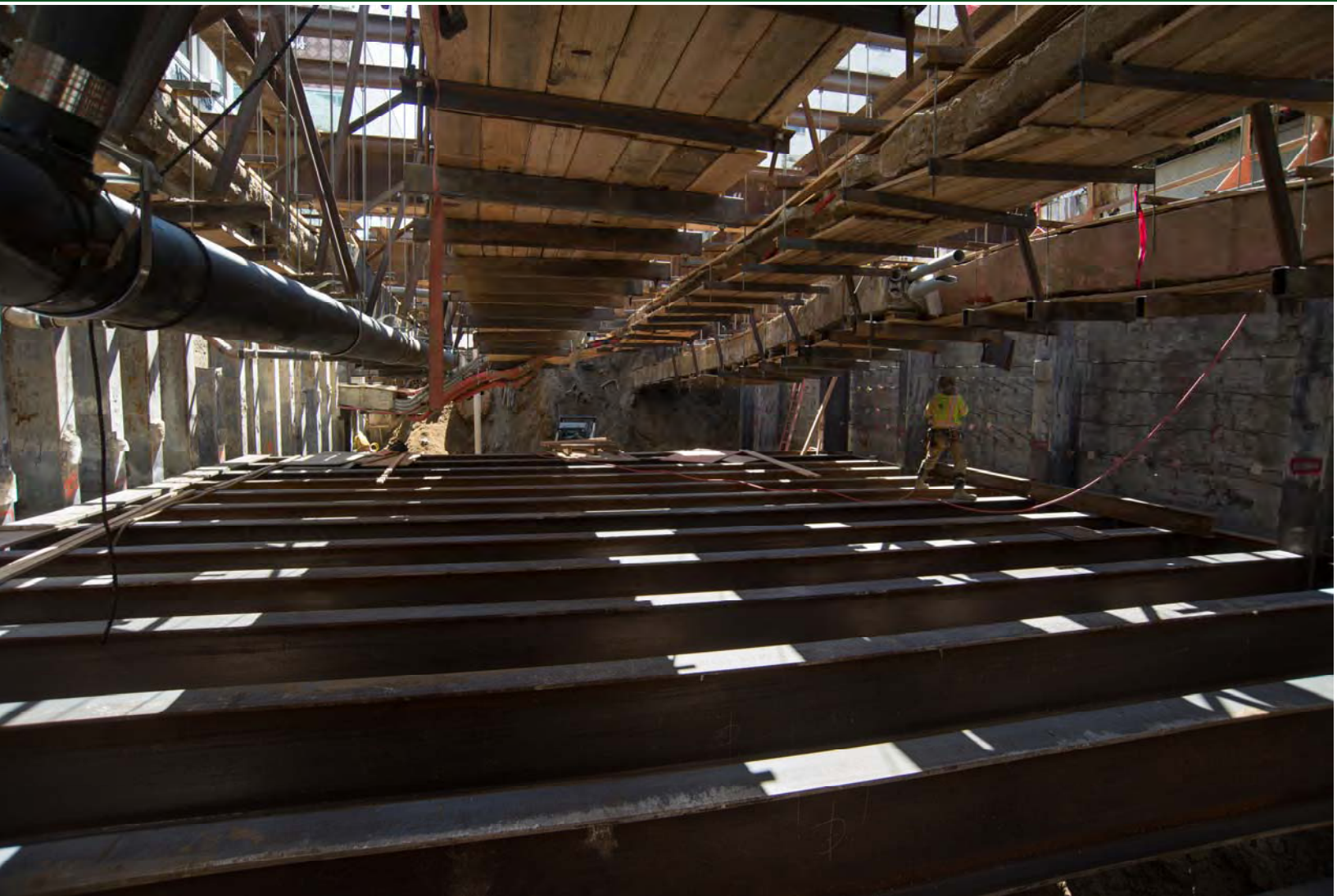


# central subway

## Stations Begin to take Shape

Roof slab, excavation, and foundation work at all sites



## Progress Report

March 2015



**SFMTA**  
Municipal  
Transportation  
Agency

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**Cover photo:** Between Geary and Maiden Lane on Stockton, work to excavate the north concourse of the Union Square/Market Street Station is making progress. Here, workers have suspended active utilities from an overhead lattice of steel I-beams, while constructing the future roof deck of the concourse below. **More photos of this construction can be found on page 37.**

**Above photos:** At the Yerba Buena/Moscone Station site just north of Folsom on 4th Street, a temporary form slab of concrete can be seen being poured, ahead of installing rebar and pouring the final slab. The final slab will become part of the station roof, and will be constructed in sections. Once portions of this slab are finished on the west side of the street, operations will shift to the east side and construct the roof slab there.

**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.centrlsubwaysf.com/>**





*Rebar cages and waterproofing can be seen being installed for the final sections of the west roof slab at the Yerba Buena/Moscone Station site.*

## Executive Summary

Excavation inside the subway station box areas began in earnest. The initial excavations now underway at YBM, UMS and CTS are opening space for installing the concrete roof of the future stations. See cover photos.

**Chinatown Station** - the south slurry walls were prepared for the surface level slab while excavation progressed over two-thirds of the headhouse in preparation for the first surface level slab pour. Form and pour remaining Surface Slab, Pours 3 and 4

**Union Square/Market Street Station** - excavation proceeded to the roof deck level on Stockton Street between Maiden Lane and on Geary Street. Began installing Tiebacks for Union Square Garage demolition. Jet grouting began in March from west side of Stockton Street that will enhance the water proof barriers around the station cavity. Began demolition of Bart Annex on Ellis Street

**Yerba Buena/Moscone Station** - West side slab construction for station box on 4th Street in three segments. Segment 1 (from north headwall to just north of Clementina), topping slab installed, utility installation and backfill in progress; Segment 2 (crossing Clementina) concrete placed, waterproofing and topping slab installation in progress; Segment 3 (to Folsom Street), concrete placed. Completed removal of Class I contaminated soil from former gas station (top ~6' containing lead)

**Surface, Track and Systems** 4th Street station platform, 45 of 45 cast-in-place drilled piles were completed to support the 4th/Brannan St. Station platform, an increase in 3 over last month. Completed AT&T ductbank installation and continue Muni ductbank installation.

**Tunnel** - Completed cleaning and patching all the cross passages and tunnels. 4th St Street between Harrison and Bryant St. paved. Complete installation and testing of seismic expansion joint.

Total project costs to date are \$772.37 million, an increase of \$9.92 million over last month. The total cost to date equals 48.94% 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 Tunnel and 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 pages 30 and 31.



# Key Milestones

## Excavation of the south concourse at Union Square/Market St. Part 1



1 Pavement is removed, and ground-reinforcing steel sheet piles are installed



2 Soil is excavated, revealing former Ellis entrance to Powell BART/Muni station

MILESTONE	DATE EXPECTED
<b>General</b>	
Revenue Service	December 2018
<b>Contract 1252 Tunnels</b>	
Substantial Completion	April 15, 2015
<b>Contract 1300 Stations, Surface, Track, Systems</b>	
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 suspend active utilities from I-beams and demolish entrance

# 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) and is the basis of the total project cost as listed in Report 7.1 Program Project Budget. This capital cost projection incorporates allocated and unallocated contingencies to cover the various risks associated with completion of the project.

Total net incurred costs for the project are \$772.37 million, an \$9.92 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$732.78 million) plus the utilities joint trench Form B Reimbursement payment (\$10.03 million), invoices currently being processed (\$17.59 million) and estimates of outstanding pay requests (\$11.97 million). This incurred amount equals 48.94% 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 March the Earned Value Analysis below reports the Planned Value, Earned Value, Percent Complete and resulting indexes as follows.

Overall Budgeted Cost:	\$ 1,578,300,000
Planned Value:	\$ 837,667,203
Earned Value:	\$ 770,146,487
Actual Cost:	\$ 772,374,775
Schedule Performance Index (SPI):	0.92
Cost Performance Index (CPI):	1.00
% Complete:	48.65%

Over all, the program is 48.65% complete, on schedule (with an SPI of 0.92) and on budget (CPI 1.00). The Earned Value Cash Flow is shown in Report 7.2 below.



## Schedule Highlights (See Appendix B for Details)

The Master Project Schedule (MPS) below includes progress through March 31, 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 third Schedule Update (thru February 2015), indicating the same 6 month late finish as shown in the January 2015 and December 2014 update. All updates have been rejected and require resubmission. 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 critical path shows the construction of the Tunnel Portal Structure followed by demobilization and punch list activities. The Portal Structure activities on the critical path are expected to complete on time. Contract Closeout and restoration activities are ongoing to complete the remaining work by Final Completion.



*This sidewalk south of Bryant has now been restored, following the installation of a new AT&T duct bank.*

## Schedule Highlights - Continued

Contract Milestones	Required Finish	MAR 2015 Finish	FEB 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:

- Completed cleaning and patching all the cross passages and tunnels.
- Complete installation and testing of seismic expansion joint.
- Complete remaining construction in the Portal Structure.
- Paved between Harrison and Bryant.
- Continue restoration at 4th and Jessie.

### 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 mater 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 CN-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-1253 UMS performed the following work this month:

- Excavated to roof level between Maiden Lane and Geary Street
- Pile Status to date: Completed all piles
- Began demolition of Bart Annex on Ellis Street
- Continued Jet Grout Test Program on West Side of Stockton Street.
- Began installing Tiebacks for Union Square Garage demolition

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

- Excavated 2/3rds headhouse for Surface Level Slab Pour #1
- Prep south slurry walls for Surface Level Slab



## Schedule Highlights - Continued

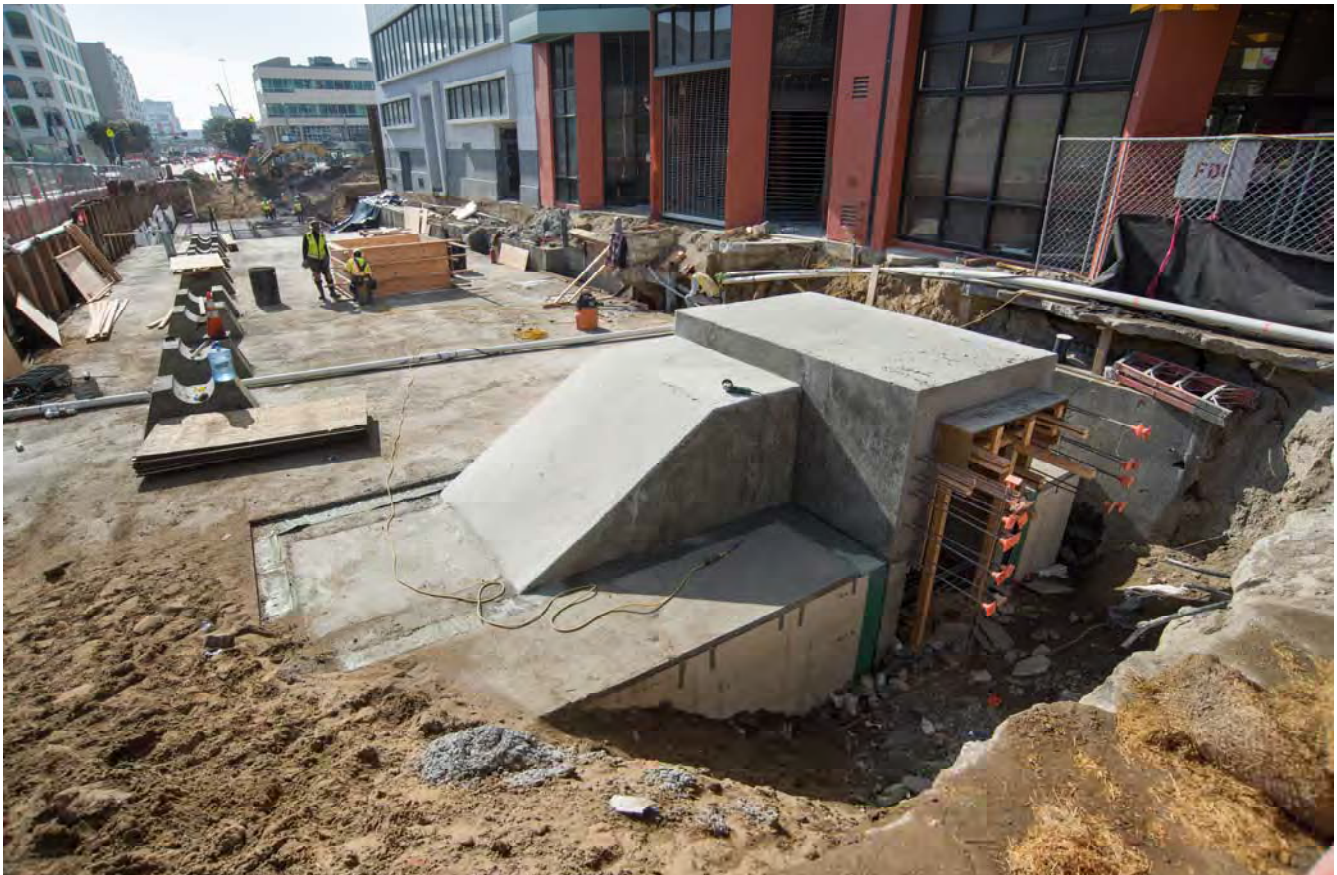
- Pothole dewatering wells on Stockton Street
- Install inclinometers on Stockton Street
- Form and pour remaining Surface Slab, Pours 3 and 4

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

- West side slab construction for station box on 4th Street in three segments, each 113' long. Segment 1 (from north headwall to just north of Clementina), topping slab installed, utility installation and backfill in progress; Segment 2 (crossing Clementina) concrete placed, waterproofing and topping slab installation in progress; Segment 3 (to Folsom Street), concrete placed
- Completed removal of Class I contaminated soil from former gas station (top ~6' containing lead)
- Archaeological monitoring in progress
- Shoring, excavation, and mudslab placement for headhouse roof slab on Clementina Street in progress

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

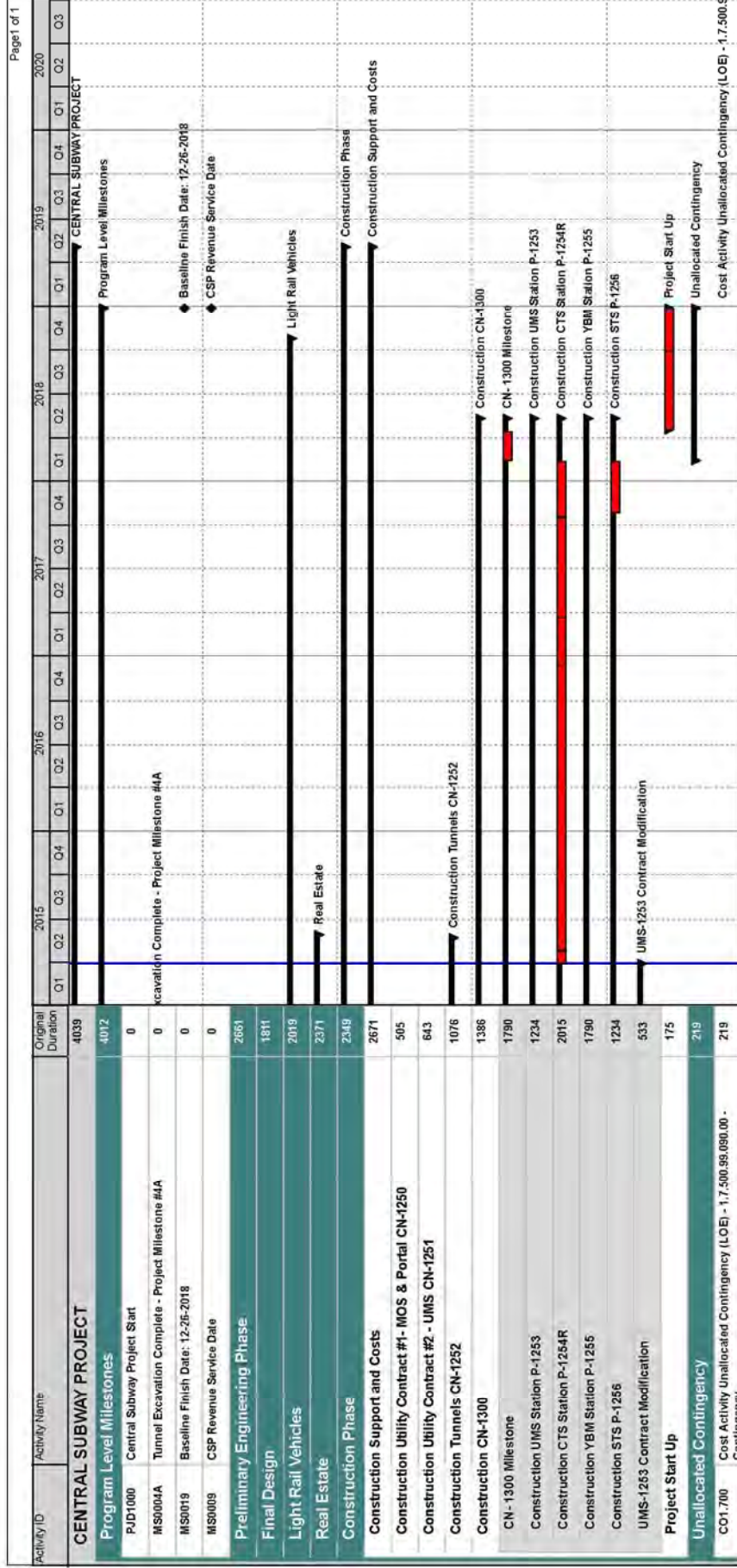
- Completed AT&T ductbank installation
- Contractor submitted 100% design of Design-Build 78" sewer
- Contractor progressing toward 100% design of 48" sewer and 36" sewer force main



*With the northwest portion of the roof deck at Yerba Buena/Moscone Station completed, this emergency staircase can be seen temporarily exposed.*



# Master Project Schedule





*50-year-old steel I-beams have been uncovered at Ellis and Stockton. These beams were used to hold temporary shoring used in the original construction of the Powell BART/Muni Station and will be removed.*

# Contracts & Construction

## Construction Contracts In Progress

### **Contract 1252: Central Subway Tunneling**

- Contractor: Barnard Impregilo Healy (BIH) JV
- Amount: \$241.29 million
- Contract Status: 98.80% complete construction

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

- Contractor: Tutor - Perini Corporation
- Amount: \$838.24 million
- Contract Status: 28.93% 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.

## Current Status

- Completed cleaning and patching all the cross passages and tunnels.
- Complete installation and testing of seismic expansion joint.
- Complete remaining construction in the Portal Structure.
- Paved between Harrison and Bryant.
- Continue restoration at 4<sup>th</sup> and Jessie.

## Three Month Look Ahead

- Complete remaining punchlist
- Demobilize from Caltrans yard
- Complete restoration at 4<sup>th</sup> and Jessie
- Substantial completion, final completion and administrative closeout by construction management team.

## Work Expected Next Month

- Complete remaining punchlist activities
- Complete restoration at 4<sup>th</sup> and Jessie.
- Demobilize from Caltrans yard.
- Administrative Closeout by CM Team
- Substantial completion.



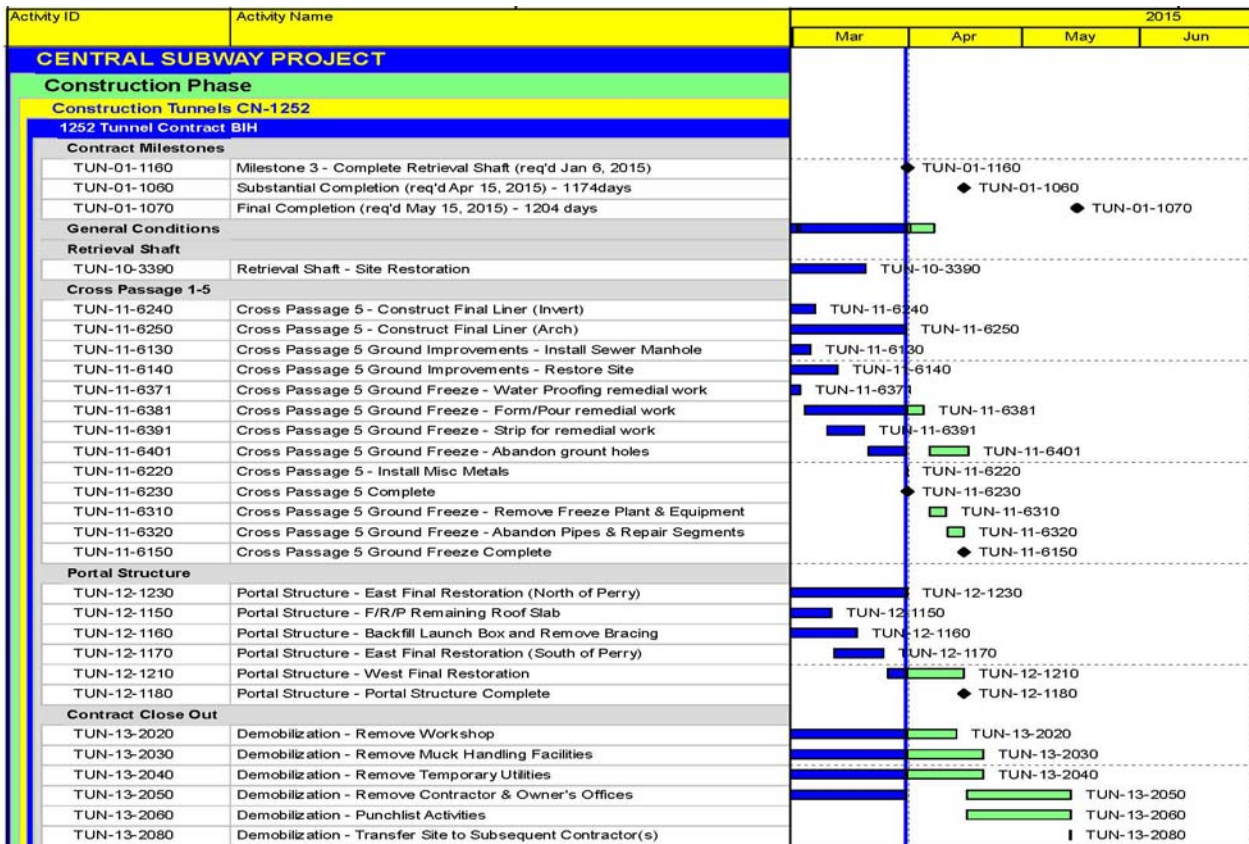


# Subway Tunneling/Portal Construction Contract - Continued

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
<b>Expenditures to Date</b>	<b>\$232,294,426</b>

## Three Month Schedule



# Stations, Surface, Track and Systems

Contract 1300 Contractor: Tutor-Perini Corporation

## Description of Work

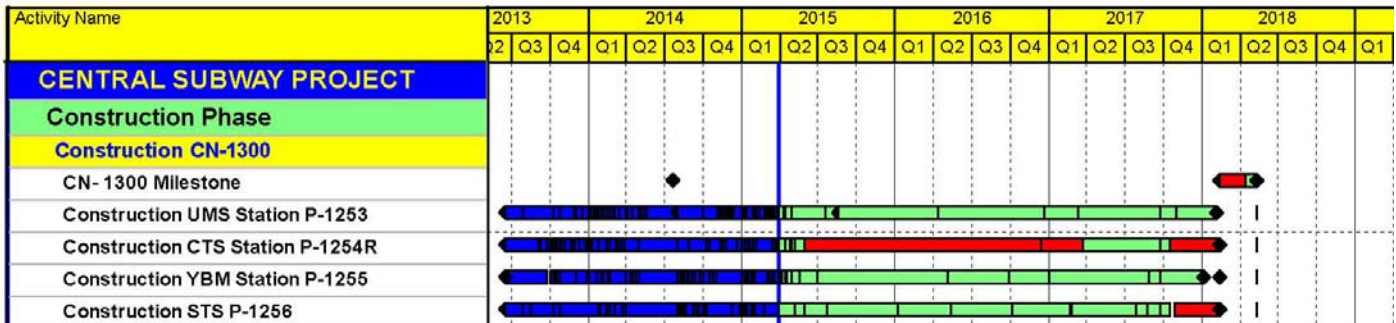
The Contract 1300 scope is to construct the Central Subway's four stations, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

Work includes station finishes, AC 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	\$242,375,110

## 1300 Summary Schedule



# Chinatown Station

## Contract 1300 - Work Package 1254R



### Description of Work

Station finishes, AC and DC traction power substations, elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, slurry or secant pile and SEM excavation, settlement monitoring, building protection, PA, CCTV, signage, installation of fare collection equipment, station start-up and commissioning.

