CALIFORNIA HIGH-SPEED TRAIN

Project Environmental Impact Report /
Environmental Impact Statement

Capital Cost Estimate Report

Merced to Fresno Section High-Speed Train Project EIR/EIS

February 2012

CALIFORNIA High-Speed Rail Authority

U.S. Department of Transportation
Federal Railroad Administration

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1.0 INTRODUCTION

1.2 PURPOSE AND SCOPE

The purpose of this report is to present the Capital Cost Estimating Methodology (CCEM) in the preparation of reasonably reliable and accurate capital cost estimates for the 15% Design level.

This document describes the methodology for preparation of estimated capital cost for the California High-Speed Train Project (CHSTP) Merced to Fresno Draft EIR/EIS document. In addition, it presents the summary of Capital Cost Estimates along with detailed FRA Standard Cost Categories (SCC) and sub-categories or cost elements. Refinement of these cost estimates will be on-going during the advancement of engineering during subsequent project development phases.

The primary objectives of this report are:

- Identify the methods and processes used to develop the capital cost estimate during 15% Design Level Phase;
- Identify the source documents and/or methodology used for pricing work;
- Specify how estimating assumptions have been documented during the course of the estimate development;
- Describe Unit Price Elements;
- Define the approach and methodology with respect to FRA Standard Cost Categories (SCC);
- Present estimates that have been developed for UPRR, BNSF and Hybrid Alternatives and Wye Design Options.

The estimating approach has been done in a manner that (1) allows consistent application to each alternative to facilitate comparisons; (2) provides the proper foundation for more detailed estimates as selected alternative(s) are further evaluated; and (3) provides the basis for subsequent 30% design level estimates with additional guidelines for a more detailed capital cost estimate.

Considering CHSTP's size, complexity, phased design, and number of participants, it is important that the CCEM is flexible enough to be applied at each point in the project development process to appropriately support the tracking, monitoring and control of cost changes through each of the program's design and implementation phases. This document addresses only the capital cost estimating requirements for the 15% Design level. Additional guidelines will be developed for the preparation of capital cost estimates for subsequent phases of the CHSTP.

1.3 STATEMENT OF TECHNICAL ISSUE

The document is intended to address the preparation of a program cost estimate, including construction, acquisition of right-of-way, vehicles, and professional services during execution of the project.

The CCEM is intended to provide guidelines for accurately and consistently estimating the costs of capital infrastructure and systems for the 15% Design level. It also provides a framework for defining the scope and technical basis for the estimates, the roles and responsibilities for specific estimating tasks among the project participations, and the structure, organization, and format for reporting capital costs for all geographic sections of CHSTP.

1.4 GENERAL INFORMATION

1.4.1 Definition of Terms

Technical terms, acronyms, or other cost estimating terminology specifically used for capital cost estimating purposes, unless otherwise indicated, will follow the standard definition of terms

published by the Association for the Advancement of Cost Engineering (AACE) International in their Recommend Practice No. 10S-90 – Cost Engineering Terminology.

The following acronyms used in this document have specific connotations with regard to California High Speed Train system.

Acronyms

AACE	Association for the Advancement of Cost Engineering
CCEM	Capital Cost Estimating Methodology
Authority	California High-Speed Rail Authority
CHSTP	California High-Speed Train Project
ENR	Engineering News Record
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
LCCA	Life Cycle Cost Analysis
O&M	Operating and Maintenance
PMT	Program Management Team
RC	Regional Consultant(s)
SCC	Standard Cost Categories
TM	Technical Memorandum
WBS	Work Breakdown Structure

1.4.2 Units

The California High-Speed Train Project is based on U.S. Customary Units consistent with guidelines prepared by the California Department of Transportation and defined by the National Institute of Standards and Technology (NIST). U.S. Customary Units are officially used in the United States, and are also known in the US as “English” or “Imperial” units. In order to avoid confusion, all formal references to units of measure shall be made in terms of U.S. Customary Units.

Guidance for units of measure terminology, values, and conversions can be found in the Caltrans Metric Program Transitional Plan, Appendice B U.S. Customary General Primer (http://www.dot.ca.gov/hq/oppd/metric/TransitionPlan/Appendice-B-US-Customary-General-Primer.pdf). Caltrans Metric Program Transitional Plan, Appendice B can also be found as an attachment to the CHSTP Mapping and Survey Technical Memorandum.

2.0 CAPITAL COST ESTIMATING METHODOLOGY

Estimating methodologies are not static and must be flexible enough to adjust to the needs of the project's stage in the development process. The development process is described by the overall level of engineering design associated with the major development stages defined for the CHSTP:

Development Stage	Engineering Design Completion
Programmatic EIR/S	
Project EIR/S	
15% Design Level	
30% Design Level	
Design-Build	

0 15% 30% 90% 100%

Each development stage is represented by a range of engineering design completion and influenced by ongoing updates to the ridership demand forecast and associated revisions to estimated system capacity, service design and operating plans. Because of this variability, the appropriate estimating methods or procedures at a given milestone will be based on the actual levels of project engineering and scope definition present at that time. Because the program will be designed in multiple segments, the level of engineering design completed for major high-speed train system elements will be at different levels at any point in time. The goal of using established estimating methodologies is to assure that project estimates are prepared in a consistent and uniform manner, organized and standardized in methods, and formatted in order to facilitate estimate review and reporting.

2.1 ESTIMATING FORMAT

A consistent format is developed for the reporting, estimating, and managing of the project's capital costs. This document recommends using standard cost categories (SCC) established by the Federal Railroad Administration (FRA) as part of American Recovery and Reinvestment Act (ARRA) grant application requirements. Preparation of capital costs in SCC format is adopted throughout the 15% Design phase.

2.2 ESTIMATING SOFTWARE

Commercially available database software systems are used depending on the type of work elements. For example Timberline is used for surface heavy construction work elements and HCSS is used for underground work elements. However, in order to provide uniformity between numerous work elements and sections of the corridor and to provide consistent platform for reporting and analysis requirements, the cost data are exported to Microsoft Excel. This will better enable the review, edit consolidation and reporting of estimate components over the course and provide more flexibility to make adjustments.

2.3 FRA STANDARD COST CATEGORY (SCC)

The methodology used for generating capital cost estimates has been consistent with FRA guidelines for estimating capital costs. The heart of the FRA guidance is the SCC, which enables FRA-funded projects to develop budget baselines that summarize to the SCC. This cost structure is used for capital cost detail and summary sheets, and is described below. Where the level of design does not support quantity measurements, parametric estimating techniques were utilized.

2.3.1 Work Breakdown Structure (WBS)

This involves the development of the Work Breakdown Structure (WBS) that is applied to cost estimating and cost reporting. The WBS for estimating includes a coding system that is used for estimating elements. The WBS for reporting includes the development of a coding system that allows the cost estimates to be sorted and presented by categories and subcategories as prescribed by the FRA.

The WBS for capital cost estimates for the 15% Design level is based upon the FRA Standard Cost Categories is presented in Appendix A.

2.3.2 Estimated Unit Costs

The development of construction unit costs for each of the construction activities that is identified and quantified from the design documents. The development of individual or composite estimated unit costs is accomplished through the use of historical bid data and by unit cost analysis, as appropriate, using labor, equipment and material rates. Unit costs are expressed in current year dollars and are adjusted to reflect any regional variations.

These methods are used either individually or in combination. For the 15% Design level, when limited engineering details are available, the historical bid price method is typically used.

2.3.2.1 Historical Bid Price Method

Historical bid prices are typically used to develop costs for common construction elements. When using this method, the time of bid and conditions of the historical project used for pricing is taken into account and factors applied as needed:

- Adjust bid prices where the bid date is older than 12 months from the current date by using an appropriate escalation factor
- Adjust bid prices to reflect conditions of the project, such as type of terrain, geographical location, soil, traffic and other related factors. For location factor adjustments, the City Cost Index as published by RS Means is used.

Sources for historical bid prices that are used may come from local, regional, statewide and national levels, as well as from international high-speed rail projects with unique high-speed elements. Historical unit prices that are used for the CHSTP will be verified for appropriateness and documented as to their source as well as any adjustments for site, escalation or location factors.

2.3.2.2 Unit Cost Analysis Method

The estimated unit cost analysis method is typically used to develop costs for complex construction elements including but not limited to viaducts, retained earth systems, tunneling and underground structures. This method allows for unit costs to be developed based on current local construction and market conditions, such as changes which might affect productivity or the cost of labor or materials. The following steps are required in order to develop a unit price using this method:

- Analyze the proposed construction conditions
- Estimate production rates
- Compile a list of materials
- Obtain materials prices using local available sources
- Determine labor and equipment rates
- Calculate direct unit price using the above factors
- Add allowances for contractor overhead and profit to arrive at a in place unit price

Markup allowance on labor	20%
Markup allowance on equipment	20%

Markup allowance on material	7%
Markup allowance on subcontract or composite unit cost	7%
Markup allowance for profit	8%

The following sources are used to obtain basic cost data that is input into the database estimating program in order to develop any needed construction unit prices:

- Labor Rates – RS Means national wages adjusted by City Cost Index factor, Federal Davis-Bacon Wage Determination and/or California Department of Industrial Relations Prevailing Wage Determinations.
- Equipment Rates – RS Means and/or Corp of Engineers Construction Equipment Ownership and Operating Expense Schedule, Region VII.
- Material Prices - Material and supply prices for locally available material are obtained from local supplier quotes, if possible. Secondary sources of material cost data may be taken from RS Means, Engineering News-Report (ENR) or other published resource.

A list of prototypical work elements and the units of measure are estimated for 15% Design level with corresponding estimated unit cost. Appendix B presents the list of variable cost elements within each FRA SCC 10's to 60's series. When required, additional project-specific work elements reflecting unique site conditions and configurations are identified and their estimated costs are developed in addition to prototypical unit costs. Examples of these project-specific unit costs include very high and/or long span iconic bridge structures, grade separations, specific roadway improvements, unique utility relocations, staged construction to accommodate existing rail or vehicular traffic, or restrictive site access conditions in urban areas.

2.3.3 Quantity Takeoffs

The task of quantity takeoffs involves preparation of estimated quantities either by direct measurement and calculation of construction elements that are shown in design drawings, sketches, electronically calculated for CADD files or established as an allowance quantity based on professional experience and judgment. Detailed quantity take-offs have not been done during this stage due to the preliminary nature of the drawings or sketches.

No specific methodology was prescribed for estimating quantities for the 15% Design level. The project participants used appropriate source and methodology for quantity take-offs. However, recording and transmitting the quantities in reviewable trail manner for quantities to be checked or spot-checked by others.

2.3.4 Allocated and Unallocated Contingencies

Contingency, in the statistical sense, is the estimated percentage by which a calculated value may differ from its true or final value and is typically included in an estimate as an allowance for the level of engineering design completion or to address imperfections in the estimating methods used at the various project development stages. Contingency is typically added to a particular item or group of items by the use of percentage multipliers. Contingency is generally greatest for the early stage of project development and decreases with advancement in the level of engineering design and pricing detail. During the preliminary design of the high-speed train project, the limited level of design information that is available requires the use of contingency allowances that are allocated against specific construction or procurement cost categories. The percentage selected for a given cost category are generally based on level of definition of the scope of work involved and substantiated by professional judgment and experience relative to level of uncertainty and historical cost variability typically seen for work within a particular cost category. For the purposes of this estimating program, contingency is assigned into two major categories – allocated and unallocated.

Allocated contingency is added to each cost category based on an assessment of the quality of design information; means and methods; and site accessibility available for individual items of work. This contingency typically falls in a range of 10% to 25%. The exact percentage selected for each cost category is based on professional judgment and experience related to the cost variability typically seen for items of work within a particular cost category. The contingency is

generally higher for underground elements reflecting the additional exposure for unknowns as well as the construction complexity. It is also higher for stations, terminals, storage yard facilities and utilities since their design progress is still in the conceptual level and identification of all the utilities are not determined. The percentages shown in Table 2-1 are the values that are normally used; however, slightly higher or lower values are used if a project-specific condition warrants.

Unallocated contingency is typically included to address uncertainties that are more global in nature like schedule delays, changes in contracting environment, or other such issues that are not associated with individual construction activities. Unallocated contingencies will be estimated at 5 percent of the total construction costs.

Table 2-1 Allocated Contingency Percentages by Cost Category

Cost Category No.	Description	Allocated Contingency Percentage
10 Track Structures and Track		
10.01	Track structure: Viaduct	10%
10.02	Track structure: Major/Movable bridges	10%
10.03	Track structure: Undergrade bridges	10%
10.04	Track structure: Culverts and drainage structures	10%
10.05	Track structure: Cut and Fill (> 4' height/depth)	20%
10.06	Track structure: At-grade (grading and subgrade stabilization)	10%
10.07	Track structure: Tunnel	25%
10.08	Track structure: Retaining walls and systems	15%
10.09	Track new construction: Conventional ballasted	15%
10.10	Track new construction: Non-ballasted	15%
10.11	Track rehabilitation: Ballast and surfacing	15%
10.12	Track rehabilitation: Ditching and drainage	15%
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	15%
10.14	Track: Special track work (switches, turnouts, insulated joints)	15%
10.15	Track: Major interlocking	15%
10.16	Track: Switch heaters (with power and control)	15%
10.17	Track: Vibration and noise dampening	15%
10.18	Other linear structures including fencing, sound walls	15%
20 Stations, Terminals, Intermodal		25%
30 Support Facilities: Yards, Shops, Admin. Bldgs		25%
40 Sitework, Right of Way, Land, Existing Improvements		
40.01	Demolition, clearing, site preparation	25%
40.02	Site utilities, utility relocation	25%
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	15%
40.04	Environmental mitigation: wetlands, historic/archeology, parks	20%
40.05	Site structures including retaining walls, sound walls	25%
40.06	Temporary facilities and other indirect costs during construction	10%
40.07	Purchase or lease of real estate	20%

40.08 Highway/pedestrian overpass/grade separations	20%
40.09 Relocation of existing households and businesses	0%
50 Communications & Signaling	15%
60 Electric Traction	15%
70 Vehicles	0%
80 Professional Services	0%

2.3.5 Environmental Mitigation

An allowance to account for the cost of environmental mitigation that relates to hydrology and water resources; wetland impact; hazardous material and waste; historic/archeology; safety and security; noise, vibration and air quality during construction and permanent aesthetic is included in the total capital cost. This allowance is based on 3% of the total cost of track structures, track work, station buildings, roadway modification and highway grade separation.

2.3.6 Right-of-Way Cost Estimate

This involves preparing estimated quantities of impacted properties, either permanent takes or temporary easements, which result from construction, operation, and maintenance of proposed high-speed train alignment alternatives. In order to arrive at the estimated cost, professional experience and judgment in the area of property valuation, business damages, and legal and administrative issues as they relate to the estimation of right-of-way costs are applied.

2.3.7 Vehicle Estimate

The cost for the section between Merced and Fresno do not include the acquisition of HST vehicles because they are part of the statewide HST System and are not associated with construction of individual sections of the HST System. Consistent with the 2009 business plan *Report to the Legislature* (Authority 2009), the cost of vehicles was determined by using publicly available data regarding recent sales of comparable equipment to other HST projects around the world and by informal consultations with the manufacturers. The systemwide cost of vehicle procurement is divided into two parts: Opening Day demand (assumes 60 trainsets in 2020) and Optional Orders, which accommodate the demand for increases in ridership (assumes 40 trainsets between 2025 and 2035). The estimated total vehicle costs required for Opening Day and Optional Orders is $3.3 billion in year-of-expenditure dollars.

2.3.8 Program Implementation/Professional Services Add-ons

Program Implementation costs are included to represent the costs of engineering, project and construction management, contract administration, permits and fees, training/start-up/testing and any force account work. These add-on costs are calculated as a percentage of construction costs only (applied individually and not cumulatively and excluding vehicle procurement and right-of-way costs) and presented under Professional Services cost category in the estimate. The management and administration cost associated with right-of-way and rolling stock are included with the respective items.

Program Management	3.0%
Final Design	6.0%
Construction Management	4.0%
Agency Costs	0.5%
Total	13.5%

In addition, an allowance for system start-up and pre-revenue testing is added to the Professional Services cost category in the amount of 6% of the Train Controls, Communications and Electrification construction costs.

2.3.9 Escalation

Estimates are prepared in Base Year dollars with the Base Year defined as the current calendar year. Unit costs are updated annually or as required. For cost estimates with a base year that is older than the current calendar by one or more years, actual historical construction cost index values are used to calculate the escalation rate to be applied to bring a cost from the period in question to the present. A cost estimate prepared in the current base year cost will be projected into a future calendar year by using a cost escalation factor.

There are a wide variety of published construction cost indexes and economic forecasting publications, from both governmental as well as private sources. These indexes are normally calculated using a set of defined construction or procurement commodities that the sponsoring group determines to be representative of the market sector that they are trying to monitor and predict. Some indexes track the in-place constructed cost for a set of commodities that include material, labor and equipment costs plus contractor's overhead and profit. Other indexes may only track certain material prices, labor costs, or the cost of goods and services sold. Another aspect of these indexes that can affect their usefulness is whether they are calculated using regional or national market information.

The estimates are developed during EIR/EIS and completed in 2010 and as the result the rates reflected in the estimates are adjusted and expressed in 2010 Base Year. To project the estimated cost into future years, the following forecasted annual escalation rates will be applied:

2011	3.0%
2012 and thereafter	3.5%

Year of Expenditure (YOE) cost estimates will be developed in conjunction with cost-loaded master schedule and will reflect expected procurement sequence and construction durations.

2.3.10 Finance Charge

Finance charges are not included in the overall project estimated cost.

2.4 ESTIMATE VALIDATION

Following preparation of the 15% Design level estimates, cost estimates will advance through a validation process. This task will assemble subject matter experts in the areas of engineering, construction, and estimating to perform an independent review of the scope, assumptions and basis used to prepare the cost estimate. This process will provide a thorough vetting of each cost estimate before it is finalized.

2.5 ESTIMATE RECONCILIATION

Reconciliations will be made between current cost estimates and cost estimates that are developed in the subsequent phases. The goal of reconciliation is to identify and document

significant changes that may occur since the preparation of the prior capital cost estimate. Significant changes shall be identified in the reconciliation under one of three categories that best reflects the cause for the change: Quantity, Unit Price, or Scope. These changes shall be referenced to specific line items in the estimate and shall include a brief written description of the change.

APPENDIX A WORK BREAKDOWN STRUCTURE (WBS)

WORK BREAKDOWN STRUCTURE (FRA STANDARD COST CATEGORIES)

10 TRACK STRUCTURES & TRACK	
10.01	Track structure: Viaduct
10.02	Track structure: Major/Movable bridge
10.03	Track structure: Undergrade Bridges
10.04	Track structure: Culverts and drainage structures
10.05	Track structure: Cut and Fill (> 4' height/depth)
10.06	Track structure: At-grade (grading and subgrade stabilization)
10.07	Track structure: Tunnel
10.08	Track structure: Retaining walls and systems
10.09	Track new construction: Conventional ballasted
10.10	Track new construction: Non-ballasted
10.11	Track rehabilitation: Ballast and surfacing
10.12	Track rehabilitation: Ditching and drainage
10.13	Track rehabilitation: Component replacement (rail, ties, etc)
10.14	Track: Special track work (switches, turnouts, insulated joints)
10.15	Track: Major interlockings
10.16	Track: Switch heaters (with power and control)
10.17	Track: Vibration and noise dampening
10.18	Other linear structures including fencing, sound walls
20 STATIONS, TERMINALS, INTERMODAL	
20.01	Station buildings: Intercity passenger rail only
20.02	Station buildings: Joint use (commuter rail, intercity bus)
20.03	Platforms
20.04	Elevators, escalators
20.05	Joint commercial development
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots
20.07	Automobile, bus, van accessways including roads
20.08	Fare collection systems and equipment
20.09	Station security
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	
30.01	Administration building: Office, sales, storage, revenue counting
30.02	Light maintenance facility
30.03	Heavy maintenance facility
30.04	Storage or maintenance-of-way building/bases
30.05	Yard and yard track
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	

40.01	Demolition, clearing, site preparation
40.02	Site utilities, utility relocation
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments
40.04	Environmental mitigation: wetlands, historic/archeology, parks
40.05	Site structures including retaining walls, sound walls
40.06	Temporary facilities and other indirect costs during construction
40.07	Purchase or lease of real estate
40.08	Highway/pedestrian overpass/grade separations
40.09	Relocation of existing households and businesses
50 COMMUNICATIONS & SIGNALING	
50.01	Wayside signaling equipment
50.02	Signal power access and distribution
50.03	On-board signaling equipment
50.04	Traffic control and dispatching systems
50.05	Communications
50.06	Grade crossing protection
50.07	Hazard detectors: dragging equipment high water, slide, etc.
50.08	Station train approach warning system
60 ELECTRIC TRACTION	
60.01	Traction power transmission: High voltage
60.02	Traction power supply: Substations
60.03	Traction power distribution: Catenary and third rail
60.04	Traction power control
70 VEHICLES	
70.00	Vehicle acquisition: Electric locomotive
70.01	Vehicle acquisition: Non-electric locomotive
70.02	Vehicle acquisition: Electric multiple unit
70.03	Vehicle acquisition: Diesel multiple unit
70.04	Vehicle acquisition: Loco-hauled passenger cars w/ ticketed space
70.05	Vehicle acquisition: Loco-hauled passenger cars w/o ticketed space
70.06	Vehicle acquisition: Maintenance of way vehicles
70.07	Vehicle acquisition: Non-railroad support vehicles
70.08	Vehicle refurbishment: Electric locomotive
70.09	Vehicle refurbishment: Non-electric locomotive
70.10	Vehicle refurbishment: Electric multiple unit
70.11	Vehicle refurbishment: Diesel multiple unit
70.12	Vehicle refurbished: Passenger loco-hauled car w/ ticketed space
70.13	Vehicle refurbished: Non-passenger loco-hauled car w/o ticketed space
70.14	Vehicle refurbishment: Maintenance of way vehicles

70.15	Spare parts
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	
80.01	Service Development Plan/Service Environmental
80.02	Preliminary Engineering/Project Environmental
80.03	Final design
80.04	Project management for design and construction
80.05	Construction administration & management
80.06	Professional liability and other non-construction insurance
80.07	Legal; Permits; Review Fees by other agencies, cities, etc.
80.08	Surveys, testing, investigation
80.09	Engineering inspection
80.10	Start up
90 UNALLOCATED CONTINGENCY	
100 FINANCE CHARGES	

APPENDIX B UNIT COST ELEMENTS

No.	DESCRIPTION	UNIT
10.01	**Track structure: Viaduct**	
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile

10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenches	Route Mile
10.02	**Track structure: Major/Movable bridge**	
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile
10.05	**Track structure: Cut and Fill (> 4' height/depth)**	
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile
10.06	**Track structure: At-grade (grading and subgrade stabilization)**	
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile

10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile
10.07	**Track structure: Tunnel**	
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock	Route Mile
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock	Route Mile
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock	Route Mile
10.07.204	D&B Double Track Tunnel 40ft ID in rock	Route Mile
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock	Route Mile
10.07.206	D&B Double Track Tunnel 50ft ID in rock	Route Mile
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground	Route Mile
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground	Route Mile
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground	Route Mile
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground	Route Mile
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock	Route Mile
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock	Route Mile
10.07.403	RH Double Track Tunnel 40ft ID in soft rock	Route Mile
10.07.404	RH Double Track Tunnel 40ft ID in soft rock	Route Mile
10.07.405	RH Double Track Tunnel 50ft ID in soft rock	Route Mile
10.07.406	RH Double Track Tunnel 50ft ID in soft rock	Route Mile
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet
10.07.501	Cross Passage in Soft Ground	Linear Feet
10.07.502	Cross Passage in Soft Ground, including jet grout	Linear Feet
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile
10.07.801	Ventilation Shaft	VF

10.07.802	Mid-Line Ventilation Structure	LS
10.07.803	Tunnel Portal Structure	LS
10.07.805	Emergency Access Shaft	VF
10.07.850	Pumping Station	EA
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile
10.07.920	Ventilation Equipment Allowance	EA
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile
10.07.950	Allowance for Construction Monitoring	Route Mile
10.08	**Track structure: Retaining walls and systems**	
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile
10.09	**Track new construction: Conventional ballasted**	
10.09.110	Ballasted Track - 1 Track	Route Mile
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile
10.09.120	Ballasted Track - 2 Track	Route Mile
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile
10.09.810	Ballasted Freight Track - 1 Track	Route Mile
10.09.820	Ballasted Freight Track - 2 Track	Route Mile
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile
10.10	**Track new construction: Non-ballasted**	
10.10.110	Direct Fixation Track - 1 Track	Route Mile
10.10.120	Direct Fixation Track - 2 Track	Route Mile
10.10.140	Direct Fixation Track - 4 Track	Route Mile
10.10.210	Independent Dual Block Track - 1 Track	Route Mile
10.10.220	Independent Dual Block Track - 2 Track	Route Mile
10.10.240	Independent Dual Block Track - 4 Track	Route Mile

10.14	Track: Special track work (switches, turnouts, insulated joints)	
10.14.100	Direct Fixation Turnout (60 MPH)	EA
10.14.105	Direct Fixation Turnout (80 MPH)	EA
10.14.110	Direct Fixation Turnout (110 MPH)	EA
10.14.115	Direct Fixation Turnout (150 MPH)	EA
10.14.130	Direct Fixation Crossover (60 MPH)	EA
10.14.135	Direct Fixation Crossover (80 MPH)	EA
10.14.140	Direct Fixation Crossover (110 MPH)	EA
10.14.145	Direct Fixation Crossover (150 MPH)	EA
10.14.200	Ballasted Turnout (60 MPH)	EA
10.14.205	Ballasted Turnout (80 MPH)	EA
10.14.210	Ballasted Turnout (110 MPH)	EA
10.14.215	Ballasted Turnout (150 MPH)	EA
10.14.300	Ballasted Crossover (60 MPH)	EA
10.14.305	Ballasted Crossover (80 MPH)	EA
10.14.310	Ballasted Crossover (110 MPH)	EA
10.14.315	Ballasted Crossover (150 MPH)	EA
10.14.400	Terminal - Bumping Post	
20.01	**Station buildings: Intercity passenger rail only**	
20.01.105	Millbrae Station	LS
20.01.105	Millbrae Station - Site Elements	LS
20.02.200	Redwood/Palo Alto Station	LS
20.02.201	Redwood/Palo Alto Station - Site Elements	LS
20.02.215	Gilroy Station	LS
20.02.216	Gilroy Station - Site Elements	LS
20.02.225	San Jose Station	LS
20.02.226	San Jose Station-Site Elements	LS
20.01.100	Artic Station	LS
20.01.110	LA Union Station	LS
20.02.205	Norwalk Station	LS
20.02.206	Norwalk Station - Site Elements	LS
20.02.210	Tulare Station	LS
20.02.211	Tulare Station - Site Elements	LS
20.02.220	Burbank Station	LS
20.02.221	Burbank Station - Site Elements	LS
20.02.230	Merced Station	LS
20.02.231	Merced Station - Site Elements	LS
20.02.235	Fresno Station	LS
20.02.236	Fresno Station - Site Elements	LS
20.02.240	Bakersfield Station	LS
20.02.241	Bakersfield Station - Site Elements	LS
20.02.245	Palmdale Station	LS
20.02.246	Palmdale Station - Site Elements	LS

20.02.250	Sylmar Station	LS
20.02.251	Sylmar Station - Site Elements	LS
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**	
20.06.120	Pedestrian Access (Cut & Cover)	LF
20.06.140	Pedestrian Plaza	SF
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA
20.06.210	Parking - At Grade	STL
20.06.250	Parking - Structured (Above Grade)	STL
20.06.800	Landscaping Allowance	SF
20.06.810	Landscaping Allowance, Guideway	Route Mile
20.07	**Automobile, bus, van accessways including roads**	
20.07.010	Roadway Modification, New AC Paving	SF
20.07.020	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF
20.07.710	Permanent Service/Emergency Access Road (20' Wide)	Route Mile
20.07.715	Access Road Entrance Point	EA
20.07.800	Streetscaping Allowance	ESF
30.02	**Light maintenance facility**	
30.02.010	Light Maintenance Facility (LMF)	EA
30.03	**Heavy maintenance facility**	
30.03.010	Heavy Maintenance Facility (HMF)	EA
30.04	**Storage or maintenance-of-way building/bases**	
30.04.010	Maintenance of Way Facility (MOWF)	EA
30.05	**Yard and yard track**	
30.05.110	Ballasted Track - Yard Track	Route Mile
30.05.200	Ballasted Turnout, No. 15	EA
30.05.210	Ballasted Diamond Crossover, No. 15	EA
30.05.250	Heavy Duty Rubber Grade Crossing	TF
40.01	**Demolition, clearing, site preparation**	
40.01.010	Demolition Allowance, Bridge	SF
40.01.050	Demolition Allowance, Building (1 Story)	SF
40.01.060	Demolition Allowance, Building (2 Story)	SF
40.01.110	Demolition Allowance, Asphalt Pavement	SY
40.01.140	Demolition Allowance, Concrete Curb	LF
40.01.150	Demolition Allowance, Concrete Sidewalk	SY
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile
40.01.900	Miscellanous Excavation & Support Items	LS
40.02	**Site utilities, utility relocation**	
40.02.001	Utility Relocation Allowance, Level 1	Route Mile
40.02.002	Utility Relocation Allowance, Level 2	Route Mile
40.02.003	Utility Relocation Allowance, Level 3	Route Mile
40.02.004	Utility Relocation Allowance, Level 4	Route Mile
40.02.005	Utility Relocation Allowance, Level 5	Route Mile

