

central subway

New Construction in New Year Work ramps up at five major work sites



Progress Report

January 2015



SFMTA
Municipal
Transportation
Agency

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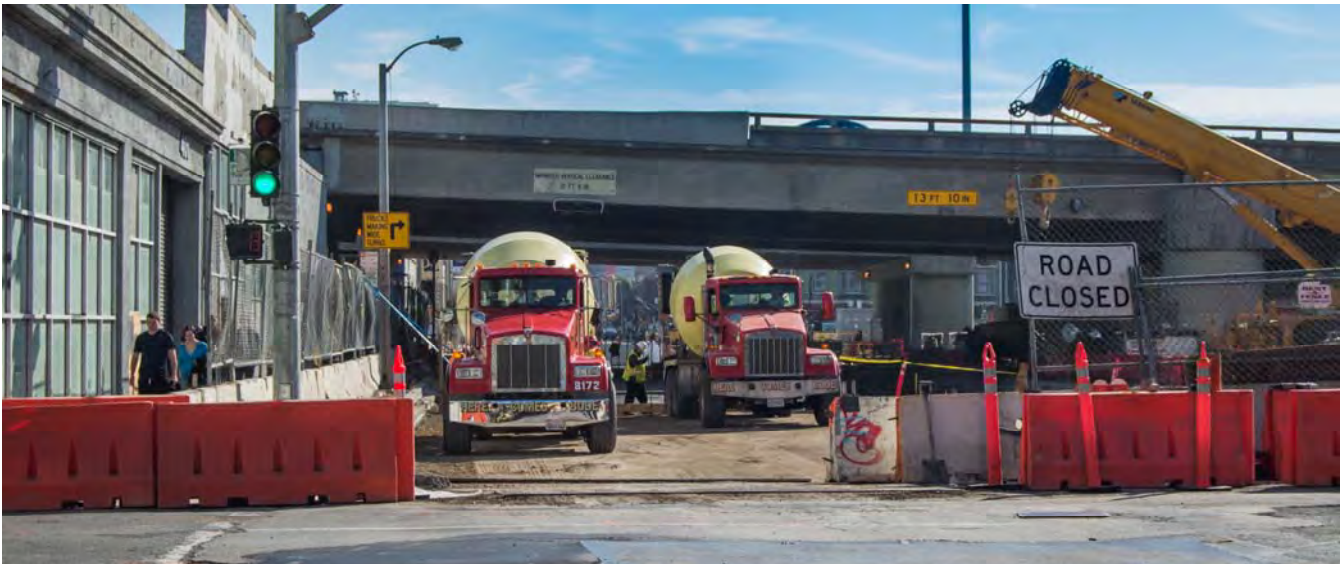
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Cover photo: Before the platform of the 4th and Brannan Station can be constructed, a series of foundation piles are being installed to establishing lasting support in the soil beneath the future surface station. This machine, called a rotary drill rig, cores out earth to construct piles in place. More photos of the 4th and Brannan Station construction are on page 45.

Above photos: To prepare for surface track construction along 4th Street south of Brannan, workers must first excavate and reinforce a 48-inch sewer on the right side of the photo.

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.centraSubwaysf.com/>



Workers poured a new concrete road bed which will be temporarily used for Golden Gate Transit buses between Harrison Street and Perry Alley.

Executive Summary

Union Square/Market Street Station Winter Walk open space infrastructure was dismantled and removed and Stockton Street station work site was remobilized with material and equipment. The protective, decorative fence and barriers were reinstalled around the work. Pile installation resumed with 23 of the remaining 37 final exterior station wall battered piles completed. Jet grout testing operations resumed along the east side of Stockton Street near Geary.

Chinatown Station completed several important site preparations for major excavation of the head house; including AWSS relocation on Washington Street, guide wall demolition, and installation of dewatering wells and inclinometers inside the head house.

Yerba Buena/Moscone Station completed remaining slurry walls around the head house. The west side roof slab construction began with Segment 1 extending from the north headwall to just north of Clementina.

The first four of a total forty five cast-in-place drilled piles were installed at the 4th/Brannan Station site to progress the **Surface, Track and Systems** work while important utility relocations and enhancements continue.

The **Tunnel** 4th street transition portal structure's remaining invert slab was poured and one traffic lane between Harrison and Perry was restored. Installation of additional freeze pipes was completed to progress work at Cross Passage 5.

Total project costs to date are \$747.65 million, an increase of \$17.91 million over last month. The total cost to date equals 47.37% of the total project budget of \$1.578 billion. The Master Project Schedule continues to forecast the Revenue Service Date of December 26, 2018.

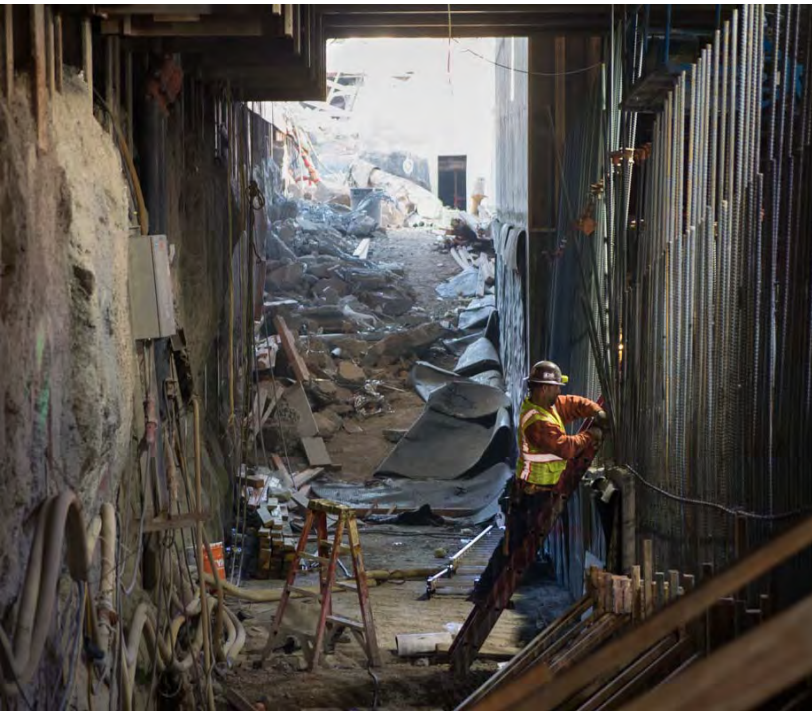
The Tunnel and Stations Contractors' Safety Reports show recordable accidents took place this month and rates of incident continue to be below industry standards.

Key Milestones

Restoring the 4th Street roadway: Part I



1 Work to construct the tunnel portal continues underground



2 Portions of the site not used for the future tunnel portal are backfilled

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



3 The surface is graded and a new road slab is poured - see pgs. 43 -44

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 project costs to date are \$747.65 million, an \$17.91 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$708.56 million) plus the utilities joint trench Form B Reimbursement payment (\$10.03 million), invoices currently being processed (\$10.84 million) and estimates of outstanding pay requests (\$18.23 million). This incurred amount equals 47.37% 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 January 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:	\$ 782,482,768
Earned Value:	\$ 736,801,206
Actual Cost:	\$ 747,652,215
Schedule Performance Index (SPI):	0.94
Cost Performance Index (CPI):	0.99
% Complete:	46.6%

Over all, the program is 46.5% complete, on schedule (with an SPI of 0.94) and on budget (CPI 0.99). The Earned Value Cash Flow is shown in Report 7.2 below.

Schedule Highlights (See Appendix B for Details)

The Master Project Schedule, showing progress through January 31, 2014, continues to forecast Revenue Service beginning 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. See Appendix B.

The 1300 Contractor submitted the first Schedule Update (thru December 2014), confirming a 6 month late finish. The 1300 Contractor continues to work multiple shifts on key critical activities to recover lost time. Review of schedule update as well as identifying recovery options is ongoing. CTS excavation for Surface Level Deck commenced this month.

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. Remedial work to repair voids at Cross Passage 5 continues, prolonging work in the tunnels.



Inside the tunnel portal site, just south of Harrison on 4th Street, blue lights illuminate the two tunnel entrances, where equipment is still being moved in and out.

Schedule Highlights - Continued

Contract 1252 performed the following work this period:

- Tunnel cleaning and repairs - on going.
- TBM mining support equipment demobilizing from the launch box.
- Complete installation of additional freeze pipes within the tunnel and continue ground freezing at Cross Passage 5.
- Poured the remaining invert slab for the Portal Structure.
- Restored one traffic lane between Harrison and Perry.
- Continue installation of AWSS and waterlines at intersection of 4th and Harrison.
- Installed the seismic frame for the SB tunnel at the portal structure.
- Completed North Beach Street restoration with exception of the street lights.

Contract Milestones	Required Finish	JAN 2015 Finish	DEC 2014 Finish	Ahead/ Behind Requirement
Contract 1252 Tunnel Substantial Completion	15-Apr-15	15-Apr-15	15-Apr-15	(0) CD

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 and updated with Tutor's Baseline Schedule once properly updated. The Contract 1300 Update Schedule is currently under SFMTA review.

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. The table below 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 and tunnel access is not expected to impact Contract 1300. The current completion date of the Contract 1252 is also shown in the table below.

Interface Points	CN1300 Requirement	CN 1252 January Finish	Variance
Tunnel Portal Completion	24-Sep-15	15-May-15	132 CD

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

- Dismantle Winter Walk and remobilize material and equipment along Stockton.
- Resume Station Box Pile installation 184 Station Box piles completed out of 198
- Begin work on Ellis /Stockton South Concourse /BART connection.
- Began work in Union Square Garage—Hazardous material abatement and demolition.

Schedule Highlights - Continued

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

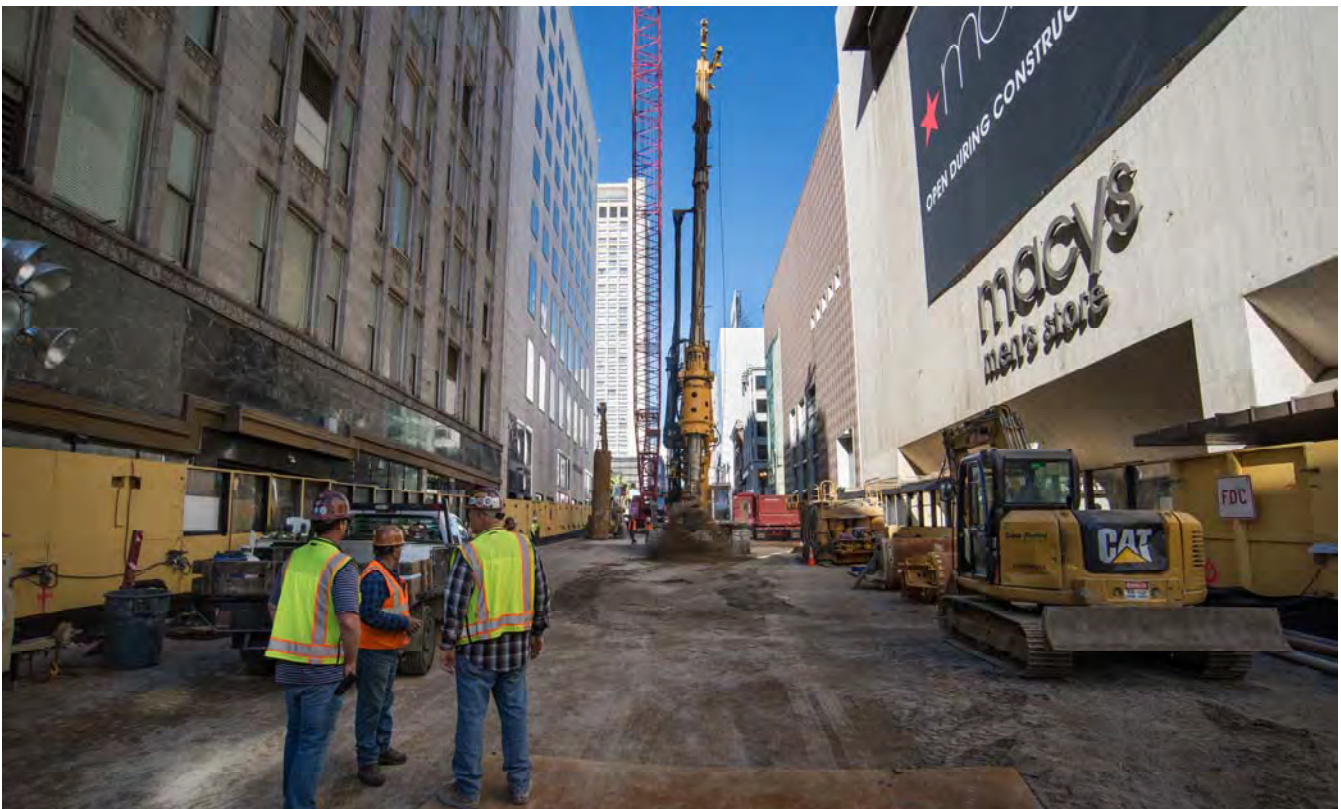
- Completed installation of dewatering wells inside Headhouse.
- Completed installation of inclinometers in the Headhouse.
- Demolished Slurry Wall guide walls.
- Completed installation of hydrant on Washington Street.

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

- Installation of slurry walls completed, 95 of 95 total
- West side roof slab construction begun; the west side roof is to be constructed in three segments, each 113' long. Segment 1 from north headwall to just north of Clementina, excavation completed, mud slab placed.
- Rebar installation and excavation in Segments 2 and 3 pending.

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

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



Installation of the remaining 37 piles for Union Square/Market Street Station's underground walls resumed in January.

Master Project Schedule

Activity ID	Activity Name	Original Duration	2015				2016				2017				2018			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CENTRAL SUBWAY PROJECT																		
Program Level Milestones																		
PJD1000	Central Subway Project Start	0																
MS0004A	Tunnel Excavation Complete - Project Milestone #4A	0																
MS00019	Baseline Finish Date: 12-26-2018	0																
MS00009	CSP Revenue Service Date	0																
Preliminary Engineering Phase																		
Final Design																		
	Light Rail Vehicles	1969																
	Real Estate	2371																
	Construction Phase	2349																
	Construction Support and Costs	2671																
	Construction Utility Contract #1- MOS & Portal CN-1250	505																
	Construction Utility Contract #2 - UMS CN-1251	643																
	Construction Tunnels CN-1252	1076																
	Construction CN-1300	1386																
	CN-1300 Milestone	1790																
	Construction UMS Station P-1253	1790																
	Construction CTS Station P-1254R	1386																
	Construction YBM Station P-1255	1790																
	Construction STS P-1256	1234																
	UMS-1253 Contract Modification	382																
Project Start Up																		
	Unallocated Contingency	175																
	Cost Activity Unallocated Contingency (LOE) - 1,750,99,090.00 - Contingency	219																

Activity Name	Original Duration	2015	2016	2017	2018	2019	Required Revenue Data
Program Level Milestones	4039						
Central Subway Project Start	0						
Tunnel Excavation Complete - Project Milestone #4A	0						
Baseline Finish Date: 12-26-2018	0						
CSP Revenue Service Date	0						
Light Rail Vehicles	1969						
Real Estate	2371						
Construction Phase	2349						
Construction Support and Costs	2671						
Construction Utility Contract #1- MOS & Portal CN-1250	505						
Construction Utility Contract #2 - UMS CN-1251	643						
Construction Tunnels CN-1252	1076						
Construction CN-1300	1386						
CN-1300 Milestone	1790						
Construction UMS Station P-1253	1790						
Construction CTS Station P-1254R	1386						
Construction YBM Station P-1255	1790						
Construction STS P-1256	1234						
UMS-1253 Contract Modification	382						
Project Start Up	175						
Unallocated Contingency	219						
Cost Activity Unallocated Contingency (LOE) - 1,750,99,090.00 - Contingency	219						



Work to excavate the interior of the station has begun at the Yerba Buena/Moscone Station site.

Contracts & Construction

Construction Contracts In Progress

Contract 1252: Central Subway Tunneling

- Contractor: Barnard Impregilo Healy (BIH) JV
- Amount: \$241.09 million
- Contract Status: 97.33% complete construction

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

- Contractor: Tutor - Perini Corporation
- Amount: \$838.09 million
- Contract Status: 26.88% 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.

Three Month Look Ahead

- Complete construction of cross passage 5.
- Complete tunnel cleaning and repairs.
- Remove remaining tunnel utilities.
- Complete construction of the portal structure.
- Reopen 4th street between Harrison and Bryant.
- Complete ground remediation, utility repair and roadway restoration at 4th and Jessie
- Continue Safety as the priority for all.

Current Status

- Tunnel cleaning and repairs - on going.
- TBM mining support equipment demobilizing from the launch box.
- Complete installation of additional freeze pipes within the tunnel and continue ground freezing at Cross Passage 5.
- Poured the remaining invert slab for the Portal Structure.
- Restored one traffic lane between Harrison and Perry.
- Continue installation of AWSS and waterlines at intersection of 4th and Harrison.
- Installed the seismic frame for the SB Tunnel at the portal.
- Completed North Beach Street restoration with exception of the street lights.

Work Expected Next Month

- Continue final tunnel cleaning and repairs and demobilization of tunnel facilities.
- Continue cleanup of mining support equipment from the launch box.
- Monitor the ground freezing and begin excavation of Cross Passage 5.
- Begin compaction grouting program at 4th and Jessie.
- Begin restoration of utilities at 4th and Jessie.
- Continue construction of the portal structure. Complete the installation of the west walls to reopen one traffic lane between Harrison to Bryant.
- Continue assembly and installation of the seismic frames at the headwalls.
- Complete installation of the AWSS work at 4th and Harrison.
- Complete replacement of the 30" forcemain on 4th street.
- Complete pedestrian improvements on Columbus Avenue.

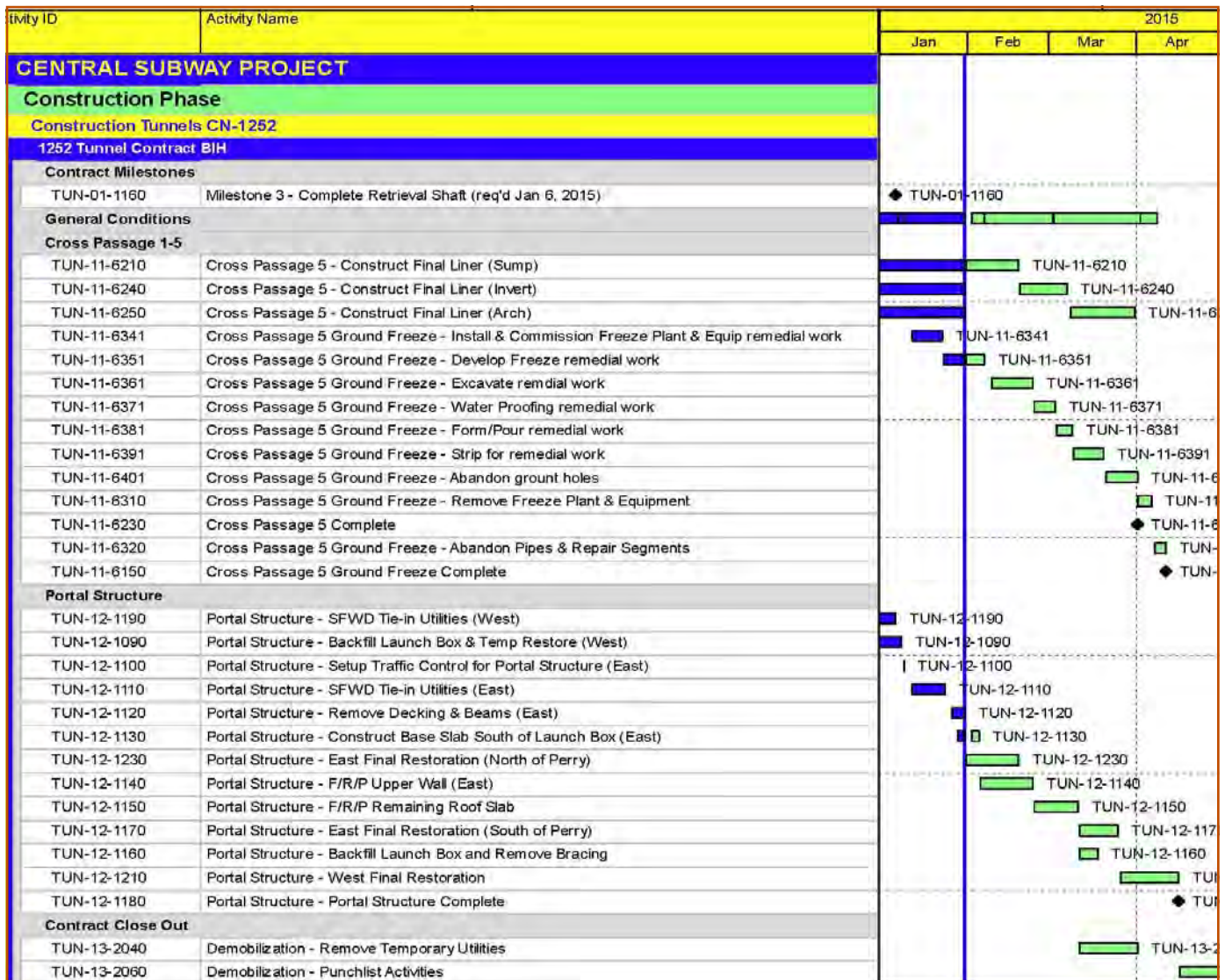


Subway Tunneling/Portal Construction Contract - Continued

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:	\$7,500,315
Current Contract Value:	\$241,084,330

Budget/Expenditures	
Category	Amount
Current Budget	\$251,068,971
Other Project Budget	\$5,150,000
Other Offset Credits	\$1,023,508
Expenditures to Date	\$228,641,040

Three Month Schedule



Stations, Surface, Track and Systems

Contract 1300 Contractor: Tutor-Perini Corporation

Description of Work

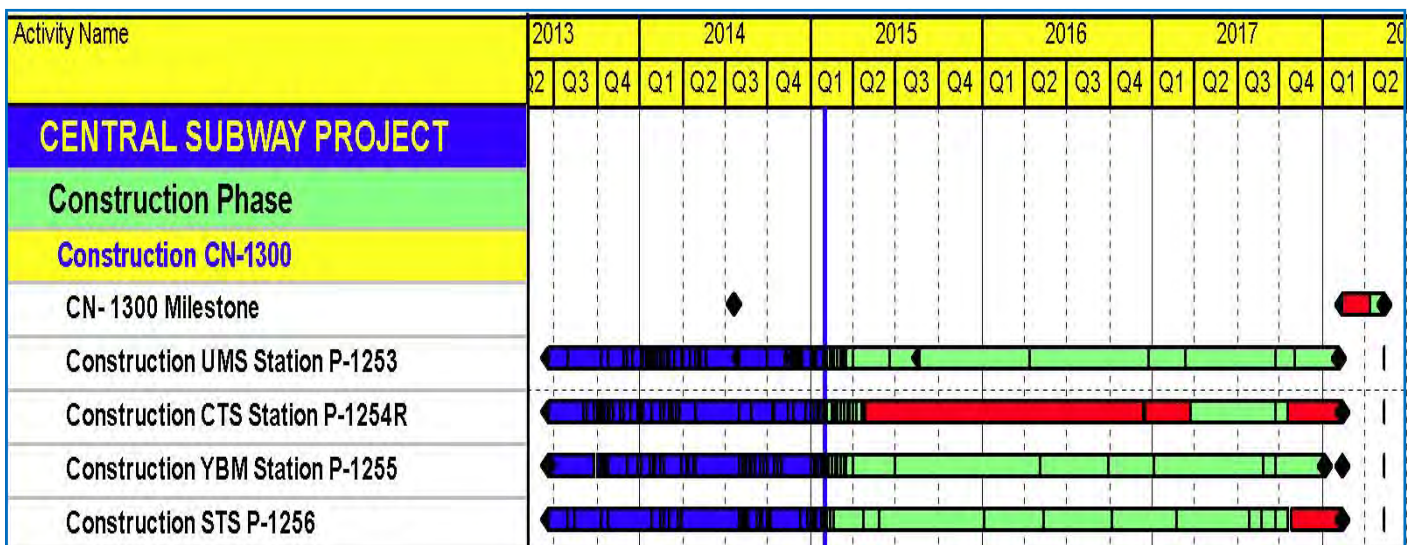
The Contract 1300 scope is to construct the Central Subway's four stations, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

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: (1-5)	(\$1,587,913)
Current Contract Value :	\$838,088,487

Budget/Expenditures▲	
Current Budget	\$859,676,400
Expenditures to Date	\$225,267,030

1300 Summary 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.

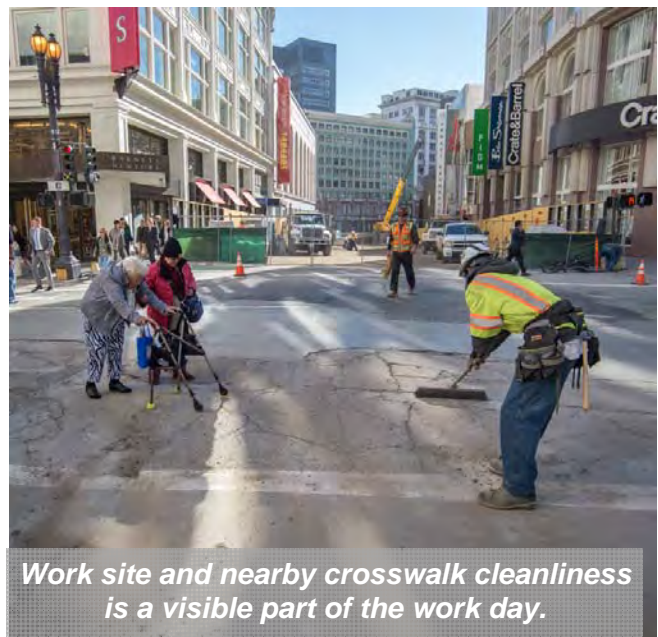
Interior work includes station finishes, connecting to and modifying the BART Powell Street Station.