### Current Work Status

- Excavated 2/3rds headhouse for Surface Level Slab Pour #1
- Prep south slurry walls for Surface Level Slab
- Pothole dewatering wells on Stockton Street
- Install inclinometers on Stockton Street
- Form and pour remaining Surface Slab, Pours 3 and 4

### Work Expected Next Month

- Install dewatering wells on Stockton St
- Install settlement instrumentation on Stockton St
- Install inclinometers on Stockton Street
- Install water line on Stockton Street
- Pour for Surface Level Slab and beams, Pours 1 and 2
- Backfill surface slab at Washington Street
- Install service crane



*A carpenter works to construct concrete forms used to build the station roof slab.*

### Three Month Look Ahead

- Excavate, form and pour Surface Level Slab
- Excavate to El 70, install compensation grout tubes, pre grout
- Remove and replace 15" sewer line on Washington Street
- Slip line brick sewer on Stockton Street
- Drill dewatering wells on Stockton Street
- Install inclinometer on Stockton Street
- Install water line on Stockton Street

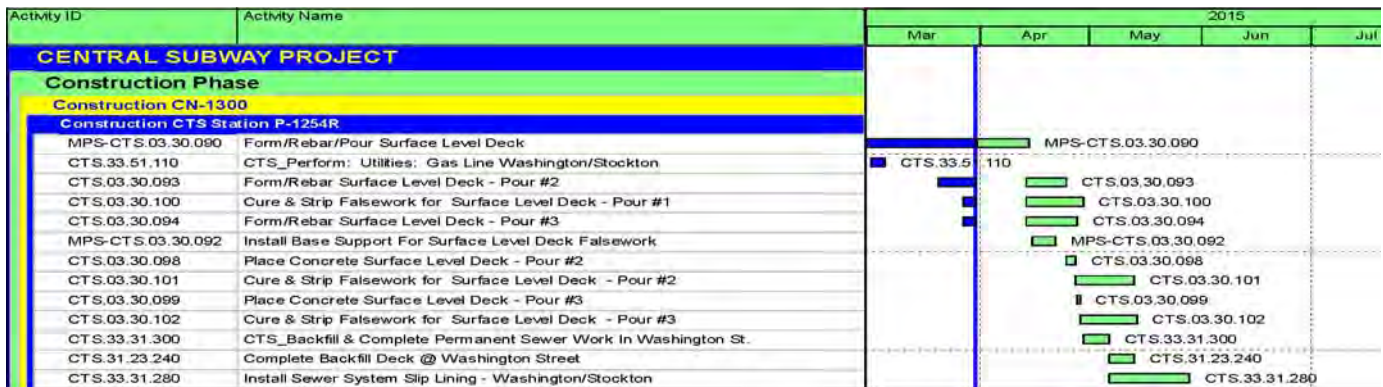


# Chinatown Station Construction Status - Continued

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	\$55,316,291

## CTS Three Month Schedule



# Union Square/Market Street Station

Contract 1300 Work Package 1253

## Description of Work

Station work site development includes archaeological investigation and utility relocation. Station structure work includes inclined tangent piles, secant pile top-down compensation grouting, parking garage demolition, cut and over construction and structural concrete, settlement monitoring, building protection.

Systems work includes AC substations, elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, PA, CCTV, signage, installation of fare collection equipment and station start-up and commissioning.

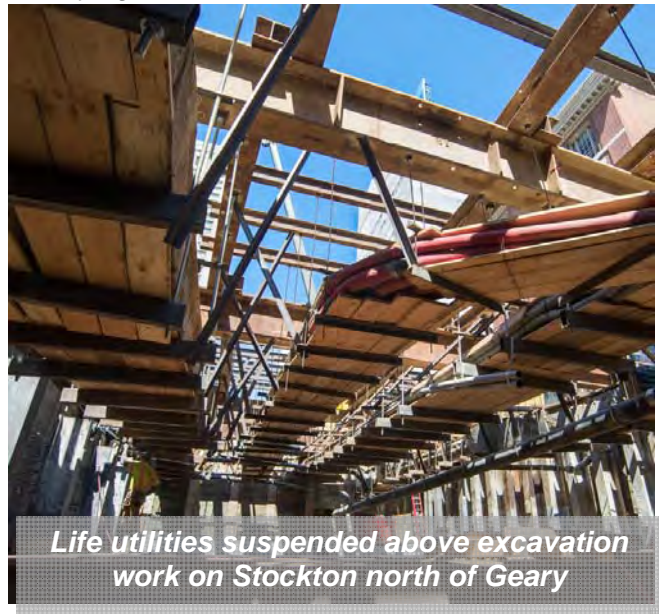
Interior work includes station finishes, connecting to and modifying the BART Powell Street Station.

## Current Status This Month

- Excavated to roof level between Maiden Lane and Geary Street
- Began demolition of Bart Annex on Ellis Street
- Began production Jet Grouting on East Side of Stockton Street
- Continued Jet Grout Test Program on West Side of Stockton Street
- Began installing Tiebacks for Union Square Garage demolition.

## Work Expected Next Month

- Street closures: Stockton Street between Ellis and Post and Ellis halfway, Stockton to Powell. Limited nighttime closure of Geary Street at Stockton and Grant and Stockton Street closed at Post
- Union Square Garage – tieback installation, micro-pile installation and demolition.
- Continue jet grouting operations on East and West sides of Stockton Street between Geary and O'Farrell Streets.
- Install I beams for roof installation between Maiden Lane and Geary Street
- Excavation, demolition and roof deck installation operations at Ellis Street
- Begin installing Compensation Grout pipes for building protection along Stockton Street



*Life utilities suspended above excavation work on Stockton north of Geary*

## Three Month Look Ahead

- Progress I-beam, roof deck and waterproofing installation for roof deck construction
- Continue demolition operations at Ellis Street on existing BART structure
- Install new roof on Ellis for BART Station entrance to UMS station
- Begin Union Square Garage (USG) demolition for North concourse entrance
- 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	\$105,087,293

## UMS Three Month Schedule

Activity ID	Activity Name	user_text1	2015						
			Mar	Apr	May	Jun	Jul	Aug	Sep
<b>CENTRAL SUBWAY PROJECT</b>									
<b>Construction Phase</b>									
<b>Construction CN-1300</b>									
<b>Construction UMS Station P-1253</b>									
UMS.03.30.210.2b	UMS_Cure Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64								
UMS.23.31.0045	UMS_Install Temporary Ventilation & Utilities								
UMS.02.41.1750	UMS_Install Temporary Vehicular Circulation at Union Garage								
UMS.23.34.0415	UMS_CN_Install Temporary HVAC Exhaust Duct (In Union Square Garage Lvl 4)								
UMS.31.20.205.2b	UMS_Backfill Roof Section To Subgrade & Move Skid - Sta 136+28 to Sta 136+64								
UMS.31.20.202.2b	UMS_Excavate To Compensation Grout Level - Sta 136+28 To Sta 136+64								
UMS.31.20.202.3b	UMS_Excavate To Compensation Grout Level - Sta 136+64 To Sta 137+00								
UMS.31.32.100.3a	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A								
1300.01.12.17.15b	Special Events: Post-Moratorium Coordination - Stockton Street								
UMS.02.41.0060	UMS_Demo Garage Roof Slab								
UMS.33.11.0100	UMS_Install New 8" Water Main - South Side Ellis St								
UMS.31.43.510.3b	UMS_Install Compensation Grouting Tubes - Apple Store Sta 136+64 to 137+00								
UMS.31.32.105.1a	UMS_Jet Grout Piles Stockton St East/West Side for Water Seal Rig#1 Pour 1A								
UMS.31.43.510.2b	UMS_Install Compensation Grouting Tubes - Apple Store, Armani Sta 136+28 to								
UMS.31.41.0240	UMS_Install Sheet Piles @ Access Shaft #2 (O'Farrell)*								
UMS.33.31.200.3b	UMS_Install Utilities, OCS Pier #3, & Backfill Street - Sta 136+64 to Sta 137+00								
UMS.31.32.105.2a	UMS_Jet Grout Stockton St West/East Side for Water Seal Rig#2 Pour 2A								
UMS.31.32.0070	UMS_Jet Grout Under South Wall Footings - USG								
UMS.31.50.0250	UMS_Excavate, Lag & Support @ Access Shaft #2 (O'Farrell)								
UMS.31.32.105.3a	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A								
UMS.31.20.1365	UMS_Shore Tunnel and ready for break in- Sta 132+50 To North Headwall								
UMS2030	UMS Tunnel Interface Finish Cross Passages 3 & 4 (Req'd Feb 26, 2015)								
UMS.31.50.0260	UMS_Install Temporary Lid @ Access Shaft #2 (O'Farrell)								





# Yerba Buena/Moscone Station

## Contract 1300 - Work Package 1255



### Description of Work

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

- West side slab construction for station box on 4<sup>th</sup> Street in three segments, each 113' long. Segment 1 (from north headwall to just north of Clementina), topping slab installed, utility installation and backfill in progress; Segment 2 (crossing Clementina) concrete placed, waterproofing and topping slab installation in progress; Segment 3 (to Folsom Street), concrete placed
- Completed removal of Class I contaminated soil from former gas station (top ~6' containing lead)
- Archaeological monitoring in progress
- Shoring, excavation, and mudslab placement for headhouse roof slab on Clementina Street in progress

### Work Expected Next Month

- Completion of west side roof Segments 3 and roof slab under Clementina Street
- Continue utility installation above west side station box roof
- Utility installation in vicinity of 4th Street at Folsom
- Archaeological Monitoring of excavation.



*Workers review site drawings surrounded by a large rebar cage which will become part of the station roof.*

### Three Month Look Ahead

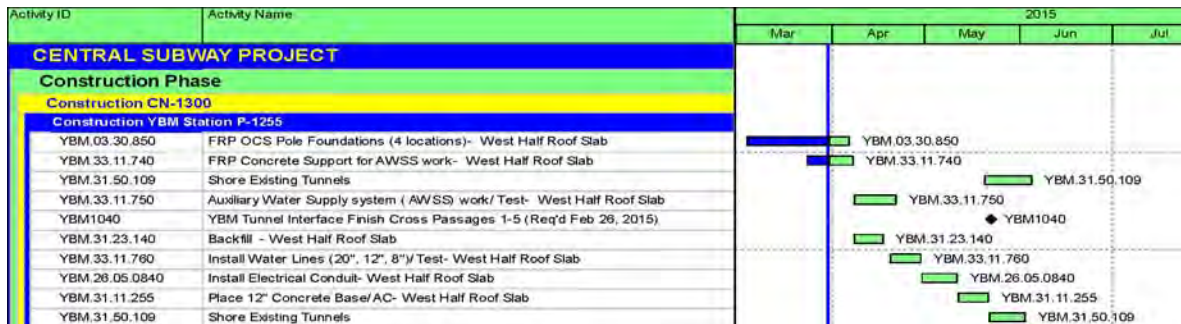
- Complete west side roof slab construction
- Perform Archaeological Monitoring
- Complete utility installation above west-side roof
- Restore west side roadway section on 4th Street and switch over to east side.
- Continue headhouse excavation and begin east side station box roof excavation

## 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	\$61,719,593

## YBM Three Month Schedule





# Systems, Trackwork, & Surface Station

## Contract 1300 - Work Package 1256

### Description of Work

The Work under package 1256 for the construction of Surface, Track and Systems (STS) includes light rail track and systems, track invert, track safety walkways, constructed in guideway tunnels, emergency cross-passages, and three subway stations; 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

- Completed AT&T ductbank installation
- Contractor submitted 100% design of Design-Build 78" sewer
- Contractor progressing toward 100% design of 48" sewer and 36" sewer force main
- Completed 12" and 18" sewer installation
- Completed cast-in-place drilled piles for 4th/Brannan Station
- Continue Muni ductbank installation
- Started 78" sewer rehabilitation

### Work Expected Next Month

- Install waterline, AWSS, 36" force main
- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation

### Three Month Look Ahead

- Waterline installation
- AWSS installation
- Muni ductbank installation
- Cast-In-Place Drilled Piles
- 36" sewer force main installation
- 78" sewer rehabilitation



*A single lane of traffic is open on both the east and west side of the street south of Bryant, surrounding sewer re-construction operations in the middle of the roadway.*

## 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

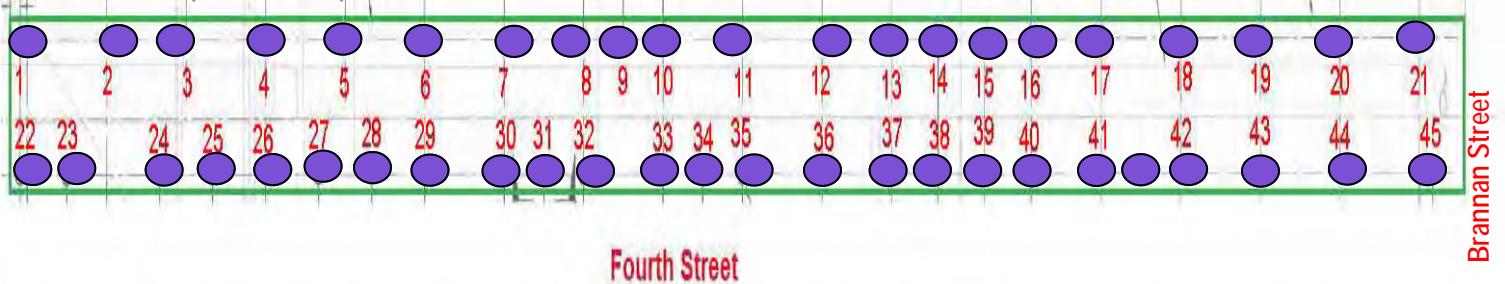
Budget/Expenditures	
Current Budget	\$144,989,000
Expenditures to Date	\$20,251,933

## Systems, Track and Surface Station Three Month Schedule

Activity ID	Activity Name	2015				
		Mar	Apr	May	Jun	Jul
<b>CENTRAL SUBWAY PROJECT</b>						
<b>Construction Phase</b>						
<b>Construction CN-1300</b>						
<b>Construction STS P-1256</b>						
MPS-BID-631	Install MRY Duct Bank 4th/Brannan					
MPS-BID-591	78" Sewer Excavate/Lay/Backfill					
STS.33.51.115	STS_PG&E Design Detail Period: Utilities: Gas Distribution 6" Main/Casing - 4th St - Bryant To Welsh S					
STS.33.31.420	STS_Install New CB's Manhole, 10" & 15" Sewer Piping @ 4th St/Townsend - West Side					
STS.33.11.340	STS_Install: Utilities: Track Drainage- 4th St (Brannan St To Bluxome St)					
STS.33.51.150	STS_Pothole: Utilities: Pothole for Gas Distribution					
STS.33.31.085	Modify Existing 78" Curved Section Of Sewer Main In Brannan Intersection					
STS.26.05.3730	STS_Pothole Utilities: MRY Ductbanks On/Off 4th Street					
STS.33.11.350	STS_Install: Utilities: Track Drainage- 4th St (Bluxome St To Townsend St)					
STS.33.11.360	STS_Install: Utilities: Track Drainage- 4th St (Townsend St To King St Tie-in)					
STS.33.31.380	STS_Install New Offset Sewer Manhole @ 4th St/Townsend					

## 4th Street Surface Station Platform Pile Progress

45 of 45 piles completed - an increase in 3 over last month



# Program Components

## Community Outreach

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

- None scheduled for this month
- Work on relocation of the bus stop in Chinatown, and coordinated field meeting with DPW street inspector for minor sidewalk encroachment permit
- Updated Supervisor 3 office on the status of activity such as potholing activity and upcoming relocation of the bus stop
- Posted detour signage for reroute of the 38 Geary for potholing work in the evening hours for approximately 5 days

### Outreach in Support of Mitigation and Monitoring

Team members participated in weekly progress meetings related to Stations, Tracks and System construction and 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
3/18/15	<a href="#">Central Subway - Union Square Market Street Station (UMS)</a>	Design By The Bay	RCCO
3/18/15	<a href="#">When the T-Third starts running up the Central Subway</a>	unknown	Muniverse
3/20/15	<a href="#">Muni Map Indicates Central Subway is Now Fully Armed and Operational Battle Station</a>	San Francisco Magazine	Joe Eskenazi



# 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 two prime construction contractors and their subcontractors.

## **Stations and Systems Contract CN1300 Quality Assurance Monitoring – On Going**

UMS roof beam to pile WF installation – TPC (no activity during this month – anticipated to begin April 2015)

UMS Water Proofing Subcontractor – Waterproofing Experts (no activity during this month – anticipated to begin April 2015)

UMS Jet Grout Subcontractor, continuation of Jet Grout qualification testing on the West side of Stockton (due to issues related to TPC not following established testing protocols, the test columns were relocated North of the original test area) - Layne

CTS Slurry Wall Panels – preparation and/or repairs (CNCRs have been written to address the issue of some of the slab mechanical couplers not being as shown on the design dr

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 and 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”) continues to consumes a significant percent of PQM's schedule.

Bi-Weekly and ad hoc Quality Task Force Meetings are attended primarily to assist and support the Contractor's QC effort

Weekly Instrumentation/Monitoring and Construction Management Task Force (CMTF) Meeting  
Progress Meetings for C1300, STS, YBM, UMS and CTS

### 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, accuracy of the disposition and confirmation close-out is correct – TPC QC is to currently in the process of making the CNCR Log better/more useful) make the descriptions, status more accurate and concise and, ii) to add a comments section to the CNCR log regarding items such as why a Repair dispositioned CNCR can't be closed because the repair will not be performed until a later date).

## Quality Assurance - Continued

### QA Issues:

- TPC Management not honoring TPC QCM Stop Work Notification (SWN)– TPC QC has issued an internal Corrective Action Request (CAR #4) documenting what transpired and is currently awaiting response from the TPC Program Executive regarding what actions are to be taken to prevent recurrence of the failure to abide by the QCM's SWN. Note that the 01 45 00 *Contractor Quality Control* Specification Section requires that the CQM has the ability to issue SWNs).
- The use of Requests for Information (RFI) to obtain the Engineer's approval of suggested repairs associated with work that is the subject of a Repair dispositioned CNCR in lieu of using the CNCR process. TPC is of the strong opinion that the CNCR process is too slow to obtain the Engineer's approval of suggested repairs contained within all Repair dispositioned CNCR and as such, RFIs are being misused (RFIs are only to be used to obtain clarification of Contract Documents). No repairs are allowed to be made until the Repair dispositioned CNCR's suggested repair procedure has been approved by the Engineer which means that the RFI must be attached and referenced in the CNCR which only complicated the process because both the CNCR and RFIs must be processed before the repair can be made.



## Quality Assurance - Continued

### QA Concerns:

- TPC's management and administration of their Sub Contractors. TPC's Project Engineers in particular still appear to be not involved with the actual on-going work as well as not scrutinizing and evaluating the adequacy of Sub Contractor's submittals. It is not uncommon for TPC production personnel to not be present at Preparatory and Initial Phase Meetings; only TPC's Sub-contractors and TPC QC are always present.
- TPC's Project Manager, Project Engineer's and Field Supervision's support of the implementation of TPC's Quality Control Program (see above regarding Preparatory and Initial Phase Meetings).
- The amount of internal TPC engineering support to the TPC Field Superintendents seems to impart significant burdens related to the adequacy of Sub Contractor submittals upon the Superintendents. Of late, this has manifest itself at the 2<sup>nd</sup> and 3<sup>rd</sup> YBM roof placements. The RE and QA Staff are in the process of assisting TPC QC in developing effective corrective action(s).
- Performance of UMS Jet Grouting

### **Tunnel Contract CN1252 Quality Assurance Monitoring – On Going**

#### Current QA Monitoring of the Implementation of the Contractors Quality Control Program:

1. Repair of precast segment tunnel liners
2. Installation of the tunnel cross-overs
3. Determination/and execution of the repair of the CP 5 localized failure – which includes assurance that sufficient instrumentation is in place and monitored/reported to prevent another localized freeze failure.
4. Construction of the Tunnel Portal structure
5. Monitoring and evaluation of instrumentation and resulting data.
6. Turn-over of Quality Documentation

#### Document comment and review:

- QA Staff continues random/spot checks of the 1252 Contractor's Field Testing lab results; items requiring further action/investigation are brought to the attention of the Contractor.
- Review of CNCR logs and CNCRs for closeout and on-going work

#### QA Issues:

Repairs made to tunnel liner segments and preparation for revising instrumentation and ground freezing piping, densification of soil and restoration of the street above Cross-Passage 5.

- Contractor's Field repairs of tunnel liner segments per approved procedures.
- Open CNCRs that await closing as a function of required liner repairs.
- Turn-over of final Barnard Impregilo Healy Quality Documentation as contract completion approaches.



## Quality Assurance - Continued

### QA Concerns:

Repairs made to tunnel liner segments and preparation for revising instrumentation and ground freezing piping, densification of soil and restoration of the street above Cross-Passage 5.

- Contractor's Field repairs of tunnel liner segments per approved procedures.
- Open CNCRs that await closing as a function of required liner repairs.
- Turn-over of final Barnard Impregilo Healy Quality Documentation as contract completion approaches.

### **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.

## Risk Management

Risk Mitigation Management Meeting No. 68 was held on March 10, 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.



*An excavator constructs a muck pit used in drilling operations north of O'Farrell.*

## Program Safety & Security - continued

### Safety Summary for Stations Systems Track Construction

Table 1300 summarizes the Month to March 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 March.\*

### Project Safety Record - Contract 1300

#### SAFETY GOALS

Through Month End - MAR 2015

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 March 2015	180,651	308,616	489,267	

YEAR 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 March 2015	44,881	52,398	97,279	

\* 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

Table 1252 below summarizes the Job to Date and Year to Date Tunneling Contractor's Safety Record based on field work reporting of incident per man hours worked. There were no recordable accidents this month.\*

<b>Project Safety Record - Contract 1252</b>					<b>SAFETY GOALS</b>			
<b>Through Month End - MAR 2015</b>					<b>OSHA Recordable Accidents, &lt;3.8</b>			
					<b>Lost Time Cases, &lt;1.3</b>			
<b>JOB TO DATE</b>					<b>BIH</b>	<b>Subs</b>	<b>Total Project</b>	<b>Rate*</b>
OSHA Recordable Accidents					6	4	10	2.41
Job Transfer or Restricted Duty Cases					7	0	7	1.69
Lost Time Cases					0	1	1	0.24
Total Project Incidents					13	5	18	4.34
Man Hours Worked Through M/E - MAR 31, 2015					493,349	335,884	829,233	
<b>YEAR TO DATE (Month, Day, Year to Month, Day, Year)</b>					<b>BIH</b>	<b>Subs</b>	<b>Total Project</b>	<b>Rate*</b>
OSHA Recordable Accidents					0	2	2	0.00
Job Transfer or Restricted Duty Cases					0	0	0	0.00
Lost Time Cases					0	1	0	0.00
Total Project Incidents					0	3	3	19.55
Man Hours Worked Through M/E - MAR 31, 2015					21,693	8,993	30,686	
* 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								



## Technical Capacity

As part of our effort to focus the program towards the delivery of the Stations Contract, the key leadership appointments within the Central Subway management team had changed in March. These organizational changes will re-affirm our efforts on the construction support infrastructure necessary to ensure the successful delivery of this Program.

Deputy Program Director/Project Services will lead and is responsible for Contract Administration/Reporting, Document Control, Project Control and Configuration Management.

Program Manager for Program Delivery will lead and is responsible for delivering all program construction. Reporting directly to the Program Director and will be responsible for managing all construction management staff delivering the Chinatown, UMS, Yerba Buena/Moscone, Systems and Tunnel contracts.

The Cost Analyst Dorothy Lin started work this month.



***An excavator removes soil at the intersection of Ellis and Stockton. Here, workers will first excavate and then reconstruct the pedestrian passageway accessing Powell Station.***

## Staffing

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

	Jan-2015		Feb-2015		Mar-2015	
	Planned	Actual	Planned	Actual	Planned	Actual
<b>Project Management</b>						
Program Management	7.00	7.43	7.00	7.43	7.10	7.00
<b>Quality Assurance</b>	<b>2.25</b>	<b>2.60</b>	<b>2.25</b>	<b>2.60</b>	<b>1.80</b>	<b>2.30</b>
Contract Administration	1.40	1.40	1.40	1.40	1.40	1.40
<b>Community Outreach</b>	<b>5.50</b>	<b>5.50</b>	<b>5.50</b>	<b>5.50</b>	<b>5.50</b>	<b>5.50</b>
Finance	1.90	1.90	1.90	1.90	2.00	2.00
<b>Project Controls</b>	<b>6.60</b>	<b>5.23</b>	<b>6.60</b>	<b>5.23</b>	<b>5.80</b>	<b>6.10</b>
<b>Subtotal</b>	<b>24.65</b>	<b>24.06</b>	<b>24.65</b>	<b>24.06</b>	<b>23.60</b>	<b>24.30</b>
<b>Construction Management</b>						
<b>CM - CN 1252</b>	<b>7.23</b>	<b>8.85</b>	<b>7.23</b>	<b>8.85</b>	<b>4.00</b>	<b>4.00</b>
CM - CN 1300	26.98	26.40	26.98	26.40	30.00	25.70
<b>Design Support - CN 1252</b>	<b>0.50</b>	<b>0.40</b>	<b>0.50</b>	<b>0.50</b>	<b>0.90</b>	<b>0.85</b>
Design Support - CN 1300	6.43	6.00	6.43	5.80	12.40	10.75
<b>Subtotal</b>	<b>41.13</b>	<b>41.65</b>	<b>41.13</b>	<b>41.55</b>	<b>47.30</b>	<b>41.30</b>
<b>Start Up</b>						
<b>Start Up / Safety &amp; Security</b>	<b>2.00</b>	<b>2.10</b>	<b>2.00</b>	<b>2.10</b>	<b>3.00</b>	<b>2.10</b>
<b>Subtotal</b>	<b>2.00</b>	<b>2.10</b>	<b>2.00</b>	<b>2.10</b>	<b>3.00</b>	<b>2.10</b>
<b>Total</b>	<b>67.77</b>	<b>67.81</b>	<b>67.77</b>	<b>67.71</b>	<b>73.90</b>	<b>67.70</b>



## 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 continue to communicate with the property owner regarding upcoming compensation grouting installation 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.

