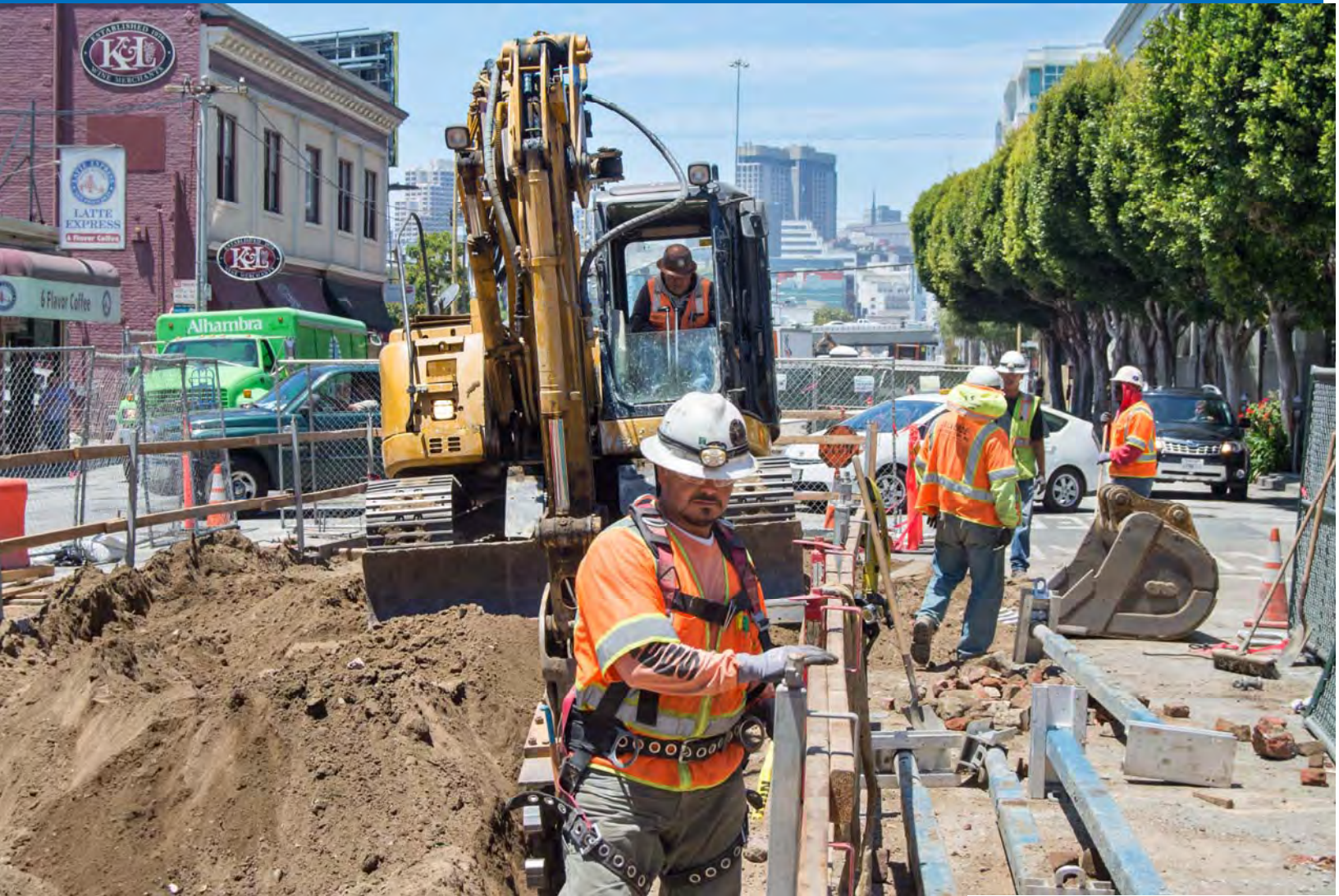


central subway

Building for the future in SoMa

Workers upgrade and relocate existing utilities ahead of future track installation.



Progress Report

June 2015



SFMTA
Municipal
Transportation
Agency

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Table of Contents

Executive Summary	5
Key Milestones	6
Costs and Schedule	7
Costs	7
Earned Value Analysis	7
Schedule Highlights.....	8
Master Project Schedule	11
Contracts & Construction	12
Contract 1252 Central Subway Tunneling.....	13
Contract 1300 Stations, Surface, Track and Systems.....	15
Work Package1254 Chinatown Station	16
Work Package1253 Union Square / Market Street Station	18
Work Package1255 Yerba Buena / Moscone Station	21
Work Package1256 Systems, Trackwork & Stations	23
Program Components	25
Community Outreach	25
Quality Assurance	26
Risk Management	29
Program Safety & Security	29
Technical Capacity	32
Staffing	33
Third-Party Agreements and Licenses	34
LRV Procurement.....	34
Current Construction Activity and Progress Photos	35

See Table of Content page that follows for Cover Photo captions.

Table of Contents - continued

Appendices

Appendix A: Cost Report.....	A1
Appendix B: Schedule Report.....	B1
Appendix C: Program Overview of Scope and Funding.....	C1
Appendix D: Completed Contracts	D1
Appendix E: SBE Participation by Contract (Reported Quarterly).....	E1
Central Subway Project Contact Information.....	E-5



Cover photo: Before tracks can be laid for the surface portion of the alignment, work must be done to relocate and upgrade existing utilities. Near Bluxome Alley and 4th Street, workers can be seen excavating a 78" sewer which will be outfitted with a new, reinforced concrete roof. **More photos of this construction can be found starting on page 35.**

Above photos: In Chinatown, work to begin excavation of the future station headhouse are about to begin. There, workers are assembling the steel frame of a temporary deck which will be used by excavation equipment. Soon, workers will break through a thin, temporary concrete shell beneath the permanent roof slab, and begin removing material.

See the Appendix E final page for CS websites hyperlinks and public outreach on line resources. The Project main web site is at: <http://www.centralsubwaysf.com/>



Triton barriers mark the outline of some utility relocation work being done at the intersection of King and 4th Street in SoMa.

Executive Summary

The initial excavations now underway at YBM, UMS and CTS are opening space for installing the concrete roof of the future stations.

Chinatown Station - Backfill surface slab at Washington Street. Completed pothole dewatering walls on Stockton Street. Completed inclinometers on Stockton Street. Began permanent utility relocation under Washington Street. Continue relocating ductbank on Stockton Street.

Union Square/Market Street Station - Continued setting and welding beams in the Ellis Annex and in the North Concourse. Continued production and test jet grouting on the east and west sides of Stockton Street.

Yerba Buena/Moscone Station - Traffic flowing on west side of 4th Street with east side work area closed for roof and utility construction. East side surface slab construction is in progress (three segments, TPC sections 4, 5, 6 south to north) – roof slab in sections 4 and 5 is complete with utility installation and backfill in progress, roadway section removal and excavation in section 6 is in progress. Backfill over portion of headhouse beneath Clementina Street is in progress. AWSS and water mains utilities have been installed at 4th and Howard and at 4th and Folsom Street. Continue headhouse excavation.

Surface, Track and Systems Continue Muni ductbank installation. Continue 78” sewer rehabilitation. Started 36” sewer force main.

Tunnel - achieved Final Completion on May 15, 2015. Contract administrative closeout is ongoing to reconcile contract cost.

Total project costs to date are \$806.38 million, an increase of \$9.89 million over last month. The total cost to date equals 51.09% of the total project budget of \$1.578 billion. The Master Project Schedule continues to forecast the Revenue Service Date of December 26, 2018.

The Stations Contractors' Safety Reports show no recordable accidents took place this month and the rates of work site accident incidents by the man hours worked continue to be below industry standards - see tables on page 30.

Key Milestones

Construction of the first section of east side roof slab at YBM

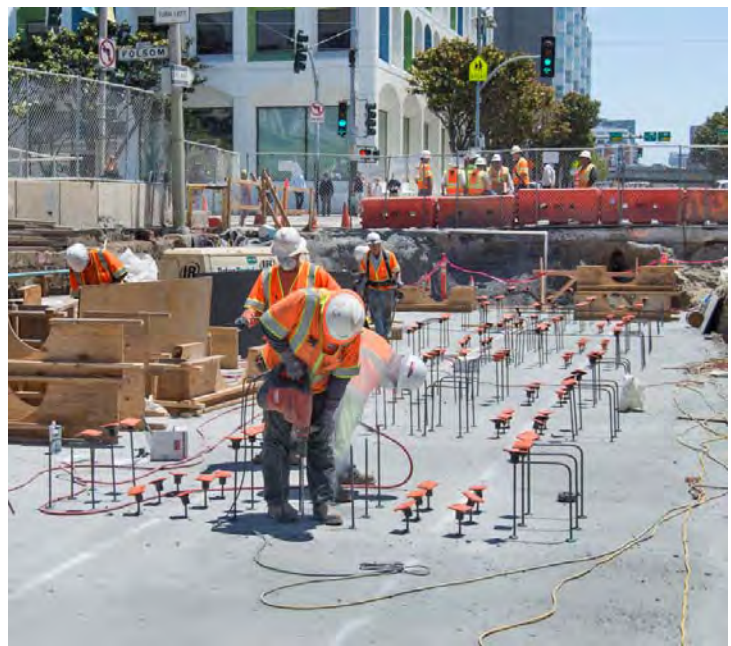


1 A gigantic rebar cage is assembled in place for each specific roof section



2 Forms are erected and concrete is poured and smoothed

MILESTONE	DATE EXPECTED
General	
Revenue Service	December 2018
Contract 1252 Tunnels	
Substantial Completion	April 15, 2015 (A)
Contract 1300 Stations, Surface, Track, Systems	
Notice to Proceed (NTP 1)	June 17, 2013 (A)
Notice to Proceed (NTP 2)	January 12, 2014 (A)
Substantial Completion	February 10, 2018



3 Workers install utilities in reinforced concrete cradles on the roof

Costs and Schedule

Costs (See Appendix A for Details)

The Current Cost Estimate (CCE) for the Central Subway Project is **\$1.578 billion** in year of expenditure dollars (\$YOE). This total project cost is shown at the top of Report 7.1, Program Project Budget. This capital cost projection incorporates allocated and un-allocated contingencies to cover the risks associated with the project completion.

Total net incurred costs for the project are \$806.38 million, a \$9.89 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$754.18 million) plus the utilities joint trench Form B Reimbursement payment (\$10.03 million), invoices currently being processed (\$28.42 million) and estimates of outstanding pay requests (\$13.75 million). This incurred amount equals 51.09% of the total project budget of \$1.578 billion.

The current funding level to date is \$1,029.79 million. This represents 65% of the total project budget.

Earned Value Analysis

For June the Earned Value Analysis below reports the Planned Value, Earned Value, Percent Complete and resulting indexes:

June Earned Value

Overall Budgeted Cost:	\$ 1,578,300,000
Planned Value:	\$883,896,020
Earned Value:	\$797,622,675
Actual Cost:	\$806,380,867
Schedule Performance Index (SPI):	0.90
Cost Performance Index (CPI):	0.99
Percent Complete:	50.39%

Over all, the program is 50.39% complete, with SPI 0.90 and CPI 0.99. The Earned Value Cash Flow is shown in Report 7.2 below.

Schedule Highlights - Continued

The Master Project Schedule (MPS) below includes progress through June 30,, 2015.

The MPS continues to forecast the Revenue Service Date of December 26, 2018.

The controlling critical (longest) path of the MPS runs through CTS succeeded by Commissioning and Pre-Revenue Activities to the Baseline Finish and Revenue Service Date. See Appendix B – Longest Path.

The Schedule Contingency is 4.8 months on the critical path of the MPS, which is below the Minimum Schedule Contingency level of 8 months. Revisions to the Schedule Contingency minimum levels have been developed and reviewed by FTA. Revisions to schedule contingency minimum levels have been reevaluated utilizing the approved Contract 1300 baseline schedule and found to be consistent with previous results. A re-evaluation is now required, utilizing the updated Contract 1300 Schedule to justify any revisions to current minimums.

The 1300 Contractor submitted the fourth Schedule Update (thru June 2015), indicating a late finish as shown in the prior updates. All updates have been rejected and require resubmission. The June Schedule Update shows slippage of progress on the Critical Path. The 1300 Contractor continues to address key critical activities to recover lost time and improve schedule performance. Review of schedule update as well as identifying recovery options is ongoing.

Contract 1252 Tunnels:

The 1252 construction management team is working with the 1252 Contractor to ensure all of the requirements of Final Completion are achieved. Contract Closeout activities are ongoing to close out the contract.



The approach and curb of the tunnel portal can be seen here, under the Interstate 80 overpass.

Schedule Highlights - Continued

Contract Milestones	Required Finish	APR 2015 Finish	MAR 2015 Finish	Ahead/ Behind Requirement
Contract 1252 Tunnel Substantial Completion	15-Apr-15	15-Apr-15	15-Apr-15	(0) CD

Contract 1252 performed the following work this period:

- Project closeout administration and documentation
- Final Completion Date: May 15, 2015

Contract 1300 Stations, Surface, Track and Systems

Contract 1300 schedule currently shows a summary version of Tutor Perini Corporation's (TPC) preliminary Baseline and Bid Schedule. This summary 1300 schedule will be replaced with Tutor's approved Baseline Schedule and monthly update schedule. Update Schedule is currently under SFMTA review. The Update Schedule will be incorporated into master program schedule if the major review comments are incorporated.

Contract 1300 has several interface points with Contract 1252. The timing of these interface points correlate to when the NTP was issued for Contract 1300. This table represents the current status of these interface points with respect to the Contract 1252 update. The 1300 Contractor is not ready to access the tunnel used by Contract 1252. The tunnel access from Contract 1252 is not expected to impact Contract 1300. The current completion date of the Contract 1252 is shown in the table below.

Interface Points	CN1300 Requirement	CN 1252 Mar 2015 Update	Variance	
Tunnel Portal Completion	24-Sep-15	15-May-15	132	CD

Work Package P-1254R CTS performed the following work this month:

- Backfill Surface Slab at Washington Street
- Completed pothole dewatering wells on Stockton Street
- Completed inclinometers on Stockton Street
- Began permanent utility relocation under Washington Street
- Continue relocating ductbank on Stockton Street

Work Package P-1253 UMS performed the following work this month:

- Continued setting and welding beams in the Ellis Annex and in the North Concourse
- Continued production and test jet grouting on the east and west sides of Stockton Street

Schedule Highlights - Continued

Work Package P-1255 YBM performed the following work this month:

- Traffic flowing on west side of 4th Street with east side work area closed for roof and utility construction
- East side surface slab construction is in progress (three segments, TPC sections 4, 5, 6 south to north) – roof slab in sections 4 and 5 is complete with utility installation and backfill in progress, roadway section removal and excavation in section 6 is in progress
- Backfill over portion of headhouse beneath Clementina Street is in progress
- Utility installation at 4th and Howard (sewer mains) and at 4th and Folsom (culvert) is in progress
- Headhouse dewatering and excavation to temporary bracing level 1 is in progress
- Archaeological monitoring is in progress

Work Package P-1256 STS performed the following work this month:

- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation
- Started 36" sewer force main



Prior to the excavation of an emergency access shaft halfway between Washington and Jackson on Stockton, work to relocate utilities is underway.

Master Project Schedule

Page 1 of 1

Activity ID	Activity Name	2015			2016			2017			2018			2019			2020			
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
CENTRAL SUBWAY PROJECT																				
	Program Level Milestones	4039																		
P01000	Central Subway Project Start	4072																		
MS0004A	Tunnel Excavation Complete - Project Milestone #4A	0																		
MS0009	Baseline Finish Date: 12-26-2018	0																		
MS0009	CSP Revenue Service Date	0																		
Preliminary Engineering Phase																				
	Final Design	2681																		
	Light Rail Vehicles	1811																		
	Real Estate	2060																		
	Construction Phase	2371																		
	Construction Support and Costs	2349																		
	Construction Utility Contract #1- IMOS & Portal CN-1250	2671																		
	Construction Utility Contract #2 - UMS CN-1251	505																		
	Construction Tunnels CN-1252	643																		
	Construction CN-1300	1076																		
	CH- 1300 Milestone	1386																		
	Construction UMS Station P-1253	1790																		
	Construction CTS Station P-1254R	1790																		
	Construction YBM Station P-1255	2015																		
	Construction STS P- 1256	1234																		
	UMS-1253 Contract Modification	1234																		
	Project Start Up	533																		
	Unallocated Contingency	175																		
	Cost Activity Unallocated Contingency (LOB) - 1,7,500.99,0960.00 - Contingency	219																		
<p>Program Level Milestones</p> <p>◆ Baseline Finish Date: 12-26-2018</p> <p>◆ CSP Revenue Service Date</p> <p>Light Rail Vehicles</p> <p>Construction Phase</p> <p>Construction Support and Costs</p> <p>Construction Tunnels CN-1252</p> <p>Construction CK-1300</p> <p>CH- 1300 Milestone</p> <p>Construction UMS Station P-1253</p> <p>Construction CTS Station P-1254R</p> <p>Construction YBM Station P-1255</p> <p>Construction STS P-1256</p> <p>UMS-1253 Contract Modification</p> <p>Project Start Up</p> <p>Unallocated Contingency</p> <p>Cost Activity Unallocated Contingency (LOB) - 1,7,500.99</p>																				
SFMTA Central Subway Project Master Project Schedule Summary Schedule - June 2015															Required Revenue Service Date: 26-Dec-18 Data Date: 30-Jun-15					



T Line trains arrive at the 4th and King surface station while utility relocation work is underway at the edge of the 4th and King intersection.

Contracts & Construction

Construction Contracts In Progress

Contract 1252: Central Subway Tunneling

- Contractor: Barnard Impregilo Healy (BIH) JV
- Amount: \$241.29 million
- Contract Status: 99.83% complete construction

Contract 1300: Combined Work Packages 1253, 1254, 1255, 1256

- Contractor: Tutor - Perini Corporation
- Amount: \$838.24 million
- Contract Status: 32.11% complete construction

Contracts Completed

[See Appendix D](#)

Contract 1250: Moscone Station and Portal Utilities Relocation

Contract 1251: Union Square/Market Street Station Utility Relocation

Contract 1277: Pagoda Theater Site Demolition (Funded separately from the CS Project budget)

Contract SBE Participation (Updated Quarterly)

[See Appendix E](#)

Central Subway Tunneling

Contract 1252 Contractor: Barnard Impregilo Healy Joint Venture

Description of Work

1.5-mile twin bore tunnels from Hwy I-80 to North Beach using two tunnel boring machines (TBMs). Contractor procurement and installation of the TBMs; construction of the TBM launch box and retrieval shaft excavation support; Yerba Buena/Moscone Station and Union Square/Market Street Station end walls; tunnel excavation and installation of precast segmental lining, the 4th Street portal transition to the surface and cross passages. Throughout, settlement monitoring and protection of existing utilities, buildings and BART tunnels.

Status

- Project closeout administration and documentation
- Final Completion Date: May 15, 2015

This will be the final month of reporting on Contract 1252.



Contract Details	
Contract Awarded:	June 28, 2011
Notice to Proceed 1:	January 27, 2012
Notice to Proceed 2:	March 14, 2012
Partial NTP 3:	April 12, 2012
Notice to Proceed 3:	October 15, 2012
Substantial Completion:	April 15, 2015
Contract Award Value:	\$233,584,015
Modifications to Date:	\$7,707,417
Current Contract Value:	\$241,291,432

Budget/Expenditures	
Category	Amount
Current Budget	\$251,068,968
Other Project Budget	\$5,150,000
Other Offset Credits	\$1,135,610
Expenditures to Date	\$234,616,104

Contract 1252 achieved Final Completion on May 15, 2015. The 1252 construction management is working with the 1252 Contractor to complete the punish list and closeout the contract. There will be no future updates on Contract 1252 activities.



Stations, Surface, Track and Systems

Contract 1300 Contractor: Tutor-Perini Corporation

Description of Work

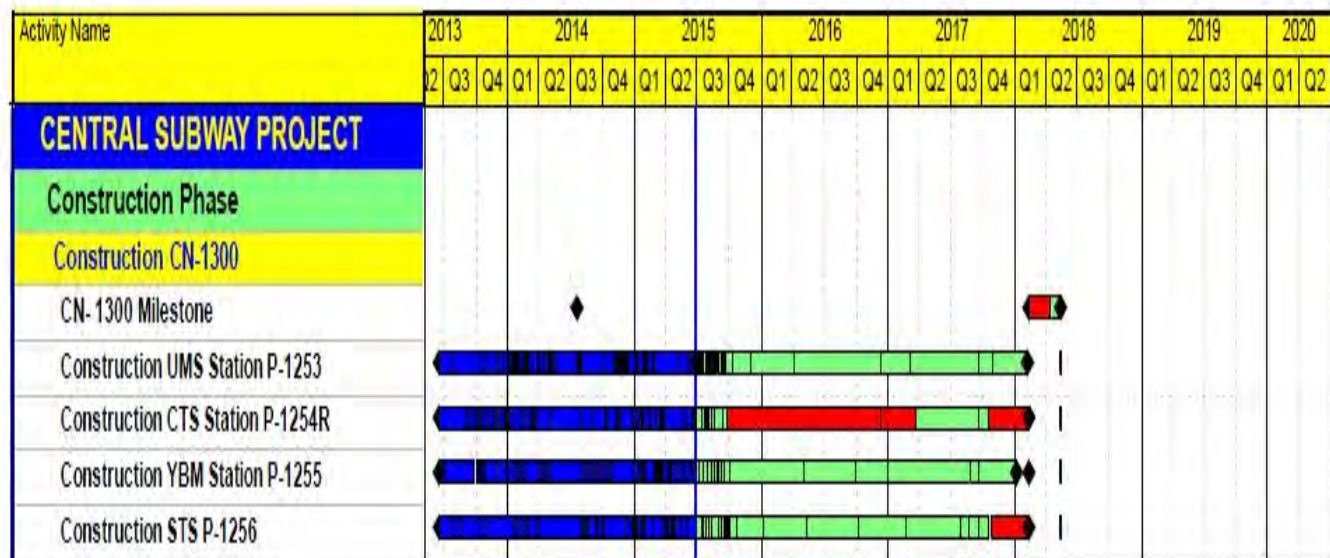
The Contract 1300 scope is to construct the Central Subway's three subway stations, one surface station, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

Work includes station finishes, AC and DC substations, elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, Cutter Soil Mixing, secant pile bottom up and Sequential Excavation Method construction, settlement monitoring, building protection, connecting to and modifying the BART Powell Street Station, PA, CCTV, signage, installation of fare collection equipment and station start-up and commissioning.

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$839,676,400
Modifications to Date:	(\$1,432,743)
Current Contract Value :	\$838,243,657

Budget/Expenditures▲	
Current Budget	\$859,676,400
Expenditures to Date	\$269,197,952

1300 Summary Schedule



Chinatown Station

Contract 1300 - Work Package 1254R



Description of Work

This Work Package is to construct one subway station. Includes station finishes, AC and DC Traction Power substations elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, slurry wall top-down construction, settlement monitoring, building protection, PA, CCTV, signage, installation of fare collection equipment and station start-up and commissioning.

Current Work Status

- Backfill Surface Slab at Washington Street
- Completed pothole dewatering wells on Stockton Street
- Completed inclinometers on Stockton Street
- Began permanent utility relocation under Washington Street
- Continue relocating ductbank on Stockton Street



Work Expected Next Month

- Install dewatering wells on Stockton Street
- Deliver temp bracing beams
- Install service crane
- Install MBX instrumentation on Stockton Street
- Continue PG&E duck bank work on Stockton Street

Three Month Look Ahead

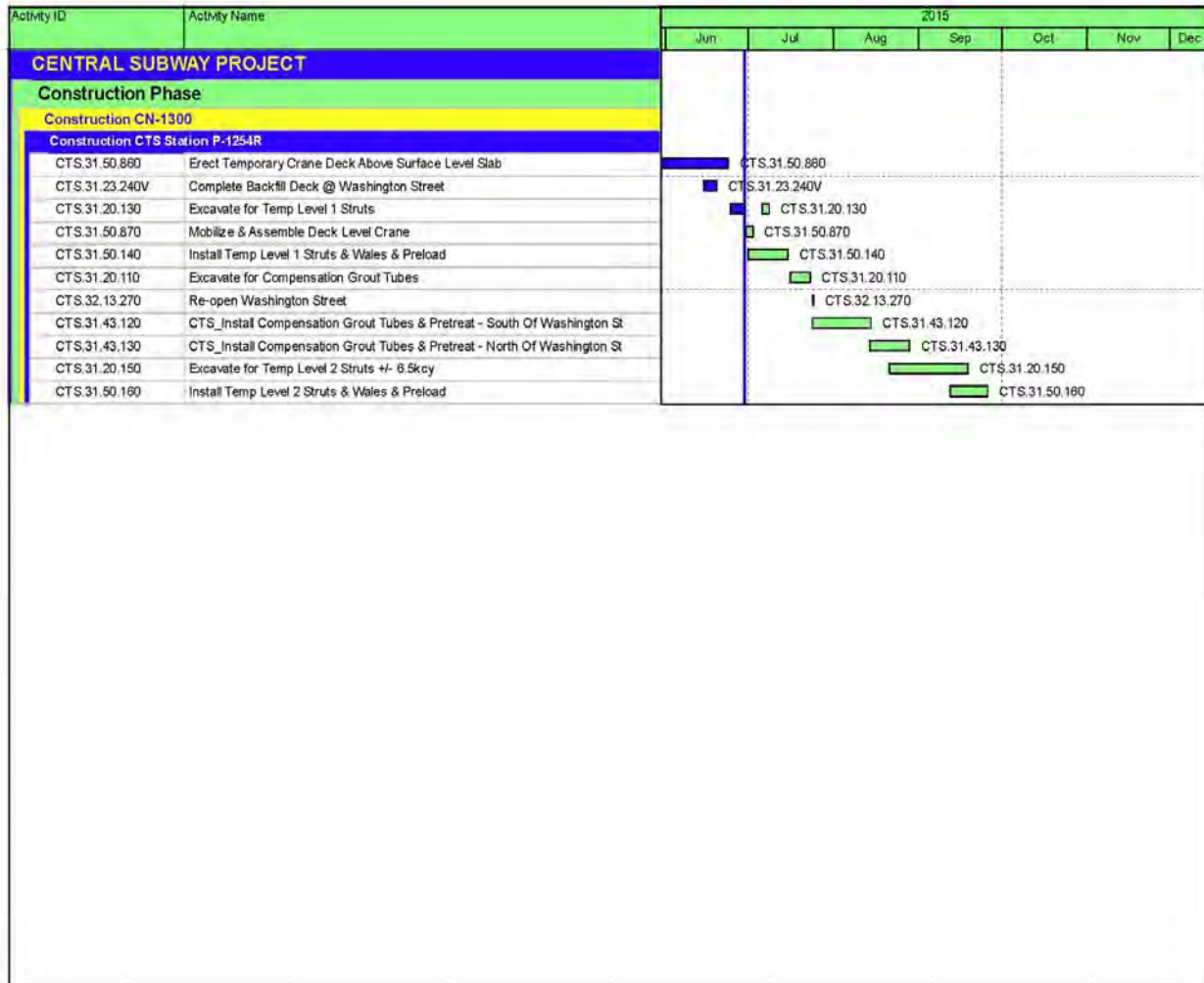
- Excavate to El 70, install compensation grout tubes, pre grout
- Slip line brick sewer on Stockton Street
- Drill dewatering wells on Stockton Street
- Excavate inside head house, install temp bracing
- Open Sidewalk Washington Street

Chinatown Station Construction Status - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$247,567,810
Modifications to Date:	\$230,956
Current Contract Value:	\$247,798,766

Budget/Expenditures	
Current Budget	\$252,567,810
Expenditures to Date	\$60,153,097

CTS Three Month Schedule



Union Square/Market Street Station

Contract 1300 Work Package 1253

Description of Work

This Work Package is to construct one subway station. Includes station finishes, AC and DC Traction Power substations elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, slurry wall top-down construction, settlement monitoring, building protection, PA, CCTV, signage, installation of fare collection equipment and station start-up and commissioning.

Current Status This Month

- Continued setting and welding beams in the Ellis Annex and in the North Concourse
- Continued production and test jet grouting on the east and west sides of Stockton Street

Work Expected Next Month

- Street closures: Stockton Street between Ellis and Post and Ellis halfway, Stockton to Powell. Alternate lane configuration on O'Farrell at Stockton. Narrowing of Geary to 1 lane at Stockton
- Union Square Garage – demolition, tieback installation, and utility work
- North Concourse - install decking, concrete for roof deck and reroute of ductbanks and water-line
- Continue jet grouting operations on East and West sides of Stockton Street between Geary and O'Farrell Streets
- Continue compensation grouting pipe installation and preconditioning along Stockton Street
- Install I beams for roof installation between Maiden Lane and Geary Street
- Demolition and roof deck installation operations at Ellis Street Annex



Three Month Look Ahead

- Progress I-beam, roof deck and waterproofing installation for roof deck construction
- Continue demolition operations at Ellis Street on remaining BART structure to be removed
- Install new roof on Ellis for BART Station entrance to UMS station
- Continue working on Union Square Garage, tieback installation, micro-pile installation and demolition
- Continue jet-grouting operations on Stockton Street between Geary and O'Farrell Streets
- Install new roof on Station between Maiden Lane and Geary Street

Union Square Market Street Station Construction - Continued

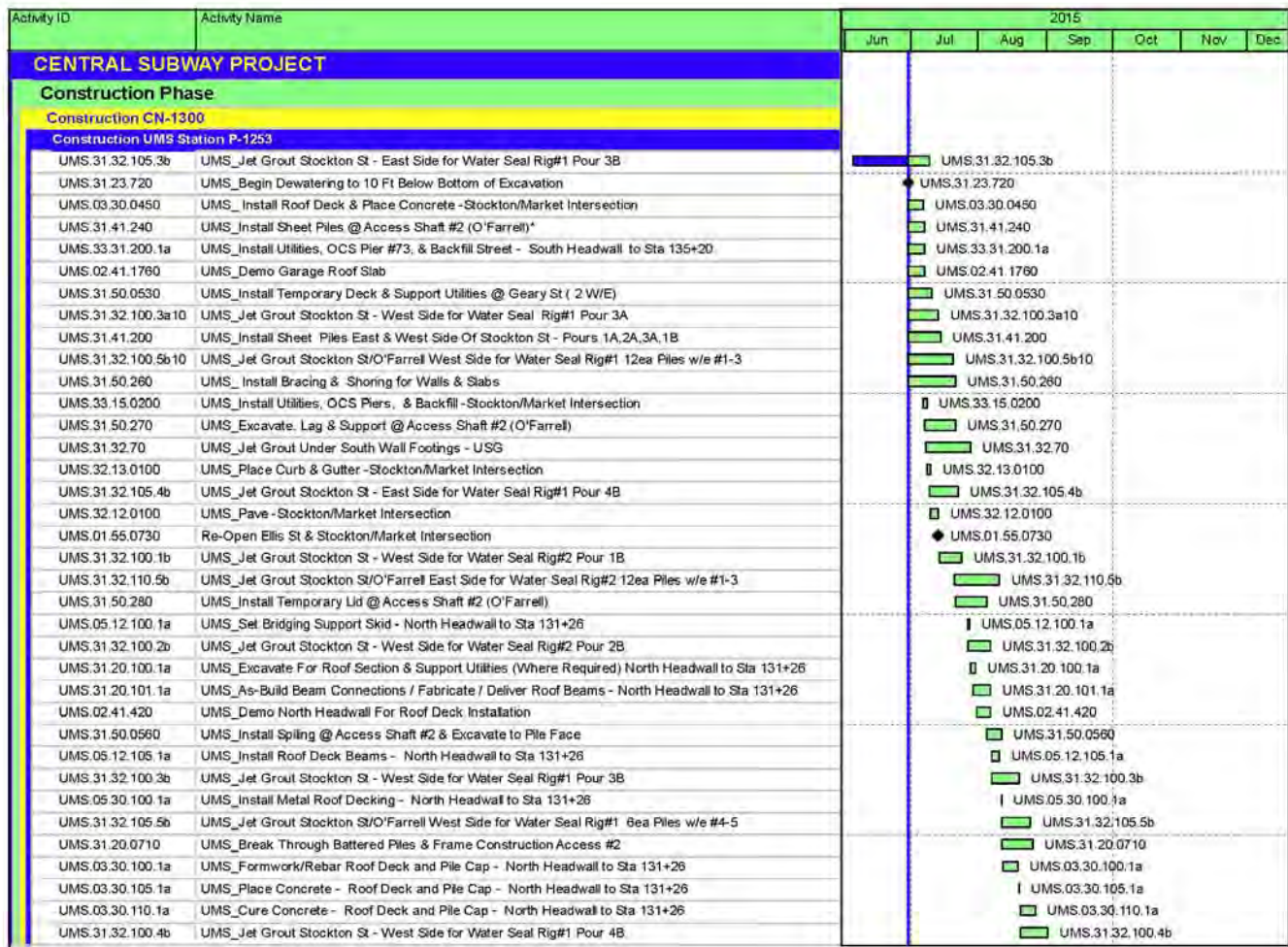
Contract Details

Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$294,030,590
Modifications to Date:	\$90,000
Current Contract Value:	\$294,120,590

Budget/Expenditures ▲

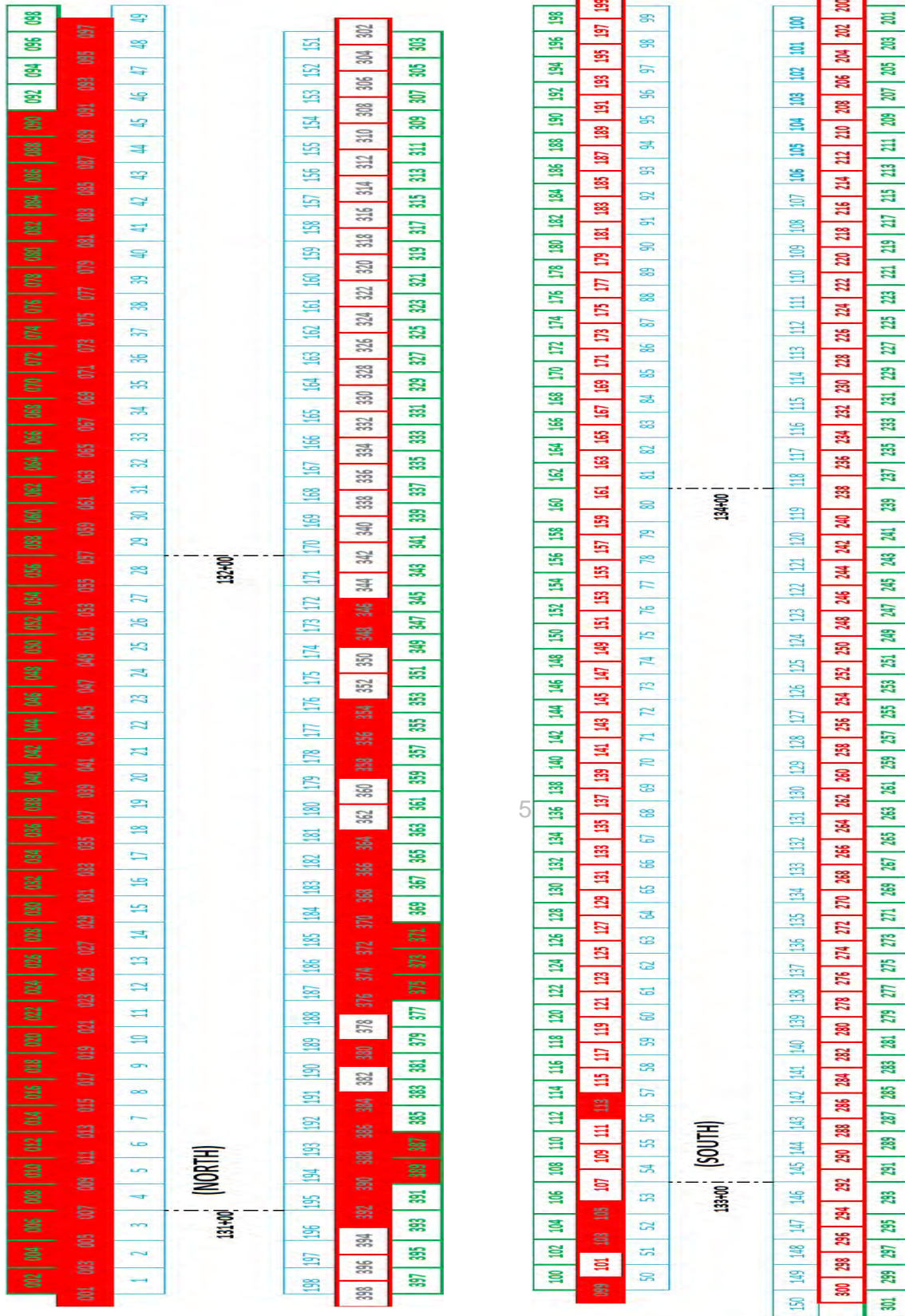
Current Budget	\$299,030,590
Expenditures to Date	\$118,298,341

UMS Three Month Schedule



UMS North End and South End Jet Grouting

Jet Grouting - 121 of 398 Completed



Completed

Yerba Buena/Moscone Station

Contract 1300 - Work Package 1255



Current Status

- Traffic flowing on west side of 4th Street with east side work area closed for roof and utility construction
- East side surface slab construction is in progress (three segments, TPC sections 4, 5, 6 south to north) – roof slab in sections 4 and 5 is complete with utility installation and backfill in progress, roadway section removal and excavation in section 6 is in progress
- Backfill over portion of headhouse beneath Clementina Street is in progress
- Utility installation at 4th and Howard (sewer mains) and at 4th and Folsom (culvert) is in progress
- Headhouse dewatering and excavation to temporary bracing level 1 is in progress
- Archaeological monitoring is in progress

Work Expected Next Month

- East side surface slab construction (three segments, TPC sections 4, 5, 6 south to north), concrete placement in section 6
- Continue utility installation on east side of station box roof
- Begin Installation of temporary bracing in headhouse excavation

Description of Work

This Work Package is to construct one subway station. Includes station finishes, AC and DC Traction Power substations elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, slurry wall top-down construction, settlement monitoring, building protection, PA, CCTV, signage, installation of fare collection equipment and station start-up and commissioning.