Three Month Look Ahead

- Close Stockton Street between Ellis and Post Streets.
- Progress I-beam, roof deck and waterproofing installation for roof deck construction.
- Begin demolition operations at Ellis Street on existing BART structure install new roof and BART entrance for station.
- Begin Union Square Garage (USG) demolition for North concourse entrance.
- Continue working on Union Square Garage, tieback installation, micro-pile installation and demolition.
- Begin jet-grouting operations on East side of Stockton Street.
- Complete B-pile installation on Stockton from O'Farrell Street going North.

Current Status This Month

- Removed Winter Walk space infrastructure, re-installed decorative public work site barriers and remobilized material and equipment.
- Resume Station Piles: Station Box 184 piles completed out of 198.
- Union Square Garage - establish work sites and start first work on this segment.
- Completed Jet grouting testing operation for east side of Stockton Street.



Work site and nearby crosswalk cleanliness is a visible part of the work day.

Work Expected Next Month

- Street closures: Stockton Street between Ellis and Post and Ellis halfway, Stockton to Powell.
- Union Square Garage - Haz Mat removal and demolition.
- Begin jet grouting operations on East side of Stockton Street.
- Continue excavation and utility supports between Maiden Lane and Geary Street
- Install roof between Maiden Lane and Geary Street
- Excavation and demolition operations at Ellis Street, concurrent with excavation of enlarged areas for roof deck.

Union Square Market Street Station Construction Contract - 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

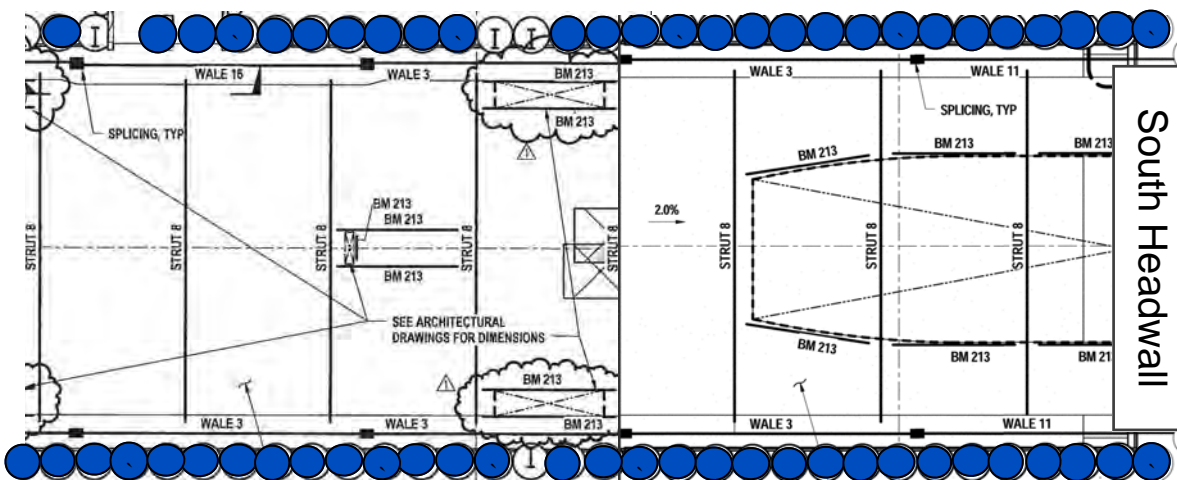
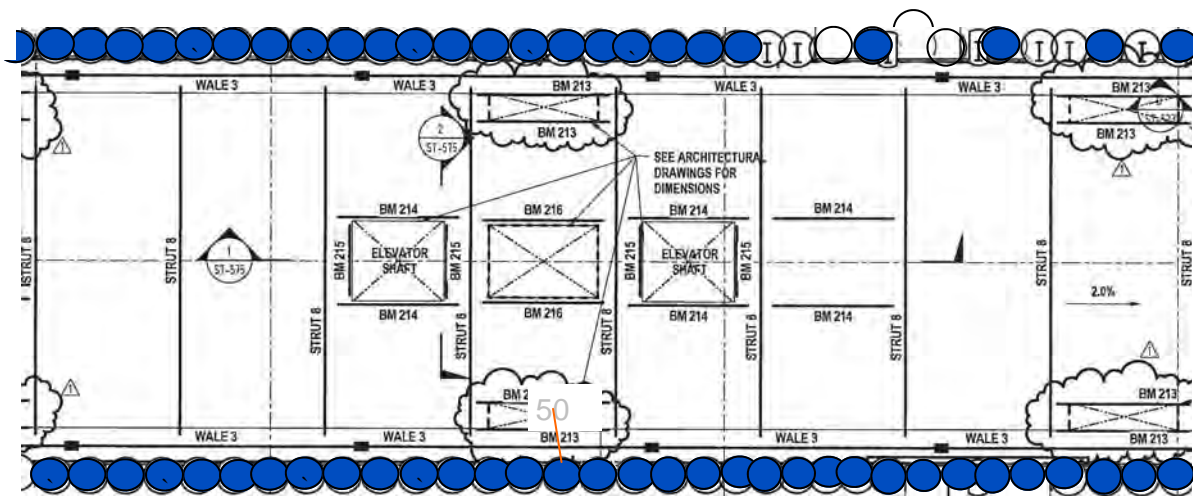
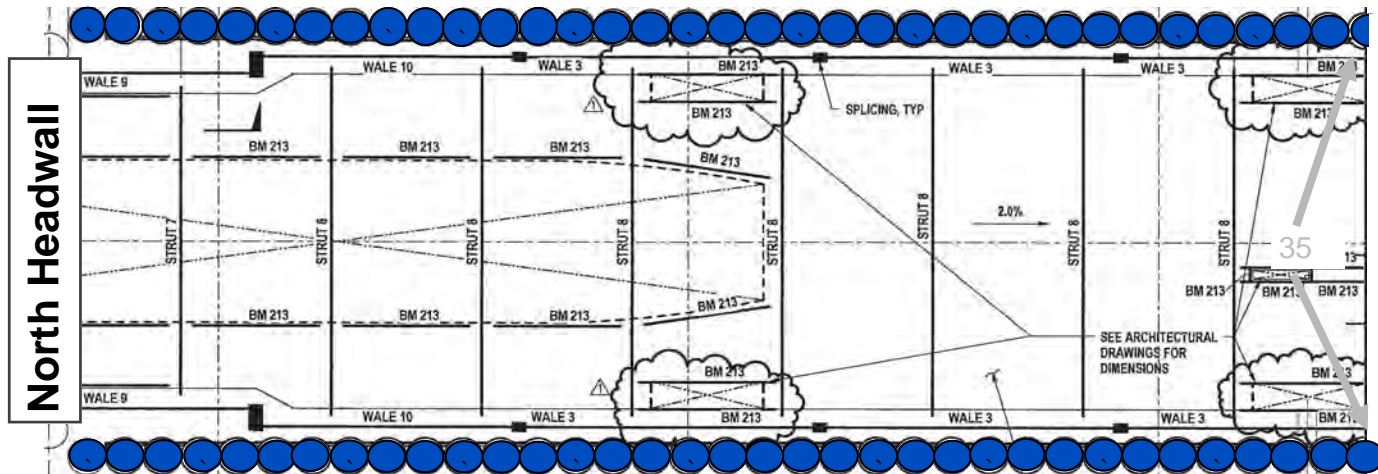
Budget/Expenditures ▲	
Current Budget	\$299,030,590
Expenditures to Date	\$99,619,119

UMS Three Month Schedule

Activity ID	Activity Name	2015			
		Jan	Feb	Mar	Apr
CENTRAL SUBWAY PROJECT					
Construction Phase					
Construction CN-1300					
Construction UMS Station P-1253					
UMS.31.32.100.1a	UMS_Jet Grout Piles - Stockton St East/West Side for Water Seal Rig#1 Pour 1A				UMS.31.32.100.1a
MPS-BID-525	Drill/Pour B-Piles - North of O'Farrell (34 QTY)				MPS-BID-525
MPS-BID-545	Instrumentation/inclinometer installation				MPS-BID-545
MPS-BID-555	Expose/Support Utilities along Stockton				MPS-BID-555
UMS.31.62.110.4b	UMS_Install (9ea) Battered Piles in Stockton St East Side - Sta 133+06 to 133+44 - Rig #2				UMS.31.62.110.4b
UMS.31.32.100.2a	UMS_Jet Grout Stockton St East/West Side for Water Seal Rig#2 Pour 2A				UMS.31.32.100.2a
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.31.32.100.5b	UMS_Jet Grout Stockton St/O'Farrell West Side for Water Seal Rig#1 12ea Piles w/e #1-3				UMS.31.32.100.5b
UMS.31.50.0040	UMS_Install Bracing & Shoring for Walls & Slabs				UMS.31.50.0040
UMS.31.62.115.4b	UMS_28 Day Cure for Battered Piles - Stockton St East - Sta 133+06 to Sta 133+44				UMS.31.62.115.4b
UMS.05.12.205.2b	UMS_Install Roof Deck Beams - Sta 136+28 to Sta 136+64				UMS.05.12.205.2b
UMS.05.30.200.2b	UMS_Install Metal Roof Decking - Sta 136+28 to Sta 136+64				UMS.05.30.200.2b
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
UMS.03.30.200.2b	UMS_UMS_Formwork/Rebar Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64				UMS.03.30.200.2b
MPS-BID-535	Drill/Pour B-Piles - O'Farrell Intersection (3 QTY)				MPS-BID-535
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.03.30.205.2b	UMS_Place Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64				UMS.03.30.205.2b
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.23.34.0385	UMS_CN_Install HVAC Air Duct Risers to Conc Duct Below (In Union Square Garage Lvl 4)				UMS.23.34.0385
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.07.14.200.2b	UMS_Install Waterproofing System/Grout Cover - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64				UMS.07.14.200.2b
UMS.31.50.0250	UMS_Excavate, Lag & Support @ Access Shaft #2 (O'Farrell)				UMS.31.50.0250
UMS.31.20.1365	UMS_Shore Tunnel and ready for break in- Sta 132+50 To North Headwall				UMS.31.20.1365
UMS.31.20.205.2b	UMS_Backfill Roof Section To Subgrade & Move Skid - Sta 136+28 to Sta 136+64				UMS.31.20.205.2b
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.02.41.0060	UMS_Demo Garage Roof Slab				UMS.02.41.0060
UMS.31.20.202.3b	UMS_Excavate To Compensation Grout Level - Sta 136+64 To Sta 137+00				UMS.31.20.202.3b
UMS.31.43.510.2b	UMS_Install Compensation Grouting Tubes - Apple Store, Armani Sta 136+28 to 136+64				UMS.31.43.510.2b
UMS.31.43.510.3b	UMS_Install Compensation Grouting Tubes - Apple Store Sta 136+64 to 137+00				UMS.31.43.510.3b
UMS.33.11.0100	UMS_Install New 8" Water Main - South Side Ellis St				UMS.33.11.0100
UMS.31.32.0070	UMS_Jet Grout Under South Wall Footings - USG				UMS.31.32.0070
UMS.31.50.0260	UMS_Install Temporary Lid @ Access Shaft #2 (O'Farrell)				UMS.31.50.0260

UMS Pile Progress Station Box Area

Tangent Piles (B Type) 184 of 198 Completed - - increase of 23 over last month



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.

Three Month Look Ahead

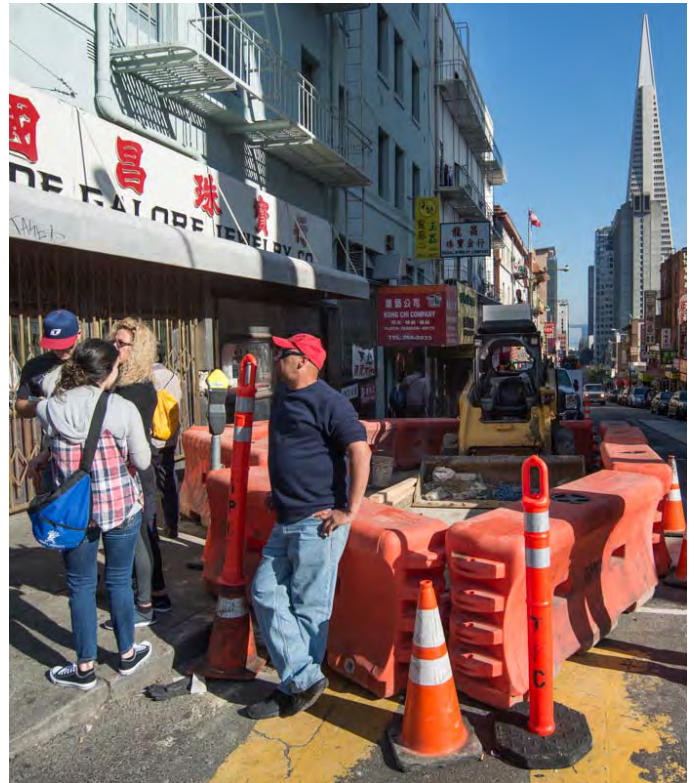
- Excavate, form and pour Surface Level Slab
- Excavate to El 70, install compensation grout tubes, pre grout
- Slip line brick sewer on Stockton Street.
- Drill dewatering wells on Stockton Street.
- Install inclinometer on Stockton Street.

Current Work Status

- Completed installation of dewatering wells inside headhouse
- Completed installation of inclinometers in the headhouse
- Demolished slurrywall guide walls
- Completed installation of hydrant on Washington Street.

Work Expected Next Month

- Install Dewatering wells on Stockton Street.
- Slipline brick sewer on Stockton Street.
- Pour for surface level slab and beams.



Pedestrians wait to cross at Stockton and Washington where a high-pressure water line is being built.

Chinatown Station Construction Contract - 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:	\$155,956
Current Contract Value:	\$247,723,766

Budget/Expenditures	
Current Budget	\$252,567,810
Expenditures to Date	\$51,470,704

CTS Three Month Schedule

Activity ID	Activity Name	2015			
		Jan	Feb	Mar	Apr
CENTRAL SUBWAY PROJECT					
Construction Phase					
Construction CN-1300					
Construction CTS Station P-1254R					
CTS1040	CTS Excavate Headhouse & Bracing	[Gantt bar spanning Jan, Feb, Mar]			
MPS-CTS.03.30.094	Install Falsework/Soffit - Surface Level Deck	[Gantt bar in Jan]			
MPS-CTS.03.30.090	Form/Rebar/Pour Surface Level Deck	[Gantt bar in Feb]			
CTS.03.30.090	Install Falsework/Soffit - Surface Level Deck	[Gantt bar in Feb]			
MPS-CTS.31.20.080	Excavate For Surface Level Deck	[Gantt bar in Feb]			
CTS.03.30.092	Form/Rebar Surface Level Deck - Pour #1	[Gantt bar in Feb]			
CTS.03.30.340	CTS_SU Exterior - Form/Rebar/Pour Concrete for Maintenance Hatch below Washington Street	[Gantt bar in Feb]			
CTS.03.30.093	Form/Rebar Surface Level Deck - Pour #2	[Gantt bar in Feb]			
CTS.03.30.096	Place Concrete Surface Level Deck - Pour #1	[Gantt bar in Feb]			
CTS.03.30.100	Cure & Strip Falsework for Surface Level Deck - Pour #1	[Gantt bar in Feb]			
CTS.03.30.094	Form/Rebar Surface Level Deck - Pour #3	[Gantt bar in Feb]			
CTS.03.30.098	Place Concrete Surface Level Deck - Pour #2	[Gantt bar in Feb]			
CTS.03.30.101	Cure & Strip Falsework for Surface Level Deck - Pour #2	[Gantt bar in Feb]			
CTS.03.30.099	Place Concrete Surface Level Deck - Pour #3	[Gantt bar in Feb]			
CTS.03.30.102	Cure & Strip Falsework for Surface Level Deck - Pour #3	[Gantt bar in Feb]			
CTS.33.31.300	CTS_Backfill & Complete Permanent Sewer Work In Washington St.	[Gantt bar in Feb]			
CTS.31.23.240	Complete Backfill Deck @ Washington Street	[Gantt bar in Feb]			
CTS.33.31.280	Install Sewer System Slip Lining - Washington/Stockton	[Gantt bar in Feb]			
CTS1050	CTS SEM & Install Supports	[Gantt bar in Feb]			

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.

Three Month Look Ahead

- Complete west side roof slab construction
- Perform Archaeological Monitoring/ Data Recovery
- Begin excavation in head house area; remove Class I contaminated soil (top ~6' containing lead)
- Begin utility installation above roof
- Restore west side roadway section on 4th Street.

Current Status

- Installation of slurry walls completed, 95 of 95 total.
- West side roof slab construction begun; the west side roof is to be constructed in three segments, each 113' long. Segment 1 (from north headwall to just north of Clementina), excavation completed, mud slab placed. Rebar installation pending and excavation in Segments 2 and 3 pending.



The last section of slurry wall can be seen being excavated at the Yerba Buena/Moscone Station site.

Work Expected Next Month

- Demolition of 4th Street roadway, west side, utility removal in roof slab segments 2 and 3; excavation for roof slab, down to 10' below street level.
- Archaeological Monitoring/Data Recovery in vicinity of 4th Street at Clementina Street.

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	\$56,442,563

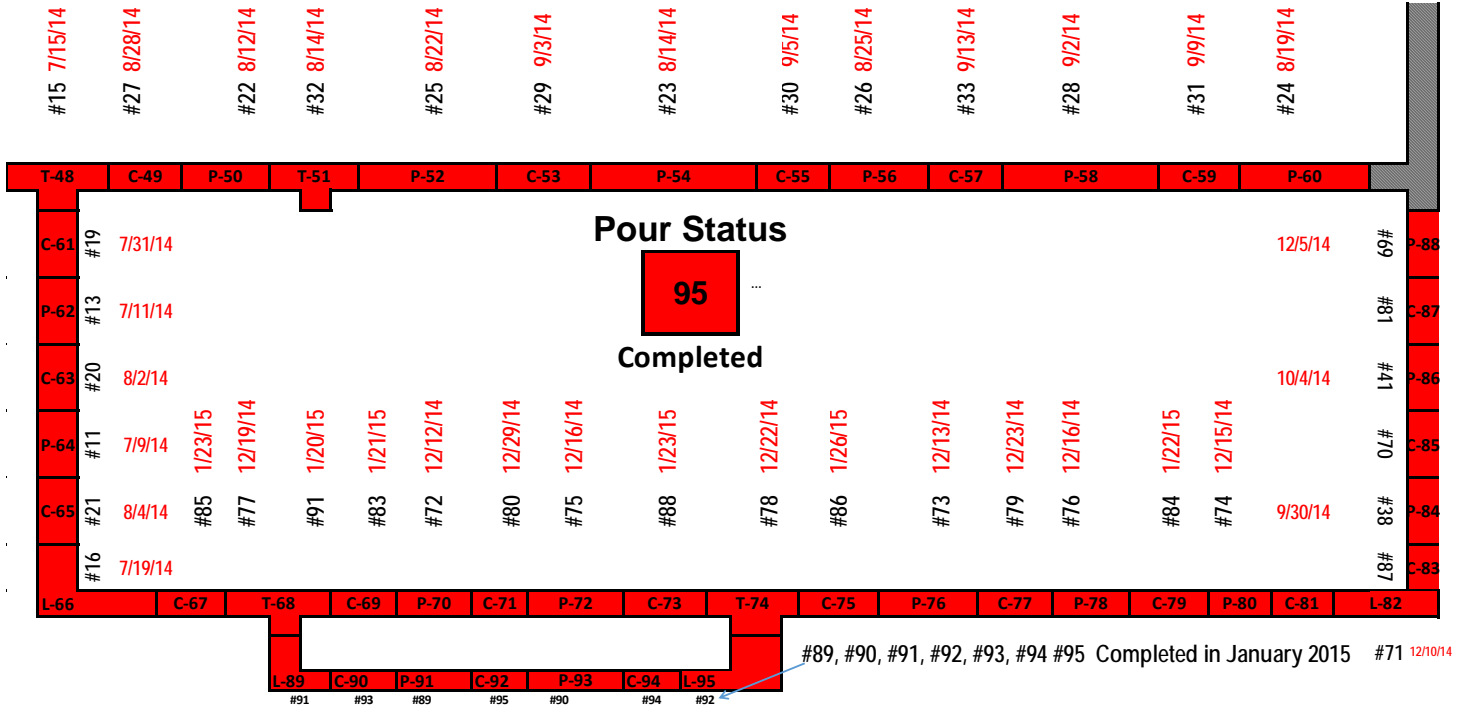
YBM Three Month Schedule

Activity ID	Activity Name	2015			
		Jan	Feb	Mar	Apr
CENTRAL SUBWAY PROJECT					
Construction Phase					
Construction CN-1300					
Construction YBM Station P-1255					
MPS-YBM.03.30.840	Pour Roof Section #1				
MPS-YBM.03.30.820	Form Roof Section #1				
YBM.03.30.1610	Form/Rebar Pour West Half Roof Slab Pour 3				
YBM.07.14.710	Waterproofing/ Test @ West Half Roof Slab				
MPS-YBM.03.30.830	Install Rebar/Roof Drains/Blockouts - Roof Section #1				
YBM.03.30.1620	Form/Rebar Pour West Half Roof Slab Pour 4				
YBM.33.11.730	Epoxy Dowel for AWSS support work- West Half Roof Slab				
YBM.03.30.1630	Form/Rebar Pour West Half Roof Slab Pour 5				
YBM.03.30.1640	Form/Rebar Pour West Half Roof Slab Pour 6				
YBM.03.30.720	2" Protective Concrete Pour/ Cure West Half Roof Slab				
YBM.03.30.850	FRP OCS Pole Foundations (4 locations)- West Half Roof Slab				
YBM.33.11.740	FRP Concrete Support for AWSS work- West Half Roof Slab				
YBM.31.50.109	Shore Existing Tunnels				
YBM.33.11.750	Auxiliary Water Supply system (AWSS) work/ Test- West Half Roof Slab				

Yerba Buena Moscone Station Construction - Continued

YBM Diaphragm Panel Progress

95 of 95 panels completed - with the final five installed over the last month



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.