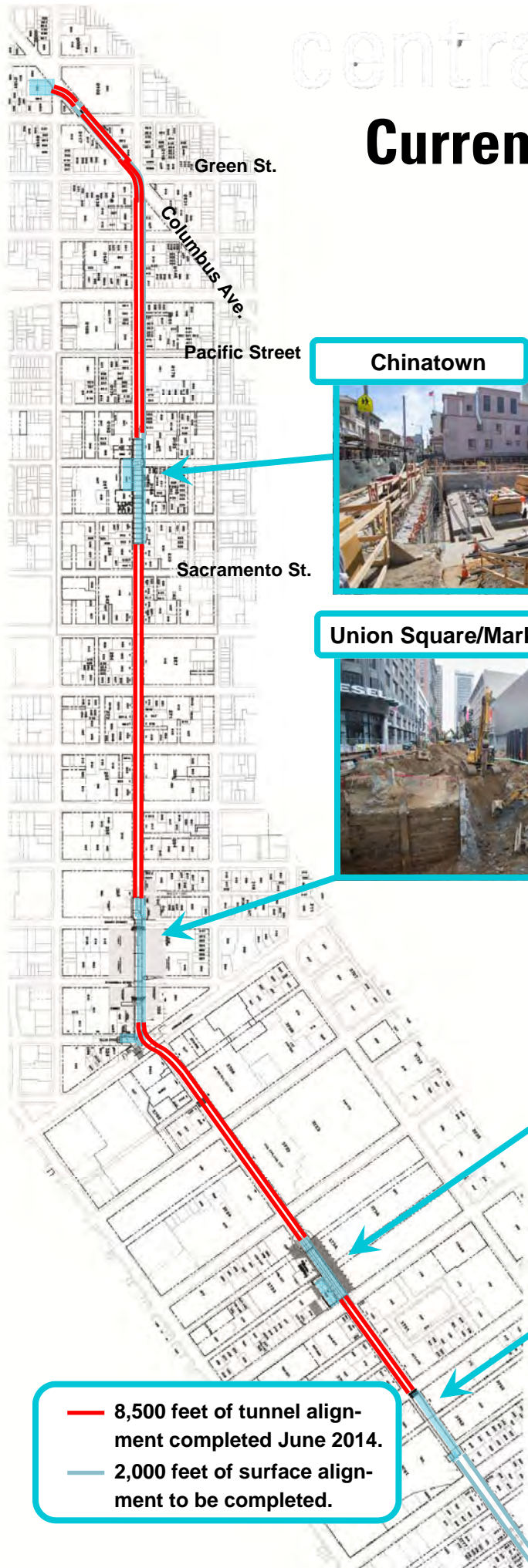


*With this portion of the roof slab complete, workers are now installing sewer and water lines before backfilling the remainder of this portion of the work site.*



# central **T** subway

## Current Construction Activity



**Chinatown**



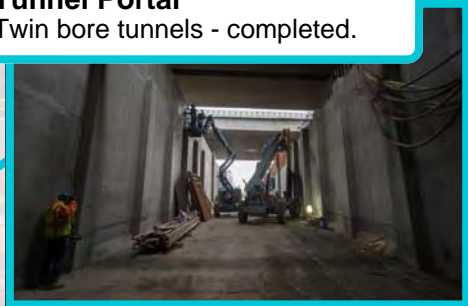
**Union Square/Market Street (UMS)**



**Yerba Buena/Moscone (YBM)**



**Tunnel Portal**  
Twin bore tunnels - completed.



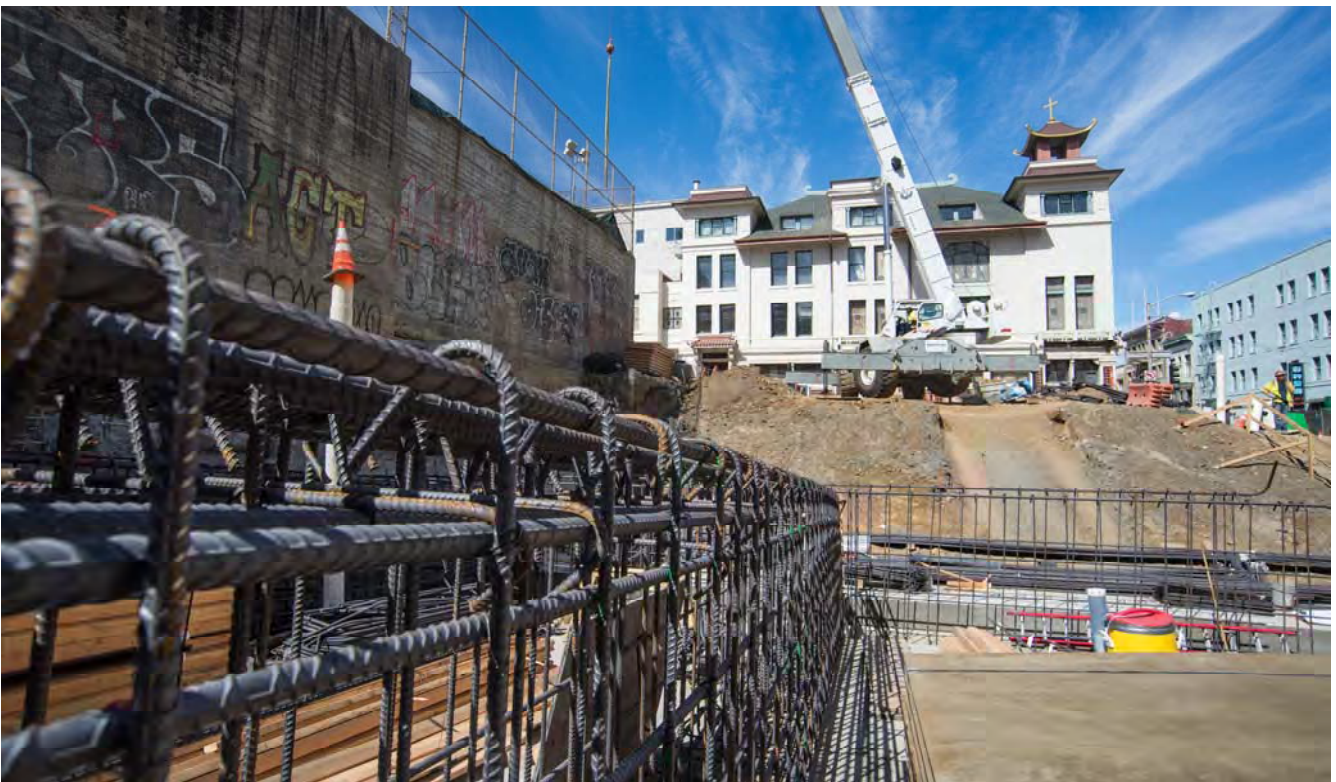
**4th St. Surface Track, Systems (STS)**







***A temporary “rat slab” is being constructed as the bottom of a form which will be used to build the future roof slab of the station.***



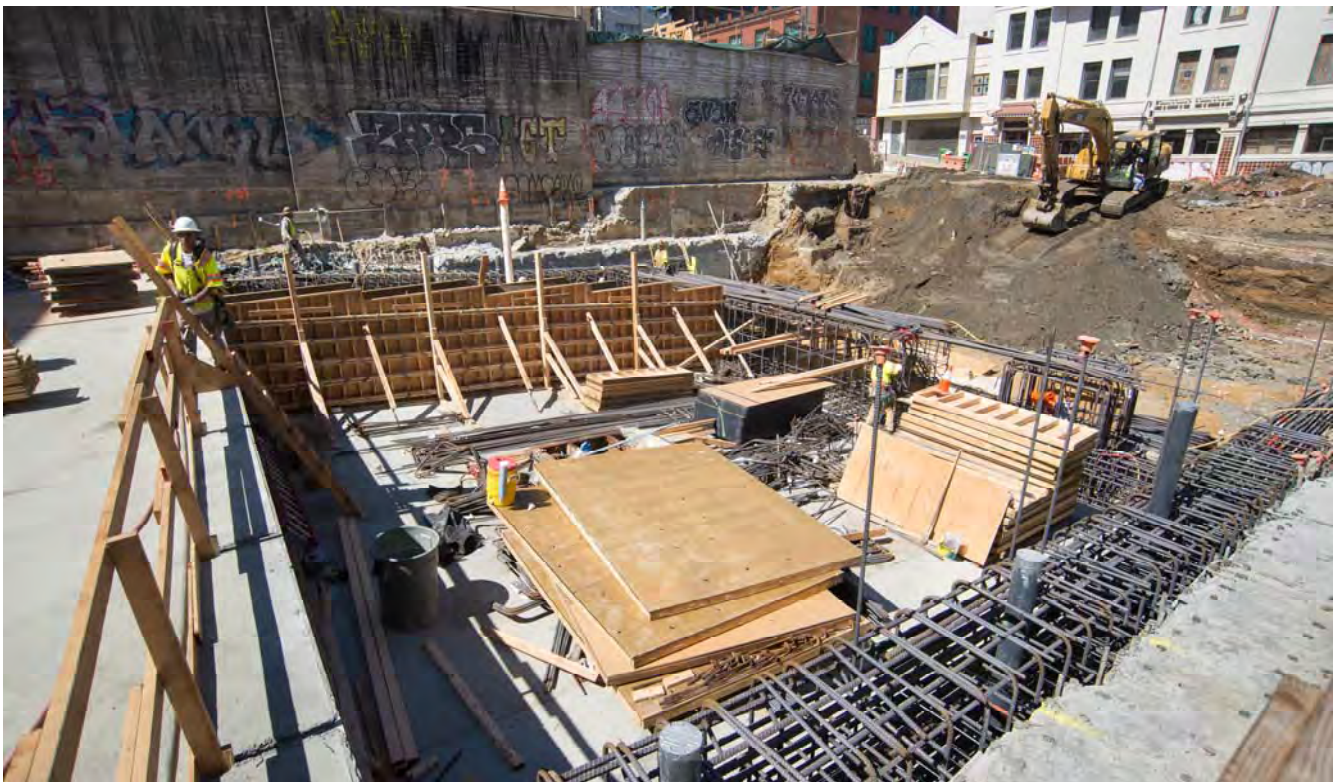
***Heavy equipment and other construction materials are moved around the site using a large crane, as well as some support equipment.***



## CTS - continued



***This large rebar cage will become a beam spanning the width of the site. Escalators will descend from this point, bringing customers to the station interior.***

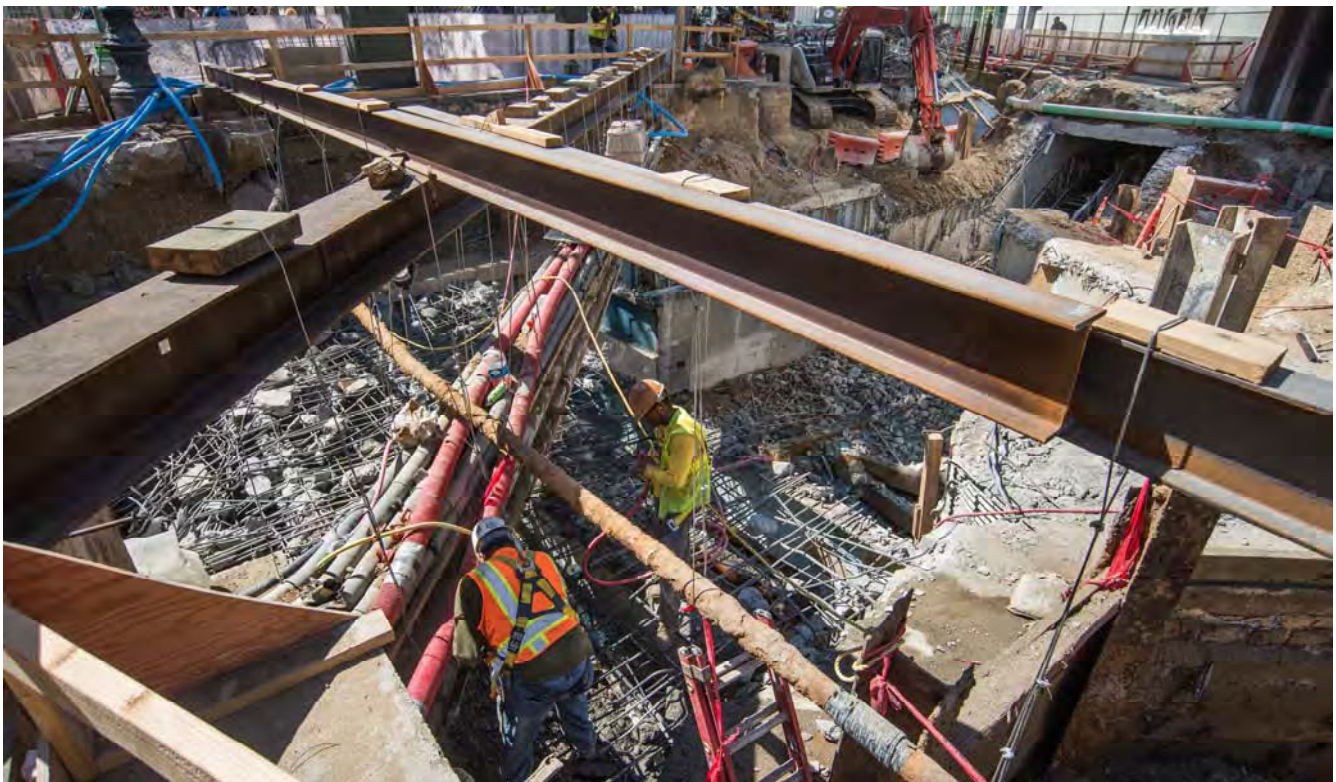


***This “sink” will eventually be excavated, creating a large hole where escalators will shuttle customers to and from the station interior.***





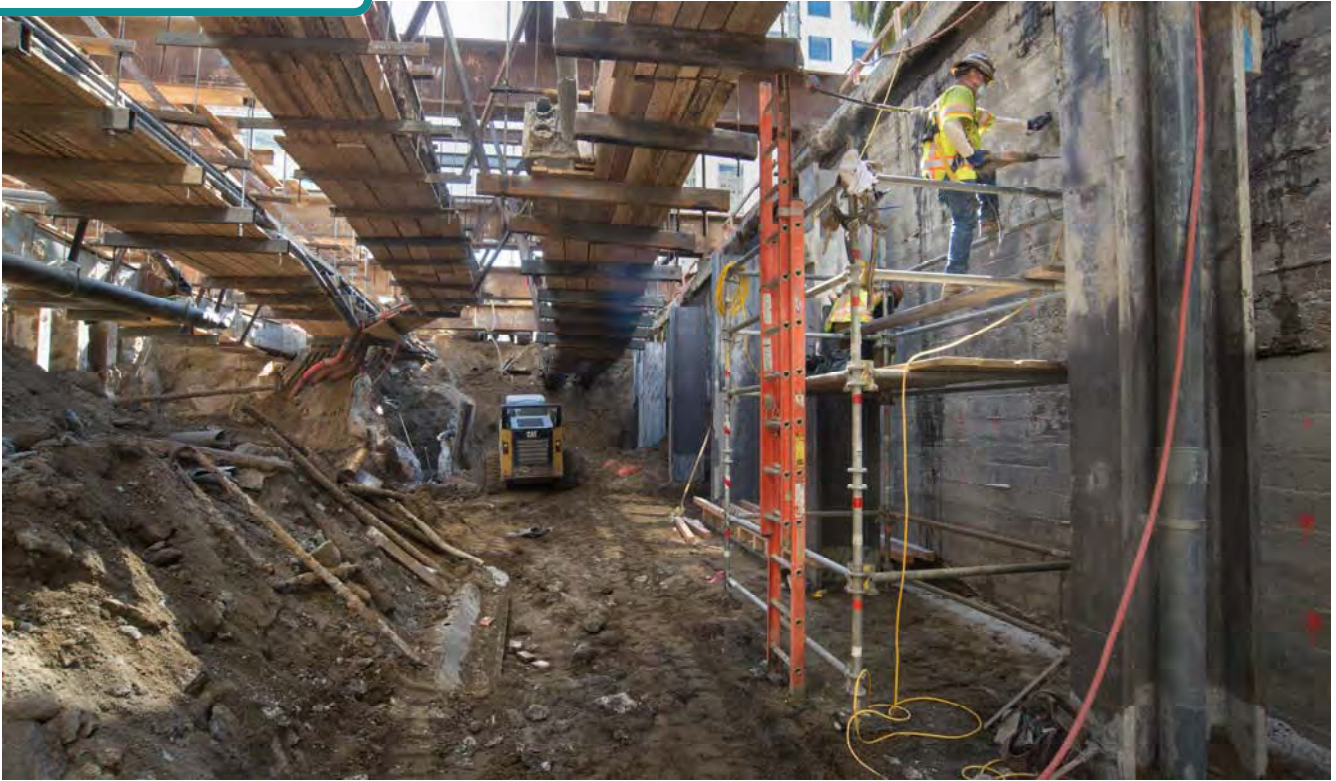
*Work to excavate the Ellis Street entrance to Powell BART/Muni Station uncovered temporary shoring used to construct the original interior walls.*



*After the entrance structure was uncovered, workers removed the roof. Live utilities have been temporarily suspended from steel I-beams spanning the site.*



## UMS - continued



*Live utilities have been suspended from a lattice of steel I-beams spanning the width of the roadway, while excavation efforts are underway below.*



*The slanted roof of the former escalator adjacent to the Apple Store can be seen here, recently removed ahead of further excavation and demolition work.*



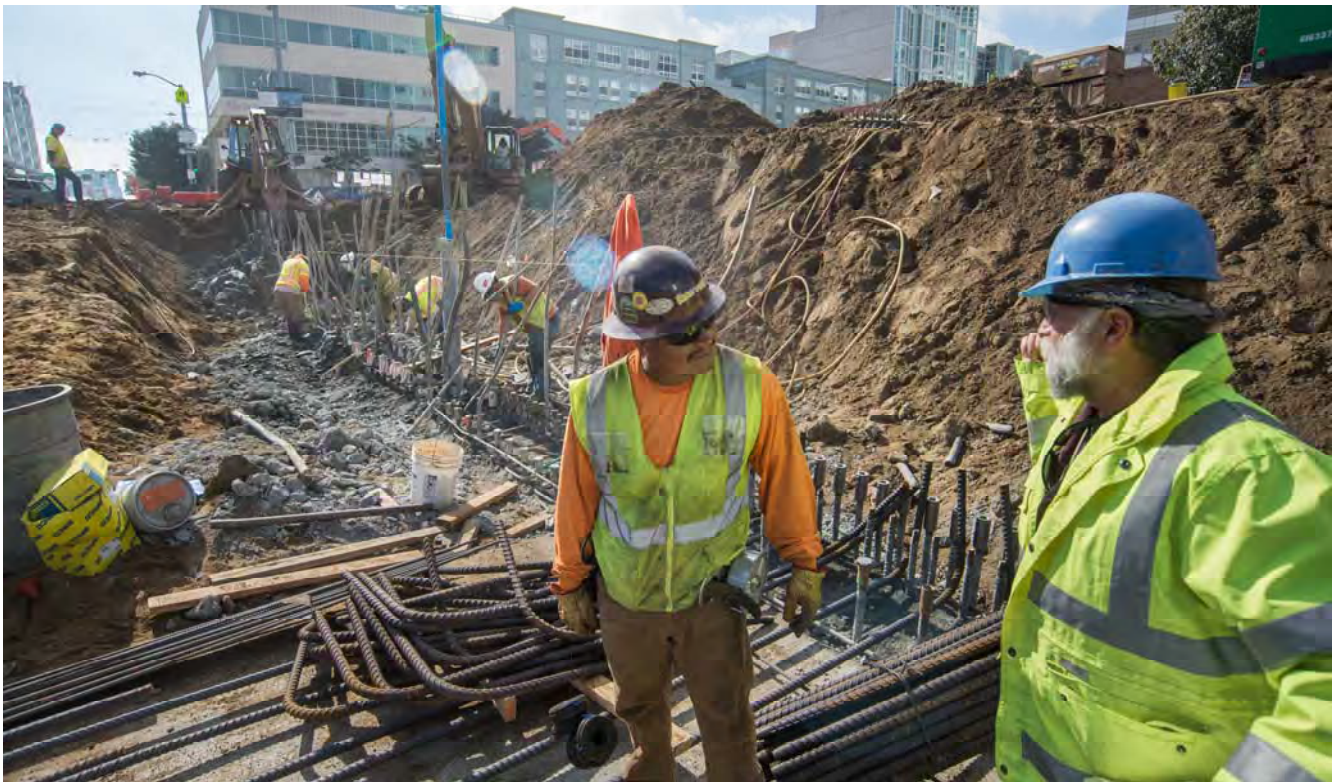


***A worker stands with a remote control system, moving the arm of the concrete boom pump around the site for easy access.***





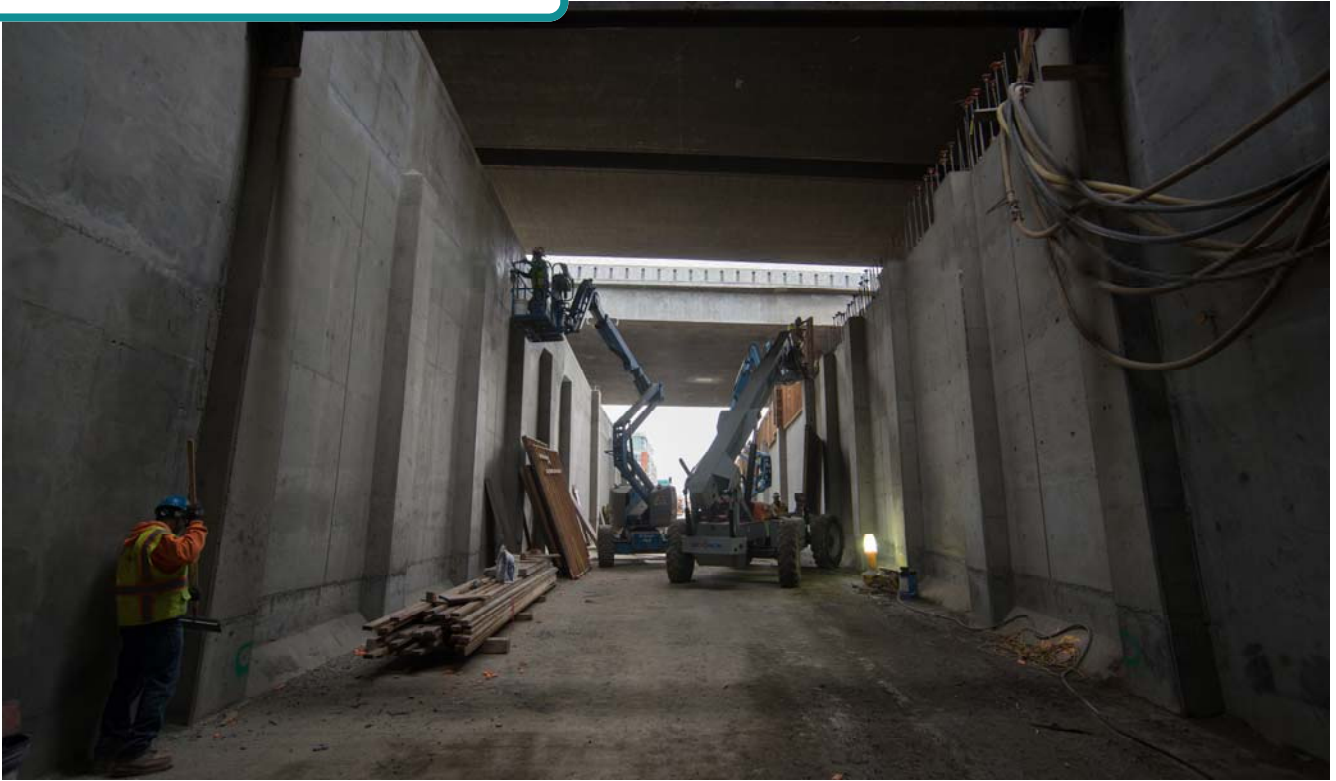
*Workers begin installing rebar for a beam crossing the point separating the station head-house and the platform roof.*



*An inspector talks to a worker while a crew removes excess concrete from the top of the slurry wall behind them, to expose rebar which will be tied in to the new roof structure.*



## Tunnel and Portal



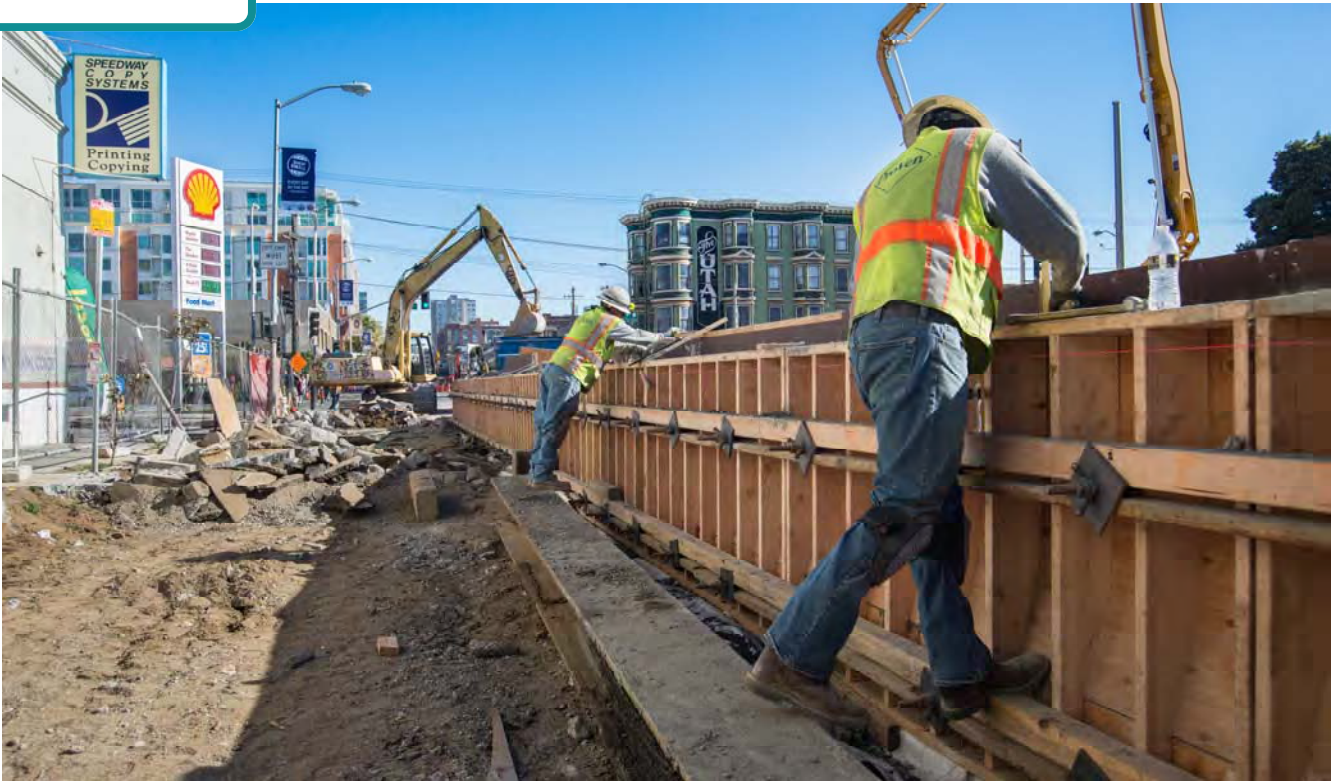
*Workers perform finishing work atop the walls creating the structural interior of the tunnel portal, below the I-80 overpass on 4th Street.*