- Continue headhouse excavation and breakthrough beneath station roof on 4th Street

Three Month Look Ahead

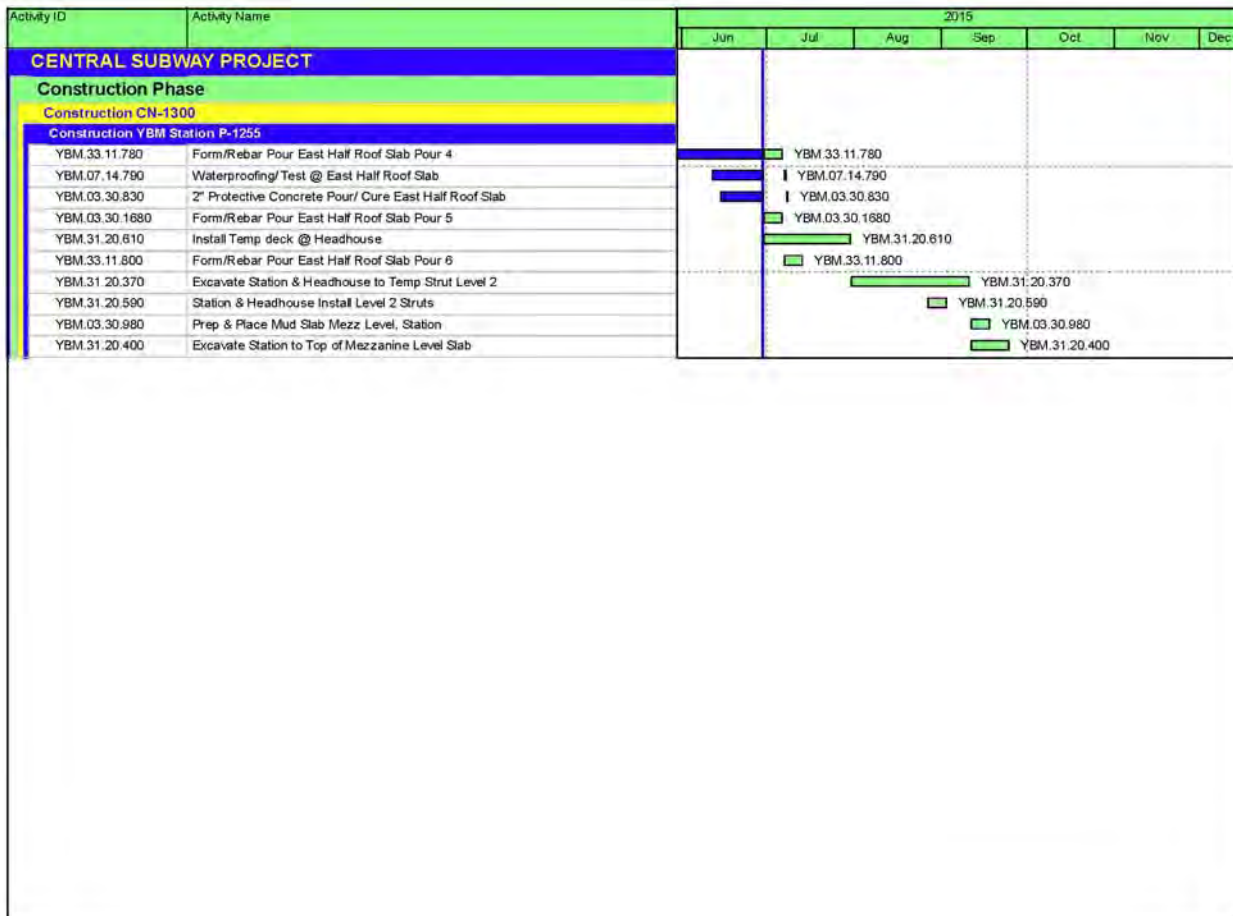
- East side station box roof slab excavation and concrete placement
- Utility Installation above east side station box roof slab
- Restoration of traffic lanes on 4th Street
- Continuation of headhouse excavation, install excavation temporary bracing
- Archaeological Monitoring

Yerba Buena Moscone Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$158,089,000
Modifications to Date:	(\$1,833,869)
Current Contract Value:	\$156,255,131

Budget/Expenditures ▲	
Current Budget	\$163,089,000
Expenditures to Date	\$68,049,380

YBM Three Month Schedule



Systems, Trackwork, & Surface Station

Contract 1300 - Work Package 1256

Description of Work

This Work Package is to construct one Surface Station. Includes light rail track and systems, track invert, track safety walkways; light rail track and systems constructed on the 2,000 foot surface for the alignment from the tunnel portal, south to the tie-in to the existing Muni T-Line at Fourth and King Streets; and the surface Fourth and Brannan Street (FBS) Station.

Current Status

- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation
- Started 36" sewer force main

Work Expected Next Month

- Continue 78" sewer rehabilitation
- Continue MRY ductbank and vault installation
- Continue 36" sewer force main

Three Month Look Ahead

- Waterline installation
- AWSS installation
- Muni ductbank installation
- 36" sewer force main installation
- 78" Sewer rehabilitation
- Start 4th/King Special Trackwork



Systems, Trackwork, & Surface Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$139,989,000
Modifications to Date:	\$80,170
Current Contract Value:	\$140,069,170

Budget/Expenditures	
Current Budget	\$144,989,000
Expenditures to Date	\$22,697,134

Systems, Track and Surface Station Three Month Schedule

Activity ID	Activity Name	2015						
		Jun	Jul	Aug	Sep	Oct	Nov	Dec
CENTRAL SUBWAY PROJECT								
Construction Phase								
Construction CN-1300								
Construction STS P-1256								
STS1240	STS_Pothole: Utilities: Pothole for Gas Distribution							
STS.33.11.100	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St Through Bryant St Intersection							
STS.33.11.120	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Bryant St To Welch St)							
STS.33.71.160	STS_Install: Utilities: MRY Ductbanks MH 1894 To 1897 - Brannan St							
STS.33.11.130	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Through Welch St Intersection)							
STS.33.11.140	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Welsh St To Freelon St)							
STS.33.11.150	S_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Through Freelon St Intersection)							
STS.33.11.160	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Freelon St To Brannan St)							
STS.26.05.2660	STS_Install: OCS System - Install OCS Pole Foundations In Townsend Street To 5th Street							
STS.26.05.3960	STS_Install: Street Lighting - Pull & Terminate Street Lights In Townsend South Side							
STS.26.05.2690	STS_Install: OCS System - Install OCS Poles In Townsend Street To 5th Stree							

Program Components

Community Outreach

Outreach public information, events and presentations for June 2015 include:

Addressed complaint from child care center regarding white zone at Folsom and 4th Street

Coordinated FIDM replacement sign at Stockton and O'Farrell Street with UMS construction team and contractor

Set up final walk-through inspection with STS construction team, contractors, business and property owners on fence and patio repair at 4th and Bryant Street

Outreach in Support of Mitigation and Monitoring

Team members participated in weekly progress and traffic meetings to address neighborhood concerns

Outreach and communication efforts continue in Chinatown, Union Square, and SOMA

Weekly construction update emails sent to list of approximately 600 residents and stakeholders

Distributed monthly construction update to STS and CTS neighborhood; CTS flier are bi-lingual

Media Coverage

Central Subway Media Coverage			
Date	Title (with link to story)	Source	Reporter/Writer
06/16/15	MAYOR LEE ANNOUNCES EXPANSION OF CITY'S SUCCESSFUL CITYBUILD CONSTRUCTION WORKFORCE PROGRAM	RealEstateRama	None
06/17/15	How New S.F. Subway Proved Central to Chinatown Development	Multi-Housing News	Jeffrey Steele

Quality Assurance

Quality Assurance monthly activity of oversight, surveillance, audits, proactive feedback and QA records actively involves the Project construction management staff, the resident engineers, the prime construction contractor and their subcontractors.

Stations and Systems Contract CN1300 Quality Assurance Monitoring – On Going

- UMS roof beam to pile WF installation – Installation of steel is proceeding as joint details are painstakingly reviewed for approval, through numerous meetings and subsequent revised/supplemental erection submittals – primarily only fit-up (tack welding) was performed this month
- UMS Water Proofing Subcontractor – Waterproofing Experts (no activity during this month – anticipated to begin July 2015)
- UMS Jet Grout Subcontractor, continuation of Jet Grout
- YBM Slurry Wall Panels to roof slab and subsequent interior slabs
- YBM Water Proofing Subcontractor – Waterproofing Experts
- Daily Inspection Reports
- Smith Emery - TPC's laboratory and Inspection Services – including Special Inspections)
- Preparatory, Initial and Additional Initial Phase Meetings as required by Specification Section 01 45 00. Attendance/participation of these vital meetings (Contractor is not allowed to start work until such time that all prerequisite requirements have been met which continues to greatly facilitates all work being done to the strict requirements of the Contract Documents, the "first time").
- Bi-Weekly and ad hoc Quality Task Force Meetings are attended primarily to assist and support the Contractor's QC effort, when conducted
- Daily Instrumentation/Monitoring and Construction Management Task Force (CMTF) Meeting
- Progress Meetings for C1300, STS, YBM, UMS and CTS when conducted and as time constraints allow

Document comment and review:

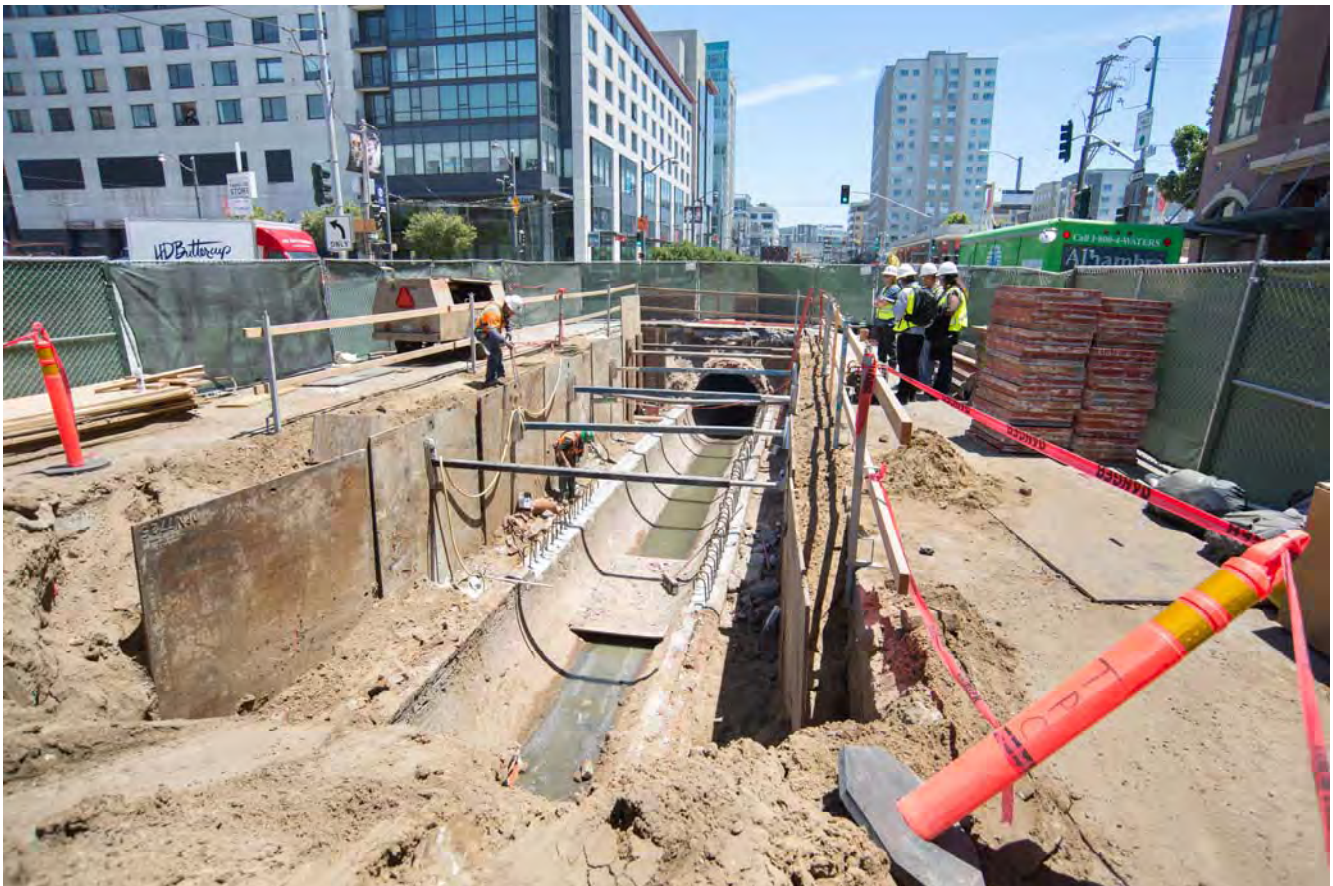
- Contractor's submittals, e.g., review of welding, concrete and other Quality related submittals/comments as requested to support the RE's and CM, and RFIs related to quality.
- QA Staff continues random/spot checks of the 1300 Contractor's Field Testing lab results; items requiring further action/investigation (missing or inconsistent data, compressive strength results that appear to have a very broad range of values and such) are brought to the attention of the Contractor.
- Review of updated CNCR logs and CNCRs that provide guidance to REs regarding content,

Quality Assurance - Continued

accuracy of the disposition and confirmation close-out is correct – TPC QC has been asked to correct the CNCR Log that will result in accurate descriptions and status of each CNCR. TPC QC is to fulfill the 24 hour initial generation of a CNCR upon becoming aware of a non-conforming condition, through the issuance of the “Initial Issue” of each CNCR. The Initial Issue of each CNCR will provide the “what” and “where” but not necessarily the “why” or how to prevent repeating CNCRs. The accuracy and completeness of the CNCR Log continues to be a subject of discussion at each C1300 Progress Meeting and is tracked through the associated Meeting Minutes.

QA Issues:

- TPC’s Program Executive has issued CAR #4 Revisions 3, the issue of TPC Management not honoring the QCM’s authority to Stop Work remains unresolved. Note that the 01 45 00 *Contractor Quality Control* Specification Section requires that the CQM has the ability to issue SWNs). CAR #4 is included in Quality Assurance Audit (QAA) QAA 025, which was posted to the EDMS and transmitted to the Contractor for responses to six (6) findings.



Quality Assurance - Continued

QA Concerns:

- TPC QCM not having the authority to exercise Stop Work to prevent non-conforming work from being incorporated into the permanent Work. (CAR #4)
- Necessity of using both Reinforcing Steel Design Drawings and approved Reinforcing Steel Shop Drawings to inspect/accept rebar placement.
- Incomplete/confusing shop drawing submittals for UMS structural steel resulting in QC and or QA stopping TPC from making welded connections upon discovery that approved details are missing, continues.
- Welding inspection and associated documentation of CWI acceptance of all welded joints, including tack welding, at UMS
- Use of CM13 as the document depository related to a user having the ability to delete submittal attachments after a submittal has been approved without any record or trail of the deletion (this was a finding included in QAA 025 Audit Report)
- Contractor's Quality Control Manager's (CQM) attendance

Other Program QA Practices Implemented

- Close-out of Corrective Action Requests: Close outs continued from Quality Assurance staff's Audits, Surveillances and PMOC Quarterly Reviews. The status is tracked in the Corrective Action Log that is provided to the project team and the FTA PMOC.
- On-going indoctrination to the CSP Quality Program continues on a one-to-one basis as new personnel are added to the PM/CM Staff.
- Completed and posted to the EDMS Quality Assurance Audit QAS 025 of the implementation and effectiveness of some components of the C1300 Contractor's approved Contractor Quality Program (CQP). The Contractor's response to the 6 audit findings should be provided mid July 2015.
- Revision 11 of the Contractor's CQP was reviewed with an approval status of Reject and Re-submit due to revisions made that are not per the requirements stated in Specification 01 45 00, Quality Control related to Contractor Non Conformance Reports (CNCRs).
- Quality Assurance Surveillance's QAS 063 - Indoctrination to TPC's QCP and QAS 065 - AWSS Saddles at YBM, were completed posted to the EDMS and transmitted to the Contractor for action/information.

Quality Assurance - Continued

Risk Management

Risk Mitigation Management Meeting No. 71 was held on June 4, 2015. The Risk Assessment Committee reviewed and discussed Risks that include Construction Risks with ratings above 6; Remaining Requirement and Design Risks; and, any New Risk Assessment and Mitigations identified to date.

Program Safety & Security

The San Francisco Municipal Transportation Agency is committed to the highest practical level of safety and security standards and practices in the public transit industry. The Safety and Security Management Plan (SSMP) components are reported on below as appropriate including, Safety and Security Committee, the Fire Life Safety and Security Committee the Construction Conformance Verification and Documentation and Contractor Safety and Security.

Safety Summary for Stations Systems Track Construction

Table 1300 summarizes the Month to May 2015 and Project to Date for the Stations, Systems and Track Construction contractor and subcontractors. Table 1300 shows that no recordable accidents took place in May.



Signage marks a temporary detour near the intersection of 4th and Bryant. Work to relocate and upgrade existing utilities is underway here.

Program Safety & Security - continued

Project Safety Record - Contract 1300

Through Month End -JUNE 2015

SAFETY GOALS

OSHA Recordable Accidents, <3.4
Lost Time Cases, <1.6

JOB TO DATE	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	0	0	0	0.00
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
Total Project Incidents	0	0	0	0.00
Man Hours Worked Through M/E June 2015	230,111	363,188	593,299	

YEAR TO DATE (Month ,Day, Year to Month, Day, Year)	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	0	0	0	0.00
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
Total Project Incidents	0	0	0	0.00
Man Hours Worked Through M/E June 2015	94,341	106,970	201,311	

* Rate is calculated based on number of incidents divided by total number of man hours worked multiplied by 200,000 man hours.

OSHA Recordable Accidents - 2008 Construction Industry Rate for Highway, Street, and Bridge Construction = 3.9

Program Safety & Security - continued

Safety Summary for Tunnels Construction

Contract 1252 achieved Final Completion on May 15, 2015. The 1252 construction management is working with the 1252 Contractor to complete the punch list and closeout the contract. There will be no future updates on Contract 1252 activities.



Technical Capacity

No Project positions are currently open or unfilled.



A finished section of reconstructed sewer roof just south of 4th and Bluxome. Once complete, this section will be backfilled and work will progress to the next section.

Staffing

The Central Subway Staffing Table shows Planned and Actual full-time equivalent staff (FTEs) working on the Program by organizational function and responsibility.

	Apr-2015		May-2015		Jun-2015	
	Planned	Actual	Planned	Actual	Planned	Actual
Project Management						
Program Management	7.10	6.70	7.10	6.00	7.10	6.00
Quality Assurance	1.80	2.30	1.80	2.30	1.80	2.30
Contract Administration	1.40	1.40	1.40	1.40	1.40	1.40
Community Outreach	5.50	5.50	5.50	5.00	5.50	5.10
Finance	2.00	2.00	2.00	2.00	2.00	2.00
Project Controls	5.80	6.10	5.80	6.10	5.80	6.10
Subtotal	23.60	24.00	23.60	22.80	23.60	22.90
Construction Management						
CM - CN 1252	4.00	2.00	4.00	2.00	4.00	2.00
CM - CN 1300	30.00	25.70	30.00	27.70	30.00	28.20
Design Support - CN 1252	0.90	0.55	0.90	0.10	0.90	0.10
Design Support - CN 1300	12.40	11.00	12.40	12.00	12.40	12.00
Subtotal	47.30	39.25	47.30	41.80	47.30	42.30
Start Up						
Start Up / Safety & Security	3.00	2.10	3.00	2.10	3.00	2.10
Subtotal	3.00	2.10	3.00	2.10	3.00	2.10
Total	73.90	65.35	73.90	66.70	73.90	67.30

Third-Party Agreements

In January 2015, the court issued a decision on the amount payable to the property for the single outstanding access license, for compensation grouting, at 19 Stockton Street, adjacent to the Union Square / Market Street Station. The City Attorney's Office is reviewing the decision and assessing its options for appeal.

Installation of instrumentation within the building is complete. Project staff have notified the property owner that installation of the compensation grout tubes will commence by the end of June. Project staff continue to keep the Property Owner informed of the status of the work.

LRV Procurement

The SFMTA light rail vehicle procurement continues to schedule the 24 LRVs that will be part of the Central Subway start up to be ready for service testing and training by mid 2018 in order to begin use at the start of Central Subway service in December 2018.

The SFMTA Board authorized award of the contract on July 15, 2014 to Siemens for up to 260 cars, which includes a base contract of 175 cars for a total of \$648 million, with an option to acquire up to 85 more, bringing the overall total to 260 cars. On September 19, 2014 Mayor Edwin Lee approved the contract.

LRV task date/month milestones will be further developed and integrated into CS Master Project Schedule, the Rail Activation Plan and the startup schedule in 2015.



A mini excavator works to assist a crew performing utility relocation efforts on Stockton near Jackson.

central **T** subway

Current Construction Activity



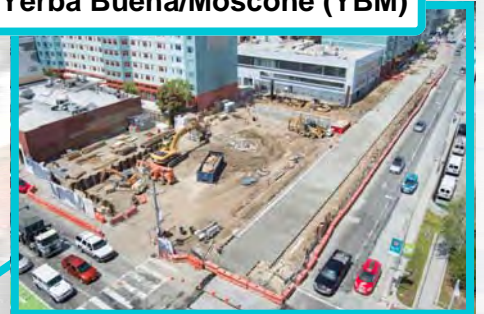
Chinatown (CTS)



Union Square/Market Street (UMS)



Yerba Buena/Moscone (YBM)



4th St. Surface Track, Systems (STS)



— 8,500 feet of tunnel alignment completed June 2014.
— 2,000 feet of surface alignment to be completed.



A temporary steel deck can be seen being erected over the finished roof slab of the station headhouse. This will prevent the roof slab from being damaged by vehicle tracks.



Workers will “break through” the temporary concrete slab constructed at the bottom of the access shaft shown here, when beginning excavation efforts.



A worker compacts soil accumulated adjacent to a temporary deck being constructed for heavy machinery.



A future access shaft in the roof slab can be seen near a temporarily-backfilled portion of Washington Street.

UMS



Terrace walls and other decorative elements have been removed from the future north entrance site to the Union Square/Market Street Station at the Union Square Garage.



Rubble from benches and terrace walls is sorted by material before being removed off site.



Soil is sifted and sorted from other building materials before being removed offsite.



A temporary steel and wooden deck has been constructed over the future portion of the Union Square Garage that will be demolished prior to station entrance construction.



The roof of the Yerba Buena/Moscone Station is being constructed in phases. Work on the west side of 4th Street has been completed. Here work on the east side is underway.

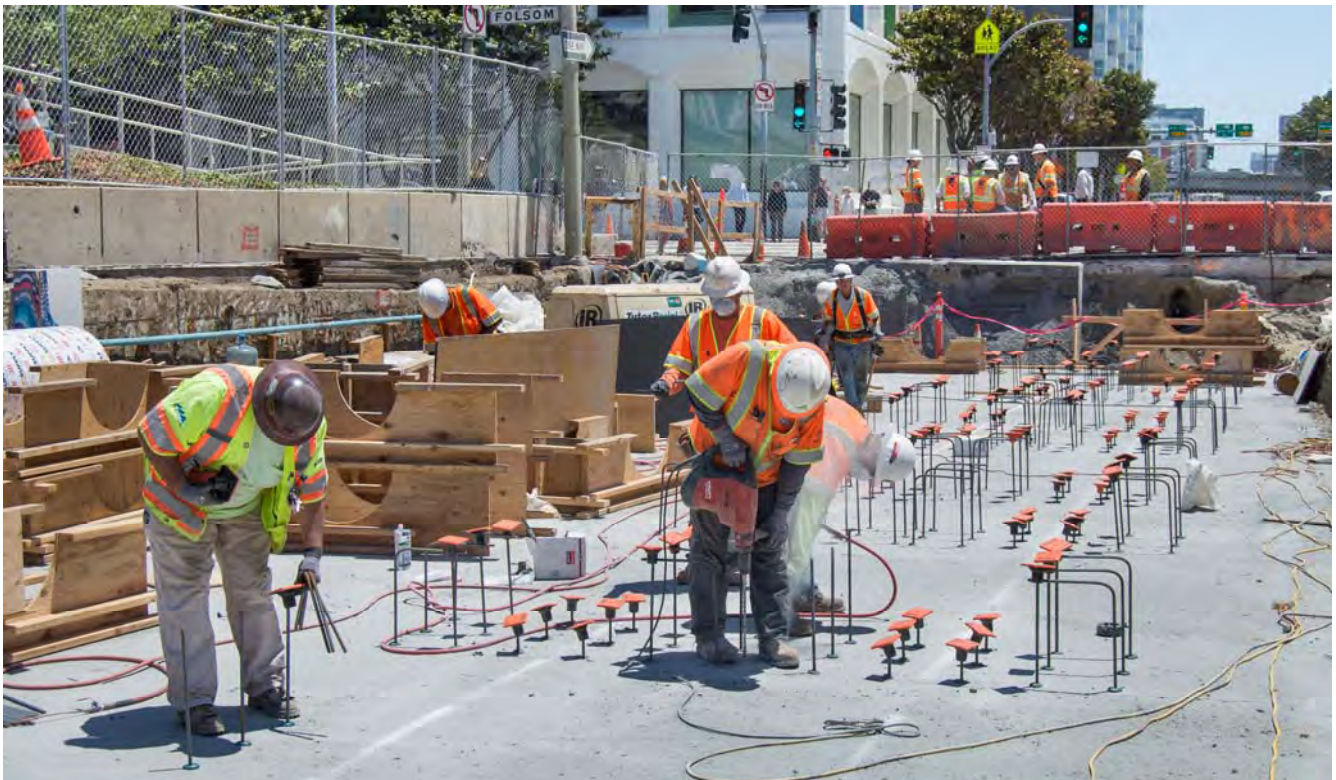


Each section of roof slab is composed of reinforced concrete, and is several feet thick.

YBM - continued



After each roof section is complete, a vinyl water barrier is installed, and a thin layer of concrete is poured over it.



The final phase of roof slab work includes installing utilities above, and backfilling to restore the roadway.

STS



A new, reinforced sewer roof can be seen just south of Bluxome in SoMa.



New fencing was installed outside local taqueria Chavo's. A new utility vault has been installed under the sidewalk, here.

STS—Continued



A worker inspects shoring at a trenching operation near Bluxome and 4th.



Workers have been conducting utility potholing, upgrading, and relocation activities along 4th Street, where the future surface alignment of the T Line will travel.

Appendix A

DETAIL COST REPORTS

1. PROJECT COST

The Current Cost Estimate (CCE) for the Central Subway Project is **\$1.578 billion** in year of expenditure dollars (\$YOE). This total project cost is shown at the top of Report 7.1, Program Project Budget. This capital cost projection incorporates allocated and unallocated contingencies to cover the risks associated with the project completion.

Total net incurred costs for the project are \$806.38 million, a \$9.89 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$754.18 million) plus the utilities joint trench Form B Reimbursement payment (\$10.03 million), invoices currently being processed (\$28.42 million) and estimates of outstanding pay requests (\$13.75 million). This incurred amount equals 51.09% of the total project budget of \$1.578 billion.

The current funding level to date is \$1,029.79 million. This represents 65% of the total project budget.