Three Month Look Ahead

- AT&T Ductbank installation
- Sewer installation
- Streetlight conduit installation
- Waterline installation
- AWSS installation
- Muni ductbank installation
- Cast-In-Place Drilled Piles

Current Status

- Continue AT&T ductbank installation
- Contractor completing 100% design of Design-Build 78" sewer
- Contractor progressing 100% design of 48" sewer and 36" sewer force main
- Started cast-in-place drilled piles for 4th/Brannan Station.

Work Expected Next Month

- Complete AT&T ductbank installation on 4th between Bryant and Bluxome
- Install sewer, waterline and Muni ductbank
- Complete Drill Piles for 4th/Brannan Station
- Start rehabilitation of 78" sewer



Utilities are being relocated and upgraded ahead of foundation work and surface track construction.

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:	\$0
Current Contract Value:	\$139,989,000

Budget/Expenditures	
Current Budget	\$144,989,000
Expenditures to Date	\$17,734,644

Systems, Track and Surface Station Three Month Schedule

Activity ID	Activity Name	2015			
		Jan	Feb	Mar	Apr
CENTRAL SUBWAY PROJECT					
Construction Phase					
Construction CN-1300					
Construction STS P-1256					
MPS-BID-581	Stage 2 Install New 48" Gravity Sewer Main & Laterals				
MPS-BID-568	Implement Traffic & Pedestrian Control Plans				
MPS-BID-579	De-Activate Existing AT&T Duct				
MPS-BID-570	Pothole For Existing Utilities/Design Verification				
STS.01.76.380	Conduct Preconstruction Water Main Condition Inspections				
MPS-BID-621	AT&T Utility Work - Install Manhole & Duct Bank along Bluxome				
MPS-BID-631	Install MRY Duct Bank 4th/Brannan				
MPS-BID-601	Install 12/18" VCP Sewer				
MPS-BID-611	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.01.64.110	STS_Receive:Owner Furnished Temp Crossover Tracks for 3rd/Klng				
STS 33 11 20 d1	STS_Perform: Utilities: Auxiliary Water Supply Perform Potholing At 10 Foot Intervals				

4th Street Surface Station Platform Pile Progress

4 of 45 piles completed



Program Components

Community Outreach

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

- BART Retirees January 21, 2015
- SilverCrest January 21, 2015
- Chinatown community meeting January 21, 2015
 - A Project construction update was given to residents at the Silvercrest housing and senior care facility at 133 Shipley Street off of 4th Street. Over 50 residents attended.
 - Met with stakeholders in Chinatown to discuss construction related concerns and issues.
 - Informed stakeholder around Union Square area that construction will resume Jan. 5. Meetings with merchants will also resume.

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.

Media Coverage

Central Subway Media Coverage		
Title (with link to story)	Source	Reporter/Writer
In San Francisco, everything's an uphill battle	SFGATE	C.W. Nevius
Jamestown Commits to Creative Work Space Property in San Francisco	Commercial Property Executive	Keith Loria
Stockton Street "Winter Walk" Plaza to Return Next Holiday Season	Streetsblog SF	Aaron Bialick

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

1. UMS Pile Subcontractor, continuing battered piles – BECHO
2. UMS roof beam to pile WF installation – TPC (no activity during this month)
3. UMS Water Proofing Subcontractor – Waterproofing Experts (no activity during this month)
4. UMS Jet Grout Subcontractor, continuation of Jet Grout qualification testing only for this month - Layne
5. CTS Slurry Wall Panels Subcontractor, all panel excavation and concrete placement complete – Layne
6. YBM Slurry Wall Panels Subcontractor, all panel excavation and concrete placement complete - Layne
7. Daily Inspection Reports
8. Smith Emery - TPC's laboratory and Inspection Services – including Special Inspections)
9. 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 greatly facilitates all work being done to the strict requirements of the Contract Documents) consumes approximately 50 percent of PQM's schedule.
10. Bi-Weekly and ad hoc Quality Task Force Meetings are attended primarily to assist and support the Contractor's QC effort
11. Weekly Instrumentation/Monitoring and Construction Management Task Force (CMTF) Meeting
12. Progress Meetings for C1300, STS, YBM, UMS and CTS.



A 47 bus approaches the future 4th and Brannan surface station location, where foundation pile construction is underway.

Quality Assurance - Continued

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 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 i) make the descriptions, status more accurate and concise and, ii) to add a comments section to the CNCR log.

QA Issues:

- TPC's Quality Documentation relating to slurry wall and tangent/secant piles installation continues to be provided beyond the required Contract timeframe to the Resident Engineers.
- TPC QC continues to work closely with TPC's Subcontractors to obtain complete QC documentation in a timely manner to minimize the overall turnaround time. QA issues related to the Subcontractors are:
 1. TPC QC obtaining complete and accurate QC documentation
 2. The quality of TPC QC's review of the QC documentation
 3. The turnaround time of TPC's QC review is slower than desired.
- The goal is to obtain complete and accurate documentation as quickly as possible but in a time realistic. TPC QC continues to make available to RE's Staff at the 530 Bush Offices, hard copies of QC Documentation provided by Layne or BECHO, that may require minor corrections, attesting to the fact that work has been performed as required; with the complete QC Documentation packages ("pour packs") to be transmitted to the REs, as soon as the required corrections are made and provided to TPC QC.
- The quality and timeliness of Documentation associated with each CMC (TPC's rebar fabrication Sub Contractor) furnished rebar cage continues to improve due to both the RE and TPC QC's reviews. Hold Points established by TPC QC and RE's remain in place to assure that the installation of each cage is not performed until the required documentation is determined to be as required.

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.
- TPC's Project Manager, Project Engineer's and Field Supervision's support of the implementation of TPC's Quality Control Program.
- Excavation of Slurry Wall Panels and Battered Piles proximately to the in-situ Precast Tunnel Liners as monitored per the established protocols – this will be a concern until the Work is completed. No incident to date has been reported.

Quality Assurance - Continued

- The implementation of the approved waterproofing, waterstop and construction joint details for the pile caps for the UMS Station Roof.
- Test Column results and subsequent performance of UMS Jet Grouting
- TPC's honoring of RE Hold Points

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 of the CP 5 localized failure and associated relocation and/or repair of CP 5.
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:

Documentation associated with the repair of non-conforming conditions associated with installation of tunnel segments in which the removal of the segment is not practical.

- Contractor CNCRs associated with the installation of tunnel liner segments are being evaluated/ revised to facilitate proper processing, Engineer's review and subsequent closing.
- Working with BIH JV to complete the index of QA documentation that is required to be completed for close out of contract.

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.

Quality Assurance - Continued

- 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. 66 was held on January 13, 2015. The Risk Assessment Committee reviewed and discussed Risks that include Construction Risks with ratings above 6; Remaining Requirement and Design Risks; and, any New Risk Assessment and Mitigations identified to date.

Program Safety & Security

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

Safety Summary for Stations Systems Track Construction

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

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.*



Community ambassadors are in place at the intersection of Washington and Stockton to help aid pedestrians and avoid accidents across this busy intersection.

Program Safety & Security - continued

Table 1300 STS Construction Safety Record

SAFETY GOALS

Through Month End - **January 31, 2015**

<p>OSHA Recordable Accidents, <3.4 Lost Time Cases, <1.6</p>

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	153,815	274,795	428,610	

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	18,044	18,578	36,622	

++ An injury is recordable by OSHA or the US Department of Labor if it results in days away from work, restricted work or transfer to another job, medical treatment beyond first aid, loss of consciousness or death.

* 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

Table 1252 Tunnel & Portal Construction Safety Record

SAFETY GOALS

Through Month End - **January 31, 2015**

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

JOB TO DATE	BIH	Subs	Total Project	Rate*
OSHA Recordable Accidents	6	4	10	2.46
Job Transfer or Restricted Duty Cases	7	0	7	1.72
Lost Time Cases	0	1	1	0.25
Total Project Incidents	13	5	18	4.43
Man Hours Worked Through M/E	479,849	331,926	811,775	

YEAR TO DATE	BIH	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	8,193	5,035	13,228	

** An injury is recordable by OSHA or the US Department of Labor if it results in days away from work, restricted work or transfer to another job, medical treatment beyond first aid, loss of consciousness or death.

* 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

The candidate selected for the Cost Control Analyst position reports to work in mid March. The Project currently has no open positions.

Staffing

The Central Subway Staffing Table shows Planned and Actual full-time equivalent staff (FTEs) working on the Program by organizational function and responsibility.¹

Central Subway Staffing Table Locations	Nov-2014		Dec-2014		Jan-2015	
	Planned	Actual	Planned	Actual	Planned	Actual
Project Management						
Program Management	7.00	7.43	7.00	7.43	7.00	7.43
Quality Assurance	2.25	2.60	2.25	2.60	2.25	2.60
Contract Administration	1.40	1.40	1.40	1.40	1.40	1.40
Community Outreach	5.50	5.50	5.50	5.50	5.50	5.50
Finance	1.90	1.90	1.90	1.90	1.90	1.90
Project Controls	6.60	5.23	6.60	5.23	6.60	5.23
Subtotal	24.65	24.06	24.65	24.06	24.65	24.06
Construction Management						
CM - CN 1252	7.23	8.85	7.23	8.85	7.23	8.85
CM - CN 1300	26.98	26.40	26.98	26.40	26.98	26.40
Design Support - CN 1252	1.19	0.70	1.19	0.50	0.50	0.40
Design Support - CN 1300	14.18	5.90	14.18	5.20	6.43	6.00
Subtotal	49.57	41.85	49.57	40.95	41.13	41.65
Start Up						
Start Up / Safety & Security	2.00	2.10	2.00	2.10	2.00	2.10
Subtotal	2.00	2.10	2.00	2.10	2.00	2.10
Total	76.21	68.01	76.21	67.11	67.77	67.81

¹ The Planned FTE count is based on the Project Updated Staffing Plan Rev. 8.

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 decision is under review by the City Attorney's Office.

LRV Procurement

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

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

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



Construction of the tunnel portal continues in phases. The floor slab is being constructed in sections while rebar goes into place for future interior walls.

central **T** subway

Current Construction Activity

Retrieval Shaft



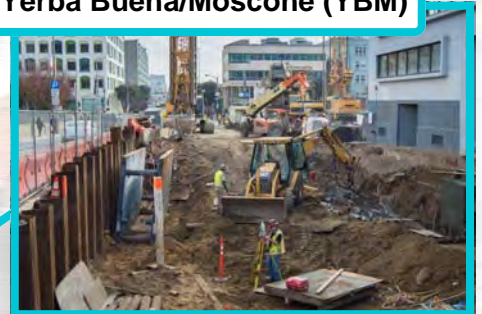
Chinatown (CTS)



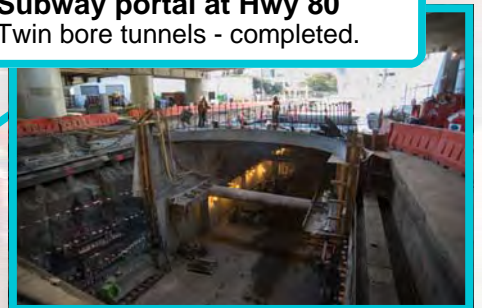
Union Square/Market Street (UMS)



Yerba Buena/Moscone (YBM)



Subway portal at Hwy 80
Twin bore tunnels - completed.



4th St. Surface Track, Systems (STS)



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



Retrieval Shaft



The TBM retrieval shaft has been decked over.



A cutting torch waits to be packed up at the former TBM retrieval shaft site. The site will soon be completely demobilized, and all equipment will be removed.

CTS



With underground wall construction complete, site demobilization is underway.



Workers have been accessing the basement of a building at the corner of Washington and Stockton to install the necessary plumbing for a high-pressure fire hydrant nearby.

CTS - continued



All slurry wall support equipment has now been removed at the Chinatown Station site, and work will begin to transition to station excavation.



This skytrak driver moves equipment around the site to aid in the demobilization of slurry wall operations.



With the end of the holiday season also came the end of the 2014 Winter Walk. The green turf has been removed, and the contractor has re-erected safety barriers.



This safety barrier protects passing pedestrians from construction activity.

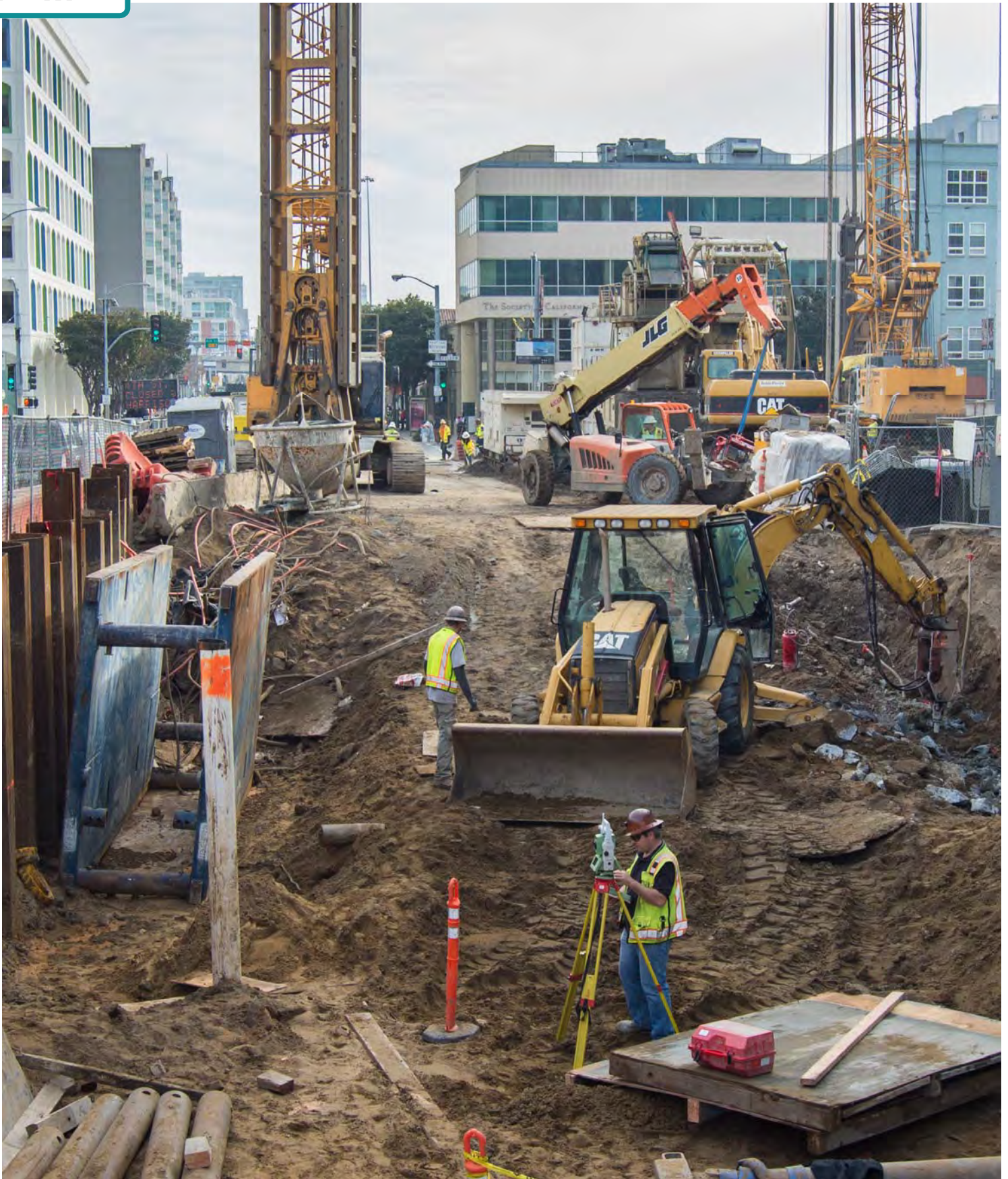
UMS - continued



At the intersection of Ellis and Stockton, work to excavate soil and remove the former ground improvement shaft used during tunneling operations is underway.



Underground wall piles are being installed on Stockton north of Geary.



Work to excavate the station site and expose the tops of constructed slurry walls has begun north of Clementina on the east side of 4th Street.

YBM - continued



This device, called a hydromill, excavates vertical wall sections which, joined together, will comprise the future station's structural walls.

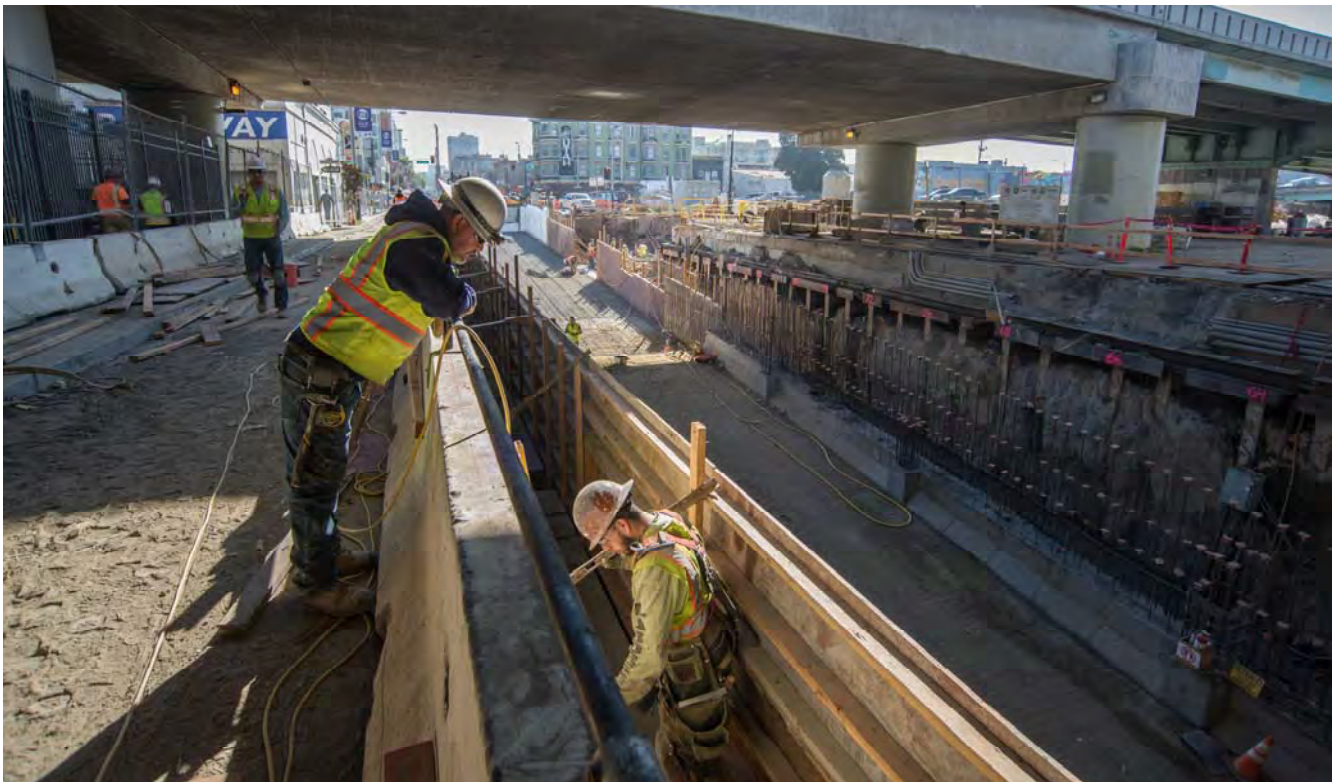


The tops of completed underground wall sections can be seen here on the east side of 4th Street. They are being exposed to attach them to the future roof slab.

Tunnel



The partially-completed tunnel portal begins to take shape, with the roof opening up to a “C” shape under the I-80 overpass.

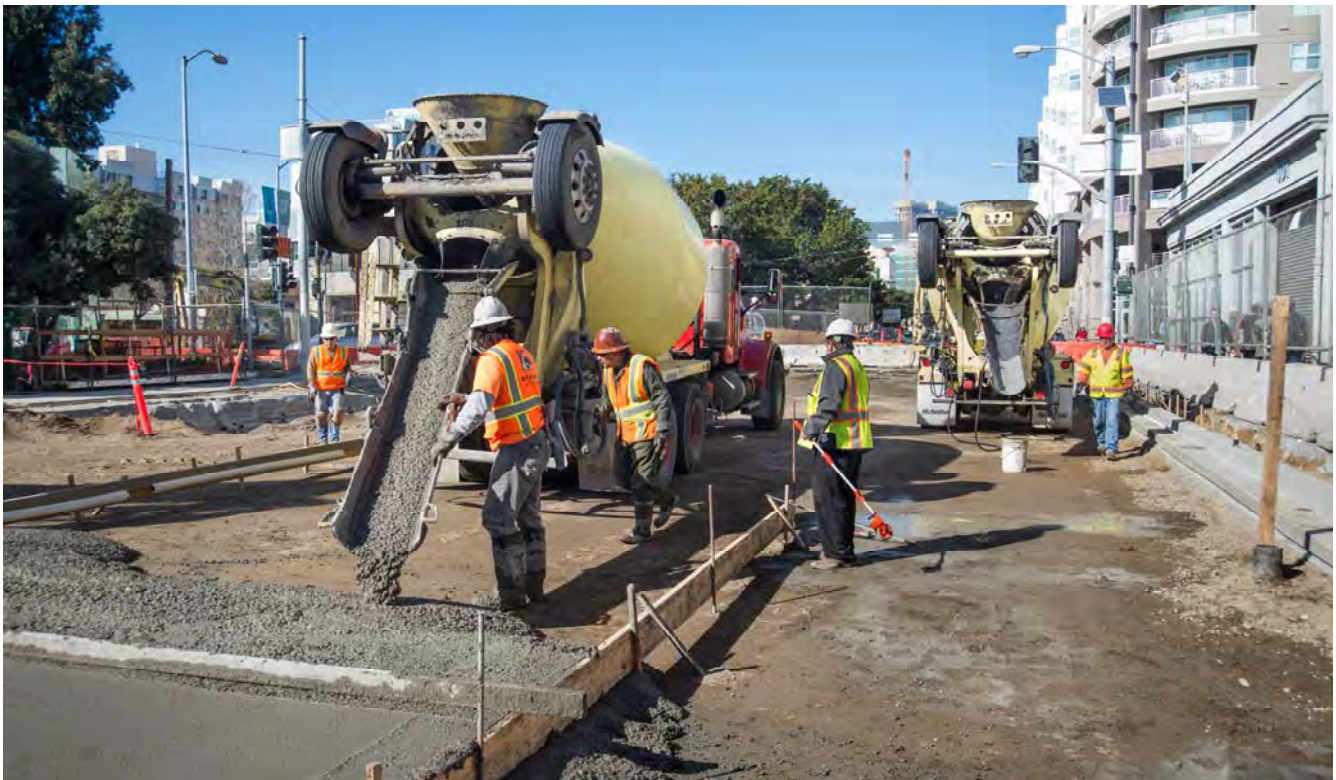


A worker inspects shoring while another looks on, under the I-80 freeway overpass, where construction of the future tunnel portal is making great strides.

