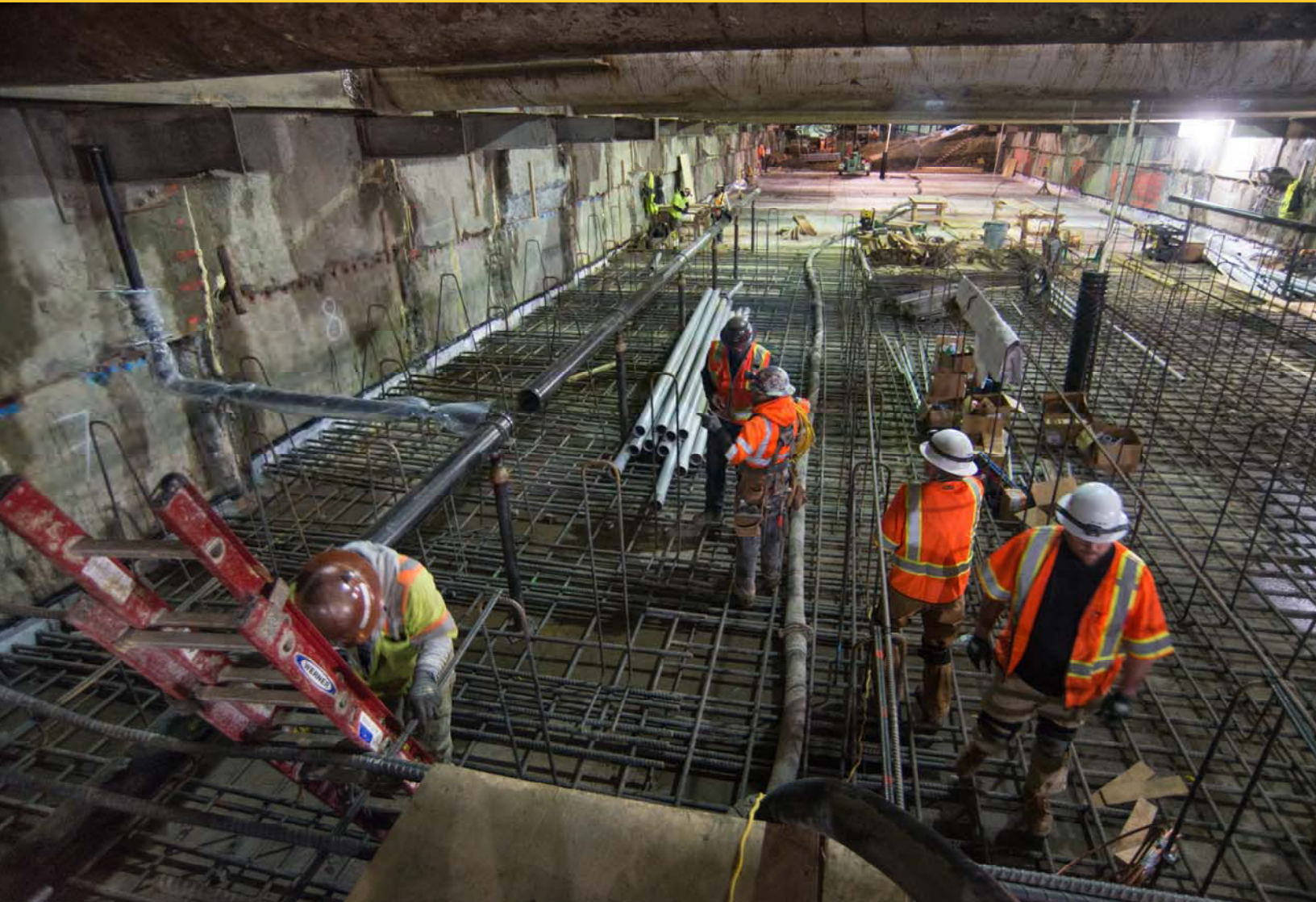


central subway

Building the YBM Invert

Working from north to south inside the station box, workers are constructing the future station platform floor structure.



Progress Report

January 2017



SFMTA
Municipal
Transportation
Agency

This page intentionally left blank

Table of Contents

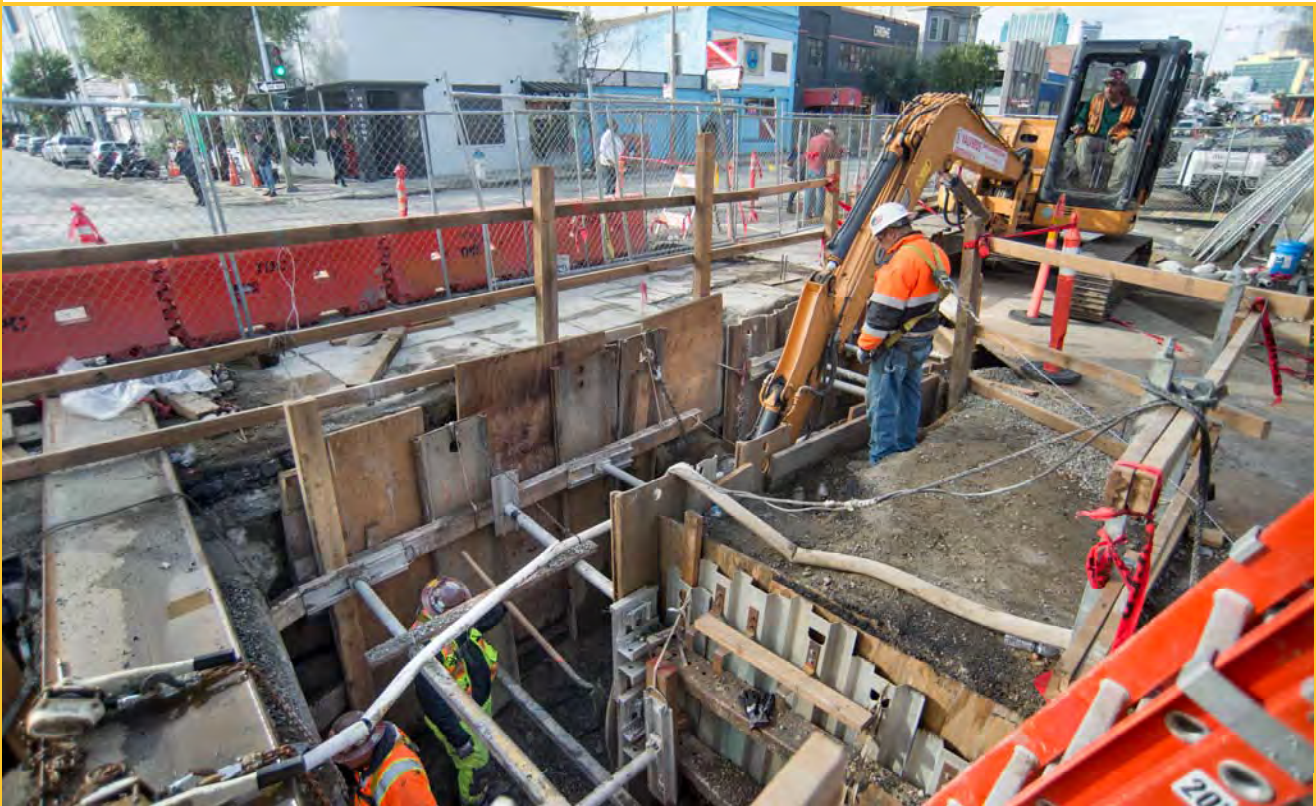
Executive Summary	5
Key Milestones	6
Costs and Schedule	7
Costs	7
Earned Value Analysis	7
Schedule Highlights.....	8
Master Project Schedule	11
Contracts & Construction	12
Contract 1300 Stations, Surface, Track and Systems.....	13
Work Package1254 Chinatown Station	14
Work Package1253 Union Square / Market Street Station	17
Work Package1255 Yerba Buena / Moscone Station	20
Work Package1256 Systems, Trackwork & Stations	23
Program Components	26
Community Outreach	26
Quality Assurance	27
Risk Management	30
Program Safety & Security	31
Technical Capacity	33
Staffing	34
Third-Party Agreements and Licenses	35
LRV Procurement.....	35
Current Construction Activity and Progress Photos	36