*The barrier and curbs approaching the tunnel portal entrance can be seen here being constructed. Rebar is laid down, and concrete is poured creating a curved structure.*



# Tunnel



*Workers can be seen smoothing the top of a concrete wall separating a future traffic lane from trains entering the tunnel portal.*



*A finished concrete wall can be seen after traffic has been reopened along 4th Street between Harrison and Bryant.*



**STS**



*A rotary drill rig with greater vertical clearance was brought in to finish the last half dozen piles for the foundation of the 4th and Brannan Station platform.*



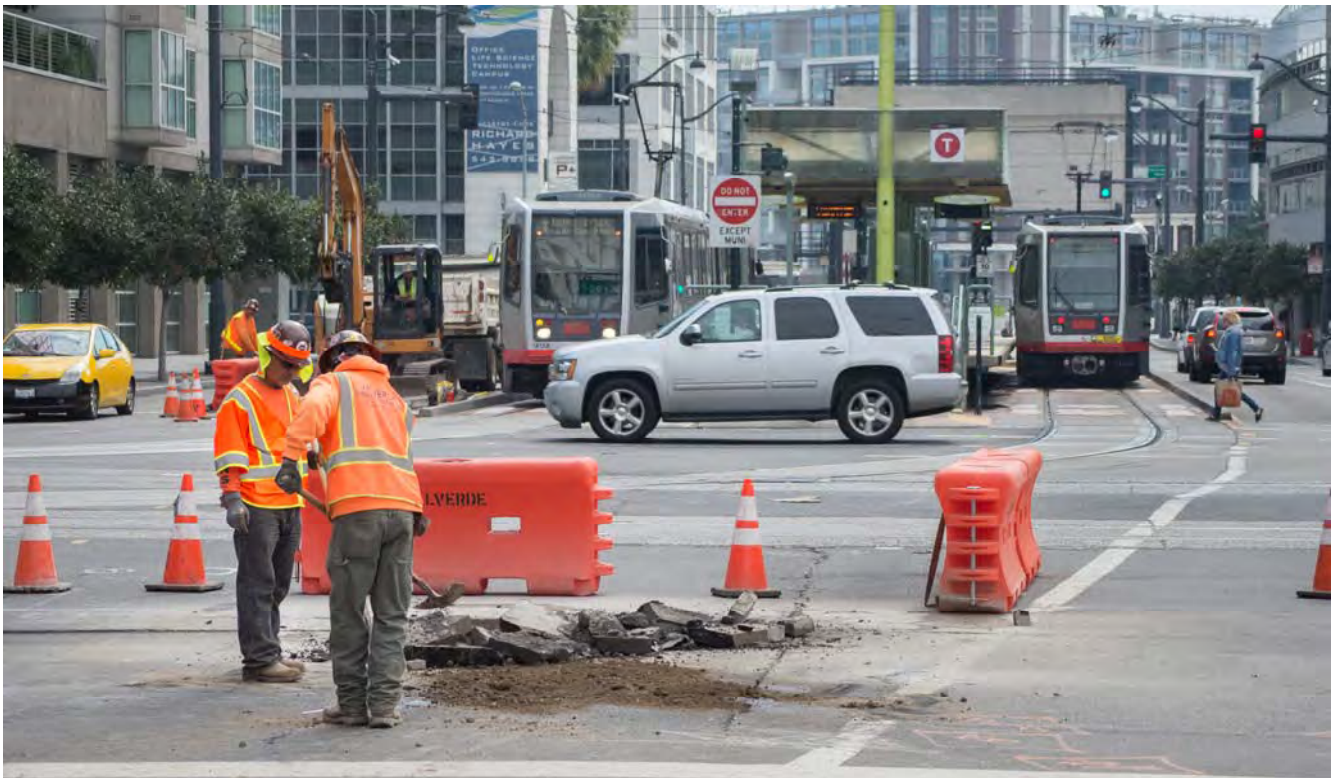
*A telehandler lifts one of several steel pile casings used to construct foundation piles at the 4th and Brannan Station site.*



## STS - continued



***Before a road bed can be constructed for surface tracks south of Brannan, a century-old sewer is being uncovered and rebuilt with reinforced concrete.***



***Potholing to locate utilities is being performed on 4th Street north of King, across from the Caltrain Station.***

*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, below. 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 \$772.37 million, an \$9.92 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$732.78 million) plus the utilities joint trench Form B Reimbursement payment (\$10.03 million), invoices currently being processed (\$17.59 million) and estimates of outstanding pay requests (\$11.97 million). This incurred amount equals 48.94% 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	50	1/31/2014	\$ 19,772.00
CS155.1	51	2/28/2014	\$ 13,963.00
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
CS155.2	55	9/30/2014	\$ 130,948.00
CS155.2	56	10/31/2014	\$ 134,792.00
CS155.2	57	11/30/2014	\$ 111,800.00
CS155.2	58	12/31/2014	\$ 116,531.00
CS155.2*	59	1/31/2015	\$ 159,298.00
CS155.2*	60	2/28/2015	\$ 124,730.00
CS155.2*	61	3/31/2015	\$ 150,943.00

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.3	55	10/31/2014	\$ 43,685.67
CS155.3	56	11/30/2014	\$ 55,658.00
CS155.3	57	12/31/2014	\$ 51,670.00
CS155.3*	58	1/31/2015	\$ 36,919.00
CS155.3*	59	2/28/2015	\$ 57,508.00
CS155.3*	60	3/31/2015	\$ 70,302.00
Contract 1252	37	2/28/2015	\$ 1,768,919.34
Contract 1252*	38	3/30/2015	\$ 1,482,588.75
Contract 1300	14	2/28/2015	\$ 13,264,675.00
Contract 1300*	15	3/31/2015	\$ 7,189,049.00
CS149	70	11/30/2014	\$ 568,375.99
CS149	71	12/31/2014	\$ 935,082.33
CS149*	72	1/31/2015	\$ 650,000.00
CS149*	73	2/28/2015	\$ 685,000.00
CS149*	74	3/31/2015	\$ 685,000.00
CS156.1	47	12/31/2014	\$ 49,941.87
CS156.1*	48	1/31/2015	\$ 80,000.00
CS156.1*	49	2/28/2015	\$ 80,000.00
CS156.1*	50	3/31/2015	\$ 80,000.00
other accruals*		3/31/2015	\$ 404,131.32

\* Estimated Amount

\$ 29,564,656.27

**2. CONTINGENCY ALLOCATIONS AND USAGE**

The current Total Project Contingency is **\$80.97 million**, which is a \$59.03 million unfavorable balance against the current Minimum Contingency level of \$140 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 had processed one contract modification for the amount of \$112,102. SFPUC reimbursed Contract Modification #48 for North Beach Water Main Additional Work carried out in Contract 1252 Tunnel. Contract 1300 Stations

had not processed any contract modification. Refer to Report 7.5 for approved contract modification 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)		
<b>TOTAL</b>	<b>(12,227,954)</b>	<b>10,030,200</b>	

**5. EARNED VALUE (EV) ANALYSIS**

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

**March Earned Value**

Overall Budgeted Cost:	\$ 1,578,300,000
Planned Value:	837,667,203
Earned Value:	770,146,487
Actual Cost:	772,374,775
Schedule Performance Index (SPI):	0.92
Cost Performance Index (CPI):	1.00
Percent Complete:	48.65%

Over all, the program is 48.65% complete, on schedule (with an SPI of 0.92) and on budget (CPI 1.00). The Earned Value Cash Flow is shown in Report 7.2 below.



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

<b>Funding Available Table</b>		
	<b>Funding</b>	
	<b>Committed Funding Sources</b>	<b>Total Awarded Funds to Date</b>
<b>Federal</b>		
Sect. 5309-NS	\$942,200	\$469,196
CMAQ	\$41,025	\$41,025
<b>Federal Subtotal</b>	<b>\$983,225</b>	<b>\$510,221</b>
<b>State</b>		
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
<b>State Subtotal</b>	<b>\$471,100</b>	<b>\$395,598</b>
<b>Local</b>		
Prop. K	\$123,975	\$123,975
<b>Local Subtotal</b>	<b>\$123,975</b>	<b>\$123,975</b>
<b>CPT 544 Total</b>	<b>\$1,578,300</b>	<b>\$1,029,794</b>

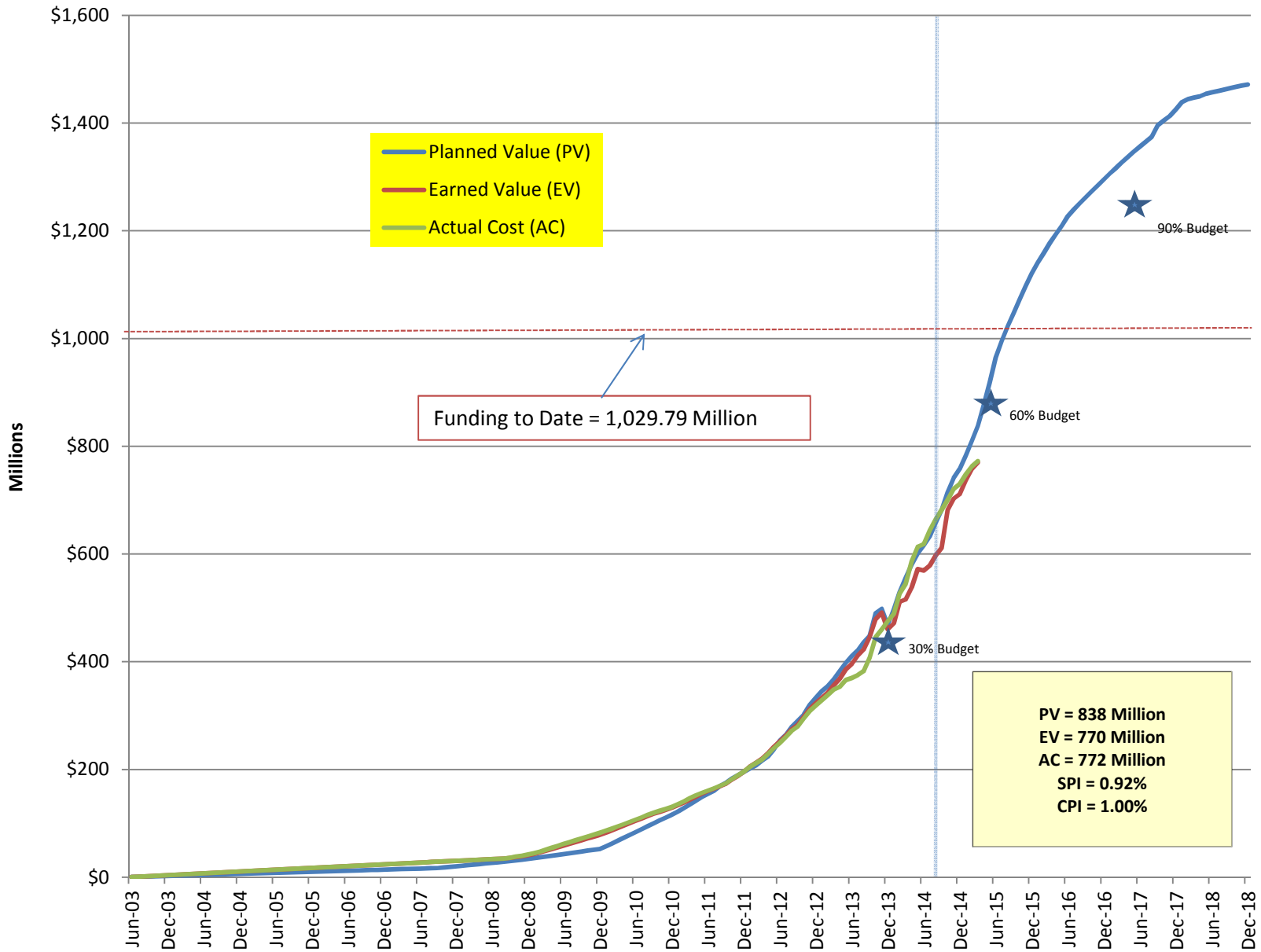
**7. LIST OF COST REPORTS**

- 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



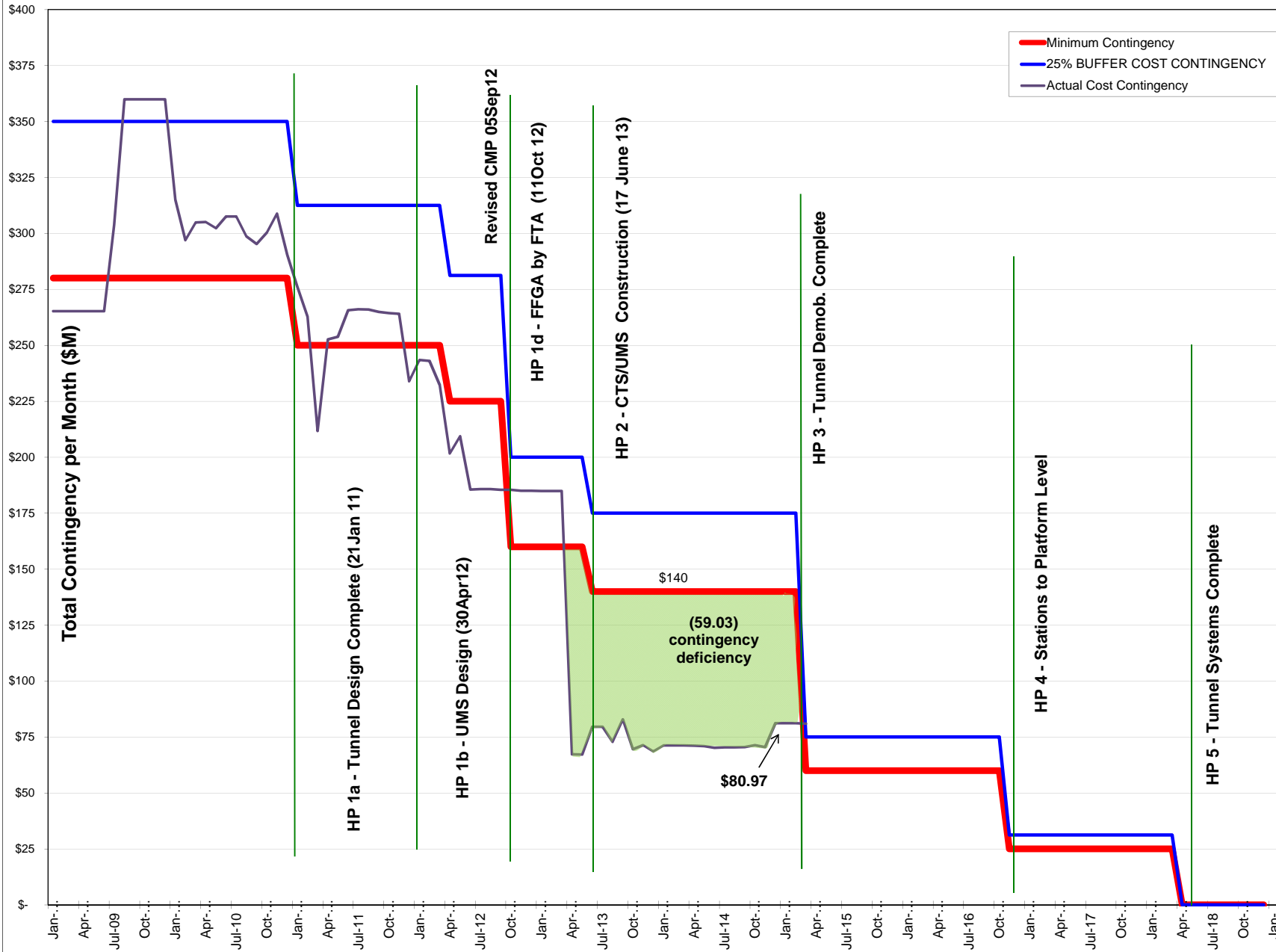
<b>A. Central Subway Project</b>							Cost Report
Project	Name	Amount	PM	Funding Source	Reporting	Notes	
1	CPT544 Central Subway Project	\$1,578,300,000	J. Funghi	62% Fed, 30% State, 8% Local	yes	1	
<b>Total:</b>		<b>\$1,578,300,000</b>					
<b>B. Related SFMTA Capital Improvement Projects</b>							
Project	Name	Amount	PM	Funding Source	Reporting		
2	CPT690 TBM Retrieval Shaft Relocation	\$9,700,000	Funghi/Magyar	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. Magyar	I-Bond Interest	no	4	
5	CPT705 MOH - Broadway/Sansome	\$8,000,000	K. Magyar	MTA Operating Funds	no	5	
<b>Total:</b>		<b>\$27,047,750</b>					
<b>C. Central Subway Project - Project Offset Credits</b>							
	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	11a	
<b>Total:</b>		<b>\$24,005,900</b>					

# 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	ORIGINAL CONTRACT VALUE + REVISED AUTHORIZED CONTINGENCY	BUDGET - ESTIMATE AT COMPLETE		
	a	b	[a + b]	d	[c + d]	f	g	h	i	[a + h]	[j - e]		
<b>SCC 10-50 CONSTRUCTION CONTRACT PACKAGES</b>													
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	13	
	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	14	
	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	(104,753)	234,901,069	23,658,464	(6,173,511)	17,484,953	16,063,145	251,068,968	16,167,898	15
1300	STATIONS	839,676,400	(1,432,743)	838,243,657	8,913,669	847,157,326	20,000,000		20,000,000	21,432,743	859,676,400	12,519,074	16
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	90,000	294,120,590	3,766,835	297,887,425	5,000,000		5,000,000	4,910,000	299,030,590	1,143,165	
	1254 CHINA TOWN STATION [CTS]	247,567,810	230,956	247,798,766	7,609,947	255,408,713	5,000,000		5,000,000	4,769,044	252,567,810	(2,840,903)	
	1255 YERBA BUENA/ MOSCONE STATION [YBM]	158,089,000	(1,833,869)	156,255,131	1,162,170	157,417,301	5,000,000		5,000,000	6,833,869	163,089,000	5,671,699	
	1256 SURFACE TRACKWORK & SYSTEMS [STS]	139,989,000	80,170	140,069,170	(3,625,284)	136,443,886	5,000,000		5,000,000	4,919,830	144,989,000	8,545,114	
OTHER		30,733,501		30,733,501		30,733,501	1,160,000		1,160,000	1,160,000	31,893,501	1,160,000	
SCC 10 - 50 Construction Sub-total		1,130,342,776	6,645,307	1,136,988,083	8,808,916	1,145,796,999	44,818,464	(6,173,511)	38,644,953	38,655,888	1,175,643,971	29,846,972	
<b>SCC 60 - 80 SOFT COSTS PACKAGES</b>													
60	ROW, LAND, EXISTING IMPROVEMENTS	36,511,799		36,511,799		36,511,799	1,000,000		1,000,000	1,000,000	37,511,799	1,000,000	
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	17
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		360,338,840		360,338,840	21,498,020	10,799,712	32,297,732	32,297,732	392,636,572	32,297,732	
SCC 90	UNALLOCATED CONTINGENCY						3,845,945	6,173,511	10,019,456	10,019,456	10,019,456	10,019,456	18
<b>TOTAL</b>		<b>1,501,481,328</b>	<b>6,645,307</b>	<b>1,497,326,923</b>	<b>8,808,916</b>	<b>1,506,135,839</b>	<b>70,162,429</b>	<b>10,799,712</b>	<b>80,962,141</b>	<b>80,973,076</b>	<b>1,578,299,999</b>	<b>72,164,160</b>	
											<b>Total Project Budget</b>	<b>1,578,300,000</b>	19
											<b>Estimate At Completion</b>	<b>1,506,135,839</b>	20
											<b>Variance</b>	<b>72,164,160</b>	21
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: 3/22/2015**

**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	\$5,150,000	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: 3/22/2015**

**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
<b>Sub Total:</b>			<b>\$1,421,807.23</b>	



**Contract Modification/Trend Log - Contract 1252 Tunnel**

Awarded NTE Amount: \$233,584,015.00  
Substantial Completion: 3/22/2015

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

Contract Modifications			Amount	
No.	Description	COR/PCC No.	CMod	Contract NTE

Pending Contract Modifications		COR/PCC No.	Estimated	
Description			Amount	Time
49	Contract Milestone Changes	Cmod # TBD	NA	0
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	(\$104,753.00)	
<b>Sub Total:</b>			(\$104,753.00)	

**Contract Modification/Trend Log - Contract 1300 Stations**

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

	UMS	CTS	YBM	STS	COST REPORT NOTES
<b>Potential Changes</b>	<b>\$3,766,835</b>	<b>\$7,609,947</b>	<b>\$1,162,170</b>	<b>(\$3,625,284)</b>	22
<b>Forecasted - Trends</b>	<b>\$2,665,824</b>	<b>\$7,458,379</b>	<b>\$432,000</b>	<b>\$205,000</b>	
<b>Negotiation</b>					
CTS Sewer Line Demo at Washing		\$57,707			
CTS Utility Conflict at WD Tie-In		\$14,672			
DEL of duct bank on Stockton to Sac		(\$84,018)			
Modification to UMS Roof Composite	\$14,336				
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-Plaza Surface Level Struct Mods		\$15,701			
STS - OCS Pole Changes				\$12,706	
YBM COR 20 (E) conflicts with AWSS			\$12,506		
YBM COR 18R1 AWSS conflict with PG&E			\$16,012		
STS Traction Power Cable Downsizing				(\$117)	
YBM COR 25 WM conflict with AWSS			\$13,850		
STS PCC #020 Deletion of ARS				(\$4,689,000)	
UMS - Geoprobe Credit	(\$30,320)				
UMS - Relocation of TS Cabinet	\$22,808				
UMS- Change of date to receive art	\$0				
YBM Delete Instrument & Monitoring			(\$1)		
STS - Tunnel Lowering				\$100,000	
STS - Additional AT&T DB at 4th				\$73,418	
YBM - Delete Post-Grout of TB-2			(\$10,000)		
YBM_CTS End of Platform Gate Revisi			\$100,000		
CTS - CMU Wall Bracing		\$0			
UMS Transfer Instru BART Facilities	\$0				
UMS - 12" Water Line Relocation	\$0				
CTS-PCC40 Plaza Surface Slab Pntrtn		\$0			
YBM PCC 41 Install #7 Box Clementin			\$25,000		



**Contract Modification/Trend Log - Contract 1300 Stations**

**Awarded NTE Amount**  
**Substantial Completion**

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

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

	UMS	CTS	YBM	STS	COST REPORT NOTES
YBM PCC 42 10-in culvert on Folsom			\$78,734		
<b>Change Order Request (COR)</b>					
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 - G50 Steel in Lieu of A913 G70	\$626,780				
UMS - Fire Hydrant at O'Farrell	\$92,978				
YBM-FACO #28 concrete obst 20" cut			\$10,000		
STS - Additn manholes for 78" sewer				\$27,204	
STS COR 17 Changes to Sewer Structu				\$20,000	
YBM COR 23 (E) sewer conflict AWSS			\$7,755		
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			
YBM-FACO #36 Buried sheet pile P-7			\$7,500		
YBM-FACO #35 Buried objects in P-86			\$10,000		
UMS-FACO #32 8" Waterline Conf NDSC	\$43,000				
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		\$18,000			
UMS-FACO #25 OCS Pole@ Market/Ellis	\$2,000				
YBM-FACO #22 potential contam soil			\$20,000		
YBM-FACO #21 Buried timber piles			\$15,000		
YBM-FACO #18 Add analytical tests			\$5,000		
UMS-FACO #19 Street Light at Stock.	\$4,000				
YBM-FACO #14 Abandoned sewer not			\$10,000		
YBM-FACO #12 Buried concrete wall			\$20,000		
UMS-FACO #50 UMS Parking Garage	\$20,000				
STS-FACO #47 Sewer Related Work Pt2				\$25,000	
UMS FACO #34 Becho Obstruct J Piles	\$15,000				
UMS FACO #45 Blocked Stubs PG&E	\$7,500				