40.02.050	Site Utility Allowance	Route Mile
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**	
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile
40.03.150	Removal of Contaminated Soil	CF
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**	
40.04.100	Environmental Mitigation Allowance, Light	Route Mile
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile
40.05	**Site structures including retaining walls, sound walls**	
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF
40.05.310	Intrusion Protection Berm	LF
40.06	**Temporary facilities and other indirect costs during construction**	
40.07	**Purchase or lease of real estate**	
	Right-of-Way Required for Segment	
40.07.100	Dense Urban	Acre
40.07.101	Urban	Acre
40.07.102	Dense Suburban	Acre
40.07.103	Suburban	Acre
40.07.104	Farmland	Acre
40.07.105	Undeveloped	Acre
	Right-of-Way Required for Stations and Maintenance Facilities	
40.07.200	Dense Urban	Acre
40.07.201	Urban	Acre
40.07.202	Dense Suburban	Acre
40.07.203	Suburban	Acre
40.07.204	Undeveloped	Acre
40.08	**Highway/pedestrian overpass/grade separations**	
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA

40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA
50.01	**Wayside signaling equipment**	
50.01.010	Train Controls (ATC)	Route Mile
50.01.020	Wayside Protection System	Route Mile
50.01.030	Train Control, Wayside Facility Site Work	EA
50.05	**Communications**	
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile
60.02	**Traction power supply: Substations**	
60.02.100	Traction Power Supply	Route Mile
60.02.010	Traction Power, Supply Station Site Work	EA
60.02.020	Traction Power, Switching Station Site Work	EA
60.02.030	Traction Power, Paralleling Station Site Work	EA
60.03	**Traction power distribution: Catenary and third rail**	
60.03.100	Traction Power Distribution	Route Mile

APPENDIX C DETAILED CAPITAL COST BUDGET

(see Attachment)

ALIGNMENT ALTERNATIVE	INCLUDED SUBSECTIONS AND COSTS
UPRR/SR 99 Alternative with the Ave 24 Wye	Merced Downtown, UPRR 24 Mainline, UPRR 24 Merced Connection, UPRR 24 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW UPRR Alternative
UPRR/SR 99 Alternative with the Ave 21 Wye	Merced Downtown, UPRR 21 Mainline, UPRR 21 Merced Connection, UPRR 21 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW UPRR Alternative
BNSF Alternative with the Ave 24 Wye -Mariposa Way-Le Grand	Merced Downtown, BNSF 24 Mainline, BNSF 24 Mariposa Way Le Grand, BNSF 24 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW BNSF Alternative
BNSF Alternative with the Ave 24 Wye -Mariposa Way - East Le Grand	Merced Downtown, BNSF 24 Mainline, BNSF 24 Mariposa Way East Le Grand, BNSF 24 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW BNSF Alternative
BNSF Alternative with the Ave 24 Wye -Mission - Le Grand	Merced Downtown, BNSF 24 Mainline, BNSF 24 Mission Le Grand, BNSF 24 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW BNSF Alternative
BNSF Alternative with the Ave 24 Wye -Mission - East Le Grand	Merced Downtown, BNSF 24 Mainline, BNSF 24 Mission East Le Grand, BNSF 24 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW BNSF Alternative
BNSF Alternative with the Ave 21 Wye- Mariposa Way- Le Grand	Merced Downtown, BNSF 21 Mainline, BNSF 21 Mariposa Way Le Grand, BNSF 21 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW BNSF Alternative
BNSF Alternative with the Ave 21 Wye- Mariposa Way- East Le Grand	Merced Downtown, BNSF 21 Mainline, BNSF 21 Mariposa Way East Le Grand, BNSF 21 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW BNSF Alternative
BNSF Alternative with the Ave 21 Wye- Mission- Le Grand	Merced Downtown, BNSF 21 Mainline, BNSF 21 Mission Le Grand, BNSF 21 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW BNSF Alternative
BNSF Alternative with the Ave 21 Wye- Mission- East Le Grand	Merced Downtown, BNSF 21 Mainline, BNSF 21 Mission East Le Grand, BNSF 21 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW BNSF Alternative
Hybrid Alternative with the Ave 24 Wye	Merced Downtown, Hybrid Ave 24 Mainline, Hybrid Ave 24 Merced Connection, Hybrid Ave 24 Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW Hybrid Alternative
UPRR/SR 99 Alternative West Chowchilla Design Option with the Ave 24 Wye	Merced Downtown, WCDO Mainline, WCDO Merced Connection, WCDO Wye Connection, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW UPRR Alternative
Hybrid Alternative with the Ave 21 Wye	Merced Downtown, Hybrid Ave 21 Mainline, Hybrid Ave 21 Merced Connection, Hybrid Ave 21 Wye Connection, Avenue 21 From Road 8 to Road 14, South of San Joaquin River to Clinton Ave., Clinton Ave. to Fresno Option 1, ROW Hybrid Alternative

FRA STANDARD COST CATEGORIES BASE YEAR FY 2010 DOLLARS (Thousands)	MCD - FNO Cost Reduction UPRR/SR 99 Alternative with the Ave 24 Wye	MCD - FNO Cost Reduction UPRR/SR 99 Alternative with the Ave 21 Wye
10 TRACK STRUCTURES & TRACK	$ 3,485,000	$ 3,008,000
20 STATIONS, TERMINALS, INTERMODAL	$ 170,000	$ 170,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 12,000	$ 12,000
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 1,416,000	$ 1,348,000
50 COMMUNICATIONS & SIGNALING	$ 151,000	$ 129,000
60 ELECTRIC TRACTION	$ 486,000	$ 417,000
70 VEHICLES	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ 723,000	$ 637,000
90 UNALLOCATED CONTINGENCY	$ 251,000	$ 222,000
100 FINANCE CHARGES	$ -	$ -
TOTAL:	**$ 6,694,000**	**$ 5,943,000**

FRA STANDARD COST CATEGORIES BASE YEAR FY 2010 DOLLARS (Thousands)	MCD - FNO Cost Reduction BNSF Alternative with the Ave 24 Wye - Mariposa Way-Le Grand	MCD - FNO Cost Reduction BNSF Alternative with the Ave 24 Wye - Mariposa Way - East Le Grand
10 TRACK STRUCTURES & TRACK	$ 1,961,000	$ 2,049,000
20 STATIONS, TERMINALS, INTERMODAL	$ 170,000	$ 170,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 12,000	$ 12,000
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 1,325,000	$ 1,331,000
50 COMMUNICATIONS & SIGNALING	$ 156,000	$ 156,000
60 ELECTRIC TRACTION	$ 504,000	$ 504,000
70 VEHICLES	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ 511,000	$ 524,000
90 UNALLOCATED CONTINGENCY	$ 178,000	$ 182,000
100 FINANCE CHARGES	$ -	$ -
TOTAL:	**$ 4,817,000**	**$ 4,928,000**

FRA STANDARD COST CATEGORIES BASE YEAR FY 2010 DOLLARS (Thousands)	MCD - FNO Cost Reduction BNSF Alternative with the Ave 24 Wye - Mission - Le Grand	MCD - FNO Cost Reduction BNSF Alternative with the Ave 24 Wye - Mission - East Le Grand
10 TRACK STRUCTURES & TRACK	$ 1,994,000	$ 2,084,000
20 STATIONS, TERMINALS, INTERMODAL	$ 170,000	$ 170,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 12,000	$ 12,000
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 1,327,000	$ 1,334,000
50 COMMUNICATIONS & SIGNALING	$ 156,000	$ 156,000
60 ELECTRIC TRACTION	$ 504,000	$ 504,000
70 VEHICLES	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ 516,000	$ 529,000
90 UNALLOCATED CONTINGENCY	$ 180,000	$ 184,000
100 FINANCE CHARGES	$ -	$ -
TOTAL:	**$ 4,859,000**	**$ 4,973,000**

FRA STANDARD COST CATEGORIES BASE YEAR FY 2010 DOLLARS (Thousands)	MCD - FNO Cost Reduction BNSF Alternative with the Ave 21 Wye-Mariposa Way- Le Grand	MCD - FNO Cost Reduction BNSF Alternative with the Ave 21 Wye-Mariposa Way- East Le Grand
10 TRACK STRUCTURES & TRACK	$ 1,844,000	$ 1,947,000
20 STATIONS, TERMINALS, INTERMODAL	$ 170,000	$ 170,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 12,000	$ 12,000
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 1,138,000	$ 1,145,000
50 COMMUNICATIONS & SIGNALING	$ 140,000	$ 140,000
60 ELECTRIC TRACTION	$ 452,000	$ 452,000
70 VEHICLES	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ 461,000	$ 476,000
90 UNALLOCATED CONTINGENCY	$ 162,000	$ 167,000
100 FINANCE CHARGES	$ -	$ -
TOTAL:	**$ 4,379,000**	**$ 4,509,000**

FRA STANDARD COST CATEGORIES BASE YEAR FY 2010 DOLLARS (Thousands)	MCD - FNO Cost Reduction BNSF Alternative with the Ave 21 Wye-Mission-Le Grand	MCD - FNO Cost Reduction BNSF Alternative with the Ave 21 Wye-Mission- East Le Grand
10 TRACK STRUCTURES & TRACK	$ 1,877,000	$ 1,967,000
20 STATIONS, TERMINALS, INTERMODAL	$ 170,000	$ 170,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 12,000	$ 12,000
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 1,140,000	$ 1,147,000
50 COMMUNICATIONS & SIGNALING	$ 140,000	$ 140,000
60 ELECTRIC TRACTION	$ 452,000	$ 452,000
70 VEHICLES	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ 466,000	$ 479,000
90 UNALLOCATED CONTINGENCY	$ 164,000	$ 168,000
100 FINANCE CHARGES	$ -	$ -
TOTAL:	**$ 4,421,000**	**$ 4,535,000**

FRA STANDARD COST CATEGORIES BASE YEAR FY 2010 DOLLARS (Thousands)	MCD - FNO Cost Reduction Hybrid Alternative with the Ave 24 Wye	MCD - FNO Cost Reduction UPRR/SR 99 Alternative West Chowchilla Design Option with the Ave 24 Wye
10 TRACK STRUCTURES & TRACK	$ 1,383,000	$ 2,629,000
20 STATIONS, TERMINALS, INTERMODAL	$ 170,000	$ 170,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 27,000	$ 27,000
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 1,218,000	$ 1,205,000
50 COMMUNICATIONS & SIGNALING	$ 117,000	$ 116,000
60 ELECTRIC TRACTION	$ 378,000	$ 374,000
70 VEHICLES	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ 393,000	$ 561,000
90 UNALLOCATED CONTINGENCY	$ 141,000	$ 197,000
100 FINANCE CHARGES	$ -	$ -
TOTAL:	**$ 3,827,000**	**$ 5,279,000**

FRA STANDARD COST CATEGORIES BASE YEAR FY 2010 DOLLARS (Thousands)	MCD - FNO Hybrid Alternative with the Ave 21 Wye
10 TRACK STRUCTURES & TRACK	$ 2,059,000
20 STATIONS, TERMINALS, INTERMODAL	$ 170,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 27,000
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 1,318,000
50 COMMUNICATIONS & SIGNALING	$ 135,000
60 ELECTRIC TRACTION	$ 440,000
70 VEHICLES	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ 509,000
90 UNALLOCATED CONTINGENCY	$ 180,000
100 FINANCE CHARGES	$ -
TOTAL:	**$ 4,838,000**

FRA STANDARD COST CATEGORIES BASE YEAR FY 2010 DOLLARS (Thousands)	MCD - FNO HMF	MCD - FNO HMF Castle
10 TRACK STRUCTURES & TRACK	$ 32,000	$ 348,000
20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 383,000	$ 383,000
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 77,000	$ 108,000
50 COMMUNICATIONS & SIGNALING	$ 3,000	$ 11,000
60 ELECTRIC TRACTION	$ 37,000	$ 63,000
70 VEHICLES	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ 66,000	$ 116,000
90 UNALLOCATED CONTINGENCY	$ 22,000	$ 39,000
100 FINANCE CHARGES	$ -	$ -
TOTAL:	**$ 620,000**	**$ 1,068,000**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Heavy Maintenance Facility**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 20,365,254	$ 2,036,525	$ 22,401,779
10.02 Track structure: Major/Movable bridge	$ -	$ -	$ -
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 117,171	$ 11,717	$ 128,888
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 2,343,420	$ 234,342	$ 2,577,762
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 1,678,507	$ 251,776	$ 1,930,283
10.09 Track new construction: Conventional ballasted	$ 3,088,325	$ 463,249	$ 3,551,574
10.10 Track new construction: Non-ballasted	$ 1,403,856	$ 210,578	$ 1,614,434
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ -	$ -	$ -
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 28,996,533	$ 3,208,188	$ 32,204,721
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ 227,944,740	$ 56,986,185	$ 284,930,925
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ 78,586,172	$ 19,646,543	$ 98,232,715
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 306,530,912	$ 76,632,728	$ 383,163,640
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ -	$ -	$ -
40.02 Site utilities, utility relocation	$ 1,827,505	$ 456,876	$ 2,284,381
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 312,760	$ 46,914	$ 359,674
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 10,691,381	$ 2,138,276	$ 12,829,657
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 14,255,175	$ 1,425,517	$ 15,680,692
40.07 Purchase or lease of real estate	$ 19,818,150	$ 3,963,630	$ 23,781,780
40.08 Highway/pedestrian overpass/grade separations	$ 18,711,662	$ 3,742,332	$ 22,453,995
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 45,798,483	$ 7,809,916	$ 53,608,399
Subtotal for Right of Way	$ 19,818,150	$ 3,963,630	$ 23,781,780
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 65,616,633	$ 11,773,546	$ 77,390,179
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 2,054,044	$ 308,107	$ 2,362,150
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 318,997	$ 47,850	$ 366,847
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 2,373,041	$ 355,956	$ 2,728,997
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 16,132,152	$ 2,419,823	$ 18,551,975
60.03 Traction power distribution: Catenary and third rai	$ 15,629,445	$ 2,344,417	$ 17,973,862
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 31,761,597	$ 4,764,240	$ 36,525,837
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Heavy Maintenance Facility**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 28,138,606	$ -	$ 28,138,606
80.04 Project management for design and construction	$ 15,246,948	$ -	$ 15,246,948
80.05 Construction administration & management	$ 20,329,264	$ -	$ 20,329,264
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,541,158	$ -	$ 2,541,158
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ -	$ -	$ -
Total for Category 80 PROFESSIONAL SERVICES	$ 66,255,975	$ -	$ 66,255,975
Subtotal (10-80)	**$ 501,534,692**	**$ 96,734,658**	**$ 598,269,349**
90 UNALLOCATED CONTINGENCY			**$ 21,763,936**
Subtotal (10-90)			**$ 620,033,285**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 620,033,285**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Heavy Maintenance Facility Castle**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 288,329,123	$ 28,832,912	$ 317,162,035
10.02 Track structure: Major/Movable bridge	$ -	$ -	$ -
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 117,171	$ 11,717	$ 128,888
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 2,343,420	$ 234,342	$ 2,577,762
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 1,678,507	$ 251,776	$ 1,930,283
10.09 Track new construction: Conventional ballasted	$ 3,088,325	$ 463,249	$ 3,551,574
10.10 Track new construction: Non-ballasted	$ 19,875,642	$ 2,981,346	$ 22,856,989
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ -	$ -	$ -
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 315,432,189	$ 32,775,343	$ 348,207,531
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ 227,944,740	$ 56,986,185	$ 284,930,925
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ 78,586,172	$ 19,646,543	$ 98,232,715
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 306,530,912	$ 76,632,728	$ 383,163,640
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ -	$ -	$ -
40.02 Site utilities, utility relocation	$ 7,433,348	$ 1,858,337	$ 9,291,685
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,272,146	$ 190,822	$ 1,462,968
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 19,481,408	$ 3,896,282	$ 23,377,689
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 25,975,210	$ 2,597,521	$ 28,572,731
40.07 Purchase or lease of real estate	$ 19,047,600	$ 3,809,520	$ 22,857,120
40.08 Highway/pedestrian overpass/grade separations	$ 18,711,662	$ 3,742,332	$ 22,453,995
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 72,873,774	$ 12,285,294	$ 85,159,068
Subtotal for Right of Way	$ 19,047,600	$ 3,809,520	$ 22,857,120
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 91,921,374	$ 16,094,814	$ 108,016,188
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 8,354,791	$ 1,253,219	$ 9,608,010
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 1,297,517	$ 194,628	$ 1,492,144
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 9,652,308	$ 1,447,846	$ 11,100,154
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 28,491,326	$ 4,273,699	$ 32,765,024
60.03 Traction power distribution: Catenary and third rai	$ 26,427,814	$ 3,964,172	$ 30,391,986
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 54,919,140	$ 8,237,871	$ 63,157,011
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Heavy Maintenance Facility Castle**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 48,991,814	$ -	$ 48,991,814
80.04 Project management for design and construction	$ 26,723,622	$ -	$ 26,723,622
80.05 Construction administration & management	$ 35,631,496	$ -	$ 35,631,496
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 4,453,937	$ -	$ 4,453,937
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ -	$ -	$ -
Total for Category 80 PROFESSIONAL SERVICES	$ 115,800,870	$ -	$ 115,800,870
Subtotal (10-80)	**$ 894,256,792**	**$ 135,188,602**	**$ 1,029,445,393**
90 UNALLOCATED CONTINGENCY			**$ 38,922,796**
Subtotal (10-90)			**$ 1,068,368,189**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,068,368,189**

Detailed Capital Cost Budget			
Environmental Segment:		**MCD-FNO Subsection: ROW UPRR Alternative**	
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct		$ -	$ -
10.02 Track structure: Major/Movable bridge		$ -	$ -
10.03 Track structure: Undergrade Bridges		$ -	$ -
10.04 Track structure: Culverts and drainage structures		$ -	$ -
10.05 Track structure: Cut and Fill (> 4' height/depth)		$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)		$ -	$ -
10.07 Track structure: Tunnel		$ -	$ -
10.08 Track structure: Retaining walls and systems		$ -	$ -
10.09 Track new construction: Conventional ballasted		$ -	$ -
10.10 Track new construction: Non-ballasted		$ -	$ -
10.11 Track rehabilitation: Ballast and surfacing		$ -	$ -
10.12 Track rehabilitation: Ditching and drainage		$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)		$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)		$ -	$ -
10.15 Track: Major interlockings		$ -	$ -
10.16 Track: Switch heaters (with power and control)		$ -	$ -
10.17 Track: Vibration and noise dampening		$ -	$ -
10.18 Other linear structures including fencing, sound walls		$ -	$ -
Total for Category 10 Track Structure & Track	$ -	$ -	$ -
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only		$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)		$ -	$ -
20.03 Platforms		$ -	$ -
20.04 Elevators, escalators		$ -	$ -
20.05 Joint commercial development		$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots		$ -	$ -
20.07 Automobile, bus, van accessways including roads		$ -	$ -
20.08 Fare collection systems and equipment		$ -	$ -
20.09 Station security		$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation		$ -	$ -
40.02 Site utilities, utility relocation		$ -	$ -
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments		$ -	$ -
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ -	$ -	$ -
40.05 Site structures including retaining walls, sound walls		$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ -	$ -	$ -
40.07 Purchase or lease of real estate	$ 307,098,000	$ 61,419,600	$ 368,517,600
40.08 Highway/pedestrian overpass/grade separations		$ -	$ -
40.09 Relocation of existing households and businesses		$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ -	$ -	$ -
Subtotal for Right of Way	$ 307,098,000	$ 61,419,600	$ 368,517,600
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 307,098,000	$ 61,419,600	$ 368,517,600
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment		$ -	$ -
50.02 Signal power access and distribution		$ -	$ -
50.03 On-board signaling equipment		$ -	$ -
50.04 Traffic control and dispatching systems		$ -	$ -
50.05 Communications		$ -	$ -
50.06 Grade crossing protection		$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.		$ -	$ -
50.08 Station train approach warning system		$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ -	$ -
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage		$ -	$ -
60.02 Traction power supply: Substations		$ -	$ -
60.03 Traction power distribution: Catenary and third rai		$ -	$ -
60.04 Traction power control		$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ -	$ -
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive		$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive		$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit		$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit		$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space		$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:		**MCD-FNO Subsection: ROW UPRR Alternative**	
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space		$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles		$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles		$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive		$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive		$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit		$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit		$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space		$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space		$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles		$ -	$ -
70.15 Spare parts		$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ -	$ -	$ -
80.04 Project management for design and construction	$ -	$ -	$ -
80.05 Construction administration & management	$ -	$ -	$ -
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ -	$ -	$ -
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ -	$ -	$ -
Total for Category 80 PROFESSIONAL SERVICES	$ -	$ -	$ -
Subtotal (10-80)	**$ 307,098,000**	**$ 61,419,600**	**$ 368,517,600**
90 UNALLOCATED CONTINGENCY			**$ 15,354,900**
Subtotal (10-90)			**$ 383,872,500**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 383,872,500**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Subsection: ROW BNSF Alternative**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct		$ -	$ -
10.02 Track structure: Major/Movable bridge		$ -	$ -
10.03 Track structure: Undergrade Bridges		$ -	$ -
10.04 Track structure: Culverts and drainage structures		$ -	$ -
10.05 Track structure: Cut and Fill (> 4' height/depth)		$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)		$ -	$ -
10.07 Track structure: Tunnel		$ -	$ -
10.08 Track structure: Retaining walls and systems		$ -	$ -
10.09 Track new construction: Conventional ballasted		$ -	$ -
10.10 Track new construction: Non-ballasted		$ -	$ -
10.11 Track rehabilitation: Ballast and surfacing		$ -	$ -
10.12 Track rehabilitation: Ditching and drainage		$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)		$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)		$ -	$ -
10.15 Track: Major interlockings		$ -	$ -
10.16 Track: Switch heaters (with power and control)		$ -	$ -
10.17 Track: Vibration and noise dampening		$ -	$ -
10.18 Other linear structures including fencing, sound walls		$ -	$ -
Total for Category 10 Track Structure & Track	$ -	$ -	$ -
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only		$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)		$ -	$ -
20.03 Platforms		$ -	$ -
20.04 Elevators, escalators		$ -	$ -
20.05 Joint commercial development		$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots		$ -	$ -
20.07 Automobile, bus, van accessways including roads		$ -	$ -
20.08 Fare collection systems and equipment		$ -	$ -
20.09 Station security		$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation		$ -	$ -
40.02 Site utilities, utility relocation		$ -	$ -
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments		$ -	$ -
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ -	$ -	$ -
40.05 Site structures including retaining walls, sound walls		$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ -	$ -	$ -
40.07 Purchase or lease of real estate	$ 286,573,000	$ 57,314,600	$ 343,887,600
40.08 Highway/pedestrian overpass/grade separations		$ -	$ -
40.09 Relocation of existing households and businesses		$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ -	$ -	$ -
Subtotal for Right of Way	$ 286,573,000	$ 57,314,600	$ 343,887,600
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 286,573,000	$ 57,314,600	$ 343,887,600
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment		$ -	$ -
50.02 Signal power access and distribution		$ -	$ -
50.03 On-board signaling equipment		$ -	$ -
50.04 Traffic control and dispatching systems		$ -	$ -
50.05 Communications		$ -	$ -
50.06 Grade crossing protection		$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.		$ -	$ -
50.08 Station train approach warning system		$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ -	$ -
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage		$ -	$ -
60.02 Traction power supply: Substations		$ -	$ -
60.03 Traction power distribution: Catenary and third rai		$ -	$ -
60.04 Traction power control		$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ -	$ -
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive		$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive		$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit		$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit		$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space		$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Subsection: ROW BNSF Alternative**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space		$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles		$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles		$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive		$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive		$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit		$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit		$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space		$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space		$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles		$ -	$ -
70.15 Spare parts		$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ -	$ -	$ -
80.04 Project management for design and construction	$ -	$ -	$ -
80.05 Construction administration & management	$ -	$ -	$ -
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ -	$ -	$ -
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ -	$ -	$ -
Total for Category 80 PROFESSIONAL SERVICES	$ -	$ -	$ -
Subtotal (10-80)	**$ 286,573,000**	**$ 57,314,600**	**$ 343,887,600**
90 UNALLOCATED CONTINGENCY			**$ 14,328,650**
Subtotal (10-90)			**$ 358,216,250**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 358,216,250**