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.1	52	3/31/2014	\$ 35,640.00
CS155.1	53	4/30/2014	\$ 20,527.00
CS155.1	54	5/31/2014	\$ 30,702.00
CS155.1	55	6/30/2014	\$ 21,712.00
CS155.1	56	7/31/2014	\$ 38,474.00
CS155.1	57	8/31/2014	\$ 42,393.00
CS155.1	58	9/30/2014	\$ 39,232.00
CS155.1	59	10/31/2014	\$ 36,256.00
CS155.1	60	11/30/2014	\$ 22,204.00
CS155.1	61	12/31/2014	\$ 19,820.00
CS155.1	62	1/31/2015	\$ 20,970.00
CS155.1	63	2/28/2015	\$ 19,070.00
CS155.1	64	3/31/2015	\$ 16,373.00
CS155.1	65	4/30/2015	\$ 16,369.00
CS155.1*	66	5/31/2015	\$ 2,121.00
CS155.1*	67	6/30/2015	\$ 1,180.00
CS155.2	59	1/31/2015	\$ 149,597.90
CS155.2	60	2/28/2015	\$ 124,730.00
CS155.2	61	3/31/2015	\$ 152,981.50
CS155.2	62	4/30/2015	\$ 200,556.00
CS155.2*	63	5/31/2015	\$ 191,448.00
CS155.2*	64	6/30/2015	\$ 196,467.00

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.3	59	3/30/2015	\$ 57,508.00
CS155.3	60	3/31/2015	\$ 71,356.82
CS155.3	61	4/30/2015	\$ 63,948.37
CS155.3*	62	5/31/2015	\$ 65,130.00
CS155.3*	63	6/30/2015	\$ 53,964.00
Contract 1252	38	3/30/2015	\$ 1,386,601.62
Contract 1252*	39	4/30/2015	\$ 1,386,601.62
Contract 1252*	40	5/31/2015	\$ 709,936.78
Contract 1252*	41	6/30/2015	\$ 321,127.00
Contract 1300	15	3/31/2015	\$ 6,760,337.00
Contract 1300	16	4/30/2015	\$ 9,836,326.00
Contract 1300	17	5/31/2015	\$ 7,965,803.00
Contract 1300*	18	6/30/2015	\$ 9,489,773.62
CS149	75	4/30/2015	\$ 626,341.94
CS149*	76	5/31/2015	\$ 483,285.82
CS149*	77	6/30/2015	\$ 600,000.00
CS156.1	48	1/31/2015	\$ 81,713.15
CS156.1	49	2/28/2015	\$ 79,068.45
CS156.1	50	3/31/2015	\$ 87,287.88
CS156.1*	51	4/30/2015	\$ 90,152.64
CS156.1*	52	5/31/2015	\$ 71,603.68
CS156.1*	53	6/30/2015	\$ 78,665.12
other accruals*		6/30/2015	\$ 404,131.32

* Estimated Amount \$ 42,169,487.23

2. CONTINGENCY ALLOCATIONS AND USAGE

The current Total Project Contingency is **\$84.74 million**, which is a \$24.74 million favorable balance against the current Minimum Contingency level of \$60 million. The Contingency Drawdown Curve is shown in Report 7.3. Follows by Report 7.4 Contingency Management Trend Report with the Remaining Contingency after Approved Changes Deducted contingency items in column “i”.

In this reporting period, Contract 1252 Tunnel and Contract 1300 Stations had not processed any contract modifications. Refer to Report 7.5 for approved contract modifications and potential changes.

3. BUDGET TRANSFERS

No budget transfers in this reporting period.

4. FORM B

The Utilities Joint Trench Form B Details is listed in the Table A2 below. Total utilities joint trench Form B Reimbursement payment to three construction contracts is \$10.03 million.

TABLE A2: UTILITIES JOINT TRENCH FORM B DETAILS	[A] JAN 2014 BUDGET	[B] EXPENDED TO DATE	Associated Cost Account
1.3.491.07.900.01 - FORM B - CN1250 UTILITY REIMBURSEMENT	(2,275,419)	2,463,325	1.3.081.07.040.02 - 1UTL:SITWORK: UTILITIES & RELOC
1.3.491.08.900.01 - FORM B - CN1251 UTILITY REIMBURSEMENT	(7,618,412)	3,608,217	1.3.082.08.040.02 - 2UTL:SITWORK:UTILITIES&RELOCATE
1.3.491.02.900.01 - FORM B - CN1252 UTILITY REIMBURSEMENT	(254,050)	3,958,658	1.3.083.02.040.02 - TUNN:SITWORK:UTILITIES & RELOCATE
1.3.491.03.900.01 - FORM B - UMS: CN1300 UTILITY REIMBURSEMENT	(528,370)		
1.3.491.04.900.01 - FORM B - CTS: CN1300 UTILITY REIMBURSEMENT	(451,703)		
1.3.491.05.900.01 - FORM B - YBM: CN1300 UTILITY REIMBURSEMENT	(100,000)		
1.3.491.09.900.01 - FORM B - STS: CN1300 UTILITY REIMBURSEMENT	(1,000,000)		
TOTAL	(12,227,954)	10,030,200	

5. EARNED VALUE (EV) ANALYSIS

For June the Earned Value Analysis below reports the Planned Value, Earned Value, Percent Complete and resulting indexes:

June Earned Value

Overall Budgeted Cost:	\$ 1,578,300,000
Planned Value:	\$883,896,020
Earned Value:	\$797,622,675
Actual Cost:	\$806,380,867
Schedule Performance Index (SPI):	0.90
Cost Performance Index (CPI):	0.99
Percent Complete:	50.39%

Over all, the program is 50.39% complete, with SPI 0.90 and CPI 0.99. The Earned Value Cash Flow is shown in Report 7.2 below.

Activity ID	Activity Name	Start	Finish	Performance % Complete	Budgeted Total Cost	Planned Value Cost (PV)	Earned Value Cost (EV)	Actual Total Cost (AC)	CM	SPR
CENTRAL SUBWAY PROJECT										
	Preliminary Engineering Phase	03-Jun-03 A	30-Dec-20	50.30%	1,578,300,000	983,896,020	797,622,675	806,390,887	0.98	0.90
	Final Design	08-Jan-10 A	07-Jan-10 A	100%	46,542,061	46,542,061	46,542,061	46,542,061	1.00	1.00
	Light Rail Vehicles	15-Apr-13 A	17-Jun-13 A	100%	115,075,987	115,075,987	115,075,987	113,929,893	1.01	1.00
	Real Estate	01-Aug-08 A	04-Dec-18	8.17%	28,385,853	2,177,132	2,156,360	2,146,905	1.00	0.99
	Construction Phase	09-Jan-10 A	31-Jan-20	69.78%	37,405,895	29,696,342	31,339,249	29,794,918	1.05	1.06
	Construction Support and Costs	03-Jan-10 A	02-May-19	44.71%	1,349,370,949	600,515,499	602,511,018	613,967,250	0.98	0.87
	Construction Utility Contract #1- MCS & Portal C	04-Jan-10 A	02-May-19	37.71%	199,862,849	82,877,119	75,898,518	77,390,462	0.98	0.92
	Construction Utility Contract #2 - JIMS C.N-1251	12-Jan-11 A	23-May-11 A	100%	11,968,150	11,968,150	11,968,160	11,968,150	1.00	1.00
	Construction Tunnels C.N-1252	08-Jun-11 A	15-Oct-12 A	100%	20,794,582	20,794,582	20,794,582	20,794,582	1.00	1.00
	Construction C.N-1300	17-Jun-13 A	24-Jul-15	90.54%	251,068,967	233,701,861	229,825,238	234,616,103	0.98	0.98
	Unallocated Contingency	12-Feb-18	11-May-18	30.71%	859,678,400	341,173,787	264,024,630	269,107,953	0.98	0.77
	Project Management	27-Dec-18	28-Dec-18	0%	9,519,456	0	0	0	0.00	0.00
			30-Dec-20	0%	0	0	0	0	0.00	0.00

Date	Revision	Checked	Approved
31-Jul-12	Cash Flow Curve		

SFMTA, EV Chart
JUNE 30, 2015 Update

ID: CSP-CMPS-YY... Proj Name: SFMTA Central Subway
 Project - JUNE 2015 Update CN 1252...
 Layout: AA 01 MPR EV CHART
 30-Jun-15, 13-Jul-15, 13-48

Earned Value Analysis and Definitions

SPI is a measure of schedule efficiency on a project. It is the ratio of earned value (EV) to planned value (PV). A SPI equal to or greater than one indicates more work was completed than planned and a value of less than one indicates less work was completed than planned. A value of less than 0.9 is unfavorable.

CPI is a measure of cost efficiency on a project. It is the ratio of earned value (EV) to actual cost value (AC). A CPI equal to or greater than one indicates a cost under run and a value of less than one indicates a cost overrun. A value of less than 0.9 is unfavorable.

The following earning rules are established for each of the phase:

Cost Element Group	Planned Value (Primavera)	Earned Value (Primavera)	Actual Cost (SFMTA Cost Accounting (SAP))
Prelim. Engineering	Expenditure Plan Level of Effort (LOE)	Equals to Planned Value (LOE)	Time Keeping; Vendor Accruals and Invoices
Final Design	Expenditure Plan Level of Effort (LOE)	Equals to Planned Value (LOE)	Time Keeping; Vendor Accruals and Invoices
Procurement	Planned Delivery Date	Actual Delivery Date	Time Keeping; Vendor Accruals and Invoices
Real Estate	Expenditure Plan Level of Effort (LOE)	Equals to Planned Value (LOE)	Time Keeping; Vendor/ Material Accruals and Invoices
Construction	Schedule of Work	% Complete* x Budget at Completion (BAC)	Vendor Accruals and Invoices
Sub-Total	Performance Measurement Baseline (PMB)	Total Earned Value	Total Actual Cost
Below the Line	+ Contingency		
Total	Approved Budget		

6. FUNDING SUMMARY

The Funding Available Table below shows the total awarded funds to date vs. the total committed funds from the Project's seven funding sources.

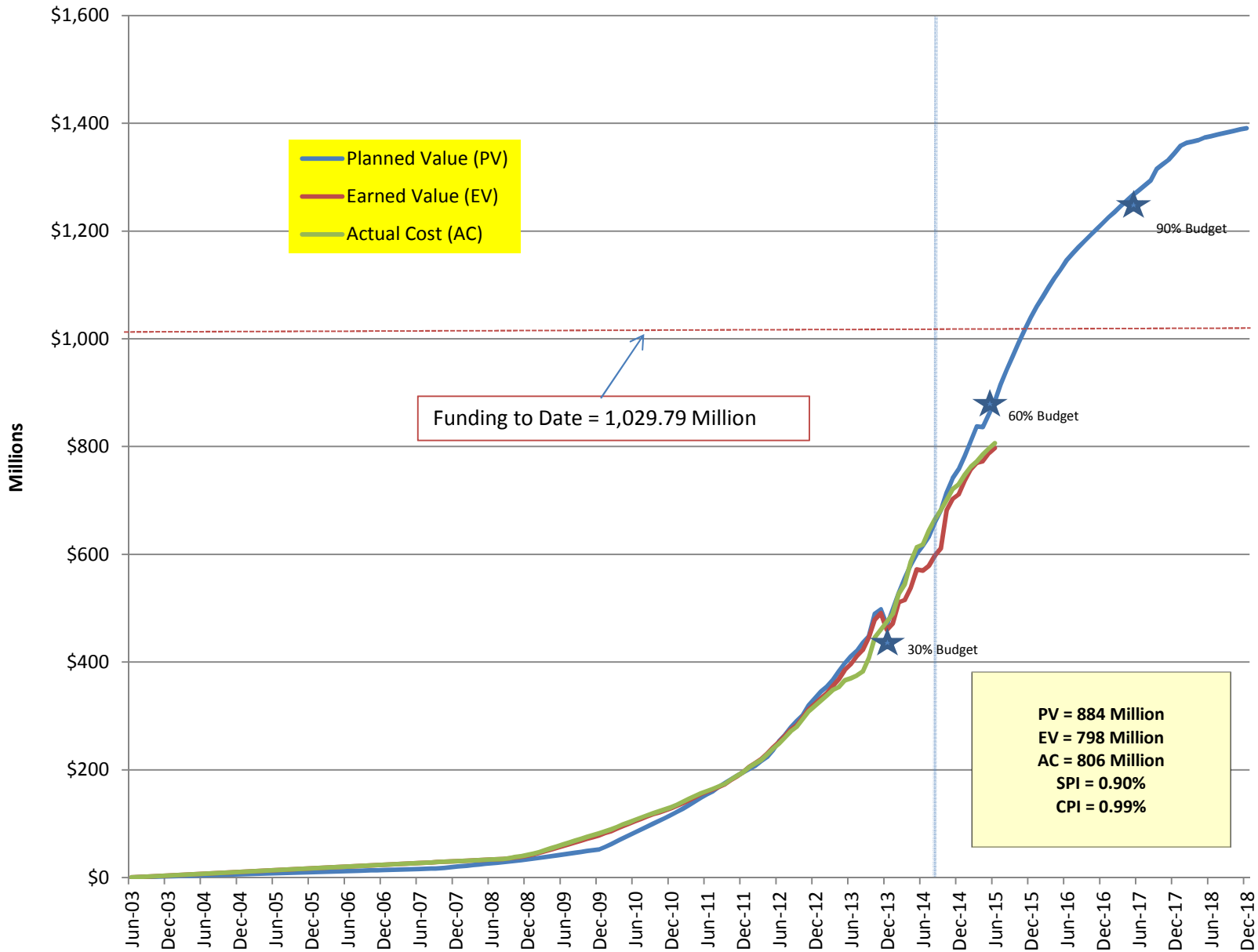
Funding Available Table		
	Funding	
	Committed Funding Sources	Total Awarded Funds to Date
Federal		
Sect. 5309-NS	\$942,200	\$469,196
CMAQ	\$41,025	\$41,025
Federal Subtotal	\$983,225	\$510,221
State		
TCRP	\$14,000	\$14,000
State RIP	\$88,000	\$12,498
Prop. 1B (I-Bond) PTIMSE	\$307,792	\$307,792
Prop. 1A (HSR-Bond)	\$61,308	\$61,308
State Subtotal	\$471,100	\$395,598
Local		
Prop. K	\$123,975	\$123,975
Local Subtotal	\$123,975	\$123,975
CPT 544 Total	\$1,578,300	\$1,029,794

7. LIST OF COST REPORTS

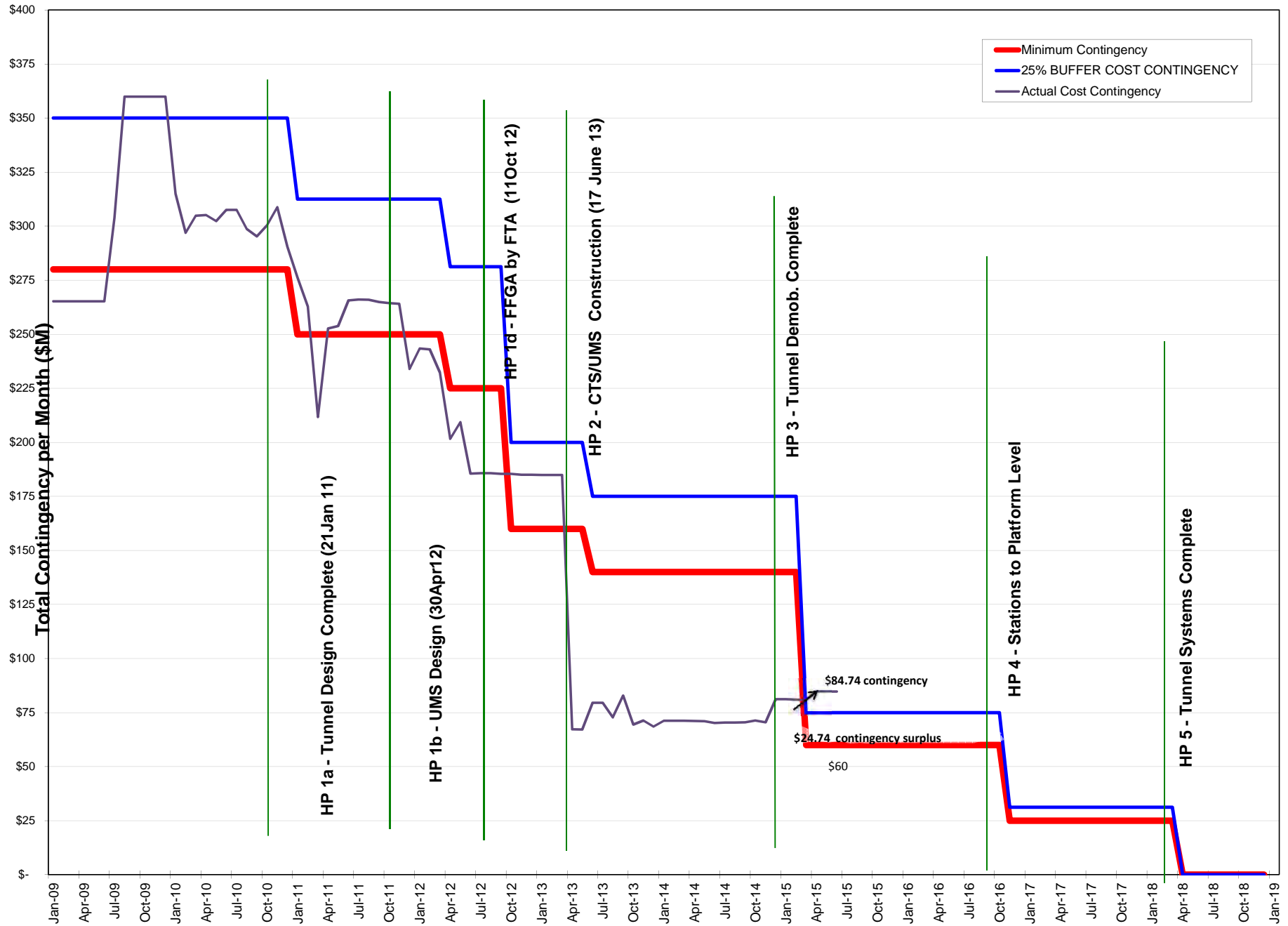
- 7.1 Program Project Budget
- 7.2 Earned Value Cash Flow
- 7.3 Contingency Drawdown Curve
- 7.4 Summary Contingency Management Trend Report
- 7.5 Detail Contingency Usage Report
- 7.6 Budget Revisions: Report sorted by Construction Packages & Soft Costs
- 7.7 Project Budget & Expenditure Report: Sorted by SCC Summary
- 7.8 Budget & Expenditure Report: Sorted by SCC Details
- 7.9 Detail Monthly Expenditure Report: grouped by Project Phase
- 7.10 Cost Report Notes

A. Central Subway Project						
Project	Name	Amount	PM	Funding Source	Reporting	Cost Report Notes
1	CPT544 Central Subway Project	\$1,578,300,000	J. Funghi	62% Fed, 30% State, 8% Local	yes	1
Total:		\$1,578,300,000				
B. Related SFMTA Capital Improvement Projects						
Project	Name	Amount	PM	Funding Source	Reporting	
2	CPT690 TBM Retrieval Shaft Relocation	\$9,700,000	Funghi/Magary	MTA Operating Funds	no	2
3	CPT718 Chinatown Metro Plaza	\$6,980,000	J. Funghi	Transbay Redevelopment	no	3
4	CPT665 Central Subway Project - Goodwill	\$2,367,750	K. Magary	I-Bond Interest	no	4
5	CPT705 MOH - Broadway/Sansome	\$8,000,000	K. Magary	MTA Operating Funds	no	5
Total:		\$27,047,750				
C. Central Subway Project - Project Offset Credits						
	From	Amount	Index	Notes	Reporting	
1	2009-2016 Utility Co. - Form B Reimbursement	\$12,227,954	--	Construction contracts	yes	6
2	2017-2019 PG&E - Power Feed Reimbursement	\$7,624,540	--	Not yet bill PG&E	yes	7
3	6/26/2013 BART Elevator	\$90,000	68CPT544135B	Not yet rec'd BART Funds	yes	8
4	11/6/2013 Tutor Perini - CAD Files	\$2,500	68CPT5441236	Deposit to Design Index	yes	9
5	1/27/2014 SFPUC - Sewer Main	\$2,925,296	68W251	Certified in Contract 1300	yes	10
6	9/27/2014 SFPUC - 24" Water Main	\$328,857	68CPT544135A	Contract 1252 CMod #41	yes	11
7	8/27/2014 SFMTA Traffic Effectiveness Project funded	\$694,651	--	Contract 1252 CMod #40	yes	12
8	3/27/2015 SFPUC - 24" Water Main Additional Work	\$112,102	68W409	Contract 1252 CMod #48	yes	13
Total:		\$24,005,900				

Earned Value Cash Flow Curve



Cost Contingency Drawdown



COST ELEMENT	CONTRACT COST					CONTINGENCY				BUDGET	VARIANCE	Cost Report Notes	
	ORIGINAL CONTRACT VALUE / September 2013 SUPPLEMENTAL BUDGET	APPROVED CHANGES	CURRENT CONTRACT VALUE	POTENTIAL CHANGES	ESTIMATE AT COMPLETION (EAC)	ORIGINAL CONTINGENCY / Sep 2013 SUPPLEMENTAL CONTINGENCY (Exclude CN 1250 & CN1251)	CONTINGENCY ADJUSTMENT TRANSFERS	REVISED AUTHORIZED CONTINGENCY (Exclude CN1250 & CN1251)	REMAINING CONTINGENCY AFTER APPROVED CHANGES DEDUCTED [h - b]	ORIGINAL CONTRACT VALUE + REVISED AUTHORIZED CONTINGENCY [a + h]	BUDGET - ESTIMATE AT COMPLETE [j - e]		
	a	b	c	d	e	f	g	h	i	j	k		
SCC 10-50 CONSTRUCTION CONTRACT PACKAGES													
1250	UTILITY RELOCATION PACKAGE #1	9,273,939	2,694,211	11,968,150		11,968,150	1,953,377	740,834	2,694,211		11,968,150		14
	Contract 1250 Department of Technology	166,756		166,756		166,756					166,756		
1251	UTILITY RELOCATION PACKAGE #2	16,832,550	3,962,032	20,794,582		20,794,582	5,367,297	(1,405,265)	3,962,032		20,794,582		15
	Contract 1251 Department of Technology	75,615		75,615		75,615					75,615		
1252	GUIDEWAY TUNNEL	233,584,015	1,421,807	235,005,822	(77,798)	234,928,024	23,658,464	(6,173,511)	17,484,953	16,063,145	251,068,968	16,140,943	16
1300	STATIONS	839,676,400	(1,432,743)	838,243,657	9,993,295	848,236,952	20,000,000		20,000,000	21,432,743	859,676,400	11,439,448	17
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	90,000	294,120,590	5,109,361	299,229,951	5,000,000		5,000,000	4,910,000	299,030,590	(199,361)	
	1254 CHINA TOWN STATION [CTS]	247,567,810	230,956	247,798,766	5,138,436	252,937,202	5,000,000		5,000,000	4,769,044	252,567,810	(369,392)	
	1255 YERBA BUENA/ MOSCONE STATION [YBMI]	158,089,000	(1,833,869)	156,255,131	2,814,400	159,069,531	5,000,000		5,000,000	6,833,869	163,089,000	4,019,469	
	1256 SURFACE TRACKWORK & SYSTEMS [STS]	139,989,000	80,170	140,069,170	(3,068,902)	137,000,268	5,000,000		5,000,000	4,919,830	144,989,000	7,988,732	
OTHER		31,233,501		31,233,501		31,233,501	1,160,000		1,160,000	1,160,000	32,393,501	1,160,000	20
	SCC 10 - 50 Construction Sub-total	1,130,842,776	6,645,307	1,137,488,083	9,915,497	1,147,403,580	44,818,464	(6,173,511)	38,644,953	38,655,888	1,176,143,971	28,740,392	
SCC 60 - 80 SOFT COSTS PACKAGES													
60	ROW, LAND, EXISTING IMPROVEMENTS	36,511,799	(4,265,478)	32,246,321		32,246,321	1,000,000	4,265,478	1,000,000	5,265,478	37,511,799	5,265,478	18
70	VEHICLES	24,108,712	(10,799,712)	13,309,000		13,309,000	2,276,941	10,799,712	13,076,653	13,076,653	26,385,653	13,076,653	19
80	PROFESSIONAL SERVICES	310,518,041		310,518,041		310,518,041	18,221,079		18,221,079	18,221,079	328,739,120	18,221,079	
	SCC 60 - 80 Construction Sub-total	371,138,552		356,073,362		356,073,362	21,498,020	15,065,190	32,297,732	36,563,210	392,636,572	36,563,210	
SCC 90	UNALLOCATED CONTINGENCY						3,845,945	6,173,511	10,019,456	9,519,456	9,519,456	9,519,456	20
TOTAL		1,501,981,328	6,645,307	1,493,561,445	9,915,497	1,503,476,942	70,162,429	15,065,190	80,962,141	84,738,554	1,578,299,999	74,823,058	
											Total Project Budget	1,578,300,000	21
											Estimate At Completion	1,503,476,942	22
											Variance	74,823,058	23

Note #15 - Adjusted Contract 1252 Guideway Tunnel contingency "column g" to reflect construction contract modifications #20, #40, #41 and \$48 were funded by other funding sources.

Contract Modification/Trend Log - Contract 1252 Tunnel

Awarded NTE Amount: \$233,584,015.00
Substantial Completion: 4/15/2015

Revised NTE Amount \$235,005,822.23
Revised Substantial Completion 4/15/2015

Contract Modifications			Amount	
No.	Description	COR/PCC No.	CMod	Contract NTE
1	Amendment of Insurance Requirements	n/a	\$0.00	\$233,584,015.00
2	Amendment of General Liability Insurance Requirements	n/a	(\$3,040,713.00)	\$230,543,302.00
3	Relocation of PG&E Ductbank & Removal/Reinstall TODCO Scaffolding	CORs 10 & 29	\$6,633.37	\$230,549,935.37
4	Investigate 48" Pipe at UMS S. Headwall	PCC 9	\$75,000.00	\$230,624,935.37
5	LB/MOS Oil Filled Pipe Abatement and MOS Asbestos Pipe Abatement	CORs 7, 22 & 27	\$23,912.54	\$230,648,847.91
6	Arch. Support at MOS Station N. Headwall	COR 12	\$16,892.96	\$230,665,740.87
7	Revisions to MOS N. Headwall Elevation	PCC 1	\$20,358.23	\$230,686,099.10
8	UMS Reduced Duration	COR 21	\$0.00	\$230,686,099.10
9	48" Pipe Investigation and Removal at the UMS Headwalls	PCC 11	\$150,000.00	\$230,836,099.10
10	PG&E Impacts to Launch Box and Flagger	CORs 6 & 41	\$8,618.96	\$230,844,718.06
11	Bart Annex Wall	PCC 7	\$15,500.00	\$230,860,218.06
12	LB - Concrete Manhole and Slurry Pipe Removal	COR 38	\$3,820.84	\$230,864,038.90
13	Retrieval Shaft - Pipe/Duct Bank Removal	CORs 31, 47, 50, 58, 66	\$9,908.04	\$230,873,946.94
14	MOS - 16"Pipe Removal @ N/S Headwalls	CORs 39, 44	\$4,551.99	\$230,878,498.93
15	MOS - S. Headwall Asbestos Pipe Abatement	COR 26	\$27,629.64	\$230,906,128.57
16	UMS Utility Removal/Construct Wall	CORs 46, 48, 68	\$21,150.28	\$230,927,278.85
17	MOS – 16" Steel Pipe Removal at N/S Headwalls/Enlarge Tie-In Hole	CORs 73, 76, 81	\$5,056.63	\$230,932,335.48
18	SFWD Support Work	PCC 13	\$20,000.00	\$230,952,335.48
19	Additional BART Instrumentation	PCC 6	\$307,860.75	\$231,260,196.23
20	Relocation of Retrieval Shaft	PCC 10	\$5,150.00	funded by CPT690
21	Columbus Ave. Restoration	NA	\$261,057.00	\$231,521,253.23
22	LB - Jet Grout Quantity Overrun	COR 070	\$599,900.00	\$232,121,153.23
23	Old Navy - Comp. Grout DSCs	COR 079	\$259,373.00	\$232,380,526.23
24	SFWD Excavation, Support and Backfilling	PCC 13	\$13,982.00	\$232,394,508.23
25	Cross Passage 5 - VECP	COR 087	(\$2,674.00)	\$232,391,834.23
26	Various CORs	CORs 9, 24, 37, 45, 51, 61, 71, 77, 83, 99	\$73,700.00	\$232,465,534.23

Contract Modification/Trend Log - Contract 1252 Tunnel

Awarded NTE Amount: \$233,584,015.00
Substantial Completion: 4/15/2015

Revised NTE Amount \$235,005,822.23
Revised Substantial Completion 4/15/2015

Contract Modifications			Amount	
No.	Description	COR/PCC No.	CMod	Contract NTE
27	MOS – Reroute traffic signal lines / Equipment Standby	CORs 11, 17	\$80,719.00	\$232,546,253.23
28	PCC 12 - Comp.Grout Mtls., Accel. at R. Shaft, Haz. Mtls @ R.Shaft, Obst. at CSM panel W6 (NTE Amount CMod)	FA COs 006, 007, 008, 009	\$81,937.00	\$232,628,190.23
29	AWSS Conflict with Water Line, AWSS Restraining at Launch Box, AT&T Vault Conflict with Sewer Main	COR 1, 2, 3	\$73,045.00	\$232,701,235.23
30	MOS Headwall End-stops	COR 018	\$144,000.00	\$232,845,235.23
31	Launch Box - Slurry Wall Obstructions	COR 32, 34, 42, 43, 62, 65, 67	\$234,438.00	\$233,079,673.23
32	COR 8 + Markup - Associated w/ COR 001, COR 002, and COR 003	COR 1, 2, 3, 8	\$168,000.00	\$233,247,673.23
33	LB - Pre-Excavation for Slurry Walls	COR 015	\$125,000.00	\$233,372,673.23
34	Modifications to Tunnel Alignment at Market Street - Initial Design Costs	PCC 012 Part 1	\$39,930.00	\$233,412,603.23
35	Deleted AWSS Work at Union St. and Columbus Ave.	PCC 015	(\$187,181.00)	\$233,225,422.23
36	Curb Ramp Work at NE Corner of 4th and Harrison Streets (Force Account)	FA CO 011	\$5,023.00	\$233,230,445.23
37	Staging Yard Hazardous Material	COR 30, 54, 75	\$401,933.00	\$233,632,378.23
38	Modifications to AWSS Facilities at 4th and Bryant Streets	PCC 014	\$35,925.00	\$233,668,303.23
39	MOS N. Headwall Impacts, LB – Jet Grout Overrun	COR 85, 70	\$240,333.00	\$233,908,636.23
40	Culvert, Street & Sidewalk Restoration in N.Beach (includes QC testing)	PCC 20	\$694,651.00	funded by TEP
41	Install Water Main in North Beach	PCC 20	\$328,860.00	funded by SFPUC
42	UMS - Shoring Impacts due to 48" ATT Pipe at SW Headwall	COR 069	\$29,463.00	\$233,938,099.23
43	UMS Tangent Pile SRB-H DSC, UMS Jet Grout Column No. 18 DSC	COR 096, COR 102	\$60,870.00	\$233,998,969.23
44	Subcontractor Substitution	NA	\$0.00	\$233,998,969.23
45	Modifications to Tunnel Alignment - Construction Costs	PCC 12	\$883,693.00	\$234,882,662.23
46	MOS 20" Conflict with 16" AWSS @ South Headwall	COR 082	\$28,160.00	\$234,910,822.23
47	CDF Encasement on 42" RCP	COR 005	\$95,000.00	\$235,005,822.23
48	North Beach Water Main Additional Work	PCC 20	\$112,102.20	funded by SFPUC
49	Contract Milestone Changes	NA	\$0.00	\$235,005,822.23

Contract Modification/Trend Log - Contract 1252 Tunnel

Awarded NTE Amount: \$233,584,015.00
Substantial Completion: 4/15/2015

Revised NTE Amount \$235,005,822.23
Revised Substantial Completion 4/15/2015

Contract Modifications			Amount	
No.	Description	COR/PCC No.	CMod	Contract NTE
Sub Total:			\$1,421,807.23	

Pending Contract Modifications		COR/PCC No.	Estimated	
	Description		Amount	Time
A	North Beach OCS Pole Foundations, Street Lighting	Cmod # TBD	-	0
B	North Beach Sewer Work	Cmod # TBD	-	0
I	Other Pending Contract Modifications	Cmod # TBD	(\$77,798.00)	
Sub Total:			(\$77,798.00)	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount \$839,676,400
Substantial Completion 2/10/2018

\$838,243,657
2/10/2018

	UMS	CTS	YBM	STS	COST REPORT NOTES
Potential Changes	\$5,109,361	\$5,138,436	\$2,814,400	(\$3,068,902)	24
Forecasted - Trends	\$2,856,751	\$4,794,569	\$928,050	\$46,703	
Negotiation					
CTS Sewer Line Demo at Washing		\$57,707			
DEL of duct bank on Stockton to Sac		(\$84,018)			
Grade 50 Steel inLieu ofA913 Grad70	\$595,197				
Modification to UMS Roof Composite	\$14,336				
STS-FACO #20 Add'l Soil Testing Req				\$5,000	
CTS-FACO #5 Unidentif 3" Metal Pipe		\$350			
CTS-FACO #4 Joint Trench Unid. Cond		\$25,000			
CTS-FACO #2 Connecting (E) Ductbank		\$10,000			
UMS BART Entry Hazmat Abatement	\$33,600				
CTS- AWSS Wk PGE relocation schedul		\$60,309			
Additional AT&T Manhole, Pullboxes,				\$225,208	
STS Traffic Signal and SL Changes				\$298,307	
PCC 16 STS-PG&E 6" Gas Alignment				\$72,010	
STS Comm and Elec Cabinets Relocati				\$67,221	
CTS-PCC#17 FH at Jade Galore		\$106,350			
CTS-Plaza Surface Level Struct Mods		\$15,701			
STS - OCS Pole Changes				\$12,706	
CTS-FACO#39- Soil Testing cmply OAB		\$5,000			
STS-FACO #37 30" Force Main Removal				\$60,000	
CTS-FACO #44 (E) Utl Cnflct w/ AWSS		\$25,211			
UMS FACO #31 NDSC Incomplete PGE DB	\$32,980				
STS-FACO #26 Fire Hyd NE 4th&Bryant				\$20,000	
CTS-FACO #27 AWSS vs PGE Vault #728		\$14,439			
UMS-FACO #25 OCS Pole@ Market/Ellis	\$2,000				
UMS-FACO #19 Street Light at Stock.	\$4,000				
UMS-FACO #50 UMS Parking Garage	\$20,000				
STS-FACO #48 Work Related St Lght				\$5,000	
STS-FACO #47 Sewer Related Work Pt2				\$33,898	
UMS FACO #34 Becho Obstruct J Piles	\$15,000				
UMS FACO #45 Blocked Stubs PG&E	\$7,500				
UMS FACO #38 Pile H3 & H4 Piles	\$15,000				
STS-FACO #41 Groundwater Lead Filtr				\$5,000	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **\$839,676,400**
Substantial Completion **2/10/2018**