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

Table of Contents - continued

Appendices

Appendix A: Cost Report.....	A1
Appendix B: Schedule Report.....	B1
Appendix C: Program Overview of Scope and Funding.....	C1
Appendix D: Completed Contracts	D1
Appendix E: SBE Participation by Contract (Reported Quarterly)	E1
Central Subway Project Contact Information.....	E5



Cover photo: Workers return from lunch to resume installation of the massive re-bar cage for the platform level's invert slab at the north end of the station box. When finished, this invert or floor slab, will be over five feet thick, to carry the weight of trains passing over it, and provide additional structural stability for the station box **More photos can be found starting on page 36.**

Above photos: An excavator is used to carefully remove excavated material from a utility trench at the 4th and Brannan intersection, while also helping to move heavy materials into place. Crews here have been busy installing all manner of utilities, including high-pressure water lines, sewers, and conduits.

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.centalsubwaysf.com/>



A worker installs rebar and vinyl waterproofing gaskets at the edge of a large rebar cage taking shape as part of the construction of the station box invert.

Executive Summary

Continued excavation at YBM, UMS and CTS Stations as we advance to the respective station inverts. STS continues tunnel invert drain pipe and catch basins installations in the Southbound and Northbound tunnels.

Chinatown Station - Headhouse excavated to 16' below Temp Level 5.0 walers and struts. Breakout/excavation of the Platform Caverns (North and South) continues, Right Side Drift and Left Side Drift for both headings. Incidental street work (minor), ongoing monitoring and surveying. Smoothing layer (for waterproofing prep) completed for the North Emergency Egress (NEE) Shaft and Tunnel. Completed PG&E street work in Stockton/Washington St intersection.

Union Square/Market Street Station - North Concourse: Install utilities. Platform Station: Continue to excavate below intermediate strut level and install structural steel. South Concourse/Ellis St: Pour concrete slabs at South Concourse, continue with backfilling Ellis Street. UMS North Entrance—Slab on Grade Completed. Erection of structural steel commenced. Underground Storage tanks removed from Fan Level Trench area. Union Square Garage Ramps - PCC-144- Completed restoration work on the new garage ramps.

Yerba Buena/Moscone Station - Completed demolition on west side of 4th Street south of Howard Utility work, including catch basin and sewer sleeve near Stair #1 in progress on west side of 4th Street. Street and sidewalk restoration in progress on west side of 4th Street south of Howard Street intersection. Excavation to Invert level beneath Temporary Strut Level 6 is in progress. Placement of waterproofing and 2 of 3 mud slabs within station box at Invert Level is in progress. Preparation for placement of concrete in Invert Level section 1 of 6 is in progress. Installation of metal stairs at Stair 1 and Stair 4 are in progress. Interior CMU wall placements in Concourse and Mezzanine Level is complete.

Surface, Track and Systems— Continued 36" sewer rehabilitation. Continued 48" sewer installation. Completed train drain and tunnel invert construction. Continued MRY ductbank installation. Continued AWSS installation. Continued pavement renovation.

Tunnel - Contract administrative closeout is ongoing.

Total project costs to date are \$1,025.99 million, an increase of \$9.22 million over last month. The total cost to date equals 65.01% of the total project budget of \$1.578 billion. The Master Project Schedule forecasts a Revenue Service Date of October 2019.

The Stations Contractors' Safety Reports shows that one recordable accident took place this month. The rates of work site accident incidents by the man hours worked, continue to be below industry standards - see tables on page 32.

Key Milestones

Constructing the station box invert

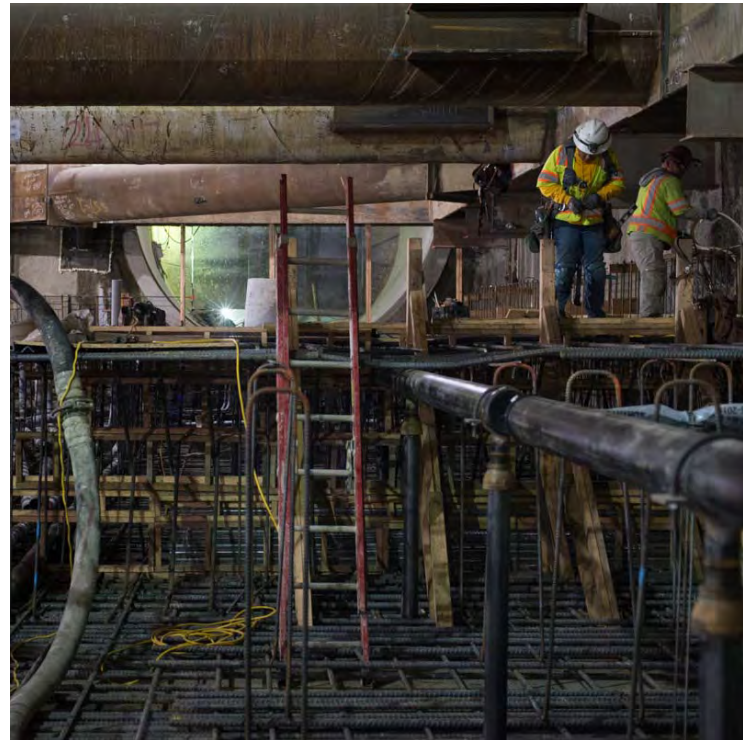


1 The station box is graded



2 A smooth "rat slab" is poured into place, and waterproofing is installed

MILESTONE	DATE EXPECTED
General	
Revenue Service	October 2019
Contract 1300 Stations, Surface, Track, Systems	
Notice to Proceed (NTP 1)	June 17, 2013 (A)
Notice to Proceed (NTP 2)	January 12, 2014 (A)
Substantial Completion	February 10, 2018



3 Workers assemble the rebar cage on section at a time

Costs and Schedule

Costs (See Appendix A for Details)

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

Total net incurred costs for the project are \$1,025.99 million, a \$9.22 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$990.72 million) plus the utilities joint trench Form B Reimbursement payment (\$11.12 million), invoices currently being processed (\$20.70 million) and estimates of outstanding pay requests (\$3.45 million). This incurred amount equals 65.01% of the total project budget of \$1.578 billion.

The current funding level to date is \$1,329.79 million. This represents 84% of the total project budget.

Earned Value Analysis

In January 2017 Report, the Preliminary Earned Value Analysis reports is based on the SFM-TA October Schedule Update. The Planned Value, Earned Value, Actual Cost, Percent Complete and resulting indexes as follows:

Preliminary January Earned Value

Overall Budgeted Cost:	\$1,578,300,000
Planned Value:	\$1,323,191,958
Earned Value:	\$1,022,905,604
Actual Cost:	\$1,025,991,679
Schedule Performance Index (SPI):	0.77
Cost Performance Index (CPI):	1.00
Percent Complete:	64.8%

Schedule Highlights

The Master Project Schedule (MPS) below includes progress through January 2017. The January 2017 Schedule Update submittal from Contract 1300 Contractor was not submitted due previous update corrections that needed to be completed before TPC provide the January update. The Contract 1300 schedule represented in this report is based on the SFMTA January 2017 Schedule Update.