Detailed Capital Cost Budget			
Environmental Segment:		**MCD-FNO Subsection: ROW Hybrid Alternative**	
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct		$ -	$ -
10.02 Track structure: Major/Movable bridge		$ -	$ -
10.03 Track structure: Undergrade Bridges		$ -	$ -
10.04 Track structure: Culverts and drainage structures		$ -	$ -
10.05 Track structure: Cut and Fill (> 4' height/depth)		$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)		$ -	$ -
10.07 Track structure: Tunnel		$ -	$ -
10.08 Track structure: Retaining walls and systems		$ -	$ -
10.09 Track new construction: Conventional ballasted		$ -	$ -
10.10 Track new construction: Non-ballasted		$ -	$ -
10.11 Track rehabilitation: Ballast and surfacing		$ -	$ -
10.12 Track rehabilitation: Ditching and drainage		$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)		$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)		$ -	$ -
10.15 Track: Major interlockings		$ -	$ -
10.16 Track: Switch heaters (with power and control)		$ -	$ -
10.17 Track: Vibration and noise dampening		$ -	$ -
10.18 Other linear structures including fencing, sound walls		$ -	$ -
Total for Category 10 Track Structure & Track	$ -	$ -	$ -
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only		$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)		$ -	$ -
20.03 Platforms		$ -	$ -
20.04 Elevators, escalators		$ -	$ -
20.05 Joint commercial development		$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots		$ -	$ -
20.07 Automobile, bus, van accessways including roads		$ -	$ -
20.08 Fare collection systems and equipment		$ -	$ -
20.09 Station security		$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation		$ -	$ -
40.02 Site utilities, utility relocation		$ -	$ -
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments		$ -	$ -
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ -	$ -	$ -
40.05 Site structures including retaining walls, sound walls		$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ -	$ -	$ -
40.07 Purchase or lease of real estate	$ 317,470,000	$ 63,494,000	$ 380,964,000
40.08 Highway/pedestrian overpass/grade separations		$ -	$ -
40.09 Relocation of existing households and businesses		$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ -	$ -	$ -
Subtotal for Right of Way	$ 317,470,000	$ 63,494,000	$ 380,964,000
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 317,470,000	$ 63,494,000	$ 380,964,000
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment		$ -	$ -
50.02 Signal power access and distribution		$ -	$ -
50.03 On-board signaling equipment		$ -	$ -
50.04 Traffic control and dispatching systems		$ -	$ -
50.05 Communications		$ -	$ -
50.06 Grade crossing protection		$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.		$ -	$ -
50.08 Station train approach warning system		$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ -	$ -
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage		$ -	$ -
60.02 Traction power supply: Substations		$ -	$ -
60.03 Traction power distribution: Catenary and third rai		$ -	$ -
60.04 Traction power control		$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ -	$ -
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive		$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive		$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit		$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit		$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space		$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:		**MCD-FNO Subsection: ROW Hybrid Alternative**	
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space		$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles		$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles		$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive		$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive		$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit		$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit		$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space		$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space		$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles		$ -	$ -
70.15 Spare parts		$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ -	$ -	$ -
80.04 Project management for design and construction	$ -	$ -	$ -
80.05 Construction administration & management	$ -	$ -	$ -
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ -	$ -	$ -
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ -	$ -	$ -
Total for Category 80 PROFESSIONAL SERVICES	$ -	$ -	$ -
Subtotal (10-80)	**$ 317,470,000**	**$ 63,494,000**	**$ 380,964,000**
90 UNALLOCATED CONTINGENCY			**$ 15,873,500**
Subtotal (10-90)			**$ 396,837,500**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 396,837,500**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction Merced Dowtown**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ -	$ -	$ -
10.02	Track structure: Major/Movable bridge	$ -	$ -	$ -
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 66,608	$ 6,661	$ 73,269
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 1,332,163	$ 133,216	$ 1,465,379
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ -	$ -	$ -
10.09	Track new construction: Conventional ballasted	$ 1,981,801	$ 297,270	$ 2,279,072
10.10	Track new construction: Non-ballasted	$ -	$ -	$ -
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 1,201,028	$ 180,154	$ 1,381,183
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 4,581,601	$ 617,302	$ 5,198,902
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ 68,000,000	$ 17,000,000	$ 85,000,000
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ 68,000,000	$ 17,000,000	$ 85,000,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ -	$ -	$ -
40.02	Site utilities, utility relocation	$ 482,102	$ 120,526	$ 602,628
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 82,507	$ 12,376	$ 94,883
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 2,349,706	$ 469,941	$ 2,819,647
40.05	Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06	Temporary facilities and other indirect costs during construction	$ 3,132,941	$ 313,294	$ 3,446,235
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 5,177,310	$ 1,035,462	$ 6,212,772
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 11,224,566	$ 1,951,599	$ 13,176,165
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 11,224,566	$ 1,951,599	$ 13,176,165
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 812,796	$ 121,919	$ 934,716
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 105,191	$ 15,779	$ 120,969
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 917,987	$ 137,698	$ 1,055,685
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 1,701,133	$ 255,170	$ 1,956,303
60.03	Traction power distribution: Catenary and third rai	$ 1,392,990	$ 208,948	$ 1,601,938
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 3,094,123	$ 464,118	$ 3,558,241
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction Merced Dowtown**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 6,202,504	$ -	$ 6,202,504
80.04 Project management for design and construction	$ 3,239,670	$ -	$ 3,239,670
80.05 Construction administration & management	$ 4,319,560	$ -	$ 4,319,560
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 539,945	$ -	$ 539,945
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 276,836	$ -	$ 276,836
Total for Category 80 PROFESSIONAL SERVICES	$ 14,578,514	$ -	$ 14,578,514
Subtotal (10-80)	**$ 102,396,791**	**$ 20,170,717**	**$ 122,567,508**
90 UNALLOCATED CONTINGENCY			**$ 4,390,914**
Subtotal (10-90)			**$ 126,958,422**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 126,958,422**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction UPRR 21 Mainline**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 778,479,846	$ 77,847,985	$ 856,327,830
10.02	Track structure: Major/Movable bridge	$ 48,349,216	$ 4,834,922	$ 53,184,137
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 1,714,603	$ 171,460	$ 1,886,064
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ 10,128,315	$ 2,025,663	$ 12,153,978
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 24,163,754	$ 2,416,375	$ 26,580,129
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 97,241,824	$ 14,586,274	$ 111,828,098
10.09	Track new construction: Conventional ballasted	$ 35,453,977	$ 5,318,097	$ 40,772,073
10.10	Track new construction: Non-ballasted	$ 50,464,961	$ 7,569,744	$ 58,034,705
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 1,398,882	$ 209,832	$ 1,608,714
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 1,047,395,377	$ 114,980,351	$ 1,162,375,728
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ 8,729,757	$ 2,182,439	$ 10,912,196
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 10,206,765	$ 2,551,691	$ 12,758,456
40.02	Site utilities, utility relocation	$ 31,403,932	$ 7,850,983	$ 39,254,915
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 5,374,480	$ 806,172	$ 6,180,652
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 35,574,433	$ 7,114,887	$ 42,689,320
40.05	Site structures including retaining walls, sound walls	$ 3,489,158	$ 872,289	$ 4,361,447
40.06	Temporary facilities and other indirect costs during construction	$ 47,432,577	$ 4,743,258	$ 52,175,835
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 79,214,967	$ 15,842,993	$ 95,057,961
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 212,696,313	$ 39,782,274	$ 252,478,586
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 212,696,313	$ 39,782,274	$ 252,478,586
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 35,296,787	$ 5,294,518	$ 40,591,305
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 5,481,665	$ 822,250	$ 6,303,915
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 40,778,452	$ 6,116,768	$ 46,895,220
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 71,096,980	$ 10,664,547	$ 81,761,526
60.03	Traction power distribution: Catenary and third rai	$ 60,492,463	$ 9,073,869	$ 69,566,332
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 131,589,442	$ 19,738,416	$ 151,327,858
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 21 Mainline**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 85,545,991	$ -	$ 85,545,991
80.04 Project management for design and construction	$ 48,719,688	$ -	$ 48,719,688
80.05 Construction administration & management	$ 64,959,584	$ -	$ 64,959,584
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 8,119,948	$ -	$ 8,119,948
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 11,893,385	$ -	$ 11,893,385
Total for Category 80 PROFESSIONAL SERVICES	$ 219,238,594	$ -	$ 219,238,594
Subtotal (10-80)	**$ 1,660,427,935**	**$ 182,800,248**	**$ 1,843,228,183**
90 UNALLOCATED CONTINGENCY			**$ 72,059,467**
Subtotal (10-90)			**$ 1,915,287,650**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,915,287,650**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 21 Merced Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 742,925,233	$ 74,292,523	$ 817,217,756
10.02 Track structure: Major/Movable bridge	$ 25,230,171	$ 2,523,017	$ 27,753,188
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 2,239,944	$ 223,994	$ 2,463,939
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 13,864,547	$ 2,772,909	$ 16,637,456
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 30,934,337	$ 3,093,434	$ 34,027,770
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 122,254,478	$ 18,338,172	$ 140,592,650
10.09 Track new construction: Conventional ballasted	$ 45,884,175	$ 6,882,626	$ 52,766,801
10.10 Track new construction: Non-ballasted	$ 42,614,936	$ 6,392,240	$ 49,007,176
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 5,995,863	$ 899,379	$ 6,895,243
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 1,031,943,684	$ 115,418,296	$ 1,147,361,979
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 8,981,247	$ 2,245,312	$ 11,226,559
40.02 Site utilities, utility relocation	$ 33,747,175	$ 8,436,794	$ 42,183,968
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 5,775,503	$ 866,325	$ 6,641,828
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 34,377,863	$ 6,875,573	$ 41,253,436
40.05 Site structures including retaining walls, sound walls	$ 2,834,555	$ 708,639	$ 3,543,193
40.06 Temporary facilities and other indirect costs during construction	$ 45,837,151	$ 4,583,715	$ 50,420,866
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 62,646,619	$ 12,529,324	$ 75,175,943
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 194,200,113	$ 36,245,681	$ 230,445,794
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 194,200,113	$ 36,245,681	$ 230,445,794
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 37,930,499	$ 5,689,575	$ 43,620,074
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 5,890,687	$ 883,603	$ 6,774,290
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 43,821,186	$ 6,573,178	$ 50,394,363
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 76,521,898	$ 11,478,285	$ 88,000,182
60.03 Traction power distribution: Catenary and third rai	$ 65,006,181	$ 9,750,927	$ 74,757,108
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 141,528,079	$ 21,229,212	$ 162,757,290
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 21 Merced Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 82,668,466	$ -	$ 82,668,466
80.04 Project management for design and construction	$ 47,728,783	$ -	$ 47,728,783
80.05 Construction administration & management	$ 63,638,377	$ -	$ 63,638,377
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 7,954,797	$ -	$ 7,954,797
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 12,789,099	$ -	$ 12,789,099
Total for Category 80 PROFESSIONAL SERVICES	$ 214,779,523	$ -	$ 214,779,523
Subtotal (10-80)	**$ 1,626,272,584**	**$ 179,466,366**	**$ 1,805,738,950**
90 UNALLOCATED CONTINGENCY			**$ 70,574,653**
Subtotal (10-90)			**$ 1,876,313,603**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,876,313,603**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 21 Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 250,219,678	$ 25,021,968	$ 275,241,646
10.02 Track structure: Major/Movable bridge	$ 17,366,217	$ 1,736,622	$ 19,102,839
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 480,497	$ 48,050	$ 528,546
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 9,609,931	$ 960,993	$ 10,570,924
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 20,867,799	$ 3,130,170	$ 23,997,968
10.09 Track new construction: Conventional ballasted	$ 11,340,534	$ 1,701,080	$ 13,041,614
10.10 Track new construction: Non-ballasted	$ 8,664,597	$ 1,299,690	$ 9,964,286
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 6,661,424	$ 999,214	$ 7,660,637
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 325,210,676	$ 34,897,785	$ 360,108,461
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 603,240	$ 150,810	$ 754,050
40.02 Site utilities, utility relocation	$ 7,388,501	$ 1,847,125	$ 9,235,626
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,264,471	$ 189,671	$ 1,454,141
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 10,282,514	$ 2,056,503	$ 12,339,016
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 13,710,018	$ 1,371,002	$ 15,081,020
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 8,283,568	$ 1,656,714	$ 9,940,282
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 41,532,311	$ 7,271,824	$ 48,804,135
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 41,532,311	$ 7,271,824	$ 48,804,135
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 8,304,385	$ 1,245,658	$ 9,550,043
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 1,289,689	$ 193,453	$ 1,483,142
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 9,594,074	$ 1,439,111	$ 11,033,185
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 16,548,174	$ 2,482,226	$ 19,030,401
60.03 Traction power distribution: Catenary and third rai	$ 14,232,250	$ 2,134,838	$ 16,367,088
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 30,780,425	$ 4,617,064	$ 35,397,488
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 21 Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 24,534,756	$ -	$ 24,534,756
80.04 Project management for design and construction	$ 13,660,298	$ -	$ 13,660,298
80.05 Construction administration & management	$ 18,213,731	$ -	$ 18,213,731
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,276,716	$ -	$ 2,276,716
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 2,785,840	$ -	$ 2,785,840
Total for Category 80 PROFESSIONAL SERVICES	$ 61,471,341	$ -	$ 61,471,341
Subtotal (10-80)	**$ 468,588,827**	**$ 48,225,784**	**$ 516,814,611**
90 UNALLOCATED CONTINGENCY			**$ 20,355,874**
Subtotal (10-90)			**$ 537,170,485**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 537,170,485**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 24 Mainline**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 1,258,101,180	$ 125,810,118	$ 1,383,911,298
10.02 Track structure: Major/Movable bridge	$ 47,050,859	$ 4,705,086	$ 51,755,945
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 1,811,221	$ 181,122	$ 1,992,343
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 9,761,456	$ 1,952,291	$ 11,713,747
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 26,462,958	$ 2,646,296	$ 29,109,254
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 122,336,013	$ 18,350,402	$ 140,686,414
10.09 Track new construction: Conventional ballasted	$ 40,172,938	$ 6,025,941	$ 46,198,879
10.10 Track new construction: Non-ballasted	$ 69,232,823	$ 10,384,923	$ 79,617,747
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 1,398,882	$ 209,832	$ 1,608,714
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 1,576,328,330	$ 170,266,011	$ 1,746,594,341
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 10,746,125	$ 2,686,531	$ 13,432,656
40.02 Site utilities, utility relocation	$ 39,240,901	$ 9,810,225	$ 49,051,126
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,715,701	$ 1,007,355	$ 7,723,056
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 51,690,822	$ 10,338,164	$ 62,028,987
40.05 Site structures including retaining walls, sound walls	$ 5,280,053	$ 1,320,013	$ 6,600,066
40.06 Temporary facilities and other indirect costs during construction	$ 68,921,096	$ 6,892,110	$ 75,813,206
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 84,716,294	$ 16,943,259	$ 101,659,553
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 267,310,992	$ 48,997,658	$ 316,308,650
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 267,310,992	$ 48,997,658	$ 316,308,650
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 44,105,231	$ 6,615,785	$ 50,721,016
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 6,849,636	$ 1,027,445	$ 7,877,081
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 50,954,867	$ 7,643,230	$ 58,598,097
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 88,633,888	$ 13,295,083	$ 101,928,971
60.03 Traction power distribution: Catenary and third rai	$ 75,588,582	$ 11,338,287	$ 86,926,870
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 164,222,470	$ 24,633,371	$ 188,855,841
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 24 Mainline**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 123,774,179	$ -	$ 123,774,179
80.04 Project management for design and construction	$ 69,310,708	$ -	$ 69,310,708
80.05 Construction administration & management	$ 92,414,277	$ -	$ 92,414,277
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 11,551,785	$ -	$ 11,551,785
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 14,847,236	$ -	$ 14,847,236
Total for Category 80 PROFESSIONAL SERVICES	$ 311,898,185	$ -	$ 311,898,185
Subtotal (10-80)	**$ 2,370,714,845**	**$ 251,540,270**	**$ 2,622,255,114**
90 UNALLOCATED CONTINGENCY			**$ 102,940,833**
Subtotal (10-90)			**$ 2,725,195,947**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 2,725,195,947**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 24 Merced Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 789,305,734	$ 78,930,573	$ 868,236,308
10.02 Track structure: Major/Movable bridge	$ 30,003,446	$ 3,000,345	$ 33,003,791
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 2,069,686	$ 206,969	$ 2,276,655
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 10,975,535	$ 2,195,107	$ 13,170,642
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 30,418,184	$ 3,041,818	$ 33,460,003
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 105,613,069	$ 15,841,960	$ 121,455,029
10.09 Track new construction: Conventional ballasted	$ 8,032,639	$ 1,204,896	$ 9,237,535
10.10 Track new construction: Non-ballasted	$ 43,151,000	$ 6,472,650	$ 49,623,650
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 3,887,741	$ 583,161	$ 4,470,902
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 1,023,457,035	$ 111,477,479	$ 1,134,934,514
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 8,729,757	$ 2,182,439	$ 10,912,196
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 4,512,560	$ 1,128,140	$ 5,640,700
40.02 Site utilities, utility relocation	$ 32,446,619	$ 8,111,655	$ 40,558,274
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 5,552,926	$ 832,939	$ 6,385,864
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 33,429,591	$ 6,685,918	$ 40,115,509
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 44,572,788	$ 4,457,279	$ 49,030,067
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 39,620,802	$ 7,924,160	$ 47,544,963
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 160,135,286	$ 29,140,091	$ 189,275,377
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 160,135,286	$ 29,140,091	$ 189,275,377
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 36,468,726	$ 5,470,309	$ 41,939,034
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 5,663,670	$ 849,551	$ 6,513,221
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 42,132,396	$ 6,319,859	$ 48,452,255
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 73,137,002	$ 10,970,550	$ 84,107,552
60.03 Traction power distribution: Catenary and third rai	$ 62,500,959	$ 9,375,144	$ 71,876,103
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 135,637,961	$ 20,345,694	$ 155,983,656
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 24 Merced Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 80,107,325	$ -	$ 80,107,325
80.04 Project management for design and construction	$ 46,186,740	$ -	$ 46,186,740
80.05 Construction administration & management	$ 61,582,320	$ -	$ 61,582,320
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 7,697,790	$ -	$ 7,697,790
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 12,266,155	$ -	$ 12,266,155
Total for Category 80 PROFESSIONAL SERVICES	$ 207,840,330	$ -	$ 207,840,330
Subtotal (10-80)	**$ 1,577,932,764**	**$ 169,465,563**	**$ 1,747,398,327**
90 UNALLOCATED CONTINGENCY			**$ 68,504,622**
Subtotal (10-90)			**$ 1,815,902,949**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,815,902,949**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction UPRR 24 Wye Connection**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 109,212,693	$ 10,921,269	$ 120,133,962
10.02	Track structure: Major/Movable bridge	$ 21,138,792	$ 2,113,879	$ 23,252,671
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 1,327,112	$ 132,711	$ 1,459,823
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 26,542,241	$ 2,654,224	$ 29,196,465
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 26,943,234	$ 4,041,485	$ 30,984,719
10.09	Track new construction: Conventional ballasted	$ 44,709,297	$ 6,706,395	$ 51,415,692
10.10	Track new construction: Non-ballasted	$ 3,694,924	$ 554,239	$ 4,249,163
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 4,128,885	$ 619,333	$ 4,748,218
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 237,697,177	$ 27,743,535	$ 265,440,711
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 1,611,946	$ 402,987	$ 2,014,933
40.02	Site utilities, utility relocation	$ 15,449,703	$ 3,862,426	$ 19,312,129
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 2,644,068	$ 396,610	$ 3,040,678
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 8,879,576	$ 1,775,915	$ 10,655,491
40.05	Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06	Temporary facilities and other indirect costs during construction	$ 11,839,435	$ 1,183,943	$ 13,023,378
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 38,582,971	$ 7,716,594	$ 46,299,566
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 79,007,699	$ 15,338,475	$ 94,346,175
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 79,007,699	$ 15,338,475	$ 94,346,175
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 17,364,860	$ 2,604,729	$ 19,969,589
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 2,696,799	$ 404,520	$ 3,101,319
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 20,061,659	$ 3,009,249	$ 23,070,908
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 34,618,389	$ 5,192,758	$ 39,811,147
60.03	Traction power distribution: Catenary and third rai	$ 29,760,305	$ 4,464,046	$ 34,224,350
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 64,378,694	$ 9,656,804	$ 74,035,498
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction UPRR 24 Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 21,587,213	$ -	$ 21,587,213
80.04 Project management for design and construction	$ 13,706,799	$ -	$ 13,706,799
80.05 Construction administration & management	$ 18,275,732	$ -	$ 18,275,732
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,284,466	$ -	$ 2,284,466
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 5,826,384	$ -	$ 5,826,384
Total for Category 80 PROFESSIONAL SERVICES	$ 61,680,594	$ -	$ 61,680,594
Subtotal (10-80)	**$ 462,825,823**	**$ 55,748,063**	**$ 518,573,886**
90 UNALLOCATED CONTINGENCY			**$ 20,057,261**
Subtotal (10-90)			**$ 538,631,147**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 538,631,147**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction BNSF 21 Mainline**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 294,425,855	$ 29,442,586	$ 323,868,441
10.02	Track structure: Major/Movable bridge	$ 32,049,136	$ 3,204,914	$ 35,254,049
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 2,201,930	$ 220,193	$ 2,422,123
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 44,038,607	$ 4,403,861	$ 48,442,468
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 85,320,240	$ 12,798,036	$ 98,118,276
10.09	Track new construction: Conventional ballasted	$ 57,195,788	$ 8,579,368	$ 65,775,156
10.10	Track new construction: Non-ballasted	$ 18,656,505	$ 2,798,476	$ 21,454,980
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ -	$ -	$ -
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 533,888,061	$ 61,447,433	$ 595,335,494
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 7,611,298	$ 1,902,825	$ 9,514,123
40.02	Site utilities, utility relocation	$ -	$ -	$ -
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 5,410,936	$ 811,640	$ 6,222,577
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 19,999,495	$ 3,999,899	$ 23,999,394
40.05	Site structures including retaining walls, sound walls	$ 25,703,791	$ 6,425,948	$ 32,129,739
40.06	Temporary facilities and other indirect costs during construction	$ 26,665,994	$ 2,666,599	$ 29,332,593
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 94,035,757	$ 18,807,151	$ 112,842,908
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 179,427,272	$ 34,614,063	$ 214,041,334
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 179,427,272	$ 34,614,063	$ 214,041,334
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 35,536,215	$ 5,330,432	$ 40,866,647
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 5,518,849	$ 827,827	$ 6,346,677
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 41,055,064	$ 6,158,260	$ 47,213,324
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 72,084,196	$ 10,812,629	$ 82,896,825
60.03	Traction power distribution: Catenary and third rai	$ 60,902,801	$ 9,135,420	$ 70,038,221
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 132,986,996	$ 19,948,049	$ 152,935,046
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Mainline**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 48,562,610	$ -	$ 48,562,610
80.04 Project management for design and construction	$ 30,285,756	$ -	$ 30,285,756
80.05 Construction administration & management	$ 40,381,008	$ -	$ 40,381,008
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 5,047,626	$ -	$ 5,047,626
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 12,008,902	$ -	$ 12,008,902
Total for Category 80 PROFESSIONAL SERVICES	$ 136,285,902	$ -	$ 136,285,902
Subtotal (10-80)	**$ 1,023,643,295**	**$ 122,167,804**	**$ 1,145,811,099**
90 UNALLOCATED CONTINGENCY			**$ 44,367,870**
Subtotal (10-90)			**$ 1,190,178,969**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,190,178,969**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction BNSF 21 Marposa Way Le Grand**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 291,716,947	$ 29,171,695	$ 320,888,641
10.02	Track structure: Major/Movable bridge	$ 27,275,860	$ 2,727,586	$ 30,003,446
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 3,686,483	$ 368,648	$ 4,055,131
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ 12,672,256	$ 2,534,451	$ 15,206,708
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 61,057,402	$ 6,105,740	$ 67,163,143
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 68,596,210	$ 10,289,431	$ 78,885,641
10.09	Track new construction: Conventional ballasted	$ 80,443,489	$ 12,066,523	$ 92,510,012
10.10	Track new construction: Non-ballasted	$ 13,595,717	$ 2,039,358	$ 15,635,074
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 4,724,306	$ 708,646	$ 5,432,952
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 563,768,669	$ 66,012,079	$ 629,780,748
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ 8,729,757	$ 2,182,439	$ 10,912,196
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 6,297,699	$ 1,574,425	$ 7,872,123
40.02	Site utilities, utility relocation	$ -	$ -	$ -
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,754,077	$ 1,013,111	$ 7,767,188
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 18,594,826	$ 3,718,965	$ 22,313,791
40.05	Site structures including retaining walls, sound walls	$ 2,566,692	$ 641,673	$ 3,208,365
40.06	Temporary facilities and other indirect costs during construction	$ 24,793,101	$ 2,479,310	$ 27,272,411
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 31,710,639	$ 6,342,128	$ 38,052,767
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 90,717,034	$ 15,769,612	$ 106,486,646
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 90,717,034	$ 15,769,612	$ 106,486,646
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 44,357,261	$ 6,653,589	$ 51,010,851
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 6,888,776	$ 1,033,316	$ 7,922,093
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 51,246,038	$ 7,686,906	$ 58,932,943
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 89,167,194	$ 13,375,079	$ 102,542,273
60.03	Traction power distribution: Catenary and third rai	$ 76,020,517	$ 11,403,078	$ 87,423,595
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 165,187,711	$ 24,778,157	$ 189,965,868
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Marposa Way Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 44,830,775	$ -	$ 44,830,775
80.04 Project management for design and construction	$ 29,882,352	$ -	$ 29,882,352
80.05 Construction administration & management	$ 39,843,136	$ -	$ 39,843,136
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 4,980,392	$ -	$ 4,980,392
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 14,933,929	$ -	$ 14,933,929
Total for Category 80 PROFESSIONAL SERVICES	$ 134,470,584	$ -	$ 134,470,584
Subtotal (10-80)	**$ 1,014,119,792**	**$ 116,429,192**	**$ 1,130,548,985**
90 UNALLOCATED CONTINGENCY			**$ 43,982,460**
Subtotal (10-90)			**$ 1,174,531,445**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,174,531,445**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 128,067,880	$ 12,806,788	$ 140,874,668
10.02 Track structure: Major/Movable bridge	$ 4,773,276	$ 477,328	$ 5,250,603
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 633,002	$ 63,300	$ 696,302
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 12,660,040	$ 1,266,004	$ 13,926,044
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 73,748,572	$ 11,062,286	$ 84,810,858
10.09 Track new construction: Conventional ballasted	$ 21,910,485	$ 3,286,573	$ 25,197,058
10.10 Track new construction: Non-ballasted	$ 4,951,159	$ 742,674	$ 5,693,832
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,128,885	$ 619,333	$ 4,748,218
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 250,873,298	$ 30,324,285	$ 281,197,583
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 362,407	$ 90,602	$ 453,009
40.02 Site utilities, utility relocation	$ -	$ -	$ -
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,483,211	$ 222,482	$ 1,705,692
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 7,676,456	$ 1,535,291	$ 9,211,748
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 10,235,275	$ 1,023,528	$ 11,258,803
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 3,162,966	$ 632,593	$ 3,795,559
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 22,920,315	$ 3,504,495	$ 26,424,810
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 22,920,315	$ 3,504,495	$ 26,424,810
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 9,740,955	$ 1,461,143	$ 11,202,099
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 1,512,791	$ 226,919	$ 1,739,710
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 11,253,746	$ 1,688,062	$ 12,941,808
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 19,405,005	$ 2,910,751	$ 22,315,756
60.03 Traction power distribution: Catenary and third rai	$ 16,694,278	$ 2,504,142	$ 19,198,420
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 36,099,283	$ 5,414,893	$ 41,514,176
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 18,457,344	$ -	$ 18,457,344
80.04 Project management for design and construction	$ 10,862,351	$ -	$ 10,862,351
80.05 Construction administration & management	$ 14,483,135	$ -	$ 14,483,135
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 1,810,392	$ -	$ 1,810,392
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 3,267,359	$ -	$ 3,267,359
Total for Category 80 PROFESSIONAL SERVICES	$ 48,880,581	$ -	$ 48,880,581
Subtotal (10-80)	**$ 370,027,224**	**$ 40,931,735**	**$ 410,958,958**
90 UNALLOCATED CONTINGENCY			**$ 16,057,332**
Subtotal (10-90)			**$ 427,016,291**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 427,016,291**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction BNSF 24 Mainline**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 283,916,297	$ 28,391,630	$ 312,307,926
10.02	Track structure: Major/Movable bridge	$ 36,822,411	$ 3,682,241	$ 40,504,652
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 3,732,319	$ 373,232	$ 4,105,551
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ 15,198,675	$ 3,039,735	$ 18,238,410
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 59,447,698	$ 5,944,770	$ 65,392,468
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 112,263,474	$ 16,839,521	$ 129,102,995
10.09	Track new construction: Conventional ballasted	$ 87,436,672	$ 13,115,501	$ 100,552,172
10.10	Track new construction: Non-ballasted	$ 19,025,940	$ 2,853,891	$ 21,879,831
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 1,398,882	$ 209,832	$ 1,608,714
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 619,242,367	$ 74,450,353	$ 693,692,720
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ 8,729,757	$ 2,182,439	$ 10,912,196
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 9,384,062	$ 2,346,016	$ 11,730,078
40.02	Site utilities, utility relocation	$ 45,452,175	$ 11,363,044	$ 56,815,218
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 7,778,701	$ 1,166,805	$ 8,945,506
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 24,389,270	$ 4,877,854	$ 29,267,124
40.05	Site structures including retaining walls, sound walls	$ 15,271,518	$ 3,817,880	$ 19,089,398
40.06	Temporary facilities and other indirect costs during construction	$ 32,519,027	$ 3,251,903	$ 35,770,929
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 107,117,086	$ 21,423,417	$ 128,540,503
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 241,911,838	$ 48,246,918	$ 290,158,756
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 241,911,838	$ 48,246,918	$ 290,158,756
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 51,086,459	$ 7,662,969	$ 58,749,428
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 7,933,835	$ 1,190,075	$ 9,123,910
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 59,020,294	$ 8,853,044	$ 67,873,339
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 102,845,420	$ 15,426,813	$ 118,272,233
60.03	Traction power distribution: Catenary and third rai	$ 87,553,175	$ 13,132,976	$ 100,686,151
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 190,398,595	$ 28,559,789	$ 218,958,384
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Mainline**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 59,685,820	$ -	$ 59,685,820
80.04 Project management for design and construction	$ 38,447,862	$ -	$ 38,447,862
80.05 Construction administration & management	$ 51,263,816	$ -	$ 51,263,816
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 6,407,977	$ -	$ 6,407,977
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 17,209,903	$ -	$ 17,209,903
Total for Category 80 PROFESSIONAL SERVICES	$ 173,015,378	$ -	$ 173,015,378
Subtotal (10-80)	**$ 1,292,318,229**	**$ 162,292,543**	**$ 1,454,610,772**
90 UNALLOCATED CONTINGENCY			**$ 55,965,143**
Subtotal (10-90)			**$ 1,510,575,915**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,510,575,915**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction BNSF 24 Mariposa Way Le Grand**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 290,299,643	$ 29,029,964	$ 319,329,608
10.02	Track structure: Major/Movable bridge	$ 38,186,204	$ 3,818,620	$ 42,004,825
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 3,177,360	$ 317,736	$ 3,495,096
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ 8,255,756	$ 1,651,151	$ 9,906,907
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 55,291,444	$ 5,529,144	$ 60,820,588
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 68,596,210	$ 10,289,431	$ 78,885,641
10.09	Track new construction: Conventional ballasted	$ 71,081,574	$ 10,662,236	$ 81,743,810
10.10	Track new construction: Non-ballasted	$ 13,429,609	$ 2,014,441	$ 15,444,051
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 5,995,863	$ 899,379	$ 6,895,243
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 554,313,664	$ 64,212,105	$ 618,525,769
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 6,297,699	$ 1,574,425	$ 7,872,123
40.02	Site utilities, utility relocation	$ 36,325,862	$ 9,081,466	$ 45,407,328
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,216,821	$ 932,523	$ 7,149,344
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 20,093,711	$ 4,018,742	$ 24,112,454
40.05	Site structures including retaining walls, sound walls	$ 2,566,692	$ 641,673	$ 3,208,365
40.06	Temporary facilities and other indirect costs during construction	$ 26,791,615	$ 2,679,162	$ 29,470,777
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 64,069,645	$ 12,813,929	$ 76,883,574
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 162,362,046	$ 31,741,919	$ 194,103,965
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 162,362,046	$ 31,741,919	$ 194,103,965
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 40,828,843	$ 6,124,326	$ 46,953,169
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 6,340,805	$ 951,121	$ 7,291,926
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 47,169,648	$ 7,075,447	$ 54,245,096
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 82,246,057	$ 12,336,909	$ 94,582,965
60.03	Traction power distribution: Catenary and third rai	$ 69,973,431	$ 10,496,015	$ 80,469,445
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 152,219,487	$ 22,832,923	$ 175,052,410
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Mariposa Way Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 48,757,784	$ -	$ 48,757,784
80.04 Project management for design and construction	$ 31,257,817	$ -	$ 31,257,817
80.05 Construction administration & management	$ 41,677,090	$ -	$ 41,677,090
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 5,209,636	$ -	$ 5,209,636
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 13,757,850	$ -	$ 13,757,850
Total for Category 80 PROFESSIONAL SERVICES	$ 140,660,177	$ -	$ 140,660,177
Subtotal (10-80)	**$ 1,056,725,022**	**$ 125,862,394**	**$ 1,182,587,417**
90 UNALLOCATED CONTINGENCY			**$ 45,803,242**
Subtotal (10-90)			**$ 1,228,390,659**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,228,390,659**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 185,836,151	$ 18,583,615	$ 204,419,767
10.02 Track structure: Major/Movable bridge	$ 10,910,344	$ 1,091,034	$ 12,001,378
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 623,949	$ 62,395	$ 686,344
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 12,478,983	$ 1,247,898	$ 13,726,881
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 40,679,000	$ 6,101,850	$ 46,780,850
10.09 Track new construction: Conventional ballasted	$ 13,070,814	$ 1,960,622	$ 15,031,437
10.10 Track new construction: Non-ballasted	$ 6,650,773	$ 997,616	$ 7,648,388
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 9,193,962	$ 1,379,094	$ 10,573,057
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 279,443,977	$ 31,424,125	$ 310,868,102
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 768,621	$ 192,155	$ 960,776
40.02 Site utilities, utility relocation	$ 7,904,239	$ 1,976,060	$ 9,880,298
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,352,734	$ 202,910	$ 1,555,644
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 9,006,746	$ 1,801,349	$ 10,808,095
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 12,008,994	$ 1,200,899	$ 13,209,894
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 10,755,288	$ 2,151,058	$ 12,906,345
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 41,796,621	$ 7,524,431	$ 49,321,053
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 41,796,621	$ 7,524,431	$ 49,321,053
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 9,854,369	$ 1,478,155	$ 11,332,524
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 1,530,404	$ 229,561	$ 1,759,965
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 11,384,773	$ 1,707,716	$ 13,092,489
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 19,886,254	$ 2,982,938	$ 22,869,192
60.03 Traction power distribution: Catenary and third rai	$ 16,888,649	$ 2,533,297	$ 19,421,946
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 36,774,903	$ 5,516,235	$ 42,291,138
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 21,611,349	$ -	$ 21,611,349
80.04 Project management for design and construction	$ 12,467,183	$ -	$ 12,467,183
80.05 Construction administration & management	$ 16,622,911	$ -	$ 16,622,911
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,077,864	$ -	$ 2,077,864
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 3,323,018	$ -	$ 3,323,018
Total for Category 80 PROFESSIONAL SERVICES	$ 56,102,326	$ -	$ 56,102,326
Subtotal (10-80)	**$ 425,502,600**	**$ 46,172,508**	**$ 471,675,107**
90 UNALLOCATED CONTINGENCY			**$ 18,470,014**
Subtotal (10-90)			**$ 490,145,121**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 490,145,121**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction Hybrid Ave 24 Mainline**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 137,181,388	$ 13,718,139	$ 150,899,527
10.02 Track structure: Major/Movable bridge	$ 30,003,446	$ 3,000,345	$ 33,003,791
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 3,474,230	$ 347,423	$ 3,821,654
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 69,484,609	$ 6,948,461	$ 76,433,070
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 29,110,439	$ 4,366,566	$ 33,477,005
10.09 Track new construction: Conventional ballasted	$ 80,691,769	$ 12,103,765	$ 92,795,534
10.10 Track new construction: Non-ballasted	$ 8,349,248	$ 1,252,387	$ 9,601,635
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 1,914,039	$ 287,106	$ 2,201,145
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 360,209,168	$ 42,024,192	$ 402,233,360
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ 11,937,521	$ 2,984,380	$ 14,921,901
30.05 Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 20,667,277	$ 5,166,819	$ 25,834,097
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 9,406,633	$ 2,351,658	$ 11,758,292
40.02 Site utilities, utility relocation	$ 39,151,207	$ 9,787,802	$ 48,939,009
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,700,351	$ 1,005,053	$ 7,705,404
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 16,606,347	$ 3,321,269	$ 19,927,617
40.05 Site structures including retaining walls, sound walls	$ 11,202,358	$ 2,800,589	$ 14,002,947
40.06 Temporary facilities and other indirect costs during constructior	$ 22,141,796	$ 2,214,180	$ 24,355,976
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 106,207,910	$ 21,241,582	$ 127,449,492
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 211,416,603	$ 42,722,133	$ 254,138,736
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 211,416,603	$ 42,722,133	$ 254,138,736
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 44,004,419	$ 6,600,663	$ 50,605,082
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 6,833,979	$ 1,025,097	$ 7,859,076
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 50,838,399	$ 7,625,760	$ 58,464,159
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 88,953,709	$ 13,343,056	$ 102,296,765
60.03 Traction power distribution: Catenary and third rai	$ 75,415,808	$ 11,312,371	$ 86,728,180
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 164,369,517	$ 24,655,428	$ 189,024,944
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:		**MCD-FNO Cost Reduction Hybrid Ave 24 Mainline**	
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 40,932,372	$ -	$ 40,932,372
80.04 Project management for design and construction	$ 27,890,859	$ -	$ 27,890,859
80.05 Construction administration & management	$ 37,187,812	$ -	$ 37,187,812
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 4,648,476	$ -	$ 4,648,476
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 14,849,346	$ -	$ 14,849,346
Total for Category 80 PROFESSIONAL SERVICES	$ 125,508,865	$ -	$ 125,508,865
Subtotal (10-80)	**$ 933,009,829**	**$ 122,194,332**	**$ 1,055,204,161**
90 UNALLOCATED CONTINGENCY			**$ 40,375,048**
Subtotal (10-90)			**$ 1,095,579,209**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,095,579,209**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction Hybrid Ave 24 Merced Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 80,468,874	$ 8,046,887	$ 88,515,761
10.02 Track structure: Major/Movable bridge	$ 8,182,758	$ 818,276	$ 9,001,034
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 912,747	$ 91,275	$ 1,004,022
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 5,874,606	$ 1,174,921	$ 7,049,527
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 12,380,331	$ 1,238,033	$ 13,618,364
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 108,004,188	$ 16,200,628	$ 124,204,816
10.09 Track new construction: Conventional ballasted	$ 22,730,076	$ 3,409,511	$ 26,139,587
10.10 Track new construction: Non-ballasted	$ -	$ -	$ -
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 3,978,482	$ 596,772	$ 4,575,254
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 242,532,062	$ 31,576,304	$ 274,108,366
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 887,821	$ 221,955	$ 1,109,777
40.02 Site utilities, utility relocation	$ 10,314,751	$ 2,578,688	$ 12,893,439
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,765,270	$ 264,791	$ 2,030,061
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 7,746,614	$ 1,549,323	$ 9,295,936
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 10,328,818	$ 1,032,882	$ 11,361,700
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 2,720,554	$ 544,111	$ 3,264,664
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 33,763,828	$ 6,191,749	$ 39,955,577
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 33,763,828	$ 6,191,749	$ 39,955,577
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 11,593,375	$ 1,739,006	$ 13,332,381
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 1,800,476	$ 270,071	$ 2,070,547
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 13,393,851	$ 2,009,078	$ 15,402,928
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 24,342,985	$ 3,651,448	$ 27,994,433
60.03 Traction power distribution: Catenary and third rai	$ 19,868,999	$ 2,980,350	$ 22,849,349
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 44,211,984	$ 6,631,798	$ 50,843,781
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:		**MCD-FNO Cost Reduction Hybrid Ave 24 Merced Connection**	
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 18,843,837	$ -	$ 18,843,837
80.04 Project management for design and construction	$ 11,409,320	$ -	$ 11,409,320
80.05 Construction administration & management	$ 15,212,426	$ -	$ 15,212,426
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 1,901,553	$ -	$ 1,901,553
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 3,974,803	$ -	$ 3,974,803
Total for Category 80 PROFESSIONAL SERVICES	$ 51,341,938	$ -	$ 51,341,938
Subtotal (10-80)	**$ 385,243,662**	**$ 46,408,928**	**$ 431,652,590**
90 UNALLOCATED CONTINGENCY			**$ 16,695,086**
Subtotal (10-90)			**$ 448,347,676**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 448,347,676**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction Hybrid Ave 24 Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 173,002,007	$ 17,300,201	$ 190,302,207
10.02 Track structure: Major/Movable bridge	$ 36,140,515	$ 3,614,051	$ 39,754,566
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 1,328,651	$ 132,865	$ 1,461,516
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 26,573,017	$ 2,657,302	$ 29,230,318
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 55,700,946	$ 8,355,142	$ 64,056,088
10.09 Track new construction: Conventional ballasted	$ 28,995,094	$ 4,349,264	$ 33,344,358
10.10 Track new construction: Non-ballasted	$ 5,339,165	$ 800,875	$ 6,140,040
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,128,885	$ 619,333	$ 4,748,218
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 331,208,280	$ 37,829,033	$ 369,037,312
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 1,882,828	$ 470,707	$ 2,353,535
40.02 Site utilities, utility relocation	$ 14,720,944	$ 3,680,236	$ 18,401,180
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 2,519,347	$ 377,902	$ 2,897,249
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 11,538,581	$ 2,307,716	$ 13,846,297
40.05 Site structures including retaining walls, sound walls	$ 1,028,221	$ 257,055	$ 1,285,276
40.06 Temporary facilities and other indirect costs during construction	$ 15,384,774	$ 1,538,477	$ 16,923,252
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 33,259,737	$ 6,651,947	$ 39,911,684
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 80,334,432	$ 15,284,041	$ 95,618,473
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 80,334,432	$ 15,284,041	$ 95,618,473
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 16,545,763	$ 2,481,864	$ 19,027,627
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 2,569,592	$ 385,439	$ 2,955,031
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 19,115,354	$ 2,867,303	$ 21,982,658
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 32,752,913	$ 4,912,937	$ 37,665,849
60.03 Traction power distribution: Catenary and third rai	$ 28,356,517	$ 4,253,478	$ 32,609,994
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 61,109,429	$ 9,166,414	$ 70,275,844
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:		**MCD-FNO Cost Reduction Hybrid Ave 24 Wye Connection**	
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 27,879,347	$ -	$ 27,879,347
80.04 Project management for design and construction	$ 16,707,429	$ -	$ 16,707,429
80.05 Construction administration & management	$ 22,276,571	$ -	$ 22,276,571
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,784,571	$ -	$ 2,784,571
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 5,535,510	$ -	$ 5,535,510
Total for Category 80 PROFESSIONAL SERVICES	$ 75,183,429	$ -	$ 75,183,429
Subtotal (10-80)	**$ 566,950,924**	**$ 65,146,791**	**$ 632,097,715**
90 UNALLOCATED CONTINGENCY			**$ 24,588,375**
Subtotal (10-90)			**$ 656,686,090**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 656,686,090**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction South of San Joaquin River to Clinton Ave**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 100,768,026	$ 10,076,803	$ 110,844,828
10.02 Track structure: Major/Movable bridge	$ -	$ -	$ -
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 435,752	$ 43,575	$ 479,328
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 3,917,670	$ 783,534	$ 4,701,204
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 4,797,378	$ 479,738	$ 5,277,116
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 17,375,833	$ 2,606,375	$ 19,982,208
10.09 Track new construction: Conventional ballasted	$ 13,687,459	$ 2,053,119	$ 15,740,577
10.10 Track new construction: Non-ballasted	$ 5,652,367	$ 847,855	$ 6,500,222
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ -	$ -	$ -
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 146,634,486	$ 16,890,999	$ 163,525,484
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 14,246,172	$ 3,561,543	$ 17,807,715
40.02 Site utilities, utility relocation	$ 7,926,662	$ 1,981,665	$ 9,908,327
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,356,572	$ 203,486	$ 1,560,057
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 10,144,279	$ 2,028,856	$ 12,173,135
40.05 Site structures including retaining walls, sound walls	$ 23,938,837	$ 5,984,709	$ 29,923,547
40.06 Temporary facilities and other indirect costs during construction	$ 13,525,706	$ 1,352,571	$ 14,878,276
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 144,039,914	$ 28,807,983	$ 172,847,897
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 215,178,142	$ 43,920,813	$ 259,098,954
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 215,178,142	$ 43,920,813	$ 259,098,954
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 8,909,257	$ 1,336,389	$ 10,245,645
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 1,383,626	$ 207,544	$ 1,591,170
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 10,292,883	$ 1,543,932	$ 11,836,816
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 17,773,594	$ 2,666,039	$ 20,439,633
60.03 Traction power distribution: Catenary and third rai	$ 15,268,894	$ 2,290,334	$ 17,559,228
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 33,042,488	$ 4,956,373	$ 37,998,861
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction South of San Joaquin River to Clinton Ave**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 25,357,466	$ -	$ 25,357,466
80.04 Project management for design and construction	$ 14,173,803	$ -	$ 14,173,803
80.05 Construction administration & management	$ 18,898,405	$ -	$ 18,898,405
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,362,301	$ -	$ 2,362,301
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 2,990,141	$ -	$ 2,990,141
Total for Category 80 PROFESSIONAL SERVICES	$ 63,782,116	$ -	$ 63,782,116
Subtotal (10-80)	**$ 468,930,114**	**$ 67,312,117**	**$ 536,242,231**
90 UNALLOCATED CONTINGENCY			**$ 20,257,400**
Subtotal (10-90)			**$ 556,499,631**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 556,499,631**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction Clinton Ave to Fresno Option 1 - Station @ Kern St.**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ -	$ -	$ -
10.02 Track structure: Major/Movable bridge	$ 5,898,666	$ 589,867	$ 6,488,533
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 368,531	$ 36,853	$ 405,384
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 7,370,621	$ 1,474,124	$ 8,844,745
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ -	$ -	$ -
10.07 Track structure: Tunnel	$ 17,706,308	$ 4,426,577	$ 22,132,885
10.08 Track structure: Retaining walls and systems	$ 94,034,368	$ 14,105,155	$ 108,139,523
10.09 Track new construction: Conventional ballasted	$ 10,807,618	$ 1,621,143	$ 12,428,761
10.10 Track new construction: Non-ballasted	$ 4,802,665	$ 720,400	$ 5,523,064
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,394,920	$ 659,238	$ 5,054,158
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 145,383,697	$ 23,633,356	$ 169,017,053
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ 68,000,000	$ 17,000,000	$ 85,000,000
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ 68,000,000	$ 17,000,000	$ 85,000,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ 652,734	$ 163,184	$ 815,918
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 652,734	$ 163,184	$ 815,918
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 2,798,943	$ 699,736	$ 3,498,679
40.02 Site utilities, utility relocation	$ 840,876	$ 210,219	$ 1,051,096
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ -	$ -	$ -
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 10,064,390	$ 2,012,878	$ 12,077,268
40.05 Site structures including retaining walls, sound walls	$ 49,001,673	$ 12,250,418	$ 61,252,092
40.06 Temporary facilities and other indirect costs during construction	$ 13,419,187	$ 1,341,919	$ 14,761,105
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 68,801,745	$ 13,760,349	$ 82,562,094
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 144,926,814	$ 30,275,519	$ 175,202,333
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 144,926,814	$ 30,275,519	$ 175,202,333
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 6,187,334	$ 928,100	$ 7,115,434
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 906,109	$ 135,916	$ 1,042,025
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 7,093,443	$ 1,064,016	$ 8,157,459
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 12,971,391	$ 1,945,709	$ 14,917,099
60.03 Traction power distribution: Catenary and third rai	$ 9,394,581	$ 1,409,187	$ 10,803,768
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 22,365,972	$ 3,354,896	$ 25,720,867
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction Clinton Ave to Fresno Option 1 - Station @ Kern St.**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 25,802,118	$ -	$ 25,802,118
80.04 Project management for design and construction	$ 13,917,409	$ -	$ 13,917,409
80.05 Construction administration & management	$ 18,556,545	$ -	$ 18,556,545
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,319,568	$ -	$ 2,319,568
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 2,032,700	$ -	$ 2,032,700
Total for Category 80 PROFESSIONAL SERVICES	$ 62,628,340	$ -	$ 62,628,340
Subtotal (10-80)	**$ 451,051,000**	**$ 75,490,971**	**$ 526,541,971**
90 UNALLOCATED CONTINGENCY			**$ 19,421,133**
Subtotal (10-90)			**$ 545,963,104**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 545,963,104**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction Clinton Ave to Fresno Option 2-Station @ Mariposa St.**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ -	$ -	$ -
10.02 Track structure: Major/Movable bridge	$ 5,898,666	$ 589,867	$ 6,488,533
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 355,648	$ 35,565	$ 391,212
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 7,112,954	$ 1,422,591	$ 8,535,545
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ -	$ -	$ -
10.07 Track structure: Tunnel	$ 17,706,308	$ 4,426,577	$ 22,132,885
10.08 Track structure: Retaining walls and systems	$ 94,034,368	$ 14,105,155	$ 108,139,523
10.09 Track new construction: Conventional ballasted	$ 10,535,845	$ 1,580,377	$ 12,116,222
10.10 Track new construction: Non-ballasted	$ 4,802,665	$ 720,400	$ 5,523,064
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,394,920	$ 659,238	$ 5,054,158
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 144,841,374	$ 23,539,769	$ 168,381,143
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ 68,000,000	$ 17,000,000	$ 85,000,000
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ 68,000,000	$ 17,000,000	$ 85,000,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ 652,734	$ 163,184	$ 815,918
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 652,734	$ 163,184	$ 815,918
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 2,798,943	$ 699,736	$ 3,498,679
40.02 Site utilities, utility relocation	$ 840,876	$ 210,219	$ 1,051,096
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 814,953	$ 122,243	$ 937,196
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 10,072,569	$ 2,014,514	$ 12,087,083
40.05 Site structures including retaining walls, sound walls	$ 49,001,673	$ 12,250,418	$ 61,252,092
40.06 Temporary facilities and other indirect costs during construction	$ 13,430,092	$ 1,343,009	$ 14,773,101
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 68,801,745	$ 13,760,349	$ 82,562,094
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 145,760,851	$ 30,400,488	$ 176,161,339
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 145,760,851	$ 30,400,488	$ 176,161,339
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 6,061,319	$ 909,198	$ 6,970,517
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 886,539	$ 132,981	$ 1,019,519
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 6,947,857	$ 1,042,179	$ 7,990,036
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 12,724,207	$ 1,908,631	$ 14,632,838
60.03 Traction power distribution: Catenary and third rai	$ 9,178,614	$ 1,376,792	$ 10,555,406
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 21,902,821	$ 3,285,423	$ 25,188,244
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction Clinton Ave to Fresno Option 2-Station @ Mariposa St.**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 25,821,504	$ -	$ 25,821,504
80.04 Project management for design and construction	$ 13,906,100	$ -	$ 13,906,100
80.05 Construction administration & management	$ 18,541,467	$ -	$ 18,541,467
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,317,683	$ -	$ 2,317,683
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 1,990,697	$ -	$ 1,990,697
Total for Category 80 PROFESSIONAL SERVICES	$ 62,577,452	$ -	$ 62,577,452
Subtotal (10-80)	**$ 450,683,089**	**$ 75,431,042**	**$ 526,114,131**
90 UNALLOCATED CONTINGENCY			**$ 19,405,282**
Subtotal (10-90)			**$ 545,519,413**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 545,519,413**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction WCDO Mainline**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 1,255,717,493	$ 125,571,749	$ 1,381,289,243
10.02	Track structure: Major/Movable bridge	$ 36,822,411	$ 3,682,241	$ 40,504,652
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 1,633,040	$ 163,304	$ 1,796,344
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ 3,301,728	$ 660,346	$ 3,962,074
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 29,359,071	$ 2,935,907	$ 32,294,978
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 32,139,959	$ 4,820,994	$ 36,960,953
10.09	Track new construction: Conventional ballasted	$ 36,368,121	$ 5,455,218	$ 41,823,339
10.10	Track new construction: Non-ballasted	$ 71,190,266	$ 10,678,540	$ 81,868,806
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 745,824	$ 111,874	$ 857,698
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 1,467,277,914	$ 154,080,173	$ 1,621,358,086
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ 11,937,521	$ 2,984,380	$ 14,921,901
30.05	Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ 20,667,277	$ 5,166,819	$ 25,834,097
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 4,986,046	$ 1,246,512	$ 6,232,558
40.02	Site utilities, utility relocation	$ 38,108,521	$ 9,527,130	$ 47,635,651
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,521,905	$ 978,286	$ 7,500,191
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 47,680,801	$ 9,536,160	$ 57,216,961
40.05	Site structures including retaining walls, sound walls	$ 2,942,626	$ 735,656	$ 3,678,282
40.06	Temporary facilities and other indirect costs during construction	$ 63,574,401	$ 6,357,440	$ 69,931,841
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 48,855,737	$ 9,771,147	$ 58,626,885
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 212,670,037	$ 38,152,332	$ 250,822,369
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 212,670,037	$ 38,152,332	$ 250,822,369
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 42,832,480	$ 6,424,872	$ 49,257,353
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 6,651,975	$ 997,796	$ 7,649,771
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 49,484,455	$ 7,422,668	$ 56,907,123
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 86,396,119	$ 12,959,418	$ 99,355,536
60.03	Traction power distribution: Catenary and third rai	$ 73,407,312	$ 11,011,097	$ 84,418,409
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 159,803,430	$ 23,970,515	$ 183,773,945
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction WCDO Mainline**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 113,880,873	$ -	$ 113,880,873
80.04 Project management for design and construction	$ 64,160,869	$ -	$ 64,160,869
80.05 Construction administration & management	$ 85,547,825	$ -	$ 85,547,825
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 10,693,478	$ -	$ 10,693,478
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 14,440,864	$ -	$ 14,440,864
Total for Category 80 PROFESSIONAL SERVICES	$ 288,723,909	$ -	$ 288,723,909
Subtotal (10-80)	**$ 2,198,627,022**	**$ 228,792,507**	**$ 2,427,419,529**
90 UNALLOCATED CONTINGENCY			**$ 95,495,156**
Subtotal (10-90)			**$ 2,522,914,685**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 2,522,914,685**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction WCDO Merced Connection**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 80,387,331	$ 8,038,733	$ 88,426,064
10.02	Track structure: Major/Movable bridge	$ 15,001,723	$ 1,500,172	$ 16,501,895
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 912,747	$ 91,275	$ 1,004,022
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ 5,874,606	$ 1,174,921	$ 7,049,527
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 12,380,331	$ 1,238,033	$ 13,618,364
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 108,004,188	$ 16,200,628	$ 124,204,816
10.09	Track new construction: Conventional ballasted	$ 22,730,076	$ 3,409,511	$ 26,139,587
10.10	Track new construction: Non-ballasted	$ -	$ -	$ -
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 4,209,149	$ 631,372	$ 4,840,521
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 249,500,150	$ 32,284,646	$ 281,784,796
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 887,821	$ 221,955	$ 1,109,777
40.02	Site utilities, utility relocation	$ 10,314,751	$ 2,578,688	$ 12,893,439
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,765,270	$ 264,791	$ 2,030,061
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 7,955,656	$ 1,591,131	$ 9,546,788
40.05	Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06	Temporary facilities and other indirect costs during construction	$ 10,607,542	$ 1,060,754	$ 11,668,296
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 2,720,554	$ 544,111	$ 3,264,664
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 34,251,594	$ 6,261,430	$ 40,513,024
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 34,251,594	$ 6,261,430	$ 40,513,024
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 11,593,375	$ 1,739,006	$ 13,332,381
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 1,800,476	$ 270,071	$ 2,070,547
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 13,393,851	$ 2,009,078	$ 15,402,928
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 23,786,478	$ 3,567,972	$ 27,354,450
60.03	Traction power distribution: Catenary and third rai	$ 19,868,999	$ 2,980,350	$ 22,849,349
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 43,655,477	$ 6,548,322	$ 50,203,799
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction WCDO Merced Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 19,337,869	$ -	$ 19,337,869
80.04 Project management for design and construction	$ 11,637,136	$ -	$ 11,637,136
80.05 Construction administration & management	$ 15,516,182	$ -	$ 15,516,182
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 1,939,523	$ -	$ 1,939,523
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 3,936,404	$ -	$ 3,936,404
Total for Category 80 PROFESSIONAL SERVICES	$ 52,367,114	$ -	$ 52,367,114
Subtotal (10-80)	**$ 393,168,186**	**$ 47,103,475**	**$ 440,271,661**
90 UNALLOCATED CONTINGENCY			**$ 17,040,054**
Subtotal (10-90)			**$ 457,311,715**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 457,311,715**