Tunnel



Temporary shoring walls are being poured at the end of the future tunnel portal ramp. These walls will hold back the soil while the structural ramp elements are constructed.



On the northern end of the tunnel portal site, the roof slab has been backfilled to allow for a portion of the street to be restored for Golden Gate Transit bus access.

STS

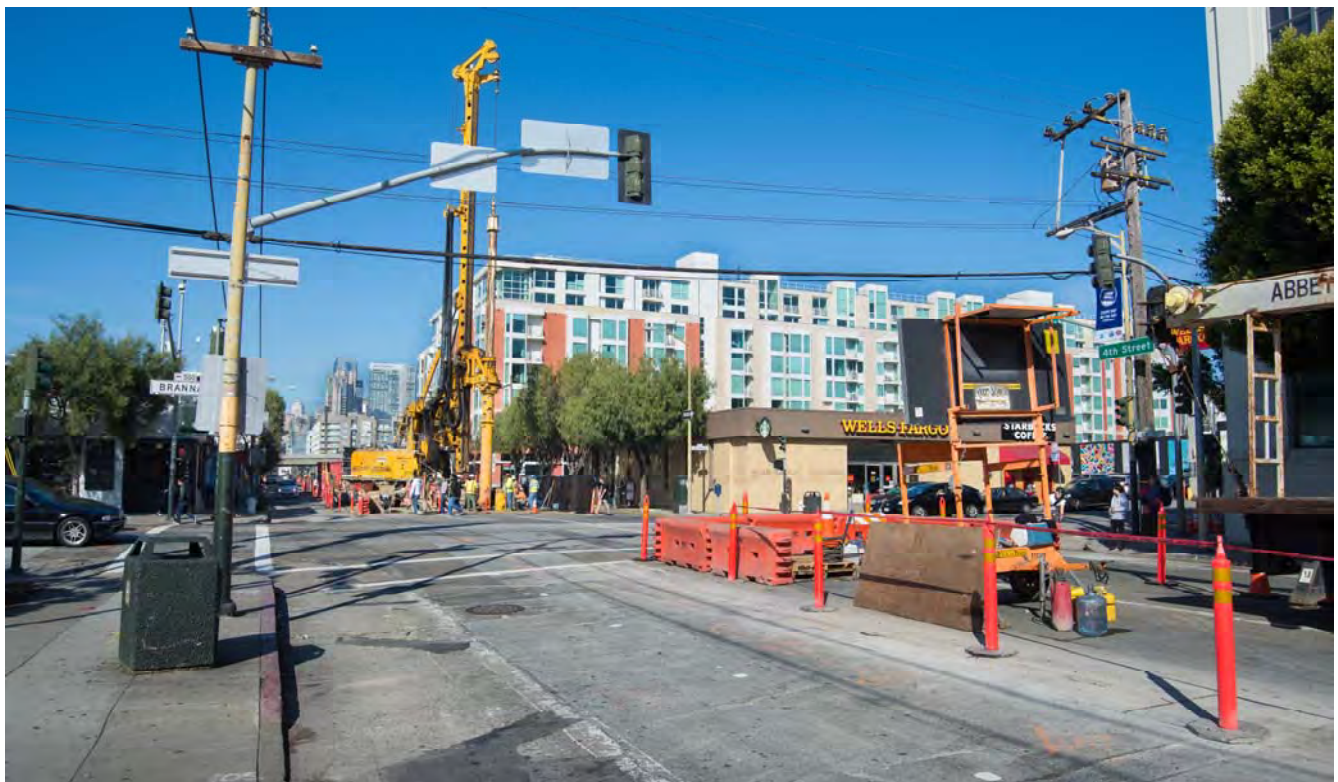


This machine, called a rotary drill rig, will aid in construction of the foundation of the future 4th and Brannan surface station.

STS - continued



Utility work on 4th near Bluxome, south of Brannan, is ongoing.



The rotary drill rig cores out earth and leaves rebar and poured concrete in its place, constructing foundation piles for the future surface station platform.

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 \$747.65 million, an \$17.91 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$708.56 million) plus the utilities joint trench Form B Reimbursement payment (\$10.03 million), invoices currently being processed (\$10.84 million) and estimates of outstanding pay requests (\$18.23 million). This incurred amount equals 47.37% 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
CS155.2	54	8/31/2014	\$ 185,172.00
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	\$ 149,598.00

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.3	53	8/31/2014	\$ 30,883.00
CS155.3	54	9/30/2014	\$ 53,859.66
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
Contract 1252	34	11/30/2014	\$ 96,804.45
Contract 1252	35	12/31/2014	\$ 1,513,709.14
Contract 1252*	36	1/31/2015	\$ 1,306,368.50
Contract 1300	12	12/31/2014	\$ 6,626,509.00
Contract 1300*	13	1/31/2015	\$ 14,815,877.11
CS149	69	10/31/2014	\$ 778,462.22
CS149	70	11/30/2014	\$ 568,375.99
CS149*	71	12/31/2014	\$ 650,000.00
CS149*	72	1/31/2015	\$ 650,000.00
CS156.1*	47	12/31/2014	\$ 87,170.21
CS156.1*	48	1/31/2015	\$ 85,000.00
other accruals*		1/31/2015	\$ 424,817.57

* Estimated Amount \$ 29,066,275.52

2. CONTINGENCY ALLOCATIONS AND USAGE

The current Total Project Contingency is **\$81.22 million**, which is a \$58.78 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 and 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)		
TOTAL	(12,227,954)	10,030,200	

5. EARNED VALUE (EV) ANALYSIS

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

January Earned Value

Overall Budgeted Cost:	\$ 1,578,300,000
Planned Value:	782,482,768
Earned Value:	736,801,206
Actual Cost:	747,652,215
Schedule Performance Index (SPI):	0.94
Cost Performance Index (CPI):	0.99
Percent Complete:	46.6%

Over all, the program is 46.5% complete, on schedule (with an SPI of 0.94) and on budget (CPI 0.99). 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))
Prelim. Engineering	Expenditure Plan Level of Effort (LOE)	Equals to Planned Value (LOE)	Time Keeping; Vendor Accruals and Invoices
Final Design	Expenditure Plan Level of Effort (LOE)	Equals to Planned Value (LOE)	Time Keeping; Vendor Accruals and Invoices
Procurement	Planned Delivery Date	Actual Delivery Date	Time Keeping; Vendor Accruals and Invoices
Real Estate	Expenditure Plan Level of Effort (LOE)	Equals to Planned Value (LOE)	Time Keeping; Vendor/ Material Accruals and Invoices
Construction	Schedule of Work	% Complete* x Budget at Completion (BAC)	Vendor Accruals and Invoices
Sub-Total	Performance Measurement Baseline (PMB)	Total Earned Value	Total Actual Cost
Below the Line	+ Contingency		
Total	Approved Budget		

6. FUNDING SUMMARY

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

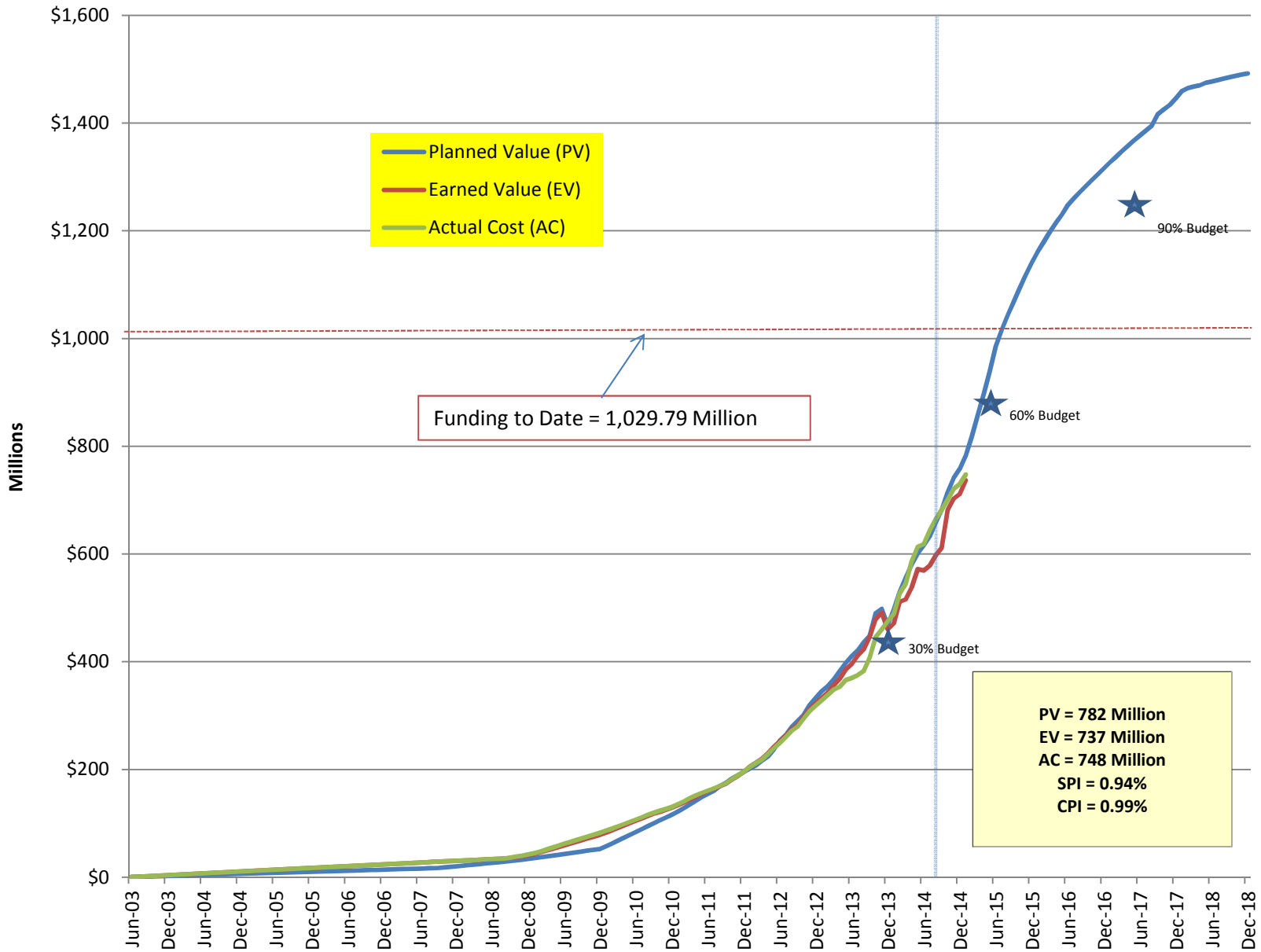
Funding Available Table		
	Funding	
	Committed Funding Sources	Total Awarded Funds to Date
Federal		
Sect. 5309-NS	\$942,200	\$469,196
CMAQ	\$41,025	\$41,025
Federal Subtotal	\$983,225	\$510,221
State		
TCRP	\$14,000	\$14,000
State RIP	\$88,000	\$12,498
Prop. 1B (I-Bond) PTIMSE	\$307,792	\$307,792
Prop.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

7. LIST OF COST REPORTS

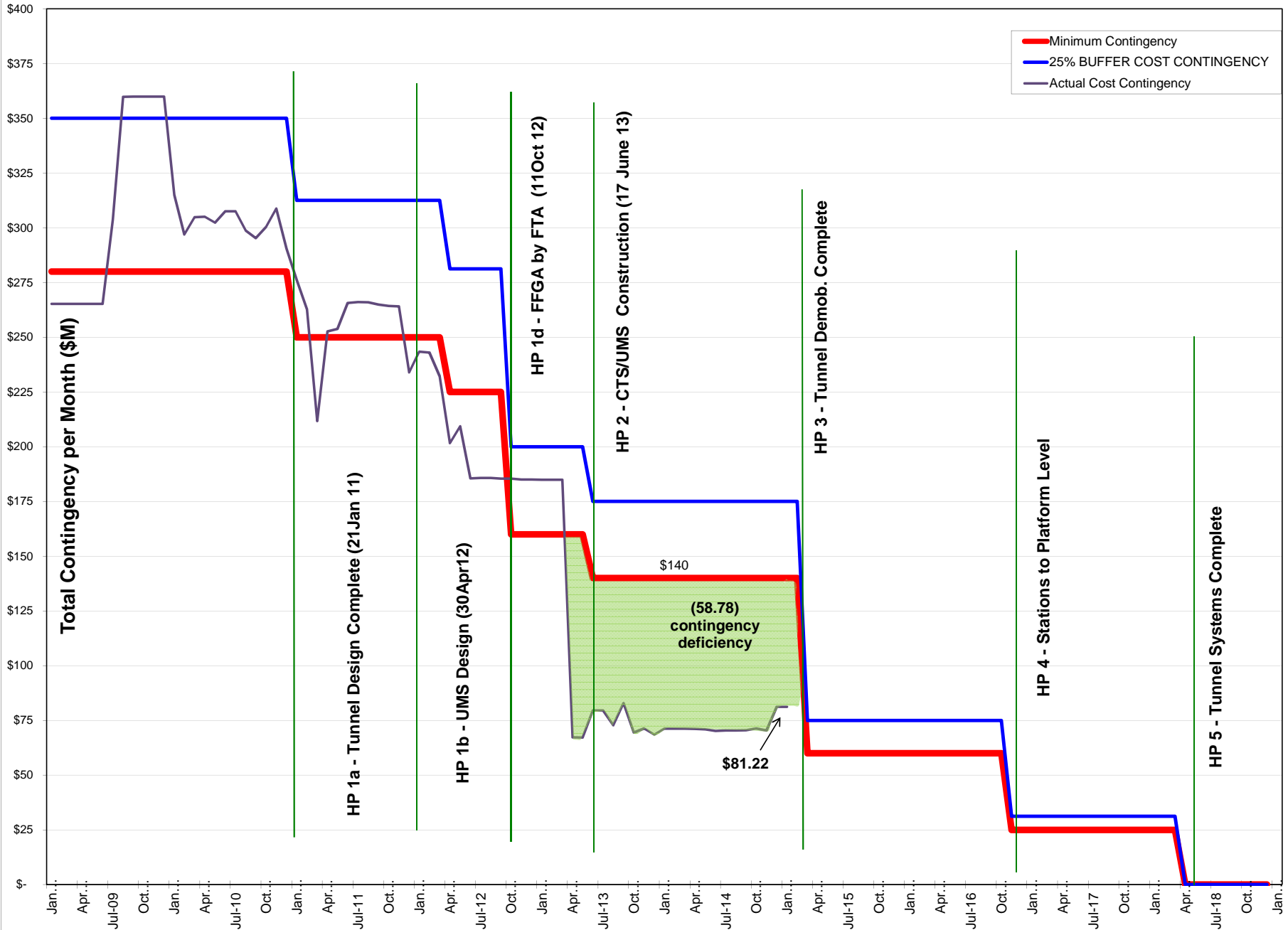
- 7.1 Program Project Budget
- 7.2 Earned Value Cash Flow
- 7.3 Contingency Drawdown Curve
- 7.4 Summary Contingency Management Trend Report
- 7.5 Detail Contingency Usage Report
- 7.6 Budget Revisions: Report sorted by Construction Packages & Soft Costs
- 7.7 Project Budget & Expenditure Report: Sorted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

A. Central Subway Project							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	
Total:		\$1,578,300,000					
B. Related SFMTA Capital Improvement Projects							
Project	Name	Amount	PM	Funding Source	Reporting		
2	CPT690 TBM Retrieval Shaft Relocation	\$9,700,000	Funghi/Magary	MTA Operating Funds	no	2	
3	CPT718 Chinatown Metro Plaza	\$6,980,000	J. Funghi	Transbay Redevelopment	no	3	
4	CPT665 Central Subway Project - Goodwill	\$2,367,750	K. Magary	I-Bond Interest	no	4	
5	CPT705 MOH - Broadway/Sansome	\$8,000,000	K. Magary	MTA Operating Funds	no	5	
Total:		\$27,047,750					
C. Central Subway Project - Project Offset Credits							
	From	Amount	Index	Notes	Reporting		
1	2009-2016 Utility Co. - Form B Reimbursement	\$12,227,954	--	Construction contracts	yes	6	
2	2017-2019 PG&E - Power Feed Reimbursement	\$7,624,540	--	Not yet bill PG&E	yes	7	
3	6/26/2013 BART Elevator	\$90,000	68CPT544135B	Not yet rec'd BART Funds	yes	8	
4	11/6/2013 Tutor Perini - CAD Files	\$2,500	68CPT5441236	Deposit to Design Index	yes	9	
5	1/27/2014 SFPUC - Sewer Main	\$2,925,296	68W251	Certified in Contract 1300	yes	10	
6	9/27/2014 SFPUC - 24" Water Main	\$328,857	68CPT544135A	Contract 1252 CMod #41	yes	11	
7	8/27/2014 SFMTA Traffic Effectiveness Project funded	\$694,651	--	Contract 1252 CMod #40	yes	12	
Total:		\$23,893,798					

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	[h - b]	[a + h]	[j - e]		
SCC 10-50 CONSTRUCTION CONTRACT PACKAGES													
1250	UTILITY RELOCATION PACKAGE #1	9,273,939	2,694,211	11,968,150		11,968,150	1,953,377	740,834	2,694,211		11,968,150	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	1,326,807	234,910,822	207,342	235,118,164	23,658,464	(6,173,511)	17,484,953	16,158,145	251,068,968	15,950,803	15
1300	STATIONS	839,676,400	(1,587,913)	838,088,487	6,304,266	844,392,753	20,000,000		20,000,000	21,587,913	859,676,400	15,283,647	16
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	90,000	294,120,590	2,251,170	296,371,760	5,000,000		5,000,000	4,910,000	299,030,590	2,658,830	
	1254 CHINA TOWN STATION [CTS]	247,567,810	155,956	247,723,766	417,127	248,140,893	5,000,000		5,000,000	4,844,044	252,567,810	4,426,917	
	1255 YERBA BUENA/ MOSCONE STATION [YBM]	158,089,000	(1,833,869)	156,255,131	773,880	157,029,011	5,000,000		5,000,000	6,833,869	163,089,000	6,059,989	
	1256 SURFACE TRACKWORK & SYSTEMS [STS]	139,989,000		139,989,000	2,862,088	142,851,088	5,000,000		5,000,000	5,000,000	144,989,000	2,137,912	
OTHER		30,647,686		30,647,686		30,647,686	1,160,000		1,160,000	1,160,000	31,807,686	1,160,000	
SCC 10 - 50 Construction Sub-total		1,130,256,961	6,395,137	1,136,652,098	6,511,608	1,143,163,706	44,818,464	(6,173,511)	38,644,953	38,906,058	1,175,558,156	32,394,451	
SCC 60 - 80 SOFT COSTS PACKAGES													
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
TOTAL		1,501,395,513	6,395,137	1,496,990,938	6,511,608	1,503,502,546	70,162,429	10,799,712	80,962,141	81,223,246	1,578,214,184	74,711,639	
											Total Project Budget	1,578,300,000	19
											Estimate At Completion	1,503,502,546	20
											Variance	74,711,639	21
Note #15 - Adjusted Contract 1252 Guideway Tunnel contingency "column g" to reflect construction contract modifications #20, #40 and #41 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 \$234,910,822.23
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
27	MOS - Reroute traffic signal lines / Equipment Standby	CORs 11, 17	\$80,719.00	\$232,546,253.23

Contract Modification/Trend Log - Contract 1252 Tunnel

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

Revised NTE Amount \$234,910,822.23
Revised Substantial Completion 4/15/2015

Contract Modifications			Amount	
No.	Description	COR/PCC No.	CMod	Contract NTE
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
Sub Total:			\$1,326,807.23	

Pending Contract Modifications		COR/PCC No.	Estimated	
	Description		Amount	Time
47	Contract Milestone Changes	NA	\$0.00	0
48	CDF Encasement on 42" RCP	COR 005	\$95,000.00	0
A	North Beach Sewer Work	Cmod # TBD	\$0.00	0
B	North Beach OCS Pole Foundations, Street Lighting	Cmod # TBD	TBD	0
C	North Beach Waterline DSC & Offset Returns	Cmod # TBD	\$112,102.20	0

Contract Modification/Trend Log - Contract 1252 Tunnel

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

Revised NTE Amount \$234,910,822.23
Revised Substantial Completion 4/15/2015

Contract Modifications			Amount	
No.	Description	COR/PCC No.	CMod	Contract NTE
I	Other Pending Contract Modifications	Cmod # TBD	\$239.80	
Sub Total:			\$207,342.00	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	\$839,676,400	\$838,088,487
Substantial Completion	2/10/2018	2/10/2018

	UMS	CTS	YBM	STS	COST REPORT NOTES
Potential Changes	\$2,251,170	\$417,127	\$773,880	\$2,862,088	22
Forecasted - Trends	\$1,524,588	\$210,061	\$652,000	\$335,000	
Negotiation					
DEL of duct bank on Stockton to Sac Modification to UMS Roof Composite	\$14,336	(\$84,018)			
PCC #10 230KV Casing at Bryant/4th				\$795,661	
Additional AT&T Manhole, Pullboxes, STS Traffic Signal and SL Changes				\$625,208	
PCC 16 STS-PG&E 6" Gas Alignment				\$293,654	
STS Comm and Elec Cabinets Relocati				\$72,010	
CTS-Plaza Surface Level Struct Mods		\$15,701		\$48,794	
YBM COR 15 AWSS hydrant lateral			\$41,079		
STS - OCS Pole Changes				\$11,222	
STS-PCC9 TP Cable & Conduit Downsiz				\$429,022	
YBM COR 18R1 AWSS conflict with PG&E			\$16,012		
Proposed Contract Change (PCC)					
UMS - Geoprobe Credit	(\$30,320)				
CTS - AWSS/PGE Relocation Schedule		\$68,550			
UMS - Relocation of TS Cabinet	\$22,808				
CTS - Plaza Construction Estimating		\$75,000			
STS - AT&T Changes				\$20,000	
STS - Tunnel Lowering				\$100,000	
CTS - PGE Scope Change at Exit Hatch		\$1,171			
CTS - FH at Jade Galore		\$40,000			
STS - Additional AT&T DB at 4th				\$73,418	
YBM - Delete Post-Grout of TB-2			(\$10,000)		
Change Order Request (COR)					
CTS - Utility Conflict at WD Tie-In		\$15,662			
UMS - G50 Steel in Lieu of A913 G70	\$626,780				
STS-COR #9 Re Haz Debris 78" Sewer				\$38,100	
UMS - Fire Hydrant at O'Farrell	\$92,978				
STS COR 17 Changes to Sewer Structu				\$20,000	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	\$839,676,400 2/10/2018	\$838,088,487 2/10/2018
YBM NDSC WM conflict with AWSS work		\$14,260
YBM COR 20 (E) conflicts with AWSS		\$20,883
YBM COR 23 (E) sewer conflict AWSS		\$7,755
YBM COR 24 (E) gas In conflict AWSS		\$31,892
Change Order - Pending		
CTS Plaza Construction Support Servi	\$75,000	