The MPS shows a forecast Revenue Service Date of October 2019.

The controlling critical (longest) path of the MPS runs through CTS Excavation succeeded by STS Startup & Testing, Commissioning and Pre-Revenue Activities to the Baseline Finish and Revenue Service Date. See Appendix B – Longest Path. The latest schedule shows the longest path running through the Chinatown Station (CTS). Contractor is required to implement a Recovery Schedule to put the Project back on schedule.

Schedule Contingency is fully utilized on the critical path of the MPS, which is below the Minimum Schedule Contingency level of 6 months. A schedule re-evaluation will be performed, utilizing the updated Contract 1300 Schedule. Recovery options are being implemented in key areas as work proceeds. SFMTA continues to meet with Contractor to discuss all schedule concerns and comments. Excavation and Support of the Top Right Heading & Bench continues with lower than expected level of production. Despite expected ground conditions as described in the GBR, TPC's mining productivity has not been as planned. TPC has continued the mitigation effort to institute two-twelve hours shifts or six days per week, in an effort to recover some lost time. Contract 1300 Schedule shows 24 days of delay in January with a new forecasted Revenue Service Date of 04 October 2019

Contract 1300 Contractor submitted twenty-four (24) Schedule Updates from December 2014 to November 2016. SFMTA rejected fourteen (14) Schedule Updates from September 2015 to April 2016 and June to November 2016. Contractor has not submitted December 2016 and January 2017 Schedule Updates. SFMTA approved as noted the May 2016 Schedule Update. Contractor has been directed to develop a Recovery Schedule as required by Contract and correct out-of-sequence and Retained Logic driving many of the forecast dates. Review of schedule updates as well as identifying recovery options is ongoing.

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

The Contractor, Tutor Perini Corporation's (TPC) baseline schedule is incorporated into the master program schedule. The preliminary SFMTA Contract 1300 January 2017 schedule is used within the January Report. The SFMTA Contract 1300 January 2017 schedule is based on the approved baseline schedule logic with adjustments made for fixing retained logic and lags. The SFMTA will continue to use the SFMTA Contract 1300 schedule update as a forecasting tool going forward until the Contract 1300 Contractor submits an acceptable schedule that addresses all of SFMTA scheduling concerns.



On the upper two levels of the station box, workers have been constructing interior stairwells at the north and south ends.

Schedule Highlights - Continued

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

- Head house- excavated to 16' below Temp Level 5.0 walers and struts
- Breakout/excavation of the Platform Caverns (North and South) continues, Right Side Drift and Left Side Drift for both headings
- Incidental street work (minor), ongoing monitoring and surveying
- Smoothing layer (for waterproofing prep) completed for the North Emergency Egress (NEE) Shaft and Tunnel
- Completed PG&E street work in Stockton/Washington St intersection

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

- North Concourse: Install utilities. Continue and complete chipping of north headwall.
- Platform Station: Continue to excavate below intermediate strut level and install structural steel. Complete excavation and continue with steel installation at Emergency Egress Stairs 3&4 on O'Farrell Street
- South Concourse/Ellis St: Pour concrete slabs at South Concourse, continue with backfilling Ellis Street
- UMS North Entrance – Slab on Grade Completed. Erection of structural steel commenced. Underground Storage tanks removed from Fan Level Trench area
- Union Square Garage Ramps - PCC-144- Completed concrete restoration work on new garage ramps

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

- Completed demolition on west side of 4th Street south of Howard
- Utility work, including catch basin and sewer sleeve near Stair #1 in progress on west side of 4th Street
- Street and sidewalk restoration in progress on west side of 4th Street south of Howard Street intersection
- Excavation to Invert level beneath Temporary Strut Level 6 is in progress
- Placement of waterproofing and 2 of 3 mud slabs within station box at Invert Level is in progress
- Preparation for placement of concrete in Invert Level section 1 of 6 is in progress
- Installation of metal stairs at Stair 1 and Stair 4 are in progress
- Interior CMU wall placements in Concourse and Mezzanine Level is complete

Schedule Highlights - Continued

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

- Continued 36" sewer installation at 4th/Brannan intersection
- Continued MRY ductbank at 4th/Townsend intersection
- Continued pavement renovation on 4th Street between King and Welsh
- Completed track drain and tunnel invert construction
- Continued AWSS lateral installation on 4th Street between Welsh and Freelon
- Continued water line installation at 4th/Townsend
- Started 36" sewer installation at 4th/Welsh intersection
- Started 48" sewer installation at 4th/Welsh intersection
- Started invert slab construction at tunnel portal

Master Project Schedule

Activity ID	Activity Name	Original Start	Original Duration	Finish	2017				2018				2019				2020			
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
CENTRAL SUBWAY PROJECT					CENTRAL SUBWAY PROJECT															
Program Level Milestones					Program Level Milestones															
PJ01000	Central Subway Project Start	05-Jun-03 A	432	04-Oct-19																
M50004A	Tunnel Excavation Complete - Project Milestone #4A	05-Jun-03 A	0	05-Sep-14 A																
M50019	Baseline Finish Date: 12-26-2018		0	04-Oct-19*																
M50009	C&P Revenue Service Date		0	04-Oct-19*																
Preliminary Engineering Phase					Preliminary Engineering Phase															
Final Design					Final Design															
Light Rail Vehicles					Light Rail Vehicles															
Real Estate					Real Estate															
Construction Phase					Construction Phase															
Construction Support and Costs					Construction Support and Costs															
Construction Utility Contract #1 - MOS & Portal CN-1250					Construction Utility Contract #1 - MOS & Portal CN-1250															
Construction Utility Contract #2 - UMS CN-1251					Construction Utility Contract #2 - UMS CN-1251															
Construction Tunnels CN-1252					Construction Tunnels CN-1252															
Construction CN-1300					Construction CN-1300															
CN - 1300 Milestone					CN - 1300 Milestone															
Construction UMS Station P-1253					Construction UMS Station P-1253															
Construction CTS Station P-1254R					Construction CTS Station P-1254R															
Construction YBM Station P-1255					Construction YBM Station P-1255															
Construction STS P-1256					Construction STS P-1256															
Project Start Up					Project Start Up															
Unallocated Contingency					Unallocated Contingency															
CO1700	Cost Activity Unallocated Contingency [LOE] - 17,500,000.00 - Contingency	23-Apr-19	115	04-Oct-19																



Workers move a shotcrete spraying machine out of the right side drift to the north platform cavern for maintenance.

Contracts & Construction

Construction Contracts In Progress

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

- Contractor: Tutor - Perini Corporation
- Amount: \$844.99 million
- Contract Status: 53.68% 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 1252: Central Subway Tunneling

Contract SBE Participation (Updated Quarterly) [See Appendix E](#)