**Contract Modification/Trend Log - Contract 1300 Stations**

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

	UMS	CTS	YBM	STS	COST REPORT NOTES
UMS FACO #38 Pile H3 & H4 Piles	\$15,000				
STS-FACO #41 Groundwater Lead Filtr				\$5,000	
UMS-FACO #30 NDSC Inadequate CDF	\$50,000				
UMS MRY Duct Bank-East Conflict	\$10,000				
YBM FACO 54 Remove rigging straps			\$7,500		
YBM-FACO #24 Culvert NW corn Folsom			\$10,000		
YBM-FACO 51 Headwall ovpour jet gro			\$25,000		
UMS FACO #52 NDSC Transite Pipe	\$20,000				
STS- AT&T Conduit Changes				\$22,290	
STS - VECP HDPE Pipe in Lieu of Ste				(\$197,274)	
STS - 12" AWSS Incorrectly Shown				\$24,496	
YBM - Issues with C1252 headwalls			\$335,809		
UMS DSC Mass of Conc Stocktn 137+15	\$7,500				
YBM COR 78 Change POC by SFWD			\$10,505		
UMS DSC Tanks in Stockton N of Gear	\$121,519				
CTS - VECP 15" VCP to CIPL on Wash		(\$7,535)			
<b>Approved</b>	<b>\$90,000</b>	<b>\$230,956</b>	<b>(\$1,833,869)</b>	<b>\$80,170</b>	
<b>Contract Modification</b>					
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			
CMod #4 CTS-Force Account Change Or		\$130,000			
Cmod #7 STS FACOs 016, 017 &COR 009				\$80,170	
<b>Grand Total</b>	<b>\$3,856,835</b>	<b>\$7,840,903</b>	<b>(\$671,699)</b>	<b>(\$3,545,114)</b>	

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

Report Period: Mar 2015

Group by Contract & SCC	CATEGORY ITEM	Feb 2015			Mar 2015			BUDGET TRANSFERS [Mar 2015] vs. [Feb 2015]	Cost Report Notes
		Feb 2015 Base	Feb 2015 Allocated Contingency	Feb 2015 Base + Allocated Contingency (YOE)	Mar 2015 Base	Mar 2015 Allocated Contingency	Mar 2015 Base + Allocated Contingency (YOE)		
<b>10-50</b>	<b>CONSTRUCTION CONTRACT PACKAGES</b>	<b>1,136,988,083</b>	<b>38,655,888</b>	<b>1,175,643,971</b>	<b>1,137,100,185</b>	<b>38,543,786</b>	<b>1,175,643,971</b>	<b>0</b>	
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	235,117,924	15,951,043	251,068,968	0	23
	Contract 1252 Form B Credit	(254,050)		(254,050)	(254,050)		(254,050)	0	
<b>1300</b>	<b>CN1300 STATIONS TOTAL</b>	<b>838,243,657</b>	<b>21,432,743</b>	<b>859,676,400</b>	<b>838,243,657</b>	<b>21,432,743</b>	<b>859,676,400</b>	<b>0</b>	
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	
<b>OTHER</b>	<b>OTHER CONSTRUCTION TOTAL</b>	<b>45,886,751</b>	<b>1,160,000</b>	<b>47,046,751</b>	<b>45,886,751</b>	<b>1,160,000</b>	<b>47,046,751</b>	<b>0</b>	
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	
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	
40.02	PUBLIC AGENCIES UTILITY COORDINATION	3,713,215		3,713,215	3,713,215		3,713,215	0	



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

Report Period: Mar 2015

Group by Contract & SCC	CATEGORY ITEM	Feb 2015			Mar 2015			BUDGET TRANSFERS [Mar 2015] vs. [Feb 2015]	Cost Report Notes
		Feb 2015 Base	Feb 2015 Allocated Contingency	Feb 2015 Base + Allocated Contingency (YOE)	Mar 2015 Base	Mar 2015 Allocated Contingency	Mar 2015 Base + Allocated Contingency (YOE)		
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	<b>ROW, LAND, EXISTING IMPROVEMENTS</b>	<b>36,511,799</b>	<b>1,000,000</b>	<b>37,511,799</b>	<b>36,511,799</b>	<b>1,000,000</b>	<b>37,511,799</b>	<b>0</b>	
60.01	PURCHASE OR LEASE OF REAL ESTATE	34,331,288	1,000,000	35,331,288	34,331,288	1,000,000	35,331,288	0	
60.02	RELOCATION OF EXISTING HOUSEHOLDS	2,180,511		2,180,511	2,180,511		2,180,511	0	
70	<b>VEHICLES</b>	<b>13,309,000</b>	<b>13,076,653</b>	<b>26,385,653</b>	<b>13,309,000</b>	<b>13,076,653</b>	<b>26,385,653</b>	<b>0</b>	
70.01	LIGHT RAIL	13,309,000	13,076,653	26,385,653	13,309,000	13,076,653	26,385,653	0	17
70.07	SPARE PARTS								
80	<b>PROFESSIONAL SERVICES</b>	<b>310,518,041</b>	<b>18,221,079</b>	<b>328,739,120</b>	<b>310,518,041</b>	<b>18,221,079</b>	<b>328,739,120</b>	<b>0</b>	
80.01	PRELIMINARY ENGINEERING	46,202,674		46,202,674	46,202,674		46,202,674	0	
80.02	FINAL DESIGN								
80.06		61,322,751		61,322,751	61,322,751		61,322,751	0	
80.03	PROJECT MANAGEMENT FOR DESIGN & CONSTRUCTION	89,042,634	13,905,845	102,948,479	89,042,634	13,905,845	102,948,479	0	
80.04	CONSTRUCTION ADMINISTRATION & MANAGEMENT	91,016,791	2,956,812	93,973,603	91,016,791	2,956,812	93,973,603	0	
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	

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

Report Period: Mar 2015

		Feb 2015			Mar 2015				
Group by Contract & SCC	CATEGORY ITEM	Feb 2015 Base	Feb 2015 Allocated Contingency	Feb 2015 Base + Allocated Contingency (YOE)	Mar 2015 Base	Mar 2015 Allocated Contingency	Mar 2015 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [Mar 2015] vs. [Feb 2015]	Cost Report Notes
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	
	<b>ALL SCC CATEGORIES 10 TO 80</b>	<b>1,497,326,923</b>	<b>70,953,620</b>	<b>1,568,280,543</b>	<b>1,497,439,025</b>	<b>70,841,518</b>	<b>1,568,280,543</b>	<b>0</b>	
90	<b>UNALLOCATED CONTINGENCIES</b>			<b>10,019,459</b>			<b>10,019,459</b>	<b>0</b>	
	<b>TOTAL PROJECT COST 10 TO 100</b>			<b>1,578,300,002</b>			<b>1,578,300,002</b>		
	<b>TOTAL CONTINGENCY</b>			80,973,079			80,860,977		
	<b>CONTINGENCY MINIMUM</b>			140,000,000			140,000,000		
	<b>BELOW OR ABOVE MINIMUM</b>			(59,026,921)			(59,139,023)		

COST STATUS BY CATEGORY	SCC CODES	BUDGET Feb 2015	BUDGET TRANSFERS	BUDGET Mar 2015	Mar 2015 CTD	Mar 2015 EAC
CONSTRUCTION	SCC 010 - 050	1,175,643,972	0	1,175,643,972	532,120,884	1,145,796,998.65
REAL ESTATE	SCC 060	37,511,799	0	37,511,799	29,794,816	36,511,799.00
VEHICLES	SCC 070	26,385,653	0	26,385,653	2,145,579	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	90,639,172	180,059,425.14
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,296,033	0	24,296,033	10,272,341	22,933,191.00
UNALLOC CONTINGENCY	SCC 090	10,019,456	0	10,019,456		
<b>Grand Total</b>		<b>1,578,300,000</b>	<b>0</b>	<b>1,578,300,000</b>	<b>772,374,776</b>	<b>1,506,135,839</b>



SCC DESCRIPTION	Mar 2015 BUDGET	Mar 2015 CTD
010 - GUIDEWAY & TRACK ELEMENTS	299,528,778	171,688,074
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	575,626,655	187,558,410
040 - SITEWORK & SPECIAL CONDITIONS	221,942,096	165,314,667
050 - SYSTEMS	90,774,397	7,559,734
060 - ROW, LAND, EXISTING IMPROVEMENTS	37,511,799	29,794,816
070 - VEHICLES (number)	26,385,653	2,145,579
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	328,739,120	208,313,496
000 - FORM B REIMBURSEMENTS	(12,227,954)	0
090 - UNALLOCATED CONTINGENCY	10,019,456	
<b>Grand Total</b>	<b>1,578,300,000</b>	<b>772,374,776</b>

SCC DESCRIPTION	Mar 2015 BUDGET	Mar 2015 CTD
010.06-Guideway: Underground cut & cover	70,654,862	60,901,899
010.07-Guideway: Underground tunnel	209,100,916	109,152,617
010.09-Track: Direct fixation	10,046,180	316,104
010.10-Track: Embedded	4,357,310	1,148,502
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	176,107,100
020.07-Elevators, escalators	22,464,000	11,164,300
040.01-Demolition, Clearing, Earthwork	9,315,654	7,885,393
040.02-Site Utilities, Utility Relocation	66,084,838	53,643,105
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	831,054
040.07-Automobile, bus, van accessways including roads, parking lots	7,200,862	3,291,925
040.08-Temporary Facilities and other indirect costs during construction	121,242,473	92,983,707
050.01-Train control and signals	30,623,972	2,887,998
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	27,907,335
060.02-Relocation of existing households and businesses	2,180,511	1,887,481
070.01-Light Rail	26,385,653	2,145,579
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	102,948,479	56,991,721
080.04-Construction Administration & Management	93,973,603	33,647,451

SCC DESCRIPTION	Mar 2015 BUDGET	Mar 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	3,893,884
080.07-Surveys, Testing, Investigation, Inspection	883,100	12,097
080.08-Start up	8,350,329	26,164
090.00-Unallocated Contingency	10,019,456	
00.01-FORM B REIMBURSEMENTS (No SCC Code)	(12,227,954)	0
<b>Grand Total</b>	<b>1,578,300,000</b>	<b>772,374,776</b>



[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] Mar 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
<b>TOTAL PRELIMINARY ENGINEERING</b>	<b>46,542,061</b>	<b>46,542,061</b>	<b>0</b>	<b>0</b>	<b>46,542,061</b>	<b>0</b>	24
11 - SFMTA PROJECT MANAGEMENT	8,828,359	8,253,957	0	0	8,253,957	574,403	25
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	11,425,594	0	26
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	27
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	28
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	26,793,234	26,793,234	0	0	26,793,234	0	29
66 - ANIL VERMA	395,204	395,204	0	0	395,204	0	30
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	31
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	26,220,609	0	32
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	0	11,432,312	(0)	33
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	
<b>TOTAL FINAL DESIGN</b>	<b>115,075,987</b>	<b>113,929,833</b>	<b>0</b>	<b>0</b>	<b>113,929,833</b>	<b>1,146,155</b>	
11 - SFMTA PROJECT MANAGEMENT	15,589,933	3,631,844	186,771	220,714	3,852,558	0	
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	15,589,933	3,631,844	186,771	220,714	3,852,558		
12 - SFMTA ENGINEERING SERVICES	905,264	1,163,878	55,716	90,150	1,254,028	669,554	
1.3.012.02.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1252	123,582	42,388	408	6,049	48,437	75,146	
1.3.012.06.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1300	1,800,000	1,121,490	55,308	84,102	1,205,592	594,408	
13 - SFMTA CONSTRUCTION MANAGEMENT	44,075,375	6,178,496	246,040	302,659	6,481,155	36,575,902	
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	43,057,057	6,178,496	246,040	302,659	6,481,155	36,575,902	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,588,074	1,138,077	12,177	21,249	1,162,829	2,428,747	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	37,860	4,755	12,916	50,776	248,824	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	11,653	483	2,614	14,267	260,633	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	58,895	362	2,564	61,459	176,941	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	23,549	2,624	2,427	25,976	850,900	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] Mar 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
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	131,563	0	0	131,563	(131,563)	
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	86,896	3,954	728	87,624	(87,624)	
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	153,027	0	0	153,027	546,973	
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 DURI	50,000	26,164	0	0	26,164	23,836	
21 - ARTS COMMISSION	12,010,885	775,472	79,128	25,795	801,267	11,368,588	
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION COS	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	34
1.3.021.06.080.03 - ARTS:CTYCO-ARTS COMMISSION PM [285MC.132J]	158,970	0	0	0	0	158,970	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [E335]	21,000	9,505	1,548	0	9,505	11,496	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT5441327.CPT544]	1,500,000	288,100	53,400	0	288,100	1,211,900	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT544]	1,903,000	51,351	12,827	11,890	63,241	1,839,759	
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	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)	0	0	0	0	(2,925,296)	
26 - PLANNING	137,062	8,729	0	3,922	12,651	124,411	
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	8,729	0	3,922	12,651	124,411	
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	1,912,911	22,381	55,288	1,968,199	2,273,813	
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	494,585	0	707	495,292	(96,892)	
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	27,741	3,343	6,818	34,559	571,795	
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	8,890	4,361	21,474	30,363	199,637	
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	77,812	5,384	4,034	81,846	189,909	
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	6,956	0	0	6,956	108,044	

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	[B] Mar 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPORT	450,282	64,472	330	3,840	68,311	381,971	
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	1,633	0	2,375	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 [4	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	62,794	8,963	10,103	72,897	447,180	
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTION	207,000	58,799	0	5,938	64,737	142,263	
<b>32 - DPW - IDC ENGINEERING (HYDRAULIC)</b>	<b>1,150,459</b>	<b>59,878</b>	<b>6,028</b>	<b>13,835</b>	<b>73,714</b>	<b>896,745</b>	
1.3.032.01.080.04 - CM:DPW:1424J-BUREAU OF ENGINEERING (BOE) [AB12]	60,000	59,878	6,028	13,835	73,714	(13,714)	
1.3.032.03.080.04 - DPW IDC HYDRAULIC CN1300 UMS SUPPORT	297,938	0	0	0	0	297,938	
1.3.032.04.080.04 - DPW IDC HYDRAULIC CN1300 CTS SUPPORT	295,639	0	0	0	0	295,639	
1.3.032.05.080.04 - DPW IDC HYDRAULIC CN1300 YBM SUPPORT	301,882	0	0	0	0	301,882	
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	0	0	0	0	180,000	
<b>34 - DPW - IDC CONSTRUCTION (CAPITAL)</b>	<b>6,695,348</b>	<b>3,726,913</b>	<b>44,712</b>	<b>68,772</b>	<b>3,795,685</b>	<b>2,899,664</b>	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [CD12]	730,000	818,529	0	0	818,529	(88,529)	
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	629,844	44,712	68,772	698,616	2,920,590	
<b>36 - DPW - BSM INFRASTRUCTURE (MAPPING)</b>	<b>465,562</b>	<b>94,103</b>	<b>0</b>	<b>0</b>	<b>94,103</b>	<b>452,459</b>	
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	28,339	0	0	28,339	61,661	
1.3.036.06.080.06 - DPW:MPPG:BSM PERMIT REVIEW	39,433	0	0	0	0	39,433	
<b>37 - DPW - PCS MATERIAL TESTING LABORATORY</b>	<b>83,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,100</b>	
1.3.037.01.080.07 - DPW.MTL.LABDPW-MATERIAL TESTIN	83,100	0	0	0	0	83,100	
<b>39 - DPW - PCS SITE ASSESSMENT &amp; REMEDIATION (SAR)</b>	<b>622,474</b>	<b>912,885</b>	<b>0</b>	<b>0</b>	<b>917,953</b>	<b>(295,479)</b>	
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) - CN12	18,632	12,878	0	0	12,878	5,754	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) - CN13	41,379	6,443	0	0	11,511	29,868	
<b>46 - MACY'S WEST - SFPUC SEWER WORK</b>	<b>258,202</b>	<b>258,202</b>	<b>0</b>	<b>0</b>	<b>258,202</b>	<b>0</b>	
1.3.046.08.040.02 - MCY.SWRC. CONTRACT: MACY'S-SEW	258,202	258,202	0	0	258,202	0	
<b>51 - 821 HOWARD STREET</b>	<b>4,690,481</b>	<b>356,642</b>	<b>14,775</b>	<b>13,657</b>	<b>370,298</b>	<b>4,320,183</b>	
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	4,625,481	352,333	14,219	13,657	365,990	4,259,491	



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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	3,253	556	0	3,253	51,747	
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)	35
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	42,373,401	20,629,030	970,082	685,000	21,314,030	21,059,371	
1.3.063.01.080.03 - CM:PM:AECOM.CS149 OM-EPC JV CS149-PM	9,507,939	6,464,572	388,033	(37,385)	6,427,187	3,080,752	36
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3B]	5,218,630	4,139,366	582,049	(56,077)	4,083,288	1,135,342	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3E]	7,000,000	3,801,200	0	762,032	4,563,233	2,436,767	
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	117,211	0	16,430	133,641	466,359	
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	830,976	47,772	70,000	900,976	9,176,910	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1337]	10,000,000	753,090	47,772	70,000	823,090	9,176,910	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. [1330]	1,000,000	77,887	0	0	77,887	922,113	
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	1,358,950	1,879,086	19,070	16,373	1,895,459	(536,509)	
1.3.071.01.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1232]	0	(87,201)	0	0	(87,201)	87,201	37
1.3.071.02.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1332]	1,358,950	1,966,287	19,070	16,373	1,982,660	(623,710)	
72 - STATIONS - CONTRACT # CONTRACT 155-2	8,752,240	2,385,296	320,375	(34,229)	2,351,067	6,401,173	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	50,000	51,351	2,194	0	51,351	(1,351)	38
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	8,702,240	2,333,946	318,181	(34,229)	2,299,717	6,402,523	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	4,828,269	681,952	57,243	70,302	752,254	4,076,015	
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	592,161	57,243	70,302	662,463	4,075,806	
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	
82 - UTILITIES RELOCATION #2 (UMS) - CONTRACT 1251	20,794,582	20,794,582	0	0	20,794,582	0	39
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	
<b>GUIDEWAY TUNNELS TOTAL</b>	<b>251,068,968</b>	<b>230,878,495</b>	<b>2,237,455</b>	<b>1,415,931</b>	<b>232,294,426</b>	<b>18,774,543</b>	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	228,798,734	2,463,470	1,770,279	230,569,013	3,015,002	
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGRN'D CUT	60,446,425	59,498,820	1,315,000	1,009,058	60,507,878	(61,453)	
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGROUND	105,423,090	104,716,564	267,655	243,561	104,960,125	462,965	
1.3.083.02.020.03 - CONTRACT 1252: STATIONS: UNDERGROUND	21,685,000	21,685,000	0	0	21,685,000	0	

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1.3.083.02.040.01 - CONTRACT 1252:SITWORK:DEMO CLEARING	2,440,000	2,246,600	27,565	105,000	2,351,600	88,400	
1.3.083.02.040.02 - CONTRACT 1252:SITWORK:UTILITIES & RE	10,895,000	9,511,927	298,000	233,424	9,745,351	1,149,649	
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	820,000	0	138,500	958,500	386,500	
1.3.083.02.040.08 - CONTRACT 1252:SITWORK:TEMP FACILITIE	30,799,500	30,215,532	555,250	40,736	30,256,268	543,232	
<b>83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs</b>	<b>1,326,807</b>	<b>2,079,760</b>	<b>(226,015)</b>	<b>(354,348)</b>	<b>1,725,413</b>	<b>(303,605)</b>	
1.3.083.83.010.06 - CONTRACT 1252: CONTRACT MOD	81,937	75,389	0	0	75,389	6,548	
1.3.083.83.010.07 - CONTRACT 1252: CONTRACT MOD	1,180,322	1,280,322	97,326	0	1,280,322	(100,000)	
1.3.083.83.020.03 - CONTRACT 1252: CONTRACT MOD	965,121	936,961	83,546	112,102	1,049,063	(83,942)	
1.3.083.83.040.02 - CONTRACT 1252: CONTRACT MOD	1,665,207	1,498,322	0	0	1,498,322	166,885	
1.3.083.83.040.03 - CONTRACT 1252: CONTRACT MOD	401,933	401,933	100,000	0	401,933	0	
1.3.083.83.040.08 - CONTRACT 1252: CONTRACT MOD	(2,872,713)	(2,113,167)	(506,887)	(466,450)	(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	40
<b>CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL</b>	<b>859,676,400</b>	<b>235,614,773</b>	<b>10,347,743</b>	<b>6,760,337</b>	<b>242,375,110</b>	<b>617,301,290</b>	
<b>84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAGI</b>	<b>294,030,590</b>	<b>102,386,776</b>	<b>2,857,657</b>	<b>2,610,517</b>	<b>104,997,293</b>	<b>189,033,297</b>	<b>16</b>
1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	244,470,715	74,658,248	2,157,657	910,000	75,568,248	168,902,467	
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,874,000	5,631,170	200,000	500,517	6,131,687	3,742,313	
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	4,500,000	2,744,819	200,000	500,000	3,244,819	1,255,181	
1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	4,141,998	3,358,341	50,000	100,000	3,458,341	683,657	
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	977,907	50,000	100,000	1,077,907	514,093	
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	24,575,001	14,755,625	200,000	500,000	15,255,625	9,319,376	
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	
<b>84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODs</b>	<b>90,000</b>	<b>90,000</b>	<b>0</b>	<b>0</b>	<b>90,000</b>	<b>0</b>	
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	41
<b>85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254</b>	<b>247,567,810</b>	<b>53,754,401</b>	<b>2,309,653</b>	<b>1,535,934</b>	<b>55,290,335</b>	<b>192,277,475</b>	<b>16</b>
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUN	72,593,358	2,479,650	100,000	0	2,479,650	70,113,708	
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	136,832,027	36,553,588	1,809,653	1,274,045	37,827,633	99,004,394	
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,900,000	706,738	100,000	161,889	868,627	6,031,373	
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	3,465,064	100,000	0	3,465,064	958,937	
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	427,000	438,985	100,000	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	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] Mar 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	18,068,000	9,081,078	100,000	100,000	9,181,078	8,886,922	
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	
<b>85 - CHINATOWN STATION (CTS) CMODs</b>	<b>230,956</b>	<b>25,956</b>	<b>0</b>	<b>0</b>	<b>25,956</b>	<b>205,000</b>	
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	
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	4,769,044	0	0	0	0	4,769,044	42
<b>86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255</b>	<b>158,089,000</b>	<b>59,266,549</b>	<b>2,823,986</b>	<b>2,453,044</b>	<b>61,719,593</b>	<b>96,369,407</b>	<b>16</b>
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	118,380,549	37,970,863	1,908,012	2,000,000	39,970,863	78,409,686	
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,600,000	3,820,942	165,000	253,044	4,073,986	1,526,014	
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	5,971,080	220,000	200,000	6,171,080	628,919	
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,512,000	2,433,341	130,000	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	241,740	100,974	0	241,740	1,353,260	
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,865,000	7,861,522	300,000	0	7,861,522	8,003,478	
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	
<b>86 - YERBA BUENA MOSCONE STATION (YBM) CMODs</b>	<b>(1,833,869)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,833,869)</b>	
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	43
<b>87 - SURFACE TRACKWORK AND SYSTEMS -WORK PACKAGE 1256</b>	<b>139,989,000</b>	<b>20,091,091</b>	<b>2,356,447</b>	<b>160,842</b>	<b>20,251,933</b>	<b>119,737,067</b>	
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	1,148,502	0	0	1,148,502	3,208,808	
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	7,720,903	1,557,647	0	7,720,903	8,691,097	
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	815,072	100,000	0	815,072	1,384,928	
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	9,950,000	5,395,475	100,000	0	5,395,475	4,554,525	
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL	30,136,000	2,617,156	598,801	160,842	2,777,998	27,358,002	
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	844,000	26,557	0	0	26,557	817,443	
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	10,439,000	301,719	0	0	301,719	10,137,281	



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	[B] Mar 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
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	44
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	0	0	0	0	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	0	0	0	0	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	110,000	0	0	110,000	377,972	
1.3.192.01.050.01 - THALES T&S ATCS	487,972	110,000	0	0	110,000	377,972	
202 - JOC2-022.0	63,938	0	0	0	0	63,938	
1.3.202.01.040.02 - JOC2-022:15&22 POTHOLING UTILI 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)	
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	

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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 REIMBURSEM	(528,370)	0			0	(528,370)	
1.3.491.04.900.01 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEM	(451,703)	0			0	(451,703)	
1.3.491.05.900.01 - FORMB - YBM:CONTRACT 1300 UTILITY REIMBURSEM	(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 REIMBURSEM	(1,000,000)	0			0	(1,000,000)	
<b>TOTAL CONSTRUCTION PHASE</b>	<b>1,342,870,949</b>	<b>570,216,746</b>	<b>14,667,469</b>	<b>9,799,754</b>	<b>580,068,391</b>	<b>750,176,331</b>	
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	1,318,447	62,817	0	1,318,447	6,553	
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 - LRVs:AC: VEHICLES ALLOC CONTI	13,076,653					13,076,653	17
<b>TOTAL VEHICLES</b>	<b>26,385,653</b>	<b>2,145,579</b>	<b>62,817</b>	<b>0</b>	<b>2,145,579</b>	<b>24,240,074</b>	
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	745,033	625	3,436	748,469	1,531	
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	2,516,000	68,000	68,000	2,584,000	2,416,000	
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				0	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	1,303,287	0	0	1,303,287	(28,087)	
1.5.102.01.060.02 - COMM.RELO-RELOC COMMERCIAL	905,311	584,194	0	0	584,194	321,117	
<b>TOTAL ROW, LAND, EXISTING IMPROVEMENTS</b>	<b>37,405,895</b>	<b>29,617,476</b>	<b>68,625</b>	<b>71,436</b>	<b>29,688,912</b>	<b>7,716,983</b>	
<b>90 - CONTINGENCY</b>	<b>80,973,077</b>					<b>80,973,077</b>	
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	10,019,456					10,019,456	45
<b>TOTAL ALLOCATED CONTINGENCY</b>	<b>70,953,621</b>					<b>70,953,621</b>	
<b>TOTAL PROJECT COST</b>	<b>1,578,300,001</b>	<b>762,451,695</b>	<b>14,798,910</b>	<b>9,871,190</b>	<b>772,374,776</b>	<b>793,298,999</b>	

<b>7.1 Program Project Budget</b>	
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).
11a	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).
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.

<b>7.4 Contingency Management Trend Report</b>	
13	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.
14	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.



15	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 reflet 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.
16	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.
17	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.
18	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
19	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.
20	Estimate at Completion is shown at Column "e".
21	Estimate at Completion vs. Budget variance is shown at Column "k".