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

Report Period: Jan 2015

Group by Contract & SCC	CATEGORY ITEM	Dec 2014			Jan 2015			BUDGET TRANSFERS [Jan 2015] vs. [Dec 2014]	Cost Report Notes
		Dec 2014 Base	Dec 2014 Allocated Contingency	Dec 2014 Base + Allocated Contingency (YOE)	Jan 2015 Base	Jan 2015 Allocated Contingency	Jan 2015 Base + Allocated Contingency (YOE)		
10-50	CONSTRUCTION CONTRACT PACKAGES	1,136,737,913	38,906,058	1,175,643,971	1,136,737,913	38,906,058	1,175,643,971	0	
1250	UTILITY RELOCATION PACKAGE #1	12,134,906		12,134,906	12,134,906		12,134,906	0	
	Contract 1250 Form B Credit	(2,275,419)		(2,275,419)	(2,275,419)		(2,275,419)	0	
1251	UTILITY RELOCATION PACKAGE #2	20,870,197		20,870,197	20,870,197		20,870,197	0	
	Contract 1251 Form B Credit	(7,618,412)		(7,618,412)	(7,618,412)		(7,618,412)	0	
1252	GUIDEWAY TUNNEL	234,910,822	16,158,145	251,068,968	234,910,822	16,158,145	251,068,968	0	23
	Contract 1252 Form B Credit	(254,050)		(254,050)	(254,050)		(254,050)	0	
1300	CN1300 STATIONS TOTAL	838,088,482	21,587,913	859,676,395	838,088,482	21,587,913	859,676,395	0	
1253: UMS	UNION SQUARE/MARKET STREET STATION [UMS]	294,120,586	4,910,000	299,030,586	294,120,586	4,910,000	299,030,586	0	
	UMS 1253 Form B Credit	(528,370)		(528,370)	(528,370)		(528,370)	0	
1254: CTS	CHINA TOWN STATION [CTS]	247,723,767	4,844,044	252,567,811	247,723,767	4,844,044	252,567,811	0	
	CTS 1254 Form B Credit	(451,703)		(451,703)	(451,703)		(451,703)	0	
1255: YBM	YERBA BUENA/ MOSCONE STATION [YBM]	156,255,129	6,833,869	163,088,998	156,255,129	6,833,869	163,088,998	0	
	YBM 1255 Form B Credit	(100,000)		(100,000)	(100,000)		(100,000)	0	
1256: STS	SURFACE TRACKWORK & SYSTEMS [STS]	139,988,999	5,000,000	144,988,999	139,988,999	5,000,000	144,988,999	0	
	STS 1256 SFPUC SEWER MAIN CREDIT	(2,925,296)		(2,925,296)	(2,925,296)		(2,925,296)	0	
	STS 1256 Form B Credit	(1,000,000)		(1,000,000)	(1,000,000)		(1,000,000)	0	
OTHER	OTHER CONSTRUCTION TOTAL	45,886,756	1,160,000	47,046,756	45,886,756	1,160,000	47,046,756	0	
40.06	PUBLIC ART PROGRAM	8,175,560	1,160,000	9,335,560	8,175,560	1,160,000	9,335,560	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: Jan 2015

Group by Contract & SCC	CATEGORY ITEM	Dec 2014			Jan 2015			BUDGET TRANSFERS [Jan 2015] vs. [Dec 2014]	Cost Report Notes
		Dec 2014 Base	Dec 2014 Allocated Contingency	Dec 2014 Base + Allocated Contingency (YOE)	Jan 2015 Base	Jan 2015 Allocated Contingency	Jan 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	ROW, LAND, EXISTING IMPROVEMENTS	36,511,799	1,000,000	37,511,799	36,511,799	1,000,000	37,511,799	0	
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	VEHICLES	13,309,000	13,076,653	26,385,653	13,309,000	13,076,653	26,385,653	0	
70.01	LIGHT RAIL	13,309,000	13,076,653	26,385,653	13,309,000	13,076,653	26,385,653	0	17
70.07	SPARE PARTS								
80	PROFESSIONAL SERVICES	310,518,041	18,221,079	328,739,120	310,518,041	18,221,079	328,739,120	0	
80.01	PRELIMINARY ENGINEERING	46,202,674		46,202,674	46,202,674		46,202,674	0	
80.02	FINAL DESIGN	61,322,751		61,322,751	61,322,751		61,322,751	0	
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	
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	
TPC	ALL SCC CATEGORIES 10 TO 80	1,497,076,753	71,203,790	1,568,280,543	1,497,076,753	71,203,790	1,568,280,543	0	

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

Report Period: Jan 2015

Group by Contract & SCC	CATEGORY ITEM	Dec 2014			Jan 2015			BUDGET TRANSFERS [Jan 2015] vs. [Dec 2014]	Cost Report Notes
		Dec 2014 Base	Dec 2014 Allocated Contingency	Dec 2014 Base + Allocated Contingency (YOE)	Jan 2015 Base	Jan 2015 Allocated Contingency	Jan 2015 Base + Allocated Contingency (YOE)		
90	UNALLOCATED CONTINGENCIES			10,019,459			10,019,459	0	
	TOTAL PROJECT COST 10 TO 100			1,578,300,002			1,578,300,002		
	TOTAL CONTINGENCY			81,223,249			81,223,249		
	CONTINGENCY MINIMUM			140,000,000			140,000,000		
	BELOW OR ABOVE MINIMUM			(58,776,751)			(58,776,751)		

COST STATUS BY CATEGORY	SCC CODES	BUDGET Dec 2014	BUDGET TRANSFERS	BUDGET Jan 2015	Jan 2015 CTD	Jan 2015 EAC
CONSTRUCTION	SCC 010 - 050	1,175,643,972	0	1,175,643,972	511,190,957	1,143,717,318.31
REAL ESTATE	SCC 060	37,511,799	0	37,511,799	29,654,756	36,511,799.00
VEHICLES	SCC 070	26,385,653	0	26,385,653	2,082,762	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	61,318,330.71
PM FOR DESIGN & CONSTRUCTION	SCC 080.03 - 080.04	196,922,082	0	196,922,083	87,053,338	180,059,425.48
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,296,033	0	24,296,033	10,268,419	22,937,610.93
UNALLOC CONTINGENCY	SCC 090	10,019,456	0	10,019,456		
Grand Total		1,578,300,000	0	1,578,300,000	747,652,215	1,504,056,158

SCC DESCRIPTION	Jan 2015 BUDGET	Jan 2015 CUM CTD
010 - GUIDEWAY & TRACK ELEMENTS	299,528,777	168,655,474
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	575,706,822	175,922,944
040 - SITEWORK & SPECIAL CONDITIONS	221,861,931	159,812,448
050 - SYSTEMS	90,774,397	6,800,092
060 - ROW, LAND, EXISTING IMPROVEMENTS	37,511,799	29,654,756
070 - VEHICLES (number)	26,385,653	2,082,762
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	328,739,120	204,723,740
000 - FORM B REIMBURSEMENTS	(12,227,954)	0
090 - UNALLOCATED CONTINGENCY	10,019,456	
Grand Total	1,578,300,000	747,652,215

SCC DESCRIPTION	Jan 2015 BUDGET	Jan 2015 CUM CTD
010.06-Guideway: Underground cut & cover	70,654,862	58,577,841
010.07-Guideway: Underground tunnel	209,100,916	108,444,074
010.09-Track: Direct fixation	10,046,180	316,104
010.10-Track: Embedded	4,357,309	1,148,502
010.12-Track: Special (switches, turnouts)	5,369,510	168,952
020.01-At-grade station, stop, shelter, mall, terminal, platform	14,121,500	287,009
020.03-Underground station, stop, shelter, mall, terminal, platform	539,121,322	165,852,085
020.07-Elevators, escalators	22,464,000	9,783,850
040.01-Demolition, Clearing, Earthwork	9,315,654	7,009,508
040.02-Site Utilities, Utility Relocation	66,084,838	50,841,220
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	4,566,966	3,580,463
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	10,224,876	752,937
040.07-Automobile, bus, van accessways including roads, parking lots	7,200,862	2,802,451
040.08-Temporary Facilities and other indirect costs during construction	121,162,303	92,056,849
050.01-Train control and signals	30,623,972	2,128,355
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	27,767,275
060.02-Relocation of existing households and businesses	2,180,511	1,887,481
070.01-Light Rail	26,385,653	2,082,762
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	56,061,135
080.04-Construction Administration & Management	93,973,603	30,992,203
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	3,889,963

SCC DESCRIPTION	Jan 2015 BUDGET	Jan 2015 CUM CTD
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
Grand Total	1,578,300,000	747,652,215

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] Jan 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
TOTAL PRELIMINARY ENGINEERING	46,542,061	46,542,061	0	0	46,542,061	0	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 (CAPITAL)	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	146,427	0	
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)	0	0		0	0	0	
TOTAL FINAL DESIGN	115,075,987	113,929,833		0	113,929,833	1,146,155	
11 - SFMTA PROJECT MANAGEMENT	15,589,933	3,597,300	480,199	(152,227)	3,445,073	0	
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	15,589,933	3,597,300	480,199	(152,227)	3,445,073		
12 - SFMTA ENGINEERING SERVICES	905,264	1,033,573	221,773	74,590	1,108,162	815,420	
1.3.012.02.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1252	123,582	41,304	0	676	41,980	81,602	
1.3.012.06.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1300	1,800,000	992,268	221,773	73,914	1,066,182	733,818	
13 - SFMTA CONSTRUCTION MANAGEMENT	44,075,375	5,698,587	683,691	233,869	5,932,456	37,124,600	
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	43,057,057	5,698,587	683,691	233,869	5,932,456	37,124,600	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,588,074	1,107,588	63,876	18,312	1,125,899	2,462,174	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	29,449	5,353	3,657	33,106	266,494	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	10,201	2,599	969	11,170	263,730	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	51,589	44,509	6,944	58,533	179,867	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	19,419	7,674	1,505	20,924	855,952	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] Jan 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	130,397	843	1,166	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	78,872	2,899	4,070	82,942	(82,942)	
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	646,955	33,619	52,721	696,344	11,473,511	
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION COSTS	4,772,555	0	0	0	0	4,772,555	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [1227]	2,030,147	388,167	12,863	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	4,298	4,298	3,658	7,956	13,044	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT5441327.CPT5441327]	1,500,000	234,700	0	0	234,700	1,265,300	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT5441327]	1,903,000	0	0	38,524	38,524	1,864,476	
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	36,123	0	902,824	1,268,957	
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	902,824	36,123	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	0	8,729	128,333	
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	8,729	0	0	8,729	128,333	
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	1,882,973	92,509	7,558	1,890,530	2,351,482	
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	166	0	494,585	(96,185)	
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	24,055	6,511	342	24,397	581,957	
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	3,165	2,519	1,364	4,529	225,472	
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	72,086	2,988	342	72,428	199,327	
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	6,956	0	0	6,956	108,044	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] Jan 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	59,091	3,737	5,051	64,142	386,140	
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	1,633	1,633	0	1,633	182,367	
1.3.028.07.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1250	248,035	291,501	0	0	291,501	(43,466)	
1.3.028.07.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1250	74,468	113,844	0	0	113,844	(39,376)	
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [445]	565,389	318,130	0	0	318,130	247,259	
1.3.028.08.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1251	266,252	289,424	0	0	289,424	(23,172)	
1.3.028.09.040.02 - PUC:CMB CONTRACT 1300/STS INSPECTION	520,077	53,374	43,397	457	53,831	466,246	
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTION	207,000	58,799	31,559	0	58,799	148,201	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	1,150,459	52,809	16,082	1,041	53,850	916,609	
1.3.032.01.080.04 - CM:DPW:1424J-BUREAU OF ENGINEERING (BOE) [AB12]	60,000	52,809	16,082	1,041	53,850	6,150	
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	
34 - DPW - IDC CONSTRUCTION (CAPITAL)	6,695,348	3,620,061	163,274	62,139	3,682,200	3,013,148	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [CD12]	730,000	818,529	42,113	0	818,529	(88,529)	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [13AC12]	206,000	138,397	13,388	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	522,993	107,773	62,139	585,132	3,034,074	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	465,562	85,837	3,869	8,266	94,103	452,459	
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	29,818	3,869	3,266	33,084	(33,084)	
1.3.036.02.080.06 - DPW:MPPG:DPW-BUREAU OF ST USE	90,000	23,339	0	5,000	28,339	61,661	
1.3.036.06.080.06 - DPW:MPPG:BSM PERMIT REVIEW	39,433	0	0	0	0	39,433	
37 - DPW - PCS MATERIAL TESTING LABORATORY	83,100	0	0	0	0	83,100	
1.3.037.01.080.07 - DPW.MTL.LABDPW-MATERIAL TESTIN	83,100	0	0	0	0	83,100	
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	622,474	912,034	0	1	912,315	(289,841)	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [132112]	8,621	506,858	0	0	506,858	(498,237)	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2213]	92,459	92,459	0	0	92,459	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2250]	78,400	78,400	0	0	78,400	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2257]	151,515	151,515	0	0	151,515	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2313]	83,100	24,343	0	0	24,343	58,757	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CE13]	31,367	31,367	0	0	31,367	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CH13]	100,000	8,621	0	0	8,621	91,379	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR)	17,000	0	0	0	0	17,000	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) - CN1252 [1300]	18,632	12,309	0	0	12,309	6,324	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) - CN1300 [1300]	41,379	6,163	0	0	6,443	34,936	
46 - MACY'S WEST - SFPUC SEWER WORK	258,202	258,202	0	(0)	258,202	0	
1.3.046.08.040.02 - MCY.SWRC. CONTRACT: MACY'S-SEW	258,202	258,202	0	(0)	258,202	0	
51 - 821 HOWARD STREET	4,690,481	328,217	29,666	13,650	341,867	4,348,614	
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	4,625,481	324,464	28,255	13,650	338,114	4,287,367	

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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	2,697	1,412	0	2,697	52,303	
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	18,950,485	537,778	708,461	19,658,948	22,714,453	
1.3.063.01.080.03 - CM:PM:AECOM.CS149 OM-EPC JV CS149-PM	9,507,939	6,081,271	(1,330,087)	(4,732)	6,076,539	3,431,400	36
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3B]	5,218,630	3,564,414	(1,330,255)	(7,098)	3,557,316	1,661,314	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3E]	7,000,000	3,101,043	3,101,043	700,157	3,801,200	3,198,800	
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	97,078	97,078	20,133	117,211	482,789	
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	897,944	126,321	(114,739)	783,205	9,294,682	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1337]	10,000,000	897,944	126,321	(192,626)	705,318	9,294,682	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. [1330]	1,000,000			77,887	77,887	922,113	
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	1,358,950	1,839,046	42,024	20,970	1,860,016	(501,066)	
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	1,926,247	42,024	20,970	1,947,217	(588,267)	
72 - STATIONS - CONTRACT # CONTRACT 155-2	8,752,240	1,888,633	202,298	176,288	2,064,921	6,687,319	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	50,000	48,538	636	618	49,156	844	38
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	8,702,240	1,840,095	201,662	175,670	2,015,765	6,686,475	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	4,828,269	587,718	107,472	36,990	624,709	4,203,560	
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	497,928	107,472	36,990	534,918	4,203,351	
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	
GUIDEWAY TUNNELS TOTAL	251,068,968	227,055,938	2,739,100	1,585,102	228,641,040	22,427,928	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	225,368,919	3,744,441	966,344	226,335,264	7,248,751	
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGRN'D CUT	60,446,425	57,349,738	2,465,918	834,082	58,183,820	2,262,605	
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGROUND	105,423,090	104,498,909	284,000	(50,001)	104,448,909	974,182	
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	2,219,035	0	0	2,219,035	220,965	
1.3.083.02.040.02 - CONTRACT 1252:SITWORK:UTILITIES & RE	10,895,000	9,034,927	425,000	179,000	9,213,927	1,681,073	
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	5,000	0	820,000	525,000	
1.3.083.02.040.08 - CONTRACT 1252:SITWORK:TEMP FACILITIE	30,799,500	29,657,019	564,523	3,263	29,660,282	1,139,218	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs	1,326,807	1,687,019	(1,005,342)	618,758	2,305,776	(978,969)	
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	399,303	0	783,693	1,182,996	(2,674)	
1.3.083.83.020.03 - CONTRACT 1252: CONTRACT MOD	965,121	696,628	0	156,788	853,416	111,706	
1.3.083.83.040.02 - CONTRACT 1252: CONTRACT MOD	1,570,207	1,615,092	0	(116,770)	1,498,322	71,885	
1.3.083.83.040.03 - CONTRACT 1252: CONTRACT MOD	401,933	0	0	301,933	301,933	100,000	
1.3.083.83.040.08 - CONTRACT 1252: CONTRACT MOD	(2,872,713)	(1,099,394)	(1,005,342)	(506,886)	(1,606,280)	(1,266,433)	
1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CONTING	16,158,146	0	0	0	0	16,158,146	40
CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL	859,676,395	210,172,419	22,931,674	15,094,611	225,267,030	634,409,370	
84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAGE 1253	294,030,590	90,949,956	5,950,124	8,579,163	99,529,119	194,501,471	16
1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	244,470,715	66,921,428	2,950,124	5,579,163	72,500,591	171,970,124	
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,874,000	4,431,170	1,000,000	1,000,000	5,431,170	4,442,830	
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	4,500,000	2,544,819	500,000	0	2,544,819	1,955,181	
1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	4,141,998	2,308,341	500,000	1,000,000	3,308,341	833,657	
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	927,907	0	0	927,907	664,093	
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	24,575,001	13,555,625	1,000,000	1,000,000	14,555,625	10,019,376	
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	
84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODs	90,000	90,000	0	0	90,000	0	
1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALATORS	90,000	90,000	0	0	90,000	0	
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING	4,910,000	0	0	0	0	4,910,000	41
85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254	247,567,810	50,329,140	4,823,134	1,115,608	51,444,748	196,123,062	16
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUN	72,593,358	2,379,650	50,000	0	2,379,650	70,213,708	
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	136,832,027	33,928,327	4,579,629	815,608	34,743,935	102,088,092	
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,900,000	506,738	50,000	100,000	606,738	6,293,262	
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	3,265,064	50,000	100,000	3,365,064	1,058,937	
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	427,000	338,985	50,000	0	338,985	88,015	
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	

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1.3.085.04.040.07 - CTS.1254: AUTOMOBILE BUS ACCE	278,500	8,344	0	0	8,344	270,156	
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	18,068,000	8,881,078	43,505	100,000	8,981,078	9,086,922	
1.3.085.04.050.02 - CTS.1254: TRAFFIC SIGNALS AND	304,000	304,000	0	0	304,000	0	
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,275,000	128,088	0	0	128,088	4,146,912	
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTR	142,000	4,255	0	0	4,255	137,745	
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	2,564,000	76,823	0	0	76,823	2,487,177	
1.3.085.04.050.06 - CTS.1254: FARE COLLECTION SYST	79,924	2,395	0	0	2,395	77,529	
85 - CHINATOWN STATION (CTS) CMODs	155,956	25,956	0	0	25,956	130,000	
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	4,844,044	0	0	0	0	4,844,044	42
86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255	158,089,000	51,829,748	10,517,855	4,612,815	56,442,563	101,646,437	16
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	118,380,549	35,062,851	5,067,070	1,000,000	36,062,851	82,317,698	
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,600,000	2,243,127	1,600,000	1,412,815	3,655,942	1,944,058	
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	4,551,080	1,600,000	1,200,000	5,751,080	1,048,919	
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,512,000	2,303,341	1,650,785	0	2,303,341	208,659	
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	140,766	100,000	0	140,766	1,454,234	
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,865,000	6,561,522	500,000	1,000,000	7,561,522	8,303,478	
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	237,000	6,057	0	0	6,057	230,943	
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,895,000	99,550	0	0	99,550	3,795,450	
1.3.086.05.050.04 - YBM.1255: TRACTION POWER DISTR	148,000	3,783	0	0	3,783	144,217	
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	2,060,000	52,650	0	0	52,650	2,007,350	
1.3.086.05.050.06 - YBM.1255: FARE COLLECTION SYST	78,452	2,005	0	0	2,005	76,447	
86 - YERBA BUENA MOSCONE STATION (YBM) CMODs	(1,833,869)	0	0	0	0	(1,833,869)	
1.3.086.86.040.08 - CMOD:YBM.1255: TEMPORARY FACILITIES	(1,833,869)	0	0	0	0	(1,833,869)	
1.3.086.96.020.03 - YBM.1255: AC: ALLOC CONTING	6,833,869	0	0	0	0	6,833,869	43
87 - SURFACE TRACKWORK AND SYSTEMS -WORK PACKAGE 1256	139,989,000	16,947,619	1,640,561	787,025	17,734,644	122,254,356	
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	5,682,975	792,072	480,282	6,163,257	10,248,743	
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	715,072	100,000	0	715,072	1,484,928	
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	9,950,000	5,295,475	100,000	(0)	5,295,475	4,654,525	
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL	30,136,000	1,711,612	648,489	306,743	2,018,355	28,117,645	
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	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] Jan 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	0	0	0	0	0	0	
1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	5,000,000	0	0	0	0	5,000,000	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					2,956,812	
142 - LEGAL/PERMITS	2,014,204	0	0	0	0	2,014,204	
1.3.142.01.080.06 - LGL.PRMTSF:LEGAL; PERMITS	2,014,204	0	0	0	0	2,014,204	
144 - STARTUP	8,300,329	0	0	0	0	8,300,329	
1.3.144.01.080.08 - STRT: STARTUP	6,941,907	0	0	0	0	6,941,907	
1.3.144.97.080.08 - STRTA: AC STARTUP ALLOC CONTIN	1,358,422					1,358,422	
151 - TEMPORARY LICENSE AGREEMENT	17,000	0	0	0	0	17,000	
1.3.151.01.080.06 - TEMP.LICPORARY LICENSE AGREEME	17,000	0	0	0	0	17,000	
170 - COMMUNICATIONS CONNECTIONS	5,757,629	0	0	0	0	5,757,629	
1.3.170.01.050.04 - COMM.CONNN:COMMUNICATION CONN	5,757,629	0	0	0	0	5,757,629	
181 - AON RISK INSURANCE CS 163	18,113,750	18,798,132	0	0	18,798,132	(684,382)	
1.3.181.01.040.08 - AON.CS163 AON RISK INS.	18,088,750	18,773,132	0	0	18,773,132	(684,382)	
1.3.181.01.080.03 - AON.CS171 AON RISK INS. STUDY	25,000	25,000	0	0	25,000	0	
191 - FARE COLLECTION CONTRACTOR	5,400,000	0	0	0	0	5,400,000	
1.3.191.01.050.06 - FARE.CONSL: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 UTIL1 LGHT FNDS	63,938	0	0	0	0	63,938	
203 - JOC2-029.0	53,317	0	0	0	0	53,317	
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	53,317	
302 - PG&E	1,988,173	2,749,912	0	0	2,749,912	(761,739)	
1.3.302.03.050.03 - PGE PERMANENT POWER UMS	(2,350,000)	0	0	0	0	(2,350,000)	
1.3.302.03.050.03 - PGE POWER FEED UMS	2,959,826	115,690	0	0	115,690	2,844,136	
1.3.302.04.050.03 - PGE PERMANENT POWER CTS	(2,350,000)	0	0	0	0	(2,350,000)	
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	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] Jan 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.334.01.050.06 - BART:BART FARE COLLECTION EQP	700,000	0	0	0	0	700,000	
401 - ECONOMIC AND WORKFORCE DEVELOPMENT (EWD)	17,600	17,600	0	0	17,600	0	
1.3.401.01.080.04 - EWD: MAYORS OFFICE ECON DEV	17,600	17,600	0	0	17,600	0	
402 - DEPARTMENT OF TECHNOLOGY	242,371	237,534	0	0	237,534	4,837	
1.3.402.07.050.04 - DT:1UTL:COMM. CONNECTIONS	166,756	166,179	0	0	166,179	577	
1.3.402.08.050.04 - DT:2UTL:COMM.CONNECTIONS	75,615	71,354	0	0	71,354	4,261	
404 - DEPARTMENT OF BUILDING INSPECTION (DBI)	1,204,081	1,204,081	0	(0)	1,204,081	0	
1.3.404.01.080.06 - DPT OF BUILDING INSPECTION	1,204,081	1,204,081	0	(0)	1,204,081	0	
491 - FORM B - REIMBURSEMENT	(12,227,954)	0	0	0	0	(12,227,954)	
1.3.491.02.900.01 - FORMB - CONTRACT 1252 UTILITY REIMBUR	(254,050)	0			0	(254,050)	
1.3.491.03.900.01 - FORMB - UMS:CONTRACT 1300 UTILITY REIMBURSEMENT	(528,370)	0			0	(528,370)	
1.3.491.04.900.01 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEMENT	(451,703)	0			0	(451,703)	
1.3.491.05.900.01 - FORMB - YBM:CONTRACT 1300 UTILITY REIMBURSEMENT	(100,000)	0			0	(100,000)	
1.3.491.07.900.01 - FORMB - CONTRACT 1250 UTILITY REIMBUR	(2,275,419)	0			0	(2,275,419)	
1.3.491.08.900.01 - FORMB - CONTRACT 1251 UTILITY REIMBUR	(7,618,412)	0			0	(7,618,412)	
1.3.491.09.900.01 - FORMB - STS:CONTRACT 1300 UTILITY REIMBURSEMENT	(1,000,000)	0			0	(1,000,000)	
TOTAL CONSTRUCTION PHASE	1,342,870,949	537,724,158	28,511,349	17,827,602	555,548,707	774,241,707	
1.4.091.01.070.01 - LRVS: LIGHT RAIL VEHICLES PROJECT MGT [68E]	827,132	827,132	87,278	(0)	827,132	0	
1.4.091.01.070.01 - LRVS: LIGHT RAIL VEHICLES RFP [34B]	1,325,000	1,255,631	353,050	(0)	1,255,631	69,369	
1.4.091.01.070.01 - LRVS: LRV PROCUREMENT ODC	25,000	0	0	0	0	25,000	
1.4.091.01.070.01 - LRVS: LRV PROCUREMENT	11,131,868	0	0	0	0	11,131,868	
1.4.091.97.070.01 - LRVA:AC: VEHICLES ALLOC CONTI	13,076,653					13,076,653	17
TOTAL VEHICLES	26,385,653	2,082,762	440,327	(1)	2,082,762	24,302,891	
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	744,408	1,192	0	744,408	5,592	
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	2,380,000	136,000	68,000	2,448,000	2,552,000	
1.5.015.01.060.01 - RE:-LICENSES FEES	400,000	381,311	0	0	381,311	18,689	
1.5.015.97.060.01 - RE:A:AC: RE: REAL ESTATE ALLO	1,000,000					1,000,000	
1.5.023.01.060.01 - ATTY:REAL ES	2,212,882	2,469,421	22,749	0	2,469,421	(256,539)	
1.5.101.01.060.02 - RES.RELO: RELOCATION COST	1,275,200	1,283,660	0	19,627	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	
TOTAL ROW, LAND, EXISTING IMPROVEMENTS	37,405,895	29,461,225	159,940	87,628	29,548,852	7,857,043	
90 - CONTINGENCY	81,223,247					81,223,247	
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	10,019,456					10,019,456	45
TOTAL ALLOCATED CONTINGENCY	71,203,791					71,203,791	
TOTAL PROJECT COST	1,578,300,001	729,740,039	29,111,616	17,915,228	747,652,215	817,567,252	