Stations, Surface, Track and Systems

Contract 1300 Contractor: Tutor-Perini Corporation

Description of Work

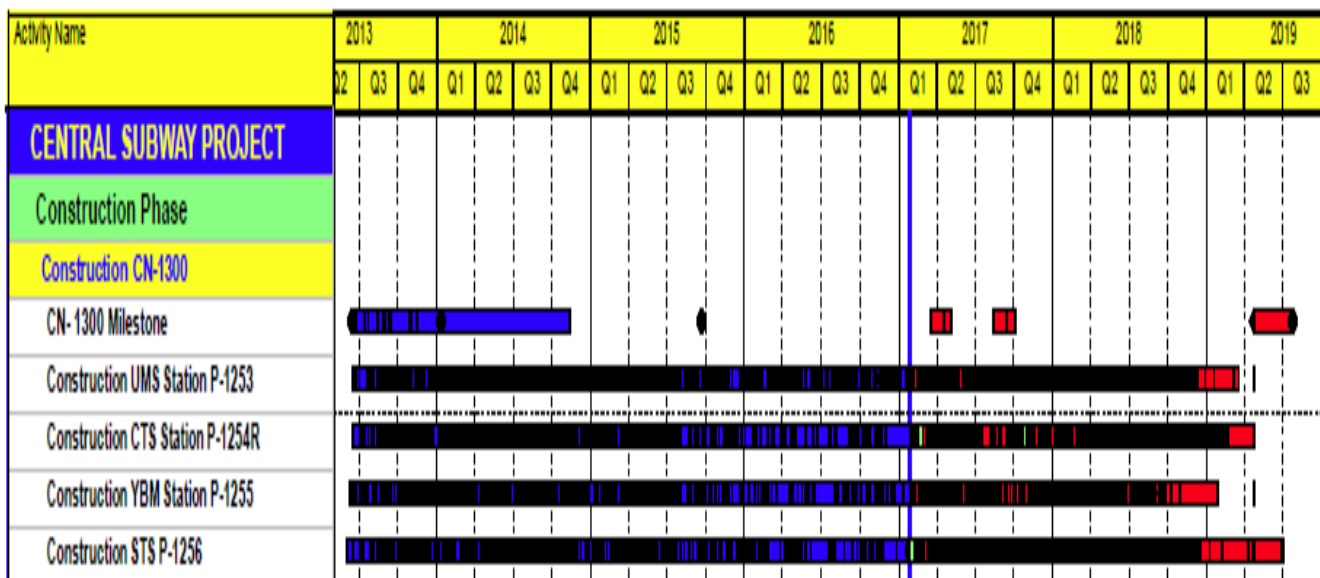
The Contract 1300 scope is to construct the Central Subway's three subway stations, one surface station, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

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

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$839,676,400
Modifications to Date:	\$5,312,245
Current Contract Value :	\$844,988,645

Budget/Expenditures▲	
Current Budget	\$879,676,400
Other Project Offset Credits	\$2,960,721
Expenditures to Date	\$455,886,204

1300 Summary Schedule



Chinatown Station

Contract 1300 - Work Package 1254R



Current Work Status

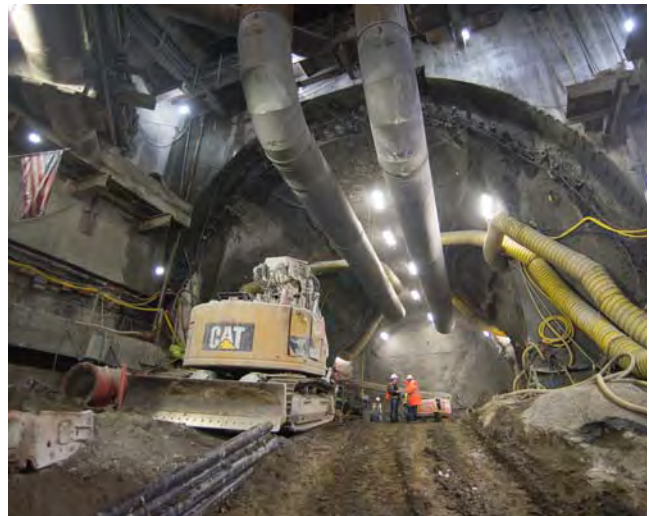
- Head house- excavated to 16' below Temp Level 5.0 walers and struts
- Breakout/excavation of the Platform Caverns (North and South) continues, Right Side Drift and Left Side Drift for both headings
- Incidental street work (minor), ongoing monitoring and surveying
- Smoothing layer (for waterproofing prep) completed for the North Emergency Egress (NEE) Shaft and Tunnel
- Completed PG&E street work in Stockton/ Washington St intersection

Work Expected Next Month

- Prepare for Chinese New Year Moratorium in vicinity of North Emergency Egress Shaft
- Platform Caverns (North and South) – continue with excavation of Left and Right Side Drifts top heading, bench, and temporary invert
- Joint trench work along Chinese United Methodist Church on Washington Street to begin

Description of Work

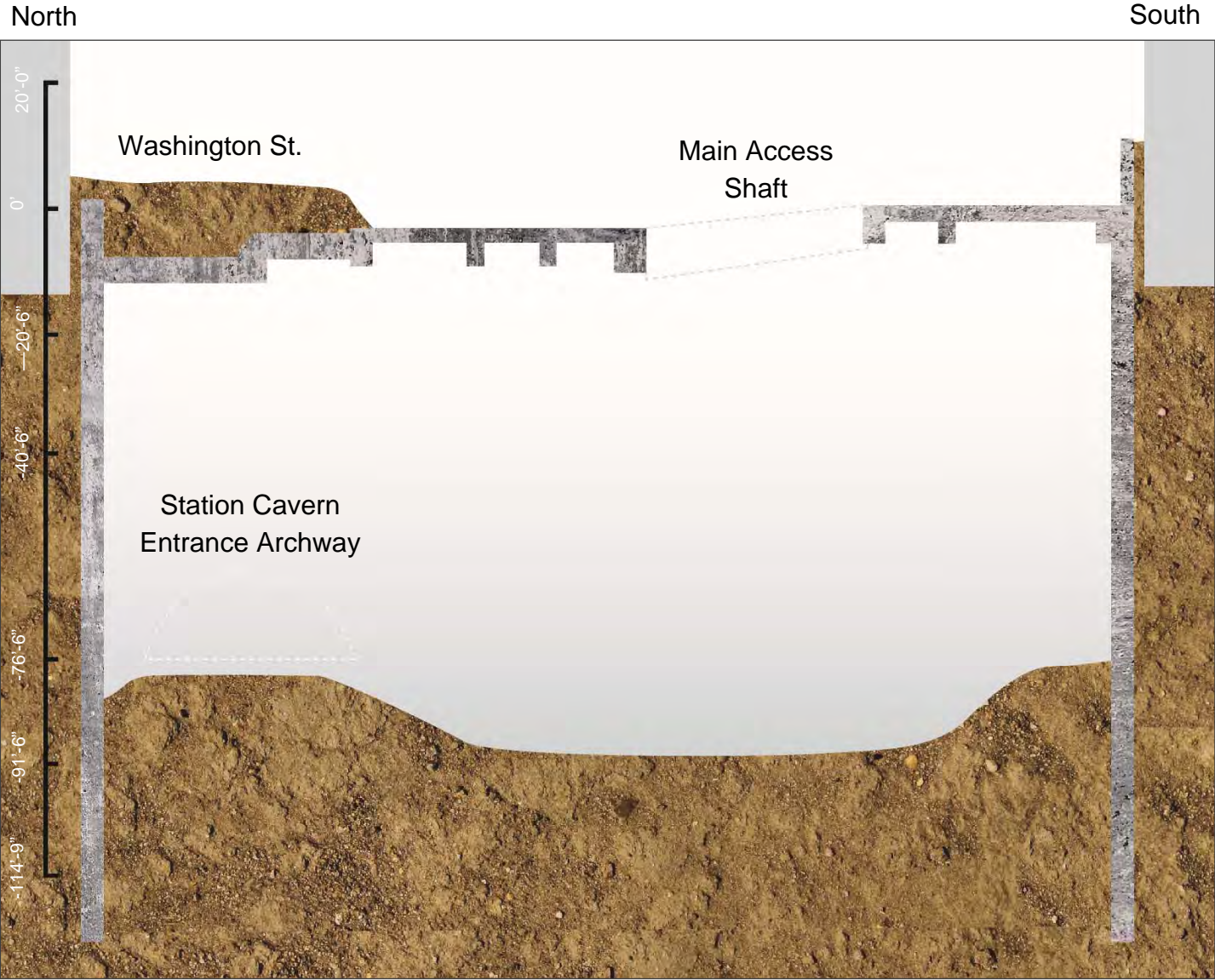
This Work Package is to construct one subway station. Includes station finishes, AC and DC Traction Power substations elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, slurry wall top-down construction, settlement monitoring, building protection, PA,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