\$838,243,657
2/10/2018

	UMS	CTS	YBM	STS	COST REPORT NOTES
UMS-FACO #30 NDSC Inadequate CDF	\$50,000				
STS Traction Power Cable Downsizing				(\$117)	
UMS Transfer Instru BART Facilities	\$30,000				
CTS-PCC40 Plaza Surface Slab Pntrtn		\$5,525			
UMS Sewer Line Conflict	\$168,718				
UMS MRY Duct Bank-East Conflict	\$10,000				
STS - PCC#28 Portal Dowels				(\$1,753)	
UMS DSC Mass of Conc Stocktn 137+15	\$7,500				
YBM COR 78 Change POC by SFWD			\$7,433		
UMS DSC Tanks in Stockton N of Gear	\$122,256				
STS Existing Fuel & Transite in MRY				\$10,000	
UMS - PCC #039 (12" WL Relocate)	\$225,468				
YBM NDSC transite pipe water instal			\$12,631		
Pipe Protection for in-slab piping	\$103,475				
YBM COR 63 Buried objects in P-86			\$24,648		
CTS-Delete Tree Planting		(\$3,967)			
YBM COR 36 Culvert NW corn Folsom			\$8,073		
YBM COR 44 Buried concrete wall			\$60,000		
YBM COR 45 Abandoned sewer not			\$6,128		
YBM COR 46 Add analytical tests			\$4,612		
YBM COR 49 Buried timber piles			\$81,253		
YBM COR 54 Concrete Obstruc 20" cut			\$55,720		
YBM COR 64 Buried sheet pile P-7			\$7,500		
YBM COR 71 Remove rigging straps			\$7,500		
YBM COR 72 CN1252 North Headwall			\$50,000		
YBM COR 86 Side sewer conflict AT&T			\$30,000		
STS 78 Sewer Existing Concrete Crow				\$7,200	
STS-COR #84 Sewer Cleaning and Dewa				\$48,500	
STS COR #89 Extra Sewer Work				\$8,090	
YBM PCC 55 Add 24-in water main			\$224,038		
STS COR #112 MRY MH 1890 TS Conduit				\$6,000	
STS COR #94 Unknown DB Conf 12" Wtr				\$20,000	
STS COR #93 12" Water Conf 12" Tee				\$5,000	
STS COR #91 PG&E Vault Conf 16" Wtr				\$20,000	
STS COR #118 78" Sewer Excess Debri				\$40,000	
Add PGE duct east side of Fourth			\$133,722		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **\$839,676,400**
Substantial Completion **2/10/2018**

\$838,243,657
2/10/2018

	UMS	CTS	YBM	STS	COST REPORT NOTES
STS COR 98 DSC MRY MH Conf w N CB				\$15,000	
STS COR 100 DSC Zayo PVC Conf w SW				\$10,000	
YBM COR 182 Cap (E) 16" AWSS Tee			\$14,868		
CTS-COR#201 Swr Line & Station Roof		\$55,000			
Proposed Contract Change (PCC)					
UMS - Geoprobe Credit	(\$30,320)				
UMS - Relocation of TS Cabinet	\$23,275				
STS - Tunnel Lowering				\$100,000	
CTS - PGE Scope Change at Exit Hatch		\$1,171			
CTS - Stairs 5, 6, 7 Mods		\$25,000			
STS - Additional AT&T DB at 4th				\$73,418	
UMS - Escalator Barricade	(\$122,511)				
UMS - Concrete Wale Support	\$25,930				
UMS - Union Sq. Garage Underpinning	\$100,000				
YBM_CTS End of Platform Gate Revisi			\$100,000		
CTS - CMU Wall Bracing		\$25,000			
YBM PCC 41 Install #7 Box Clementin			\$29,000		
UMS MRY Duct Bank-East Conflict	\$25,000				
UMS - N. Ent. Art Glass and Glazing	\$20,000				
CTS - Removal of Bus Bulb		\$30,000			
CTS Delete PGE Work at Vault 732		(\$50,000)			
UMS Install Floor Drain	\$20,000				
UMS Remove Fire Hose Valve	\$20,000				
UMS MRY Duct Bank-West	\$25,000				
YBM PCC 32 Delete Post-Grout of TB-2			(\$10,000)		
STS - Deletion of ARS (Revision 1)				(\$4,689,000)	
YBM OCS Pole Foundations			\$30,000		
UMS - Reroute DCW to above drop cei	\$30,000				
UMS Install Deluge Main	\$30,000				
STS Track Switch Machine Change				\$50,000	
Change Order Request (COR)					
UMS - Fire Hydrant at O'Farrell	\$92,978				
STS - Additn manholes for 78" sewer				\$27,204	
UMS DSC Existing Piles at 136+50	\$100,000				
STS COR 17 Changes to Sewer Structu				\$20,000	
UMS FACO #53 NDSC Transite Pipe	\$63,451				
UMS FACO #52 NDSC Transite Pipe	\$28,694				

Contract Modification/Trend Log - Contract 1300 Stations

7.5 DETAIL CONTINGENCY USAGE REPORT

Awarded NTE Amount
Substantial Completion

\$839,676,400
2/10/2018

\$838,243,657
2/10/2018

	UMS	CTS	YBM	STS	COST REPORT NOTES
UMS NDSC (e) 12 inch CI Pipe	\$1,124				
STS- AT&T Conduit Changes				\$22,290	
STS - 12" AWSS Incorrectly Shown				\$24,496	
STS COR 74 AWSS Offset/Sewer Demo				\$41,813	
STS COR #88 Modify CBs and Culverts				\$4,395	
STS COR #90 Extra Work Related to S				\$20,452	
YBM COR 50 Contaminated soil H Line			\$11,720		
YBM COR 75 Concrete Overpour P-34			\$335,809		
YBM COR 95 Removal of unknown USTs			\$156,733		
UMS COR 124 DSC Obst. at JG 64-S	\$1,700				
UMS COR 125 DSC Obst. at JG 34-S	\$1,700				
UMS COR 126 DSC Obst. at JG 34-S#2	\$2,000				
UMS COR 127 DSC Obst. at JG 3-P	\$1,500				
UMS COR 128 DSC Obst. at JG 3-P#2	\$20,000				
UMS COR 130 DSC Obst. at JG 3-P#3	\$1,700				
UMS COR 131 DSC Obst. at JG 45-P#2	\$7,100				
UMS COR 132 DSC Obst. at JG 45-P#3	\$22,900				
UMS COR 133 DSC Obst. at JG 60-S	\$1,700				
UMS COR 135 DSC Obst. at JG 85-P#2	\$6,500				
UMS COR 136 DSC Obst. at JG 085-P#1	\$1,500				
UMS COR 137 DSC Obst. at JG 6-S	\$2,700				
UMS COR 138 DSC Obst. at JG 85-P#3	\$19,150				
UMS COR 139 DSC Obst. at JG 73-P#1	\$1,100				
UMS COR 140 DSC Obst. at JG 73-P#2	\$2,750				
UMS COR 141 DSC Obst. at JG 6-S#2	\$4,600				
UMS COR 142 DSC Obst. at JG 47-P#1	\$650				
UMS COR 147 DSC Obst. at JG 47-P#2	\$30,000				
UMS COR 148 DSC Obst. at JG 56-S	\$1,500				
UMS COR 149 DSC Obst. at JG 6-S#3	\$2,500				
UMS COR 150 DSC Obst. at JG 79-P	\$3,750				
UMS COR 153 DSC Obstr. CG E-8-13	\$5,000				
UMS COR 154 DSC Obstr. CG E-8-20	\$2,500				
UMS COR 155 DSC Obst. at JG 79-P#2	\$1,750				
UMS COR 156 DSC Obst. at JG 87-P	\$2,000				
YBM COR 157 1-in Gas service break			\$30,000		
STS COR #92 PG&E Vault Conf 12 AWSS				\$79,173	
STS COR 101 Cleaning for non-78" SW				\$58,906	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **\$839,676,400**
Substantial Completion **2/10/2018**

\$838,243,657
2/10/2018

	UMS	CTS	YBM	STS	COST REPORT NOTES
YBM COR 115 C1250 unencased JT			\$150,000		
YBM COR 116 Archaeological Discover			\$100,000		
UMS - COR 134 Asbestos at Ellis Ent	\$45,636				
STS COR 145 DSC PVC Conduits Conf				\$5,000	
STS COR 146 DSC 8" WL in Conf w SW				\$5,000	
STS COR 164 DSC 8" AWSS Lat Conf 78				\$10,000	
STS - COR 181 DSC Poly Line Conf MR				\$10,000	
UMS COR 184 Slurry Fill Void	\$8,468				
UMS COR 191 DSC E PG&E Vault 582	\$1,849				
YBM COR 196 Work on Hold			\$1,578		
YBM COR 199 Utility Conflict			\$962		
UMS COR 202 DSC CG Grout Forever 21	\$20,000				
STS COR 210 WD pit size increase				\$24,417	
STS COR 211 SW conf AWSS 4th/Freelo				\$4,561	
UMS COR 212 Comp. Grout PSI Drop	\$45,000				
UMS COR 213 Comp. Grout PSI Drop	\$5,000				
UMS COR 215 Comp. Grout PSI Drop	\$5,000				
UMS COR 216 Comp. Grout PSI Drop	\$5,000				
CTS - COR 218 2" Cond conf w SW MH		\$5,000			
YBM COR 230 RFI 240 Response			\$31,474		
UMS COR 232 RFI 240 Response	\$10,141				
Change Order - Pending					
CTS Utility Conflict at WD Tie-In		\$15,089			
YBM COR 15 AWSS hydrant lateral			\$41,079		
YBM COR 16 Thick concrete street			\$4,785		
YBM COR 18 AWSS conflict with PG&E			\$14,093		
YBM COR 20 (E) conflicts with AWSS			\$12,506		
UMS-FACO #32 8" Waterline Conf NDSC	\$48,615				
YBM COR 25 WM conflict with AWSS			\$13,850		
YBM PCC 42 10-in culvert on Folsom			\$64,287		
YBM COR 10 PG&E conflict with AWSS			\$40,349		
Approved	\$90,000	\$230,956	(\$1,833,869)	\$80,170	
Contract Modification					
CMod #1 BART Elevator Option 1 @ Pow	\$90,000				
CMod #3 CTS Work Safely Ard Power Po		\$25,956			
CMod #5 YBM Deletion of Comp Groutin			(\$1,833,869)		
CMod #6 CTS Plaza Constr Supt Servi		\$75,000			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	\$839,676,400	\$838,243,657
Substantial Completion	2/10/2018	2/10/2018

	UMS	CTS	YBM	STS	COST REPORT NOTES
CMod#7 STS FACOs 016, 017 &COR 009				\$80,170	
CMod #4 CTS-Force Account Change Or		\$130,000			
Grand Total	\$5,199,361	\$5,369,392	\$980,531	(\$2,988,732)	

7.6 BUDGET REVISIONS: REPORT SORTED BY CONSTRUCTION PACKAGES & SOFT COSTS

Report Period: June 2015

Group by Contract & SCC	CATEGORY ITEM	May 2015			June 2015			BUDGET TRANSFERS [June 2015] vs. [May 2015]	Cost Report Notes
		May 2015 Base	May 2015 Allocated Contingency	May 2015 Base + Allocated Contingency (YOE)	June 2015 Base	June 2015 Allocated Contingency	June 2015 Base + Allocated Contingency (YOE)		
10-50	CONSTRUCTION CONTRACT PACKAGES	1,137,488,083	38,655,888	1,176,143,971	1,137,488,083	38,655,888	1,176,143,971	0	
1250	UTILITY RELOCATION PACKAGE #1	12,134,906		12,134,906	12,134,906		12,134,906	0	
	Contract 1250 Form B Credit	(2,275,419)		(2,275,419)	(2,275,419)		(2,275,419)	0	
1251	UTILITY RELOCATION PACKAGE #2	20,870,197		20,870,197	20,870,197		20,870,197	0	
	Contract 1251 Form B Credit	(7,618,412)		(7,618,412)	(7,618,412)		(7,618,412)	0	
1252	GUIDEWAY TUNNEL	235,005,822	16,063,145	251,068,968	235,005,822	16,063,145	251,068,968	0	25
	Contract 1252 Form B Credit	(254,050)		(254,050)	(254,050)		(254,050)	0	
1300	CN1300 STATIONS TOTAL	838,243,657	21,432,743	859,676,400	838,243,657	21,432,743	859,676,400	0	
1253: UMS	UNION SQUARE/MARKET STREET STATION [UMS]	294,120,590	4,910,000	299,030,590	294,120,590	4,910,000	299,030,590	0	
	UMS 1253 Form B Credit	(528,370)		(528,370)	(528,370)		(528,370)	0	
1254: CTS	CHINA TOWN STATION [CTS]	247,798,766	4,769,044	252,567,810	247,798,766	4,769,044	252,567,810	0	
	CTS 1254 Form B Credit	(451,703)		(451,703)	(451,703)		(451,703)	0	
1255: YBM	YERBA BUENA/ MOSCONE STATION [YBM]	156,255,131	6,833,869	163,089,000	156,255,131	6,833,869	163,089,000	0	
	YBM 1255 Form B Credit	(100,000)		(100,000)	(100,000)		(100,000)	0	
1256: STS	SURFACE TRACKWORK & SYSTEMS [STS]	140,069,170	4,919,830	144,989,000	140,069,170	4,919,830	144,989,000	0	
	STS 1256 SFPUC SEWER MAIN CREDIT	(2,925,296)		(2,925,296)	(2,925,296)		(2,925,296)	0	
	STS 1256 Form B Credit	(1,000,000)		(1,000,000)	(1,000,000)		(1,000,000)	0	
OTHER	OTHER CONSTRUCTION TOTAL	46,386,751	1,160,000	47,546,751	46,386,751	1,160,000	47,546,751	0	
40.06	PUBLIC ART PROGRAM	8,175,555	1,160,000	9,335,555	8,175,555	1,160,000	9,335,555	0	
40.02	MISC. CONSTR CONTRCT WK (TRACTION POWER FOR 1251)	258,202		258,202	258,202		258,202	0	
40.01	CONTRACT 1300 SOIL PROCESS	500,000	0	500,000	500,000	0	500,000	0	26
50.01	TEMPORARY LICENSE AGREEMENT (ATCS CENTRAL CONTROL)	487,972		487,972	487,972		487,972	0	
50.06	MTA FARE COLLECTION EQUIPMENT	5,400,000		5,400,000	5,400,000		5,400,000	0	
50.06	BART FARE COLLECTION EQUIPMENT	700,000		700,000	700,000		700,000	0	
40.02	JOB ORDER CONTRACTS (JOCS) - CONSTRUCTION	117,255		117,255	117,255		117,255	0	
40.08	AON RISK INSURANCE	18,088,750		18,088,750	18,088,750		18,088,750	0	

7.6 BUDGET REVISIONS: REPORT SORTED BY CONSTRUCTION PACKAGES & SOFT COSTS

Report Period: June 2015

Group by Contract & SCC	CATEGORY ITEM	May 2015			June 2015			BUDGET TRANSFERS [June 2015] vs. [May 2015]	Cost Report Notes
		May 2015 Base	May 2015 Allocated Contingency	May 2015 Base + Allocated Contingency (YOE)	June 2015 Base	June 2015 Allocated Contingency	June 2015 Base + Allocated Contingency (YOE)		
40.02 40.08	PUBLIC AGENCIES UTILITY COORDINATION	3,713,215		3,713,215	3,713,215		3,713,215	0	
40.02	DEPARTMENT OF PARKING AND TRAFFIC (DPT)	1,200,000		1,200,000	1,200,000		1,200,000	0	
50.03	UNION SQUARE/ MARKET STREET STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0	
50.03	UNION SQUARE/ MARKET STREET STATIONS PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0	
50.03	CHINATOWN STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0	
50.03	CHINATOWN STATION PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0	
50.03	YERBA BUENA/ MOSCONE STATION [YBM] POWER FEED	3,125,222		3,125,222	3,125,222		3,125,222	0	
50.03	YERBA BUENA/ MOSCONE STATION [YBM] PERMANENT POWER	(2,368,540)		(2,368,540)	(2,368,540)		(2,368,540)	0	
50.03	SURFACE STATION POWER FEED	11,839		11,839	11,839		11,839	0	
50.04	COMMUNICATION CONNECTION COSTS	5,757,629		5,757,629	5,757,629		5,757,629	0	
60	ROW, LAND, EXISTING IMPROVEMENTS	32,246,321	5,265,478	37,511,799	32,246,321	5,265,478	37,511,799	0	
60.01	PURCHASE OR LEASE OF REAL ESTATE	30,065,810	5,265,478	35,331,288	30,065,810	5,265,478	35,331,288	0	27
60.02	RELOCATION OF EXISTING HOUSEHOLDS	2,180,511		2,180,511	2,180,511		2,180,511	0	
70	VEHICLES	13,309,000	13,076,653	26,385,653	13,309,000	13,076,653	26,385,653	0	
70.01	LIGHT RAIL	13,309,000	13,076,653	26,385,653	13,309,000	13,076,653	26,385,653	0	28
70.07	SPARE PARTS								
80	PROFESSIONAL SERVICES	310,518,041	18,221,079	328,739,120	310,518,041	18,221,079	328,739,120	0	
80.01	PRELIMINARY ENGINEERING	46,202,674		46,202,674	46,202,674		46,202,674	0	
80.02	FINAL DESIGN	61,322,751		61,322,751	61,322,751		61,322,751	0	

7.6 BUDGET REVISIONS: REPORT SORTED BY CONSTRUCTION PACKAGES & SOFT COSTS

Report Period: June 2015

Group by Contract & SCC	CATEGORY ITEM	May 2015			June 2015			BUDGET TRANSFERS [June 2015] vs. [May 2015]	Cost Report Notes
		May 2015 Base	May 2015 Allocated Contingency	May 2015 Base + Allocated Contingency (YOE)	June 2015 Base	June 2015 Allocated Contingency	June 2015 Base + Allocated Contingency (YOE)		
80.03	PROJECT MANAGEMENT FOR DESIGN & CONSTRUCTION	89,042,634	13,905,845	102,948,479	89,021,634	13,905,845	102,927,479	-21,000	
80.04	CONSTRUCTION ADMINISTRATION & MANAGEMENT	91,016,791	2,956,812	93,973,603	91,037,791	2,956,812	93,994,603	21,000	
80.05	INSURANCES	6,800,000		6,800,000	6,800,000		6,800,000	0	
80.06	LEGAL: PERMITS. REVIEW FEES BY OTHER AGENCIES	8,258,184		8,258,184	8,258,184		8,258,184	0	
80.07	SURVEYS, TESTING, INVESTIGATION. INSPECTION	883,100		883,100	883,100		883,100	0	
80.08	START-UP	6,991,907	1,358,422	8,350,329	6,991,907	1,358,422	8,350,329	0	
	ALL SCC CATEGORIES 10 TO 80	1,493,561,445	75,219,098	1,568,780,543	1,493,561,445	75,219,098	1,568,780,543	0	
90	UNALLOCATED CONTINGENCIES			9,519,459			9,519,459		29
	TOTAL PROJECT COST 10 TO 100			1,578,300,002			1,578,300,002		
	TOTAL CONTINGENCY			84,738,557			84,738,557		
	CONTINGENCY MINIMUM			60,000,000			60,000,000		
	BELOW OR ABOVE MINIMUM			24,738,557			24,738,557		

COST STATUS BY CATEGORY	SCC CODES	BUDGET May 2015	BUDGET TRANSFERS	BUDGET June 2015	June 2015 CTD	June 2015 EAC
CONSTRUCTION	SCC 010 - 050	1,176,143,972	0	1,176,143,972	561,785,502	1,152,779,825.06
REAL ESTATE	SCC 060	37,511,799	0	37,511,799	29,900,722	32,246,321.00
VEHICLES	SCC 070	26,385,653	0	26,385,653	2,146,905	13,309,000.00
PRELIM ENGINEERING	SCC 080.01	46,202,674	0	46,202,674	46,202,675	46,202,674.00
FINAL DESIGN	SCC 080.02	61,318,331	0	61,318,331	61,199,308	61,322,751.12
PM FOR DESIGN & CONSTRUCTION	SCC 080.03 - 080.04	196,922,082	0	196,922,082	94,847,635	180,059,425.14
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,296,033	0	24,296,033	10,298,120	22,933,191.00
UNALLOC CONTINGENCY	SCC 090	9,519,456	0	9,519,456		
Grand Total		1,578,300,000	0	1,578,300,000	806,380,867	1,508,853,187

SCC DESCRIPTION	June 2015 BUDGET	June 2015 CTD
010 - GUIDEWAY & TRACK ELEMENTS	299,528,778	172,757,893
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	575,626,655	206,718,429
040 - SITEWORK & SPECIAL CONDITIONS	222,442,096	174,556,197
050 - SYSTEMS	90,774,397	7,752,984
060 - ROW, LAND, EXISTING IMPROVEMENTS	37,511,799	29,900,722
070 - VEHICLES (number)	26,385,653	2,146,905
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	328,739,120	212,547,738
000 - FORM B REIMBURSEMENTS	(12,227,954)	0
090 - UNALLOCATED CONTINGENCY	9,519,456	
Grand Total	1,578,300,000	806,380,867

SCC DESCRIPTION	June 2015 BUDGET	June 2015 CTD
010.06-Guideway: Underground cut & cover	70,654,862	61,778,447
010.07-Guideway: Underground tunnel	209,100,916	109,153,935
010.09-Track: Direct fixation	10,046,180	316,104
010.10-Track: Embedded	4,357,310	1,340,455
010.12-Track: Special (switches, turnouts)	5,369,510	168,952
020.01-At-grade station, stop, shelter, mall, terminal, platform	14,041,330	287,009
020.03-Underground station, stop, shelter, mall, terminal, platform	539,121,325	191,199,056
020.07-Elevators, escalators	22,464,000	15,232,364
040.01-Demolition, Clearing, Earthwork	9,815,654	8,600,786
040.02-Site Utilities, Utility Relocation	66,084,838	56,682,428
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	4,566,966	3,910,463
040.04-Environmental mitigation, e.g. wetlands, historic/archeologic, parks	600,000	62,588
040.05-Site structures including retaining walls, sound walls	2,706,431	2,706,431
040.06-Pedestrian / bike access and accommodation, landscaping	10,224,872	1,225,071
040.07-Automobile, bus, van accessways including roads, parking lots	7,200,862	4,078,425
040.08-Temporary Facilities and other indirect costs during construction	121,242,473	97,290,005
050.01-Train control and signals	30,623,972	3,081,247
050.02-Traffic signals and crossing protection	1,669,999	392,115
050.03-Traction power supply: substations	22,117,173	3,314,855
050.04-Traction power distribution: catenary and third rail	10,737,000	383,661
050.05-Communications	16,411,000	485,599
050.06-Fare collection system and equipment	6,498,253	10,016
050.07-Central Control	2,717,000	85,491
060.01-Purchase or lease of real estate	35,331,288	28,026,827
060.02-Relocation of existing households and businesses	2,180,511	1,873,895
070.01-Light Rail	26,385,653	2,146,905
080.01-Preliminary Engineering	46,202,674	46,202,675
080.02-Final Design	61,318,331	61,199,308
080.03-Project Management for Design and Construction	102,927,479	57,335,914
080.04-Construction Administration & Management	93,994,603	37,511,720

SCC DESCRIPTION	June 2015 BUDGET	June 2015 CTD
080.05-Professional Liability and other Non-Construction Insurance	6,800,000	6,340,196
080.06-Legal; Permits; Review Fees by other agencies, cities, etc.	8,262,604	3,912,941
080.07-Surveys, Testing, Investigation, Inspection	883,100	12,097
080.08-Start up	8,350,329	32,887
090.00-Unallocated Contingency	9,519,456	
00.01-FORM B REIMBURSEMENTS (No SCC Code)	(12,227,954)	0
Grand Total	1,578,300,000	806,380,867

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] June 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
TOTAL PRELIMINARY ENGINEERING	46,542,061	46,542,061	0	0	46,542,061	0	30
11 - SFMTA PROJECT MANAGEMENT	8,828,359	8,253,957	0	0	8,253,957	574,403	31
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	11,425,594	0	32
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	935,451	802,883	0	0	802,883	132,568	
21 - ARTS COMMISSION	1,500,570	1,500,570	0	0	1,500,570	1	33
22 - FIRE DEPARTMENT	33,825	33,825	0	0	33,825	0	
23 - CITY ATTORNEY'S OFFICE	1,234,754	1,234,754	0	0	1,234,754	0	
24 - RISK MANAGEMENT	0	0	0	0	0	0	
26 - PLANNING	99,604	99,604	0	0	99,604	0	
27 - DEPARTMENT OF PUBLIC HEALTH (DPH)	4,420	4,420	0	0	4,420	0	
29 - CITY AUDITOR	308,540	315,616	0	0	315,616	(7,076)	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	3,322,887	3,336,432	0	0	3,336,432	(13,545)	
34 - DPW - IDC CONSTRUCTION (CAPTITAL)	17,462	17,462	0	0	17,462	0	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	76,549	76,549	0	0	76,549	0	
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	13,993	13,993	0	0	13,993	0	
51 - 821 HOWARD STREET	1,005,653	1,005,653	0	0	1,005,653	0	
55 - 651 BRANNAN	2,294,910	2,294,910	0	0	2,294,910	0	34
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	26,793,234	26,793,234	0	0	26,793,234	0	35
66 - ANIL VERMA	395,204	395,204	0	0	395,204	0	36
67 - HILL INTERNATIONAL CONTRACT 156	6,716,294	6,716,294	0	0	6,716,294	0	
68 - ARTHUR GALLAGER & CO. CS 164	6,800,000	6,340,196	0	0	6,340,196	459,804	
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	5,469,336	5,469,336	0	0	5,469,336	0	37
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	26,220,609	0	38
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	0	11,432,312	(0)	39
331 - BAY AREA RAPID TRANSIT (BART)	146,427	146,427	0	0	146,427	0	
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)	0	0	0	0	0	0	
TOTAL FINAL DESIGN	115,075,987	113,929,833	0	0	113,929,833	1,146,155	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] June 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
11 - SFMTA PROJECT MANAGEMENT	15,589,933	4,397,247	339,964	216,764	4,614,011	0	
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	15,589,933	4,397,247	339,964	216,764	4,614,011		
12 - SFMTA ENGINEERING SERVICES	905,264	1,478,263	122,886	91,343	1,569,606	353,976	
1.3.012.02.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1252	123,582	57,648	323	0	57,648	65,934	
1.3.012.06.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1300	1,800,000	1,420,615	122,563	91,343	1,511,958	288,042	
13 - SFMTA CONSTRUCTION MANAGEMENT	44,075,375	7,243,188	465,363	299,407	7,542,595	35,514,462	
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	43,057,057	7,243,188	465,363	299,407	7,542,595	35,514,462	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,588,074	1,212,443	32,971	87,177	1,299,620	2,298,212	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	55,377	212	870	56,247	243,353	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	26,868	11,088	5,287	32,155	242,745	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	64,852	1,880	8,492	73,344	165,056	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	40,476	12,400	21,118	61,594	815,282	
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B84]	0	1,464	0	0	1,464	(1,464)	
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B86]	0	136,984	5,031	50,926	187,910	(187,910)	
1.3.016.06.040.02 - DPT:DPT TRAFFIC SHOP CONTRACT 1300	1,200,000	0	0	0	0	1,200,000	
1.3.016.07.080.04 - DPT:SSD DS/CN: 1UTL	38,450	0	0	0	0	38,450	
1.3.016.08.040.08 - DPT:PCOS:2UTL [68A]	400,728	400,728	0	0	400,728	0	
1.3.016.08.040.08 - DPT:SSD CN:2UTL	0	108,020	0	0	108,020	(108,020)	
1.3.016.08.080.04 - DPT:SSD [1326]	259,120	253,184	0	0	253,184	5,936	
1.3.016.08.080.04 - DPT:SSD [13BN]	0	23,302	0	0	23,302	(23,302)	
1.3.016.08.080.04 - DPT:SSD [13CN]	0	963	0	0	963	(963)	
1.3.016.08.080.04 - DPT:SSD [B85]	0	90,465	2,358	483	90,949	(90,949)	
1.3.016.09.040.08 - PCOS:1300/STS [68CPT544132Z.CPT544132Z]	0	9,759	0	0	9,759	(9,759)	
17 - MOTIVE POWER	2,195	0	0	0	0	2,195	
1.3.017.07.040.02 - PWR:SFMTA-MOTIVE POWER-UTL.REL	2,195	0	0	0	0	2,195	
18 - SFMTA OPERATIONS	400,000	37,852	0	0	37,852	288,616	
1.3.018.04.040.02 - OPS:SUPPORT TO CONTRACT 1300/CTS	100,000	26,469	0	0	26,469	73,531	
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300/UMS	300,000	11,384	0	0	11,384	288,616	
19 - OTHER SFMTA	700,000	159,749	6,723	0	159,749	540,251	
1.3.019.01.080.07 - OTH.MTA SURVEY AND TESTING	500,000	0	0	0	0	500,000	
1.3.019.07.080.07 - OTH.MTA SFMTA-SURVEY; TSTG [6840]	0	714	0	0	714	(714)	
1.3.019.08.040.08 - OTH.MTA 1251 MATERIALS	150,000	126,149	0	0	126,149	23,851	
1.3.019.08.080.08 - OTH.MTA OPERATION SUPPORT DUR	50,000	32,887	6,723	0	32,887	17,113	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] June 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
21 - ARTS COMMISSION	12,010,885	1,200,799	149,221	35,539	1,236,339	10,774,546	
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION COSTS	4,772,555	0	0	0	0	4,772,555	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [1227]	2,030,147	388,167	0	0	388,167	1,641,980	40
1.3.021.01.080.04 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT5441227]	21,000	9,505	0	0	9,505	11,496	
1.3.021.01.080.04 - ARTS:CTYCO-ARTS COMMISSION PM [285MCPFUNA.CPT5441234]	0	0	0	133	133	(133)	
1.3.021.06.080.03 - ARTS:CTYCO-ARTS COMMISSION PM [285MC.132J]	158,970	82,579	19,956	10,597	93,176	65,794	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT5441327.CPT5441327]	1,500,000	624,400	108,300	0	624,400	875,600	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT5441327]	1,903,000	96,149	20,964	24,809	120,958	1,782,042	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [132J]	465,213	0	0	0	0	465,213	
1.3.021.97.040.06 - ARTS:ARTS COMMISSION ALLOC CO	1,160,000	0			0	1,160,000	
23 - CITY ATTORNEY'S OFFICE	2,171,781	902,824	0	0	902,824	1,268,957	
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	902,824	0	0	902,824	1,268,957	
25 - PUBLIC UTILITIES COMMISSION SEWER	(2,925,296)	0	0	0	0	(2,925,296)	
1.3.025.09.040.02 - STS.1256: SITE UTILITIES SFPUC SEWER MAIN	(2,925,296)					(2,925,296)	
26 - PLANNING	137,062	15,516	0	0	15,516	121,546	
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	15,516	0	0	15,516	121,546	
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	2,020,593	40,562	19,402	2,039,995	2,202,017	
1.3.028.02.040.02 - CM:CTYCO-PUBLIC UTIL COMM. (PUC)	0	4,745	0	0	4,745	(4,745)	
1.3.028.02.040.08 - PUC: FIELD OPERATIONS TUNNEL	398,400	535,974	32,488	1,002	536,976	(138,576)	
1.3.028.02.080.04 - PUC:MTA CSP CN1252 [470465]	105,000	91,587	0	0	91,587	13,413	
1.3.028.03.040.02 - PUC:CDD CONTRACT 1300/UMS SUPPORT	606,354	35,288	239	25	35,313	571,041	
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	30,363	0	0	30,363	199,637	
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	81,846	0	3,824	85,670	186,085	
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	6,956	0	0	6,956	108,044	
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPORT	450,282	74,126	4,262	10,410	84,536	365,746	
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	4,008	0	0	4,008	179,992	
1.3.028.07.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1250	248,035	291,501	0	0	291,501	(43,466)	
1.3.028.07.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1250	74,468	113,844	0	0	113,844	(39,376)	
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [445]	565,389	318,130	0	0	318,130	247,259	
1.3.028.08.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1251	266,252	289,424	0	0	289,424	(23,172)	
1.3.028.09.040.02 - PUC:CMB CONTRACT 1300/STS SUPPORT	520,077	78,065	3,573	4,141	82,207	437,871	
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTION	207,000	64,737	0	0	64,737	142,263	