7.1 Program Project Budget	
1	The Central Subway Project (CSP) (SFMTA Capital Program CPT 544) is defined in the FTA-SFMTA October 2012 Full Funding Grant Agreement with a budget of \$1.578 billion.
2	The TBM Retrieval Shaft Relocation (SFMTA Capital Program CPT 690) is one of four capital projects that is related to CSP. These four 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 a station area enhancement capital project that has funding and scope that is outside of the Central Subway Project.
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	SFMTA 24" Water Main funds are reimbursements for work carried out in Contract 1252 Contract Modification #41 on behalf of San Francisco PUC (includes construction management cost).
12	Traffic Effectiveness Project funded Contract Modification #40 for Culvert, Street & Sidewalk Restoration in North Beach are reimbursements for work carried out in Contract 1252 on behalf of SFMTA SSD.

7.4 Contingency Management Trend Report	
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

Phase 2 Design Phase	
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]
Phase 3 CONSTRUCTION PHASE	

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 January 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 first Schedule Update (thru December 2014), confirming a 6 month late finish. The 1300 Contractor continues to work multiple shifts on key critical activities to recover lost time. Review of schedule update as well as identifying recovery options is ongoing. CTS excavation for Surface Level Deck commenced this month.

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. Remedial work to repair voids at Cross Passage 5 continues, prolonging work in the tunnels.

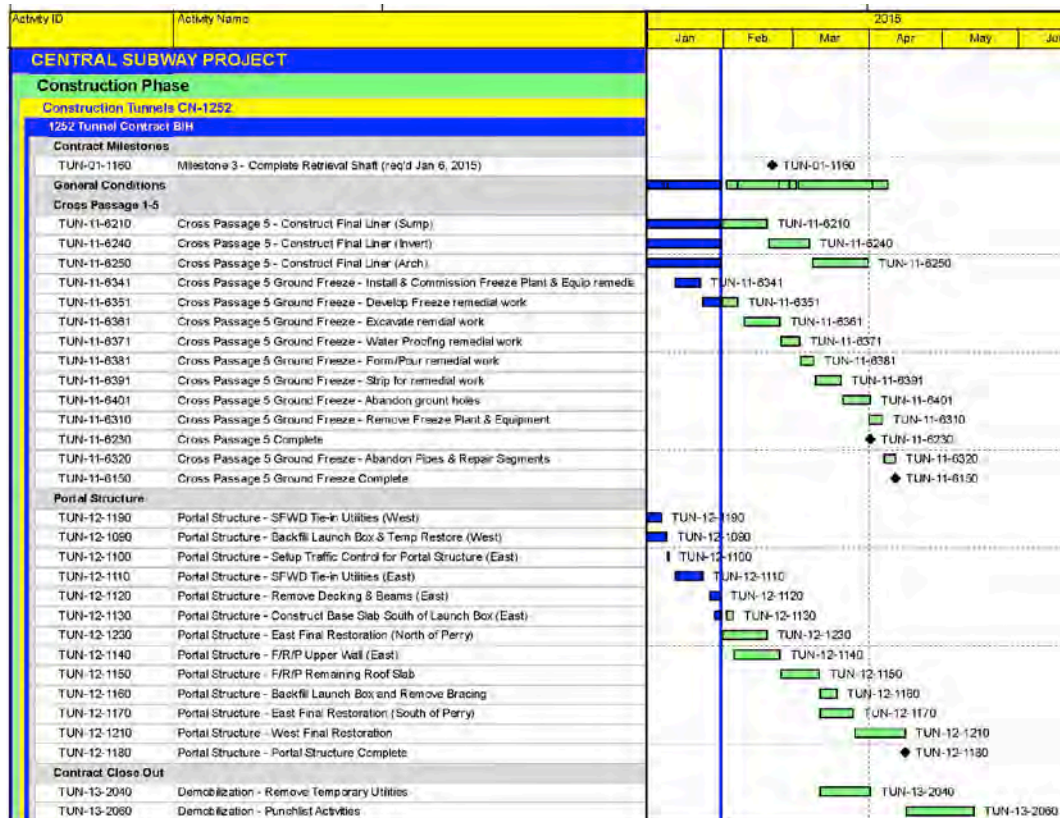
Contract Milestones	Required Finish	JAN 2015 Finish	DEC 2014 Finish	Ahead/ Behind Requirement
Contract 1252 Tunnel Substantial Completion	15-Apr-15	15-Apr-15	15-Apr-15	(0) CD

Contract 1252 has performed the following work this period:

- Tunnel cleaning and repairs - on going.
- TBM mining support equipment demobilizing from the launch box.
- Complete installation of additional freeze pipes within the tunnel and continue ground freezing at Cross Passage 5.
- Poured the remaining invert slab for the Portal Structure.
- Restored one traffic lane between Harrison and Perry.
- Continue installation of AWSS and waterlines at intersection of 4th and Harrison.
- Installed the seismic frame for the SB tunnel at the portal structure.
- Completed North Beach Street restoration with exception of the street lights.

Contract 1252 will perform the following work next month:

- Continue final tunnel cleaning and repairs and demobilization of tunnel facilities.
- Continue cleanup of mining support equipment from the launch box.
- Monitor the ground freezing at Cross Passage 5. Begin excavation of Cross Passage 5.
- Being compaction grouting program at 4th and Jessie.
- Begin restoration of utilities at 4th and Jessie.
- Continue construction of the portal structure. Complete the installation of the west walls to reopen one traffic lane between Harrison to Bryant.
- Continue assembly and installation of the seismic frames at the headwalls.
- Complete installation of the AWSS work at 4th and Harrison.
- Complete replacement of the 30" forcemain on 4th street.
- Complete pedestrian improvements on Columbus Avenue.

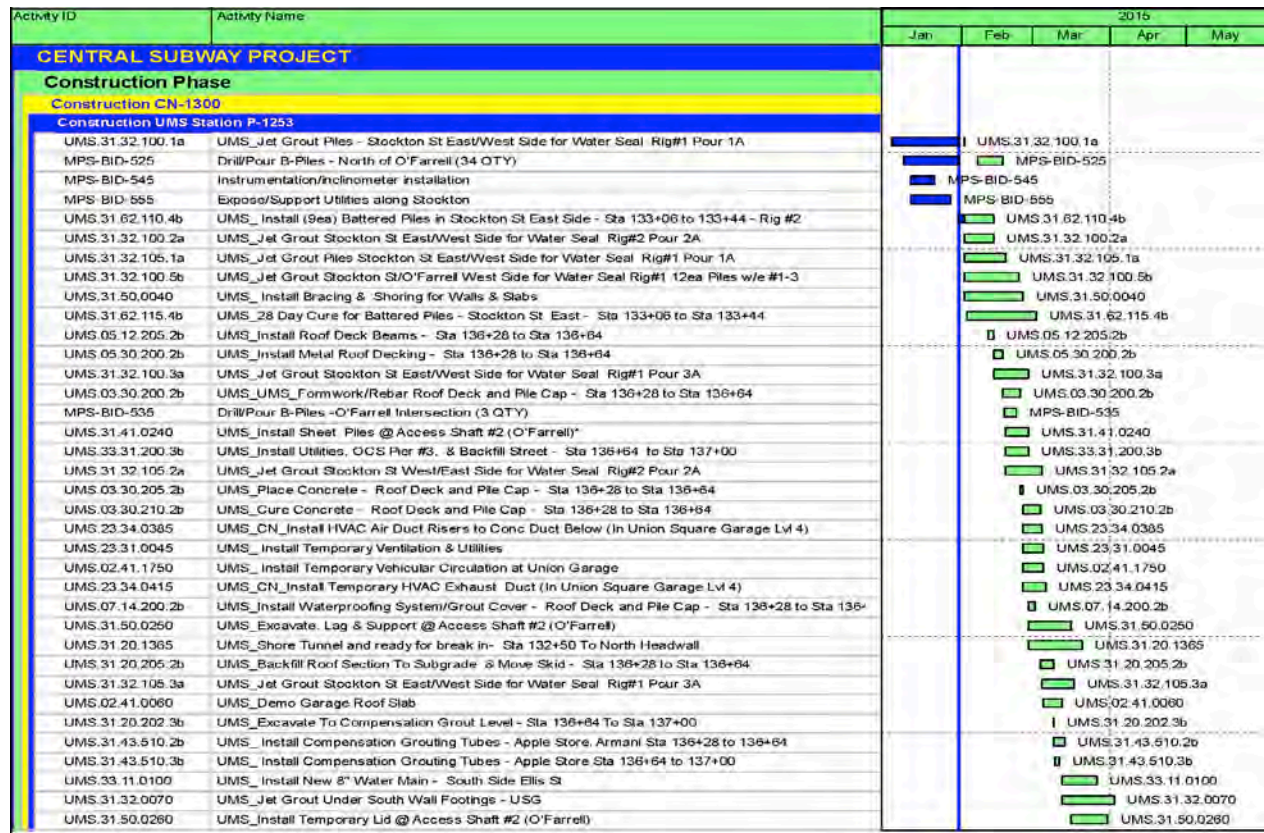


Contract 1300 - WP1253 UMS / WP1254R CTS / WP1255 YBM / WP1256 STS:

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 and updated with Tutor’s Baseline Schedule once it is approved. The Contract 1300 Update Schedule is currently under SFMTA review.

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 January Finish	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:

- Due to Holiday Moratorium, the only work performed was on the F and G piles on Ellis Street. No work was performed on the North and South Concourse areas, the Station Box and the O'Farrell Street Emergency Exit.
- Pile Status: Station Box 184 piles completed out of 198, North and South Concourse piles completed.
- Completed BART CMU Wall.

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

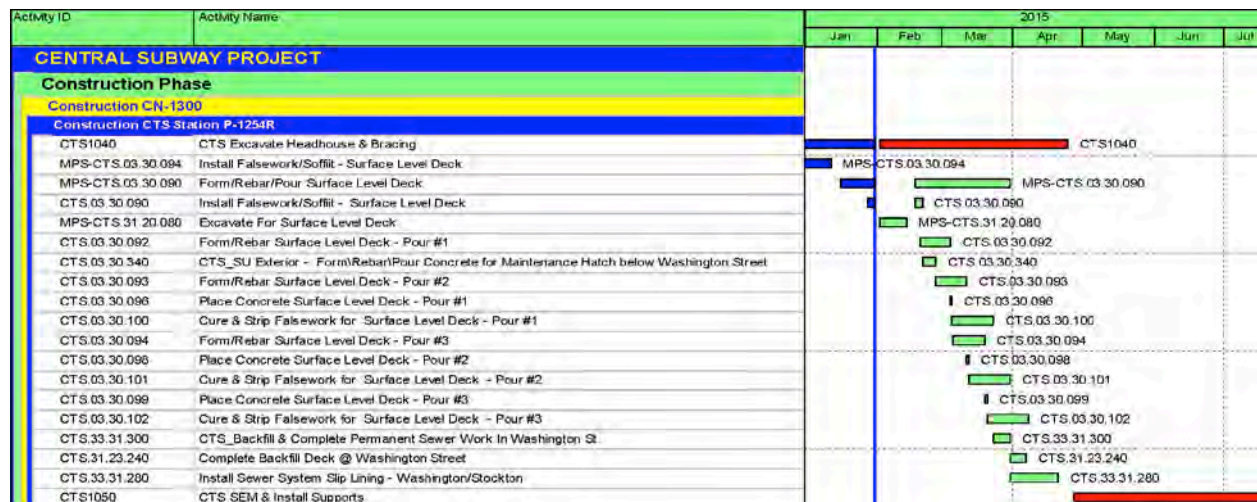
- Remove Winter Walk public space infrastructure.
- Re-mobilize, deliver equipment and restart excavations, including roof excavations, etc.
- Begin jet grouting operations.
- Street closures: Stockton Street between Ellis and Post and Ellis halfway, Stockton to Powell.
- Union Square Garage - establish work sites and start first work on this segment.

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

- Completed installation of dewatering wells inside Headhouse.
- Completed installation of inclinometers in the Headhouse.
- Demolished Slurry Wall guide walls.
- Completed installation of hydrant on Washington Street.

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

- AWSS Fire Hydrant east of site along Washington Street.
- AWSS pipeline along Washington west of Stockton.
- Truck in reinforcing, concrete for slurry wall panels, truck out spoils from slurry wall.
- Install Dewatering wells.
- Prepare site for roof slab construction.



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

- Installation of slurry walls completed, 95 of 95 total
- West side roof slab construction begun; the west side roof is to be constructed in three segments, each 113' long. Segment 1 (from north headwall to just north of Clementina), excavation completed, mud slab placed. Rebar installation pending and excavation in Segments 2 and 3 pending.

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

- Demolition of 4th Street roadway, west side, utility removal in roof slab segments 2 and 3; excavation for roof slab, down to 10' below street level.
- Archaeological Monitoring/Data Recovery in vicinity of 4th Street at Clementina Street.

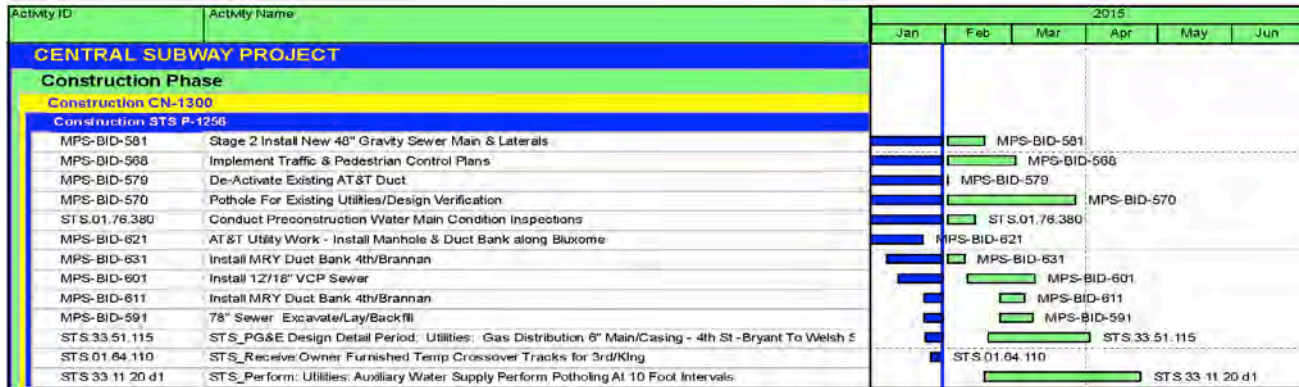


Work Package P-1256 (STS) has performed the following work this month:

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

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

- Complete AT&T ductbank installation on 4th between Bryant and Bluxome.
- Install sewer, waterline and Muni ductbank.
- Complete Drill Piles for 4th/Brannan Station.
- Start rehabilitation of 78" sewer.



SCHEDULE REVISIONS

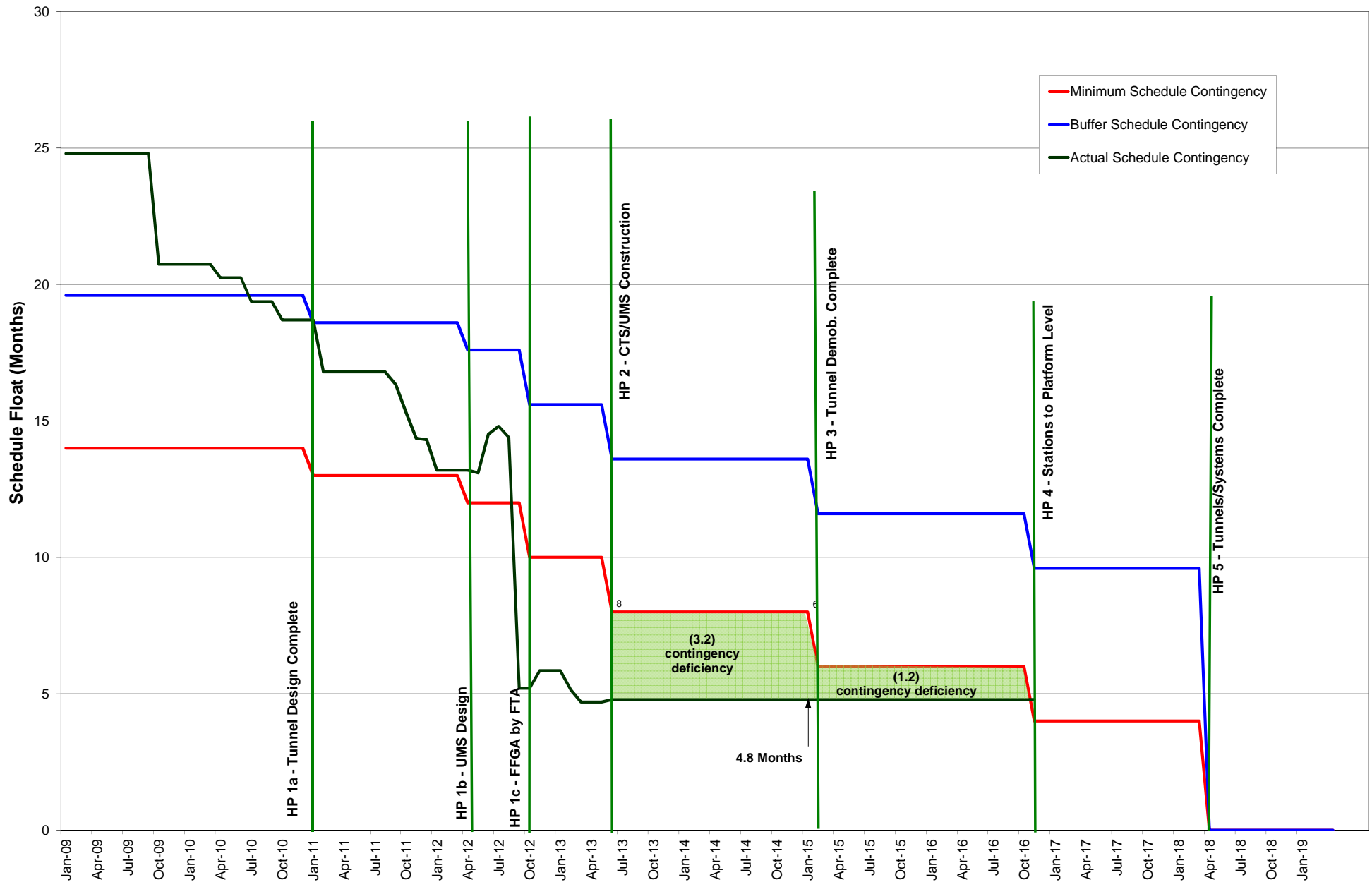
Activities were added to the Interim CN-1300 Schedule to show addition schedule details in the current reporting period.