Three Month Look Ahead

- Head house: Provide logistic support area for tunnel excavation
- North and South Platform Cavern excavation will be ongoing

Station Excavation and Construction Progress Section

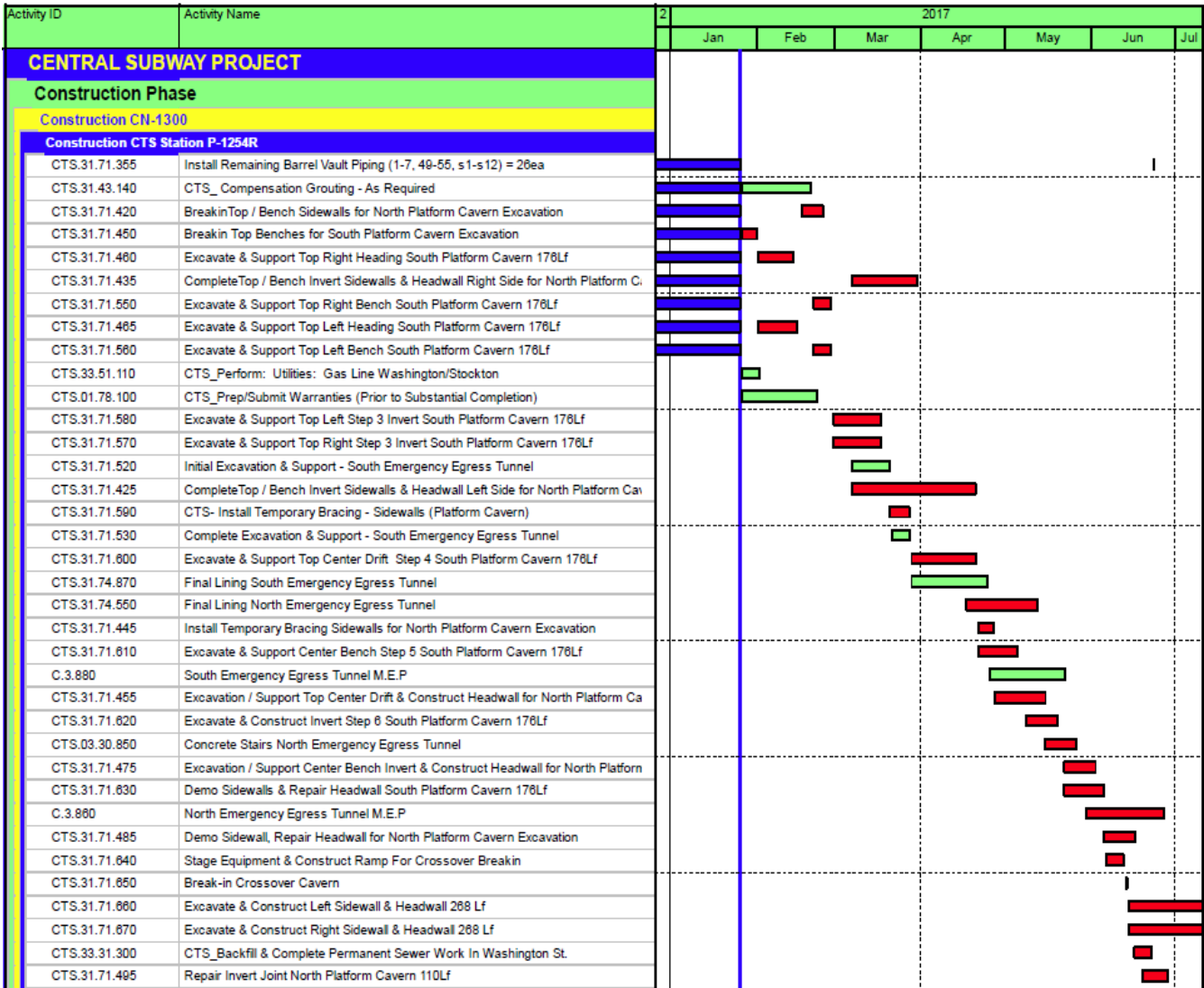


Chinatown Station Construction Status - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$247,567,810
Modifications to Date:	\$2,859,843
Current Contract Value:	\$250,427,653

Budget/Expenditures ▲	
Current Budget	\$257,567,810
Other Project Offset Credits	\$54,488
Expenditures to Date	\$127,931,686

CTS Three Month Schedule



Union Square/Market Street Station

Contract 1300 Work Package 1253

Description of Work

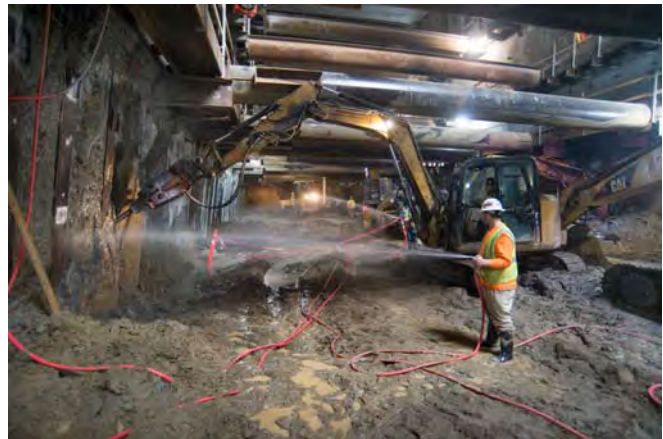
This Work Package is to construct one subway station. Includes station finishes, AC and DC Traction Power substations elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, slurry wall top-down construction, settlement monitoring, building protection, PA,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

Current Status This Month

- North Concourse: Install utilities. Continue and complete chipping of north headwall.
- Platform Station: Continue to excavate below intermediate strut level and install structural steel. Complete excavation and continue with steel installation at Emergency Egress Stairs 3&4 on O'Farrell Street
- South Concourse/Ellis St: Pour concrete slabs at South Concourse, continue with backfilling Ellis Street
- UMS North Entrance – Slab on Grade Completed. Erection of structural steel commenced. Underground Storage tanks removed from Fan Level Trench area
- Union Square Garage Ramps - PCC-144-Completed concrete restoration work on new garage ramps

Work Expected Next Month

- Nighttime lane closures expected for utility work
- North Concourse: Continue to install utilities. Excavation and structural steel deliveries and installation resumes
- Platform Station: Continue to excavate and install structural steel support system. Excavate and install support in Emergency Egress Stairs 3&4 on O'Farrell Street
- Ellis Annex: Install OCS overhead cables and permanent poles, lightweight concrete, and backfill. Install utilities on Ellis Street
- UMS North Entrance – Continue structural steel erection. Commence excavation of Fan Level Trench along GL 17
- Union Square Garage – complete testing and



commissioning of new fire and life safety devices within garage

Three Month Look Ahead

- Platform Station: Continue install utilities and restore street; dewatering; install permanent wales; excavate bench; install studs, mesh, drain pipe & shotcrete pile walls
- Access Shaft: bottom out access shaft excavation. Install invert slab
- UMS North Entrance – Complete structural steel, surface level deck, and fan level trench excavation. Union Square Garage – Open new ramp for public use