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32 - DPW - IDC ENGINEERING (HYDRAULIC)	1,150,459	108,800	21,437	9,058	117,858	867,248	
1.3.032.01.080.04 - CM:DPW:1424J-BUREAU OF ENGINEERING (BOE) [AB12]	60,000	90,881	3,518	1,937	92,818	(32,818)	
1.3.032.03.080.04 - DPW IDC HYDRAULIC CN1300 UMS SUPPORT	297,938	1,011	1,011	0	1,011	296,927	
1.3.032.04.080.04 - DPW IDC HYDRAULIC CN1300 CTS SUPPORT	295,639	3,634	3,634	1,555	5,188	290,451	
1.3.032.05.080.04 - DPW IDC HYDRAULIC CN1300 YBM SUPPORT	301,882	1,310	1,310	2,883	4,193	297,689	
1.3.032.06.080.04 - DPW: BOE: 1300 DSDC	6,000	0	0	0	0	6,000	
1.3.032.08.080.04 - DPW.HYRDDPW-BOE IDC ENG SVC DC	9,000	0	0	0	0	9,000	
1.3.032.09.080.04 - DPW IDC HYDRAULIC CN1300 STS SUPPOR	180,000	11,964	11,964	2,683	14,647	165,353	
34 - DPW - IDC CONSTRUCTION (CAPITAL)	6,695,348	3,956,271	102,968	61,465	4,017,736	2,677,612	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [CD12]	730,000	955,005	102,968	61,465	1,016,470	(286,470)	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [13AC12]	206,000	138,397	0	0	138,397	67,603	
1.3.034.01.080.04 - DPW:BCM LABOR [2113]	2,140,142	2,140,142	0	0	2,140,142	0	
1.3.034.06.080.04 - DPW:CONSTR:1300 CM [13CP12]	3,619,206	722,726	0	0	722,726	2,896,480	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	465,562	110,294	16,191	0	110,294	436,268	
1.3.036.01.080.04 - DPW:MPPG:DPW-BUREAU OF ST USE	417,129	32,680	0	0	32,680	384,449	
1.3.036.02.080.04 - DPW:MPPG:1300-DPW-BUREAU OF ST USE	0	33,084	0	0	33,084	(33,084)	
1.3.036.02.080.06 - DPW:MPPG:DPW-BUREAU OF ST USE	90,000	44,530	16,191	0	44,530	45,470	
1.3.036.06.080.06 - DPW:MPPG:BSM PERMIT REVIEW	39,433	0	0	0	0	39,433	
37 - DPW - PCS MATERIAL TESTING LABORATORY	83,100	0	0	0	0	83,100	
1.3.037.01.080.07 - DPW.MTL.LABDPW-MATERIAL TESTIN	83,100	0	0	0	0	83,100	
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	622,474	924,371	0	662	925,033	(302,559)	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [132112]	8,621	506,858	0	0	506,858	(498,237)	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2213]	92,459	92,459	0	0	92,459	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2250]	78,400	78,400	0	0	78,400	0	
1.3.039.01.080.04 -DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2257]	151,515	151,515	0	0	151,515	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2313]	83,100	24,343	0	0	24,343	58,757	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CE13]	31,367	31,367	0	0	31,367	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CH13]	100,000	8,621	0	0	8,621	91,379	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR)	17,000	0	0	0	0	17,000	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1252 [13CE11]	18,632	16,218	0	662	16,880	1,753	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1300 [13CH11]	41,379	14,590	0	0	14,590	26,789	
46 - MACY'S WEST - SFPUC SEWER WORK	258,202	258,202	0	0	258,202	0	
1.3.046.08.040.02 - MCY.SWRC. CONTRACT: MACY'S-SEW	258,202	258,202	0	0	258,202	0	

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51 - 821 HOWARD STREET	4,690,481	399,848	14,968	845	400,693	4,289,788	
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	4,625,481	394,441	13,907	481	394,922	4,230,559	
1.3.051.02.080.04 - ODC.HWRD:ODCs - TUNNEL CONTRACT 1252	10,000	1,056	0	0	1,056	8,944	
1.3.051.06.080.04 - ODC.HWRD:ODCs - STATION CONTRACT 1300	55,000	4,352	1,062	363	4,715	50,285	
55 - 651 BRANNAN	0	10,348	0	0	10,348	(10,348)	
1.3.055.01.080.03 - CM:ODCs - 651 BRANNAN STREET	0	10,348	0	0	10,348	(10,348)	41
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	42,373,401	21,773,047	143,131	190,838	21,963,885	20,409,516	
1.3.063.01.080.03 - CM:PM:AECOM.CS149 OM-EPC JV CS149-PM	9,507,939	6,132,259	(421,283)	(430,604)	5,701,655	3,806,284	42
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3B]	5,218,630	3,640,896	(631,924)	(645,906)	2,994,990	2,223,640	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3E]	7,000,000	5,710,020	1,146,787	1,067,124	6,777,144	222,856	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9B]	11,042	11,042	0	0	11,042	0	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9D]	550,000	515,694	0	0	515,694	34,306	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9E]	600,000	183,192	49,551	200,223	383,415	216,585	
1.3.063.01.080.04 - FD:CM:EPC JV CS49-PM [123A]	5,579,945	5,579,945	0	0	5,579,945	0	
1.3.063.97.080.03 - AECOM.CS149 ALLOCAT CONTING	13,905,845					13,905,845	
67 - HILL INTERNATIONAL CONTRACT 156	11,000,000	1,079,285	98,309	69,614	1,148,899	8,978,361	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1337]	10,000,000	952,024	48,935	69,614	1,021,639	8,978,361	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. [1330]	1,000,000	127,261	49,374	0	127,261	872,739	
69 - BAYLAND SOIL PROCESS CONTRACT 175	500,000	95,001	0	0	95,001	404,999	43
1.3.069.06.040.01 - BAYLAND.CS175:BAYLAND SOIL PROCESS [133K]	500,000	95,001	0	0	95,001		
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	1,358,950	1,899,467	2,117	1,180	1,900,647	(541,697)	
1.3.071.01.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1232]	0	(87,201)	0	0	(87,201)	87,201	44
1.3.071.02.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1332]	1,358,950	1,986,669	2,117	1,180	1,987,849	(628,899)	
72 - STATIONS - CONTRACT # CONTRACT 155-2	8,752,240	2,726,269	241,061	188,805	2,915,074	5,837,166	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	50,000	51,351	0	0	51,351	(1,351)	45
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	8,702,240	2,674,918	241,061	188,805	2,863,723	5,838,517	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	4,828,269	881,332	65,130	55,026	936,359	3,891,910	
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING CM [1236]	90,000	89,791	0	0	89,791	209	
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING CM [1334]	4,738,269	791,542	65,130	55,026	846,568	3,891,701	
81 - UTILITIES RELOCATION #1 (PORTAL & MOS) - CONTRACT 1250	11,968,150	11,968,150	0	0	11,968,150	0	
1.3.081.07.040.01 - UR1.CONTRACT 1250:SITWORK: DEMOLIT	167,458	167,458	0	0	167,458	0	
1.3.081.07.040.02 - UR1.CONTRACT 1250:SITWORK: UTILITI	10,099,341	10,099,341	0	0	10,099,341	0	
1.3.081.07.040.03 - UR1.CONTRACT 1250:SITWORK:HAZMAT	453,321	453,321	0	0	453,321	0	
1.3.081.07.040.08 - UR1.CONTRACT 1250:SITWORK:TEMPORAR	1,248,030	1,248,030	0	0	1,248,030	0	

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82 - UTILITIES RELOCATION #2 (UMS) - CONTRACT 1251	20,794,582	20,794,582	0	0	20,794,582	0	46
1.3.082.08.040.01 - UR2.CONTRACT 1251:SITWORK:DEMOLIT	752,240	752,240	0	0	752,240	0	
1.3.082.08.040.02 - UR2.CONTRACT 1251:SITWORK:UTILITI	10,328,044	10,328,044	0	0	10,328,044	0	
1.3.082.08.040.03 - UR2.CONTRACT 1251:SITWORK:HAZMAT	172,712	172,712	0	0	172,712	0	
1.3.082.08.040.05 - UR2.CONTRACT 1251:SITWORK:STRUCTU	2,706,431	2,706,431	0	0	2,706,431	0	
1.3.082.08.040.06 - UR2.CONTRACT 1251:SITWORK:PEDESTRA	319,317	319,317	0	0	319,317	0	
1.3.082.08.040.07 - UR2.CONTRACT 1251:SITWORK:AUTO/BUS	190,362	190,362	0	0	190,362	0	
1.3.082.08.040.08 - UR2.CONTRACT 1251:SITWORK:TEMP FAC	6,325,476	6,325,476	0	0	6,325,476	0	
GUIDEWAY TUNNELS TOTAL	251,068,968	234,294,977	563,714	321,127	234,616,104	16,452,864	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	232,367,971	563,714	321,127	232,689,098	894,917	
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGRN'D CUT	60,446,425	61,357,878	50,000	20,000	61,377,878	(931,453)	
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGROUND	105,423,090	104,897,157	107,032	200,000	105,097,157	325,933	
1.3.083.02.020.03 - CONTRACT 1252: STATIONS: UNDERGROUND	21,685,000	21,685,000	0	0	21,685,000	0	
1.3.083.02.040.01 - CONTRACT 1252:SITWORK:DEMO CLEARING	2,440,000	2,440,000	7,000	0	2,440,000	0	
1.3.083.02.040.02 - CONTRACT 1252:SITWORK:UTILITIES & RE	10,895,000	9,986,549	135,000	101,127	10,087,676	807,324	
1.3.083.02.040.03 - CONTRACT 1252:SITWORK:HAZMAT&MITIGAT	200,000	0	0	0	0	200,000	
1.3.083.02.040.04 - CONTRACT 1252:SITWORK:ENVIRON. MITIG	300,000	54,292	0	0	54,292	245,708	
1.3.083.02.040.06 - CONTRACT 1252:SITWORK:PED/BIKE ACCES	50,000	50,000	0	0	50,000	0	
1.3.083.02.040.07 - CONTRACT 1252:SITWORK:AUTO/BUS ACCES	1,345,000	1,345,000	36,500	0	1,345,000	0	
1.3.083.02.040.08 - CONTRACT 1252:SITWORK:TEMP FACILITIE	30,799,500	30,552,095	228,182	0	30,552,095	247,405	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs	1,326,807	1,927,006	0	0	1,927,006	(505,199)	
1.3.083.83.010.06 - CONTRACT 1252: CONTRACT MOD	81,937	81,937	0	0	81,937	0	
1.3.083.83.010.07 - CONTRACT 1252: CONTRACT MOD	1,180,322	1,280,322	0	0	1,280,322	(100,000)	
1.3.083.83.020.03 - CONTRACT 1252: CONTRACT MOD	965,121	1,077,223	0	0	1,077,223	(112,102)	
1.3.083.83.040.02 - CONTRACT 1252: CONTRACT MOD	1,665,207	1,665,208	0	0	1,665,208	(1)	
1.3.083.83.040.03 - CONTRACT 1252: CONTRACT MOD	401,933	401,933	0	0	401,933	0	
1.3.083.83.040.08 - CONTRACT 1252: CONTRACT MOD	(2,872,713)	(2,579,617)	0	0	(2,579,617)	(293,096)	
1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CONTING	16,063,146	0	0	0	0	16,063,146	47
CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL	859,676,400	260,959,954	8,748,647	8,237,998	269,197,952	590,478,448	
84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAGE 1253	294,030,590	113,123,029	3,606,183	5,085,312	118,208,341	175,822,249	17
1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	244,470,715	79,987,801	1,400,000	2,910,000	82,897,801	161,572,914	
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,874,000	7,731,687	600,000	1,000,000	8,731,687	1,142,313	
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	4,500,000	3,744,819	300,000	75,312	3,820,131	679,869	

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1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	4,141,998	3,658,341	200,000	100,000	3,758,341	383,657	
1.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS	300,000	7,024	0	0	7,024	292,976	
1.3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA	50,000	1,171	0	0	1,171	48,829	
1.3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE	422,000	107,539	0	0	107,539	314,461	
1.3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE	1,592,000	1,177,907	0	0	1,177,907	414,093	
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	24,575,001	16,561,808	1,106,183	1,000,000	17,561,808	7,013,193	
1.3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND	284,999	55,501	0	0	55,501	229,498	
1.3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL	1,520,000	35,586	0	0	35,586	1,484,414	
1.3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR	228,000	5,338	0	0	5,338	222,662	
1.3.084.03.050.05 - UMS.1253: COMMUNICATIONS	1,832,000	42,891	0	0	42,891	1,789,109	
1.3.084.03.050.06 - UMS.1253: FARE COLLECTION SYST	239,877	5,616	0	0	5,616	234,261	
84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODs	90,000	90,000	0	0	90,000	0	
1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALATORS	90,000	90,000	0	0	90,000	0	
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING	4,910,000	0	0	0	0	4,910,000	48
85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254	247,567,810	59,836,975	2,464,286	290,166	60,127,141	187,440,669	17
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUN	72,593,358	2,343,936	(335,714)	0	2,343,936	70,249,422	
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	136,832,027	40,509,987	1,400,000	290,166	40,800,153	96,031,874	
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,900,000	1,768,627	700,000	0	1,768,627	5,131,373	
1.3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING	500,000	500,000	0	0	500,000	0	
1.3.085.04.040.02 - CTS.1254: SITE UTILITIES UTIL	4,424,001	3,765,064	100,000	0	3,765,064	658,937	
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	427,000	438,985	0	0	438,985	(11,985)	
1.3.085.04.040.04 - CTS.1254: ENVIRONMENTAL MITIGA	100,000	2,996	0	0	2,996	97,004	
1.3.085.04.040.06 - CTS.1254: PEDESTRIAN/BIKE	80,000	2,397	0	0	2,397	77,603	
1.3.085.04.040.07 - CTS.1254: AUTOMOBILE BUS ACCE	278,500	8,344	0	0	8,344	270,156	
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	18,068,000	9,981,078	600,000	0	9,981,078	8,086,922	
1.3.085.04.050.02 - CTS.1254: TRAFFIC SIGNALS AND	304,000	304,000	0	0	304,000	0	
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,275,000	128,088	0	0	128,088	4,146,912	
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTR	142,000	4,255	0	0	4,255	137,745	
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	2,564,000	76,823	0	0	76,823	2,487,177	
1.3.085.04.050.06 - CTS.1254: FARE COLLECTION SYST	79,924	2,395	0	0	2,395	77,529	
85 - CHINATOWN STATION (CTS) CMODs	230,956	25,956	0	0	25,956	205,000	
1.3.085.85.020.03 - CMOD:CTS.1254: UNDERGROUND STATION	75,000	0	0	0	0	75,000	
1.3.085.85.040.01 - CMOD:CTS.1254: POWER POLE	155,956	25,956	0	0	25,956	130,000	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] June 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthlv	[E] CURRENT Monthlv	[F] CURRENT Total		
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	4,769,044	0	0	0	0	4,769,044	49
86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255	158,089,000	65,800,000	2,118,684	2,249,380	68,049,380	90,039,620	17
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	118,380,549	42,732,586	1,400,000	2,000,000	44,732,586	73,647,963	
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,600,000	4,492,670	218,684	149,380	4,642,050	957,950	
1.3.086.05.040.01 - YBM.1255: DEMOLITION CLEARING	800,000	800,000	0	0	800,000	0	
1.3.086.05.040.02 - YBM.1255: SITE UTILITIES UTIL	6,799,999	6,571,080	300,000	100,000	6,671,080	128,919	
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,512,000	2,433,341	0	0	2,433,341	78,659	
1.3.086.05.040.04 - YBM.1255: ENVIRONMENTAL MITIGA	100,000	2,556	0	0	2,556	97,444	
1.3.086.05.040.06 - YBM.1255: PEDESTRIAN/BIKE	18,000	460	0	0	460	17,540	
1.3.086.05.040.07 - YBM.1255: AUTOMOBILE BUS ACCE	1,595,000	441,740	200,000	0	441,740	1,153,260	
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,865,000	8,161,522	0	0	8,161,522	7,703,478	
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	237,000	6,057	0	0	6,057	230,943	
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,895,000	99,550	0	0	99,550	3,795,450	
1.3.086.05.050.04 - YBM.1255: TRACTION POWER DISTR	148,000	3,783	0	0	3,783	144,217	
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	2,060,000	52,650	0	0	52,650	2,007,350	
1.3.086.05.050.06 - YBM.1255: FARE COLLECTION SYST	78,452	2,005	0	0	2,005	76,447	
86 - YERBA BUENA MOSCONE STATION (YBM) CMODs	(1,833,869)	0	0	0	0	(1,833,869)	
1.3.086.86.040.08 - CMOD:YBM.1255: TEMPORARY FACILITIES	(1,833,869)	0	0	0	0	(1,833,869)	
1.3.086.96.020.03 - YBM.1255: AC: ALLOC CONTING	6,833,869	0	0	0	0	6,833,869	50
87 - SURFACE TRACKWORK AND SYSTEMS -WORK PACKAGE 1256	139,989,000	22,083,994	559,494	613,140	22,697,134	117,291,866	
1.3.087.09.010.06 - STS.1256: GUIDEWAY: UNDERGROUN	10,126,500	318,632	0	0	318,632	9,807,868	
1.3.087.09.010.07 - STS.1256: GUIDEWAY: UNDERGROUN	13,746,000	432,520	0	0	432,520	13,313,480	
1.3.087.09.010.09 - STS.1256: TRACK: DIRECT FIX	10,046,180	316,104	0	0	316,104	9,730,076	
1.3.087.09.010.10 - STS.1256: TRACK: EMBEDDED	4,357,310	1,248,501	100,000	91,954	1,340,455	3,016,855	
1.3.087.09.010.12 - STS.1256: TRACK: SPECIAL	5,369,510	168,952	0	0	168,952	5,200,558	
1.3.087.09.020.01 - STS.1256: AT-GRADE STATION	9,121,500	287,009	0	0	287,009	8,834,491	
1.3.087.09.020.03 - STS.1256: UNDERGROUND STATION	200,000	6,293	0	0	6,293	193,707	
1.3.087.09.040.02 - STS.1256: SITE UTILITIES, UTILITY RELOCA	16,412,000	8,920,903	100,000	200,000	9,120,903	7,291,097	
1.3.087.09.040.03 - STS.1256: HAZARDOUS MATERIALS	100,000	3,147	0	0	3,147	96,853	
1.3.087.09.040.04 - STS.1256: ENVIRONMENTAL MITIGA	50,000	1,573	0	0	1,573	48,427	
1.3.087.09.040.07 - STS.1256: AUTOMOBILE BUS ACCE	2,200,000	915,072	100,000	0	915,072	1,284,928	
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	9,950,000	5,595,474	100,000	300,000	5,895,474	4,054,526	
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL	30,136,000	3,010,061	159,494	21,186	3,031,247	27,104,753	
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	844,000	26,557	0	0	26,557	817,443	

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	[B] June 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	10,439,000	301,719	0	0	301,719	10,137,281	
1.3.087.09.050.04 - STS.1256: TRACTION POWER DISTR	4,219,000	132,751	0	0	132,751	4,086,249	
1.3.087.09.050.05 - STS.1256: COMMUNICATIONS	9,955,000	313,235	0	0	313,235	9,641,765	
1.3.087.09.050.07 - STS.1256: CENTRAL CONTROL	2,717,000	85,491	0	0	85,491	2,631,509	
87 - SURFACE TRACKWORK AND SYSTEMS (STS) CMODs	80,170	0	0	0	0	80,170	
1.3.087.89.040.08 - CMOD:STS.1256: TEMPORARY FACILITIES	80,170	0	0	0	0	80,170	
1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	4,919,830	0	0	0	0	4,919,830	51
141 - CONSTRUCTION ADMINISTRATION	2,956,812	0	0	0	0	2,956,812	
1.3.141.97.080.04 - CONSTR.ADMIN:ALLOC CONTING	2,956,812					2,956,812	
142 - LEGAL/PERMITS	2,014,204	0	0	0	0	2,014,204	
1.3.142.01.080.06 - LGL.PRMTSF:LEGAL; PERMITS	2,014,204	0	0	0	0	2,014,204	
144 - STARTUP	8,300,329	0	0	0	0	8,300,329	
1.3.144.01.080.08 - STRT: STARTUP	6,941,907	0	0	0	0	6,941,907	
1.3.144.97.080.08 - STRTA: AC STARTUP ALLOC CONTIN	1,358,422					1,358,422	
151 - TEMPORARY LICENSE AGREEMENT	17,000	0	0	0	0	17,000	
1.3.151.01.080.06 - TEMP.LICPORARY LICENSE AGREEME	17,000	0	0	0	0	17,000	
170 - COMMUNICATIONS CONNECTIONS	5,757,629	0	0	0	0	5,757,629	
1.3.170.01.050.04 - COMM.CONNN:COMMUNICATION CONN	5,757,629	0	0	0	0	5,757,629	
181 - AON RISK INSURANCE CS 163	18,113,750	18,798,132	0	0	18,798,132	(684,382)	
1.3.181.01.040.08 - AON.CS163 AON RISK INS.	18,088,750	18,773,132	0	0	18,773,132	(684,382)	
1.3.181.01.080.03 - AON.CS171 AON RISK INS. STUDY	25,000	25,000	0	0	25,000	0	
191 - FARE COLLECTION CONTRACTOR	5,400,000	0	0	0	0	5,400,000	
1.3.191.01.050.06 - FARE.CONSUM:FARE COLLECTION	5,400,000	0	0	0	0	5,400,000	
192 - THALES T&S CENTRAL CONTROL	487,972	50,000	(60,000)	0	50,000	437,972	
1.3.192.01.050.01 - THALES T&S ATCS	487,972	50,000	(60,000)	0	50,000	437,972	
202 - JOC2-022.0	63,938	0	0	0	0	63,938	
1.3.202.01.040.02 - JOC2-022:15&22 POTHOLING UTIL1 LGHT FNDS	63,938	0	0	0	0	63,938	
203 - JOC2-029.0	53,317	0	0	0	0	53,317	
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	53,317	
302 - PG&E	1,988,173	2,749,912	0	0	2,749,912	(761,739)	
1.3.302.03.050.03 - PGE PERMANENT POWER UMS	(2,350,000)	0	0	0	0	(2,350,000)	
1.3.302.03.050.03 - PGE POWER FEED UMS	2,959,826	115,690	0	0	115,690	2,844,136	
1.3.302.04.050.03 - PGE PERMANENT POWER CTS	(2,350,000)	0	0	0	0	(2,350,000)	

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1.3.302.04.050.03 - PGE POWER FEED CTS	2,959,826	0	0	0	0	2,959,826	
1.3.302.05.050.03 - PGE PERMANENT POWER YBM	(2,368,540)	0	0	0	0	(2,368,540)	
1.3.302.05.050.03 - PGE POWER FEED YBM	3,125,222	2,634,222	0	0	2,634,222	491,000	
1.3.302.09.050.03 - PGE POWER FEED STS	11,839	0	0	0	0	11,839	
331 - BAY AREA RAPID TRANSIT (BART)	951,356	60,455	0	0	60,455	890,901	
1.3.331.01.080.04 - CM:SFMTA LABOR-ENG SVCS-IRP/BART/SF	0	33,152	0	0	33,152	(33,152)	
1.3.331.01.080.06 - CM: BAY AREA RAPID TRANSIT (BART) [122A]	951,356	27,304	0	0	27,304	924,052	
333 - AMERICAN PUBLIC TRANSP. ASSOCIATION (APTA) CS-APTA	146,500	54,612	0	0	54,612	91,888	
1.3.333.01.080.03 - APTA:APTA - IRP [2G]	46,500	27,304	0	0	27,304	19,196	
1.3.333.01.080.03 - APTA:APTA - IRP [2C]	100,000	27,308	0	0	27,308	72,692	
334 - BART FARE COLLECTION SYSTEM	700,000	0	0	0	0	700,000	
1.3.334.01.050.06 - BART:BART FARE COLLECTION EQP	700,000	0	0	0	0	700,000	
401 - ECONOMIC AND WORKFORCE DEVELOPMENT (EWD)	17,600	17,600	0	0	17,600	0	
1.3.401.01.080.04 - EWD: MAYORS OFFICE ECON DEV	17,600	17,600	0	0	17,600	0	
402 - DEPARTMENT OF TECHNOLOGY	242,371	237,534	0	0	237,534	4,837	
1.3.402.07.050.04 - DT:1UTL:COMM. CONNECTIONS	166,756	166,179	0	0	166,179	577	
1.3.402.08.050.04 - DT:2UTL:COMM.CONNECTIONS	75,615	71,354	0	0	71,354	4,261	
404 - DEPARTMENT OF BUILDING INSPECTION (DBI)	1,204,081	1,204,081	0	0	1,204,081	0	
1.3.404.01.080.06 - DPT OF BUILDING INSPECTION	1,204,081	1,204,081	0	0	1,204,081	0	
491 - FORM B - REIMBURSEMENT	(12,227,954)	0	0	0	0	(12,227,954)	
1.3.491.02.900.01 - FORMB - CONTRACT 1252 UTILITY REIMBUR	(254,050)	0			0	(254,050)	
1.3.491.03.900.01 - FORMB - UMS:CONTRACT 1300 UTILITY REIMBURSEMENT	(528,370)	0			0	(528,370)	
1.3.491.04.900.01 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEMENT	(451,703)	0			0	(451,703)	
1.3.491.05.900.01 - FORMB - YBM:CONTRACT 1300 UTILITY REIMBURSEMENT	(100,000)	0			0	(100,000)	
1.3.491.07.900.01 - FORMB - CONTRACT 1250 UTILITY REIMBUR	(2,275,419)	0			0	(2,275,419)	
1.3.491.08.900.01 - FORMB - CONTRACT 1251 UTILITY REIMBUR	(7,618,412)	0			0	(7,618,412)	
1.3.491.09.900.01 - FORMB - STS:CONTRACT 1300 UTILITY REIMBURSEMENT	(1,000,000)	0			0	(1,000,000)	
TOTAL CONSTRUCTION PHASE	1,343,370,949	604,080,998	11,115,360	9,886,251	613,967,250	717,001,913	
1.4.091.01.070.01 - LRVS: LIGHT RAIL VEHICLES PROJECT MGT [68E]	827,132	827,132	0	0	827,132	0	
1.4.091.01.070.01 - LRVS: LIGHT RAIL VEHICLES RFP [34B]	1,325,000	1,319,773	0	0	1,319,773	5,227	
1.4.091.01.070.01 - LRVS: LRV PROCUREMENT ODC	25,000	0	0	0	0	25,000	
1.4.091.01.070.01 - LRVS: LRV PROCUREMENT	11,131,868	0	0	0	0	11,131,868	
1.4.091.97.070.01 - LRVA:AC: VEHICLES ALLOC CONTI	13,076,653					13,076,653	19
TOTAL VEHICLES	26,385,653	2,146,905	0	0	2,146,905	24,238,748	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
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1.5.015.01.060.01 - RE: EASEMENT ACQUISIT	400,000	322,939	0	0	322,939	77,061	
1.5.015.01.060.01 - RE: REAL EST SITE ACQ	18,474,878	14,307,667	0	0	14,307,667	4,167,211	
1.5.015.01.060.01 - RE: REAL ESTATE	750,000	759,713	6,247	6,247	765,960	(15,960)	
1.5.015.01.060.01 - RE: REC & PARK MOU	6,987,624	6,987,624	0	0	6,987,624	0	
1.5.015.01.060.01 - RE:-DEPT OF TRANSPOR	5,000,000	2,686,000	102,000	0	2,686,000	2,314,000	
1.5.015.01.060.01 - RE:-LICENSES FEES	400,000	381,311	0	0	381,311	18,689	
1.5.015.97.060.01 - RE:A:AC: RE: REAL ESTATE ALLO	1,000,000					1,000,000	
1.5.023.01.060.01 - ATTY:REAL ES	2,212,882	2,469,421	0	0	2,469,421	(256,539)	
1.5.101.01.060.02 - RES.RELO: RELOCATION COST	1,275,200	1,292,001	(11,286)	(2,300)	1,289,701	(14,501)	
1.5.102.01.060.02 - COMM.RELO-RELOC COMMERCIAL	905,311	584,194	0	0	584,194	321,117	
TOTAL ROW, LAND, EXISTING IMPROVEMENTS	37,405,895	29,790,871	96,961	3,947	29,794,818	7,611,077	
90 - CONTINGENCY	80,473,077					80,473,077	
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	9,519,456					9,519,456	52
TOTAL ALLOCATED CONTINGENCY	70,953,621					70,953,621	
TOTAL PROJECT COST	1,578,300,001	796,490,668	11,212,322	9,890,199	806,380,867	759,517,349	

7.1 Program Project Budget	
1	The Central Subway Project (CSP) (SFMTA Capital Program CPT 544) is defined in the FTA-SFMTA October 2012 Full Funding Grant Agreement with a budget of \$1.578 billion.
2	The TBM Retrieval Shaft Relocation (SFMTA Capital Program CPT 690) is one of four capital projects that is related to CSP. These projects are reported for background information as needed outside of the main body of the Project Monthly Progress Report.
3	The Chinatown Plaza (CPT 718) is for Chinatown Station enhancement capital project. The project has funding outside of the Central Subway Project. The construction is carried out in Contract 1300 Contract Modifications.
4	CPT 665 is a Real Estate project to relocation in compliance with California regulations for business relocations but outside of the Central Subway Project as defined by the FTA FFGA.
5	CPT 705 is an SFMTA capital improvement between the Agency and community stakeholders outside of the Central Subway Project.
6	Utility company reimbursements (Form B) result in funds received for work carried out on behalf of utilities concurrent to CSP work to achieve efficiencies.
7	PG&E Power Feed reimbursement funds are the refunds from PG&E when completion of Stations construction and switch to permanent power.
8	BART Elevator funds are reimbursements for work carried out on behalf of BART to install BART Powell Street Station elevator.
9	The Tutor Perini - CAD Files funds are the result of payments by the contractor for project documentation not included in the contract.
10	SFPUC Sewer Main funds are reimbursements for work carried out on behalf of San Francisco PUC (includes 10% construction contingency).
11	SFPUC 24" Water Main funds are reimbursements for work carried out in Contract 1252 Contract Modification #41 on behalf of San Francisco PUC (includes construction management cost).
12	Traffic Effectiveness Project funded Contract Modification #40 for Culvert, Street & Sidewalk Restoration in North Beach are reimbursements for work carried out in Contract 1252 on behalf of SFMTA SSD.
13	SFPUC North Beach 24" Water Main Additional Work funds are reimbursements for work carried out in Contract 1252 Contract Modification #48 on behalf of San Francisco PUC (includes construction management cost).

7.4 Contingency Management Trend Report	
14	In Oct 2014 Report, updated Contract 1250 contract cost to segregate contract amount and contract modification amount. Note that September 2013 Supplemental Authorized Contingency "column f" did not include completed contract.
15	In Oct 2014 Report, updated Contract 1251 contract cost to segregate contract amount and contract modification amount. Note that September 2013 Supplemental Authorized Contingency "column f" did not include completed contract.

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16	Contract 1252 Original Contract Value "column a" and Original Congency "column f" did not match September 2013 Supplemental due to Supplemental were used the revised value to reflect Contract Modifications #3-#18. Reduced Contract 1252 contingency to reflect CMod #20 for retrieval shaft relocation cost \$5.15M funded by CPT690, CMod #40 for Culvert, Street & Sidewalk Restoration cost \$694,651 funded by Traffic Effectiveness Project, and CMod #41 for install 24" Water Main in North Beach cost \$328,860 funded by SFPUC.
17	BART Elevator scope and SFPUC Sewer Main scope is in Contract 1300; effort will be funded by BART. In January 2015 Report, corrected Station Contract value to match awarded amount.
18	In April 2015 report, real estate budget stated in RAMP Rev5 is \$36.7M, including \$1M contingency. The cost workbook ROW & contingency budget reflects this with \$36,511,799 and \$1,000,000 respectively. Revised costbook ROW budget & contingency to be \$37,511,799. The \$4,265,478 Caltrans lease savings is used for ROW allocated contingency.
19	In Dec 2014 Report, redistributed LRV budget to reflect recent firm bid cost per vehicle (\$3,327,250/unit) from vehicle procurement contract award. (SFMTA Board meeting 15JUL14, calendar item #11). Vehicle line item total budget remains unchanged, redistributed fund by reducing base amount to \$13,309,000, column "c" and increased allocated contingency column "h", by same amount.
20	In Oct 2014 Report, made two corrections: i) revised Professional Services, Original Contract Value "column a" from \$310,518,041 to \$310,618,041, ii) revised Original Congency. "column f" unallocated contingency from \$3,883,481 to \$3,845,945. In April 2015 report, used \$500K program contingency for CS-175 Bayland Soil Process contract.
21	The total Central Subway Project budget of \$1.578 billion, based on the October 2012 FFGA with the FTA, is the primary MPR report reference.
22	Estimate at Completion is shown at Column "e".
23	Estimate at Completion vs. Budget variance is shown at Column "k".