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

January 2015



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

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	Q1	Q2
CENTRAL SUBWAY PROJECT																																	
Program Level Milestones																																	
HidPt5	Systems Complete	0		13-Apr-18	13-Apr-18	13-Apr-18	0																										
MS0019	Baseline Finish Date: 12-26-2018	0		26-Dec-18*	26-Dec-18	26-Dec-18	0																										
MS0009	CSP Revenue Service Date	0		26-Dec-18*	26-Dec-18	26-Dec-18	0																										
Construction Phase																																	
Construction CN-1300																																	
CN- 1300 Milestone																																	
BUF1017	STS Buffer Float- (44)	44	12-Feb-18	13-Apr-18	12-Feb-18	13-Apr-18	0																										
Construction CTS Station P-1254R																																	
CTS1040	CTS Excavate Headhouse & Bracing	128	09-Oct-14 A	24-Apr-15	09-Oct-14	24-Apr-15	0																										
CTS1050	CTS SEM & Install Supports	406	27-Apr-15	13-Dec-16	27-Apr-15	13-Dec-16	0																										
CTS1080	CTS Headhouse Structural Concrete / Remove Bracing	60	14-Dec-16	21-Mar-17	14-Dec-16	21-Mar-17	0																										
CTS1100	CTS Install M/E/P	145	22-Mar-17	16-Oct-17	22-Mar-17	16-Oct-17	0																										
CTS1120	CTS Start Up & Testing	96	17-Oct-17	10-Feb-18	17-Oct-17	10-Feb-18	0																										
CTS0030	CTS P-1254R Commissioning Completion	0		10-Feb-18	10-Feb-18	10-Feb-18	0																										
Construction STS P-1256																																	
STS1090	STS Startup & Testing- Tunnel & ATSC Systems	88	26-Oct-17	10-Feb-18	26-Oct-17	10-Feb-18	0																										
Project Start Up																																	
STU1010	S&S Certification / Pre-Revenue Activities	115	16-Apr-18	27-Sep-18	16-Apr-18	27-Sep-18	0																										
BUF0018	Muni Float	60	28-Sep-18	26-Dec-18	28-Sep-18	26-Dec-18	0																										

Activity Name	Original Duration	Start	Finish	2012				2013				2014				2015				2016				2017				2018			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CENTRAL SUBWAY PROJECT	1744	08-Jun-11 A	11-May-18																												
Construction Phase	1744	08-Jun-11 A	11-May-18																												
Construction Tunnels CN-1252	1357	08-Jun-11 A	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	1169	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-Feb-15																												
Cross Passage 1-5	296	22-Mar-14 A	11-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	273	31-May-14 A	11-Apr-15																												
Portal Structure	196	02-Sep-14 A	15-Apr-15																												
Contract Close Out	254	03-Mar-14 A	13-May-15																												
Construction CN-1300	1386	17-Jun-13 A	11-May-18																												
CN- 1300 Milestone	1790	17-Jun-13 A	11-May-18																												
Construction UMS Station P-1253	1790	17-Jun-13 A	11-May-18																												
Construction CTS Station P-1254R	1386	17-Jun-13 A	11-May-18																												
Construction YBM Station P-1255	1790	17-Jun-13 A	11-May-18																												
Construction STS P-1256	1234	17-Jun-13 A	11-May-18																												
UMS-1253 Contract Modification	382	13-Sep-13 A	31-Dec-14 A																												

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
CENTRAL SUBWAY PROJECT						3036	01-Dec-08 A	30-Dec-20	0																								
Program Level Milestones						2117	15-Mar-15	30-Dec-20	0																								
MS0005	50% through Construction Project - Milestone #5	0		15-Mar-15*	1292	◆ 50% through Construction Project - Milestone #5																											
HldPt3	Tunnel Demobilization Complete	0		02-Apr-15	59	◆ 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 -																											
Light Rail Vehicles						1969	15-Apr-13 A	04-Sep-18	113																								
LRV1400	LRV Vendor Selection - 1.4.091.01.070.01 - Physical	305	15-Apr-13 A	06-Feb-15	76	■ LRV Vendor Selection - 1.4.091.01.070.01 - Physical																											
LRV1405	VLR Vendor Selection Payment 2	284	07-Feb-15	03-Dec-15	100	■ VLR Vendor Selection Payment 2																											
LRV1410	LRV Design Specification - 1.4.091.01.070.01 - Physical	53	03-Dec-15	23-Feb-16	77	■ LRV Design Specification - 1.4.091.01.070.01 - Physical																											
LRV1420	LRV Manufacture / Assemble - 1.4.091.97.070.01 - Contingency	252	23-Feb-16	21-Feb-17	77	■ LRV Manufacture / Assemble - 1.4.091.97.070.01 - Contingency																											
LRV1430	LRV Manufacture / Assemble - 1.4.091.01.070.01 - Physical	252	23-Feb-16	21-Feb-17	77	■ LRV Manufacture / Assemble - 1.4.091.01.070.01 - Physical																											
MS-LRV	LRV Delivery	0		04-Sep-18	77	◆ LRV Delivery																											
Real Estate						4051	01-Dec-08 A	31-Jan-20	334																								
CO1.510	Acquisitions, Appraisals, Relocation Consultant Cost Activity (LOE)	1631	01-Dec-08 A	29-May-15	764	■ Acquisitions, Appraisals, Relocation Consultant Cost Activity (LOE)																											
CO1.520	Real Estate Residential Relocation Cost Activity (LOE)	1631	01-Dec-08 A	29-May-15	764	■ Real Estate Residential Relocation Cost Activity (LOE)																											
CO1.521	Real Estate Commercial Relocation Cost Activity (LOE)	981	05-Jul-11 A	29-May-15	764	■ Real Estate Commercial Relocation Cost Activity (LOE)																											
CO1.530	Contingency Cost Activity (LOE)	353	02-Jan-14 A	29-May-15	764	■ Contingency Cost Activity (LOE)																											
Complete RE Processing Tunnel CP-1252						1990	01-Feb-12 A	31-Jan-20	230																								
REA10090	Caltrans Lease	1990	01-Feb-12 A	31-Jan-20	230	■ Caltrans Lease																											
Complete RE Processing CTS Station P-1254R						1432	01-Aug-10 A	30-May-15	1108																								
(211-011) Chinatown						1432	01-Aug-10 A	30-May-15	1108																								
Tenant Relocation (933 Stockton)						1432	01-Aug-10 A	30-May-15	1108																								
REA3165	933 Stockton, Unit 10 - Tenant Relocated	1277	01-Aug-10 A	31-Jan-15	1108	■ 933 Stockton, Unit 10 - Tenant Relocated																											
REA3145	933 Stockton, Unit 9A - Tenant Relocated	1277	01-Apr-11 A	31-Jan-15	1108	■ 933 Stockton, Unit 9A - Tenant Relocated																											
REA3155	933 Stockton, Unit 9B - Tenant Relocated	1277	15-Apr-11 A	31-Jan-15	1108	■ 933 Stockton, Unit 9B - Tenant Relocated																											
REA3215	933 Stockton, Unit 16 - Tenant Relocated	1277	01-May-11 A	31-Jan-15	1108	■ 933 Stockton, Unit 16 - Tenant Relocated																											
REA3075	933 Stockton, Unit 3B - Tenant Relocated	1277	09-May-11 A	31-Jan-15	1108	■ 933 Stockton, Unit 3B - Tenant Relocated																											
REA3135	933 Stockton, Unit 8 - Tenant Relocated	1277	01-Jun-11 A	31-Jan-15	1108	■ 933 Stockton, Unit 8 - Tenant Relocated																											
REA3055	933 Stockton, Unit 2 - Tenant Relocated	1277	01-Aug-11 A	31-Jan-15	1108	■ 933 Stockton, Unit 2 - Tenant Relocated																											
REA3085	933 Stockton, Unit 4 - Tenant Relocated	1277	01-Sep-11 A	28-Feb-15	1108	■ 933 Stockton, Unit 4 - Tenant Relocated																											
REA3115	933 Stockton, Unit 7A - Tenant Relocated	1277	14-Sep-11 A	13-Mar-15	1108	■ 933 Stockton, Unit 7A - Tenant Relocated																											
REA3225	933 Stockton, Unit 17 - Tenant Relocated	1277	19-Sep-11 A	18-Mar-15	1108	■ 933 Stockton, Unit 17 - Tenant Relocated																											
REA3065	933 Stockton, Unit 3A - Tenant Relocated	1277	01-Nov-11 A	30-Apr-15	1108	■ 933 Stockton, Unit 3A - Tenant Relocated																											
REA3175	933 Stockton, Unit 11 - Tenant Relocated	1277	01-Nov-11 A	30-Apr-15	1108	■ 933 Stockton, Unit 11 - Tenant Relocated																											
REA3195	933 Stockton, Unit 14 - Tenant Relocated	1277	09-Nov-11 A	08-May-15	1108	■ 933 Stockton, Unit 14 - Tenant Relocated																											
REA3605	933 Stockton, Unit 1 - Tenant Relocated	1277	01-Dec-11 A	30-May-15	1108	■ 933 Stockton, Unit 1 - Tenant Relocated																											
REA3235	Broadway Sansome Cert. of Occupancy	0		01-Apr-15*	0	◆ Broadway Sansome Cert. of Occupancy																											
Construction Phase						2349	04-Jan-10 A	02-May-19	417																								
Construction Support and Costs						3406	04-Jan-10 A	02-May-19	608																								
Construction Tunnels CN-1252						948	08-Aug-11 A	15-May-15	166																								
1252 Tunnel Contract BIH						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
Contract Milestones						83	20-Feb-15	15-May-15	0																								
TUN-01-1160	Milestone 3 - Complete Retrieval Shaft (req'd Jan 6, 2015)	0		20-Feb-15*	-45	◆ Milestone 3 - Complete Retrieval Shaft (req'd Jan 6, 2015)																											
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																											
General Conditions						1169	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																											
Contract Modifications						912	24-Dec-13 A	11-Apr-15	30																								
TUN-02-1340	CM- 25: CP5 Ground Freeze	0	24-Dec-13 A	11-Apr-15	4	■ CM- 25: CP5 Ground Freeze																											
TUN-02-1470	CM-37	5	02-Sep-14 A	05-Feb-15	86	■ CM-37																											
TUN-02-1480	CM-38	5	02-Sep-14 A	05-Feb-15	86	■ CM-38																											
TUN-02-1490	CM-39	5	02-Sep-14 A	05-Feb-15	86	■ CM-39																											
TUN-02-1530	CM-43	5	02-Sep-14 A	05-Feb-15	86	■ CM-43																											
TUN-02-1540	CM-44	0	31-Oct-14 A	02-Feb-15	91	■ CM-44																											
TUN-02-1550	CM-45	0	31-Oct-14 A	02-Feb-15	91	■ CM-45																											
TUN-02-1560	CM-46	0	02-Feb-15	02-Feb-15	91	■ CM-46																											
Procurement						0	31-Jan-15	31-Jan-15	75																								
Procure Precast Segments						0	31-Jan-15	31-Jan-15	75																								
North Tunnel						0	31-Jan-15	31-Jan-15	75																								
TUN-07-1150	Tunneling - Tunnels Complete	0		31-Jan-15	75	◆ Tunneling - Tunnels Complete																											
Protection and Monitoring						695	29-Mar-12 A	08-Apr-15	5																								
Instrumentation & Monitoring						695	29-Mar-12 A	08-Apr-15	5																								
TUN-02-8030	Protection - Monitor Instrumentation	564	29-Mar-12 A	02-Mar-15	5	■ Protection - Monitor Instrumentation																											
TUN-02-8060	Protection - Abandon Instrumentation	27	03-Mar-15	08-Apr-15	5	■ Protection - Abandon Instrumentation																											
Pre and Post Construction Surveys						157	25-Aug-14 A	08-Apr-15	5																								
TUN-02-8490	Protection - POSTconstruction Surveys @ Others	20	25-Aug-14 A	02-Mar-15	32	■ Protection - POSTconstruction Surveys @ Others																											
TUN-02-8480	Protection - POSTconstruction Surveys @ Retrieval	5	07-Jan-15 A	27-Feb-15	33	■ Protection - POSTconstruction Surveys @ Retrieval																											
TUN-02-8420	Protection - POSTconstruction Surveys @ Launch Box	5	09-Jan-15 A	06-Feb-15	47	■ Protection - POSTconstruction Surveys @ Launch Box																											
TUN-02-8460	Protection - POSTconstruction Surveys @ Cross Passage No 5	5	02-Apr-15	08-Apr-15	5	■ Protection - POSTconstruction Surveys @ Cross Passage No 5																											
Retrieval Shaft						15	15-Dec-14 A	20-Feb-15	-38																								
Pagoda Retrieval Shaft Construction						15	15-Dec-14 A	20-Feb-15	-38																								
TUN-10-3390	Retrieval Shaft - Site Restoration	15	15-Dec-14 A	20-Feb-15	-38	■ Retrieval Shaft - Site Restoration																											
Cross Passage 1-5						104	12-Dec-14 A	11-Apr-15	4																								
Cross Passage 5						104	12-Dec-14 A	11-Apr-15	4																								
TUN-11-6130	Cross Passage 5 Ground Improvements - Install Sewer Manhole	5	05-Jan-15 A	06-Feb-15	37	■ Cross Passage 5 Ground Improvements - Install Sewer Manhole																											
TUN-11-6140	Cross Passage 5 Ground Improvements - Restore Site	5	12-Jan-15 A	13-Feb-15	37	■ Cross Passage 5 Ground Improvements - Restore Site																											
CP5 Ground Improvements						69	23-Jan-15 A	11-Apr-15	4																								
TUN-11-6351	Cross Passage 5 Ground Freeze - Develop Freeze remedial work	15	23-Jan-15 A	06-Feb-15	7	■ Cross Passage 5 Ground Freeze - Develop Freeze remedial work																											
TUN-11-6361	Cross Passage 5 Ground Freeze - Excavate remedial work	10	09-Feb-15	23-Feb-15	5	■ Cross Passage 5 Ground Freeze - Excavate remedial work																											
TUN-11-6371	Cross Passage 5 Ground Freeze - Water Proofing remedial work	7	24-Feb-15	03-Mar-15	6	■ Cross Passage 5 Ground Freeze - Water Proofing remedial work																											
TUN-11-6381	Cross Passage 5 Ground Freeze - Form/Pour remedial work	5	04-Mar-15	09-Mar-15	12	■ Cross Passage 5 Ground Freeze - Form/Pour remedial work																											
TUN-11-6391	Cross Passage 5 Ground Freeze - Strip for remedial work	10	10-Mar-15	20-Mar-15	12	■ Cross Passage 5 Ground Freeze - Strip for remedial work																											

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				
TUN-11-6401	Cross Passage 5 Ground Freeze - Abandon ground holes	10	21-Mar-15	01-Apr-15	12																																
TUN-11-6310	Cross Passage 5 Ground Freeze - Remove Freeze Plant & Equipment	5	01-Apr-15	06-Apr-15	3																																
TUN-11-6320	Cross Passage 5 Ground Freeze - Abandon Pipes & Repair Segments	5	07-Apr-15	11-Apr-15	3																																
TUN-11-6150	Cross Passage 5 Ground Freeze Complete	0		11-Apr-15	4																																
CP5 Construction		95	12-Dec-14 A	01-Apr-15	6																																
TUN-11-6210	Cross Passage 5 - Construct Final Liner (Sump)	5	12-Dec-14 A	18-Feb-15	3																																
TUN-11-6240	Cross Passage 5 - Construct Final Liner (Invert)	5	18-Dec-14 A	07-Mar-15	3																																
TUN-11-6250	Cross Passage 5 - Construct Final Liner (Arch)	15	24-Dec-14 A	31-Mar-15	3																																
TUN-11-6220	Cross Passage 5 - Install Misc Metals	1	01-Apr-15	01-Apr-15	6																																
TUN-11-6230	Cross Passage 5 Complete	0		01-Apr-15	7																																
Portal Structure		69	28-Jan-15 A	15-Apr-15	0																																
TUN-12-1130	Portal Structure - Construct Base Slab South of Launch Box (East)	6	28-Jan-15 A	04-Feb-15	0																																
TUN-12-1230	Portal Structure - East Final Restoration (North of Perry)	15	31-Jan-15 A	18-Feb-15	30																																
TUN-12-1140	Portal Structure - F/R/P Upper Wall (East)	12	05-Feb-15	23-Feb-15	0																																
TUN-12-1150	Portal Structure - F/R/P Remaining Roof Slab	14	24-Feb-15	11-Mar-15	0																																
TUN-12-1160	Portal Structure - Backfill Launch Box and Remove Bracing	5	12-Mar-15	18-Mar-15	0																																
TUN-12-1170	Portal Structure - East Final Restoration (South of Perry)	10	12-Mar-15	25-Mar-15	0																																
TUN-12-1210	Portal Structure - West Final Restoration	15	26-Mar-15	15-Apr-15	0																																
TUN-12-1180	Portal Structure - Portal Structure Complete	0		15-Apr-15	0																																
Contract Close Out		222	27-Jun-14 A	13-May-15	0																																
TUN-13-2020	Demobilization - Remove Workshop	10	27-Jun-14 A	13-Feb-15	61																																
TUN-13-2030	Demobilization - Remove Muck Handling Facilities	15	22-Aug-14 A	23-Feb-15	56																																
TUN-13-2040	Demobilization - Remove Temporary Utilities	15	12-Mar-15	01-Apr-15	29																																
TUN-13-2050	Demobilization - Remove Contractor & Owner's Offices	20	16-Apr-15	13-May-15	0																																
TUN-13-2060	Demobilization - Punchlist Activities	20	16-Apr-15	13-May-15	0																																
TUN-13-2080	Demobilization - Transfer Site to Subsequent Contractor(s)	1	13-May-15	13-May-15	0																																
1252 Contingency, Interfaces, & Buffer Float		228	05-Sep-14 A	02-Apr-15	288																																
CO1.3.08300	CN 1252 Tunnel Contingency Cost Activity (LOE)	188	05-Sep-14 A	31-Jan-15	285																																
BUF0007	TUN Buffer Float No. 7 to Stations UMS	95	30-Sep-14 A	27-Mar-15	62																																
TUN1180	CN 1252 Substantial Completion - CN 1252 & Master Schedule Interface	0	31-Jan-15	31-Jan-15	349																																
TUN1190	CN 1252 Closeout Complete- CN 1252 & Master Schedule Interface	0	31-Jan-15	31-Jan-15	349																																
TUN1200	Pagoda Lease ends on 5/9/15	0		09-Feb-15*	0																																
TUN9990	CP-5 Complete- CN 1252 & Master Schedule Interface	0	01-Apr-15	01-Apr-15	84																																
BUF1047	TUN Buffer Float No. 7.75 to Stations YBM	0	02-Apr-15	02-Apr-15	59																																
Construction CN-1300		1234	17-Jun-13 A	11-May-18	660																																
CN- 1300 Milestone		1790	17-Jun-13 A	11-May-18	139																																
FDS2330	CN 1300- UMS, CTS, YBM, & STS Req'd Substantial Completion (1700 CD from NTP)	1700	17-Jun-13 A	10-Feb-18	1																																
CTS2120	CN 1300- CTS Req'd -Tunnel Interface Complete (450 CD from NTP)	450	17-Jun-13 A	31-Jan-15	86																																
UMS2100	CN 1300- UMS & YBM Req'd- Tunnel Interface Complete (620 CD from NTP)	620	17-Jun-13 A	26-Feb-15	118																																
STS10020	CN 1300- STS Req'd Tunnel Portal Completion (830 CD from NTP)	830	17-Jun-13 A	24-Sep-15	112																																
STS1500	CN 1300 Substantial Completion	0		10-Feb-18	1																																
STS1510	CN 1300 Checklist and Closeout	90	11-Feb-18	11-May-18	139																																
BUF1017	STS Buffer Float- (44)	44	12-Feb-18	13-Apr-18	0																																
STS1520	CN 1300 Final Completion	0		11-May-18	139																																
Construction UMS Station P-1253		1579	14-Jan-14 A	11-May-18	964																																
UMS1020	UMS Guidewalls, Piles, Jet Grout, and Roof	320	14-Jan-14 A	17-Jun-15	5																																
BID-COST01	UMS All Location Cost (LOE)	487	21-Jul-14 A	02-Feb-15	1488																																
MPS-BID-485	UMS Post Holiday Moratorium - Remove Moratorium Furnishings	5	02-Jan-15 A	06-Feb-15	1473																																
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	02-Feb-15	1469																																
UMS1040	UMS Garage Demo and Install Structural Elements to Garage Permanent Operations	160	05-Jan-15 A	19-Aug-15	4																																

SFMTA Central Subway Project
 Master Project Schedule
 One Month Back & Remaining Work - January 2015

Required Revenue Serve Date 26-Dec-18
 Data Date: 31-Jan-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	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
						Gantt Chart																																															
MPS-BID-525	Drill/Pour B-Piles - North of O'Farrell (34 QTY)	40	09-Jan-15 A	17-Feb-15	2138	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.62.110.4b	UMS_ Install (9ea) Battered Piles in Stockton St East Side - Sta 133+06 to 133+44 - Rig #2	11	31-Jan-15 A	13-Feb-15	1468	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.20.202.1b	UMS_ Excavate To Compensation Grout Level - Sta 135+92 To Sta 136+28	1	02-Feb-15	02-Feb-15	1482	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.20.200.2b	UMS_ Excavate For Roof Section & Support Utilities (Where Required) Sta 136+28 to Sta 136+64	2	02-Feb-15	03-Feb-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.02.41.0375	UMS_ Demo Sub-Basement Walls, Beams & Lagging - Stockton St - Maiden To Geary (West Side)	5	02-Feb-15	06-Feb-15	1483	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.32.100.2a	UMS_ Jet Grout Stockton St East/West Side for Water Seal Rig#2 Pour 2A	10	02-Feb-15	13-Feb-15	1469	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.32.105.1a	UMS_ Jet Grout Piles Stockton St East/West Side for Water Seal Rig#1 Pour 1A	12	02-Feb-15	18-Feb-15	1449	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.32.100.5b	UMS_ Jet Grout Stockton St/O'Farrell West Side for Water Seal Rig#1 12ea Piles w/e #1-3	15	02-Feb-15	23-Feb-15	1473	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.50.0040	UMS_ Install Bracing & Shoring for Walls & Slabs	17	02-Feb-15	25-Feb-15	1445	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.62.115.3b	UMS_ 28 Day Cure for Battered Piles - Stockton St East - Sta 132+70 to Sta 133+06	20	02-Feb-15	02-Mar-15	1468	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.43.510.1b	UMS_ Install Compensation Grouting Tubes - Armani Sta 135+92 to 136+28	2	02-Feb-15	04-Feb-15	1485	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.20.201.2b	UMS_ As-Build Beam Connections / Fabricate / Deliver Roof Beams - Sta 136+28 To Sta 136+64	7	03-Feb-15	11-Feb-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.62.115.4b	UMS_ 28 Day Cure for Battered Piles - Stockton St East - Sta 133+06 to Sta 133+44	19	03-Feb-15	02-Mar-15	1468	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.05.12.205.2b	UMS_ Install Roof Deck Beams - Sta 136+28 to Sta 136+64	2	11-Feb-15	13-Feb-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.05.30.200.2b	UMS_ Install Metal Roof Decking - Sta 136+28 to Sta 136+64	1	13-Feb-15	17-Feb-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.32.100.3a	UMS_ Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A	9	13-Feb-15	27-Feb-15	1469	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.03.30.200.2b	UMS_ UMS_ Formwork/Rebar Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	5	17-Feb-15	24-Feb-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
MPS-BID-535	Drill/Pour B-Piles -O'Farrell Intersection (3 QTY)	5	18-Feb-15	22-Feb-15	2138	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.41.0240	UMS_ Install Sheet Piles @ Access Shaft #2 (O'Farrell)*	7	18-Feb-15	27-Feb-15	1449	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.33.31.200.3b	UMS_ Install Utilities, OCS Pier #3, & Backfill Street - Sta 136+64 to Sta 137+00	7	18-Feb-15	27-Feb-15	1469	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.32.105.2a	UMS_ Jet Grout Stockton St West/East Side for Water Seal Rig#2 Pour 2A	10	18-Feb-15	04-Mar-15	1449	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.03.30.205.2b	UMS_ Place Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	1	24-Feb-15	25-Feb-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.03.30.210.2b	UMS_ Cure Concrete - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	5	25-Feb-15	04-Mar-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.23.34.0385	UMS_ CN_Install HVAC Air Duct Risers to Conc Duct Below (In Union Square Garage Lvl 4)	5	25-Feb-15	04-Mar-15	1466	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.23.31.0045	UMS_ Install Temporary Ventilation & Utilities	6	25-Feb-15	05-Mar-15	1445	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.02.41.1750	UMS_ Install Temporary Vehicular Circulation at Union Garage	6	25-Feb-15	05-Mar-15	1445	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.23.34.0415	UMS_ CN_Install Temporary HVAC Exhaust Duct (In Union Square Garage Lvl 4)	7	25-Feb-15	06-Mar-15	1464	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.07.14.200.2b	UMS_ Install Waterproofing System/Grout Cover - Roof Deck and Pile Cap - Sta 136+28 to Sta 136+64	1	27-Feb-15	02-Mar-15	1461	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.50.0250	UMS_ Excavate. Lag & Support @ Access Shaft #2 (O'Farrell)	11	27-Feb-15	16-Mar-15	1449	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.20.1365	UMS_ Shore Tunnel and ready for break in- Sta 132+50 To North Headwall	15	27-Feb-15	20-Mar-15	1454	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.20.205.2b	UMS_ Backfill Roof Section To Subgrade & Move Skid - Sta 136+28 to Sta 136+64	3	04-Mar-15	09-Mar-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.32.105.3a	UMS_ Jet Grout Stockton St East/West Side for Water Seal Rig#1 Pour 3A	9	04-Mar-15	17-Mar-15	1457	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.02.41.0060	UMS_ Demo Garage Roof Slab	5	05-Mar-15	12-Mar-15	1445	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.20.202.2b	UMS_ Excavate To Compensation Grout Level - Sta 136+28 To Sta 136+64	0	09-Mar-15	09-Mar-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.20.202.3b	UMS_ Excavate To Compensation Grout Level - Sta 136+64 To Sta 137+00	1	09-Mar-15	09-Mar-15	1461	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.43.510.2b	UMS_ Install Compensation Grouting Tubes - Apple Store, Armani Sta 136+28 to 136+64	5	09-Mar-15	13-Mar-15	1459	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.43.510.3b	UMS_ Install Compensation Grouting Tubes - Apple Store Sta 136+64 to 137+00	2	10-Mar-15	11-Mar-15	1461	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.33.11.0100	UMS_ Install New 8" Water Main - South Side Ellis St	10	12-Mar-15	26-Mar-15	1450	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.32.0070	UMS_ Jet Grout Under South Wall Footings - USG	15	12-Mar-15	02-Apr-15	1445	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS.31.50.0260	UMS_ Install Temporary Lid @ Access Shaft #2 (O'Farrell)	10	16-Mar-15	30-Mar-15	1449	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS2030	UMS Tunnel Interface Finish Cross Passages 3 & 4 (Req'd Feb 26, 2015)	0		02-Apr-15	84	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS1050	UMS Excavate & Install Struts	205	18-Jun-15	12-Apr-16	5	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS1060	UMS Garage Turn Over Garage	0		19-Aug-15	4	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS1070	UMS Garage Remaining Work	555	20-Aug-15	31-Oct-17	4	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS1080	UMS Place Invert, Install Walls, and Waterproof	230	13-Apr-16	10-Mar-17	5	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS1090	UMS Install M/E/P	170	21-Dec-16	22-Aug-17	5	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS1110	UMS Architectural Finishes	180	13-Mar-17	22-Nov-17	53	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
MPS-MOB-UMS04	UMS Mobilization Payment #4	1	22-Sep-17*	22-Sep-17	142	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS1130	UMS Start Up & Testing	65	01-Nov-17	05-Feb-18	4	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			
UMS2040	UMS P-1253 Commissioning Completion	0		05-Feb-18	5	Gantt Chart																								Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart				Gantt Chart			

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 So-Ma, Union Square and downtown.