Station Excavation and Construction Progress Section

North

South



Union Square Market Street Station Construction - Continued

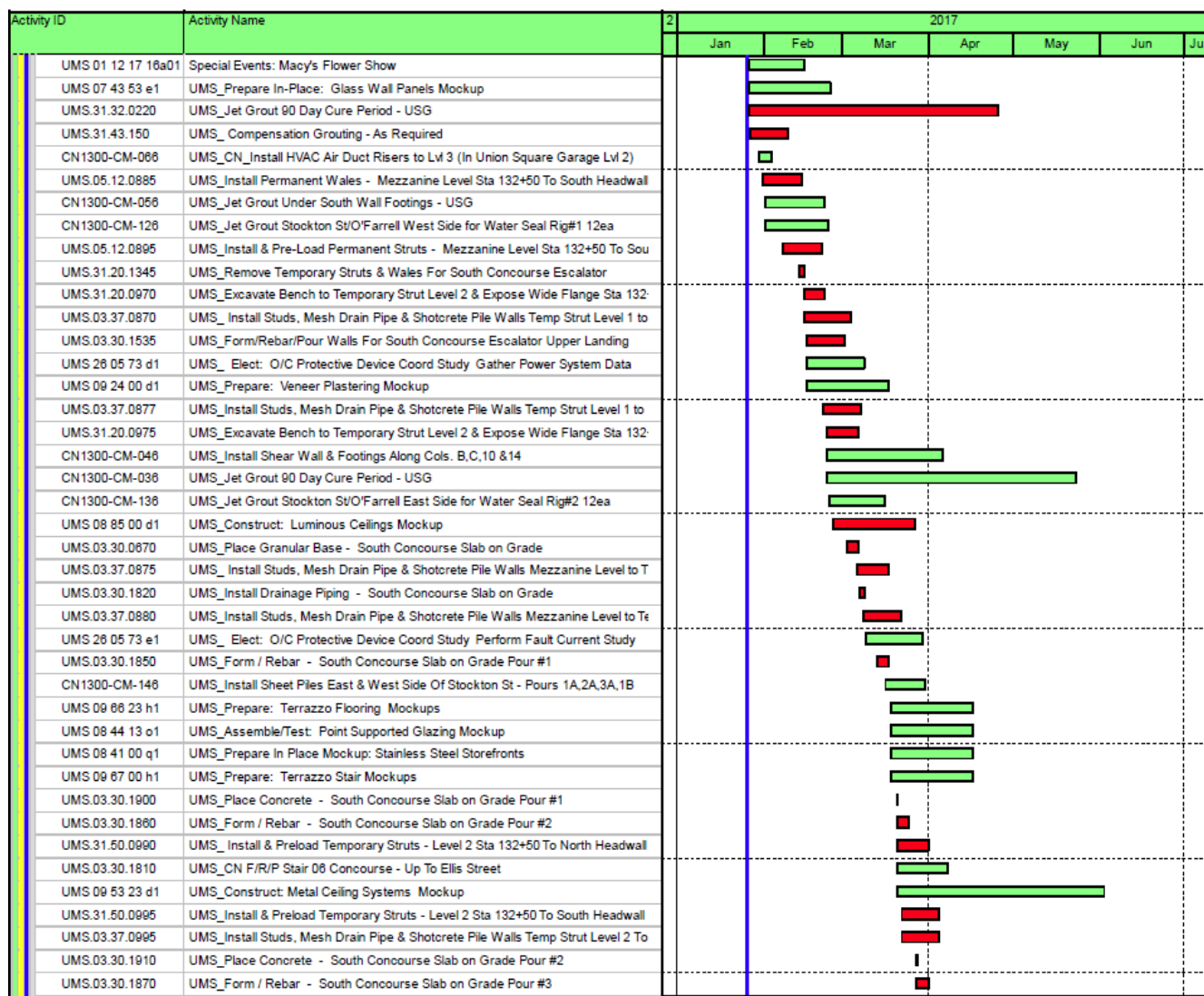
Contract Details

Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$294,030,590
Modifications to Date:	\$1,117,152
Current Contract Value:	\$295,147,742

Budget/Expenditures ▲

Current Budget	\$314,030,590
Expenditures to Date	\$182,249,879

UMS Three Month Schedule



Schedule: Contract 1300 January 2017 Update

Yerba Buena/Moscone Station

Contract 1300 - Work Package 1255



Current Status

- Completed demolition on west side of 4th Street south of Howard
- Utility work, including catch basin and sewer sleeve near Stair #1 in progress on west side of 4th Street
- Street and sidewalk restoration in progress on west side of 4th Street south of Howard Street intersection
- Excavation to Invert level beneath Temporary Strut Level 6 is in progress
- Placement of waterproofing and 2 of 3 mud slabs within station box at Invert Level is in progress
- Preparation for placement of concrete in Invert Level section 1 of 6 is in progress
- Installation of metal stairs at Stair 1 and Stair 4 are in progress
- Interior CMU wall placements in Concourse and Mezzanine Level is complete

Work Expected Next Month

- Continue interior finishes on Mezzanine & Concourse Levels
- Continue excavation to Invert Level beneath Level 6 Temporary Struts
- Continue installation of mud slab, waterproofing, and protective concrete for Invert slab sections 2 through 6 within Station Box

Description of Work

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



- Complete placement of Invert Level concrete slab section 1 of 6 within Station Box
- Begin installation of mud slab, waterproofing, and protective concrete for Invert slab sections 7 through 9 within Headhouse
- Continue utility work, street and sidewalk restoration on west side of 4th Street south of Howard Street intersection

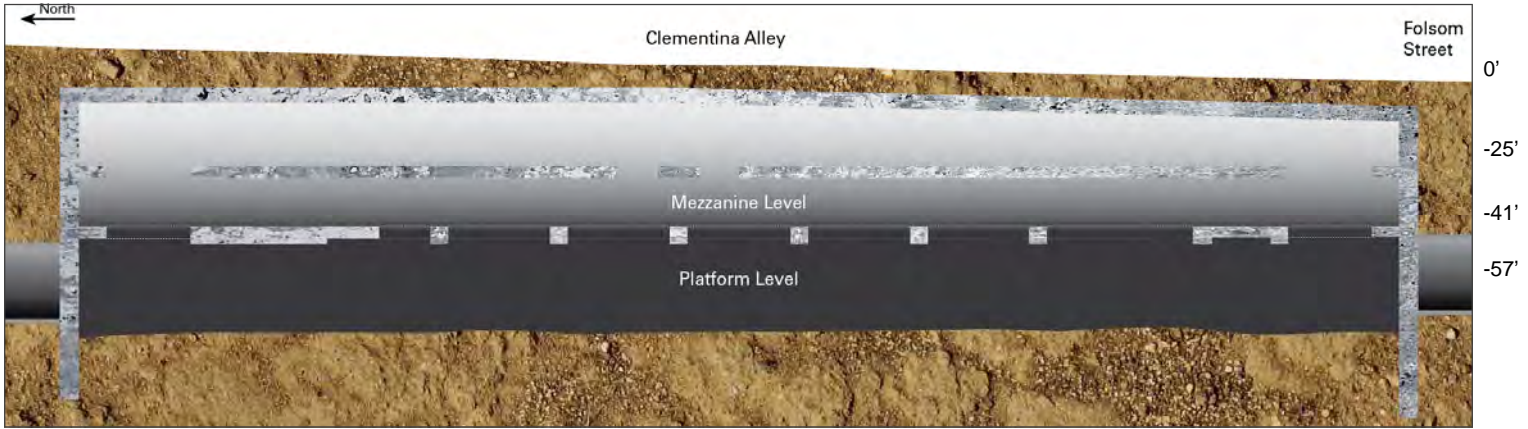
Three Month Look Ahead

- Continue to place Invert slab rebar and concrete within Station and Headhouse and prepare to construct slabs from bottom up within Headhouse
- Continue interior finishes on Mezzanine & Concourse Levels within Station Box
- Continue placement of stairs within station
- Begin installation of station power electrical vaults on Folsom Street
- Complete utility work, street and sidewalk restoration on west side of 4th Street north of the north headwall and south of Howard Street intersection