Detailed Capital Cost Budget				
Environmental Segment:		**MCD-FNO Cost Reduction WCDO Wye Connection**		
		Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track				
10.01	Track structure: Viaduct	$ 193,809,827	$ 19,380,983	$ 213,190,810
10.02	Track structure: Major/Movable bridge	$ 29,321,550	$ 2,932,155	$ 32,253,705
10.03	Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04	Track structure: Culverts and drainage structures	$ 1,328,651	$ 132,865	$ 1,461,516
10.05	Track structure: Cut and Fill (> 4' height/depth)	$ -	$ -	$ -
10.06	Track structure: At-grade (grading and subgrade stabilization)	$ 26,573,017	$ 2,657,302	$ 29,230,318
10.07	Track structure: Tunnel	$ -	$ -	$ -
10.08	Track structure: Retaining walls and systems	$ 55,700,946	$ 8,355,142	$ 64,056,088
10.09	Track new construction: Conventional ballasted	$ 28,995,094	$ 4,349,264	$ 33,344,358
10.10	Track new construction: Non-ballasted	$ 6,318,320	$ 947,748	$ 7,266,068
10.11	Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12	Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14	Track: Special track work (switches, turnouts, insulated joints)	$ 6,193,328	$ 928,999	$ 7,122,327
10.15	Track: Major interlockings	$ -	$ -	$ -
10.16	Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17	Track: Vibration and noise dampening	$ -	$ -	$ -
10.18	Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track		$ 348,240,733	$ 39,684,458	$ 387,925,190
20 STATIONS, TERMINALS, INTERMODAL				
20.01	Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02	Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03	Platforms	$ -	$ -	$ -
20.04	Elevators, escalators	$ -	$ -	$ -
20.05	Joint commercial development	$ -	$ -	$ -
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07	Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08	Fare collection systems and equipment	$ -	$ -	$ -
20.09	Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL		$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				
30.01	Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02	Light maintenance facility	$ -	$ -	$ -
30.03	Heavy maintenance facility	$ -	$ -	$ -
30.04	Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05	Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				
40.01	Demolition, clearing, site preparation	$ 1,882,828	$ 470,707	$ 2,353,535
40.02	Site utilities, utility relocation	$ 15,023,659	$ 3,755,915	$ 18,779,574
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 2,571,154	$ 385,673	$ 2,956,827
40.04	Environmental mitigation: wetlands, historic/archeology, parks	$ 12,060,190	$ 2,412,038	$ 14,472,228
40.05	Site structures including retaining walls, sound walls	$ 1,028,221	$ 257,055	$ 1,285,276
40.06	Temporary facilities and other indirect costs during construction	$ 16,080,253	$ 1,608,025	$ 17,688,279
40.07	Purchase or lease of real estate	$ -	$ -	$ -
40.08	Highway/pedestrian overpass/grade separations	$ 33,259,737	$ 6,651,947	$ 39,911,684
40.09	Relocation of existing households and businesses	$ -	$ -	$ -
	Subtotal for Sitework, Land & Existing Improvements	$ 81,906,042	$ 15,541,361	$ 97,447,403
	Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		$ 81,906,042	$ 15,541,361	$ 97,447,403
50 COMMUNICATIONS & SIGNALING				
50.01	Wayside signaling equipment	$ 16,886,003	$ 2,532,900	$ 19,418,903
50.02	Signal power access and distribution	$ -	$ -	$ -
50.03	On-board signaling equipment	$ -	$ -	$ -
50.04	Traffic control and dispatching systems	$ -	$ -	$ -
50.05	Communications	$ 2,622,432	$ 393,365	$ 3,015,797
50.06	Grade crossing protection	$ -	$ -	$ -
50.07	Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08	Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING		$ 19,508,435	$ 2,926,265	$ 22,434,700
60 ELECTRIC TRACTION				
60.01	Traction power transmission: High voltage	$ -	$ -	$ -
60.02	Traction power supply: Substations	$ 33,976,814	$ 5,096,522	$ 39,073,337
60.03	Traction power distribution: Catenary and third rai	$ 28,939,629	$ 4,340,944	$ 33,280,573
60.04	Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION		$ 62,916,443	$ 9,437,466	$ 72,353,910
70 VEHICLES				
70.00	Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01	Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02	Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03	Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction WCDO Wye Connection**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 29,122,356	$ -	$ 29,122,356
80.04 Project management for design and construction	$ 17,404,836	$ -	$ 17,404,836
80.05 Construction administration & management	$ 23,206,448	$ -	$ 23,206,448
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 2,900,806	$ -	$ 2,900,806
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 5,687,317	$ -	$ 5,687,317
Total for Category 80 PROFESSIONAL SERVICES	$ 78,321,762	$ -	$ 78,321,762
Subtotal (10-80)	**$ 590,893,415**	**$ 67,589,550**	**$ 658,482,966**
90 UNALLOCATED CONTINGENCY			**$ 25,628,583**
Subtotal (10-90)			**$ 684,111,548**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 684,111,548**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO HYBRID Ave 21 MAINLINE**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 108,006,877	$ 10,800,688	$ 118,807,564
10.02 Track structure: Major/Movable bridge	$ 30,003,446	$ 3,000,345	$ 33,003,791
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 3,137,500	$ 313,750	$ 3,451,250
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 7,436,454	$ 1,487,291	$ 8,923,745
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 55,313,551	$ 5,531,355	$ 60,844,907
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 72,675,935	$ 10,901,390	$ 83,577,325
10.09 Track new construction: Conventional ballasted	$ 68,017,281	$ 10,202,592	$ 78,219,873
10.10 Track new construction: Non-ballasted	$ 7,425,658	$ 1,113,849	$ 8,539,507
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 1,398,882	$ 209,832	$ 1,608,714
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 353,415,585	$ 43,561,092	$ 396,976,676
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ 11,937,521	$ 2,984,380	$ 14,921,901
30.05 Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 20,667,277	$ 5,166,819	$ 25,834,097
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 8,427,174	$ 2,106,794	$ 10,533,968
40.02 Site utilities, utility relocation	$ 33,108,109	$ 8,277,027	$ 41,385,136
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 5,666,133	$ 849,920	$ 6,516,053
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 15,400,687	$ 3,080,137	$ 18,480,825
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 20,534,250	$ 2,053,425	$ 22,587,675
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 92,071,965	$ 18,414,393	$ 110,486,358
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 175,208,318	$ 34,781,696	$ 209,990,014
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 175,208,318	$ 34,781,696	$ 209,990,014
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 37,212,214	$ 5,581,832	$ 42,794,046
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 5,779,135	$ 866,870	$ 6,646,006
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 42,991,349	$ 6,448,702	$ 49,440,052
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 75,630,519	$ 11,344,578	$ 86,975,097
60.03 Traction power distribution: Catenary and third rai	$ 63,775,167	$ 9,566,275	$ 73,341,442
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 139,405,686	$ 20,910,853	$ 160,316,539
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO HYBRID Ave 21 MAINLINE**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 37,968,047	$ -	$ 37,968,047
80.04 Project management for design and construction	$ 25,276,721	$ -	$ 25,276,721
80.05 Construction administration & management	$ 33,702,295	$ -	$ 33,702,295
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 4,212,787	$ -	$ 4,212,787
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 12,585,395	$ -	$ 12,585,395
Total for Category 80 PROFESSIONAL SERVICES	$ 113,745,246	$ -	$ 113,745,246
Subtotal (10-80)	**$ 845,433,461**	**$ 110,869,162**	**$ 956,302,624**
90 UNALLOCATED CONTINGENCY			**$ 36,584,411**
Subtotal (10-90)			**$ 992,887,034**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 992,887,034**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO HYBRIDAve 21 MERCED CONNECTION**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 801,400,755	$ 80,140,076	$ 881,540,831
10.02 Track structure: Major/Movable bridge	$ 8,182,758	$ 818,276	$ 9,001,034
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 1,927,435	$ 192,744	$ 2,120,179
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 10,643,253	$ 2,128,651	$ 12,771,903
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 27,905,455	$ 2,790,546	$ 30,696,001
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 79,198,134	$ 11,879,720	$ 91,077,854
10.09 Track new construction: Conventional ballasted	$ 38,300,855	$ 5,745,128	$ 44,045,984
10.10 Track new construction: Non-ballasted	$ 42,578,842	$ 6,386,826	$ 48,965,669
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,954,973	$ 743,246	$ 5,698,219
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 1,015,092,461	$ 110,825,212	$ 1,125,917,672
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 4,558,194	$ 1,139,549	$ 5,697,743
40.02 Site utilities, utility relocation	$ 30,293,975	$ 7,573,494	$ 37,867,469
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 5,184,521	$ 777,678	$ 5,962,200
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 33,180,473	$ 6,636,095	$ 39,816,568
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 44,240,631	$ 4,424,063	$ 48,664,694
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 50,886,621	$ 10,177,324	$ 61,063,945
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 168,344,416	$ 30,728,202	$ 199,072,618
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 168,344,416	$ 30,728,202	$ 199,072,618
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 34,049,239	$ 5,107,386	$ 39,156,624
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 5,287,919	$ 793,188	$ 6,081,106
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 39,337,157	$ 5,900,574	$ 45,237,731
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 68,391,079	$ 10,258,662	$ 78,649,741
60.03 Traction power distribution: Catenary and third rai	$ 58,354,386	$ 8,753,158	$ 67,107,543
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 126,745,465	$ 19,011,820	$ 145,757,285
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO HYBRIDAve 21 MERCED CONNECTION**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 79,499,417	$ -	$ 79,499,417
80.04 Project management for design and construction	$ 45,479,559	$ -	$ 45,479,559
80.05 Construction administration & management	$ 60,639,412	$ -	$ 60,639,412
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 7,579,927	$ -	$ 7,579,927
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 11,459,701	$ -	$ 11,459,701
Total for Category 80 PROFESSIONAL SERVICES	$ 204,658,016	$ -	$ 204,658,016
Subtotal (10-80)	**$ 1,554,177,515**	**$ 166,465,807**	**$ 1,720,643,323**
90 UNALLOCATED CONTINGENCY			**$ 67,475,975**
Subtotal (10-90)			**$ 1,788,119,298**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,788,119,298**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO HYBRID Ave 21 WYE CONNECTION**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 77,148,234	$ 7,714,823	$ 84,863,058
10.02 Track structure: Major/Movable bridge	$ 36,140,515	$ 3,614,051	$ 39,754,566
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 780,560	$ 78,056	$ 858,616
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 1,001,324	$ 200,265	$ 1,201,589
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 14,609,881	$ 1,460,988	$ 16,070,869
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ -	$ -	$ -
10.09 Track new construction: Conventional ballasted	$ 13,406,921	$ 2,011,038	$ 15,417,959
10.10 Track new construction: Non-ballasted	$ 2,955,939	$ 443,391	$ 3,399,330
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,128,885	$ 619,333	$ 4,748,218
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 150,172,260	$ 16,141,946	$ 166,314,205
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 603,240	$ 150,810	$ 754,050
40.02 Site utilities, utility relocation	$ 6,940,034	$ 1,735,008	$ 8,675,042
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,187,720	$ 178,158	$ 1,365,878
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 5,015,605	$ 1,003,121	$ 6,018,726
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 6,687,473	$ 668,747	$ 7,356,220
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 8,283,568	$ 1,656,714	$ 9,940,282
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 28,717,639	$ 5,392,558	$ 34,110,197
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 28,717,639	$ 5,392,558	$ 34,110,197
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 7,800,325	$ 1,170,049	$ 8,970,374
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 1,211,407	$ 181,711	$ 1,393,118
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 9,011,732	$ 1,351,760	$ 10,363,492
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 15,598,380	$ 2,339,757	$ 17,938,137
60.03 Traction power distribution: Catenary and third rai	$ 13,368,381	$ 2,005,257	$ 15,373,638
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 28,966,760	$ 4,345,014	$ 33,311,774
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO HYBRID Ave 21 WYE CONNECTION**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 12,025,464	$ -	$ 12,025,464
80.04 Project management for design and construction	$ 7,322,990	$ -	$ 7,322,990
80.05 Construction administration & management	$ 9,763,987	$ -	$ 9,763,987
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 1,220,498	$ -	$ 1,220,498
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 2,620,516	$ -	$ 2,620,516
Total for Category 80 PROFESSIONAL SERVICES	$ 32,953,455	$ -	$ 32,953,455
Subtotal (10-80)	**$ 249,821,846**	**$ 27,231,278**	**$ 277,053,124**
90 UNALLOCATED CONTINGENCY			**$ 10,843,420**
Subtotal (10-90)			**$ 287,896,543**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 287,896,543**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO** **Avenue 21 From Road 8 to Road 14 (PTG portion)**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ -	$ -	$ -
10.02 Track structure: Major/Movable bridge	$ -	$ -	$ -
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 567,418	$ 56,742	$ 624,160
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 11,348,369	$ 2,269,674	$ 13,618,042
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ -	$ -	$ -
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ -	$ -	$ -
10.09 Track new construction: Conventional ballasted	$ 15,243,975	$ 2,286,596	$ 17,530,571
10.10 Track new construction: Non-ballasted	$ -	$ -	$ -
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ -	$ -	$ -
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 27,159,762	$ 4,613,012	$ 31,772,774
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ -	$ -	$ -
40.02 Site utilities, utility relocation	$ 6,917,610	$ 1,729,403	$ 8,647,013
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 1,183,882	$ 177,582	$ 1,361,465
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 1,841,395	$ 368,279	$ 2,209,674
40.05 Site structures including retaining walls, sound walls	$ -	$ -	$ -
40.06 Temporary facilities and other indirect costs during construction	$ 2,455,194	$ 245,519	$ 2,700,713
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 26,118,589	$ 5,223,718	$ 31,342,307
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 38,516,670	$ 7,744,501	$ 46,261,172
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 38,516,670	$ 7,744,501	$ 46,261,172
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 7,095,907	$ 1,064,386	$ 8,160,294
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 1,207,493	$ 181,124	$ 1,388,617
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 8,303,400	$ 1,245,510	$ 9,548,910
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 15,510,004	$ 2,326,501	$ 17,836,504
60.03 Traction power distribution: Catenary and third rai	$ 13,325,187	$ 1,998,778	$ 15,323,965
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 28,835,191	$ 4,325,279	$ 33,160,470
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO** **Avenue 21 From Road 8 to Road 14 (PTG portion)**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 4,682,037	$ -	$ 4,682,037
80.04 Project management for design and construction	$ 3,622,300	$ -	$ 3,622,300
80.05 Construction administration & management	$ 4,829,733	$ -	$ 4,829,733
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 603,717	$ -	$ 603,717
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 2,562,563	$ -	$ 2,562,563
Total for Category 80 PROFESSIONAL SERVICES	$ 16,300,349	$ -	$ 16,300,349
Subtotal (10-80)	**$ 119,115,373**	**$ 17,928,302**	**$ 137,043,674**
90 UNALLOCATED CONTINGENCY			**$ 5,140,751**
Subtotal (10-90)			**$ 142,184,426**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 142,184,426**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Marposa Way East Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 361,387,553	$ 36,138,755	$ 397,526,308
10.02 Track structure: Major/Movable bridge	$ 27,275,860	$ 2,727,586	$ 30,003,446
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 3,518,464	$ 351,846	$ 3,870,311
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 12,672,256	$ 2,534,451	$ 15,206,708
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 57,697,027	$ 5,769,703	$ 63,466,729
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 94,520,789	$ 14,178,118	$ 108,698,907
10.09 Track new construction: Conventional ballasted	$ 80,443,489	$ 12,066,523	$ 92,510,012
10.10 Track new construction: Non-ballasted	$ 13,595,717	$ 2,039,358	$ 15,635,074
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,724,306	$ 708,646	$ 5,432,952
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 655,835,459	$ 76,514,987	$ 732,350,446
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 8,729,757	$ 2,182,439	$ 10,912,196
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 6,297,699	$ 1,574,425	$ 7,872,123
40.02 Site utilities, utility relocation	$ -	$ -	$ -
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,754,077	$ 1,013,111	$ 7,767,188
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 21,356,830	$ 4,271,366	$ 25,628,196
40.05 Site structures including retaining walls, sound walls	$ 2,566,692	$ 641,673	$ 3,208,365
40.06 Temporary facilities and other indirect costs during construction	$ 28,475,773	$ 2,847,577	$ 31,323,350
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 31,710,639	$ 6,342,128	$ 38,052,767
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 97,161,709	$ 16,690,280	$ 113,851,989
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 97,161,709	$ 16,690,280	$ 113,851,989
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 44,357,261	$ 6,653,589	$ 51,010,851
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 6,888,776	$ 1,033,316	$ 7,922,093
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 51,246,038	$ 7,686,906	$ 58,932,943
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 89,167,194	$ 13,375,079	$ 102,542,273
60.03 Traction power distribution: Catenary and third rai	$ 76,020,517	$ 11,403,078	$ 87,423,595
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 165,187,711	$ 24,778,157	$ 189,965,868
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Marposa Way East Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 51,426,878	$ -	$ 51,426,878
80.04 Project management for design and construction	$ 33,180,403	$ -	$ 33,180,403
80.05 Construction administration & management	$ 44,240,538	$ -	$ 44,240,538
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 5,530,067	$ -	$ 5,530,067
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 14,933,929	$ -	$ 14,933,929
Total for Category 80 PROFESSIONAL SERVICES	$ 149,311,815	$ -	$ 149,311,815
Subtotal (10-80)	**$ 1,127,472,488**	**$ 127,852,768**	**$ 1,255,325,257**
90 UNALLOCATED CONTINGENCY			**$ 48,908,034**
Subtotal (10-90)			**$ 1,304,233,290**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,304,233,290**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Mission Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 309,402,562	$ 30,940,256	$ 340,342,818
10.02 Track structure: Major/Movable bridge	$ 27,275,860	$ 2,727,586	$ 30,003,446
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 3,610,211	$ 361,021	$ 3,971,232
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 12,672,256	$ 2,534,451	$ 15,206,708
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 59,531,969	$ 5,953,197	$ 65,485,166
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 81,803,677	$ 12,270,552	$ 94,074,229
10.09 Track new construction: Conventional ballasted	$ 80,443,489	$ 12,066,523	$ 92,510,012
10.10 Track new construction: Non-ballasted	$ 13,595,717	$ 2,039,358	$ 15,635,074
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,724,306	$ 708,646	$ 5,432,952
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 593,060,047	$ 69,601,590	$ 662,661,637
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 8,729,757	$ 2,182,439	$ 10,912,196
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 6,297,699	$ 1,574,425	$ 7,872,123
40.02 Site utilities, utility relocation	$ -	$ -	$ -
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,754,077	$ 1,013,111	$ 7,767,188
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 19,473,567	$ 3,894,713	$ 23,368,281
40.05 Site structures including retaining walls, sound walls	$ 2,566,692	$ 641,673	$ 3,208,365
40.06 Temporary facilities and other indirect costs during construction	$ 25,964,756	$ 2,596,476	$ 28,561,232
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 31,710,639	$ 6,342,128	$ 38,052,767
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 92,767,430	$ 16,062,526	$ 108,829,956
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 92,767,430	$ 16,062,526	$ 108,829,956
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 44,357,261	$ 6,653,589	$ 51,010,851
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 6,888,776	$ 1,033,316	$ 7,922,093
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 51,246,038	$ 7,686,906	$ 58,932,943
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 89,167,194	$ 13,375,079	$ 102,542,273
60.03 Traction power distribution: Catenary and third rai	$ 76,020,517	$ 11,403,078	$ 87,423,595
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 165,187,711	$ 24,778,157	$ 189,965,868
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Mission Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 46,944,227	$ -	$ 46,944,227
80.04 Project management for design and construction	$ 30,939,078	$ -	$ 30,939,078
80.05 Construction administration & management	$ 41,252,104	$ -	$ 41,252,104
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 5,156,513	$ -	$ 5,156,513
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 14,933,929	$ -	$ 14,933,929
Total for Category 80 PROFESSIONAL SERVICES	$ 139,225,851	$ -	$ 139,225,851
Subtotal (10-80)	**$ 1,050,216,833**	**$ 120,311,617**	**$ 1,170,528,451**
90 UNALLOCATED CONTINGENCY			**$ 45,549,549**
Subtotal (10-90)			**$ 1,216,078,000**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,216,078,000**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Mission East Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 395,151,000	$ 39,515,100	$ 434,666,100
10.02 Track structure: Major/Movable bridge	$ 27,275,860	$ 2,727,586	$ 30,003,446
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 3,447,719	$ 344,772	$ 3,792,491
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 12,672,256	$ 2,534,451	$ 15,206,708
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 56,282,132	$ 5,628,213	$ 61,910,345
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 81,803,677	$ 12,270,552	$ 94,074,229
10.09 Track new construction: Conventional ballasted	$ 80,443,489	$ 12,066,523	$ 92,510,012
10.10 Track new construction: Non-ballasted	$ 13,595,717	$ 2,039,358	$ 15,635,074
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 4,724,306	$ 708,646	$ 5,432,952
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 675,396,156	$ 77,835,201	$ 753,231,357
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ 8,729,757	$ 2,182,439	$ 10,912,196
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ 8,729,757	$ 2,182,439	$ 10,912,196
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 6,297,699	$ 1,574,425	$ 7,872,123
40.02 Site utilities, utility relocation	$ -	$ -	$ -
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,754,077	$ 1,013,111	$ 7,767,188
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 21,943,651	$ 4,388,730	$ 26,332,381
40.05 Site structures including retaining walls, sound walls	$ 2,566,692	$ 641,673	$ 3,208,365
40.06 Temporary facilities and other indirect costs during construction	$ 29,258,201	$ 2,925,820	$ 32,184,021
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 31,710,639	$ 6,342,128	$ 38,052,767
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 98,530,958	$ 16,885,887	$ 115,416,845
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 98,530,958	$ 16,885,887	$ 115,416,845
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 44,357,261	$ 6,653,589	$ 51,010,851
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 6,888,776	$ 1,033,316	$ 7,922,093
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 51,246,038	$ 7,686,906	$ 58,932,943
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 89,167,194	$ 13,375,079	$ 102,542,273
60.03 Traction power distribution: Catenary and third rai	$ 76,020,517	$ 11,403,078	$ 87,423,595
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 165,187,711	$ 24,778,157	$ 189,965,868
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 21 Mission East Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 52,773,624	$ -	$ 52,773,624
80.04 Project management for design and construction	$ 33,853,776	$ -	$ 33,853,776
80.05 Construction administration & management	$ 45,138,368	$ -	$ 45,138,368
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 5,642,296	$ -	$ 5,642,296
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 14,933,929	$ -	$ 14,933,929
Total for Category 80 PROFESSIONAL SERVICES	$ 152,341,993	$ -	$ 152,341,993
Subtotal (10-80)	**$ 1,151,432,612**	**$ 129,368,589**	**$ 1,280,801,202**
90 UNALLOCATED CONTINGENCY			**$ 49,954,531**
Subtotal (10-90)			**$ 1,330,755,733**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,330,755,733**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Mariposa Way East Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 359,970,249	$ 35,997,025	$ 395,967,274
10.02 Track structure: Major/Movable bridge	$ 38,186,204	$ 3,818,620	$ 42,004,825
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 3,009,341	$ 300,934	$ 3,310,275
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 8,255,756	$ 1,651,151	$ 9,906,907
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 51,931,068	$ 5,193,107	$ 57,124,175
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 81,803,677	$ 12,270,552	$ 94,074,229
10.09 Track new construction: Conventional ballasted	$ 71,081,574	$ 10,662,236	$ 81,743,810
10.10 Track new construction: Non-ballasted	$ 13,429,609	$ 2,014,441	$ 15,444,051
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 5,995,863	$ 899,379	$ 6,895,243
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 633,663,343	$ 72,807,446	$ 706,470,789
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 6,297,699	$ 1,574,425	$ 7,872,123
40.02 Site utilities, utility relocation	$ 36,325,862	$ 9,081,466	$ 45,407,328
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,216,821	$ 932,523	$ 7,149,344
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 22,474,202	$ 4,494,840	$ 26,969,042
40.05 Site structures including retaining walls, sound walls	$ 2,566,692	$ 641,673	$ 3,208,365
40.06 Temporary facilities and other indirect costs during construction	$ 29,965,602	$ 2,996,560	$ 32,962,163
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 64,069,645	$ 12,813,929	$ 76,883,574
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 167,916,523	$ 32,535,416	$ 200,451,939
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 167,916,523	$ 32,535,416	$ 200,451,939
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 40,828,843	$ 6,124,326	$ 46,953,169
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 6,340,805	$ 951,121	$ 7,291,926
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 47,169,648	$ 7,075,447	$ 54,245,096
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 82,246,057	$ 12,336,909	$ 94,582,965
60.03 Traction power distribution: Catenary and third rai	$ 69,973,431	$ 10,496,015	$ 80,469,445
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 152,219,487	$ 22,832,923	$ 175,052,410
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Mariposa Way East Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 54,415,364	$ -	$ 54,415,364
80.04 Project management for design and construction	$ 34,086,607	$ -	$ 34,086,607
80.05 Construction administration & management	$ 45,448,809	$ -	$ 45,448,809
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 5,681,101	$ -	$ 5,681,101
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 13,757,850	$ -	$ 13,757,850
Total for Category 80 PROFESSIONAL SERVICES	$ 153,389,732	$ -	$ 153,389,732
Subtotal (10-80)	**$ 1,154,358,733**	**$ 135,251,232**	**$ 1,289,609,966**
90 UNALLOCATED CONTINGENCY			**$ 50,048,450**
Subtotal (10-90)			**$ 1,339,658,416**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,339,658,416**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Mission Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 307,985,259	$ 30,798,526	$ 338,783,785
10.02 Track structure: Major/Movable bridge	$ 38,186,204	$ 3,818,620	$ 42,004,825
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 3,101,088	$ 310,109	$ 3,411,197
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 8,255,756	$ 1,651,151	$ 9,906,907
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 53,766,010	$ 5,376,601	$ 59,142,611
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 81,803,677	$ 12,270,552	$ 94,074,229
10.09 Track new construction: Conventional ballasted	$ 71,081,574	$ 10,662,236	$ 81,743,810
10.10 Track new construction: Non-ballasted	$ 13,429,609	$ 2,014,441	$ 15,444,051
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 5,995,863	$ 899,379	$ 6,895,243
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 583,605,041	$ 67,801,616	$ 651,406,657
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 6,297,699	$ 1,574,425	$ 7,872,123
40.02 Site utilities, utility relocation	$ 36,325,862	$ 9,081,466	$ 45,407,328
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,216,821	$ 932,523	$ 7,149,344
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 20,972,453	$ 4,194,491	$ 25,166,943
40.05 Site structures including retaining walls, sound walls	$ 2,566,692	$ 641,673	$ 3,208,365
40.06 Temporary facilities and other indirect costs during construction	$ 27,963,270	$ 2,796,327	$ 30,759,597
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 64,069,645	$ 12,813,929	$ 76,883,574
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 164,412,442	$ 32,034,833	$ 196,447,275
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 164,412,442	$ 32,034,833	$ 196,447,275
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 40,828,843	$ 6,124,326	$ 46,953,169
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 6,340,805	$ 951,121	$ 7,291,926
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 47,169,648	$ 7,075,447	$ 54,245,096
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 82,246,057	$ 12,336,909	$ 94,582,965
60.03 Traction power distribution: Catenary and third rai	$ 69,973,431	$ 10,496,015	$ 80,469,445
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 152,219,487	$ 22,832,923	$ 175,052,410
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Mission Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 50,871,236	$ -	$ 50,871,236
80.04 Project management for design and construction	$ 32,314,543	$ -	$ 32,314,543
80.05 Construction administration & management	$ 43,086,058	$ -	$ 43,086,058
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 5,385,757	$ -	$ 5,385,757
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 13,757,850	$ -	$ 13,757,850
Total for Category 80 PROFESSIONAL SERVICES	$ 145,415,444	$ -	$ 145,415,444
Subtotal (10-80)	**$ 1,092,822,063**	**$ 129,744,819**	**$ 1,222,566,882**
90 UNALLOCATED CONTINGENCY			**$ 47,370,331**
Subtotal (10-90)			**$ 1,269,937,213**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,269,937,213**