**7.5 Contract Modification/Trend Log - Contract 1300 Stations**

22	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**

23	In Dec 2014 Report, reduced CN1252 allocated contingency by \$28K to excute Contract Modification #46, see Report 7.5 Detail Contingency Usage Report.
17	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.

**7.9 Detail Monthly Expenditure Report**

**Phase 1 Preliminary Engineering**

24	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
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<b>Phase 2 Design Phase</b>	
25	Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.
26	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.
27	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]
28	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]
29	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]
30	AVA Cost \$395,204 is reported in Phase 2 Final Design 1.2.066.01.080.03
31	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]
32	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]
33	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]
<b>Phase 3 CONSTRUCTION PHASE</b>	

34	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
35	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
36	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]
37	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]
38	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]
39	Contract 1251 Final cost is \$20,794,582.
40	Revised Contract 1252 allocated contingency SCC code from 040.08 to 010.07.
41	Revised Contract 1300/UMS allocated contingency SCC code from 040.08 to 020.03.
42	Revised Contract 1300/CTS allocated contingency SCC code from 040.08 to 020.03.
43	Revised Contract 1300/YBM allocated contingency SCC code from 040.08 to 020.03.
44	Revised Contract 1300/STS allocated contingency SCC code from 040.08 to 020.01.
45	Increase Program contingency \$1,023,508. Refer to Report Notes #11 and #12



*Appendix B*

**DETAIL SCHEDULE REPORTS**

**SCHEDULE HIGHLIGHTS**

The Master Project Schedule (MPS) below includes progress through March 31, 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 third Schedule Update (thru February 2015), indicating the same 6 month late finish as shown in the January 2015 and December 2014 update. All updates have been rejected and require resubmission. 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 critical path shows the construction of the Tunnel Portal Structure followed by demobilization and punch list activities. The Portal Structure activities on the critical path are expected to complete on time. Contract Closeout and restoration activities are ongoing to complete the remaining work by Final Completion.

Contract Milestones	Required Finish	MAR 2015 Finish	FEB 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:**

- Completed cleaning and patching all the cross passages and tunnels.
- Complete installation and testing of seismic expansion joint.
- Complete remaining construction in the Portal Structure.
- Paved between Harrison and Bryant.
- Continue restoration at 4th and Jessie.

**Contract 1252 will perform the following work next month:**

- Complete remaining punchlist activities
- Complete restoration at 4th and Jessie and Demobilize from Caltrans yard
- Administrative Closeout by CM Team
- Substantial Completion

**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 mater 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 CN-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 MAR15 Update	Variance
Tunnel Portal Completion 1252 Tunnel Final Completion	24-Sep-15	15-May-15	132 CD

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

- Excavated to roof level between Maiden Lane and Geary Street
- Pile Status to date: Completed all piles
- Began demolition of Bart Annex on Ellis Street
- Continued Jet Grout Test Program on West Side of Stockton Street.
- Began installing Tiebacks for Union Square Garage demolition

**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. Limited nighttime closure of Geary Street at Stockton and Grant and Stockton Street closed at Post
- Union Square Garage – tieback installation, micro-pile installation and demolition.
- Continue jet grouting operations on East and West sides of Stockton Street between Geary and O'Farrell Streets.
- Install I beams for roof installation between Maiden Lane and Geary Street
- Excavation, demolition and roof deck installation operations at Ellis Street
- Begin installing Compensation Grout pipes for building protection along Stockton Street



Activity ID	Activity Name	user_test1	2015						
			Year	Apr	May	Jun	Jul	Aug	Sep
<b>CENTRAL SUBWAY PROJECT</b>									
<b>Construction Phase</b>									
<b>Construction CN-1300</b>									
<b>Construction UMS Station P-1253</b>									
UMS.03.30.210.2b	UMS_Cure Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64								UMS.03.30.210.2b
UMS.23.31.0045	UMS_Install Temporary Ventilation & Utilities								UMS.23.31.0045
UMS.02.41.1750	UMS_Install Temporary Vehicular Circulation at Union Garage								UMS.02.41.1750
UMS.23.34.0415	UMS_CN_Install Temporary HVAC Exhaust Duct (In Union Square Garage Lvl 4)								UMS.23.34.0415
UMS.31.20.205.2b	UMS_Backfill Roof Section To Subgrade & Move Skid - Sta 136+28 to Sta 136+6								UMS.31.20.205.2b
UMS.31.20.202.2b	UMS_Excavate To Compensation Grout Level - Sta 136+28 To Sta 136+64								UMS.31.20.202.2b
UMS.31.20.202.3b	UMS_Excavate To Compensation Grout Level - Sta 136+64 To Sta 137+00								UMS.31.20.202.3b
UMS.31.32.100.3a	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A								UMS.31.32.100.3a
1300.01.12.17.15b	Special Events: Post-Moratorium Coordination - Stockton Street								1300.01.12.17.15b
UMS.02.41.0060	UMS_Demo Garage Roof Slab								UMS.02.41.0060
UMS.33.11.0100	UMS_Install New 8" Water Main - South Side Ellis St								UMS.33.11.0100
UMS.31.43.510.3b	UMS_Install Compensation Grouting Tubes - Apple Store Sta 136+64 to 137+00								UMS.31.43.510.3b
UMS.31.32.105.1a	UMS_Jet Grout Piles Stockton St East/West Side for Water Seal Rig#1 Pour 1A								UMS.31.32.105.1a
UMS.31.43.510.2b	UMS_Install Compensation Grouting Tubes - Apple Store, Armani Sta 136+28 to								UMS.31.43.510.2b
UMS.31.41.0240	UMS_Install Sheet Piles @ Access Shaft #2 (O'Farrell)								UMS.31.41.0240
UMS.33.31.200.3b	UMS_Install Utilities, OCS Pier #3, & Backfill Street - Sta 136+64 to Sta 137+00								UMS.33.31.200.3b
UMS.31.32.105.2a	UMS_Jet Grout Stockton St West/East Side for Water Seal Rig#2 Pour 2A								UMS.31.32.105.2a
UMS.31.32.0070	UMS_Jet Grout Under South Wall Footings - USG								UMS.31.32.0070
UMS.31.50.0250	UMS_Excavate, Lag & Support @ Access Shaft #2 (O'Farrell)								UMS.31.50.0250
UMS.31.32.105.3a	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A								UMS.31.32.105.3a
UMS.31.20.1365	UMS_Shore Tunnel and ready for break in- Sta 132+50 To North Headwall								UMS.31.20.1365
UMS2030	UMS Tunnel Interface Finish Cross Passages 3 & 4 (Req'd Feb 26, 2015)								UMS2030
UMS.31.50.0260	UMS_Install Temporary Lid @ Access Shaft #2 (O'Farrell)								UMS.31.50.0260

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

- Excavated 2/3rds headhouse for Surface Level Slab Pour #1
- Prep south slurry walls for Surface Level Slab
- Pothole dewatering wells on Stockton Street
- Install inclinometers on Stockton Street
- Form and pour remaining Surface Slab, Pours 3 and 4

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

- Install dewatering wells on Stockton St
- Install settlement instrumentation on Stockton St
- Install inclinometers on Stockton Street
- Install water line on Stockton Street
- Pour for Surface Level Slab and beams, Pours 1 and 2
- Backfill surface slab at Washington Street
- Install service crane

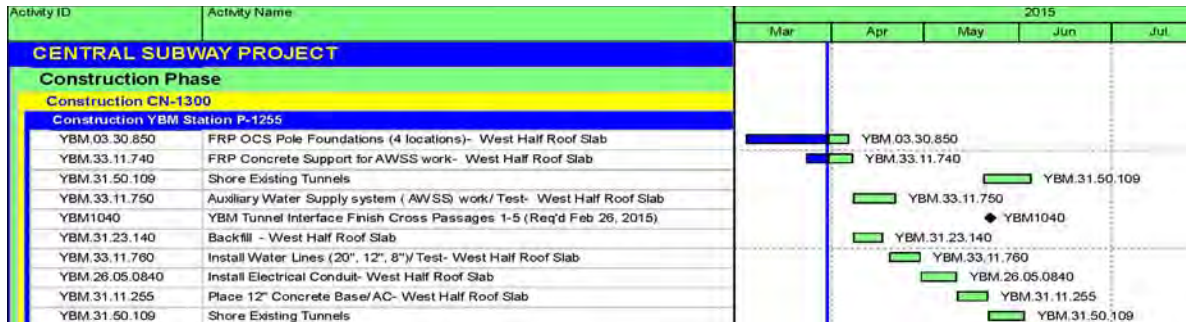


**Work Package P-1255 (YBM) has performed the following work this month:**

- West side slab construction for station box on 4th Street in three segments, each 113' long. Segment 1 (from north headwall to just north of Clementina), topping slab installed, utility installation and backfill in progress; Segment 2 (crossing Clementina) concrete placed, waterproofing and topping slab installation in progress; Segment 3 (to Folsom Street), concrete placed
- Completed removal of Class I contaminated soil from former gas station (top ~6' containing lead)
- Archaeological monitoring in progress
- Shoring, excavation, and mudslab placement for headhouse roof slab on Clementina Street in progress

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

- Completion of west side roof Segments 3 and roof slab under Clementina Street
- Continue utility installation above west side station box roof
- Utility installation in vicinity of 4th Street at Folsom
- Archaeological Monitoring of excavation.



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

- Completed AT&T ductbank installation
- Contractor submitted 100% design of Design-Build 78" sewer
- Contractor progressing toward 100% design of 48" sewer and 36" sewer force main
- Completed 12" and 18" sewer installation
- Completed cast-in-place drilled piles for 4th/Brannan Station
- Continue Muni ductbank installation
- Started 78" sewer rehabilitation

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

- Install waterline, AWSS, 36" force main
- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation



Activity ID	Activity Name	2015					
		Mar	Apr	May	Jun	Jul	Aug
<b>CENTRAL SUBWAY PROJECT</b>							
<b>Construction Phase</b>							
<b>Construction CN-1300</b>							
<b>Construction STS P-1256</b>							
MPS-BID-631	Install MRY Duct Bank 4th/Brannan						
MPS-BID-591	78" Sewer Excavate/Lay/Backfill						
STS.33.51.115	STS_PG&E Design Detail Period: Utilities: Gas Distribution 6" Main/Casing - 4th St - Bryant To Welsh S						
STS.33.31.420	STS_Install New CB's Manhole, 10" & 15" Sewer Piping @ 4th St/Townsend - West Side						
STS.33.11.340	STS_Install: Utilities: Track Drainage- 4th St (Brannan St To Bluxome St)						
STS.33.51.150	STS_Pothole: Utilities: Pothole for Gas Distribution						
STS.33.31.095	Modify Existing 78" Curved Section Of Sewer Main In Brannan Intersection						
STS.26.05.3730	STS_Pothole Utilities: MRY Ductbanks On/Off 4th Street						
STS.33.11.350	STS_Install: Utilities: Track Drainage- 4th St (Bluxome St To Townsend St)						
STS.33.11.360	STS_Install: Utilities: Track Drainage- 4th St (Townsend St To King St Tie-in)						
STS.33.31.380	STS_Install New Offset Sewer Manhole @ 4th St/Townsend						

**SCHEDULE REVISIONS**

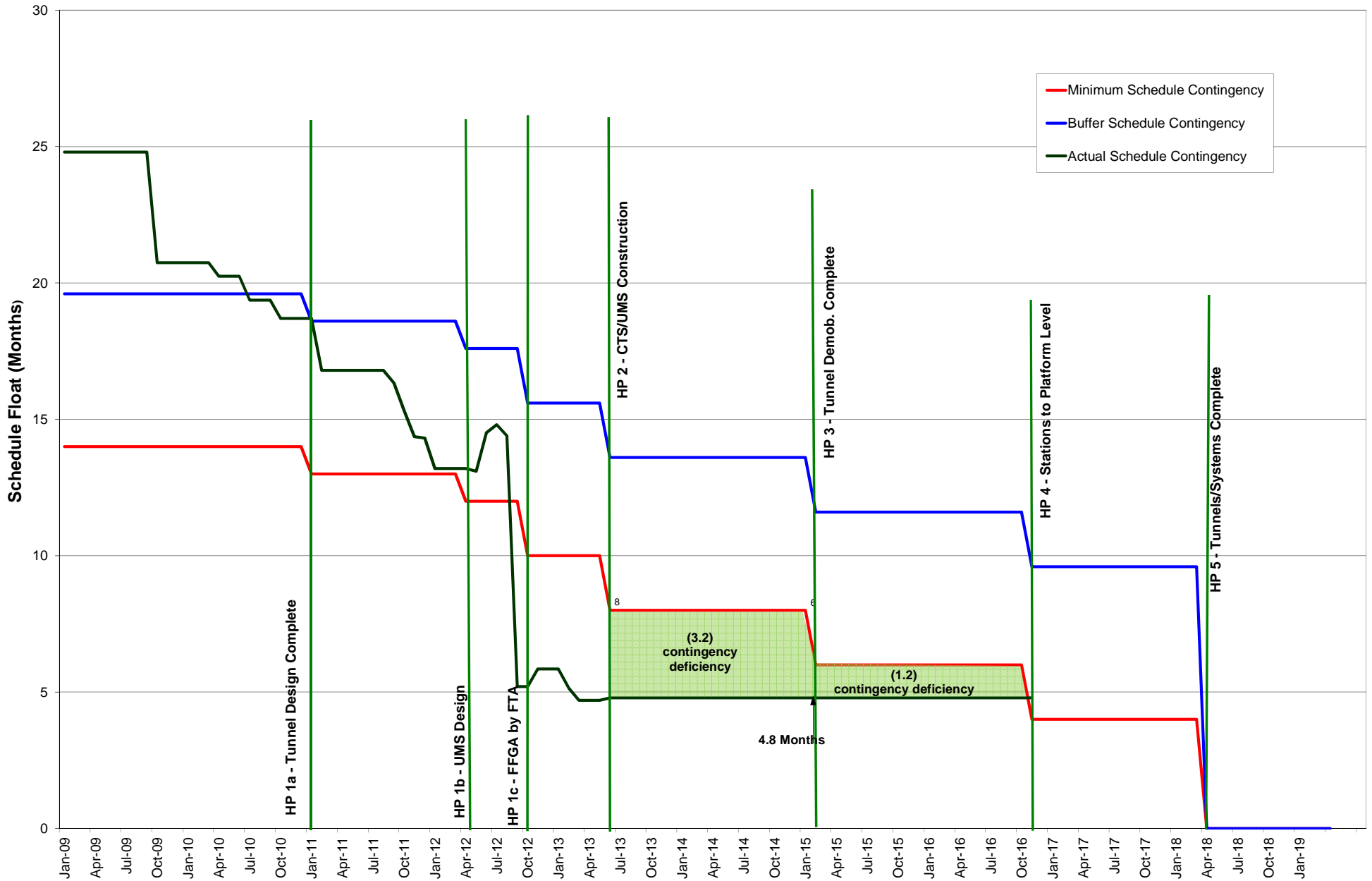
Activities were added to the Interim CN-1300 Schedule to show addition schedule details in the current reporting period.

**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

March 2015



Activity ID	Activity Name	Original Duration	Start	Finish	2015				2016				2017				2018				2019				2020		
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>CENTRAL SUBWAY PROJECT</b>					▼ CENTRAL SUBWAY PROJECT																						
<b>Program Level Milestones</b>					▼ 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	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																						
<b>Preliminary Engineering Phase</b>																											
<b>Final Design</b>																											
<b>Light Rail Vehicles</b>					▼ Light Rail Vehicles																						
<b>Real Estate</b>					▼ Real Estate																						
<b>Construction Phase</b>					▼ Construction Phase																						
<b>Construction Support and Costs</b>					▼ Construction Support and Costs																						
<b>Construction Utility Contract #1- MOS &amp; Portal CN-1250</b>																											
<b>Construction Utility Contract #2 - UMS CN-1251</b>																											
<b>Construction Tunnels CN-1252</b>					▼ Construction Tunnels CN-1252																						
<b>Construction CN-1300</b>					▼ Construction CN-1300																						
<b>CN- 1300 Milestone</b>					▼ CN- 1300 Milestone																						
<b>Construction UMS Station P-1253</b>					▼ Construction UMS Station P-1253																						
<b>Construction CTS Station P-1254R</b>					▼ Construction CTS Station P-1254R																						
<b>Construction YBM Station P-1255</b>					▼ Construction YBM Station P-1255																						
<b>Construction STS P-1256</b>					▼ Construction STS P-1256																						
<b>UMS-1253 Contract Modification</b>					▼ UMS-1253 Contract Modification																						
<b>Project Start Up</b>					▼ Project Start Up																						
<b>Unallocated Contingency</b>					▼ 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)																						



Activity ID	Activity Name	Original Duration	Start	Finish	user_start_date1	user_end_date1	Total Float	2015		2016				2017				2018				2019				2020				2021	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>CENTRAL SUBWAY PROJECT</b>																															
<b>Program Level Milestones</b>																															
HidPt5	Systems Complete	0		13-Apr-18	13-Apr-18	13-Apr-18	0	◆ Systems Complete																							
MS0019	Baseline Finish Date: 12-26-2018	0		26-Dec-18*	26-Dec-18	26-Dec-18	0	◆ Baseline Finish Date: 12-26-2018																							
MS0009	CSP Revenue Service Date	0		26-Dec-18*	26-Dec-18	26-Dec-18	0	◆ CSP Revenue Service Date																							
<b>Construction Phase</b>																															
<b>Construction CN-1300</b>																															
<b>CN- 1300 Milestone</b>																															
BUF1017	STS Buffer Float- (44)	44	12-Feb-18	13-Apr-18	12-Feb-18	13-Apr-18	0	■ STS Buffer Float- (44)																							
<b>Construction CTS Station P-1254R</b>																															
CTS1040	CTS Excavate Headhouse & Bracing	128	09-Oct-14 A	24-Apr-15	09-Oct-14	24-Apr-15	0	■ CTS Excavate Headhouse & Bracing																							
CTS1050	CTS SEM & Install Supports	406	27-Apr-15	13-Dec-16	27-Apr-15	13-Dec-16	0	■ CTS SEM & Install Supports																							
CTS1080	CTS Headhouse Structural Concrete / Remove Bracing	60	14-Dec-16	21-Mar-17	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	22-Mar-17	16-Oct-17	0	■ CTS Install M/E/P																							
CTS1120	CTS Start Up & Testing	96	17-Oct-17	10-Feb-18	17-Oct-17	10-Feb-18	0	■ CTS Start Up & Testing																							
CTS0030	CTS P-1254R Commissioning Completion	0		10-Feb-18	10-Feb-18	10-Feb-18	0	◆ CTS P-1254R Commissioning Completion																							
<b>Construction STS P-1256</b>																															
STS1090	STS Startup & Testing- Tunnel & ATSC Systems	88	26-Oct-17	10-Feb-18	26-Oct-17	10-Feb-18	0	■ STS Startup & Testing- Tunnel & ATSC Sys																							
<b>Project Start Up</b>																															
STU1010	S&S Certification / Pre-Revenue Activities	115	16-Apr-18	27-Sep-18	16-Apr-18	27-Sep-18	0	■ S&S Certification / Pre-Revenue Ac																							
BUF0018	Muni Float	60	28-Sep-18	26-Dec-18	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
<b>CENTRAL SUBWAY PROJECT</b>	1744	08-Jun-11 A	11-May-18																												
<b>Construction Phase</b>	1744	08-Jun-11 A	11-May-18																												
<b>Construction Tunnels CN-1252</b>	1357	08-Jun-11 A	15-May-15																												
1252 Tunnel Contract BIH	1357	08-Jun-11 A	15-May-15																												
Contract Milestones	1437	08-Jun-11 A	15-May-15																												
General Conditions	1187	01-Aug-11 A	15-May-15																												
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	397	28-Jan-13 A	02-May-14 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	300	22-Mar-14 A	16-Apr-15																												
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	276	31-May-14 A	16-Apr-15																												
Portal Structure	196	02-Sep-14 A	15-Apr-15																												
Contract Close Out	254	03-Mar-14 A	13-May-15																												
<b>Construction CN-1300</b>	1386	17-Jun-13 A	11-May-18																												
CN- 1300 Milestone	1790	17-Jun-13 A	11-May-18																												
Construction UMS Station P-1253	1234	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	1234	17-Jun-13 A	11-May-18																												
Construction STS P-1256	1234	17-Jun-13 A	11-May-18																												
UMS-1253 Contract Modification	533	13-Sep-13 A	31-Mar-15																												

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015		2016				2017				2018				2019				2020				2021								
						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			
<b>CENTRAL SUBWAY PROJECT</b>						3036	01-Dec-08 A	30-Dec-20	0																											
<b>Program Level Milestones</b>						2102	31-Mar-15	30-Dec-20	0																											
MS0005	50% through Construction Project - Milestone #5	0		31-Mar-15*	1277	◆ 50% through Construction Project - Milestone #5																														
HldPt3	Tunnel Demobilization Complete	0		22-May-15	43	◆ 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		13-Dec-16*	653	◆ 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 -																														
<b>Light Rail Vehicles</b>						2019	15-Apr-13 A	24-Oct-18	63																											
LRV1400	LRV Vendor Selection - 1.4.091.01.070.01 - Physical	305	15-Apr-13 A	06-Apr-15	36	LRV Vendor Selection - 1.4.091.01.070.01 - Physical																														
LRV1405	VLR Vendor Selection Payment 2	284	07-Apr-15	28-Jan-16	50	VLR Vendor Selection Payment 2																														
LRV1410	LRV Design Specification - 1.4.091.01.070.01 - Physical	53	29-Jan-16	13-Apr-16	41	LRV Design Specification - 1.4.091.01.070.01 - Physical																														
LRV1420	LRV Manufacture / Assemble - 1.4.091.97.070.01 - Contingency	252	14-Apr-16	12-Apr-17	41	LRV Manufacture / Assemble - 1.4.091.97.070.01 - Contingency																														
LRV1430	LRV Manufacture / Assemble - 1.4.091.01.070.01 - Physical	252	14-Apr-16	12-Apr-17	41	LRV Manufacture / Assemble - 1.4.091.01.070.01 - Physical																														
MS-LRV	LRV Delivery	0		24-Oct-18	41	◆ LRV Delivery																														
<b>Real Estate</b>						4051	01-Dec-08 A	31-Jan-20	334																											
CO1.510	Acquisitions, Appraisals, Relocation Consultant Cost Activity (LOE)	1631	01-Dec-08 A	29-May-15	725	Acquisitions, Appraisals, Relocation Consultant Cost Activity (LOE)																														
CO1.520	Real Estate Residential Relocation Cost Activity (LOE)	1631	01-Dec-08 A	29-May-15	725	Real Estate Residential Relocation Cost Activity (LOE)																														
CO1.521	Real Estate Commercial Relocation Cost Activity (LOE)	981	05-Jul-11 A	29-May-15	725	Real Estate Commercial Relocation Cost Activity (LOE)																														
CO1.530	Contingency Cost Activity (LOE)	353	02-Jan-14 A	29-May-15	725	Contingency Cost Activity (LOE)																														
<b>Complete RE Processing Tunnel CP-1252</b>						1990	01-Feb-12 A	31-Jan-20	230																											
REA10090	Caltrans Lease	1990	01-Feb-12 A	31-Jan-20	230	Caltrans Lease																														
<b>Complete RE Processing CTS Station P-1254R</b>						1432	01-Aug-10 A	30-May-15	1049																											
<b>(211-011) Chinatown</b>						1432	01-Aug-10 A	30-May-15	1049																											
<b>Tenant Relocation (933 Stockton)</b>						1432	01-Aug-10 A	30-May-15	1049																											
REA3165	933 Stockton, Unit 10 - Tenant Relocated	1277	01-Aug-10 A	31-Mar-15	1049	933 Stockton, Unit 10 - Tenant Relocated																														
REA3145	933 Stockton, Unit 9A - Tenant Relocated	1277	01-Apr-11 A	31-Mar-15	1049	933 Stockton, Unit 9A - Tenant Relocated																														
REA3155	933 Stockton, Unit 9B - Tenant Relocated	1277	15-Apr-11 A	31-Mar-15	1049	933 Stockton, Unit 9B - Tenant Relocated																														
REA3215	933 Stockton, Unit 16 - Tenant Relocated	1277	01-May-11 A	31-Mar-15	1049	933 Stockton, Unit 16 - Tenant Relocated																														
REA3075	933 Stockton, Unit 3B - Tenant Relocated	1277	09-May-11 A	31-Mar-15	1049	933 Stockton, Unit 3B - Tenant Relocated																														
REA3135	933 Stockton, Unit 8 - Tenant Relocated	1277	01-Jun-11 A	31-Mar-15	1049	933 Stockton, Unit 8 - Tenant Relocated																														
REA3055	933 Stockton, Unit 2 - Tenant Relocated	1277	01-Aug-11 A	31-Mar-15	1049	933 Stockton, Unit 2 - Tenant Relocated																														
REA3085	933 Stockton, Unit 4 - Tenant Relocated	1277	01-Sep-11 A	31-Mar-15	1049	933 Stockton, Unit 4 - Tenant Relocated																														
REA3115	933 Stockton, Unit 7A - Tenant Relocated	1277	14-Sep-11 A	31-Mar-15	1049	933 Stockton, Unit 7A - Tenant Relocated																														
REA3225	933 Stockton, Unit 17 - Tenant Relocated	1277	19-Sep-11 A	31-Mar-15	1049	933 Stockton, Unit 17 - Tenant Relocated																														
REA3065	933 Stockton, Unit 3A - Tenant Relocated	1277	01-Nov-11 A	30-Apr-15	1049	933 Stockton, Unit 3A - Tenant Relocated																														
REA3175	933 Stockton, Unit 11 - Tenant Relocated	1277	01-Nov-11 A	30-Apr-15	1049	933 Stockton, Unit 11 - Tenant Relocated																														
REA3195	933 Stockton, Unit 14 - Tenant Relocated	1277	09-Nov-11 A	08-May-15	1049	933 Stockton, Unit 14 - Tenant Relocated																														
REA3605	933 Stockton, Unit 1 - Tenant Relocated	1277	01-Dec-11 A	30-May-15	1049	933 Stockton, Unit 1 - Tenant Relocated																														
REA3235	Broadway Sansome Cert. of Occupancy	0		01-Apr-15*	0	◆ Broadway Sansome Cert. of Occupancy																														
<b>Construction Phase</b>						2349	04-Jan-10 A	02-May-19	417																											
<b>Construction Support and Costs</b>						3406	04-Jan-10 A	02-May-19	608																											
<b>Construction Tunnels CN-1252</b>						948	08-Aug-11 A	22-May-15	160																											
<b>1252 Tunnel Contract BIH</b>						1193	08-Aug-11 A	15-May-15	0																											