7.5 Contract Modification/Trend Log - Contract 1300 Stations

24	Contract 1300 GEN Potential Changes cost were re-coding to Contract Work Packages
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7.6 Budget Revisions: Report Sorted by Construction Packages

25	In Dec 2014 Report, reduced CN1252 allocated contingency by \$28K to excute Contract Modification #46, see Report 7.5 Detail Contingency Usage Report.
26	Program contingency increased by \$500,000. Refer to Report Notes #20.
27	Program contingency increased by \$5,265,478. Refer to Report Notes #18.
28	In Dec 2014 Report, redistributed LRV budget to reflect recent firm bid cost per vehicle (\$3,327,250/unit) from vehicle procurement contract award. (SFMTA Board meeting 15JUL14, calendar item #11). Vehicle line item total budget remains unchanged, redistributed fund by reducing base amount to \$13,309,000 and increased allocated contingency by same amount.
29	Program contingency decreased by \$500,000. Refer to Reports #20.

7.9 Detail Monthly Expenditure Report

Phase 1 Preliminary Engineering	
30	Famis cost for Preliminary Engineering (PE) is \$48,210,903.71. Cost Report for Preliminary Engineering (PE) is \$46,542,060. Some Design cost reported in Famis were moved to Design Phase, refer to Notes #19 and #20.
Phase 2 Design Phase	
31	Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.
32	Famis Phase 1 PE Index Code: 357906.CPT5441112 cost is \$10,222,939 \$8,949,300 is reported in Cost Report Phase 1 PE and the balance of \$1,273,639 is reported in Phase 2 Design.
33	1.2.021.01.080.03 - FD:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]: FAMIS: \$1,425,167 Cost Report: \$1,425,167 cost is reported in Phase 2 Design, 1.2.021.01.080.03 Cost Transfer: Remaining cost is reported in Phase 3 Construction, 1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]
34	1.2.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]: FAMIS: \$2,294,910 Cost Report: \$2,294,910 1.2.055.01.080.02 Cost Transfer: Future costs to be allocated to 1.3.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]
35	1.2.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]: FAMIS: \$4,698,167 Cost Report: \$4,698,167 on 1.2.063.01.080.03 Cost Transfer: Future costs to 1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]
36	AVA Cost \$395,204 is reported in Phase 2 Final Design 1.2.066.01.080.03
37	1.2.071.01.080.02 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]: FAMIS: \$5,608,147 Cost Report: \$5,469,336 Cost Transfer: \$138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]
38	1.2.072.01.080.02 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]: FAMIS: \$26,268,511 COST REPORT: \$26,220,609 COST TRANSFER: \$47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]

Connecting people. Connecting communities.

39	1.2.073.01.080.02 - FD:FINAL DESIGN-DP3 [35CPT5441236.CPT5441236]: FAMIS: \$11,502,372 COST REPORT: \$11,432,312 COST TRANSFER: \$70,060 to 1.3.073.01.080.04 - CM: DP3 [35CPT5441236.CPT5441236]
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Phase 3 CONSTRUCTION PHASE	
40	1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]: FAMIS: \$1,525,982 Cost Report: \$1,425,167 1.2.021.01.080.03 Cost Transfer: any future costs to 1.3.021.01.080.03
41	1.3.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]: FAMIS: \$2,294,910 Cost Report: \$2,294,910 1.2.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241] Cost Transfer: Future costs to be allocated to 1.3.055.01.080.02
42	1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]: FAMIS: \$4,698,167 Cost Report: \$4,698,167 on 1.2.063.01.080.03 Cost Transfer: Future costs to 1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]
43	Used \$500K program contingency for CS-175 Bayland Soil Process contract. Refer to Report Notes #20.
44	1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]: FAMIS: \$5,608,147 Cost Report: \$5,469,336 Cost Transfer: \$138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]
45	1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]: FAMIS: \$26,268,511 COST REPORT: \$26,220,609 COST TRANSFER: \$47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]
46	Contract 1251 Final cost is \$20,794,582.
47	Revised Contract 1252 allocated contingency SCC code from 040.08 to 010.07.
48	Revised Contract 1300/UMS allocated contingency SCC code from 040.08 to 020.03.
49	Revised Contract 1300/CTS allocated contingency SCC code from 040.08 to 020.03.
50	Revised Contract 1300/YBM allocated contingency SCC code from 040.08 to 020.03.
51	Revised Contract 1300/STS allocated contingency SCC code from 040.08 to 020.01.
52	Increase Program contingency \$1,023,508. Refer to Report Notes #11 and #12. Program contingency decreased by \$500,000. Refer to Report Notes #20.

Appendix B

DETAIL SCHEDULE REPORTS

SCHEDULE HIGHLIGHTS

The Master Project Schedule (MPS) below includes progress through June 30, 2015.

The MPS continues to forecast the Revenue Service Date of December 26, 2018.

The controlling critical (longest) path of the MPS runs through CTS succeeded by Commissioning and Pre-Revenue Activities to the Baseline Finish and Revenue Service Date. See Appendix B – Longest Path.

The Schedule Contingency is 4.8 months on the critical path of the MPS, which is below the Minimum Schedule Contingency level of 8 months. Revisions to the Schedule Contingency minimum levels have been developed and reviewed by FTA. Revisions to schedule contingency minimum levels have been reevaluated utilizing the approved Contract 1300 baseline schedule and found to be consistent with previous results. A re-evaluation is now required, utilizing the updated Contract 1300 Schedule to justify any revisions to current minimums.

The 1300 Contractor submitted the seventh Schedule Update (thru June 2015), indicating a late finish as shown in the prior updates. All updates have been rejected and require resubmission. The June Schedule Update shows slippage of progress on the Critical Path. Contractor has been directed to develop a recovery schedule as required by Contract. The 1300 Contractor continues address key critical activities to recover lost time and improve schedule performance. Review of schedule update as well as identifying recovery options is ongoing.

Contract 1252 Tunnels:

The 1252 construction management team is working with the 1252 Contractor to ensure all of the requirements of Final Completion are achieved. Contract Closeout and punch list activities are ongoing to close out the remaining work.

Contract Milestones	Required Finish	APR 2015 Finish	MAR 2015 Finish	Ahead/ Behind Requirement
Contract 1252 Tunnel Substantial Completion	15-Apr-15	15-Apr-15	15-Apr-15	(0) CD

Contract 1252 has performed the following work this period:

- Complete remaining punch list items
- Final Completion is on May 15, 2015

Contract 1252 will perform the following work next month:

- Administrative closeout contract

Contract 1300 - WP1253 UMS / WP1254R CTS / WP1255 YBM / WP1256 STS:

Contract 1300 schedule currently shows a summary version of Tutor Perini Corporation’s (TPC)

preliminary Baseline and Bid Schedule. This summary 1300 schedule will be replaced with Tutor’s approved Baseline Schedule and monthly update schedule. Update Schedule is currently under SFMTA review. The Update Schedule will be incorporated into master program schedule if the major review comments are incorporated.

Contract 1300 has several interface points with Contract 1252. The timing of these interface points correlate to when the NTP was issued for Contract 1300. This table represents the current status of these interface points with respect to the Contract 1252 update. The 1300 Contractor is not ready to access the tunnel used by Contract 1252. The tunnel access from Contract 1252 is not expected to impact Contract 1300. The current completion date of the Contract 1252 is shown in the table below.

Interface Points	CN1300 Requirement	CN 1252 APR15 Update	Variance	
Tunnel Portal Completion 1252 Tunnel Final Completion	24-Sep-15	15-May-15	132	CD

Work Package P-1254R (CTS) has performed the following work this month:

- Backfill Surface Slab at Washington Street
- Completed pothole dewatering wells on Stockton Street
- Completed inclinometers on Stockton Street
- Began permanent utility relocation under Washington Street
- Continue relocating ductbank on Stockton Street

Work Package P-1254R (CTS) will perform the following work next month

- Install dewatering wells on Stockton Street
- Deliver temp bracing beams
- Install service crane
- Install MBX instrumentation on Stockton Street
- Continue PG&E duck bank work on Stockton Street



Work Package P-1253 (UMS) has performed the following work this month:

- Continued setting and welding beams in the Ellis Annex and in the North Concourse
- Continued production and test jet grouting on the east and west sides of Stockton Street

Work Package P-1253 (UMS) will perform the following work next month:

- Street closures: Stockton Street between Ellis and Post and Ellis halfway, Stockton to Powell. Alternate lane configuration on O'Farrell at Stockton. Narrowing of Geary to 1 lane at Stockton
- Union Square Garage – demolition, tieback installation, and utility work
- North Concourse - install decking, concrete for roof deck and reroute of ductbanks and waterline
- Continue jet grouting operations on East and West sides of Stockton Street between Geary and O'Farrell Streets
- Continue compensation grouting pipe installation and preconditioning along Stockton Street
- Install I beams for roof installation between Maiden Lane and Geary Street
- Demolition and roof deck installation operations at Ellis Street Annex

Activity ID	Activity Name	2015				
		Jun	Jul	Aug	Sep	Oct
CENTRAL SUBWAY PROJECT						
Construction Phase						
Construction CN-1000						
Construction UMS Station P-1253						
UMS.31.32.105.3b	UMS_Jet Grout Stockton St - East Side for Water Seal Rig#1 Pour 3B					UMS.31.32.105.3b
UMS.31.23.720	UMS_Begin Dewatering to 10 Ft Below Bottom of Excavation					UMS.31.23.720
UMS.03.30.0450	UMS_Install Roof Deck & Place Concrete - Stockton/Market Intersection					UMS.03.30.0450
UMS.31.41.240	UMS_Install Sheet Piles @ Access Shaft #2 (O'Farrell)*					UMS.31.41.240
UMS.33.31.200.1a	UMS_Install Utilities, OCS Pier #73, & Backfill Street - South Headwall to Sta 135+20					UMS.33.31.200.1a
UMS.02.41.1760	UMS_Demo Garage Roof Slab					UMS.02.41.1760
UMS.31.50.0530	UMS_Install Temporary Deck & Support Utilities @ Geary St (2 W/E)					UMS.31.50.0530
UMS.31.32.100.3a10	UMS_Jet Grout Stockton St - West Side for Water Seal Rig#1 Pour 3A					UMS.31.32.100.3a10
UMS.31.41.200	UMS_Install Sheet Piles East & West Side Of Stockton St - Pours 1A,2A,3A,1B					UMS.31.41.200
UMS.31.32.100.5b10	UMS_Jet Grout Stockton St/O'Farrell West Side for Water Seal Rig#1 12ea Piles w/e #1-3					UMS.31.32.100.5b10
UMS.31.50.260	UMS_Install Bracing & Shoring for Walls & Slabs					UMS.31.50.260
UMS.33.15.0200	UMS_Install Utilities, OCS Piers, & Backfill - Stockton/Market Intersection					UMS.33.15.0200
UMS.31.50.270	UMS_Excavate. Lag & Support @ Access Shaft #2 (O'Farrell)					UMS.31.50.270
UMS.31.32.70	UMS_Jet Grout Under South Wall Footings - USG					UMS.31.32.70
UMS.32.13.0100	UMS_Place Curb & Gutter - Stockton/Market Intersection					UMS.32.13.0100
UMS.31.32.105.4b	UMS_Jet Grout Stockton St - East Side for Water Seal Rig#1 Pour 4B					UMS.31.32.105.4b
UMS.32.12.0100	UMS_Pave - Stockton/Market Intersection					UMS.32.12.0100
UMS.01.55.0730	Re-Open Ellis St & Stockton/Market Intersection					UMS.01.55.0730
UMS.31.32.100.1b	UMS_Jet Grout Stockton St - West Side for Water Seal Rig#2 Pour 1B					UMS.31.32.100.1b
UMS.31.32.110.5b	UMS_Jet Grout Stockton St/O'Farrell East Side for Water Seal Rig#2 12ea Piles w/e #1-3					UMS.31.32.110.5b
UMS.31.50.280	UMS_Install Temporary Lid @ Access Shaft #2 (O'Farrell)					UMS.31.50.280
UMS.05.12.100.1a	UMS_Set Bridging Support Skid - North Headwall to Sta 131+26					UMS.05.12.100.1a
UMS.31.32.100.2b	UMS_Jet Grout Stockton St - West Side for Water Seal Rig#2 Pour 2B					UMS.31.32.100.2b
UMS.31.20.100.1a	UMS_Excavate For Roof Section & Support Utilities (Where Required) North Headwall to Sta 131+26					UMS.31.20.100.1a
UMS.31.20.101.1a	UMS_As-Build Beam Connections / Fabricate / Deliver Roof Beams - North Headwall to Sta 131+26					UMS.31.20.101.1a
UMS.02.41.420	UMS_Demo North Headwall For Roof Deck Installation					UMS.02.41.420
UMS.31.50.0560	UMS_Install Spiling @ Access Shaft #2 & Excavate to Pile Face					UMS.31.50.0560
UMS.05.12.105.1a	UMS_Install Roof Deck Beams - North Headwall to Sta 131+26					UMS.05.12.105.1a
UMS.31.32.100.3b	UMS_Jet Grout Stockton St - West Side for Water Seal Rig#1 Pour 3B					UMS.31.32.100.3b
UMS.05.30.100.1a	UMS_Install Metal Roof Decking - North Headwall to Sta 131+26					UMS.05.30.100.1a
UMS.31.32.105.5b	UMS_Jet Grout Stockton St/O'Farrell West Side for Water Seal Rig#1 6ea Piles w/e #4-5					UMS.31.32.105.5b
UMS.31.20.0710	UMS_Break Through Battered Piles & Frame Construction Access #2					UMS.31.20.0710
UMS.03.30.100.1a	UMS_Formwork/Rebar Roof Deck and Pile Cap - North Headwall to Sta 131+26					UMS.03.30.100.1a
UMS.03.30.105.1a	UMS_Place Concrete - Roof Deck and Pile Cap - North Headwall to Sta 131+26					UMS.03.30.105.1a
UMS.03.30.110.1a	UMS_Cure Concrete - Roof Deck and Pile Cap - North Headwall to Sta 131+26					UMS.03.30.110.1a
UMS.31.32.100.4b	UMS_Jet Grout Stockton St - West Side for Water Seal Rig#1 Pour 4B					UMS.31.32.100.4b

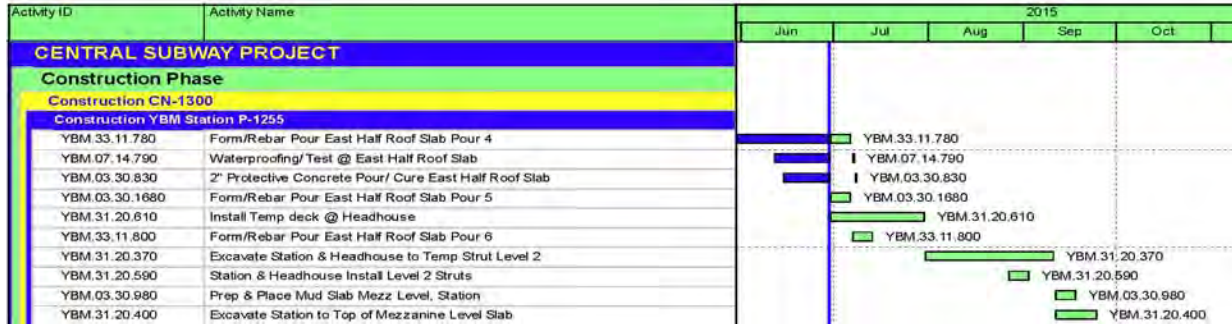
Work Package P-1255 (YBM) has performed the following work this month:

- Traffic flowing on west side of 4th Street with east side work area closed for roof and utility construction
- East side surface slab construction is in progress (three segments, TPC sections 4, 5, 6 south to north) – roof slab in sections 4 and 5 is complete with utility installation and backfill in progress, roadway section removal and excavation in section 6 is in progress
- Backfill over portion of headhouse beneath Clementina Street is in progress
- Utility installation at 4th and Howard (sewer mains) and at 4th and Folsom (culvert) is in progress
- Headhouse dewatering and excavation to temporary bracing level 1 is in progress
- Archaeological monitoring is in progress

Work Package P-1255 (YBM) will perform the following work next month:

- East side surface slab construction (three segments, TPC sections 4, 5, 6 south to north), concrete placement in section 6
- Continue utility installation on east side of station box roof

- Begin Installation of temporary bracing in headhouse excavation
- Continue headhouse excavation and breakthrough beneath station roof on 4th Street



Work Package P-1256 (STS) has performed the following work this month:

- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation
- Started 36" sewer force main

Work Package P-1256 (STS) will perform the following work next month:

- Continue 78" sewer rehabilitation
- Continue MRY ductbank and vault installation
- Continue 36" sewer force main

Activity ID	Activity Name	2015					
		Jun	Jul	Aug	Sep	Oct	Nov
CENTRAL SUBWAY PROJECT							
Construction Phase							
Construction CN-1300							
Construction STS P-1256							
STS1240	STS_Pothole: Utilities: Pothole for Gas Distribution						
STS.33.11.100	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St Through Bryant St Intersection						
STS.33.11.120	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Bryant St To Welch St)						
STS.33.71.160	STS_Install: Utilities: MRY Ductbanks MH 1894 To 1897 - Brannan St						
STS.33.11.130	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Through Welch St Intersection)						
STS.33.11.140	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Welsh St To Freelon St)						
STS.33.11.150	S_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Through Freelon St Intersection)						
STS.33.11.160	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Freelon St To Brannan St)						
STS.26.05.2660	STS_Install: OCS System - Install OCS Pole Foundations In Townsend Street To 5th Street						
STS.26.05.3960	STS_Install: Street Lighting - Pull & Terminate Street Lights In Townsend South Side						
STS.26.05.2690	STS_Install: OCS System - Install OCS Poles In Townsend Street To 5th Street						

SCHEDULE REVISIONS

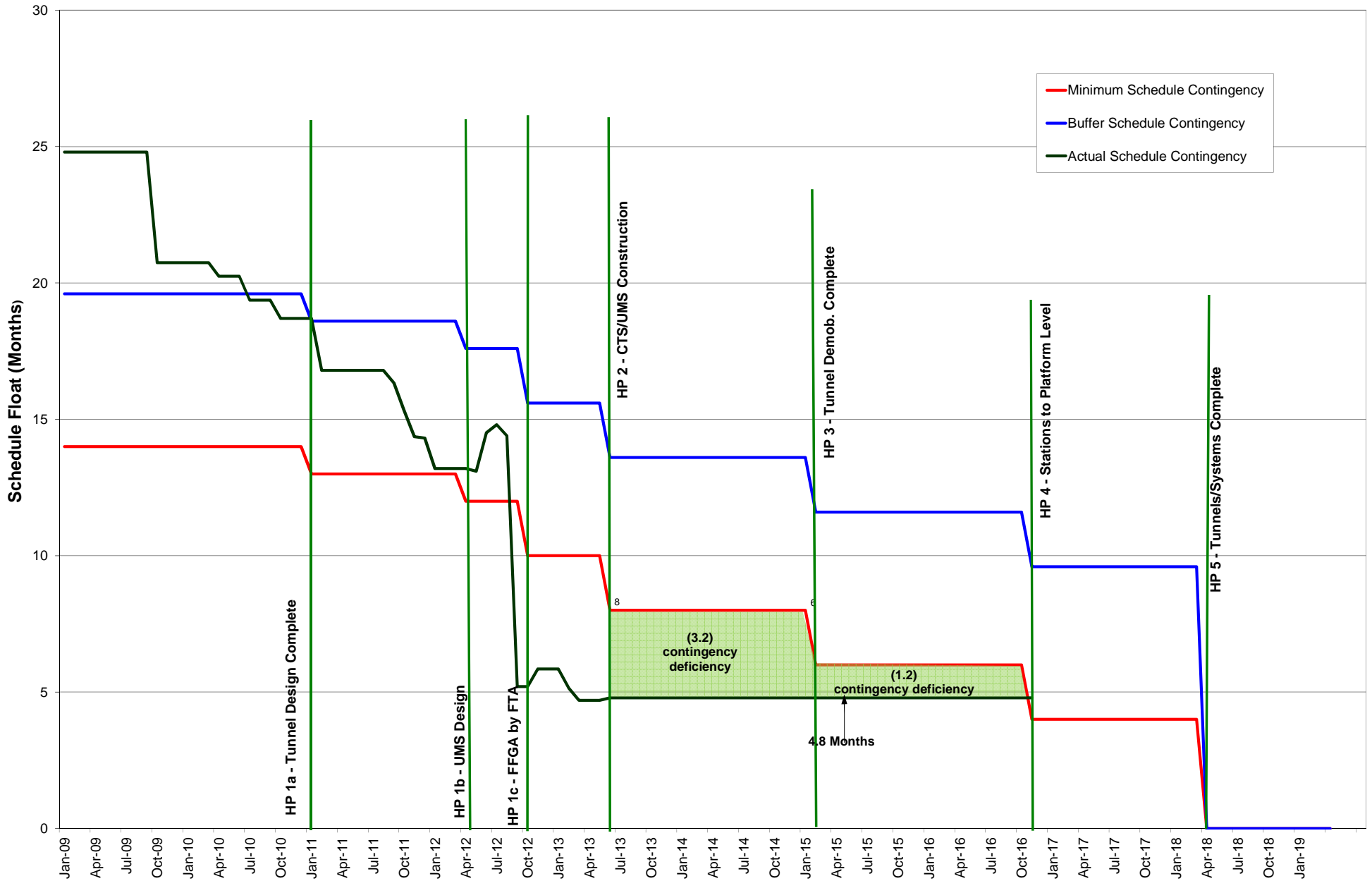
Activities were added to the Interim CN-1300 Schedule to show addition schedule details in the current reporting period.

LIST OF SCHEDULE REPORTS

- 1.1. Schedule Contingency Drawdown
- 1.2. Master Summary Schedule
- 1.3. Program Critical Path Schedule
- 1.4. Construction Contract Summary Schedule
- 1.5. Detail Schedule for Remaining Work

CENTRAL SUBWAY PROJECT Schedule Contingency Drawdown

JUNE 2015



Activity ID	Activity Name	Original Duration	Start	Finish	2015			2016				2017				2018				2019			2020		
					Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
CENTRAL SUBWAY PROJECT					CENTRAL SUBWAY PROJECT																				
Program Level Milestones					Program Level Milestones																				
PJD1000	Central Subway Project Start	0	03-Jun-03 A																						
MS0004A	Tunnel Excavation Complete - Project Milestone #4A	0		05-Sep-14 A	Tunnel Excavation Complete - Project Milestone #4A																				
MS0019	Baseline Finish Date: 12-26-2018	0		26-Dec-18*	◆ Baseline Finish Date: 12-26-2018																				
MS0009	CSP Revenue Service Date	0		26-Dec-18*	◆ CSP Revenue Service Date																				
Preliminary Engineering Phase					Preliminary Engineering Phase																				
Final Design					Final Design																				
Light Rail Vehicles					Light Rail Vehicles																				
Real Estate					Real Estate																				
Construction Phase					Construction Phase																				
Construction Support and Costs					Construction Support and Costs																				
Construction Utility Contract #1- MOS & Portal CN-1250					Construction Utility Contract #1- MOS & Portal CN-1250																				
Construction Utility Contract #2 - UMS CN-1251					Construction Utility Contract #2 - UMS CN-1251																				
Construction Tunnels CN-1252					Construction Tunnels CN-1252																				
Construction CN-1300					Construction CN-1300																				
CN- 1300 Milestone					CN- 1300 Milestone																				
Construction UMS Station P-1253					Construction UMS Station P-1253																				
Construction CTS Station P-1254R					Construction CTS Station P-1254R																				
Construction YBM Station P-1255					Construction YBM Station P-1255																				
Construction STS P-1256					Construction STS P-1256																				
UMS-1253 Contract Modification					UMS-1253 Contract Modification																				
Project Start Up					Project Start Up																				
Unallocated Contingency					Unallocated Contingency																				
CO1.700	Cost Activity Unallocated Contingency (LOE) - 1.7.500.99.090.00 - Contingency	219	12-Feb-18	26-Dec-18	Cost Activity Unallocated Contingency (LOE) - 1.7.500.99.090.00 - Contingency																				

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015		2016				2017				2018				2019				2020				2021	
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
CENTRAL SUBWAY PROJECT																													
Program Level Milestones																													
HidPt5	Systems Complete	0		13-Apr-18	0	◆ Systems Complete																							
MS0019	Baseline Finish Date: 12-26-2018	0		26-Dec-18*	0	◆ Baseline Finish Date: 12-26-2018																							
MS0009	CSP Revenue Service Date	0		26-Dec-18*	0	◆ CSP Revenue Service Date																							
Construction Phase																													
Construction CN-1300																													
CN- 1300 Milestone																													
BUF1017	STS Buffer Float- (44)	44	12-Feb-18	13-Apr-18	0	■ STS Buffer Float-(44)																							
Construction CTS Station P-1254R																													
CTS1040	CTS Excavate Headhouse & Bracing	128	09-Oct-14 A	30-Jul-15	0	■ CTS Excavate Headhouse & Bracing																							
CTS1050	CTS SEM & Install Supports	406	30-Jun-15	28-Feb-17	0	■ CTS SEM & Install Supports																							
CTS1080	CTS Headhouse Structural Concrete / Remove Bracing	60	14-Dec-16	21-Mar-17	0	■ CTS Headhouse Structural Concrete / Remove Bracing																							
CTS1100	CTS Install M/E/P	145	22-Mar-17	16-Oct-17	0	■ CTS Install M/E/P																							
CTS1120	CTS Start Up & Testing	96	17-Oct-17	10-Feb-18	0	■ CTS Start Up & Testing																							
CTS0030	CTS P-1254R Commissioning Completion	0		10-Feb-18	0	◆ CTS P-1254R Commissioning Completion																							
Construction STS P-1256																													
STS.33.31.450	Modify Existing 78" Sewer Main Brannan To Bluxome St Manhole	30	30-Jun-15	31-Jul-15	-100	■ Modify Existing 78" Sewer Main Brannan To Bluxome St Manhole																							
STS1250	Modify Existing 78" Sewer Main Bluxome to Townsend St Manhole +/-	30	03-Aug-15	03-Sep-15	-100	■ Modify Existing 78" Sewer Main Bluxome to Townsend St Manhole +/-																							
STS1090	STS Startup & Testing- Tunnel & ATSC Systems	88	26-Oct-17	10-Feb-18	0	■ STS Startup & Testing- Tunnel & ATSC Systems																							
Project Start Up																													
STU1010	S&S Certification / Pre-Revenue Activities	115	16-Apr-18	27-Sep-18	0	■ S&S Certification / Pre-Revenue Activities																							
BUF0018	Muni Float	60	28-Sep-18	26-Dec-18	0	■ Muni Float																							

Activity Name	Original Duration	Start	Finish	2012				2013				2014				2015				2016				2017				2018			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CENTRAL SUBWAY PROJECT	1744	08-Jun-11 A	11-May-18																												
Construction Phase	1744	08-Jun-11 A	11-May-18																												
Construction Tunnels CN-1252	1357	08-Jun-11 A	30-Jun-15																												
1252 Tunnel Contract BIH	1357	08-Jun-11 A	30-Jun-15																												
Contract Milestones	1437	08-Jun-11 A	15-May-15 A																												
General Conditions	1187	01-Aug-11 A	15-May-15 A																												
4th & Bryant St TBM Launch Box Construction	442	30-Mar-12 A	02-Jun-14 A																												
Moscone Station Headwalls	446	14-May-12 A	20-Sep-13 A																												
UMS Station Headwalls	456	24-Jul-12 A	22-Nov-13 A																												
UMS - Remove Geary to Ellis OCS	5	24-Jul-12 A	26-Jul-12 A																												
UMS - Setup Traffic Control for Headwall Construction	1	30-Jul-12 A	30-Jul-12 A																												
North Headwall	367	27-Feb-13 A	22-Nov-13 A																												
South Headwall	424	31-Jul-12 A	22-Nov-13 A																												
4th St and Market Compensation Grouting	710	28-Jan-13 A	30-Apr-15 A																												
Southbound Tunneling	462	27-Apr-13 A	13-Oct-14 A																												
Ellis St Compensation Grouting	532	31-Jul-12 A	09-May-14 A																												
Green St Compensation Grouting	261	05-Aug-13 A	30-Jun-14 A																												
Retrieval Shaft	1047	31-Oct-11 A	20-Mar-15 A																												
Cross Passage 1-5	313	22-Mar-14 A	16-Apr-15 A																												
Cross Passage 1	79	14-Jun-14 A	12-Sep-14 A																												
Cross Passage 2	123	10-May-14 A	09-Sep-14 A																												
Cross Passage 3	129	31-Mar-14 A	28-Aug-14 A																												
Cross Passage 4	98	22-Mar-14 A	31-Jul-14 A																												
Cross Passage 5	289	31-May-14 A	16-Apr-15 A																												
Portal Structure	209	02-Sep-14 A	15-Apr-15 A																												
Contract Close Out	288	03-Mar-14 A	30-Jun-15																												
Construction CN-1300	2015	17-Jun-13 A	11-May-18																												
CN- 1300 Milestone	1790	17-Jun-13 A	11-May-18																												
Construction UMS Station P-1253	1790	17-Jun-13 A	11-May-18																												
Construction CTS Station P-1254R	2015	17-Jun-13 A	11-May-18																												
Construction YBM Station P-1255	1790	17-Jun-13 A	11-May-18																												
Construction STS P-1256	1790	17-Jun-13 A	11-May-18																												
UMS-1253 Contract Modification	533	13-Sep-13 A	30-Jun-15																												

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015		2016				2017				2018				2019				2020				2021			
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
CENTRAL SUBWAY PROJECT						3036	01-Dec-08 A	30-Dec-20	0																						
Program Level Milestones						2011	30-Jun-15	30-Dec-20	0																						
MS0005	50% through Construction Project - Milestone #5	0		30-Jun-15*	1186	◆ 50% through Construction Project - Milestone #5																									
HldPt3	Tunnel Demobilization Complete	0		30-Jun-15	23	◆ Tunnel Demobilization Complete																									
HldPt4	Stations to Platform Level	0		18-Nov-16*	85	◆ Stations to Platform Level																									
MS0006	75% through Construction - Project Milestone #6	0		28-Feb-17*	576	◆ 75% through Construction - Project Milestone #6																									
MS0007	90% through Construction - Project Milestone #7	0		06-Dec-17*	295	◆ 90% through Construction - Project Milestone #7																									
STU1030	Accept CSP Funded LRVs	0		12-Feb-18	219	◆ Accept CSP Funded LRVs																									
HldPt5	Systems Complete	0		13-Apr-18	0	◆ Systems Complete																									
MS0008	Construction Complete	0		11-May-18	139	◆ Construction Complete																									
MS0019	Baseline Finish Date: 12-26-2018	0		26-Dec-18*	0	◆ Baseline Finish Date: 12-26-2018																									
MS0009	CSP Revenue Service Date	0		26-Dec-18*	0	◆ CSP Revenue Service Date																									
MS0010	Grant Closeout - CSP Complete	0		30-Dec-20	0	◆ Grant Closeout																									
Light Rail Vehicles						2060	15-Apr-13 A	04-Dec-18	22																						
LRV1400	LRV Vendor Selection - 1.4.091.01.070.01 - Physical	305	15-Apr-13 A	07-Jul-15	16	LRV Vendor Selection - 1.4.091.01.070.01 - Physical																									
LRV1405	VLR Vendor Selection Payment 2	255	30-Jun-15 A	08-Mar-16	20	VLR Vendor Selection Payment 2																									
LRV1410	LRV Design Specification - 1.4.091.01.070.01 - Physical	53	09-Mar-16	20-May-16	14	LRV Design Specification - 1.4.091.01.070.01 - Physical																									
LRV1420	LRV Manufacture / Assemble - 1.4.091.97.070.01 - Contingency	252	23-May-16	19-May-17	14	LRV Manufacture / Assemble - 1.4.091.97.070.01 - Contingency																									
LRV1430	LRV Manufacture / Assemble - 1.4.091.01.070.01 - Physical	252	23-May-16	19-May-17	14	LRV Manufacture / Assemble - 1.4.091.01.070.01 - Physical																									
MS-LRV	LRV Delivery	0		04-Dec-18	14	◆ LRV Delivery																									
Real Estate						4051	01-Dec-08 A	31-Jan-20	334																						
CO1.510	Acquisitions, Appraisals, Relocation Consultant Cost Activity (LOE)	1631	01-Dec-08 A	30-Jun-15	660	Acquisitions, Appraisals, Relocation Consultant Cost Activity (LOE)																									
CO1.520	Real Estate Residential Relocation Cost Activity (LOE)	1631	01-Dec-08 A	30-Jun-15	660	Real Estate Residential Relocation Cost Activity (LOE)																									
CO1.521	Real Estate Commercial Relocation Cost Activity (LOE)	981	05-Jul-11 A	30-Jun-15	660	Real Estate Commercial Relocation Cost Activity (LOE)																									
CO1.530	Contingency Cost Activity (LOE)	353	02-Jan-14 A	30-Jun-15	660	Contingency Cost Activity (LOE)																									
Complete RE Processing Tunnel CP-1252						1990	01-Feb-12 A	31-Jan-20	230																						
REA10090	Caltrans Lease	1990	01-Feb-12 A	31-Jan-20	230	Caltrans Lease																									
Complete RE Processing CTS Station P-1254R						1432	01-Aug-10 A	30-Jun-15	958																						
(211-011) Chinatown						1432	01-Aug-10 A	30-Jun-15	958																						
Tenant Relocation (933 Stockton)						1432	01-Aug-10 A	30-Jun-15	958																						
REA3165	933 Stockton, Unit 10 - Tenant Relocated	1277	01-Aug-10 A	30-Jun-15	958	933 Stockton, Unit 10 - Tenant Relocated																									
REA3145	933 Stockton, Unit 9A - Tenant Relocated	1277	01-Apr-11 A	30-Jun-15	958	933 Stockton, Unit 9A - Tenant Relocated																									
REA3155	933 Stockton, Unit 9B - Tenant Relocated	1277	15-Apr-11 A	30-Jun-15	958	933 Stockton, Unit 9B - Tenant Relocated																									
REA3215	933 Stockton, Unit 16 - Tenant Relocated	1277	01-May-11 A	30-Jun-15	958	933 Stockton, Unit 16 - Tenant Relocated																									
REA3075	933 Stockton, Unit 3B - Tenant Relocated	1277	09-May-11 A	30-Jun-15	958	933 Stockton, Unit 3B - Tenant Relocated																									
REA3135	933 Stockton, Unit 8 - Tenant Relocated	1277	01-Jun-11 A	30-Jun-15	958	933 Stockton, Unit 8 - Tenant Relocated																									
REA3055	933 Stockton, Unit 2 - Tenant Relocated	1277	01-Aug-11 A	30-Jun-15	958	933 Stockton, Unit 2 - Tenant Relocated																									
REA3085	933 Stockton, Unit 4 - Tenant Relocated	1277	01-Sep-11 A	30-Jun-15	958	933 Stockton, Unit 4 - Tenant Relocated																									
REA3115	933 Stockton, Unit 7A - Tenant Relocated	1277	14-Sep-11 A	30-Jun-15	958	933 Stockton, Unit 7A - Tenant Relocated																									
REA3225	933 Stockton, Unit 17 - Tenant Relocated	1277	19-Sep-11 A	30-Jun-15	958	933 Stockton, Unit 17 - Tenant Relocated																									
REA3065	933 Stockton, Unit 3A - Tenant Relocated	1277	01-Nov-11 A	30-Jun-15	958	933 Stockton, Unit 3A - Tenant Relocated																									
REA3175	933 Stockton, Unit 11 - Tenant Relocated	1277	01-Nov-11 A	30-Jun-15	958	933 Stockton, Unit 11 - Tenant Relocated																									
REA3195	933 Stockton, Unit 14 - Tenant Relocated	1277	09-Nov-11 A	30-Jun-15	958	933 Stockton, Unit 14 - Tenant Relocated																									
REA3605	933 Stockton, Unit 1 - Tenant Relocated	1277	01-Dec-11 A	30-Jun-15	958	933 Stockton, Unit 1 - Tenant Relocated																									
Construction Phase						2349	04-Jan-10 A	02-May-19	417																						
Construction Support and Costs						3406	04-Jan-10 A	02-May-19	608																						
Construction Tunnels CN-1252						187	05-Sep-14 A	30-Jun-15	134																						
1252 Tunnel Contract BIH						1	30-Jun-15	30-Jun-15	-34																						
Contract Close Out						1	30-Jun-15	30-Jun-15	-34																						