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Mission East Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
10 Track Structure & Track			
10.01 Track structure: Viaduct	$ 393,733,697	$ 39,373,370	$ 433,107,066
10.02 Track structure: Major/Movable bridge	$ 38,186,204	$ 3,818,620	$ 42,004,825
10.03 Track structure: Undergrade Bridges	$ -	$ -	$ -
10.04 Track structure: Culverts and drainage structures	$ 2,938,596	$ 293,860	$ 3,232,456
10.05 Track structure: Cut and Fill (> 4' height/depth)	$ 8,255,756	$ 1,651,151	$ 9,906,907
10.06 Track structure: At-grade (grading and subgrade stabilization)	$ 50,516,173	$ 5,051,617	$ 55,567,790
10.07 Track structure: Tunnel	$ -	$ -	$ -
10.08 Track structure: Retaining walls and systems	$ 81,803,677	$ 12,270,552	$ 94,074,229
10.09 Track new construction: Conventional ballasted	$ 71,081,574	$ 10,662,236	$ 81,743,810
10.10 Track new construction: Non-ballasted	$ 13,429,609	$ 2,014,441	$ 15,444,051
10.11 Track rehabilitation: Ballast and surfacing	$ -	$ -	$ -
10.12 Track rehabilitation: Ditching and drainage	$ -	$ -	$ -
10.13 Track rehabilitation: Component replacement (rail, ties, etc)	$ -	$ -	$ -
10.14 Track: Special track work (switches, turnouts, insulated joints)	$ 5,995,863	$ 899,379	$ 6,895,243
10.15 Track: Major interlockings	$ -	$ -	$ -
10.16 Track: Switch heaters (with power and control)	$ -	$ -	$ -
10.17 Track: Vibration and noise dampening	$ -	$ -	$ -
10.18 Other linear structures including fencing, sound walls	$ -	$ -	$ -
Total for Category 10 Track Structure & Track	$ 665,941,151	$ 76,035,227	$ 741,976,377
20 STATIONS, TERMINALS, INTERMODAL			
20.01 Station buildings: Intercity passenger rail only	$ -	$ -	$ -
20.02 Station buildings: Joint use (commuter rail, intercity bus)	$ -	$ -	$ -
20.03 Platforms	$ -	$ -	$ -
20.04 Elevators, escalators	$ -	$ -	$ -
20.05 Joint commercial development	$ -	$ -	$ -
20.06 Pedestrian / bike access and accommodation, landscaping, parking lots	$ -	$ -	$ -
20.07 Automobile, bus, van accessways including roads	$ -	$ -	$ -
20.08 Fare collection systems and equipment	$ -	$ -	$ -
20.09 Station security	$ -	$ -	$ -
Total for Category 20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS			
30.01 Administration building: Office, sales, storage, revenue counting	$ -	$ -	$ -
30.02 Light maintenance facility	$ -	$ -	$ -
30.03 Heavy maintenance facility	$ -	$ -	$ -
30.04 Storage or maintenance-of-way building/bases	$ -	$ -	$ -
30.05 Yard and yard track	$ -	$ -	$ -
Total for Category 30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS			
40.01 Demolition, clearing, site preparation	$ 6,297,699	$ 1,574,425	$ 7,872,123
40.02 Site utilities, utility relocation	$ 36,325,862	$ 9,081,466	$ 45,407,328
40.03 Hazardous material, contaminated soil removal/mitigation, ground water treatments	$ 6,216,821	$ 932,523	$ 7,149,344
40.04 Environmental mitigation: wetlands, historic/archeology, parks	$ 23,442,536	$ 4,688,507	$ 28,131,043
40.05 Site structures including retaining walls, sound walls	$ 2,566,692	$ 641,673	$ 3,208,365
40.06 Temporary facilities and other indirect costs during construction	$ 31,256,715	$ 3,125,671	$ 34,382,386
40.07 Purchase or lease of real estate	$ -	$ -	$ -
40.08 Highway/pedestrian overpass/grade separations	$ 64,069,645	$ 12,813,929	$ 76,883,574
40.09 Relocation of existing households and businesses	$ -	$ -	$ -
Subtotal for Sitework, Land & Existing Improvements	$ 170,175,970	$ 32,858,194	$ 203,034,164
Subtotal for Right of Way	$ -	$ -	$ -
Total for Category 40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ 170,175,970	$ 32,858,194	$ 203,034,164
50 COMMUNICATIONS & SIGNALING			
50.01 Wayside signaling equipment	$ 40,828,843	$ 6,124,326	$ 46,953,169
50.02 Signal power access and distribution	$ -	$ -	$ -
50.03 On-board signaling equipment	$ -	$ -	$ -
50.04 Traffic control and dispatching systems	$ -	$ -	$ -
50.05 Communications	$ 6,340,805	$ 951,121	$ 7,291,926
50.06 Grade crossing protection	$ -	$ -	$ -
50.07 Hazard detectors: dragging equipment high water, slide, etc.	$ -	$ -	$ -
50.08 Station train approach warning system	$ -	$ -	$ -
Total for Category 50 COMMUNICATIONS & SIGNALING	$ 47,169,648	$ 7,075,447	$ 54,245,096
60 ELECTRIC TRACTION			
60.01 Traction power transmission: High voltage	$ -	$ -	$ -
60.02 Traction power supply: Substations	$ 82,246,057	$ 12,336,909	$ 94,582,965
60.03 Traction power distribution: Catenary and third rai	$ 69,973,431	$ 10,496,015	$ 80,469,445
60.04 Traction power control	$ -	$ -	$ -
Total for Category 60 ELECTRIC TRACTION	$ 152,219,487	$ 22,832,923	$ 175,052,410
70 VEHICLES			
70.00 Vehicle acquisition: Electric locomotive	$ -	$ -	$ -
70.01 Vehicle acquisition: Non-electric locomotive	$ -	$ -	$ -
70.02 Vehicle acquisition: Electric multiple unit	$ -	$ -	$ -
70.03 Vehicle acquisition: Diesel multiple unit	$ -	$ -	$ -
70.04 Veh acq: Loco-hauled passenger cars w/ ticketed space	$ -	$ -	$ -

Detailed Capital Cost Budget			
Environmental Segment:	**MCD-FNO Cost Reduction BNSF 24 Mission East Le Grand**		
	Total Allocated Cost (Base Yr FY10 Dollars)	**Allocated Contingency (Base Yr FY10 Dollars)**	**TOTAL COST (Base Yr FY10 Dollars)**
70.05 Veh acq: Loco-hauled passenger cars w/o ticketed space	$ -	$ -	$ -
70.06 Vehicle acquisition: Maintenance of way vehicles	$ -	$ -	$ -
70.07 Vehicle acquisition: Non-railroad support vehicles	$ -	$ -	$ -
70.08 Vehicle refurbishment: Electric locomotive	$ -	$ -	$ -
70.09 Vehicle refurbishment: Non-electric locomotive	$ -	$ -	$ -
70.10 Vehicle refurbishment: Electric multiple unit	$ -	$ -	$ -
70.11 Vehicle refurbishment: Diesel multiple unit	$ -	$ -	$ -
70.12 Veh refurb: Passeng. loco-hauled car w/ ticketed space	$ -	$ -	$ -
70.13 Veh refurb: Non-passeng loco-hauled car w/o ticketed space	$ -	$ -	$ -
70.14 Vehicle refurbishment: Maintenance of way vehicles	$ -	$ -	$ -
70.15 Spare parts	$ -	$ -	$ -
Total for Category 70 VEHICLES	$ -	$ -	$ -
80 PROFESSIONAL SERVICES			
80.01 Service Development Plan/Service Environmental	$ -	$ -	$ -
80.02 Preliminary Engineering/Project Environmental	$ -	$ -	$ -
80.03 Final design	$ 56,700,632	$ -	$ 56,700,632
80.04 Project management for design and construction	$ 35,229,241	$ -	$ 35,229,241
80.05 Construction administration & management	$ 46,972,322	$ -	$ 46,972,322
80.06 Professional liability and other non-construction insurance	$ -	$ -	$ -
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.	$ 5,871,540	$ -	$ 5,871,540
80.08 Surveys, testing, investigation	$ -	$ -	$ -
80.09 Engineering inspection	$ -	$ -	$ -
80.10 Start up	$ 13,757,850	$ -	$ 13,757,850
Total for Category 80 PROFESSIONAL SERVICES	$ 158,531,586	$ -	$ 158,531,586
Subtotal (10-80)	**$ 1,194,037,842**	**$ 138,801,791**	**$ 1,332,839,634**
90 UNALLOCATED CONTINGENCY			**$ 51,775,313**
Subtotal (10-90)			**$ 1,384,614,946**
100 FINANCE CHARGES			
TOTAL CAPITAL COSTS (10-100)			**$ 1,384,614,946**

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Heavy Maintenance Facility	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 20,365,254
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	0.38	$ 20,365,254
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386		$ -
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ -
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650		$ -
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 2,343,420

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Heavy Maintenance Facility	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	1.06	$ 2,343,420
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 1,678,507
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248	0.19	$ 1,678,507
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 3,088,325
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	1.25	$ 3,088,325
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 1,403,856
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	0.38	$ 1,403,856
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Heavy Maintenance Facility	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ -
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ 227,944,740
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740	1.00	$ 227,944,740
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 78,586,172
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	22.50	$ 38,684,390
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	94.00	$ 38,730,952
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ -
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57		$ -
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 1,827,505
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	1.63	$ 1,827,505
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 312,760
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	1.63	$ 312,760
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Heavy Maintenance Facility	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 10,687,866
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 14,250,488
40.07	**Purchase or lease of real estate**					$ 19,818,150
40.08	**Highway/pedestrian overpass/grade separations**					$ 18,711,662
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,056,000.00	$ 18,711,662
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 2,054,044
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	1.63	$ 1,874,608
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	1.63	$ 179,436
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 318,997
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	1.63	$ 318,997
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 16,132,152
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	1.63	$ 4,029,091
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061	1.00	$ 12,103,061
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723		$ -
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784		$ -
60.03	**Traction power distribution: Catenary and third rail**					$ 15,629,445
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	1.63	$ 3,520,268
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186	22.50	$ 12,109,177
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Heavy Maintenance Facility Castle	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 288,329,123
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	5.38	$ 288,329,123
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386		$ -
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ -
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650		$ -
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 2,343,420