Station Excavation and Construction Progress Section

North

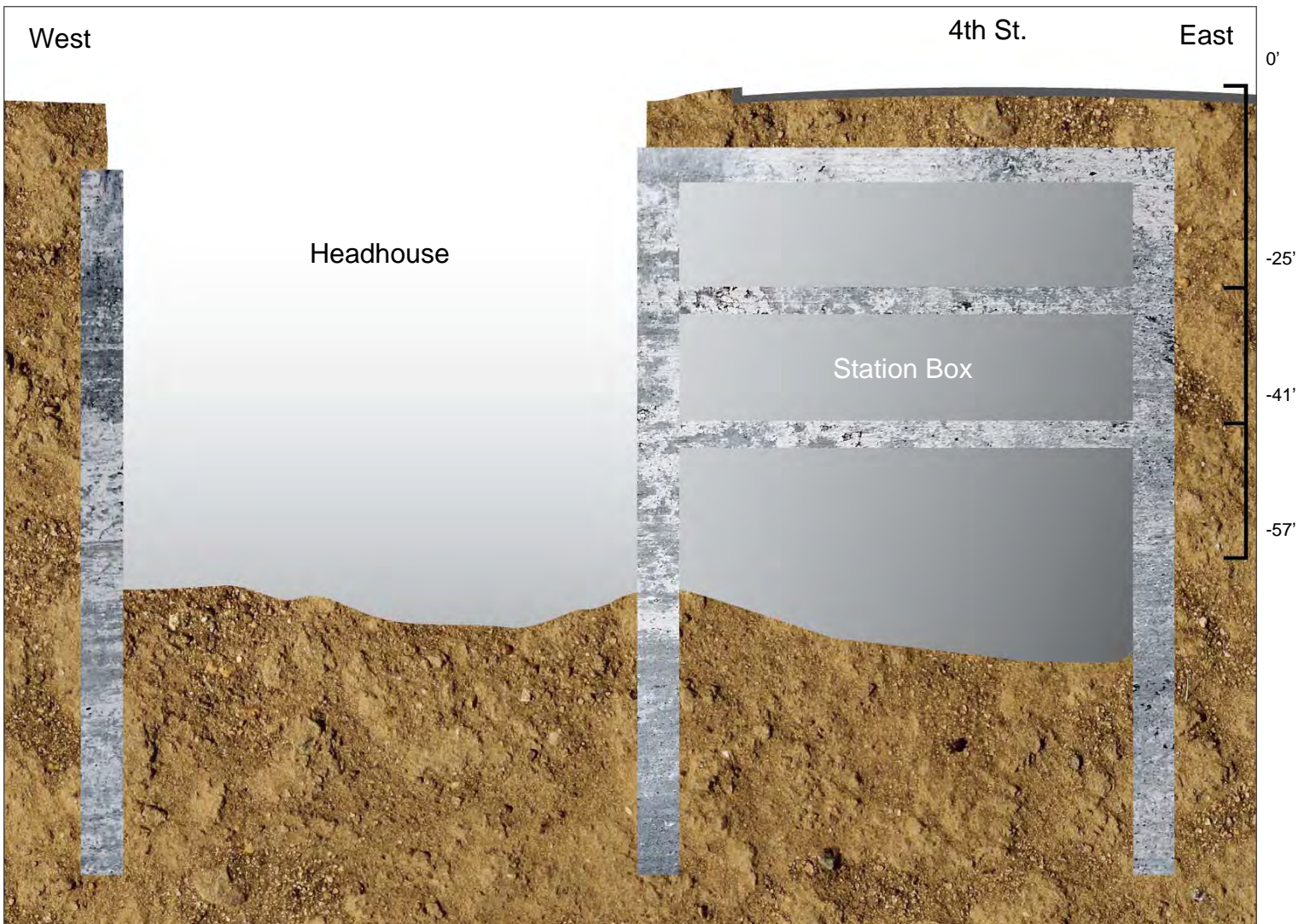
South



West

4th St.

East

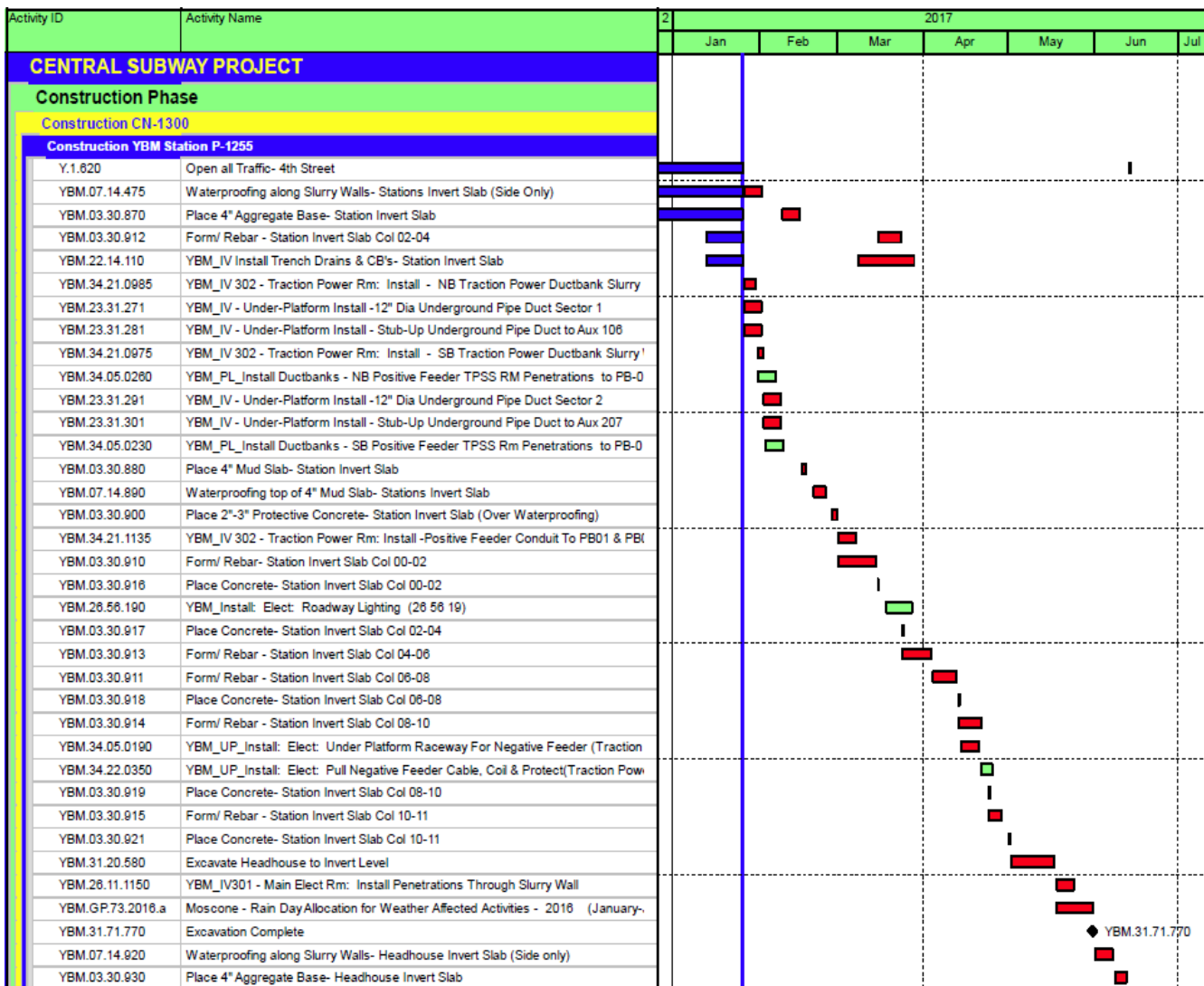


Yerba Buena Moscone Station Construction - Continued

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:	(\$359,786)
Current Contract Value:	\$157,729,214