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016				2017				2018				2019				2020				2021			
						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
<b>Contract Milestones</b>						29	15-Apr-15	15-May-15	0																								
TUN-01-1060	Substantial Completion (req'd Apr 15, 2015) - 1174days	0		15-Apr-15*	0	◆ Substantial Completion (req'd Apr 15, 2015) - 1174days																											
TUN-01-1070	Final Completion (req'd May 15, 2015) - 1204 days	0		15-May-15	0	◆ Final Completion (req'd May 15, 2015) - 1204 days																											
<b>General Conditions</b>						1187	08-Aug-11 A	15-May-15	0																								
TUN-02-1010	Provide GL & W/C Insurance	1321	08-Aug-11 A	15-Apr-15	0	■ Provide GL & W/C Insurance																											
TUN-02-1060	GE-9: Dispute Review Board Allowance	1130	14-Mar-12 A	15-May-15	0	■ GE-9: Dispute Review Board Allowance																											
TUN-02-1070	GE-10 Partnering Allowance	1130	14-Mar-12 A	15-May-15	0	■ GE-10 Partnering Allowance																											
TUN-02-1080	GE-11: Socially/Econ. Disadvantaged Employment Allowance	1130	14-Mar-12 A	15-May-15	0	■ GE-11: Socially/Econ. Disadvantaged Employment Allowance																											
TUN-02-1090	GE-12: Relocation of Existing Lighting Cont. Equipment Allowance	1130	14-Mar-12 A	15-May-15	0	■ GE-12: Relocation of Existing Lighting Cont. Equipment Allowance																											
TUN-02-1100	GE-13: Traffic Control-City Personnel Allowance	1130	14-Mar-12 A	15-May-15	0	■ GE-13: Traffic Control-City Personnel Allowance																											
TUN-02-1110	GE-7: Repair of Category B Pipes Allowance	1130	14-Mar-12 A	15-May-15	0	■ GE-7: Repair of Category B Pipes Allowance																											
TUN-02-1120	GE-8: Environmental Mitigation Allowance	1130	14-Mar-12 A	15-May-15	0	■ GE-8: Environmental Mitigation Allowance																											
TUN-02-1040	BP-2 : Protection and Monitoring Allowance	1130	14-Mar-12 A	15-May-15	0	■ BP-2 : Protection and Monitoring Allowance																											
TUN-02-1050	ES-8: Additional Costs of Hazardous Waste Allowance	1130	14-Mar-12 A	15-May-15	0	■ ES-8: Additional Costs of Hazardous Waste Allowance																											
<b>Contract Modifications</b>						941	24-Dec-13 A	15-Apr-15	26																								
TUN-02-1340	CM- 25: CP5 Ground Freeze	0	24-Dec-13 A	15-Apr-15	0	■ CM- 25: CP5 Ground Freeze																											
TUN-02-8640	CM- 20: PCC10- Credits for ST4, GE3, GE6, & ES6	5	30-Apr-14 A	31-Mar-15	41	■ CM- 20: PCC10- Credits for ST4, GE3, GE6, & ES6																											
TUN-02-1560	CM-46	0	02-Feb-15 A	31-Mar-15	41	■ CM-46																											
TUN-02-1570	CM-47	5	02-Mar-15 A	03-Apr-15	36	■ CM-47																											
<b>Protection and Monitoring</b>						28	03-Mar-15 A	07-Apr-15	6																								
<b>Instrumentation &amp; Monitoring</b>						27	03-Mar-15 A	06-Apr-15	7																								
TUN-02-8060	Protection - Abandon Instrumentation	27	03-Mar-15 A	06-Apr-15	7	■ Protection - Abandon Instrumentation																											
<b>Pre and Post Construction Surveys</b>						5	01-Apr-15	07-Apr-15	6																								
TUN-02-8460	Protection - POSTconstruction Surveys @ Cross Passage No 5	5	01-Apr-15	07-Apr-15	6	■ Protection - POSTconstruction Surveys @ Cross Passage No 5																											
<b>Cross Passage 1-5</b>						39	04-Mar-15 A	16-Apr-15	0																								
<b>Cross Passage 5</b>						39	04-Mar-15 A	16-Apr-15	0																								
<b>CP5 Ground Improvements</b>						39	04-Mar-15 A	16-Apr-15	0																								
TUN-11-6381	Cross Passage 5 Ground Freeze - Form/Pour remedial work	5	04-Mar-15 A	04-Apr-15	0	■ Cross Passage 5 Ground Freeze - Form/Pour remedial work																											
TUN-11-6401	Cross Passage 5 Ground Freeze - Abandon groud holes	10	21-Mar-15 A	16-Apr-15	0	■ Cross Passage 5 Ground Freeze - Abandon groud holes																											
TUN-11-6310	Cross Passage 5 Ground Freeze - Remove Freeze Plant & Equipment	5	06-Apr-15	10-Apr-15	0	■ Cross Passage 5 Ground Freeze - Remove Freeze Plant & Equipment																											
TUN-11-6320	Cross Passage 5 Ground Freeze - Abandon Pipes & Repair Segments	4	11-Apr-15	15-Apr-15	0	■ Cross Passage 5 Ground Freeze - Abandon Pipes & Repair Segments																											
TUN-11-6150	Cross Passage 5 Ground Freeze Complete	0		15-Apr-15	0	◆ Cross Passage 5 Ground Freeze Complete																											
<b>CP5 Construction</b>						1	31-Mar-15	31-Mar-15	7																								
TUN-11-6220	Cross Passage 5 - Install Misc Metals	1	31-Mar-15	31-Mar-15	7	■ Cross Passage 5 - Install Misc Metals																											
TUN-11-6230	Cross Passage 5 Complete	0		31-Mar-15	8	◆ Cross Passage 5 Complete																											
<b>Portal Structure</b>						65	31-Jan-15 A	15-Apr-15	0																								
TUN-12-1230	Portal Structure - East Final Restoration (North of Perry)	15	31-Jan-15 A	31-Mar-15	0	■ Portal Structure - East Final Restoration (North of Perry)																											
TUN-12-1210	Portal Structure - West Final Restoration	15	26-Mar-15 A	15-Apr-15	0	■ Portal Structure - West Final Restoration																											
TUN-12-1180	Portal Structure - Portal Structure Complete	0		15-Apr-15	0	◆ Portal Structure - Portal Structure Complete																											
<b>Contract Close Out</b>						222	27-Jun-14 A	13-May-15	0																								
TUN-13-2020	Demobilization - Remove Workshop	10	27-Jun-14 A	13-Apr-15	21	■ Demobilization - Remove Workshop																											
TUN-13-2030	Demobilization - Remove Muck Handling Facilities	15	22-Aug-14 A	20-Apr-15	16	■ Demobilization - Remove Muck Handling Facilities																											
TUN-13-2040	Demobilization - Remove Temporary Utilities	15	28-Feb-15 A	20-Apr-15	16	■ Demobilization - Remove Temporary Utilities																											
TUN-13-2050	Demobilization - Remove Contractor & Owner's Offices	20	28-Feb-15 A	13-May-15	0	■ Demobilization - Remove Contractor & Owner's Offices																											
TUN-13-2060	Demobilization - Punchlist Activities	20	16-Apr-15	13-May-15	0	■ Demobilization - Punchlist Activities																											
TUN-13-2080	Demobilization - Transfer Site to Subsequent Contractor(s)	1	13-May-15	13-May-15	0	■ Demobilization - Transfer Site to Subsequent Contractor(s)																											
<b>1252 Contingency, Interfaces, &amp; Buffer Float</b>						228	05-Sep-14 A	22-May-15	237																								
CO1.3.08300	CN 1252 Tunnel Contingency Cost Activity (LOE)	188	05-Sep-14 A	31-Mar-15	236	■ CN 1252 Tunnel Contingency Cost Activity (LOE)																											
BUF0007	TUN Buffer Float No. 7 to Stations UMS	95	30-Sep-14 A	22-May-15	43	■ TUN Buffer Float No. 7 to Stations UMS																											
TUN1180	CN 1252 Substantial Completion - CN 1252 & Master Schedule Interface	0	31-Mar-15	31-Mar-15	290	■ CN 1252 Substantial Completion - CN 1252 & Master Schedule Interface																											

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016				2017				2018				2019				2020				2021			
						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	Q1	Q2	Q3	Q4				
						Gantt Chart																																			
TUN1190	CN 1252 Closeout Complete- CN 1252 & Master Schedule Interface	0	31-Mar-15	31-Mar-15	290	CN 1252 Closeout Complete- CN 1252 & Master Schedule Interface																																			
TUN9990	CP-5 Complete- CN 1252 & Master Schedule Interface	0	31-Mar-15	31-Mar-15	115	CP-5 Complete- CN 1252 & Master Schedule Interface																																			
BUF1047	TUN Buffer Float No. 7.75 to Stations YBM	0	01-Apr-15	01-Apr-15	81	TUN Buffer Float No. 7.75 to Stations YBM																																			
<b>Construction CN-1300</b>						1234	17-Jun-13 A	11-May-18	660																																
<b>CN- 1300 Milestone</b>						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	CN 1300- UMS, CTS, YBM, & STS Req'd Substantial Completion (1700 CD from NTP)																																			
UMS2100	CN 1300- UMS & YBM Req'd- Tunnel Interface Complete (620 CD from NTP)	620	17-Jun-13 A	31-Mar-15	118	CN 1300- UMS & YBM Req'd- Tunnel Interface Complete (620 CD from NTP)																																			
CTS2120	CN 1300- CTS Req'd -Tunnel Interface Complete (450 CD from NTP)	450	17-Jun-13 A	31-Mar-15	27	CN 1300- CTS Req'd -Tunnel Interface Complete (450 CD from NTP)																																			
STS10020	CN 1300- STS Req'd Tunnel Portal Completion (830 CD from NTP)	830	17-Jun-13 A	24-Sep-15	112	CN 1300- STS Req'd Tunnel Portal Completion (830 CD from NTP)																																			
STS1500	CN 1300 Substantial Completion	0		10-Feb-18	1	CN 1300 Substantial Completion																																			
STS1510	CN 1300 Checklist and Closeout	90	11-Feb-18	11-May-18	139	CN 1300 Checklist and Closeout																																			
BUF1017	STS Buffer Float- (44)	44	12-Feb-18	13-Apr-18	0	STS Buffer Float- (44)																																			
STS1520	CN 1300 Final Completion	0		11-May-18	139	CN 1300 Final Completion																																			
<b>Construction UMS Station P-1253</b>						1091	14-Jan-14 A	11-May-18	660																																
UMS1020	UMS Guidewalls, Piles, Jet Grout, and Roof	320	14-Jan-14 A	17-Jul-15	5	UMS Guidewalls, Piles, Jet Grout, and Roof																																			
BID-COST01	UMS All Location Cost (LOE)	487	21-Jul-14 A	31-Mar-15	1448	UMS All Location Cost (LOE)																																			
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	31-Mar-15	1438	UMS_Jet Grout Piles - Stockton St East/West Side for Water Seal Rig#1 Pour 1A																																			
UMS1040	UMS Garage Demo and Install Structural Elements to Garage Permanent Operations	160	05-Jan-15 A	19-Aug-15	4	UMS Garage Demo and Install Structural Elements to Garage Permanent Operations																																			
UMS.31.20.202.1b	UMS_Excavate To Compensation Grout Level - Sta 135+92 To Sta 136+28	1	02-Feb-15 A	31-Mar-15	1442	UMS_Excavate To Compensation Grout Level - Sta 135+92 To Sta 136+28																																			
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	31-Mar-15	1438	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#2 Pour 2A																																			
UMS.31.43.510.1b	UMS_Install Compensation Grouting Tubes - Armani Sta 135+92 to 136+28	2	02-Feb-15 A	02-Apr-15	1445	UMS_Install Compensation Grouting Tubes - Armani Sta 135+92 to 136+28																																			
UMS.02.41.0375	UMS_Demo Sub-Basement Walls, Beams & Lagging - Stockton St - Maiden To Geary (West Side)	5	02-Feb-15 A	06-Apr-15	1443	UMS_Demo Sub-Basement Walls, Beams & Lagging - Stockton St - Maiden To Geary (West Side)																																			
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	31-Mar-15	1435	UMS_UMS_Formwork/Rebar Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64																																			
UMS.03.30.205.2b	UMS_Place Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	1	31-Mar-15	31-Mar-15	1435	UMS_Place Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64																																			
UMS.23.34.0385	UMS_CN_Install HVAC Air Duct Risers to Conc Duct Below (In Union Square Garage Lvl 4)	5	31-Mar-15	06-Apr-15	1443	UMS_CN_Install HVAC Air Duct Risers to Conc Duct Below (In Union Square Garage Lvl 4)																																			
UMS.23.31.0045	UMS_Install Temporary Ventilation & Utilities	6	31-Mar-15	07-Apr-15	1422	UMS_Install Temporary Ventilation & Utilities																																			
UMS.02.41.1750	UMS_Install Temporary Vehicular Circulation at Union Garage	6	31-Mar-15	07-Apr-15	1422	UMS_Install Temporary Vehicular Circulation at Union Garage																																			
UMS.23.34.0415	UMS_CN_Install Temporary HVAC Exhaust Duct (In Union Square Garage Lvl 4)	7	31-Mar-15	08-Apr-15	1441	UMS_CN_Install Temporary HVAC Exhaust Duct (In Union Square Garage Lvl 4)																																			
1300 01 12 17 15b	Special Events: Post- Moratorium Coordination - Stockton Street	10	31-Mar-15*	13-Apr-15	1438	Special Events: Post- Moratorium Coordination - Stockton Street																																			
UMS.31.32.105.1a	UMS_Jet Grout Piles Stockton St East/West Side for Water Seal Rig#1 Pour 1A	12	31-Mar-15	15-Apr-15	1409	UMS_Jet Grout Piles Stockton St East/West Side for Water Seal Rig#1 Pour 1A																																			
UMS.03.30.210.2b	UMS_Cure Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	5	31-Mar-15	07-Apr-15	1435	UMS_Cure Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64																																			
UMS.31.32.100.3a	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A	9	01-Apr-15	13-Apr-15	1438	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A																																			
UMS.07.14.200.2b	UMS_Install Waterproofing System/Grout Cover - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	1	02-Apr-15	03-Apr-15	1437	UMS_Install Waterproofing System/Grout Cover - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64																																			
UMS.31.20.205.2b	UMS_Backfill Roof Section To Subgrade & Move Skid - Sta 136+28 to Sta 136+64	3	07-Apr-15	10-Apr-15	1435	UMS_Backfill Roof Section To Subgrade & Move Skid - Sta 136+28 to Sta 136+64																																			
UMS.02.41.0060	UMS_Demo Garage Roof Slab	5	07-Apr-15	14-Apr-15	1422	UMS_Demo Garage Roof Slab																																			
UMS.31.20.202.2b	UMS_Excavate To Compensation Grout Level - Sta 136+28 To Sta 136+64	0	10-Apr-15	10-Apr-15	1435	UMS_Excavate To Compensation Grout Level - Sta 136+28 To Sta 136+64																																			
UMS.31.20.202.3b	UMS_Excavate To Compensation Grout Level - Sta 136+64 To Sta 137+00	1	10-Apr-15	13-Apr-15	1437	UMS_Excavate To Compensation Grout Level - Sta 136+64 To Sta 137+00																																			
UMS.31.43.510.2b	UMS_Install Compensation Grouting Tubes - Apple Store, Armani Sta 136+28 to 136+64	5	10-Apr-15	17-Apr-15	1435	UMS_Install Compensation Grouting Tubes - Apple Store, Armani Sta 136+28 to 136+64																																			
UMS.31.43.510.3b	UMS_Install Compensation Grouting Tubes - Apple Store Sta 136+64 to 137+00	2	13-Apr-15	15-Apr-15	1437	UMS_Install Compensation Grouting Tubes - Apple Store Sta 136+64 to 137+00																																			
UMS.33.11.0100	UMS_Install New 8" Water Main - South Side Ellis St	0	14-Apr-15	14-Apr-15	1437	UMS_Install New 8" Water Main - South Side Ellis St																																			
UMS.31.32.0070	UMS_Jet Grout Under South Wall Footings - USG	15	14-Apr-15	05-May-15	1422	UMS_Jet Grout Under South Wall Footings - USG																																			
UMS.31.41.0240	UMS_Install Sheet Piles @ Access Shaft #2 (O'Farrell)*	7	15-Apr-15	24-Apr-15	1409	UMS_Install Sheet Piles @ Access Shaft #2 (O'Farrell)*																																			
UMS.33.31.200.3b	UMS_Install Utilities, OCS Pier #3, & Backfill Street - Sta 136+64 to Sta 137+00	7	15-Apr-15	24-Apr-15	1429	UMS_Install Utilities, OCS Pier #3, & Backfill Street - Sta 136+64 to Sta 137+00																																			
UMS.31.32.105.2a	UMS_Jet Grout Stockton St West/East Side for Water Seal Rig#2 Pour 2A	10	15-Apr-15	29-Apr-15	1409	UMS_Jet Grout Stockton St West/East Side for Water Seal Rig#2 Pour 2A																																			
UMS.31.50.0250	UMS_Excavate. Lag & Support @ Access Shaft #2 (O'Farrell)	11	24-Apr-15	11-May-15	1409	UMS_Excavate. Lag & Support @ Access Shaft #2 (O'Farrell)																																			
UMS.31.20.1365	UMS_Shore Tunnel and ready for break in- Sta 132+50 To North Headwall	15	24-Apr-15	15-May-15	1414	UMS_Shore Tunnel and ready for break in- Sta 132+50 To North Headwall																																			
UMS.31.32.105.3a	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A	9	29-Apr-15	12-May-15	1417	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A																																			
UMS.31.50.0260	UMS_Install Temporary Lid @ Access Shaft #2 (O'Farrell)	10	11-May-15	26-May-15	1409	UMS_Install Temporary Lid @ Access Shaft #2 (O'Farrell)																																			
UMS2030	UMS Tunnel Interface Finish Cross Passages 3 & 4 (Req'd Feb 26, 2015)	0		22-May-15	65	UMS Tunnel Interface Finish Cross Passages 3 & 4 (Req'd Feb 26, 2015)																																			
UMS1050	UMS Excavate & Install Struts	184	20-Jul-15	12-Apr-16	5	UMS Excavate & Install Struts																																			







Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015 2016 2017 2018 2019 2020 2021																											
						2015				2016				2017				2018				2019				2020				2021			
						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
YBM.31.11.255	Place 12" Concrete Base/ AC- West Half Roof Slab	10	12-May-15	21-May-15	-16																												
YBM.31.50.109	Shore Existing Tunnels	10	20-May-15*	04-Jun-15	1401																												
YBM.31.50.109	Shore Existing Tunnels	10	22-May-15	02-Jun-15	-16																												
YBM1040	YBM Tunnel Interface Finish Cross Passages 1-5 (Req'd Feb 26, 2015)	0		22-May-15	364																												
YBM1050	YBM Excavate, Install Temp Struts & Construct Slabs to Station Platform	213	01-Jul-15	05-May-16	11																												
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																												
MPS-MOB-YBM04	YBM Mobilization Payment #4	1	22-Sep-17*	22-Sep-17	142																												
YBM0040	YBM P-1255 Commissioning Completion	0		04-Jan-18	37																												
YBM-999	YBM - Complete LOE Costs	0		10-Feb-18	229																												
MPS-MOB-YBM05	YBM Mobilization Payment #5	1	11-May-18*	11-May-18	139																												
<b>Construction STS P-1256</b>		<b>1205</b>	<b>29-Jul-13 A</b>	<b>11-May-18</b>	<b>660</b>																												
MPS-BID-636	Design ATSC Systems	178	29-Jul-13 A	11-Nov-15	565																												
STS1010	STS 4th Street Utility Work	370	15-Aug-13 A	06-Jan-16	6																												
STS.01.55.1100	Implement Pothole Street Closures	60	27-Jan-14 A	15-Apr-15	1405																												
MPS-BID-566	Design Sewer Elements 1-3 (65%)	128	31-Mar-14 A	05-Aug-15	921																												
MPS-BID-557	Procure Trackwork	248	31-Mar-14 A	24-Mar-16	476																												
BID-600C	STS Cost Activity (LOE)	1289	21-Jul-14 A	31-Mar-15	2102																												
MPS-BID-578	Stage 1 Modify Existing 78" Sewer Main & Laterals	90	31-Jul-14 A	07-Apr-15	718																												
MPS-BID-581	Stage 2 Install New 48" Gravity Sewer Main & Laterals	30	08-Sep-14 A	14-Apr-15	713																												
MPS-BID-637	ATSC Systems Equipment Procurement	81	30-Sep-14 A	23-Jul-15	643																												
MPS-BID-631	Install MRY Duct Bank 4th/Brannan	7	07-Jan-15 A	07-Apr-15	1871																												
MPS-BID-601	Install 12'/18" VCP Sewer	20	12-Jan-15 A	05-May-15	1422																												
MPS-BID-611	Install MRY Duct Bank 4th/Brannan	10	23-Jan-15 A	01-May-15	1849																												
MPS-BID-591	78" Sewer Excavate/Lay/Backfill	10	23-Jan-15 A	04-May-15	1423																												
STS.33.51.115	STS_PG&E Design Detail Period: Utilities: Gas Distribution 6" Main/Casing - 4th St -Bryant To W	90	24-Jan-15 A	29-May-15	1405																												
STS 33 11 20 d1	STS_Perform: Utilities: Auxiliary Water Supply Perform Potholing At 10 Foot Intervals	60	24-Feb-15 A	06-May-15	8																												
STS1030	STS Tunnel Portal Completion Interface (Req'd Sept 24, 2015)	0		24-Sep-15	112																												
STS1040	STS TUN Initial Electrical & ATSC work	90	07-Jan-16	12-May-16	6																												
STS1020	STS Construct Surface Station (4th and Brannan)	230	07-Jan-16	01-Dec-16	6																												
STS1050	STS TUN Remaining Electrical & ATSC work	322	13-May-16	21-Aug-17	6																												
STS1060	STS TUN F/R/P Invert & Walkways	95	05-Oct-16	21-Feb-17	23																												
STS1070	STS TUN Track Installation	110	22-Feb-17	27-Jul-17	23																												
STS1080	STS TUN Install OCS Contact Wire/RF/ATCS Cable Loop	40	22-Aug-17	17-Oct-17	6																												
MPS-MOB-STS04	SYS Mobilization Payment #4	1	22-Sep-17*	22-Sep-17	142																												
STS1090	STS Startup & Testing- Tunnel & ATSC Systems	88	26-Oct-17	10-Feb-18	0																												
STS0030	STS Substantial Completion	0		10-Feb-18	1																												
MPS-MOB-STS05	SYS Mobilization Payment #5	1	11-May-18*	11-May-18	139																												
<b>UMS-1253 Contract Modification</b>		<b>0</b>	<b>28-Feb-15 A</b>	<b>31-Mar-15</b>	<b>2102</b>																												
CN1300-CM-006	CMOD #6	0	28-Feb-15 A	31-Mar-15	2102																												
CN1300-CM-007	CMOD #7	0	28-Feb-15 A	31-Mar-15	2102																												
<b>Project Start Up</b>		<b>175</b>	<b>16-Apr-18</b>	<b>26-Dec-18</b>	<b>0</b>																												
STU1010	S&S Certification / Pre-Revenue Activities	115	16-Apr-18	27-Sep-18	0																												
BUF0018	Muni Float	60	28-Sep-18	26-Dec-18	0																												
<b>Unallocated Contingency</b>		<b>219</b>	<b>12-Feb-18</b>	<b>26-Dec-18</b>	<b>0</b>																												
CO1.700	Cost Activity Unallocated Contingency (LOE) - 1.7.500.99.090.00 - Contingency	219	12-Feb-18	26-Dec-18	0																												
<b>Project Management</b>		<b>505</b>	<b>27-Dec-18</b>	<b>30-Dec-20</b>	<b>0</b>																												
CO1.840	Program Closeout	120	27-Dec-18	18-Jun-19	385																												

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016				2017				2018				2019				2020				2021								
						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					
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 4<sup>th</sup> 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%
<b>Total</b>	<b>\$648.460</b>	<b>\$1,588.000</b>	<b>\$2,236.460</b>	<b>100.0%</b>

*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:

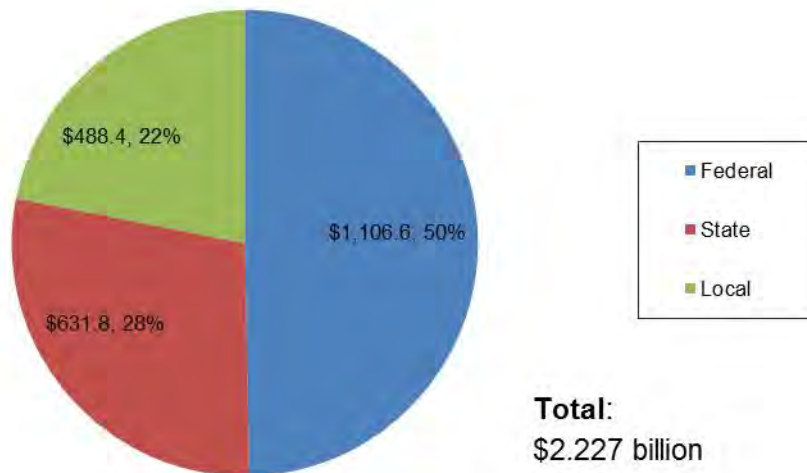
- Phase 1 + Phase 2 of the T Third Line federal, state and local funding percentages previous to the addition of the retrieval shaft relocation budget and funding in December 2013.