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015		2016				2017				2018				2019				2020				2021									
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
TUN-13-2080	Demobilization - Transfer Site to Subsequent Contractor(s)	1	30-Jun-15	30-Jun-15	-34																																
1252 Contingency, Interfaces, & Buffer Float						228	05-Sep-14 A	30-Jun-15	199																												
CO1.3.08300	CN 1252 Tunnel Contingency Cost Activity (LOE)	188	05-Sep-14 A	30-Jun-15	159																																
TUN1180	CN 1252 Substantial Completion - CN 1252 & Master Schedule Interface	0	30-Apr-15 A	30-Jun-15	199																																
TUN9990	CP-5 Complete- CN 1252 & Master Schedule Interface	0	30-Apr-15 A	30-Jun-15	32																																
BUF1047	TUN Buffer Float No. 7.75 to Stations YBM	0	30-Apr-15 A	30-Jun-15	23																																
TUN1190	CN 1252 Closeout Complete- CN 1252 & Master Schedule Interface	0	30-Apr-15 A	30-Jun-15	199																																
Construction CN-1300						1790	17-Jun-13 A	11-May-18	964																												
CN- 1300 Milestone						1790	17-Jun-13 A	11-May-18	139																												
FDS2330	CN 1300- UMS, CTS, YBM, & STS Req'd Substantial Completion (1700 CD from NTP)	1700	17-Jun-13 A	10-Feb-18	1																																
UMS2100	CN 1300- UMS & YBM Req'd- Tunnel Interface Complete (620 CD from NTP)	620	17-Jun-13 A	30-Jun-15	34																																
CTS2120	CN 1300- CTS Req'd -Tunnel Interface Complete (450 CD from NTP)	450	17-Jun-13 A	30-Jun-15	22																																
STS10020	CN 1300- STS Req'd Tunnel Portal Completion (830 CD from NTP)	830	17-Jun-13 A	24-Sep-15	112																																
STS1500	CN 1300 Substantial Completion	0		10-Feb-18	1																																
STS1510	CN 1300 Checklist and Closeout	90	11-Feb-18	11-May-18	139																																
BUF1017	STS Buffer Float- (44)	44	12-Feb-18	13-Apr-18	0																																
STS1520	CN 1300 Final Completion	0		11-May-18	139																																
Construction UMS Station P-1253						1579	14-Jan-14 A	11-May-18	964																												
UMS1020	UMS Guidewalls, Piles, Jet Grout, and Roof	320	14-Jan-14 A	17-Jul-15	10																																
BID-COST01	UMS All Location Cost (LOE)	487	21-Jul-14 A	30-Jun-15	1384																																
UMS.31.32.100.1a	UMS_Jet Grout Piles - Stockton St East/West Side for Water Seal Rig#1 Pour 1A	12	05-Jan-15 A	30-Jun-15	1374																																
UMS1040	UMS Garage Demo and Install Structural Elements to Garage Permanent Operations	160	05-Jan-15 A	19-Aug-15	4																																
UMS.31.20.202.1b	UMS_Excavate To Compensation Grout Level - Sta 135+92 To Sta 136+28	1	02-Feb-15 A	30-Jun-15	1378																																
UMS.31.32.100.2a	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#2 Pour 2A	10	02-Feb-15 A	30-Jun-15	1374																																
UMS.31.43.510.1b	UMS_ Install Compensation Grouting Tubes - Armani Sta 135+92 to 136+28	2	02-Feb-15 A	02-Jul-15	1381																																
UMS.02.41.0375	UMS_Demo Sub-Basement Walls, Beams & Lagging - Stockton St - Maiden To Geary (West Side)	5	02-Feb-15 A	07-Jul-15	1379																																
UMS.03.30.200.2b	UMS_UMS_Formwork/Rebar Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	5	27-Feb-15 A	30-Jun-15	1371																																
CN1300-CM-096	UMS_CN_Install HVAC Air Duct Risers to Conc Duct Below	5	11-May-15 A	06-Jul-15	1337																																
CN1300-CM-076	UMS_CN_Install HVAC Supply Air Duct & Grilles (In Union Square Garage Lvl 2)	3	29-May-15 A	01-Jul-15	1273																																
CN1300-CM-086	UMS_Demo Garage Roof Slab	5	29-May-15 A	06-Jul-15	1378																																
CN1300-CM-106	UMS_Complete Demo South Headwall	5	29-May-15 A	13-Jul-15	1373																																
CN1300-CM-116	UMS_Shore Tunnel and ready for break in- Sta 132+50 To North Headwall	5	29-May-15 A	20-Jul-15	1368																																
UMS.31.32.105.3b	UMS_Jet Grout Stockton St - East Side for Water Seal Rig#1 Pour 3B	9	05-Jun-15 A	09-Jul-15	1368																																
UMS.31.23.720	UMS_Begin Dewatering to 10 Ft Below Bottom of Excavation	0	30-Jun-15		1384																																
UMS.03.30.205.2b	UMS_Place Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	1	30-Jun-15	30-Jun-15	1371																																
UMS.03.30.0450	UMS_ Install Roof Deck & Place Concrete -Stockton/Market Intersection	4	30-Jun-15	06-Jul-15	1376																																
UMS.23.34.0385	UMS_CN_Install HVAC Air Duct Risers to Conc Duct Below (In Union Square Garage Lvl 4)	5	30-Jun-15	07-Jul-15	1379																																
UMS.31.41.240	UMS_Install Sheet Piles @ Access Shaft #2 (O'Farrell)*	5	30-Jun-15	07-Jul-15	1344																																
UMS.33.31.200.1a	UMS_Install Utilities, OCS Pier #73, & Backfill Street - South Headwall to Sta 135+20	5	30-Jun-15	07-Jul-15	1379																																
UMS.02.41.1760	UMS_Demo Garage Roof Slab	5	30-Jun-15	07-Jul-15	1364																																
UMS.23.31.0045	UMS_ Install Temporary Ventilation & Utilities	6	30-Jun-15	08-Jul-15	1358																																
UMS.02.41.1750	UMS_ Install Temporary Vehicular Circulation at Union Garage	6	30-Jun-15	08-Jul-15	1358																																
UMS.23.34.0415	UMS_CN_Install Temporary HVAC Exhaust Duct (In Union Square Garage Lvl 4)	7	30-Jun-15	09-Jul-15	1377																																
UMS.31.50.0530	UMS_Install Temporary Deck & Support Utilities @ Geary St (2 W/E)	8	30-Jun-15	10-Jul-15	1376																																
UMS.31.32.100.3a10	UMS_Jet Grout Stockton St - West Side for Water Seal Rig#1 Pour 3A	9	30-Jun-15	13-Jul-15	1328																																
UMS.31.41.200	UMS_Install Sheet Piles East & West Side Of Stockton St - Pours 1A,2A,3A,1B	10	30-Jun-15	14-Jul-15	1336																																
1300 01 12 17 15b	Special Events: Post- Moratorium Coordination - Stockton Street	10	30-Jun-15*	14-Jul-15	1374																																
UMS.31.32.105.1a	UMS_Jet Grout Piles Stockton St East/West Side for Water Seal Rig#1 Pour 1A	12	30-Jun-15	16-Jul-15	1345																																
UMS.31.32.100.5b10	UMS_Jet Grout Stockton St/O'Farrell West Side for Water Seal Rig#1 12ea Piles w/e #1-3	14	30-Jun-15	20-Jul-15	1331																																
UMS.31.50.260	UMS_ Install Bracing & Shoring for Walls & Slabs	15	30-Jun-15	21-Jul-15	1369																																

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015		2016				2017				2018				2019				2020				2021			
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
UMS1060	UMS Garage Turn Over Garage	0		19-Aug-15	4																										
UMS.03.30.110.1a	UMS_Cure Concrete - Roof Deck and Pile Cap - North Headwall to Sta 131+26	5	20-Aug-15	26-Aug-15	1328																										
UMS.31.32.100.4b	UMS_Jet Grout Stockton St - West Side for Water Seal Rig#1 Pour 4B	9	20-Aug-15	01-Sep-15	1329																										
UMS1070	UMS Garage Remaining Work	555	20-Aug-15	31-Oct-17	4																										
UMS.07.14.100.1a	UMS_Install Waterproofing System/Grout Cover - Roof Deck and Pile Cap - North Headwall to	1	24-Aug-15	24-Aug-15	1330																										
UMS.31.32.115.5b	UMS_Jet Grout Stockton St/O'Farrell East Side for Water Seal Rig#2 6ea Piles w/e #4-5	14	25-Aug-15	14-Sep-15	1331																										
UMS.31.20.105.1a	UMS_Backfill Roof Section To Subgrade & Move Skid - North Headwall to Sta 131+26	3	27-Aug-15	31-Aug-15	1328																										
UMS.05.12.100.2a	UMS_Set Bridging Support Skid - Sta 131+26 to Sta 131+62	1	01-Sep-15	01-Sep-15	1328																										
UMS.33.31.100.1a	UMS_Install Utilities & Backfill Street - North Headwall to Sta 131+26	5	01-Sep-15	08-Sep-15	1335																										
UMS.31.20.100.2a	UMS_Excavate For Roof Section & Support Utilities (Where Required) Sta 131+26 to Sta 131+62	3	02-Sep-15	04-Sep-15	1328																										
UMS.31.32.100.4a	UMS_Jet Grout Stockton St - West Side for Water Seal Rig#2 Pour 4A	10	02-Sep-15	16-Sep-15	1329																										
UMS.31.20.101.2a	UMS_As-Build Beam Connections / Fabricate / Deliver Roof Beams - Sta 131+26 To Sta 131+62	7	03-Sep-15	14-Sep-15	1328																										
CN1300-CM-026	Construct New Ramps	60	09-Sep-15	03-Dec-15	1273																										
UMS.05.12.105.2a	UMS_Install Roof Deck Beams - Sta 131+26 to Sta 131+62	2	15-Sep-15	16-Sep-15	1328																										
UMS.05.30.100.2a	UMS_Install Metal Roof Decking - Sta 131+26 to Sta 131+62	1	17-Sep-15	17-Sep-15	1328																										
CN1300-CM-016	UMS_Install Bracing & Shoring for Walls & Slabs	15	22-Sep-15	12-Oct-15	1309																										
UMS1080	UMS Place Invert, Install Walls, and Waterproof	230	06-Apr-16	03-Mar-17	10																										
UMS1090	UMS Install M/E/P	170	14-Dec-16	15-Aug-17	10																										
UMS1110	UMS Architectural Finishes	180	06-Mar-17	15-Nov-17	58																										
MPS-MOB-UMS04	UMS Mobilization Payment #4	1	22-Sep-17*	22-Sep-17	142																										
UMS1130	UMS Start Up & Testing	65	01-Nov-17	05-Feb-18	4																										
UMS2040	UMS P-1253 Commissioning Completion	0		05-Feb-18	5																										
MPS-MOB-UMS05	UMS Mobilization Payment #5	1	11-May-18*	11-May-18	139																										
Construction CTS Station P-1254R		1473	30-Apr-14 A	11-May-18	964																										
MPS-CTS 23 09 13 c	CTS_Procure: HVAC: Instrumentation & Control	120	30-Apr-14 A	27-Oct-15	838	CTS_Procure: HVAC: Instrumentation & Control																									
BID-300C	CTS - All Locations	885	21-Jul-14 A	09-Feb-18	0	CTS - All Locations																									
CTS1040	CTS Excavate Headhouse & Bracing	128	09-Oct-14 A	30-Jul-15	0	CTS Excavate Headhouse & Bracing																									
CTS.31.23.735	CTS_UM Drill & Install Dewatering Wells - In Headhouse - 4 ea	10	07-Jan-15 A	14-Jul-15	1343	CTS_UM Drill & Install Dewatering Wells - In Headhouse - 4 ea																									
MPS-CTS.03.30.090	Form/Rebar/Pour Surface Level Deck	30	16-Jan-15 A	15-Jul-15	649	Form/Rebar/Pour Surface Level Deck																									
CTS.33.31.300V	CTS_Backfill & Complete Permanent Sewer Work In Washington St.	5	02-Mar-15 A	12-Jul-15	1998	CTS_Backfill & Complete Permanent Sewer Work In Washington St.																									
C3.745	CTS_SU Drill & Install Dewatering Wells - In Stockton St - 24 ea	23	02-Mar-15 A	16-Jul-15	1372	CTS_SU Drill & Install Dewatering Wells - In Stockton St - 24 ea																									
CTS.03.30.093	Form/Rebar Surface Level Deck - Pour #2	9	20-Mar-15 A	27-Jul-15	1352	Form/Rebar Surface Level Deck - Pour #2																									
CTS.03.30.100	Cure & Strip Falsework for Surface Level Deck - Pour #1	12	27-Mar-15 A	30-Jul-15	1343	Cure & Strip Falsework for Surface Level Deck - Pour #1																									
CTS.03.30.094	Form/Rebar Surface Level Deck - Pour #3	10	27-Mar-15 A	28-Jul-15	1352	Form/Rebar Surface Level Deck - Pour #3																									
CTS.31.20.130	Excavate for Temp Level 1 Struts	14	25-Jun-15 A	08-Jul-15	1323	Excavate for Temp Level 1 Struts																									
C3.745V	CTS_SU Drill & Install Dewatering Wells - In Stockton St - 24 ea	34	29-Jun-15 A	01-Aug-15	1978	CTS_SU Drill & Install Dewatering Wells - In Stockton St - 24 ea																									
CTS0020	CTS Tunnel Interface Finish Cross Passages 1 & 2 (Req'd Sept 9, 2014)	0		30-Jun-15	22	CTS Tunnel Interface Finish Cross Passages 1 & 2 (Req'd Sept 9, 2014)																									
CTS.31.50.870	Mobilize & Assemble Deck Level Crane	3	30-Jun-15*	02-Jul-15	1924	Mobilize & Assemble Deck Level Crane																									
CTS1050	CTS SEM & Install Supports	406	30-Jun-15	28-Feb-17	0	CTS SEM & Install Supports																									
CTS.31.50.140	Install Temp Level 1 Struts & Wales & Preload	10	01-Jul-15	15-Jul-15	1323	Install Temp Level 1 Struts & Wales & Preload																									
MPS-CTS.03.30.092	Install Base Support For Surface Level Deck Falsework	5	16-Jul-15	22-Jul-15	1368	Install Base Support For Surface Level Deck Falsework																									
CTS.31.20.110	Excavate for Compensation Grout Tubes	6	16-Jul-15	23-Jul-15	1323	Excavate for Compensation Grout Tubes																									
CTS.32.13.270	Re-open Washington Street	1	24-Jul-15	24-Jul-15	1986	Re-open Washington Street																									
CTS.31.43.120	CTS_Install Compensation Grout Tubes & Pretreat - South Of Washington St	16	24-Jul-15	14-Aug-15	1323	CTS_Install Compensation Grout Tubes & Pretreat - South Of Washington St																									
CTS.03.30.098	Place Concrete Surface Level Deck - Pour #2	1	27-Jul-15	28-Jul-15	1352	Place Concrete Surface Level Deck - Pour #2																									
CTS.03.30.101	Cure & Strip Falsework for Surface Level Deck - Pour #2	12	28-Jul-15	13-Aug-15	1353	Cure & Strip Falsework for Surface Level Deck - Pour #2																									
CTS.03.30.099	Place Concrete Surface Level Deck - Pour #3	1	28-Jul-15	29-Jul-15	1352	Place Concrete Surface Level Deck - Pour #3																									
CTS.03.30.102	Cure & Strip Falsework for Surface Level Deck - Pour #3	12	29-Jul-15	14-Aug-15	1352	Cure & Strip Falsework for Surface Level Deck - Pour #3																									
CTS.33.31.300	CTS_Backfill & Complete Permanent Sewer Work In Washington St.	5	30-Jul-15	06-Aug-15	1343	CTS_Backfill & Complete Permanent Sewer Work In Washington St.																									
CTS.31.23.240	Complete Backfill Deck @ Washington Street	5	06-Aug-15	13-Aug-15	1353	Complete Backfill Deck @ Washington Street																									

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015-2021																											
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
CTS.33.31.280	Install Sewer System Slip Lining - Washington/Stockton	15	06-Aug-15	27-Aug-15	1343																												
CTS.31.43.130	CTS_Install Compensation Grout Tubes & Pretreat - North Of Washington St	15	14-Aug-15	28-Aug-15	1923																												
CTS.31.20.150	Excavate for Temp Level 2 Struts +/- 6.5kcy	29	21-Aug-15	18-Sep-15	1923																												
CTS.31.50.160	Install Temp Level 2 Struts & Wales & Preload	14	12-Sep-15	25-Sep-15	1923																												
CTS1080	CTS Headhouse Structural Concrete / Remove Bracing	60	14-Dec-16	21-Mar-17	0																												
CTS1100	CTS Install M/E/P	145	22-Mar-17	16-Oct-17	0																												
CTS1110	CTS Headhouse Architectural	180	22-Mar-17	06-Dec-17	23																												
MPS-MOB-CTS04	CTS Mobilization Payment #4	1	22-Sep-17*	22-Sep-17	142																												
CTS1120	CTS Start Up & Testing	96	17-Oct-17	10-Feb-18	0																												
CTS0030	CTS P-1254R Commissioning Completion	0		10-Feb-18	0																												
MPS-MOB-CTS05	CTS Mobilization Payment #5	1	11-May-18*	11-May-18	139																												
Construction YBM Station P-1255		1653	01-Oct-13 A	11-May-18	964																												
YBM1020	YBM Install Slurry Walls & Roof/Restore Street	360	01-Oct-13 A	30-Jun-15	11																												
MPS-YBM.02.41.205	Utility Demolition	267	02-Dec-13 A	19-Aug-15	624																												
BID-170C	YBM - All Locations	1289	21-Jul-14 A	30-Jun-15	2011																												
MPS-YBM.03.30.810	Excavate Headhouse to Temp Strut Level 1 & Install Struts	20	27-Jan-15 A	30-Jun-15	1383																												
YBM.03.30.850	FRP OCS Pole Foundations (4 locations)- West Half Roof Slab	5	04-Mar-15 A	02-Sep-15	1338																												
YBM.03.30.1640	Form/Rebar Pour West Half Roof Slab Pour 6	4	23-Mar-15 A	06-Jul-15	1380																												
YBM.33.11.740	FRP Concrete Support for AWSS work- West Half Roof Slab	10	24-Mar-15 A	08-Jul-15	1368																												
YBM.03.30.850V	FRP OCS Pole Foundations (4 locations)- West Half Roof Slab	5	24-Mar-15 A	02-Sep-15	1316																												
YBM.31.50.159	Waterproofing & 48Hr Test & Grout Protection Slab - Clementina	11	29-Apr-15 A	08-Jul-15	-54																												
YBM.26.05.0840	Install Electrical Conduit- West Half Roof Slab	10	29-Apr-15 A	13-Aug-15	1336																												
YBM.33.11.820	Install Water Lines (20", 12", 8")/Test- West Half Roof Slab	10	08-May-15 A	20-Jul-15	-89																												
YBM.31.20.280	Excavate/ Remove existing Utilities East Side Roof Slab	7	20-May-15 A	30-Jun-15	1342																												
YBM.33.11.760	Form/Rebar Pour East Half Roof Slab Pour 2	5	21-May-15 A	06-Jul-15	1378																												
YBM.33.11.770	Form/Rebar Pour East Half Roof Slab Pour 3	5	21-May-15 A	06-Jul-15	1378																												
YBM.33.11.810	Form/Rebar Pour East Half Roof Slab Pour 1	5	21-May-15 A	06-Jul-15	1376																												
YBM.33.11.780	Form/Rebar Pour East Half Roof Slab Pour 4	5	27-May-15 A	06-Jul-15	1373																												
YBM.07.14.790	Waterproofing/ Test @ East Half Roof Slab	15	12-Jun-15 A	07-Jul-15	1376																												
YBM.03.30.830	2" Protective Concrete Pour/ Cure East Half Roof Slab	3	15-Jun-15 A	08-Jul-15	1376																												
YBM.03.30.1680	Form/Rebar Pour East Half Roof Slab Pour 5	7	30-Jun-15	06-Jul-15	2004																												
YBM.31.20.610	Install Temp deck @ Headhouse	31	30-Jun-15	30-Jul-15	1921																												
YBM1040	YBM Tunnel Interface Finish Cross Passages 1-5 (Req'd Feb 26, 2015)	0		30-Jun-15	326																												
YBM1050	YBM Excavate, Install Temp Struts & Construct Slabs to Station Platform	213	01-Jul-15	05-May-16	11																												
YBM.33.11.800	Form/Rebar Pour East Half Roof Slab Pour 6	5	07-Jul-15	13-Jul-15	1373																												
YBM.31.50.169	Install Utilities Over Roof Deck - Clementina	5	09-Jul-15	14-Jul-15	-54																												
YBM.31.50.109	Shore Existing Tunnels	10	09-Jul-15*	22-Jul-15	1368																												
YBM.33.11.750	Auxiliary Water Supply system (AWSS) work/ Test- West Half Roof Slab	10	09-Jul-15*	22-Jul-15	1368																												
YBM.26.05.0850	Install Electrical Conduit- West Half Roof Slab	10	21-Jul-15	30-Jul-15	-89																												
YBM.31.11.255	Place 12" Concrete Base/ AC- West Half Roof Slab	10	31-Jul-15	11-Aug-15	-89																												
YBM.31.20.370	Excavate Station & Headhouse to Temp Strut Level 2	29	31-Jul-15	10-Sep-15	1321																												
YBM.31.50.119	Shore Existing Tunnels	10	12-Aug-15	21-Aug-15	-89																												
YBM.31.20.590	Station & Headhouse Install Level 2 Struts	5	27-Aug-15	02-Sep-15	1336																												
YBM.03.30.980	Prep & Place Mud Slab Mezz Level, Station	5	11-Sep-15	17-Sep-15	1316																												
YBM.31.20.400	Excavate Station to Top of Mezzanine Level Slab	10	11-Sep-15	24-Sep-15	1321																												
YBM.03.30.401	F/R/P Station Mezz Level Slab, Station Pour 1	10	18-Sep-15	01-Oct-15	1316																												
YBM1060	YBM Install Concrete, Remove Temp Struts, & Waterproof	165	06-May-16	30-Dec-16	26																												
YBM1080	YBM Install M/E/P	105	28-Sep-16	28-Feb-17	102																												
YBM1100	YBM Architectural Finishes	220	03-Jan-17	10-Nov-17	26																												
YBM1110	YBM Start-up & Testing	90	25-Aug-17	04-Jan-18	26																												

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016				2017				2018				2019				2020				2021			
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4									
STS.26.05.2690	STS_Install: OCS System - Install OCS Poles In Townsend Street To 5th Stree	4	17-Sep-15	20-Sep-15	1928													STS_Install: OCS System - Install OCS Poles In Townsend Street To 5th Stree																							
STS1030	STS Tunnel Portal Completion Interface (Req'd Sept 24, 2015)	0	24-Sep-15	24-Sep-15	112													STS Tunnel Portal Completion Interface (Req'd Sept 24, 2015)																							
STS1220	STS_Install: Utilities: Gas Distribution 4" Main/Casing - 4th St @ Bryant Interse	5	28-Sep-15	02-Oct-15	1315													STS_Install: Utilities: Gas Distribution 4" Main/Casing - 4th St @ Bryant Interse																							
STS1040	STS TUN Initial Electrical & ATSC work	90	07-Jan-16	12-May-16	6													STS TUN Initial Electrical & ATSC work																							
STS1020	STS Construct Surface Station (4th and Brannan)	230	07-Jan-16	01-Dec-16	6													STS Construct Surface Station (4th and Brannan)																							
STS1050	STS TUN Remaining Electrical & ATSC work	322	13-May-16	21-Aug-17	6													STS TUN Remaining Electrical & ATSC work																							
STS1060	STS TUN F/R/P Invert & Walkways	95	05-Oct-16	21-Feb-17	23													STS TUN F/R/P Invert & Walkways																							
STS1070	STS TUN Track Installation	110	22-Feb-17	27-Jul-17	23													STS TUN Track Installation																							
STS1080	STS TUN Install OCS Contact Wire/RF/ATCS Cable Loop	40	22-Aug-17	17-Oct-17	6													STS TUN Install OCS Contact Wire/RF/ATCS Cable Loop																							
MPS-MOB-STS04	SYS Mobilization Payment #4	1	22-Sep-17*	22-Sep-17	142													SYS Mobilization Payment #4																							
STS1090	STS Startup & Testing- Tunnel & ATSC Systems	88	26-Oct-17	10-Feb-18	0													STS Startup & Testing- Tunnel & ATSC Systems																							
STS0030	STS Substantial Completion	0		10-Feb-18	1													STS Substantial Completion																							
MPS-MOB-STS05	SYS Mobilization Payment #5	1	11-May-18*	11-May-18	139													SYS Mobilization Payment #5																							
UMS-1253 Contract Modification		0	28-Feb-15 A	30-Jun-15	2011																																				
CN1300-CM-006	CMOD #6	0	28-Feb-15 A	30-Jun-15	2011													CMOD #6																							
CN1300-CM-007	CMOD #7	0	28-Feb-15 A	30-Jun-15	2011													CMOD #7																							
Project Start Up		175	16-Apr-18	26-Dec-18	0																																				
STU1010	S&S Certification / Pre-Revenue Activities	115	16-Apr-18	27-Sep-18	0													S&S Certification / Pre-Revenue Activities																							
BUF0018	Muni Float	60	28-Sep-18	26-Dec-18	0													Muni Float																							
Unallocated Contingency		219	12-Feb-18	26-Dec-18	0																																				
CO1.700	Cost Activity Unallocated Contingency (LOE) - 1.7.500.99.090.00 - Contingency	219	12-Feb-18	26-Dec-18	0													Cost Activity Unallocated Contingency (LOE) - 1.7.500.99.090.00																							
Project Management		505	27-Dec-18	30-Dec-20	0																																				
CO1.840	Program Closeout	120	27-Dec-18	18-Jun-19	385													Program Closeout																							
STU1040	After Study	505	27-Dec-18	30-Dec-20	0													After Study																							

Appendix C

PROJECT SCOPE AND FUNDING OVERVIEW

Project Overview

The Central Subway Project will construct a modern, efficient light-rail line that will improve public transit in San Francisco. This new 1.7-mile extension of Muni's T Third Line will provide direct connections to major retail, sporting and cultural venues while efficiently transporting people to jobs, educational opportunities and other amenities throughout the city.

The Central Subway Project is Phase 2 of the San Francisco Municipal Transportation Agency's (SFMTA) Third Street Light Rail Transit Project. Phase 1 of the project constructed a 5.1-mile light-rail line along the densely populated 3rd Street corridor. It began revenue service in April 2007, restoring light-rail service to a high transit-ridership area of San Francisco for the first time in 50 years.

The Central Subway Project will extend the T Third Line from the 4th Street Caltrain Station to Chinatown, providing a direct, rapid transit link from the Bayshore and Mission Bay areas to SoMa, Union Square and downtown.

Four new stations will be built along the 1.7-mile project alignment—an above-ground station at 4th and Brannan streets and three underground stations at Moscone Center, Union Square and Chinatown.

The Central Subway will run through the burgeoning technology and digital-media hub in SoMa, where dozens of companies have taken up residence along the 4th Street corridor. Increased



Project Overview - continued

transit options will attract new employers – the Central Subway makes travel more convenient throughout the corridor and improves connections to downtown, local and regional rail and the Muni bus system.

The Central Subway Project will contribute to San Francisco’s economic competitiveness and help secure the city’s status of a regional, national and global hub. It will provide a pollution-free transit option that will reduce the environmental impact of transportation in the city, save natural resources, reduce traffic congestion and improve public transit for thousands of San Franciscans.

Funding Overview

The Central Subway Project is funded by the federal government, the State of California, the Metropolitan Transportation Commission, the San Francisco County Transportation Authority (SFCTA) and the City and County of San Francisco.

The majority of funding for the Central Subway Project is expected to be provided by the Federal Transit Administration’s (FTA) New Starts program, with a total commitment over the life of the project of \$942.2 million. To date, \$41 million in Department of Transportation Congestion Mitigation and Air Quality Improvement Program funds have been committed and expended.

With the addition in the December 2013 MPR of work to relocate the retrieval site for two tunnel boring machines (TBMs), the SFMTA’s baseline budget for the Central Subway Project is \$1.588 billion. In total, about half of the Third Street Light Rail Transit Project’s funding is from federal sources, with the remaining half from state and local sources. This is in line with the expectations of the FTA for New Starts-financed programs.

The table below summarizes the local, state and federal fund sources for both phases of the T Third Line including with the addition of the retrieval shaft to the Phase 2 totals.

	T Third (Phase 1)	Central Subway (Phase 2 + Retrieval Shaft Relocation)	Total (Phase 1 + Phase 2 + Retrieval Shaft Relocation)	Percentage of Total
Federal	\$123.380	\$983.225	\$1,106.605	49.5%
State	\$160.700	\$471.100	\$631.800	28.2%
Local	\$364.380	\$133.675	\$498.055	22.3%
Total	\$648.460	\$1,588.000	\$2,236.460	100.0%

All amounts in millions of dollars

The six charts that follow summarize use of fund sources by phase and with the addition of the retrieval shaft relocation additional budget and funding:

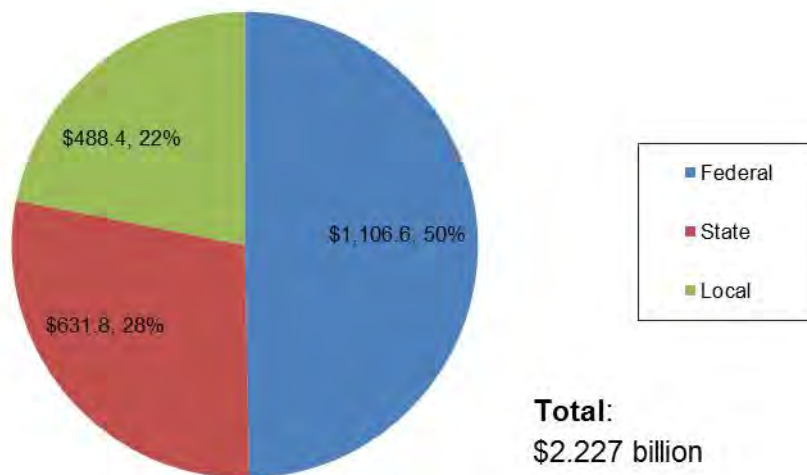
- Phase 1 + Phase 2 of the T Third Line federal, state and local funding percentages previous to the addition of the retrieval shaft relocation budget and funding in December 2013.