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Heavy Maintenance Facility Castle	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	1.06	$ 2,343,420
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 1,678,507
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248	0.19	$ 1,678,507
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 3,088,325
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	1.25	$ 3,088,325
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 19,875,642
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	5.38	$ 19,875,642
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Heavy Maintenance Facility Castle	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ -
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ 227,944,740
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740	1.00	$ 227,944,740
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 78,586,172
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	22.50	$ 38,684,390
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	94.00	$ 38,730,952
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ -
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57		$ -
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 7,433,348
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	6.63	$ 7,433,348
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,272,146
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	6.63	$ 1,272,146
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Heavy Maintenance Facility Castle	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 19,477,893
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 25,970,523
40.07	**Purchase or lease of real estate**					$ 19,047,600
40.08	**Highway/pedestrian overpass/grade separations**					$ 18,711,662
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,056,000.00	$ 18,711,662
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 8,354,791
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	6.63	$ 7,624,938
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	6.63	$ 729,853
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,297,517
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	6.63	$ 1,297,517
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 28,491,326
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	6.63	$ 16,388,264
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061	1.00	$ 12,103,061
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723		$ -
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784		$ -
60.03	**Traction power distribution: Catenary and third rail**					$ 26,427,814
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	6.63	$ 14,318,637
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186	22.50	$ 12,109,177
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Merced Dowtown	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ -
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386		$ -
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS			5%	$ -
10.02	**Track structure: Major/Movable bridge**					$ -
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650		$ -
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-	5%	$ -
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 1,332,163

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Merced Dowtown	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773		$ -
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053	0.43	$ 1,332,163
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ -
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 1,981,801
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660		$ -
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840	0.43	$ 1,981,801
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ -
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Merced Dowtown	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 1,201,028
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917	2.00	$ 1,087,834
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299	4.00	$ 113,195
20.01	**Station buildings: Intercity passenger rail only**					$ 68,000,000
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000	1.00	$ 68,000,000
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ -
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57		$ -
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 482,102
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	0.43	$ 482,102
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 82,507
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	0.43	$ 82,507
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Merced Dowtown	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 2,347,707
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 3,130,277
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 5,177,310
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310	1.00	$ 5,177,310
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18		$ -
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 812,796
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066		$ -
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099	0.43	$ 741,793
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083		$ -
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125	0.43	$ 71,004
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 105,191
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704		$ -
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630	0.43	$ 105,191
60.02	**Traction power supply: Substations**					$ 1,701,133
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835		$ -
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123	0.43	$ 1,701,133
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723		$ -
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784		$ -
60.03	**Traction power distribution: Catenary and third rail**					$ 1,392,990
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674		$ -
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511	0.43	$ 1,392,990

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Mainline	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 778,479,846
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	1.22	$ 65,383,184
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	10.25	$ 569,121,890
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367	1.00	$ 74,790,367
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162	0.81	$ 68,858,231
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	16.00	$ 326,173
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 48,349,216
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492	0.14	$ 6,753,529
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.61	$ 41,595,687
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 10,128,315
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413	0.78	$ 5,863,583
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	0.93	$ 4,264,732
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 24,163,754

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Mainline	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	10.93	$ 24,163,754
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 97,241,824
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.78	$ 72,675,935
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	0.93	$ 24,565,890
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 35,453,977
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	14.35	$ 35,453,977
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 50,464,961
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	0.14	$ 258,645
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	13.59	$ 50,206,316
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Mainline	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 1,398,882
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 10,206,765
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	48,032.00	$ 1,279,544
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	140,746.00	$ 8,020,367
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13	11,801.00	$ 153,625
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42	17,822.00	$ 753,229
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 31,403,932
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	28.01	$ 31,403,932
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 5,374,480
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	28.01	$ 5,374,480
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Mainline	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 35,522,995
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 3,489,158
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	1,130.00	$ 3,489,158
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 47,363,993
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 79,214,967
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	3.00	$ 9,488,897
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	4.00	$ 10,882,214
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	2,927,960.00	$ 51,881,628
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21	324,500	$ 6,962,229
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 35,296,787
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	28.01	$ 32,213,350
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	28.01	$ 3,083,437
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 5,481,665
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	28.01	$ 5,481,665
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 71,096,980
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	28.01	$ 69,236,090
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 60,492,463
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	28.01	$ 60,492,463
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Merced Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 742,925,233
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486	1.85	$ 87,180,299
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	5.05	$ 270,643,508
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	5.20	$ 288,725,252
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162	0.19	$ 16,151,931
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	11.00	$ 224,244
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 25,230,171
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.37	$ 25,230,171
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 13,864,547
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413	0.85	$ 6,389,801
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	1.63	$ 7,474,745
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 30,934,337

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Merced Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	3.02	$ 4,206,086
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	12.09	$ 26,728,251
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 122,254,478
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.85	$ 79,198,134
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.63	$ 43,056,344
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 45,884,175
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	3.02	$ 3,759,415
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	17.05	$ 42,124,760
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 42,614,936
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	1.85	$ 3,417,805
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	10.61	$ 39,197,131
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 5,995,863
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491	2.00	$ 4,596,981
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 8,981,247
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	30,121.00	$ 802,406
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	143,527.00	$ 8,178,841
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 33,747,175
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	30.10	$ 33,747,175
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 5,775,503
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	30.10	$ 5,775,503
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Merced Connection	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 34,310,665
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,834,555
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	918.00	$ 2,834,555
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 45,747,554
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 62,646,619
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	3.00	$ 8,161,661
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	3,074,880.00	$ 54,484,959
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 37,930,499
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	30.10	$ 34,616,988
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	30.10	$ 3,313,511
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 5,890,687
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	30.10	$ 5,890,687
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 76,521,898
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	30.10	$ 74,402,225
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	4.00	$ 1,035,135
60.03	**Traction power distribution: Catenary and third rail**					$ 65,006,181
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	30.10	$ 65,006,181
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Wye Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 250,219,678
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486	1.34	$ 63,146,811
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	0.98	$ 47,128,430
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463	1.57	$ 105,749,647
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437	0.44	$ 34,133,632
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	3.00	$ 61,157
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 17,366,217
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492	0.36	$ 17,366,217
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650		$ -
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 9,609,931

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Wye Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	6.90	$ 9,609,931
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773		$ -
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 20,867,799
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	0.79	$ 20,867,799
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 11,340,534
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	6.90	$ 8,589,392
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458	0.79	$ 2,751,141
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660		$ -
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 8,664,597
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	4.69	$ 8,664,597
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Wye Connection	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 6,661,424
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491	2.00	$ 4,596,981
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	2.00	$ 2,064,443
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 603,240
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	10,586.00	$ 603,240
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 7,388,501
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	6.59	$ 7,388,501
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,264,471
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	6.59	$ 1,264,471
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 21 Wye Connection	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 10,268,099
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 13,690,798
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 8,283,568
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	2.00	$ 6,325,931
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	110,480.00	$ 1,957,637
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 8,304,385
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	6.59	$ 7,578,935
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	6.59	$ 725,450
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,289,689
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	6.59	$ 1,289,689
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 16,548,174
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	6.59	$ 16,289,391
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723		$ -
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	1.00	$ 258,784
60.03	**Traction power distribution: Catenary and third rail**					$ 14,232,250
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	6.59	$ 14,232,250
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Mainline	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 1,258,101,180
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377	2.00	$ 73,248,755
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	6.29	$ 349,246,506
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228	0.30	$ 21,954,368
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367	9.94	$ 743,416,248
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574	0.81	$ 70,031,445
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	10.00	$ 203,858
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 47,050,859
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.69	$ 47,050,859
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 9,761,456
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413	0.78	$ 5,863,583
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	0.85	$ 3,897,873
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 26,462,958

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Mainline	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	11.97	$ 26,462,958
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 122,336,013
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.78	$ 72,675,935
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.88	$ 49,660,078
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 40,172,938
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	16.26	$ 40,172,938
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 69,232,823
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	2.00	$ 3,694,924
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	17.74	$ 65,537,899
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Mainline	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 1,398,882
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 10,746,125
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	48,032.00	$ 1,279,544
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	150,211.00	$ 8,559,727
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13	11,801.00	$ 153,625
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42	17,822.00	$ 753,229
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 39,240,901
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	35.00	$ 39,240,901
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,715,701
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	35.00	$ 6,715,701
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Mainline	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 51,636,485
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 5,280,053
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	1,710.00	$ 5,280,053
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 68,848,647
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 84,716,294
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	5.00	$ 15,814,828
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	4.00	$ 10,882,214
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750	1.00	$ 5,444,750
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,961,040.00	$ 34,748,407
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21	830,850	$ 17,826,095
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 44,105,231
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	35.00	$ 40,252,311
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	35.00	$ 3,852,920
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,849,636
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	35.00	$ 6,849,636
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 88,633,888
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	35.00	$ 86,514,215
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	4.00	$ 1,035,135
60.03	**Traction power distribution: Catenary and third rail**					$ 75,588,582
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	35.00	$ 75,588,582
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Merced Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 789,305,734
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	2.90	$ 139,461,681
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	3.49	$ 190,407,307
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	6.42	$ 356,464,638
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978	0.30	$ 22,849,794
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	6.00	$ 122,315
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 30,003,446
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.44	$ 30,003,446
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 10,975,535
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413	0.85	$ 6,389,801
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	1.00	$ 4,585,733
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 30,418,184

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Merced Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	1.57	$ 2,186,607
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	12.77	$ 28,231,577
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 105,613,069
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.85	$ 79,198,134
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.00	$ 26,414,935
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 8,032,639
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686	1.57	$ 2,913,427
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458	1.47	$ 5,119,213
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660		$ -
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 43,151,000
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	3.20	$ 5,911,878
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	10.08	$ 37,239,122
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 3,887,741
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429	2.00	$ 2,488,858
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 4,512,560
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	79,189.00	$ 4,512,560
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 32,446,619
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	28.94	$ 32,446,619
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 5,552,926
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	28.94	$ 5,552,926
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Merced Connection	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 33,367,500
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 44,490,001
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 39,620,802
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	1.00	$ 2,720,554
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	2,082,480.00	$ 36,900,249
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 36,468,726
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	28.94	$ 33,282,911
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	28.94	$ 3,185,814
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 5,663,670
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	28.94	$ 5,663,670
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 73,137,002
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	28.94	$ 71,534,896
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	2.00	$ 517,567
60.03	**Traction power distribution: Catenary and third rail**					$ 62,500,959
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	28.94	$ 62,500,959
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Wye Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 109,212,693
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	1.27	$ 61,074,598
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114	0.73	$ 47,995,393
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	7.00	$ 142,701
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 21,138,792
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.31	$ 21,138,792
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 26,542,241

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Wye Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	1.93	$ 2,687,995
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	10.79	$ 23,854,245
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 26,943,234
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.02	$ 26,943,234
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 44,709,297
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686	1.93	$ 3,581,474
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458	11.81	$ 41,127,823
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660		$ -
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 3,694,924
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	2.00	$ 3,694,924
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction UPRR 24 Wye Connection	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,128,885
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	4.00	$ 4,128,885
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 1,611,946
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	10,399.00	$ 277,023
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	23,426.00	$ 1,334,923
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 15,449,703
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	13.78	$ 15,449,703
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 2,644,068
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	13.78	$ 2,644,068
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 8,839,763
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 11,786,350
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 38,582,971
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	3.00	$ 9,488,897
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	1.00	$ 2,720,554
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,488,400.00	$ 26,373,521
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 17,364,860
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	13.78	$ 15,847,910
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	13.78	$ 1,516,950
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 2,696,799
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	13.78	$ 2,696,799
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 34,618,389
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	13.78	$ 34,061,882
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	1.00	$ 258,784
60.03	**Traction power distribution: Catenary and third rail**					$ 29,760,305
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	13.78	$ 29,760,305
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mainline	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 294,425,855
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	3.79	$ 203,116,613
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367	1.00	$ 74,790,367
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162	0.19	$ 16,151,931
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	18.00	$ 366,945
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 32,049,136
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.47	$ 32,049,136
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 44,038,607

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mainline	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	19.92	$ 44,038,607
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 85,320,240
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	3.23	$ 85,320,240
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 57,195,788
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	23.15	$ 57,195,788
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 18,656,505
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	5.05	$ 18,656,505
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mainline	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ -
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 7,611,298
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	133,567.43	$ 7,611,298
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ -
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169		$ -
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 5,410,936
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	28.20	$ 5,410,936
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mainline	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 19,933,437
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 25,703,791
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	8,324.44	$ 25,703,791
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 26,577,917
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 94,035,757
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	15.00	$ 47,444,484
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	1.00	$ 2,720,554
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750	3.00	$ 16,334,249
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100	1.00	$ 7,267,100
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,143,909.87	$ 20,269,370
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 35,536,215
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	28.20	$ 32,431,862
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	28.20	$ 3,104,353
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 5,518,849
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	28.20	$ 5,518,849
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 72,084,196
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	28.20	$ 69,705,739
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	5.00	$ 1,293,919
60.03	**Traction power distribution: Catenary and third rail**					$ 60,902,801
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	28.20	$ 60,902,801
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Marposa Way Le Grand	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 291,716,947
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377	0.88	$ 32,229,452
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	0.82	$ 37,850,081
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.52	$ 66,968,496
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.23	$ 12,548,333
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228	0.79	$ 57,813,170
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680	0.10	$ 7,890,468
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162	0.19	$ 16,151,931
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	13.00	$ 265,016
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 27,275,860
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.40	$ 27,275,860
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 12,672,256
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413	0.85	$ 6,389,801
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	1.37	$ 6,282,455
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 61,057,402

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Marposa Way Le Grand	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	4.14	$ 5,765,959
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	25.01	$ 55,291,444
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 68,596,210
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.85	$ 32,407,749
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.37	$ 36,188,461
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 80,443,489
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686	4.14	$ 7,682,540
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	29.45	$ 72,760,949
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 13,595,717
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	1.70	$ 3,140,685
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.83	$ 10,455,031
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,724,306
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	2.00	$ 2,064,443
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824	1.00	$ 745,824
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039	1.00	$ 1,914,039
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 6,297,699
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	110,515.63	$ 6,297,699
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ -
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169		$ -
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,754,077
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	35.20	$ 6,754,077
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Marposa Way Le Grand	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 18,484,231
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,566,692
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	831.25	$ 2,566,692
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 24,645,642
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 31,710,639
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	9.00	$ 28,466,690
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	183,073.51	$ 3,243,949
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 44,357,261
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	35.20	$ 40,482,325
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	35.20	$ 3,874,937
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,888,776
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	35.20	$ 6,888,776
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 89,167,194
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	35.20	$ 87,008,582
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 76,020,517
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	35.20	$ 76,020,517
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Wye Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 128,067,880
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	1.55	$ 71,545,886
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	0.69	$ 33,182,262
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978	0.15	$ 11,424,897
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523	0.15	$ 11,853,678
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	3.00	$ 61,157
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 4,773,276
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.07	$ 4,773,276
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 12,660,040

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Wye Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	9.09	$ 12,660,040
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773		$ -
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 73,748,572
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832	0.80	$ 35,711,065
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.44	$ 38,037,506
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 21,910,485
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686	9.89	$ 18,352,734
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	1.44	$ 3,557,751
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 4,951,159
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	2.54	$ 4,692,554
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	0.07	$ 258,605
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,128,885
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	4.00	$ 4,128,885
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 362,407
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	6,359.73	$ 362,407
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ -
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169		$ -
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,483,211
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	7.73	$ 1,483,211
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 7,657,466
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 10,209,955
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 3,162,966
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	1.00	$ 3,162,966
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18		$ -
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 9,740,955
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	7.73	$ 8,890,010
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	7.73	$ 850,945
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,512,791
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	7.73	$ 1,512,791
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 19,405,005
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	7.73	$ 19,107,282
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784		$ -
60.03	**Traction power distribution: Catenary and third rail**					$ 16,694,278
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	7.73	$ 16,694,278
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mainline	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 283,916,297
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.18	$ 51,988,701
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	1.73	$ 92,715,499
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.97	$ 52,921,228
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367	1.00	$ 74,790,367
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136	0.19	$ 11,235,486
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	13.00	$ 265,016
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 36,822,411
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.54	$ 36,822,411
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 15,198,675
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159	4.25	$ 15,198,675
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 59,447,698

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mainline	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	26.89	$ 59,447,698
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 112,263,474
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	4.25	$ 112,263,474
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 87,436,672
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	35.39	$ 87,436,672
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 19,025,940
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	5.15	$ 19,025,940
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mainline	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 1,398,882
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 9,384,062
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	164,676.91	$ 9,384,062
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 45,452,175
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	40.54	$ 45,452,175
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 7,778,701
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	40.54	$ 7,778,701
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mainline	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 24,277,300
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 15,271,518
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	4,945.84	$ 15,271,518
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 32,369,734
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 107,117,086
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	23.00	$ 72,748,209
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750	2.00	$ 10,889,499
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100	1.00	$ 7,267,100
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	914,946.24	$ 16,212,278
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 51,086,459
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	40.54	$ 46,623,677
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	40.54	$ 4,462,782
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 7,933,835
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	40.54	$ 7,933,835
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 102,845,420
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	40.54	$ 100,208,179
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	6.00	$ 1,552,702
60.03	**Traction power distribution: Catenary and third rail**					$ 87,553,175
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	40.54	$ 87,553,175
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mariposa Way Le Grand	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 290,299,643
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	1.46	$ 67,391,608
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486	0.73	$ 34,400,875
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.23	$ 54,191,612
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.23	$ 12,548,333
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	0.79	$ 43,864,029
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136	0.10	$ 5,913,414
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076	0.19	$ 11,643,214
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	17.00	$ 346,559
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 38,186,204
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.56	$ 38,186,204
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 8,255,756
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727	0.85	$ 3,356,418
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159	1.37	$ 4,899,338
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 55,291,444

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mariposa Way Le Grand	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	25.01	$ 55,291,444
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 68,596,210
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.85	$ 32,407,749
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.37	$ 36,188,461
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 71,081,574
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	1.37	$ 1,705,430
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	28.08	$ 69,376,144
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 13,429,609
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	2.19	$ 4,045,942
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.54	$ 9,383,668
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 5,995,863
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491	2.00	$ 4,596,981
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 6,297,699
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	110,515.63	$ 6,297,699
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 36,325,862
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	32.40	$ 36,325,862
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,216,821
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	32.40	$ 6,216,821
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mariposa Way Le Grand	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 19,998,391
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,566,692
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	831.25	$ 2,566,692
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 26,664,521
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 64,069,645
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	10.00	$ 31,629,656
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,830,763.51	$ 32,439,989
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 40,828,843
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	32.40	$ 37,262,140
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	32.40	$ 3,566,703
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,340,805
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	32.40	$ 6,340,805
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 82,246,057
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	32.40	$ 80,087,445
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 69,973,431
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	32.40	$ 69,973,431
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Wye Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 185,836,151
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486	0.88	$ 41,469,548
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	0.54	$ 25,968,727
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463	1.38	$ 92,951,919
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941	0.48	$ 25,425,572
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	1.00	$ 20,386
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 10,910,344
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.16	$ 10,910,344
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 12,478,983

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Wye Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	8.96	$ 12,478,983
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773		$ -
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 40,679,000
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.54	$ 40,679,000
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 13,070,814
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	10.50	$ 13,070,814
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660		$ -
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 6,650,773
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	3.28	$ 6,059,675
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	0.16	$ 591,097
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Wye Connection	
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10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 9,193,962
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491	4.00	$ 9,193,962
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 768,621
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	13,488.20	$ 768,621
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 7,904,239
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	7.05	$ 7,904,239
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,352,734
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	7.05	$ 1,352,734
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 8,988,027
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 11,984,036
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 10,755,288
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	2.00	$ 6,325,931
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	249,972.48	$ 4,429,357
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 9,854,369
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	7.82	$ 8,993,516
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	7.82	$ 860,852
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,530,404
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	7.82	$ 1,530,404
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 19,886,254
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	7.82	$ 19,329,747
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	1.00	$ 258,784
60.03	**Traction power distribution: Catenary and third rail**					$ 16,888,649
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	7.82	$ 16,888,649
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Mainline	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 137,181,388
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	1.53	$ 83,473,690
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228	0.73	$ 53,422,296
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	14.00	$ 285,401
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 30,003,446
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.44	$ 30,003,446
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 69,484,609

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Mainline	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	31.43	$ 69,484,609
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 29,110,439
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280	0.20	$ 1,903,056
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.03	$ 27,207,383
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 80,691,769
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	32.66	$ 80,691,769
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 8,349,248
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.26	$ 8,349,248
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Mainline	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 1,914,039
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039	1.00	$ 1,914,039
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ 11,937,521
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521	1.00	$ 11,937,521
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 9,406,633
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	165,073.00	$ 9,406,633
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 39,151,207
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	34.92	$ 39,151,207
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,700,351
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	34.92	$ 6,700,351
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Mainline	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 16,502,120
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 11,202,358
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	3,628.00	$ 11,202,358
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 22,002,827
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 106,207,910
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	22.00	$ 69,585,243
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	3.00	$ 8,161,661
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750	2.00	$ 10,889,499
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	991,654.90	$ 17,571,507
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 44,004,419
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	34.92	$ 40,160,306
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	34.92	$ 3,844,113
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,833,979
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	34.92	$ 6,833,979
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 88,953,709
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	34.92	$ 86,316,468
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	6.00	$ 1,552,702
60.03	**Traction power distribution: Catenary and third rail**					$ 75,415,808
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	34.92	$ 75,415,808
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Merced Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 80,468,874
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	23.00	$ 468,874
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 8,182,758
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.12	$ 8,182,758
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 5,874,606
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480	0.95	$ 2,435,306
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	0.75	$ 3,439,300
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 12,380,331

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Merced Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	5.60	$ 12,380,331
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 108,004,188
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.95	$ 36,220,425
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.75	$ 69,880,707
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280	0.20	$ 1,903,056
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 22,730,076
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	9.20	$ 22,730,076
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ -
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Merced Connection	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 3,978,482
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	2.00	$ 2,064,443
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039	1.00	$ 1,914,039
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 887,821
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	15,580.00	$ 887,821
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 10,314,751
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	9.20	$ 10,314,751
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,765,270
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	9.20	$ 1,765,270
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Merced Connection	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 7,719,231
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 10,292,308
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 2,720,554
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	1.00	$ 2,720,554
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18		$ -
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 11,593,375
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	9.20	$ 10,580,608
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	9.20	$ 1,012,768
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,800,476
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	9.20	$ 1,800,476
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 24,342,985
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	9.20	$ 22,740,879
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	2.00	$ 517,567
60.03	**Traction power distribution: Catenary and third rail**					$ 19,868,999
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	9.20	$ 19,868,999
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Wye Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 173,002,007
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	0.60	$ 27,695,181
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	1.81	$ 87,043,325
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218	0.31	$ 36,935,637
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848	0.17	$ 21,124,004
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	10.00	$ 203,858
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 36,140,515
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.53	$ 36,140,515
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 26,573,017

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Wye Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	11.00	$ 15,320,180
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	5.09	$ 11,252,837
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 55,700,946
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222	2.19	$ 55,700,946
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 28,995,094
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	13.19	$ 16,419,433
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	5.09	$ 12,575,661
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 5,339,165
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	2.89	$ 5,339,165
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Hybrid Ave 24 Wye Connection	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,128,885
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	4.00	$ 4,128,885
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 1,882,828
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	9,812.00	$ 261,386
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	28,454.00	$ 1,621,442
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 14,720,944
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	13.13	$ 14,720,944
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 2,519,347
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	13.13	$ 2,519,347
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 11,498,721
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 1,028,221
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	333.00	$ 1,028,221
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 15,331,628
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 33,259,737
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	1.00	$ 3,162,966
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	3.00	$ 8,161,661
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750	1.00	$ 5,444,750
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	930,640.00	$ 16,490,361
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 16,545,763
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	13.13	$ 15,100,367
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	13.13	$ 1,445,395
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 2,569,592
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	13.13	$ 2,569,592
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 32,752,913
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	13.13	$ 32,455,190
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784		$ -
60.03	**Traction power distribution: Catenary and third rail**					$ 28,356,517
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	13.13	$ 28,356,517
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction South of San Joaquin River to Clinton Ave	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 100,768,026
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	1.24	$ 66,455,039
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574	0.29	$ 25,072,986
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386		$ -
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000	0.10	$ 9,240,000
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ -
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650		$ -
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 3,917,670
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282	2.13	$ 3,917,670
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 4,797,378

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction South of San Joaquin River to Clinton Ave	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	2.17	$ 4,797,378
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 17,375,833
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280	0.91	$ 8,658,905
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	0.33	$ 8,716,929
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 13,687,459
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	5.54	$ 13,687,459
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 5,652,367
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	1.53	$ 5,652,367
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction South of San Joaquin River to Clinton Ave	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ -
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 14,246,172
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	250,000.00	$ 14,246,172
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 7,926,662
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	7.07	$ 7,926,662
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,356,572
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	7.07	$ 1,356,572
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction South of San Joaquin River to Clinton Ave	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 10,131,207
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 23,938,837
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820	10,736.00	$ 8,802,981
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209	72,472	$ 15,135,856
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 13,508,276
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 144,039,914
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567	1.00	$ 5,449,567
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18		$ -
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21	1,780,000	$ 38,190,347
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000	1.00	$ 100,400,000
50.01	**Wayside signaling equipment**					$ 8,909,257
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	7.07	$ 8,130,967
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	7.07	$ 778,290
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,383,626
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	7.07	$ 1,383,626
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 17,773,594
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	7.07	$ 17,475,871
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784		$ -
60.03	**Traction power distribution: Catenary and third rail**					$ 15,268,894
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	7.07	$ 15,268,894
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Clinton Ave to Fresno Option 1 - Station @ Kern St.	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ -
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386		$ -
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 5,898,666
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492	0.08	$ 3,859,159
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650		$ -
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335	0.02	$ 2,039,507
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 7,370,621
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670	0.99	$ 2,550,903
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282	0.95	$ 1,747,318
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404	0.72	$ 1,815,411
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050	0.39	$ 1,256,989
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Clinton Ave to Fresno Option 1 - Station @ Kern St.	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773		$ -
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ 17,706,308
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256	0.07	$ 17,706,308
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 94,034,368
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.32	$ 12,200,564
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.22	$ 20,498,341
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597	0.24	$ 39,949,103
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363	0.44	$ 21,386,360
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 10,807,618
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	1.94	$ 4,793,081
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840	0.72	$ 3,318,365
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261	0.39	$ 2,696,172
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 4,802,665
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	1.30	$ 4,802,665
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,394,920
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017	2.00	$ 266,035
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	4.00	$ 4,128,885
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ 68,000,000
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000	1.00	$ 68,000,000
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 652,734
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	0.14	$ 240,703
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	1.00	$ 412,031
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 2,798,943
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	104,160.00	$ 2,774,761
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57		$ -
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728	0.14	$ 24,182
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 840,876
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	0.75	$ 840,876
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ -
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877		$ -
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Clinton Ave to Fresno Option 1 - Station @ Kern St.	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 10,053,334
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 49,001,673
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	390.00	$ 1,204,223
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020	11,228.00	$ 45,137,452
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496	484.00	$ 2,659,999
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581	8,200.00	
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 13,404,445
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 68,801,745
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219	0.45	$ 1,820,349
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173	3.00	$ 14,166,520
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675	1.00	$ 4,195,675
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722	0.70	$ 3,452,205
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100	1.00	$ 7,267,100
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000	2.00	$ 30,000,000
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18		$ -
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21	359,100	$ 7,704,581
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553	6.00	$ 195,316
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 6,187,334
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	3.23	$ 3,714,713
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099	1.12	$ 1,932,111
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	3.23	$ 355,569
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125	1.12	$ 184,940
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 906,109
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	3.23	$ 632,124
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630	1.12	$ 273,985
60.02	**Traction power supply: Substations**					$ 12,971,391
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	3.23	$ 7,984,026
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123	1.12	$ 4,430,858
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	1.00	$ 258,784
60.03	**Traction power distribution: Catenary and third rail**					$ 9,394,581
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	4.35	$ 9,394,581
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Clinton Ave to Fresno Option 2-Station @ Mariposa St.	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ -
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386		$ -
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 5,898,666
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492	0.08	$ 3,859,159
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650		$ -
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335	0.02	$ 2,039,507
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 7,112,954
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670	0.89	$ 2,293,236
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282	0.95	$ 1,747,318
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404	0.72	$ 1,815,411
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050	0.39	$ 1,256,989
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction Clinton Ave to Fresno Option 2-Station @ Mariposa St.	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773		$ -
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ 17,706,308
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256	0.07	$ 17,706,308
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 94,034,368
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.32	$ 12,200,564
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.22	$ 20,498,341
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597	0.24	$ 39,949,103
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363	0.44	$ 21,386,360
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 10,535,845
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	1.83	$ 4,521,309
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840	0.72	$ 3,318,365
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261	0.39	$ 2,696,172
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 4,802,665
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	1.30	$ 4,802,665
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,394,920
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017	2.00	$ 266,035
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	4.00	$ 4,128,885
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ 68,000,000
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000	1.00	$ 68,000,000
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 652,734
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	0.14	$ 240,703
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	1.00	$ 412,031
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 2,798,943
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	104,160.00	$ 2,774,761
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57		$ -
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728	0.14	$ 24,182
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 840,876
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	0.75	$ 840,876
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 814,953
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877		$ -
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293	2.16	$ 814,953
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 10,061,900
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 49,001,673
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	390.00	$ 1,204,223
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020	11,228.00	$ 45,137,452
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496	484.00	$ 2,659,999
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581	8,200.00	
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 13,415,866
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 68,801,745
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219	0.45	$ 1,820,349
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173	3.00	$ 14,166,520
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675	1.00	$ 4,195,675
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722	0.70	$ 3,452,205
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100	1.00	$ 7,267,100
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000	2.00	$ 30,000,000
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18		$ -
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21	359,100	$ 7,704,581
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553	6.00	$ 195,316
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 6,061,319
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	3.13	$ 3,599,707
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099	1.12	$ 1,932,111
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	3.13	$ 344,561
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125	1.12	$ 184,940
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 886,539
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	3.13	$ 612,553
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630	1.12	$ 273,985
60.02	**Traction power supply: Substations**					$ 12,724,207
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	3.13	$ 7,736,843
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123	1.12	$ 4,430,858
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	1.00	$ 258,784
60.03	**Traction power distribution: Catenary and third rail**					$ 9,178,614
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	4.25	$ 9,178,614
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Mainline	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 1,255,717,493
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	0.81	$ 43,410,147
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	6.48	$ 359,796,083
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228	9.94	$ 727,421,404
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367	1.27	$ 94,983,766
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680	0.38	$ 29,983,778
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	6.00	$ 122,315
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 36,822,411
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.54	$ 36,822,411
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 3,301,728
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	0.72	$ 3,301,728
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 29,359,071