## 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.

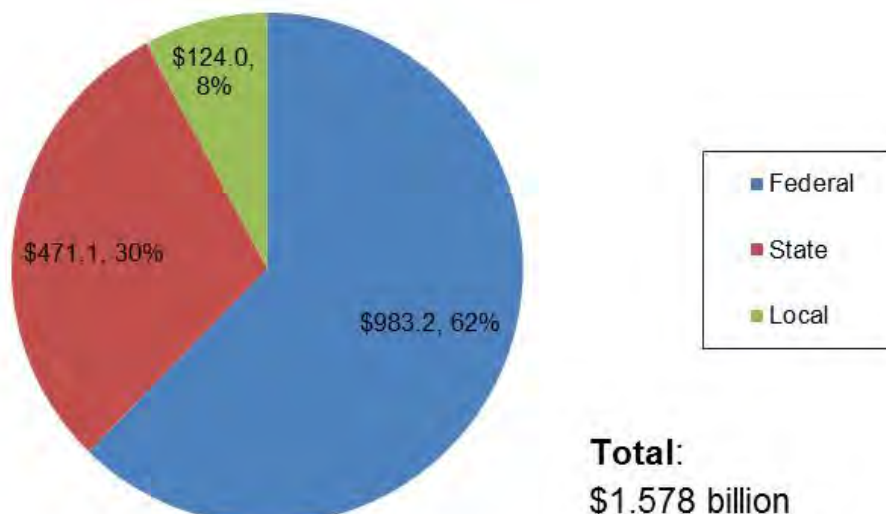
### Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2  
(\$ in millions)



### Central Subway Project Funding

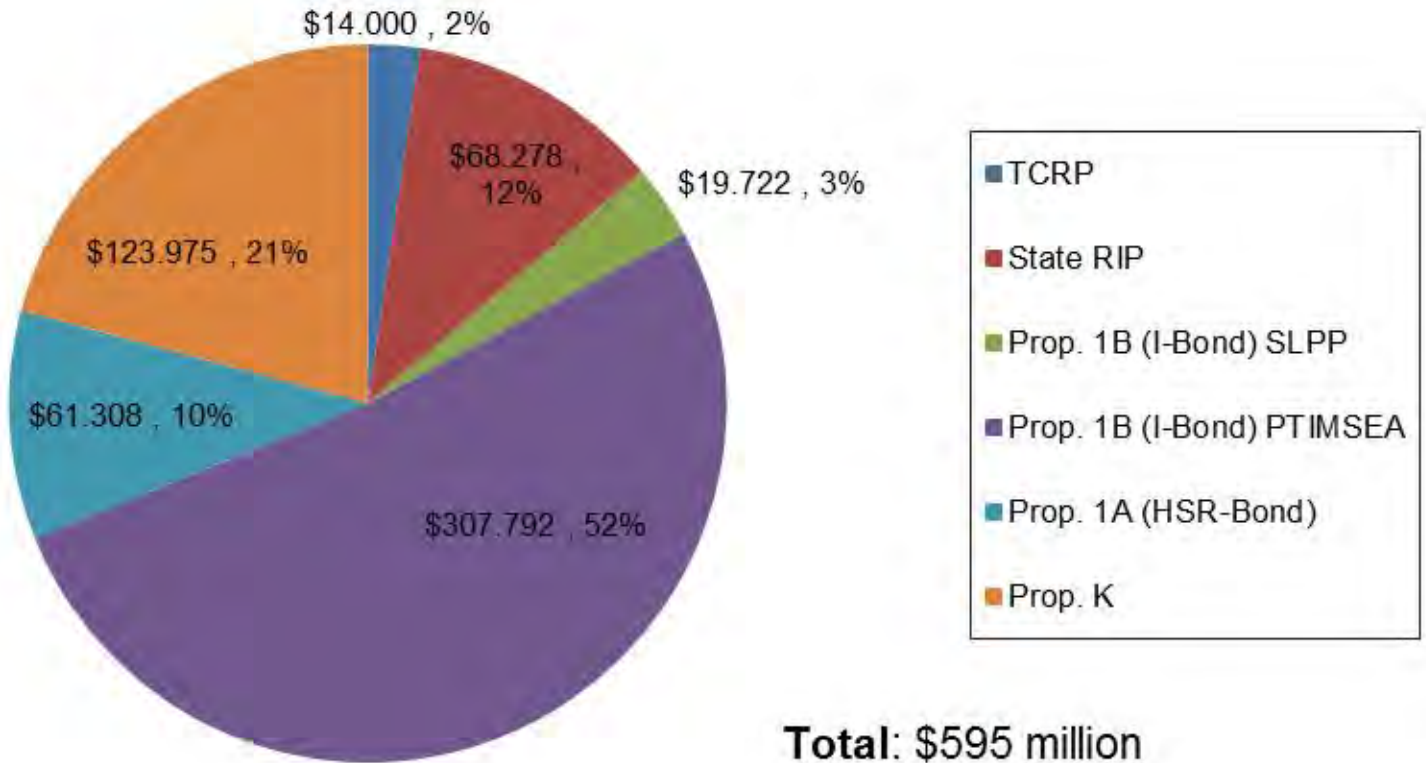
Phase 2  
(\$ in millions)





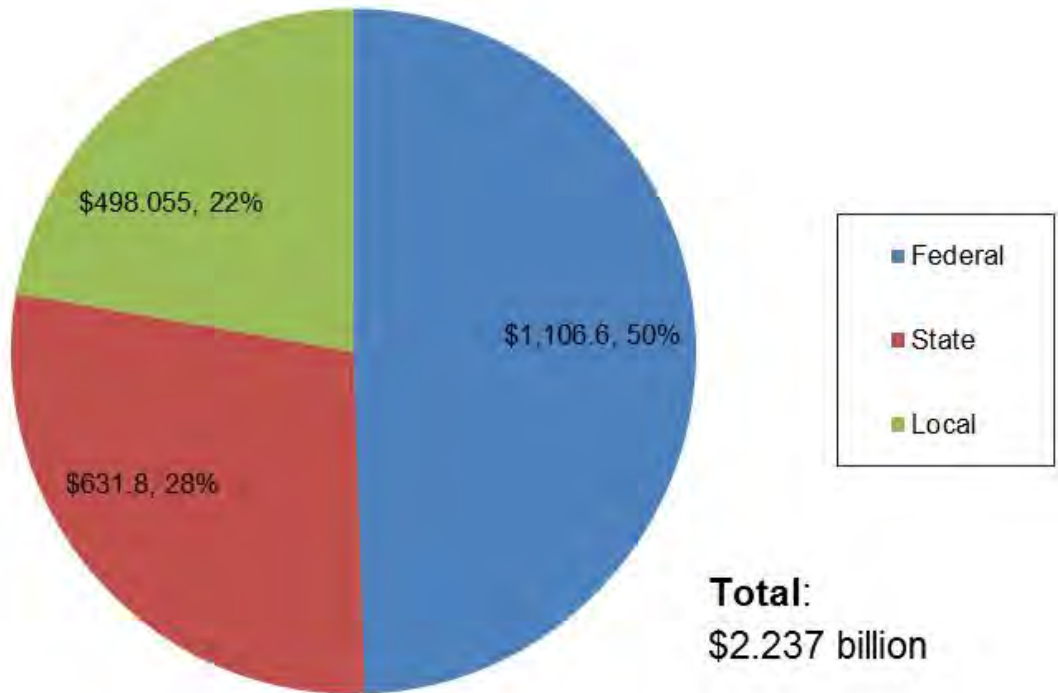
# State and Local Funding

Phase 2  
(\$ in millions)



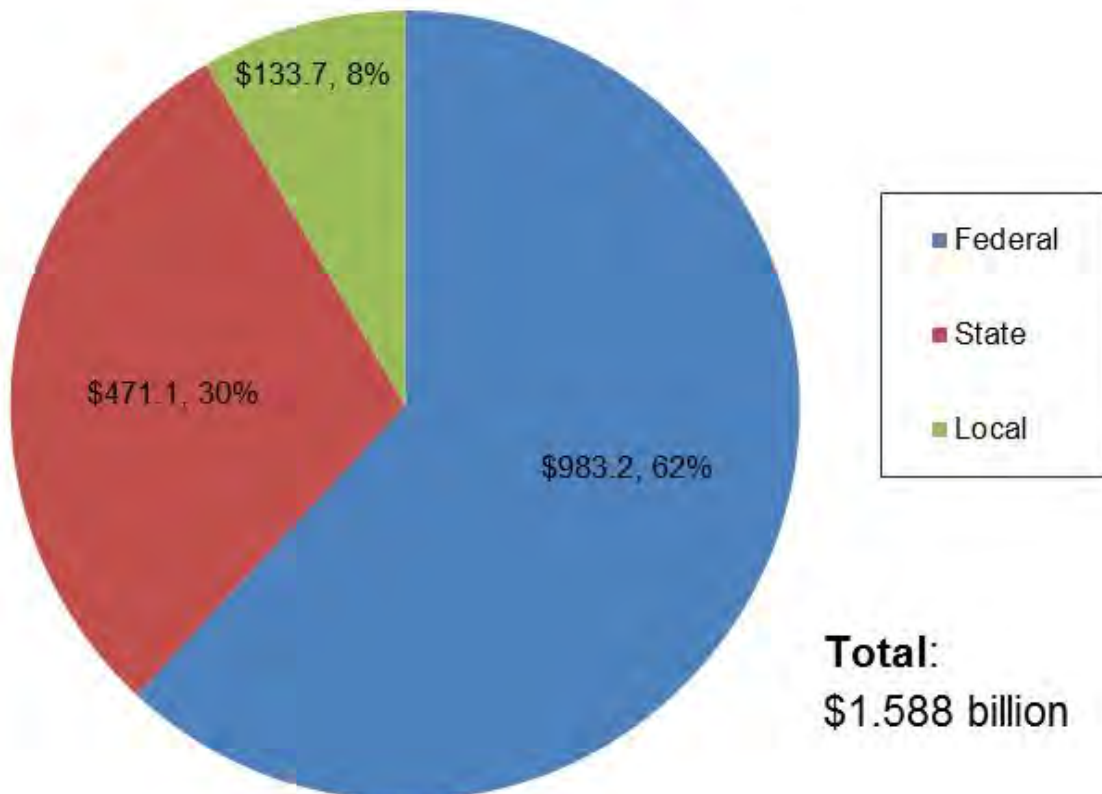
## Third Street Light Rail Transit Project Funding

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

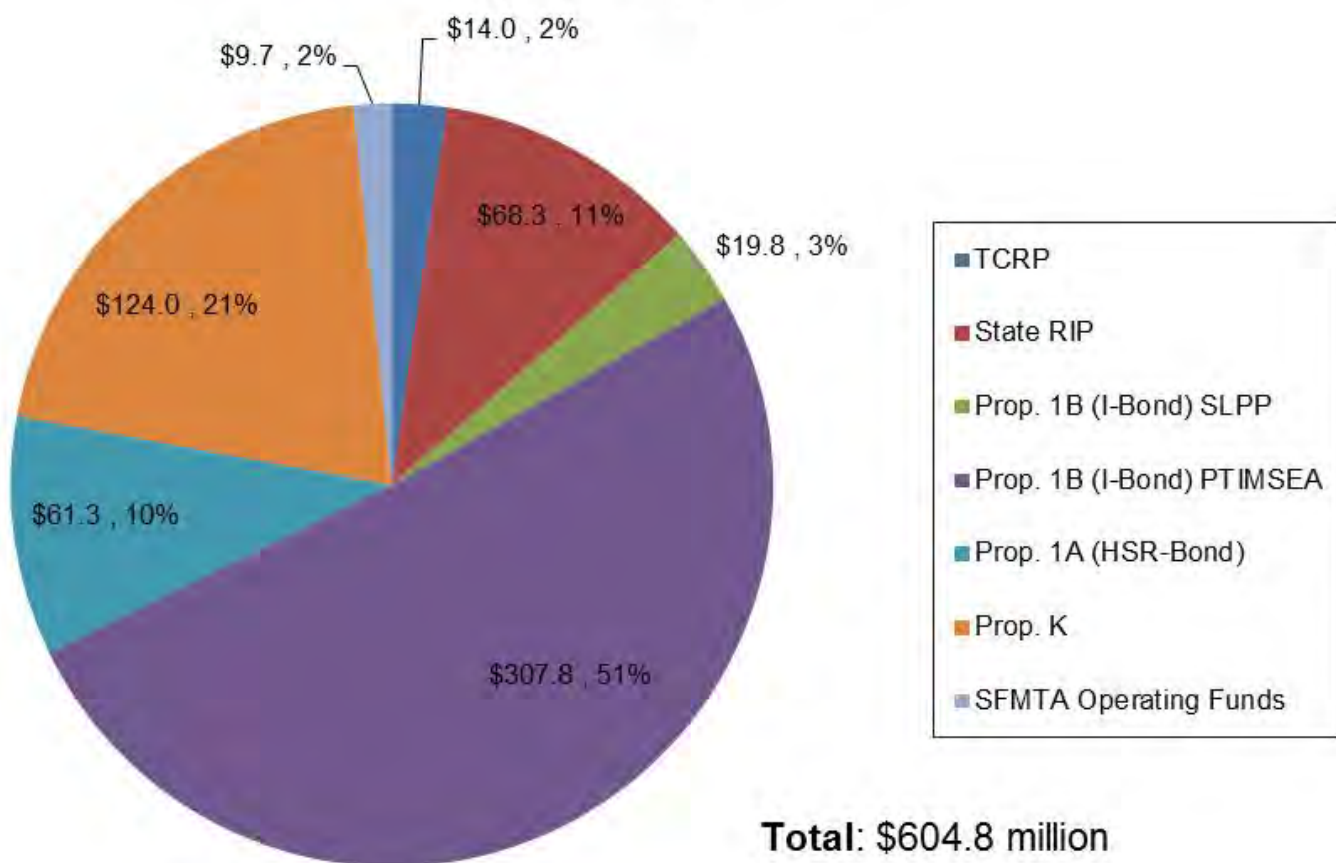


## Central Subway Project Funding

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
<b>Budget Impact (Underrun)</b>	<b>(\$1,534,585)</b>

## Contract Details

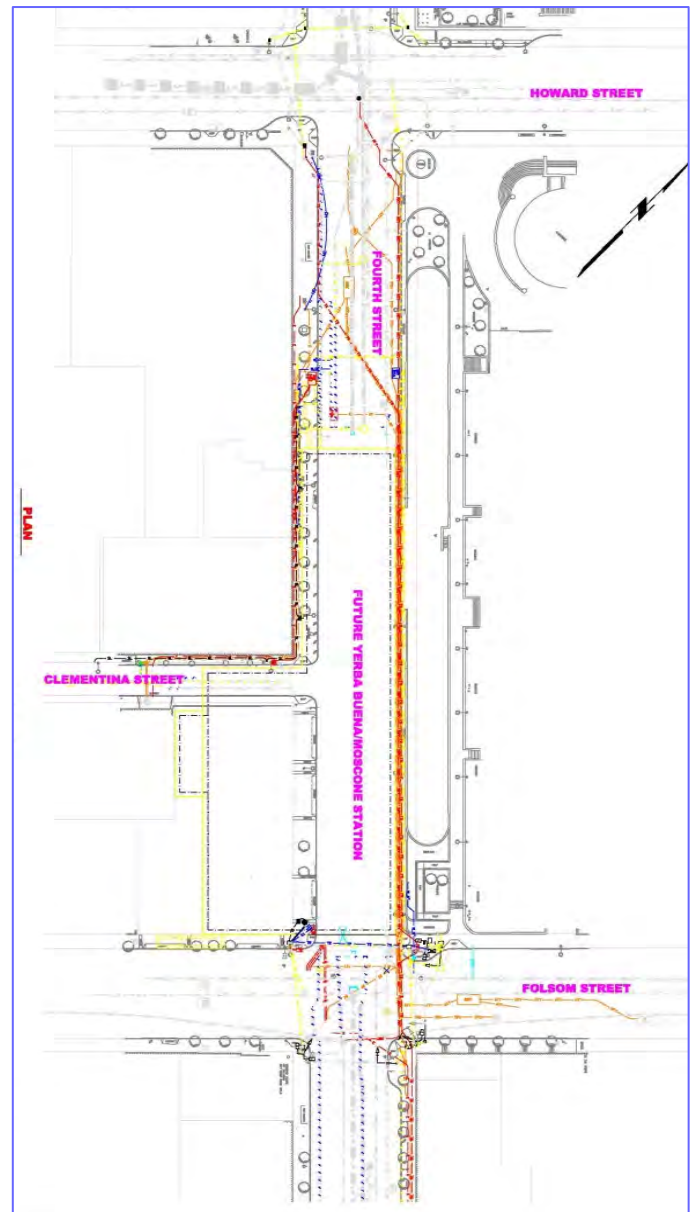
<b>Contract Awarded:</b>	November 17, 2009
<b>Notice to Proceed:</b>	January 4, 2010
<b>Substantial Completion:</b>	June 23, 2011
<b>Contract Award Value:</b>	\$ 9,273,939
<b>Modifications Final :</b>	\$ 2,694,211
<b>Final Contract Value:</b>	\$11,968,150

## 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

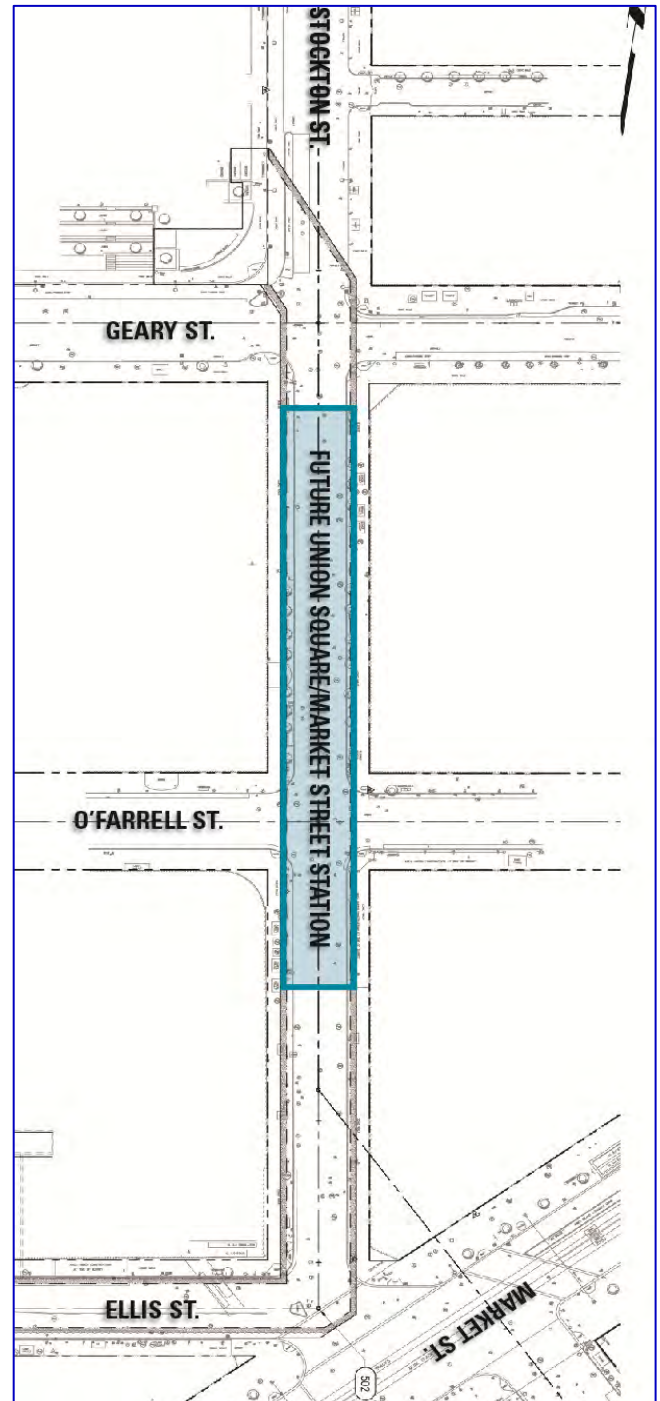
**Contract 1251**

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
<b>Budget Impact (Underrun)</b>	<b>(\$9,023,678)</b>

## 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	
<b>Contract Awarded:</b>	June 12, 2013
<b>Notice to Proceed:</b>	July 15, 2013
<b>Substantial Completion:</b>	Sept. 24, 2013
<b>Contract Award Value:</b>	\$498,995
<b>Modifications to Date:</b>	\$108,228
<b>Current Contract Value:</b>	\$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 March 31, 2015.<sup>1</sup>

**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 \$s = A * B	SBE Amount to Date = C * D	Contractor's SBE Goal (in Bid)	
<b>A Project Professional Services Contracts</b>			<i>millions</i>		<i>millions</i>		<i>millions</i>		<i>millions</i>	
1	149	CS Partnership	Project Management	\$85.14	30%	\$48.70	36%	\$25.54	\$17.61	31.4%
2	156	Hill International	Project Controls Task 1	\$17.11	26%	\$8.11	22%	\$4.45	\$1.77	26.0%
3	155-1	PB Telemon	Tunnels Design	\$7.49	30%	\$7.45	30%	\$2.25	\$2.24	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%
<b>Subtotal Professional Services</b>				<b>\$163.50</b>		<b>\$105.31</b>		<b>\$48.36</b>	<b>\$37.51</b>	
<b>B Project Construction Contracts</b>			<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%	238.75	5.8%	\$14.48	\$13.90	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%	\$242.38	11.1%	\$167.65	\$26.84	25.5%
<b>Subtotal Construction Contracts</b>				<b>\$1,112.98</b>		<b>\$514.53</b>		<b>\$189.36</b>	<b>\$71.18</b>	
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.

<sup>1</sup> 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 21.8% 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 #15 March 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:	<b>Project Management and Construction management</b>	
Contract No.	<b>CS-149 Central Subway Partnership</b>	
Status:	On-going	
	Base Contract Value	\$85,139,092
	Approved Change Orders	-0-
	Current Contract Value	\$85,139,092
	Expended to Date (est.)	\$48,700,000
	% Expended	57.2%
	SBE Participation	36.2%

Contract:	<b>Project Controls Cost and Schedule Support</b>	
Contract No.	<b>CS 156 Hill International Task 1</b>	
Status:	On-going	
	Base Contract Value	\$17,112,873
	Approved Change Orders	-0-
	Current Contract Value	\$17,112,873
	Expended to Date (est.) (a)	\$8,105,085
	% Expended	47.4%
	SBE Participation	21.8%

Contract:	<b>Design Package 1 for CNs 1250, 1251 and 1252 Tunnels</b>	
Contract No.	<b>CS-155-1 PB / Telemon</b>	
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.)	\$7,450,454
	% Expended	99.4%
	SBE Participation	30.0%

Contract:	<b>Design Package 2 for 1253 UMS, 1254 CTS, 1255 YBM Stations.</b>	
Contract No.	<b>CS-155-2 Central Subway Design Group</b>	
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:	<b>DP 3 Systems, Track work, Surface station.</b>	
Contract No.	<b>CS-155-3 HNTB-B&amp;C</b>	
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 Jan - Mar 2015 is accruals.

### Active and Completed Construction Contracts - SBE Participation Details

Contract: <b>Synergy Inc Utility Relocation 1 YBM &amp; Launch</b>	
Contract No. <b>1250</b>	
Status: <b>Contract is completed and closed out</b>	
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: <b>Synergy Inc Utility Relocation 2 UMS</b>	
Contract No. <b>1251</b>	
Status: <b>Contract is completed and closed out</b>	
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: <b>Pagoda Palace Demolition / MH Construction</b>	
Contract No. <b>1277</b>	
Status: <b>Construction is complete. Contract in Close Out</b>	
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: <b>Tunnels Barnard/Impregilo/Haley</b>	
Contract No. <b>1252*</b>	
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: <b>Stations and Systems / Tutor Perini</b>	
Contract No. <b>1300*</b>	
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:*

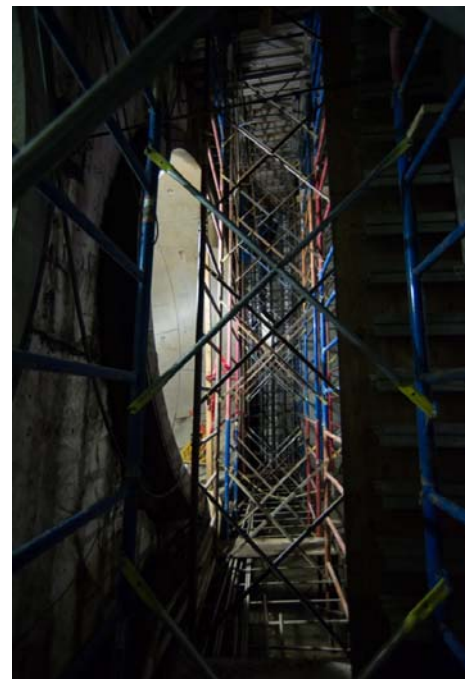
The top three photos recount the special street reconstruction in December that was carried out for the mandatory Holiday Moratorium on construction in the downtown core area. Stockton Street between Market and Union Square was rebuilt to be an urban open space.

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



# central subway

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