Funding Overview - continued

- Phase 2 Central Subway Project only total funding source percentages previous to the addition of the retrieval shaft relocation budget and funding.
- Phase 2 Central Subway Project only detail of the six State and Local funding sources previous to the addition of the retrieval shaft relocation.
- The next three charts that follow are the above three data sets above with the retrieval shaft relocation budget and funding added to the overall presentation.

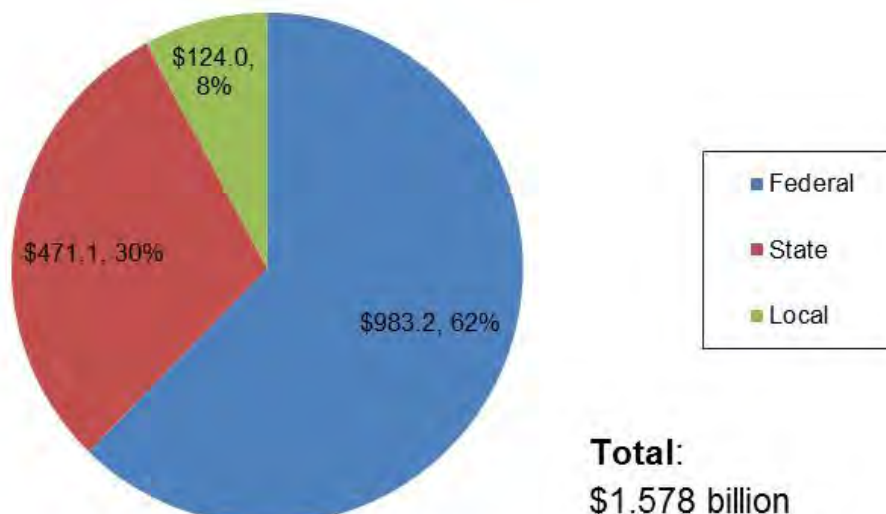
Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2
(\$ in millions)



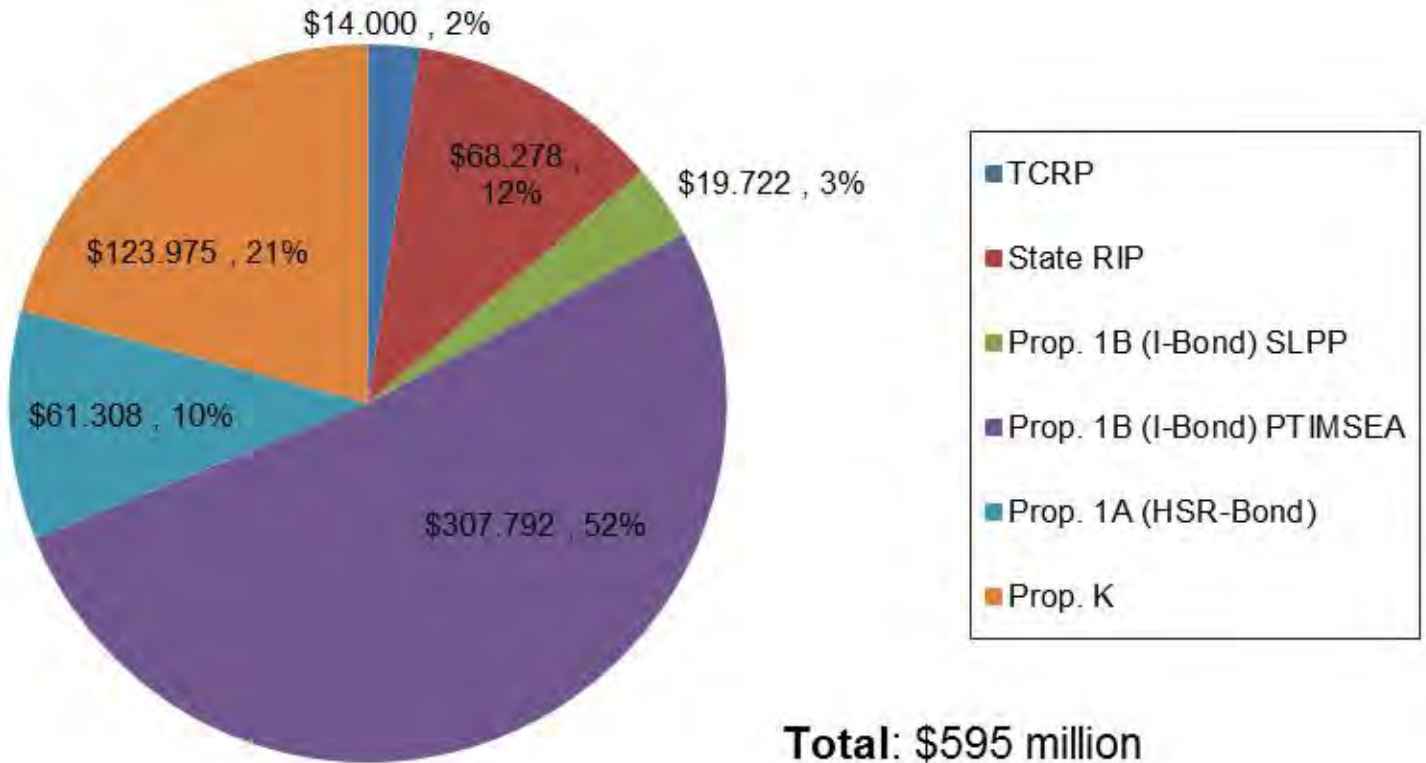
Central Subway Project Funding

Phase 2
(\$ in millions)



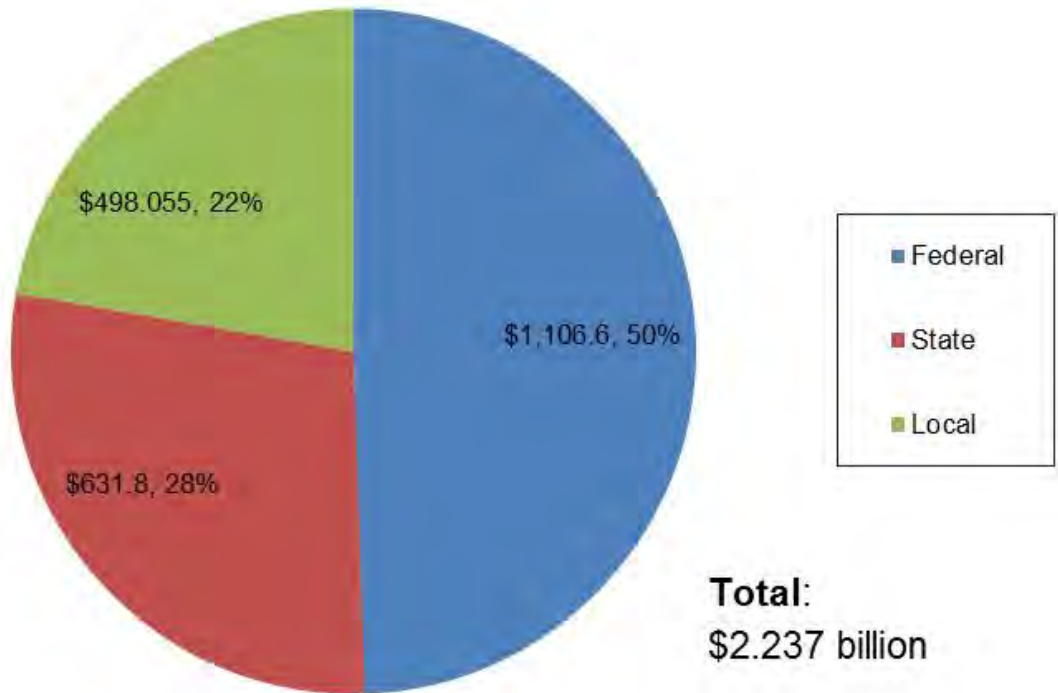
State and Local Funding

Phase 2
(\$ in millions)



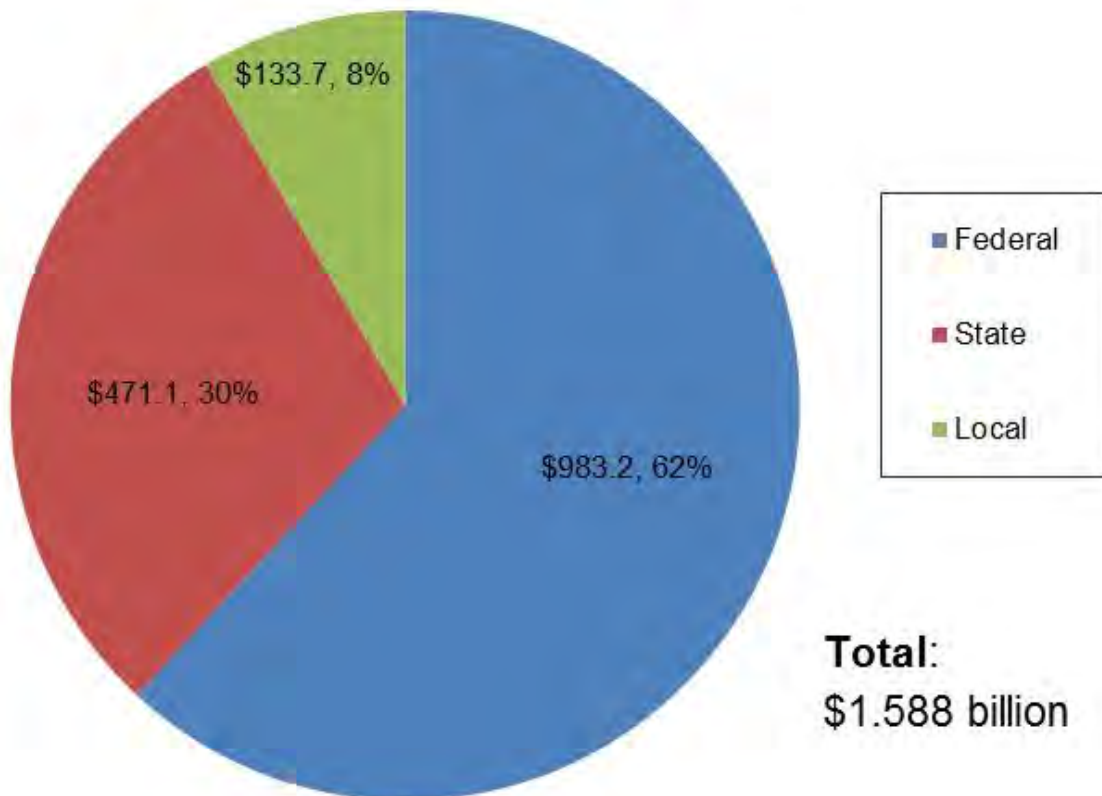
Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2 + Retrieval Shaft Relocation
(\$ in millions)

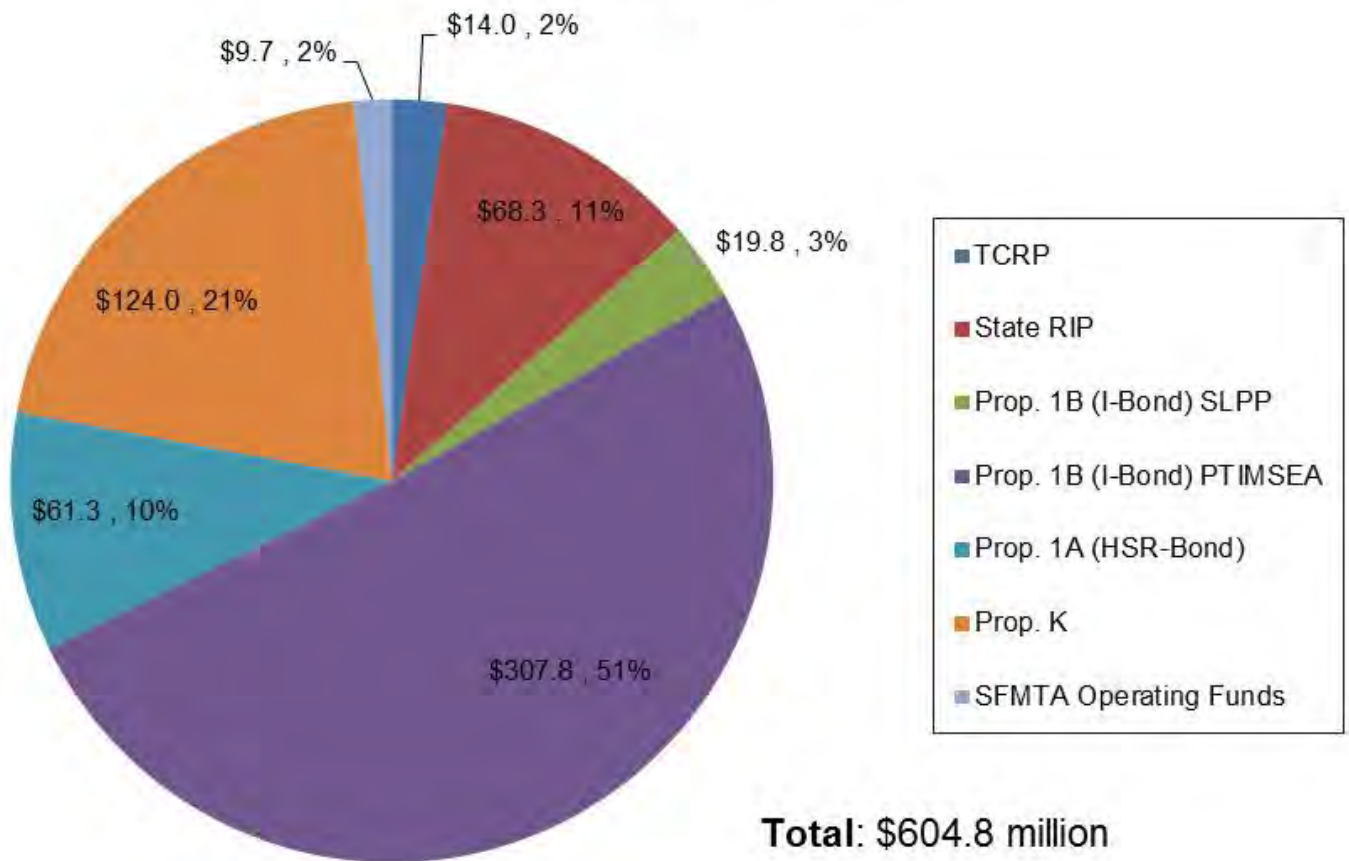


Central Subway Project Funding

Phase 2 + Retrieval Shaft Relocation
(\$ in millions)



State and Local Funding Phase 2 + Retrieval Shaft Relocation (\$ in millions)



Appendix D

COMPLETED CONTRACTS

Moscone Station and Portal Utility Relocation

Contract 1250

Contractor: Synergy Project Management, Inc.

Budget/Expenditures

Category	Amount
Original Budget	\$11,227,316
Expenditures Final	\$11,968,150
Utility Reimbursements	(\$2,275,419)
Final Program Cost	\$9,692,731
Budget Impact (Underrun)	(\$1,534,585)

Contract Details

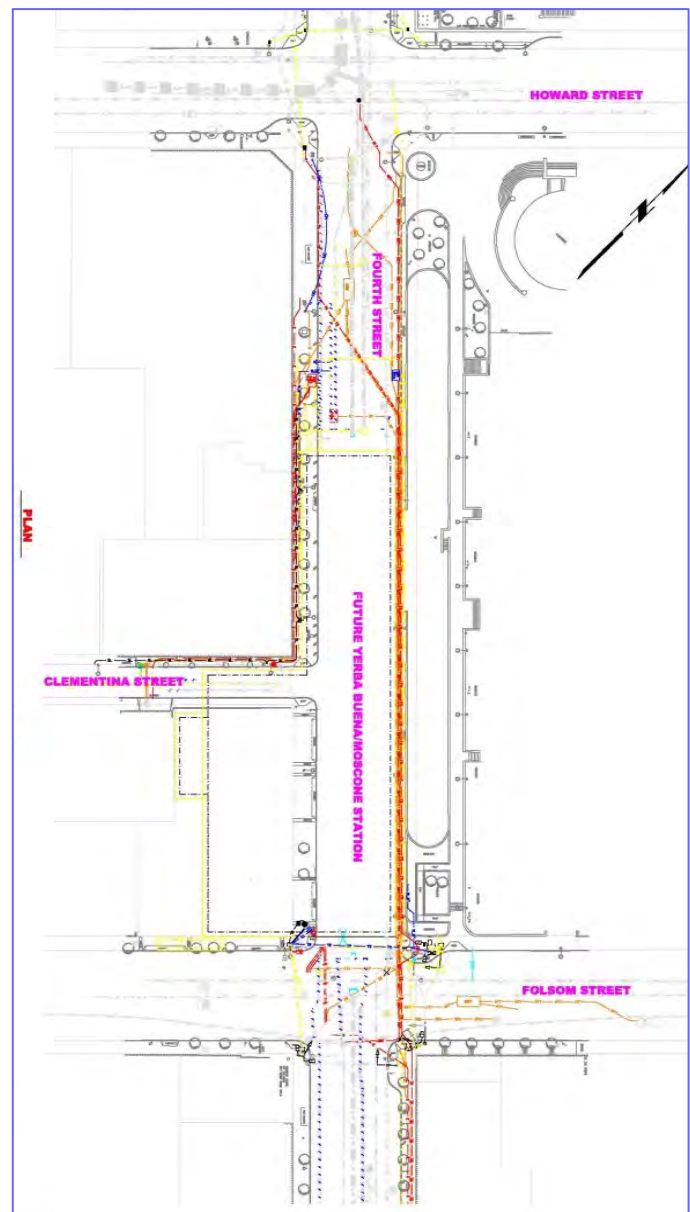
Contract Awarded:	November 17, 2009
Notice to Proceed:	January 4, 2010
Substantial Completion:	June 23, 2011
Contract Award Value:	\$ 9,273,939
Modifications Final :	\$ 2,694,211
Final Contract Value:	\$11,968,150

Status

- Work complete
- Project closeout administration and documentation
- Final Completion Date: June 23, 2011

Description

This project relocates utilities within the footprint of the proposed Yerba Buena/Moscone Station and the 4th Street Portal where the tunnel boring machines will descend underground. Also included is installation of building protections and monitoring of buildings adjacent to utility trenches.



Union Square/Market Street Station Utility Relocation

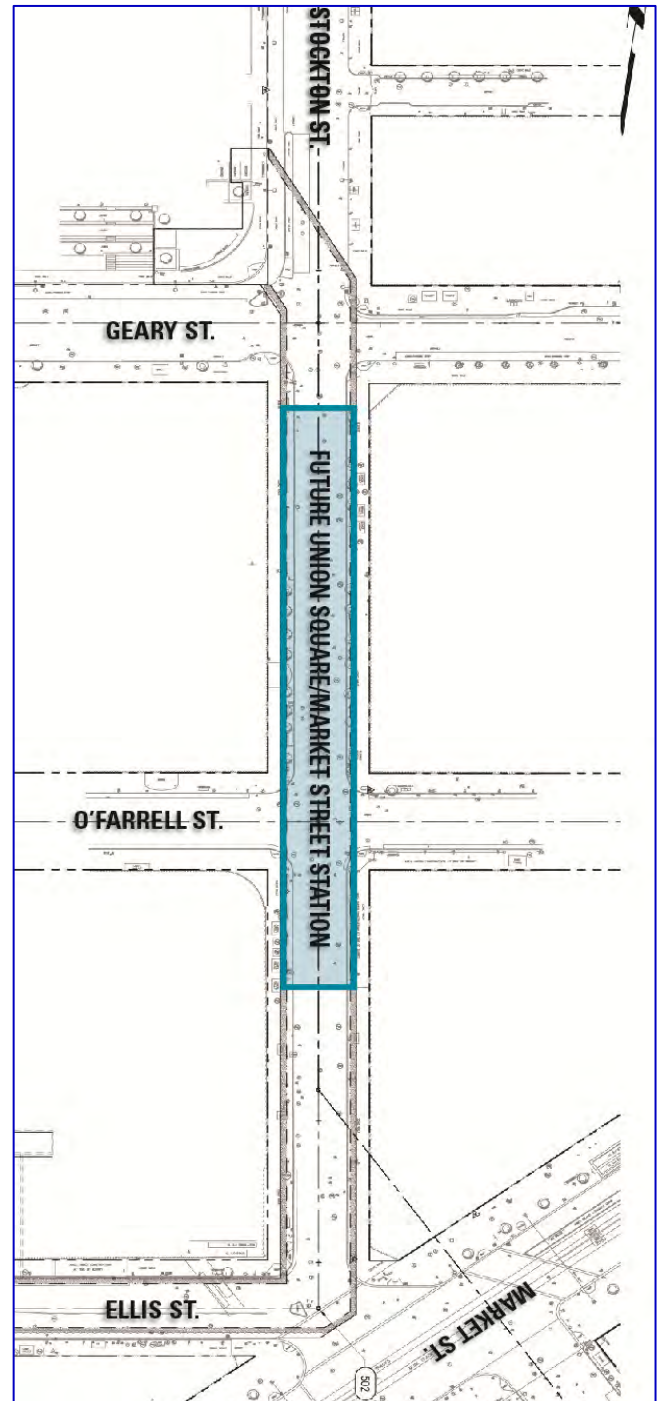
Contract 1251

Contractor: Synergy Project Management, Inc.

Budget/Expenditures	
Category	Amount
Original Budget	\$22,199,847
Expenditures Final	\$20,794,581
Utility Reimbursements	(7,413,510)
Final Program Costs	\$13,176,169
Budget Impact (Underrun)	(\$9,023,678)

Description

This project relocates utilities for the Union Square/Market Street Station and temporarily reroutes existing trolley coach lines around the construction.



Contract Details	
Contract Awarded:	December 7, 2010
Notice to Proceed:	January 12, 2011
Substantial Completion:	August 16, 2012
Contract Award Value:	\$16,832,550
Modifications Final:	\$3,962,031
Final Contract Value:	\$20,794,581

Status

- Final completion date October 15, 2012.
- Completed punch list work
- Project Final Acceptance by the SFMTA Board of Directors

Central Subway Pagoda Palace Demolition

Contract 1277 Contractor: MH Construction

Work Description

Demolish and clear the former Pagoda Theater for use the site to recover the tunnel boring machines when tunnels are completed in 2015. Locate and supply contractor facilities and installations. Obtain permits and approvals and coordinate work with City agencies and utility companies. Furnish and install signs and distribute notices to the local community prior to commencing with construction, cleanup and remove of debris from the site.

- Work was substantially completed Sept. 24, 2013.
- Administrative closeout in progress.

Contract Details	
Contract Awarded:	June 12, 2013
Notice to Proceed:	July 15, 2013
Substantial Completion:	Sept. 24, 2013
Contract Award Value:	\$498,995
Modifications to Date:	\$108,228
Current Contract Value:	\$678,134

Budget/Expenditures	
Category	Amount
Current Budget	\$722,592
Expenditures to Date	\$638,278



Appendix E

SBE PARTICIPATION

Quarterly Report

Current Report: April 2015 - June 2015

PROGRAM SUPPORT CONTRACTS – SBE PARTICIPATION

Appendix E presents the Central Subway Program Small Business Enterprise or SBE goals and the actual SBE participation achieved to date – as of June 30, 2015.¹

CS Program SBE Summary Table for Professional Services and Construction Contracts

The summary compares the dollar value of the Base Contracts, the SBE Contract Goals, the percent and dollar value expended to date and the SBE actual participation to date.

Contract No.	Contractor	Services/Segment	A	B	C	D	E	F	G	
			Contract Amount	SFMTA SBE Contract Goal	Contract Expenditure to Date (Est.)	SBE Actual to Date	SBE Contract \$ = A * B	SBE Amount to Date = C * D	Contractor's SBE Goal (in Bid)	
A Project Professional Services Contracts			<i>millions</i>		<i>millions</i>		<i>millions</i>		<i>millions</i>	
1	149	CS Partnership	Project Management	\$85.14	30%	\$49.74	36%	\$25.54	\$17.81	31.4%
2	156	Hill International	Project Controls Task 1	\$17.11	26%	\$8.11	29%	\$4.45	\$2.34	26.0%
3	155-1	PB Telemon	Tunnels Design	\$7.49	30%	\$7.72	30%	\$2.25	\$2.30	31.6%
4	155-2	CS Design Group	Stations Design	\$36.52	30%	\$28.85	43%	\$10.96	\$12.40	36.4%
5	155-3	HNTB, Inc.- B&C	Systems, Track & Surface Station Design	\$17.23	30%	\$12.20	29%	\$5.17	\$3.49	30.0%
Subtotal Professional Services				\$163.50		\$106.61		\$48.36	\$38.34	
B Project Construction Contracts			<i>millions</i>		<i>millions</i>		<i>millions</i>		<i>millions</i>	
1	1250	Synergy Inc	Utility Relocation 1	\$11.97	20%	\$11.97	97.2%	\$2.39	\$11.63	96.4%
2	1251	Synergy Inc	Utility Relocation 2	\$20.79	20%	\$20.79	87.4%	\$4.16	\$18.18	94.9%
3	1252	BIH	Tunnels and Portal - in Construction	\$241.29	6%	234.62	5.8%	\$14.48	\$13.71	6.1%
4	1277	MH Construction	Pagoda Demolition	\$0.68	100%	\$0.64	100.0%	\$0.68	\$0.64	100.0%
5	1300	Tutor-Perini	Stations/Track/Systems - in Construction	\$838.24	20%	\$269.20	11.8%	\$167.65	\$31.69	25.5%
Subtotal Construction Contracts				\$1,112.98		\$537.22		\$189.36	\$75.85	
Contract	Contractor	Services/Segment	Base Contract	SFMTA Goal	Expenditures	SBE Actual	= A * B	= C * D	Bid Goal	
			A	B	C	D	E	F	G	

SBE Summary Table Notes and Sources:

- a) Column A is the base contract amount awarded. Column B is the Agency SBE goal percent for each contract awarded.

The SFMTA SBE Contract Goals are also on the Central Subway web site under the listing of on-going contracts – see “**Closed and Awarded Contracts**” at this link: <http://centralsubwaysf.com/content/closed-and-awarded-contracts>

- b) Column C shows each contract’s current amount expended to date (estimated) including accruals. Column D is the actual SBE percent level of each contract based on payments to date. Column E is the expected SBE dollar amount when the contract amount is completed and the SFMTA SBE goal achieved using this calculation: Columns A * B = Column E, the SBE Expected \$ Amount.

Column F is the actual SBE dollar amount out of the total contract expenditure to date: Columns C * D = Column F, the SBE Expended \$ Amount.

The source of the SBE Actual percent to date and dollar amounts are Progress Payment Applications and Contractor’s monthly submittals that may include the current estimated accruals. The BIH SBE percent is from the contractor’s progress payment #37, Form 6.

¹ An SBE is a for-profit, small business concern with a three (3) year average gross revenue not exceeding \$14 million or \$12 million, depending on the scope of work to be performed, that is certified under any of the following programs: the State of California’s Small Business Program with the Department of General Services (“State Program”), the City and County of San Francisco’s LBE Program (“City Program”), or the California Unified Certification Program (“Federal DBE program”).

- c) Column G, the Contractor's SBE Goal in the submitted bid, is background information that is not calculated in the table. The table source of the Contractor's SBE Goals is from the SFMTA Contract Compliance Office. A Contractor's SBE goal in the bid is one source used by SFMTA Contract Compliance to assess and propose the Agency's SBE goal for a contract.
- d) The three constructions contracts shown in **bold type, 1250, 1251 and 1277**, with gray background, are completed contracts. Little to no changes will be shown in future reports.
- e) The SBE Hill International Actual to Date SBE participation is 28.9% for the overall SFMTA contract. The Hill International data is for the Central Subway Task 1 portion of the Hill International contract to provide SFMTA Project Controls services and systems.
- f) The SBE SFMTA goal for Contract 1300 Tutor-Perini is 20% SBE with a provision of 50% for trucking.
The 1300 Tutor-Perini SBE percent Actual is based on the SBE data provided in Progress Payment #18 June 2015, SFMTA SBE FORM No. 6.
- g) The SBE SFMTA goal for Contract 1277 MH Construction was based on an SBE set-aside.

SBE Participation Details

The two tables that follow present the Central Subway's professional services and construction contract amounts, expenditures and SBE levels with additional details.

Active Professional Services Contracts - SBE Participation Details

Contract:	Project Management and Construction management	
Contract No.	CS-149 Central Subway Partnership	
Status:	On-going	
	Base Contract Value	\$85,139,092
	Approved Change Orders	-0-
	Current Contract Value	\$85,139,092
	Expended to Date (est.)	\$49,735,730
	% Expended	58.4%
	SBE Participation	35.8%

Contract:	Project Controls Cost and Schedule Support	
Contract No.	CS 156 Hill International Task 1	
Status:	On-going	
	Base Contract Value	\$17,112,873
	Approved Change Orders	-0-
	Current Contract Value	\$17,112,873
	Expended to Date (est.) (a)	\$8,105,506
	% Expended	47.4%
	SBE Participation	28.9%

Contract:	Design Package 1 for CNs 1250, 1251 and 1252 Tunnels	
Contract No.	CS-155-1 PB / Telemon	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	\$5,795,000
	Approved Change Orders (6)	\$1,697,245
	Current Contract Value	\$7,492,245
	Expended to Date (est.)	\$7,719,958
	% Expended	103.0%
	SBE Participation	29.8%

Contract:	Design Package 2 for 1253 UMS, 1254 CTS, 1255 YBM Stations.	
Contract No.	CS-155-2 Central Subway Design Group	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	\$35,059,252
	Approved Change Orders (1)	\$1,460,360
	Current Contract Value	\$36,519,612
	Expended to Date (est.)	\$28,847,529
	% Expended	79.0%
	SBE Participation	43.0%

Contract:	DP 3 Systems, Track work, Surface station.	
Contract No.	CS-155-3 HNTB-B&C	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	\$16,822,238
	Approved Change Orders (5)	\$312,814
	Current Contract Value	\$17,232,252
	Expended to Date (est.)	\$12,203,626
	% Expended	70.8%
	SBE Participation	28.6%

Notes:

(a) CS-156 cost for Apr - Jun 2015 is accruals.

Active and Completed Construction Contracts - SBE Participation Details

Contract:	Synergy Inc Utility Relocation 1 YBM & Launch Box	
Contract No.	1250	
Status:	Contract is completed and closed out	
	Base Contract Value	\$9,273,939
	Approved Change Orders	\$2,694,211
	Final Contract Value	\$11,968,150
	% Expended	100%
	SBE SFMTA Goal	20%
	SBE Participation To Date	97.2%

Contract:	Synergy Inc Utility Relocation 2 UMS	
Contract No.	1251	
Status:	Contract is completed and closed out	
	Base Contract Value	\$16,832,550
	Approved Change Orders	3,962,031
	Final Contract Value	\$20,794,581
	% Expended	100%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	87.4%

Contract:	Pagoda Palace Demolition / MH Construction	
Contract No.	1277	
Status:	Construction is complete. Contract in Close Out	
	Base Contract Value	\$498,995
	Approved Change Orders	\$179,139
	Current Contract Value	\$678,134
	Expended to Date (est.)	\$638,278
	% Expended	94.12%
	SBE SFMTA Goal	100.0%
	SBE Participation To Date	100.0%

Contract:	Tunnels Barnard/Impregilo/Haley	
Contract No.	1252*	
Status:	Construction is underway and ongoing	
	Base Contract Value	\$233,584,015
	Approved Change Orders	\$7,707,417
	Current Contract Value	\$241,291,432
	Expended to Date (est.)	\$238,752,006
	% Expended	98.9%
	SBE SFMTA Goal	6.0%
	SBE Participation To Date	5.8%

Contract:	Stations and Systems / Tutor Perini	
Contract No.	1300*	
Status:	Construction is underway and ongoing	
	Base Contract Value	\$839,676,400
	Approved Change Orders	(\$1,432,743)
	Current Contract Value	\$838,243,657
	Expended to Date (est.)	\$242,375,110
	% Expended	28.9%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	11.1%

Notes:

* Contract 1252 and Contract 1300 March cost is accrual.

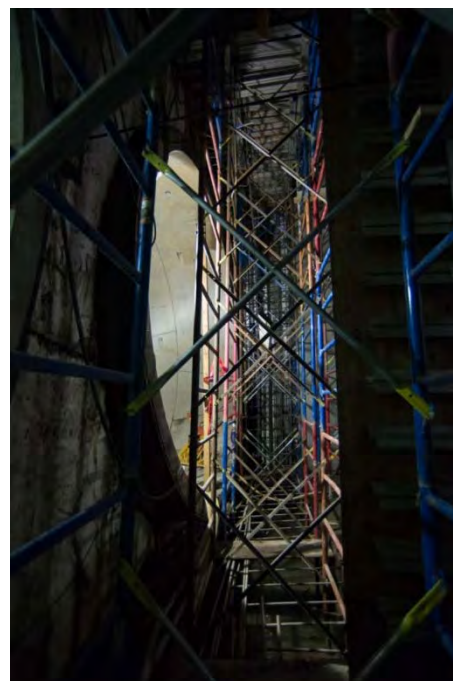
Photos on the next page:

The top three photos recount the special street reconstruction in December that was carried out for the mandatory Holiday Moratorium on construction in the downtown core area. Stockton Street between Market and Union Square was rebuilt to be an urban open space.

The photo at the bottom shows the scaffolding erected to complete the 4th Street transit portal between the surface and subway alignments.

central subway

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