Project Overview - continued

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

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

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.

The charts that follow summarize use of fund sources by phase, Phase 1 + Phase 2 of the T Third Line federal, state and local funding percentages.

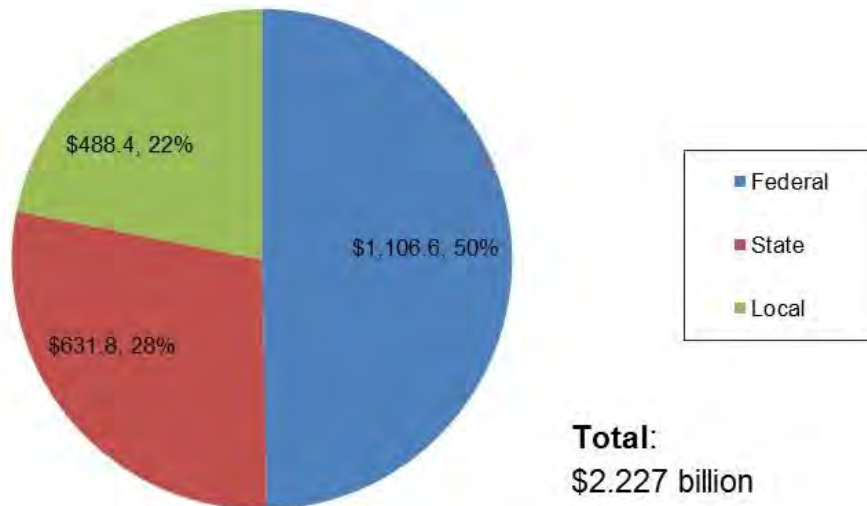
	T Third Phase 1	Central Subway Phase 2	Total Phase 1 + Phase 2	Percentage of Total
Federal	\$123.380	\$983.225	\$1,106.605	49.7%
State	\$160.700	\$471.100	\$631.800	28.4%
Local	\$364.380	\$123.975	\$488.355	21.9%
Total	\$648.460	\$1,578.300	\$2,226.760	100.0%

All amounts in millions of dollars

Funding Overview - continued

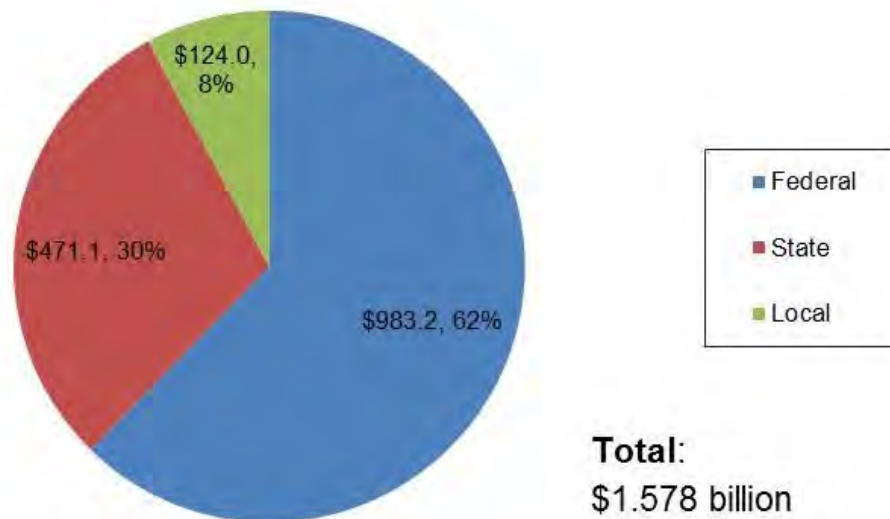
Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2
(\$ in millions)



Central Subway Project Funding

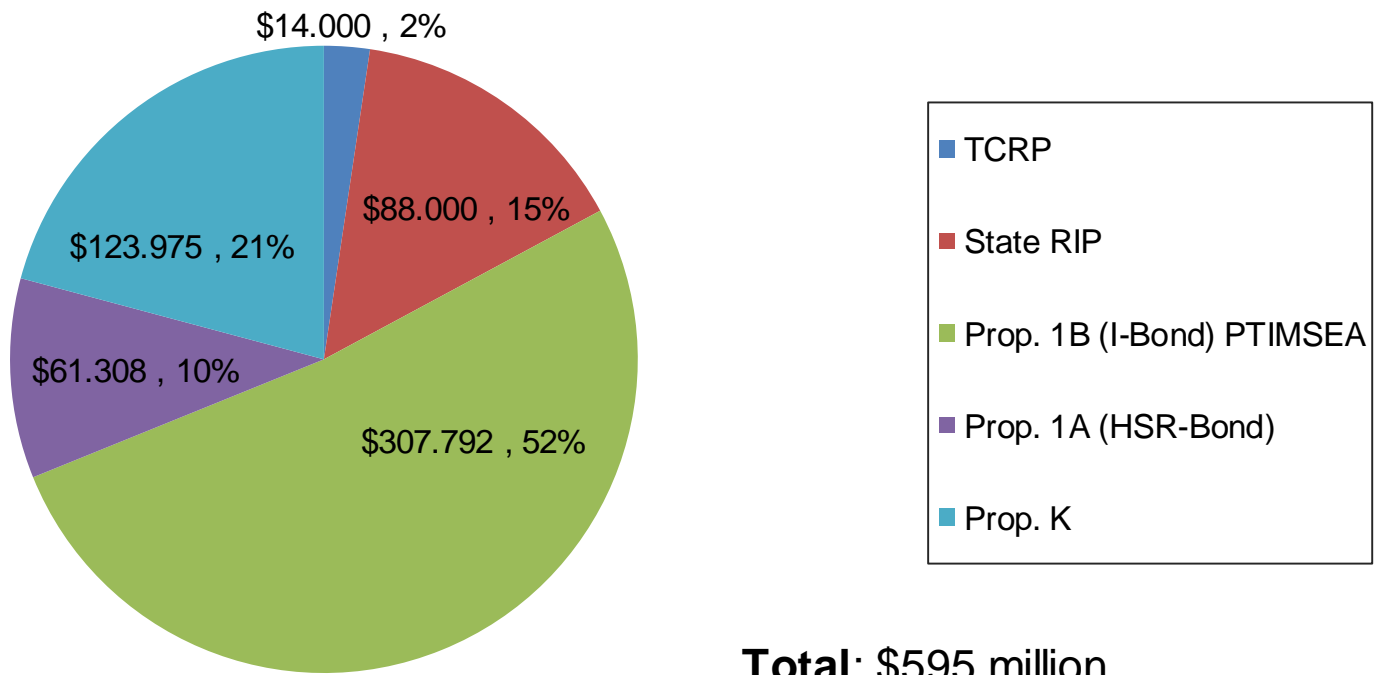
Phase 2
(\$ in millions)



Funding Overview - continued

State and Local Funding

Phase 2
(\$ in millions)



Appendix D

COMPLETED CONTRACTS

Moscone Station and Portal Utility Relocation

Contract 1250

Contractor: Synergy Project Management, Inc.

Budget/Expenditures

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

Contract Details

Contract Awarded: November 17, 2009

Notice to Proceed: January 4, 2010

Substantial Completion: June 23, 2011

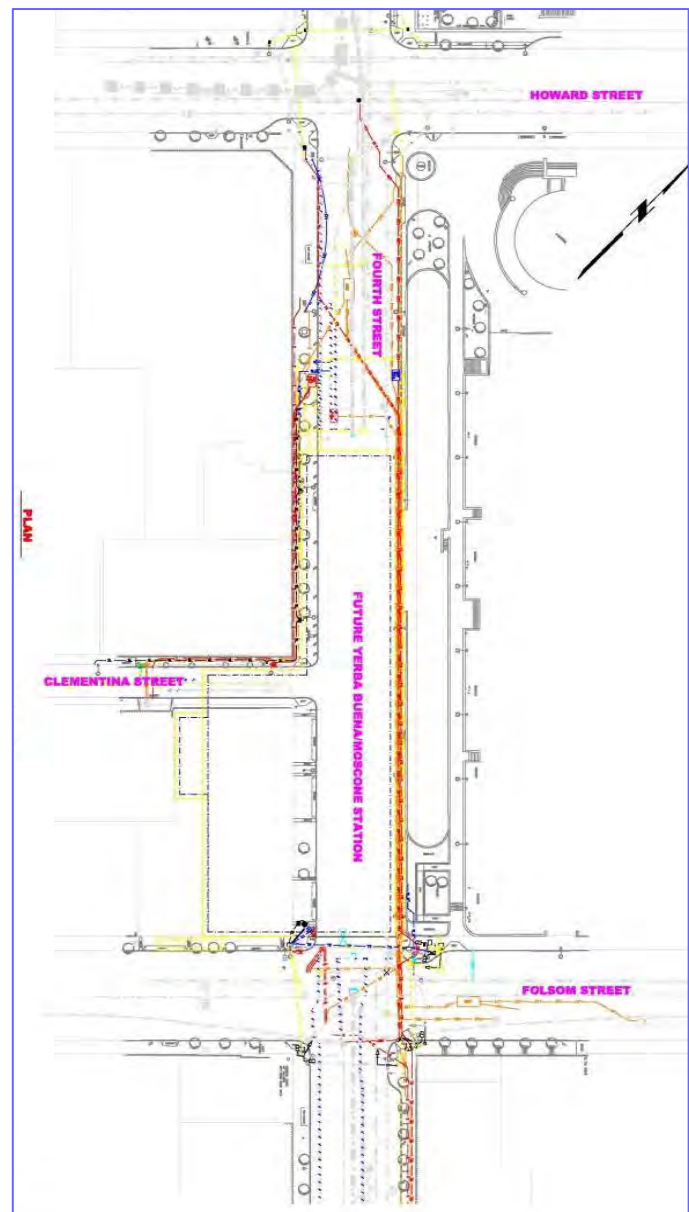
Contract Award Value: \$ 9,273,939

Modifications Final : \$ 2,694,211

Final Contract Value: \$11,968,150

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.



Status

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

Union Square/Market Street Station Utility Relocation

Contract 1251

Contractor: Synergy Project Management, Inc.

Budget/Expenditures

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

Contract Details

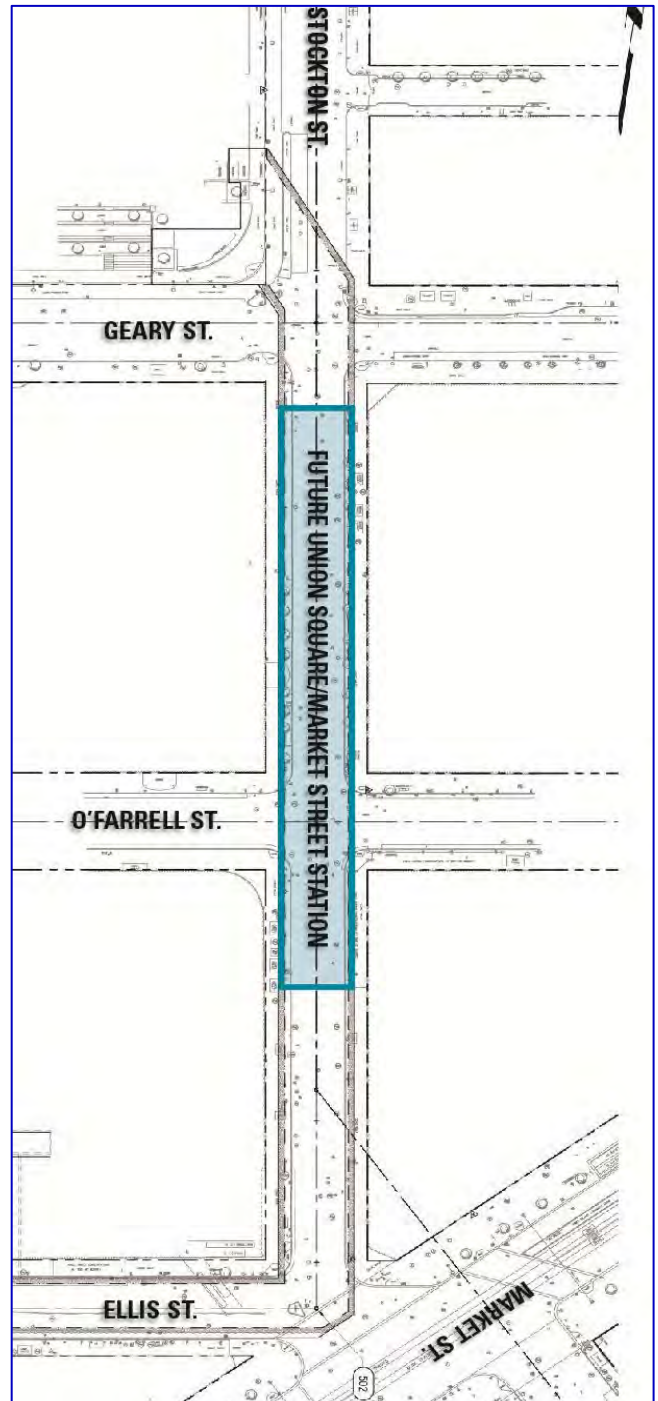
Contract Awarded:	December 7, 2010
Notice to Proceed:	January 12, 2011
Substantial Completion:	August 16, 2012
Contract Award Value:	\$16,832,550
Modifications Final:	\$3,962,031
Final Contract Value:	\$20,794,581

Status

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

Description

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



Central Subway Pagoda Palace Demolition

Contract 1277 Contractor: MH Construction

Work Description

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

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

Contract Details	
Contract Awarded:	June 12, 2013
Notice to Proceed:	July 15, 2013
Substantial Completion:	Sept. 24, 2013
Contract Award Value:	\$498,995
Modifications to Date:	\$108,228
Current Contract Value:	\$607,223

Budget/Expenditures	
Category	Amount
Current Budget	\$722,592
Expenditures to Date	\$567,366



Appendix E

SBE PARTICIPATION

Appendix E is updated and issued quarterly.

Current Report: as of 4th Qtr. 2014, Oct. - Dec. 2014.

Published in January for use through March 2015.

Next Report: as of 1st Qtr. 2015, Jan. to Mar. 2015.

To be published in April for use through June 2015.

December 2014 Report Corrections:

- 1. CS Program SBE Summary Table was revised to update columns A, B, and C.*
- 2. Active Professional Services Contracts Table was revised to update the Hill International “Expended to Date” total was an inadvertent error in the data received from the contractor. The Expended to Date value should have been \$7,865,085 not \$9,044,693.82.*
- 3. Active and Completed Construction Contracts Table was revised to update Contract 1277, Contract 1252 and Contract 1300 contract cost.*

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 December 31, 2014.¹ Appendix E tables are updated quarterly with the next update in the March report to be published in April 2015.

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)	
A Project Professional Services Contracts			<i>millions</i>		<i>millions</i>		<i>millions</i>		<i>millions</i>	
1	149	CS Partnership	Project Management	\$85.14	30%	\$46.30	36%	\$25.54	\$16.69	31.4%
2	156	Hill International	Project Controls Task 1	\$17.11	26%	\$7.87	22%	\$4.45	\$1.71	26.0%
3	155-1	PB Telemon	Tunnels Design	\$7.49	30%	\$7.65	30%	\$2.25	\$2.33	31.6%
4	155-2	CS Design Group	Stations Design	\$36.52	30%	\$28.40	44%	\$10.96	\$12.38	36.4%
5	155-3	HNTB, Inc.- B&C	Systems, Track & Surface Station Design	\$17.23	30%	\$12.04	29%	\$5.17	\$3.50	30.0%
<i>Subtotal Professional Services</i>				<i>\$163.50</i>		<i>\$102.25</i>		<i>\$48.36</i>	<i>\$36.61</i>	
B Project Construction Contracts			<i>millions</i>		<i>millions</i>		<i>millions</i>		<i>millions</i>	
1	1250	Synergy Inc	Utility Relocation 1	\$11.97	20%	\$11.97	97.2%	\$2.39	\$11.63	96.4%
2	1251	Synergy Inc	Utility Relocation 2	\$20.79	20%	\$20.79	87.4%	\$4.16	\$18.18	94.9%
3	1252	BH	Tunnels and Portal - in Construction	\$241.08	6%	233.57	5.8%	\$14.47	\$13.62	6.1%
4	1277	MH Construction	Pagoda Demolition	\$0.68	100%	\$0.64	98.7%	\$0.68	\$0.63	100.0%
5	1300	Tutor-Perini	Stations/Track/Systems - in Construction	\$838.09	20%	\$210.17	7.2%	\$167.62	\$15.14	25.5%
<i>Subtotal Construction Contracts</i>				<i>\$1,112.61</i>		<i>\$477.14</i>		<i>\$189.31</i>	<i>\$59.20</i>	
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

¹ An SBE is a for-profit, small business concern with a three (3) year average gross revenue not exceeding \$14 million or \$12 million, depending on the scope of work to be performed, that is certified under any of the following programs: the State of California’s Small Business Program with the Department of General Services (“State Program”), the City and County of San Francisco’s LBE Program (“City Program”), or the California Unified Certification Program (“Federal DBE program”). This is the SBE definition used by SFMTA Contract Compliance 2014.

Applications and Contractor's monthly submittals that may include the current estimated accruals. The BIH SBE percent is from the contractor's progress payment #34, Form 6.

- c) Column G, the last column, 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 January 2014. 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 – see *the August Correction Notice on the cover page of Appendix E*.
- e) The SBE Hill International Actual to Date SBE participation is 38% for the overall SFMTA contract – exceeding the SFMTA SBE goal. The Hill International data above 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 #12, SFMTA SBE FORM No. 6, submitted in December 2014.
- 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

		As of:	12/31/2014 *
Contract:	Project Management and Construction management		
Contract No.	CS-149 Central Subway Partnership		
Status:	On-going		
	Base Contract Value		\$85,139,092
	Approved Change Orders		-0-
	Current Contract Value		\$85,139,092
	Expended to Date (est.)		\$46,300,000
	- Project Management (40%)		\$18,520,000
	- Construction Management (60%)		\$27,780,000
	% Expended		54.4%
	SBE Participation		36.0%
Contract:	Project Controls Cost and Schedule Support		
Contract No.	CS 156 Hill International Task 1		
Status:	On-going		
	Base Contract Value		\$17,112,873
	Approved Change Orders		-0-
	Current Contract Value		\$17,112,873
	Expended to Date (est.) (a)		\$7,865,085
	% Expended		46.0%
	SBE Participation		21.8%
Contract:	Design Package 1 for CNs 1250, 1251 and 1252 Tunnels		
Contract No.	CS-155-1 PB / Telemon		
Status:	Design is completed. Construction support ongoing		
	Base Contract Value		\$5,795,000
	Approved Change Orders (6)		\$1,697,245
	Current Contract Value		\$7,492,245
	Expended to Date (est.)		\$7,649,628
	% Expended		102.1%
	SBE Participation		30.4%
Contract:	Design Package 2 for 1253 UMS, 1254 CTS, 1255 YBM Stations.		
Contract No.	CS-155-2 Central Subway Design Group		
Status:	Design is completed. Construction support ongoing		
	Base Contract Value		\$35,059,252
	Approved Change Orders (1)		\$1,460,360
	Current Contract Value		\$36,519,612
	Expended to Date (est.)		\$28,399,550
	% Expended		77.8%
	SBE Participation		43.6%
Contract:	DP 3 Systems, Track work, Surface station.		
Contract No.	CS-155-3 HNTB-B&C		
Status:	Design is completed. Construction support ongoing		
	Base Contract Value		\$16,822,238
	Approved Change Orders (5)		\$312,814
	Current Contract Value		\$17,232,252
	Expended to Date (est.)		\$12,039,032
	% Expended		69.9%
	SBE Participation		29.1%

Note: See correction notice on Appendix E cover page.

Active and Completed Construction Contracts - SBE Participation Details

	Data as of:	12/31/2014
	*Revised as of:	1/31/2015
Contract:	Synergy Inc Utility Relocation 1 YBM & Launch	
Contract No.	1250	
Status:	Contract is completed and closed out	
	Base Contract Value	\$9,273,939
	Approved Change Orders	\$2,694,211
	Final Contract Value	\$11,968,150
	% Expended	100%
	SBE SFMTA Goal	20%
	SBE Participation To Date	97%
Contract:	Synergy Inc Utility Relocation 2 UMS	
Contract No.	1251	
Status:	Contract is completed and closed out	
	Base Contract Value	\$16,832,550
	Approved Change Orders	3,962,031
	Final Contract Value	\$20,794,581
	% Expended	100%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	87.4%
Contract:	Pagoda Palace Demolition / MH Construction	
Contract No.	1277*	
Status:	Construction is complete. Contract in Close Out	
	Base Contract Value	\$498,995
	Approved Change Orders	\$179,139
	Current Contract Value	\$678,134
	Expended to Date (est.)	\$638,278
	% Expended	94.12%
	SBE SFMTA Goal	100.0%
	SBE Participation To Date	127.9%
Contract:	Tunnels Barnard/Impregilo/Haley	
Contract No.	1252*	
Status:	Construction is underway and ongoing	
	Base Contract Value	\$233,584,015
	Approved Change Orders	\$7,500,318
	Current Contract Value	\$241,084,333
	Expended to Date (est.)	\$233,566,948
	% Expended	96.9%
	SBE SFMTA Goal	6.0%
	SBE Participation To Date	5.8%
Contract:	Stations and Systems / Tutor Perini	
Contract No.	1300*	
Status:	Construction is underway and ongoing	
	Base Contract Value	\$839,676,395
	Approved Change Orders	(\$1,587,912)
	Current Contract Value	\$838,088,483
	Expended to Date (est.)	\$210,172,419
	% Expended	25.1%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	7.2%

Photos on the next page:

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

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

central subway

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