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Mainline	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	13.28	$ 29,359,071
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 32,139,959
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832	0.72	$ 32,139,959
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 36,368,121
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	14.72	$ 36,368,121
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 71,190,266
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	19.27	$ 71,190,266
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Mainline	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 745,824
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824	1.00	$ 745,824
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ 11,937,521
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521	1.00	$ 11,937,521
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 4,986,046
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	87,498.00	$ 4,986,046
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 38,108,521
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	33.99	$ 38,108,521
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,521,905
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	33.99	$ 6,521,905
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Mainline	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 47,631,810
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,942,626
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	953.00	$ 2,942,626
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 63,509,079
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 48,855,737
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	3.00	$ 9,488,897
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	3.00	$ 8,161,661
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750	1.00	$ 5,444,750
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,453,800.00	$ 25,760,431
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 42,832,480
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	33.99	$ 39,090,745
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	33.99	$ 3,741,736
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,651,975
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	33.99	$ 6,651,975
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 86,396,119
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	33.99	$ 84,017,662
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	5.00	$ 1,293,919
60.03	**Traction power distribution: Catenary and third rail**					$ 73,407,312
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	33.99	$ 73,407,312
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Merced Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 80,387,331
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	19.00	$ 387,331
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 15,001,723
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.22	$ 15,001,723
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 5,874,606
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480	0.95	$ 2,435,306
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	0.75	$ 3,439,300
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 12,380,331

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Merced Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	5.60	$ 12,380,331
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 108,004,188
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.95	$ 36,220,425
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.75	$ 69,880,707
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280	0.20	$ 1,903,056
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 22,730,076
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	9.20	$ 22,730,076
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ -
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Merced Connection	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,209,149
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	2.00	$ 2,064,443
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824	1.00	$ 745,824
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 887,821
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	15,580.00	$ 887,821
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 10,314,751
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	9.20	$ 10,314,751
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,765,270
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	9.20	$ 1,765,270
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Merced Connection	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 7,928,274
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 10,571,032
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 2,720,554
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966		$ -
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	1.00	$ 2,720,554
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18		$ -
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 11,593,375
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	9.20	$ 10,580,608
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	9.20	$ 1,012,768
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,800,476
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	9.20	$ 1,800,476
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 23,786,478
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	9.20	$ 22,740,879
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723		$ -
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	1.00	$ 258,784
60.03	**Traction power distribution: Catenary and third rail**					$ 19,868,999
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	9.20	$ 19,868,999
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Wye Connection	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 193,809,827
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	0.60	$ 27,695,181
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	1.81	$ 87,043,325
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978	0.31	$ 23,611,453
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523	0.70	$ 55,317,166
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	7.00	$ 142,701
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 29,321,550
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.43	$ 29,321,550
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ -
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 26,573,017

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Wye Connection	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	11.00	$ 15,320,180
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	5.09	$ 11,252,837
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 55,700,946
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222	2.19	$ 55,700,946
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 28,995,094
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	13.19	$ 16,419,433
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	5.09	$ 12,575,661
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 6,318,320
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	3.42	$ 6,318,320
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction WCDO Wye Connection	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 6,193,328
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	6.00	$ 6,193,328
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 1,882,828
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	9,812.00	$ 261,386
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	28,454.00	$ 1,621,442
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 15,023,659
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	13.40	$ 15,023,659
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 2,571,154
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	13.40	$ 2,571,154
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 12,020,330
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 1,028,221
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	333.00	$ 1,028,221
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		$ -
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 16,027,107
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 33,259,737
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	1.00	$ 3,162,966
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	3.00	$ 8,161,661
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750	1.00	$ 5,444,750
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	930,640.00	$ 16,490,361
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 16,886,003
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	13.40	$ 15,410,885
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	13.40	$ 1,475,118
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 2,622,432
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	13.40	$ 2,622,432
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 33,976,814
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	13.40	$ 33,122,585
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	1.00	$ 258,784
60.03	**Traction power distribution: Catenary and third rail**					$ 28,939,629
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	13.40	$ 28,939,629
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		$ -
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRID Ave 21 MAINLINE	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 108,006,877
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	2.01	$ 107,721,475
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	14.00	$ 285,401
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 30,003,446
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.44	$ 30,003,446
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 7,436,454
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727	0.78	$ 3,080,007
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	0.95	$ 4,356,447
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 55,313,551

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRID Ave 21 MAINLINE	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	25.02	$ 55,313,551
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 72,675,935
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.78	$ 72,675,935
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 68,017,281
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	27.53	$ 68,017,281
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 7,425,658
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.01	$ 7,425,658
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRID Ave 21 MAINLINE	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 1,398,882
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ 11,937,521
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521	1.00	$ 11,937,521
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 8,427,174
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	147,884.89	$ 8,427,174
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 33,108,109
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	29.53	$ 33,108,109
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 5,666,133
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	29.53	$ 5,666,133
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRID Ave 21 MAINLINE	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 15,306,562
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		$ -
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 20,408,750
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 92,071,965
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	19.00	$ 60,096,346
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554	2.00	$ 5,441,107
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750	1.00	$ 5,444,750
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,190,209.00	$ 21,089,762
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 37,212,214
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	29.53	$ 33,961,450
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	29.53	$ 3,250,764
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 5,779,135
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	29.53	$ 5,779,135
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 75,630,519
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	29.53	$ 72,993,279
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	6.00	$ 1,552,702
60.03	**Traction power distribution: Catenary and third rail**					$ 63,775,167
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	29.53	$ 63,775,167
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		$ -
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRIDAve 21 MERCED CONNECTION	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 801,400,755
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	4.85	$ 233,237,640
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	9.10	$ 487,694,241
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	23.00	$ 468,874
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 8,182,758
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.12	$ 8,182,758
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 10,643,253
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727	0.85	$ 3,356,418
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159	1.14	$ 4,076,821
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	0.70	$ 3,210,013
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 27,905,455

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRIDAve 21 MERCED CONNECTION	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	0.75	$ 1,044,558
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	12.15	$ 26,860,897
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 79,198,134
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275	0.85	$ 79,198,134
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 38,300,855
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	1.89	$ 2,352,747
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	14.55	$ 35,948,109
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 42,578,842
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	4.85	$ 8,960,191
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	9.10	$ 33,618,652
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRIDAve 21 MERCED CONNECTION	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,954,973
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	2.00	$ 2,064,443
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824	2.00	$ 1,491,648
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 4,558,194
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27	10,399.00	$ 277,023
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	75,128.44	$ 4,281,171
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 30,293,975
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	27.02	$ 30,293,975
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 5,184,521
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	27.02	$ 5,184,521
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRIDAve 21 MERCED CONNECTION	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 33,122,650
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		$ -
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 44,163,533
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 50,886,621
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	2.00	$ 6,325,931
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	2,514,800.00	$ 44,560,690
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 34,049,239
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	27.02	$ 31,074,784
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	27.02	$ 2,974,454
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 5,287,919
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	27.02	$ 5,287,919
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 68,391,079
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	27.02	$ 66,788,974
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	2.00	$ 517,567
60.03	**Traction power distribution: Catenary and third rail**					$ 58,354,386
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	27.02	$ 58,354,386
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		$ -
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRID Ave 21 WYE CONNECTION	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 77,148,234
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235	1.60	$ 76,944,376
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	10.00	$ 203,858
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 36,140,515
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.53	$ 36,140,515
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 1,001,324
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159	0.28	$ 1,001,324
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 14,609,881

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRID Ave 21 WYE CONNECTION	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	10.49	$ 14,609,881
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773		$ -
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ -
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 13,406,921
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	10.77	$ 13,406,921
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660		$ -
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 2,955,939
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	1.60	$ 2,955,939
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRID Ave 21 WYE CONNECTION	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,128,885
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	4.00	$ 4,128,885
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 603,240
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	10,586.00	$ 603,240
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 6,940,034
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	6.19	$ 6,940,034
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,187,720
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	6.19	$ 1,187,720
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO HYBRID Ave 21 WYE CONNECTION	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 4,992,188
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		$ -
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 6,656,250
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 8,283,568
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	2.00	$ 6,325,931
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	110,480.00	$ 1,957,637
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 7,800,325
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	6.19	$ 7,118,909
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	6.19	$ 681,416
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,211,407
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	6.19	$ 1,211,407
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 15,598,380
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	6.19	$ 15,300,657
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	1.00	$ 297,723
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784		$ -
60.03	**Traction power distribution: Catenary and third rail**					$ 13,368,381
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	6.19	$ 13,368,381
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		$ -
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Avenue 21 From Road 8 to Road 14 (PTG portion)	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ -
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636		$ -
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221		$ -
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774		$ -
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967		$ -
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386		$ -
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000		$ -
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000		$ -
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ -
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650		$ -
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 11,348,369
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282	6.17	$ 11,348,369
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Avenue 21 From Road 8 to Road 14 (PTG portion)	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773		$ -
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ -
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764		$ -
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935		$ -
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 15,243,975
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	6.17	$ 15,243,975
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ -
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462		$ -
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357		$ -
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Avenue 21 From Road 8 to Road 14 (PTG portion)	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ -
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ -
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57		$ -
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 6,917,610
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	6.17	$ 6,917,610
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 1,183,882
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	6.17	$ 1,183,882
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Avenue 21 From Road 8 to Road 14 (PTG portion)	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 1,824,373
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ -
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088		$ -
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		$ -
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 2,432,497
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 26,118,589
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	4.00	$ 12,651,862
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	760,000.00	$ 13,466,727
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 7,095,907
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	6.17	$ 7,095,907
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083		$ -
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 1,207,493
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	6.17	$ 1,207,493
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 15,510,004
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	6.17	$ 15,251,220
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815		$ -
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723		$ -
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	1.00	$ 258,784
60.03	**Traction power distribution: Catenary and third rail**					$ 13,325,187
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	6.17	$ 13,325,187
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		$ -
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Marposa Way East Le Grand	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 361,387,553
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377	0.88	$ 32,229,452
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	0.82	$ 37,850,081
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.52	$ 66,968,496
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	1.30	$ 69,670,606
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.23	$ 12,548,333
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228	0.79	$ 57,813,170
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680	0.10	$ 7,890,468
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162	0.19	$ 16,151,931
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	13.00	$ 265,016
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 27,275,860
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.40	$ 27,275,860
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 12,672,256
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413	0.85	$ 6,389,801
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	1.37	$ 6,282,455
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 57,697,027

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Marposa Way East Le Grand	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	4.14	$ 5,765,959
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	23.49	$ 51,931,068
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 94,520,789
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.85	$ 32,407,749
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222	0.50	$ 12,717,111
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.87	$ 49,395,928
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 80,443,489
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686	4.14	$ 7,682,540
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	29.45	$ 72,760,949
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 13,595,717
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	1.70	$ 3,140,685
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.83	$ 10,455,031
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,724,306
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	2.00	$ 2,064,443
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824	1.00	$ 745,824
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039	1.00	$ 1,914,039
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 6,297,699
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	110,515.63	$ 6,297,699
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ -
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169		$ -
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,754,077
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	35.20	$ 6,754,077
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Marposa Way East Le Grand	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 21,251,276
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,566,692
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	831.25	$ 2,566,692
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 28,335,034
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 31,710,639
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	9.00	$ 28,466,690
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	183,073.51	$ 3,243,949
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 44,357,261
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	35.20	$ 40,482,325
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	35.20	$ 3,874,937
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,888,776
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	35.20	$ 6,888,776
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 89,167,194
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	35.20	$ 87,008,582
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 76,020,517
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	35.20	$ 76,020,517
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mission Le Grand	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 309,402,562
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377	0.88	$ 32,229,452
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	0.82	$ 37,850,081
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.52	$ 66,968,496
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	0.33	$ 17,685,615
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.23	$ 12,548,333
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228	0.79	$ 57,813,170
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680	0.10	$ 7,890,468
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162	0.19	$ 16,151,931
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	13.00	$ 265,016
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 27,275,860
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.40	$ 27,275,860
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 12,672,256
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413	0.85	$ 6,389,801
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	1.37	$ 6,282,455
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 59,531,969

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mission Le Grand	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	4.14	$ 5,765,959
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	24.32	$ 53,766,010
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 81,803,677
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.85	$ 32,407,749
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.87	$ 49,395,928
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 80,443,489
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686	4.14	$ 7,682,540
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	29.45	$ 72,760,949
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 13,595,717
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	1.70	$ 3,140,685
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.83	$ 10,455,031
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,724,306
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	2.00	$ 2,064,443
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824	1.00	$ 745,824
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039	1.00	$ 1,914,039
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 6,297,699
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	110,515.63	$ 6,297,699
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ -
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169		$ -
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,754,077
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	35.20	$ 6,754,077
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 19,365,261
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,566,692
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	831.25	$ 2,566,692
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 25,820,348
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 31,710,639
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	9.00	$ 28,466,690
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	183,073.51	$ 3,243,949
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 44,357,261
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	35.20	$ 40,482,325
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	35.20	$ 3,874,937
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,888,776
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	35.20	$ 6,888,776
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 89,167,194
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	35.20	$ 87,008,582
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 76,020,517
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	35.20	$ 76,020,517
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mission East Le Grand	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 395,151,000
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377	0.88	$ 32,229,452
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	0.82	$ 37,850,081
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486		$ -
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.52	$ 66,968,496
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	1.93	$ 103,434,053
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.23	$ 12,548,333
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087		$ -
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228	0.79	$ 57,813,170
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136		$ -
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076		$ -
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680	0.10	$ 7,890,468
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162	0.19	$ 16,151,931
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	13.00	$ 265,016
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 27,275,860
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.40	$ 27,275,860
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 12,672,256
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727		$ -
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413	0.85	$ 6,389,801
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159		$ -
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733	1.37	$ 6,282,455
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 56,282,132

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mission East Le Grand	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744	4.14	$ 5,765,959
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	22.85	$ 50,516,173
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 81,803,677
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.85	$ 32,407,749
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.87	$ 49,395,928
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 80,443,489
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686	4.14	$ 7,682,540
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839		$ -
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	29.45	$ 72,760,949
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 13,595,717
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	1.70	$ 3,140,685
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.83	$ 10,455,031
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mission East Le Grand	
					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 4,724,306
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491		$ -
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221	2.00	$ 2,064,443
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824	1.00	$ 745,824
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882		$ -
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039	1.00	$ 1,914,039
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ 8,729,757
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306	2.00	$ 3,438,612
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031	10.00	$ 4,120,314
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415	2.00	$ 1,170,830
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 6,297,699
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	110,515.63	$ 6,297,699
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ -
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169		$ -
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,754,077
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	35.20	$ 6,754,077
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 21 Mission East Le Grand	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 21,840,219
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,566,692
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	831.25	$ 2,566,692
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 29,120,292
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 31,710,639
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	9.00	$ 28,466,690
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	183,073.51	$ 3,243,949
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 44,357,261
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	35.20	$ 40,482,325
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	35.20	$ 3,874,937
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,888,776
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	35.20	$ 6,888,776
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 89,167,194
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	35.20	$ 87,008,582
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 76,020,517
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	35.20	$ 76,020,517
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mariposa Way East Le Grand	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 359,970,249
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	1.46	$ 67,391,608
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486	0.73	$ 34,400,875
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.23	$ 54,191,612
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	1.30	$ 69,670,606
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.23	$ 12,548,333
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	0.79	$ 43,864,029
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136	0.10	$ 5,913,414
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076	0.19	$ 11,643,214
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	17.00	$ 346,559
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 38,186,204
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.56	$ 38,186,204
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 8,255,756
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727	0.85	$ 3,356,418
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159	1.37	$ 4,899,338
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 51,931,068

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mariposa Way East Le Grand	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	23.49	$ 51,931,068
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 81,803,677
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.85	$ 32,407,749
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.87	$ 49,395,928
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 71,081,574
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	1.37	$ 1,705,430
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	28.08	$ 69,376,144
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 13,429,609
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	2.19	$ 4,045,942
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.54	$ 9,383,668
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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					QUANTITIES	COST
10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 5,995,863
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491	2.00	$ 4,596,981
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 6,297,699
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	110,515.63	$ 6,297,699
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 36,325,862
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	32.40	$ 36,325,862
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,216,821
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	32.40	$ 6,216,821
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mariposa Way East Le Grand	
					QUANTITIES	COST
40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 22,383,922
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,566,692
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	831.25	$ 2,566,692
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 29,845,229
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 64,069,645
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	10.00	$ 31,629,656
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,830,763.51	$ 32,439,989
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 40,828,843
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	32.40	$ 37,262,140
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	32.40	$ 3,566,703
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,340,805
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	32.40	$ 6,340,805
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 82,246,057
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	32.40	$ 80,087,445
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 69,973,431
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	32.40	$ 69,973,431
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mission Le Grand	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 307,985,259
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	1.46	$ 67,391,608
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486	0.73	$ 34,400,875
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.23	$ 54,191,612
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	0.33	$ 17,685,615
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.23	$ 12,548,333
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	0.79	$ 43,864,029
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136	0.10	$ 5,913,414
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076	0.19	$ 11,643,214
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	17.00	$ 346,559
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 38,186,204
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.56	$ 38,186,204
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 8,255,756
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727	0.85	$ 3,356,418
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159	1.37	$ 4,899,338
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 53,766,010

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mission Le Grand	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	24.32	$ 53,766,010
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 81,803,677
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.85	$ 32,407,749
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.87	$ 49,395,928
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 71,081,574
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	1.37	$ 1,705,430
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	28.08	$ 69,376,144
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 13,429,609
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	2.19	$ 4,045,942
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.54	$ 9,383,668
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 5,995,863
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491	2.00	$ 4,596,981
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 6,297,699
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	110,515.63	$ 6,297,699
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 36,325,862
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	32.40	$ 36,325,862
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,216,821
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	32.40	$ 6,216,821
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 20,879,420
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,566,692
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	831.25	$ 2,566,692
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 27,839,227
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 64,069,645
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	10.00	$ 31,629,656
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,830,763.51	$ 32,439,989
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 40,828,843
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	32.40	$ 37,262,140
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	32.40	$ 3,566,703
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,340,805
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	32.40	$ 6,340,805
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 82,246,057
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	32.40	$ 80,087,445
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 69,973,431
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	32.40	$ 69,973,431
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mission East Le Grand	
					QUANTITIES	COST
10.01	**Track structure: Viaduct**					$ 393,733,697
10.01.122	Elevated Structure - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 35,931,228	$ 36,624,377		$ -
10.01.123	Elevated Structure - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 45,285,042	$ 46,158,636	1.46	$ 67,391,608
10.01.124	Elevated Structure - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 46,232,612	$ 47,124,486	0.73	$ 34,400,875
10.01.125	Elevated Structure - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 47,180,084	$ 48,090,235		$ -
10.01.126	Elevated Structure - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 64,502,791	$ 65,747,114		$ -
10.01.127	Elevated Structure - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 66,081,681	$ 67,356,463		$ -
10.01.222	Elevated Structure - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 43,224,380	$ 44,058,221	1.23	$ 54,191,612
10.01.223	Elevated Structure - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 52,578,482	$ 53,592,774	1.93	$ 103,434,053
10.01.224	Elevated Structure - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 53,525,409	$ 54,557,967	0.23	$ 12,548,333
10.01.225	Elevated Structure - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 54,473,243	$ 55,524,087	0.79	$ 43,864,029
10.01.226	Elevated Structure - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 71,796,207	$ 73,181,228		$ -
10.01.227	Elevated Structure - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 73,374,892	$ 74,790,367		$ -
10.01.242	Elevated Structure - 4 Track (20' Avg. Pier Ht)	Route Mile	$ 82,812,928	$ 84,410,473		$ -
10.01.243	Elevated Structure - 4 Track (30' Avg. Pier Ht)	Route Mile	$ 101,501,272	$ 103,459,333		$ -
10.01.244	Elevated Structure - 4 Track (40' Avg. Pier Ht)	Route Mile	$ 103,395,885	$ 105,390,496		$ -
10.01.245	Elevated Structure - 4 Track (50' Avg. Pier Ht)	Route Mile	$ 105,253,245	$ 107,283,686		$ -
10.01.246	Elevated Structure - 4 Track (60' Avg. Pier Ht)	Route Mile	$ 141,642,485	$ 144,374,910		$ -
10.01.247	Elevated Structure - 4 Track (70' Avg. Pier Ht)	Route Mile	$ 144,884,105	$ 147,679,065		$ -
10.01.322	Elevated Structure (LS) - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 39,541,927	$ 40,304,730		$ -
10.01.323	Elevated Structure (LS) - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 49,862,619	$ 50,824,519		$ -
10.01.324	Elevated Structure (LS) - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 50,914,824	$ 51,897,022		$ -
10.01.325	Elevated Structure (LS) - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 51,967,437	$ 52,969,941		$ -
10.01.326	Elevated Structure (LS) - 1 Track (60' Avg. Pier Ht)	Route Mile	$ 62,798,549	$ 64,009,996		$ -
10.01.327	Elevated Structure (LS) - 1 Track (70' Avg. Pier Ht)	Route Mile	$ 64,181,981	$ 65,420,116		$ -
10.01.422	Elevated Structure (LS) - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 47,694,536	$ 48,614,611		$ -
10.01.423	Elevated Structure (LS) - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 58,014,969	$ 59,134,136	0.10	$ 5,913,414
10.01.424	Elevated Structure (LS) - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 59,067,487	$ 60,206,958		$ -
10.01.425	Elevated Structure (LS) - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 60,120,295	$ 61,280,076	0.19	$ 11,643,214
10.01.426	Elevated Structure (LS) - 2 Track (60' Avg. Pier Ht)	Route Mile	$ 70,951,046	$ 72,319,762		$ -
10.01.427	Elevated Structure (LS) - 2 Track (70' Avg. Pier Ht)	Route Mile	$ 72,334,586	$ 73,729,993		$ -
10.01.431	Elevated Structure (LS-Tall) - 2-Single Tracks (110' Avg. Pier Ht)	Route Mile	$ 235,649,714	$ 240,195,634		$ -
10.01.432	Elevated Structure (LS-Tall) - 2-Single Tracks (120' Avg. Pier Ht)	Route Mile	$ 239,350,822	$ 243,968,140		$ -
10.01.512	Elevated Structure Straddle over 2 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 70,118,523	$ 71,471,180		$ -
10.01.513	Elevated Structure Straddle over 2 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 74,724,468	$ 76,165,978		$ -
10.01.514	Elevated Structure Straddle over 2 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 76,108,232	$ 77,576,437		$ -
10.01.515	Elevated Structure Straddle over 2 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 77,528,913	$ 79,024,523		$ -
10.01.522	Elevated Structure Straddle over 2 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 77,411,338	$ 78,904,680		$ -
10.01.523	Elevated Structure Straddle over 2 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 82,017,601	$ 83,599,803		$ -
10.01.524	Elevated Structure Straddle over 2 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 83,401,267	$ 85,010,162		$ -
10.01.525	Elevated Structure Straddle over 2 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 84,822,267	$ 86,458,574		$ -
10.01.612	Elevated Structure Straddle over 4 RR - 1 Track (20' Avg. Pier Ht)	Route Mile	$ 111,218,191	$ 113,363,701		$ -
10.01.613	Elevated Structure Straddle over 4 RR - 1 Track (30' Avg. Pier Ht)	Route Mile	$ 116,892,249	$ 119,147,218		$ -
10.01.614	Elevated Structure Straddle over 4 RR - 1 Track (40' Avg. Pier Ht)	Route Mile	$ 119,418,218	$ 121,721,915		$ -
10.01.615	Elevated Structure Straddle over 4 RR - 1 Track (50' Avg. Pier Ht)	Route Mile	$ 121,907,137	$ 124,258,848		$ -
10.01.622	Elevated Structure Straddle over 4 RR - 2 Track (20' Avg. Pier Ht)	Route Mile	$ 118,511,296	$ 120,797,498		$ -
10.01.623	Elevated Structure Straddle over 4 RR - 2 Track (30' Avg. Pier Ht)	Route Mile	$ 124,185,450	$ 126,581,112		$ -
10.01.624	Elevated Structure Straddle over 4 RR - 2 Track (40' Avg. Pier Ht)	Route Mile	$ 126,711,251	$ 129,155,638		$ -
10.01.625	Elevated Structure Straddle over 4 RR - 2 Track (50' Avg. Pier Ht)	Route Mile	$ 129,200,143	$ 131,692,544		$ -
10.01.944	Elevated Structure - 2 Track w/ 2 Single Trenchs	Route Mile	$ 205,612,387	$ 209,578,856		$ -
10.01.960	Stream Crossings HST Structure Box Culverts	EA	$ 20,000	$ 20,386	17.00	$ 346,559
10.01.965	Herndon Canal Crossing	Route Mile		$ 92,400,000		$ -
10.01.970	Mission Avenue Cut & Cover Bridge	LS		$ 20,000,000		$ -
10.01.980	Childs Avenue cut & cover bridge	LS		$ 20,000,000	1.00	$ 20,000,000
10.01.990	SR99 cut & cover bridge	LS		$ 40,000,000	1.00	$ 40,000,000
10.01.999	Maintenance Of Traffic	LS				$ -
10.02	**Track structure: Major/Movable bridge**					$ 38,186,204
10.02.013	Bridge Structure - 3 span with 1 Track	Route Mile	$ 47,326,516	$ 48,239,492		$ -
10.02.023	Bridge Structure - 3 span with 2 Track	Route Mile	$ 66,899,099	$ 68,189,650	0.56	$ 38,186,204
10.02.043	Bridge Structure - 3 span with 4 Track	Route Mile	$ 100,045,360	$ 101,975,335		$ -
10.02.999	Maintenance Of Traffic	LS	-	-		
10.05	**Track structure: Cut and Fill (> 4' height/depth)**					$ 8,255,756
10.05.111	At-Grade Track-bed in Cut - 1 Track (5' Avg. Exc Depth)	Route Mile	$ 1,919,183	$ 1,956,206		$ -
10.05.112	At-Grade Track-bed in Cut - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 3,040,609	$ 3,099,266		$ -
10.05.113	At-Grade Track-bed in Cut - 1 Track (15' Avg. Exc Depth)	Route Mile	$ 4,437,362	$ 4,522,964		$ -
10.05.114	At-Grade Track-bed in Cut - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 6,095,891	$ 6,213,487		$ -
10.05.121	At-Grade Track-bed in Cut - 2 Track (5' Avg. Exc Depth)	Route Mile	$ 2,527,904	$ 2,576,670		$ -
10.05.122	At-Grade Track-bed in Cut - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 3,873,994	$ 3,948,727	0.85	$ 3,356,418
10.05.123	At-Grade Track-bed in Cut - 2 Track (15' Avg. Exc Depth)	Route Mile	$ 5,488,286	$ 5,594,161		$ -
10.05.124	At-Grade Track-bed in Cut - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 7,375,140	$ 7,517,413		$ -
10.05.126	At-Grade Track-bed in Cut - 2 Track (40' Avg. Exc Depth)	Route Mile	$ 17,706,798	$ 18,048,380		$ -
10.05.128	At-Grade Track-bed in Cut - 2 Track (60' Avg. Exc Depth)	Route Mile	$ 32,673,082	$ 33,303,379		$ -
10.05.130	At-Grade Track-bed in Cut - 2 Track (80' Avg. Exc Depth)	Route Mile	$ 52,529,924	$ 53,543,279		$ -
10.05.132	At-Grade Track-bed in Cut - 2 Track (100' Avg. Exc Depth)	Route Mile	$ 77,047,580	$ 78,533,905		$ -
10.05.211	At-Grade Track-bed in Fill - 1 Track (5' Avg. Fill Ht)	Route Mile	$ 1,255,789	$ 1,280,015		$ -
10.05.212	At-Grade Track-bed in Fill - 1 Track (10' Avg. Fill Ht)	Route Mile	$ 1,824,123	$ 1,859,312		$ -
10.05.213	At-Grade Track-bed in Fill - 1 Track (15' Avg. Fill Ht)	Route Mile	$ 2,574,079	$ 2,623,735		$ -
10.05.214	At-Grade Track-bed in Fill - 1 Track (20' Avg. Fill Ht)	Route Mile	$ 3,508,477	$ 3,576,159	1.37	$ 4,899,338
10.05.221	At-Grade Track-bed in Fill - 2 Track (5' Avg. Fill Ht)	Route Mile	$ 1,804,472	$ 1,839,282		$ -
10.05.222	At-Grade Track-bed in Fill - 2 Track (10' Avg. Fill Ht)	Route Mile	$ 2,514,964	$ 2,563,480		$ -
10.05.223	At-Grade Track-bed in Fill - 2 Track (15' Avg. Fill Ht)	Route Mile	$ 3,420,413	$ 3,486,396		$ -
10.05.224	At-Grade Track-bed in Fill - 2 Track (20' Avg. Fill Ht)	Route Mile	$ 4,498,944	$ 4,585,733		$ -
10.05.226	At-Grade Track-bed in Fill - 2 Track (40' Avg. Fill Ht)	Route Mile	$ 10,874,062	$ 11,083,833		$ -
10.05.228	At-Grade Track-bed in Fill - 2 Track (60' Avg. Fill Ht)	Route Mile	$ 20,392,304	$ 20,785,692		$ -
10.05.230	At-Grade Track-bed in Fill - 2 Track (80' Avg. Fill Ht)	Route Mile	$ 33,180,092	$ 33,820,169		$ -
10.05.232	At-Grade Track-bed in Fill - 2 Track (100' Avg. Fill Ht)	Route Mile	$ 48,985,268	$ 49,930,243		$ -
10.05.241	At-Grade Track-bed in Fill - 4 Track (5' Avg. Fill Ht)	Route Mile	$ 2,473,684	$ 2,521,404		$ -
10.05.261	At-Grade Track-bed in Fill - 6 Track (5' Avg. Fill Ht)	Route Mile	$ 3,162,050	$ 3,223,050		$ -
10.06	**Track structure: At-grade (grading and subgrade stabilization)**			$ -		$ 50,516,173

UNIT PRICE ELEMENT	DESCRIPTION	UNIT	UNIT PRICE (3rd Quarter 2009)	UNIT PRICE (3rd Quarter 2010)	MCD-FNO Cost Reduction BNSF 24 Mission East Le Grand	
					QUANTITIES	COST
10.06.210	At-Grade Track-bed with Closed Drainage - 1 Track	Route Mile	$ 1,366,385	$ 1,392,744		$ -
10.06.220	At-Grade Track-bed with Closed Drainage - 2 Track	Route Mile	$ 2,168,933	$ 2,210,773	22.85	$ 50,516,173
10.06.230	At-Grade Track-bed with Closed Drainage - 3 Track	Route Mile	$ 2,660,843	$ 2,712,173		$ -
10.06.240	At-Grade Track-bed with Closed Drainage - 4 Track	Route Mile	$ 3,039,420	$ 3,098,053		$ -
10.07	**Track structure: Tunnel**					$ -
10.07.101	TBM Single Track Twin Tunnel 30ft ID Unpressurized TBM in hard rock	Route Mile	$ 121,440,000	$ 123,782,700		$ -
10.07.102	TBM Single Track Twin Tunnel 30ft ID Slurry TBM in hard rock	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.103	TBM Single Track Twin Tunnel 30ft ID in soft ground	Route Mile	$ 158,400,000	$ 161,455,695		$ -
10.07.104	TBM Double Track Tunnel 50ft ID in soft ground	Route Mile	$ 300,960,000	$ 306,765,821		$ -
10.07.105	TBM Double Track Tunnel 40ft ID in soft ground	Route Mile	$ 227,040,000	$ 231,419,830		$ -
10.07.201	D&B Single Track Twin Tunnel 30ft ID in hard rock (competent)	Route Mile	$ 205,920,000	$ 209,892,404		$ -
10.07.202	D&B Single Track Twin Tunnel 30ft ID in rock (poor)	Route Mile	$ 464,640,000	$ 473,603,373		$ -
10.07.203	D&B Double Track Tunnel 40ft ID in hard rock (competent)	Route Mile	$ 147,840,000	$ 150,691,982		$ -
10.07.204	D&B Double Track Tunnel 40ft ID in rock (poor)	Route Mile	$ 364,320,000	$ 371,348,099		$ -
10.07.205	D&B Double Track Tunnel 50ft ID in hard rock (competent)	Route Mile	$ 232,320,000	$ 236,801,686		$ -
10.07.206	D&B Double Track Tunnel 50ft ID in rock (poor)	Route Mile	$ 485,760,000	$ 495,130,799		$ -
10.07.301	SEM Single Track Twin Tunnel 30ft ID in soft ground (competent)	Route Mile	$ 374,880,000	$ 382,111,812		$ -
10.07.302	SEM Single Track Twin Tunnel 30ft ID in soft ground (poor)	Route Mile	$ 454,080,000	$ 462,839,659		$ -
10.07.303	SEM Double Track Tunnel 40ft ID in soft ground (competent)	Route Mile	$ 269,280,000	$ 274,474,682		$ -
10.07.304	SEM Double Track Tunnel 40ft ID in soft ground (poor)	Route Mile	$ 306,240,000	$ 312,147,677		$ -
10.07.305	SEM Double Track Tunnel 50ft ID in soft ground (competent)	Route Mile	$ 396,000,000	$ 403,639,238		$ -
10.07.306	SEM Double Track Tunnel 50ft ID in soft ground (poor)	Route Mile	$ 448,800,000	$ 457,457,803		$ -
10.07.401	RH Single Track Twin Tunnel 30ft ID in soft rock (competent)	Route Mile	$ 237,600,000	$ 242,183,543		$ -
10.07.402	RH Single Track Twin Tunnel 30ft ID in soft rock (poor)	Route Mile	$ 274,560,000	$ 279,856,538		$ -
10.07.403	RH Double Track Tunnel 40ft ID in soft rock (competent)	Route Mile	$ 179,520,000	$ 182,983,121		$ -
10.07.404	RH Double Track Tunnel 40ft ID in soft rock (poor)	Route Mile	$ 248,160,000	$ 252,947,256		$ -
10.07.405	RH Double Track Tunnel 50ft ID in soft rock (competent)	Route Mile	$ 290,400,000	$ 296,002,108		$ -
10.07.406	RH Double Track Tunnel 50ft ID in soft rock (poor)	Route Mile	$ 401,280,000	$ 409,021,094		$ -
10.07.207	D&B Cross Passage conservative cost in rock	Linear Feet	$ 28,000	$ 28,540		$ -
10.07.407	RH Cross Passage conservative cost in soft rock	Linear Feet	$ 25,000	$ 25,482		$ -
10.07.501	Cross Passage in Soft Ground (competent)	Linear Feet	$ 33,000	$ 33,637		$ -
10.07.502	Cross Passage in Soft Ground, including jet grout (poor)	Linear Feet	$ 84,000	$ 85,620		$ -
10.07.114	Cut & Cover Box - 1 Track/ 1 Box (40' Avg. Exc Depth)	Route Mile	$ 90,688,401	$ 92,437,871		$ -
10.07.115	Cut & Cover Box - 1 Track/ 1 Box (50' Avg. Exc Depth)	Route Mile	$ 107,082,440	$ 109,148,168		$ -
10.07.116	Cut & Cover Box - 1 Track/ 1 Box (60' Avg. Exc Depth)	Route Mile	$ 135,385,066	$ 137,996,780		$ -
10.07.214	Cut & Cover Box - 2 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 141,194,360	$ 143,918,141		$ -
10.07.215	Cut & Cover Box - 2 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 163,855,983	$ 167,016,929		$ -
10.07.216	Cut & Cover Box - 2 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 202,718,337	$ 206,628,977		$ -
10.07.224	Cut & Cover Box - 2 Track/ 2 Box (40' Avg. Exc Depth)	Route Mile	$ 189,027,415	$ 192,673,943		$ -
10.07.225	Cut & Cover Box - 2 Track / 2 Box (50' Avg. Exc Depth)	Route Mile	$ 221,996,334	$ 226,278,866		$ -
10.07.226	Cut & Cover Box - 2 Track / 2 Box (60' Avg. Exc Depth)	Route Mile	$ 278,841,077	$ 284,220,202		$ -
10.07.414	Cut & Cover Box - 4 Track / 1 Box (40' Avg. Exc Depth)	Route Mile	$ 206,677,660	$ 210,664,680		$ -
10.07.415	Cut & Cover Box - 4 Track / 1 Box (50' Avg. Exc Depth)	Route Mile	$ 237,737,305	$ 242,323,497		$ -
10.07.416	Cut & Cover Box - 4 Track / 1 Box (60' Avg. Exc Depth)	Route Mile	$ 291,302,754	$ 296,922,277		$ -
10.07.801	Ventilation Shaft	VF	$ 13,627	$ 13,890		$ -
10.07.802	Mid-Line Ventilation Structure	LS	$ 8,742,980	$ 8,911,641		$ -
10.07.803	Tunnel Portal Structure	LS	$ 8,089,108	$ 8,245,155		$ -
10.07.805	Emergency Access Shaft	VF	$ 22,520	$ 22,954		$ -
10.07.850	Pumping Station	EA	$ 212,310	$ 216,405		$ -
10.07.901	Mechanical & Electrical Allowance for Underground (Single)	Route Mile	$ 7,354,997	$ 7,496,882		$ -
10.07.902	Mechanical & Electrical Allowance for Underground (Double)	Route Mile	$ 14,710,177	$ 14,993,951		$ -
10.07.920	Ventilation Equipment Allowance	EA	$ 2,211,105	$ 2,253,759		$ -
10.07.922	Double Deck - 2 Track Trench on Top of 2 Track C&C Box	Route Mile	$ 210,906,243	$ 214,974,836		$ -
10.07.950	Allowance for Construction Monitoring	Route Mile	$ 145,939	$ 148,754		$ -
10.08	**Track structure: Retaining walls and systems**					$ 81,803,677
10.08.211	Retained Cut, Trench - 1 Track (10' Avg. Exc Depth)	Route Mile	$ 25,829,576	$ 26,327,855		$ -
10.08.212	Retained Cut, Trench - 1 Track (20' Avg. Exc Depth)	Route Mile	$ 67,586,123	$ 68,889,927		$ -
10.08.213	Retained Cut, Trench - 1 Track (30' Avg. Exc Depth)	Route Mile	$ 127,460,002	$ 129,918,833		$ -
10.08.221	Retained Cut, Trench - 2 Track (10' Avg. Exc Depth)	Route Mile	$ 37,405,180	$ 38,126,764	0.85	$ 32,407,749
10.08.222	Retained Cut, Trench - 2 Track (20' Avg. Exc Depth)	Route Mile	$ 91,410,868	$ 93,174,275		$ -
10.08.223	Retained Cut, Trench - 2 Track (30' Avg. Exc Depth)	Route Mile	$ 163,304,293	$ 166,454,597		$ -
10.08.241	Retained Cut, Trench - 4 Track (10' Avg. Exc Depth)	Route Mile	$ 47,685,463	$ 48,605,363		$ -
10.08.242	Retained Cut, Trench - 4 Track (20' Avg. Exc Depth)	Route Mile	$ 111,376,696	$ 113,525,265		$ -
10.08.243	Retained Cut, Trench - 4 Track (30' Avg. Exc Depth)	Route Mile	$ 192,038,567	$ 195,743,184		$ -
10.08.344	Retained Cut, Staged Trench - 4 Track (40' Avg. Exc Depth)	Route Mile	$ 295,374,114	$ 301,072,178		$ -
10.08.346	Retained Cut, Staged Trench - 4 Track (60' Avg. Exc Depth)	Route Mile	$ 356,356,513	$ 363,230,988		$ -
10.08.411	Retained Fill, Walls Both Sides - 1 Tracks (10' Avg. Wall Ht)	Route Mile	$ 8,667,052	$ 8,834,248		$ -
10.08.412	Retained Fill, Walls Both Sides - 1 Tracks (20' Avg. Wall Ht)	Route Mile	$ 24,952,856	$ 25,434,222		$ -
10.08.413	Retained Fill, Walls Both Sides - 1 Tracks (30' Avg. Wall Ht)	Route Mile	$ 43,794,002	$ 44,638,832		$ -
10.08.421	Retained Fill, Walls Both Sides - 2 Tracks (10' Avg. Wall Ht)	Route Mile	$ 9,335,195	$ 9,515,280		$ -
10.08.422	Retained Fill, Walls Both Sides - 2 Tracks (20' Avg. Wall Ht)	Route Mile	$ 25,915,008	$ 26,414,935	1.87	$ 49,395,928
10.08.423	Retained Fill, Walls Both Sides - 2 Tracks (30' Avg. Wall Ht)	Route Mile	$ 45,060,437	$ 45,929,698		$ -
10.09	**Track new construction: Conventional ballasted**					$ 71,081,574
10.09.110	Ballasted Track - 1 Track	Route Mile	$ 1,820,565	$ 1,855,686		$ -
10.09.112	Ballasted Track (Track Laying Machine) - 1 Track	Route Mile	$ 1,221,280	$ 1,244,839	1.37	$ 1,705,430
10.09.120	Ballasted Track - 2 Track	Route Mile	$ 3,416,549	$ 3,482,458		$ -
10.09.122	Ballasted Track (Track Laying Machine) - 2 Track	Route Mile	$ 2,423,901	$ 2,470,660	28.08	$ 69,376,144
10.09.142	Ballasted Track (Track Laying Machine) - 4 Track	Route Mile	$ 4,521,614	$ 4,608,840		$ -
10.08.162	Ballasted Track (Track Laying Machine) - 6 Track	Route Mile	$ 6,782,421	$ 6,913,261		$ -
10.09.240	Ballasted Track - 2 Track (Station Track)	Route Mile	$ 7,244,923	$ 7,384,685		$ -
10.09.810	Ballasted Freight Track - 1 Track	Route Mile	$ 1,554,241	$ 1,584,224		$ -
10.09.820	Ballasted Freight Track - 2 Track	Route Mile	$ 3,089,739	$ 3,149,343		$ -
10.09.910	Ballasted Track Relocation - 1 Track (Temporary)	Route Mile	$ 91,367	$ 93,129		$ -
10.09.920	Ballasted Track Relocation - 1 Track (Permanent)	Route Mile	$ 162,843	$ 165,985		$ -
10.10	**Track new construction: Non-ballasted**					$ 13,429,609
10.10.110	Direct Fixation Track - 1 Track	Route Mile	$ 1,812,497	$ 1,847,462	2.19	$ 4,045,942
10.10.120	Direct Fixation Track - 2 Track	Route Mile	$ 3,624,438	$ 3,694,357	2.54	$ 9,383,668
10.10.140	Direct Fixation Track - 4 Track	Route Mile	$ 7,293,868	$ 7,434,574		$ -
10.10.210	Independent Dual Block Track - 1 Track	Route Mile	$ 3,338,726	$ 3,403,134		$ -

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10.10.220	Independent Dual Block Track - 2 Track	Route Mile	$ 6,676,744	$ 6,805,545		$ -
10.10.240	Independent Dual Block Track - 4 Track	Route Mile	$ 13,353,468	$ 13,611,070		$ -
10.14	**Track: Special track work (switches, turnouts, insulated joints)**					$ 5,995,863
10.14.100	Direct Fixation Turnout (60 MPH)	EA	$ 477,018	$ 486,221		$ -
10.14.105	Direct Fixation Turnout (80 MPH)	EA	$ 630,650	$ 642,816		$ -
10.14.110	Direct Fixation Turnout (110 MPH)	EA	$ 887,327	$ 904,444		$ -
10.14.115	Direct Fixation Turnout (150 MPH)	EA	$ 1,220,877	$ 1,244,429		$ -
10.14.130	Direct Fixation Crossover (60 MPH)	EA	$ 879,265	$ 896,227		$ -
10.14.135	Direct Fixation Crossover (80 MPH)	EA	$ 1,188,515	$ 1,211,443		$ -
10.14.140	Direct Fixation Crossover (110 MPH)	EA	$ 1,647,309	$ 1,679,087		$ -
10.14.145	Direct Fixation Crossover (150 MPH)	EA	$ 2,254,990	$ 2,298,491	2.00	$ 4,596,981
10.14.199	Ballasted Turnout (25 MPH)	EA	$ 130,500	$ 133,017		$ -
10.14.200	Ballasted Turnout (60 MPH)	EA	$ 396,172	$ 403,814		$ -
10.14.205	Ballasted Turnout (80 MPH)	EA	$ 533,623	$ 543,917		$ -
10.14.210	Ballasted Turnout (110 MPH)	EA	$ 739,770	$ 754,041		$ -
10.14.215	Ballasted Turnout (150 MPH)	EA	$ 1,012,686	$ 1,032,221		$ -
10.14.300	Ballasted Crossover (60 MPH)	EA	$ 731,709	$ 745,824		$ -
10.14.305	Ballasted Crossover (80 MPH)	EA	$ 986,399	$ 1,005,427		$ -
10.14.310	Ballasted Crossover (110 MPH)	EA	$ 1,372,407	$ 1,398,882	1.00	$ 1,398,882
10.14.315	Ballasted Crossover (150 MPH)	EA	$ 1,877,814	$ 1,914,039		$ -
10.14.400	Terminal - Bumping Post	EA	$ 27,763	$ 28,299		$ -
20.01	**Station buildings: Intercity passenger rail only**					$ -
20.01.100	Anaheim Station	LS	$ 94,508,725	$ 96,331,893		$ -
20.01.105	Millbrae Station	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.105	Millbrae Station - Site Elements	LS	$ 24,939,819	$ 25,420,933		$ -
20.01.110	LA Union Station	LS	$ 193,627,800	$ 197,363,075		$ -
20.02.200	Redwood/Palo Alto Station	LS	$ 51,451,014	$ 52,443,556		$ -
20.02.201	Redwood/Palo Alto Station - Site Elements	LS	$ 6,667,755	$ 6,796,383		$ -
20.02.205	Norwalk Station	LS	$ 46,561,775	$ 47,459,998		$ -
20.02.206	Norwalk Station - Site Elements	LS	$ 18,939,701	$ 19,305,067		$ -
20.02.210	Tulare Station	LS	$ 55,108,000	$ 56,171,089		$ -
20.02.211	Tulare Station - Site Elements	LS	$ 19,174,756	$ 19,544,656		$ -
20.02.215	Gilroy Station	LS	$ 68,723,791	$ 70,049,542		$ -
20.02.216	Gilroy Station - Site Elements	LS	$ 9,586,063	$ 9,770,987		$ -
20.02.220	Burbank Station	LS	$ 61,155,850	$ 62,335,608		$ -
20.02.221	Burbank Station - Site Elements	LS	$ 13,393,012	$ 13,651,377		$ -
20.02.225	San Jose Station	LS	$ 70,224,925	$ 71,579,634		$ -
20.02.226	San Jose Station-Site Elements	LS	$ 11,447,016	$ 11,667,841		$ -
20.02.230	Merced Station	LS	$ 65,035,950	$ 66,290,559		$ -
20.02.231	Merced Station - Site Elements	LS	$ 18,942,953	$ 19,308,382		$ -
20.02.235	Fresno Station	LS	$ 65,863,950	$ 67,134,532		$ -
20.02.236	Fresno Station - Site Elements	LS	$ 9,639,938	$ 9,825,902		$ -
20.02.240	Bakersfield Station	LS	$ 67,643,575	$ 68,948,488		$ -
20.02.241	Bakersfield Station - Site Elements	LS	$ 12,084,938	$ 12,318,069		$ -
20.02.245	Palmdale Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.246	Palmdale Station - Site Elements	LS	$ 16,760,249	$ 17,083,571		$ -
20.02.250	Sylmar Station	LS	$ 68,151,875	$ 69,466,593		$ -
20.02.251	Sylmar Station - Site Elements	LS	$ 20,560,115	$ 20,956,740		$ -
20.02.300	At-Grade Station	LS	-	$ 68,000,000		$ -
20.06	**Pedestrian / bike access and accommodation, landscaping, parking lots**					$ -
20.06.120	Pedestrian Access (Cut & Cover)	LF	$ 21,081	$ 21,487		$ -
20.06.140	Pedestrian Plaza	SF	$ 38	$ 39		$ -
20.06.160	Pedestrian Access, Vertical Structure, 30' Height	EA	$ 330,847	$ 337,229		$ -
20.06.210	Parking - At Grade	STL	$ 3,827	$ 3,901		$ -
20.06.250	Parking - Structured (Above Grade)	STL	$ 25,072	$ 25,555		$ -
20.06.800	Landscaping Allowance	SF	$ 3	$ 3		$ -
20.06.810	Landscaping Allowance, Guideway	Route Mile	$ 38	$ 39		$ -
30.02	**Light maintenance facility**		$ -			$ -
30.02.010	Light Maintenance Facility (LMF)	EA	$ 105,006,028	$ 107,031,700		$ -
30.03	**Heavy maintenance facility**		$ -			$ -
30.03.010	Heavy Maintenance Facility (HMF)	EA	$ 223,630,679	$ 227,944,740		$ -
30.04	**Storage or maintenance-of-way building/bases**		$ -			$ -
30.04.010	Maintenance of Way Facility (MOWF)	EA	$ 11,711,592	$ 11,937,521		$ -
30.05	**Yard and yard track**		$ -			$ -
30.05.110	Ballasted Track - Yard Track	Route Mile	$ 1,686,767	$ 1,719,306		$ -
30.05.200	Ballasted Turnout, No. 15	EA	$ 404,233	$ 412,031		$ -
30.05.210	Ballasted Diamond Crossover, No. 15	EA	$ 574,336	$ 585,415		$ -
30.05.250	Heavy Duty Rubber Grade Crossing	TF	$ 1,283	$ 1,308		$ -
40.01	**Demolition, clearing, site preparation**		$ -			$ 6,297,699
40.01.010	Demolition Allowance, Bridge	SF	$ 26	$ 27		$ -
40.01.050	Demolition Allowance, Building (1 Story)	SF	$ 14	$ 14		$ -
40.01.060	Demolition Allowance, Building (2 Story)	SF	$ 27	$ 28		$ -
40.01.110	Demolition Allowance, Asphalt Pavement	SY	$ 56	$ 57	110,515.63	$ 6,297,699
40.01.140	Demolition Allowance, Concrete Curb	LF	$ 13	$ 13		$ -
40.01.150	Demolition Allowance, Concrete Sidewalk	SY	$ 41	$ 42		$ -
40.01.810	Demolition Allowance, Remove Railroad Track	Route Mile	$ 169,459	$ 172,728		$ -
40.01.900	Miscellanous Excavation & Support Items	LS	$ 2,224	$ 2,267		$ -
40.02	**Site utilities, utility relocation**		$ -			$ 36,325,862
40.02.001	Utility Relocation Allowance, Level 1	Route Mile	$ 1,099,949	$ 1,121,169	32.40	$ 36,325,862
40.02.002	Utility Relocation Allowance, Level 2	Route Mile	$ 1,978,427	$ 2,016,593		$ -
40.02.003	Utility Relocation Allowance, Level 3	Route Mile	$ 3,267,072	$ 3,330,097		$ -
40.02.004	Utility Relocation Allowance, Level 4	Route Mile	$ 3,906,355	$ 3,981,713		$ -
40.02.005	Utility Relocation Allowance, Level 5	Route Mile	$ 4,927,149	$ 5,022,198		$ -
40.02.050	Site Utility Allowance	Route Mile	$ 1,660,257	$ 1,692,285		$ -
40.03	**Hazardous material, contaminated soil removal/mitigation, ground water treatments**		$ -			$ 6,216,821
40.03.100	Hazardous Material Removal Allowance, Light	Route Mile	$ 188,246	$ 191,877	32.40	$ 6,216,821
40.03.105	Hazardous Material Removal Allowance, Medium	Route Mile	$ 370,152	$ 377,293		$ -
40.03.110	Hazardous Material Removal Allowance, Heavy	Route Mile	$ 555,734	$ 566,454		$ -
40.03.150	Removal of Contaminated Soil	CF	$ 13	$ 14		$ -

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40.04	**Environmental mitigation: wetlands, historic/archeology, parks**		$ -	3%		$ 23,354,378
40.04.100	Environmental Mitigation Allowance, Light	Route Mile	$ 583,755	$ 595,016		$ -
40.04.105	Environmental Mitigation Allowance, Medium	Route Mile	$ 1,634,403	$ 1,665,932		$ -
40.04.110	Environmental Mitigation Allowance, Heavy	Route Mile	$ 2,743,574	$ 2,796,500		$ -
40.05	**Site structures including retaining walls, sound walls**		$ -			$ 2,566,692
40.05.012	Retaining Wall - 1 Wall (12' Avg. Height)	LF	$ 3,029	$ 3,088	831.25	$ 2,566,692
40.05.020	Retaining Wall - 1 Wall (20' Avg. Height)	LF	$ 3,944	$ 4,020		$ -
40.05.030	Retaining Wall - 1 Wall (30' Avg. Height)	LF	$ 5,392	$ 5,496		$ -
40.05.111	Containment (Crash) Wall - 1 Wall (6' Avg. Height Above Rail)	LF	$ 804	$ 820		$ -
40.05.112	Containment (Crash) Wall - 1 Wall (12' Avg. Height Above Rail)	LF	$ 1,551	$ 1,581		
40.05.120	Blast Wall (At Stations) - 1 Wall (20' Avg. Height Above Platform)	LF	$ 1,308	$ 1,334		$ -
40.05.211	Sound Wall - 1 Wall (8' Avg. Height)	LF	$ 205	$ 209		$ -
40.05.310	Intrusion Protection Berm	LF	$ 136	$ 139		$ -
40.06	**Temporary facilities and other indirect costs during construction**			4%		$ 31,139,171
40.07	**Purchase or lease of real estate**					
40.08	**Highway/pedestrian overpass/grade separations**					$ 64,069,645
40.08.322	Roadway Overcrossing HSR - 2 lane retained fill roadway over 2 tracks	EA	$ 3,968,660	$ 4,045,219		$ -
40.08.324	Roadway Overcrossing HSR - 4 lane retained fill roadway over 2 tracks	EA	$ 4,632,802	$ 4,722,173		$ -
40.08.326	Roadway Overcrossing HSR - 6 lane retained fill roadway over 2 tracks	EA	$ 5,346,429	$ 5,449,567		$ -
40.08.342	Roadway Overcrossing HSR - 2 lane retained fill roadway over 4 tracks	EA	$ 4,116,268	$ 4,195,675		$ -
40.08.344	Roadway Overcrossing HSR - 4 lane retained fill roadway over 4 tracks	EA	$ 4,838,384	$ 4,931,722		$ -
40.08.346	Roadway Overcrossing HSR - 6 lane retained fill roadway over 4 tracks	EA	$ 5,614,912	$ 5,723,229		$ -
40.08.354	Roadway Overcrossing HSR - 4 lane retained fill roadway over 5 tracks	EA	$ 5,079,325	$ 5,177,310		$ -
40.08.422	Roadway Overcrossing HSR - 2 lane roadway on embankment over 2 tracks	EA	$ 3,103,104	$ 3,162,966	10.00	$ 31,629,656
40.08.442	Roadway Overcrossing HSR - 2 lane roadway on embankment over 4 tracks	EA	$ 2,669,065	$ 2,720,554		$ -
40.08.424	Roadway Overcrossing HSR - 4 lane roadway on embankment over 2 tracks	EA	$ 4,266,283	$ 4,348,584		$ -
40.08.426	Roadway Overcrossing HSR - 6 lane roadway on embankment over 2 tracks	EA	$ 5,509,410	$ 5,615,692		$ -
40.08.122	Roadway Undercrossing HSR - 2 lane roadway under 2 tracks	EA	$ 5,341,703	$ 5,444,750		$ -
40.08.144	Roadway Undercrossing HSR - 4 lane roadway under 4 tracks	EA	$ 7,129,564	$ 7,267,100		$ -
40.08.124	Roadway Undercrossing HSR - 4 lane roadway under 2 tracks	EA	$ 6,516,967	$ 6,642,686		$ -
40.08.427	Roadway Overcrossing HSR- Complex roadway over 4 tracks	EA	$ -	$ 15,000,000		$ -
40.08.510	Roadway Modification, New AC Paving	SF	$ 17	$ 18	1,830,763.51	$ 32,439,989
40.08.520	Roadway Modification, New AC Paving (incldng Curb & Sidewalk)	SF	$ 21	$ 21		$ -
40.08.530	Permanent Service/Emergency Access Road (20' Wide)	Route Mile	$ 549,929	$ 560,538		$ -
40.08.540	Access Road Entrance Point	EA	$ 31,937	$ 32,553		$ -
40.08.550	Streetscaping Allowance	ESF	$ 343	$ 350		$ -
20.07.3000	SR-99 RE-Alignment in Fresno	LS	$ -	$ 100,400,000		$ -
50.01	**Wayside signaling equipment**					$ 40,828,843
50.01.010	Train Controls (ATC)	Route Mile	$ 1,128,300	$ 1,150,066	32.40	$ 37,262,140
50.01.011	Train Controls (ATC)- 4 Tracks	Route Mile	$ 1,692,450	$ 1,725,099		$ -
50.01.020	Wayside Protection System	Route Mile	$ 108,000	$ 110,083	32.40	$ 3,566,703
50.01.021	Wayside Protection System- 4 Tracks	Route Mile	$ 162,000	$ 165,125		$ -
50.01.030	Train Control, Wayside Facility Site Work	EA	$ 135,958	$ 138,581		$ -
50.05	**Communications**					$ 6,340,805
50.05.010	Communications (w/Fiber Optic Backbone)	Route Mile	$ 192,000	$ 195,704	32.40	$ 6,340,805
50.05.011	Communications (w/Fiber Optic Backbone)- 4 Tracks	Route Mile	$ 240,000	$ 244,630		$ -
60.02	**Traction power supply: Substations**					$ 82,246,057
60.02.100	Traction Power Supply	Route Mile	$ 2,425,053	$ 2,471,835	32.40	$ 80,087,445
60.02.102	Traction Power Supply- Yard	Ea.	$ 11,874,000	$ 12,103,061		$ -
60.02.101	Traction Power Supply- 4 Tracks	Route Mile	$ 3,881,250	$ 3,956,123		$ -
60.02.010	Traction Power, Supply Station Site Work	EA	$ 771,924	$ 786,815	1.00	$ 786,815
60.02.020	Traction Power, Switching Station Site Work	EA	$ 292,088	$ 297,723	2.00	$ 595,446
60.02.030	Traction Power, Paralleling Station Site Work	EA	$ 253,886	$ 258,784	3.00	$ 776,351
60.03	**Traction power distribution: Catenary and third rail**					$ 69,973,431
60.03.100	Traction Power Distribution	Route Mile	$ 2,118,800	$ 2,159,674	32.40	$ 69,973,431
60.03.200	Traction Power Distribution- Yard	Route Mile	$ 528,000	$ 538,186		
60.03.300	Traction Power Distribution- 4 Tracks	Route Mile	$ 3,178,200	$ 3,239,511		$ -