Budget/Expenditures ▲	
Current Budget	\$163,089,000
Other Project Offset Credits	\$273,467
Expenditures to Date	\$93,915,337

YBM Three Month Schedule



Schedule: Contract 1300 January 2017 Update

Systems, Trackwork, & Surface Station

Contract 1300 - Work Package 1256

Description of Work

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

Current Status

- Continued 36" sewer installation at 4th/Brannan intersection
- Continued MRY ductbank at 4th/Townsend intersection
- Continued pavement renovation on 4th Street between King and Welsh
- Completed track drain and tunnel invert construction
- Continued AWSS lateral installation on 4th Street between Welsh and Freelon
- Continued water line installation at 4th/Townsend
- Started 36" sewer installation at 4th/Welsh intersection
- Started 48" sewer installation at 4th/Welsh intersection
- Started invert slab construction at tunnel portal



Work Expected Next Month

- Continued 48" sewer installation
- Continued 36" sewer installation
- Continued MRY ductbank installation
- Continued AWSS installation
- Continued water line installation
- Continued pavement renovation
- Continued invert slab construction at tunnel portal

Three Month Look Ahead

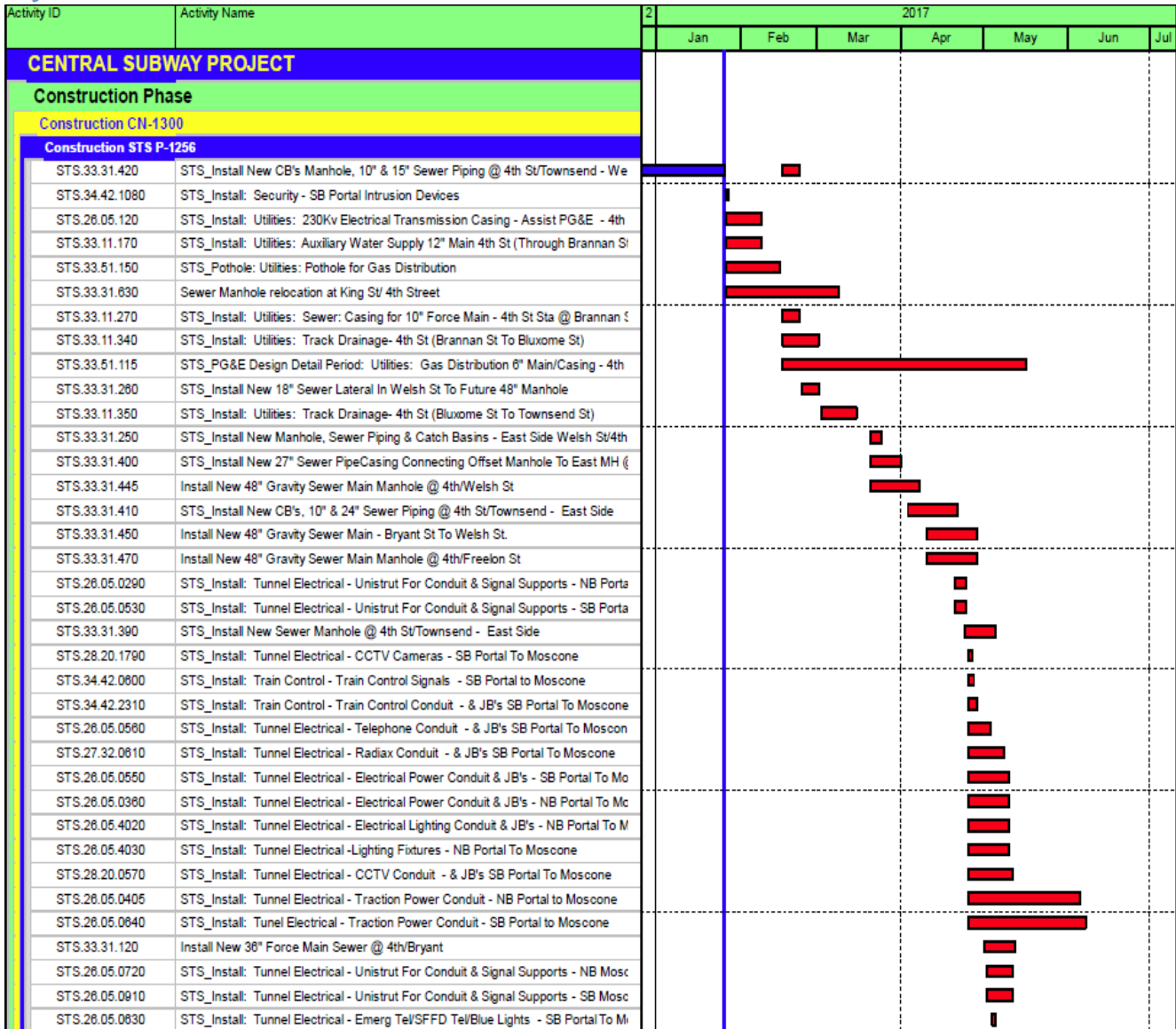
- Continued waterline installation
- Continued AWSS installation
- Continued MRY ductbank installation
- Continued 36" sewer force main installation
- Continued 48" sewer force main installation
- Continued OCS pole installation
- Continued invert slab construction at tunnel portal
- Continued permanent pavement renovation
- Start track installation

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:	\$1,695,035
Current Contract Value:	\$141,684,035

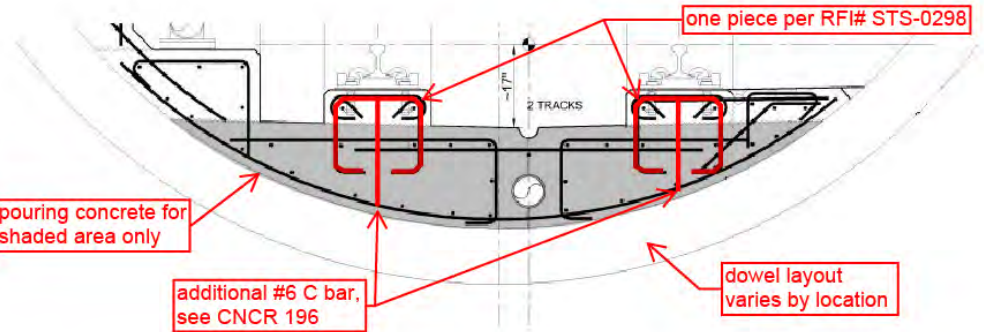
Budget/Expenditures	
Current Budget	\$144,989,000
Other Project Offset Credits	\$2,632,766
Expenditures to Date	\$48,883,069

Systems, Track and Surface Station Three Month Schedule



Schedule: Contract 1300 January 2017 Update

STS Invert Slab Progress



Total length for both tunnels is approx. 10,240 feet.
Measured progress is combined for both tunnels.
Red = 86% complete; 8,840 feet
Blue = 14% to be completed; 1,400 feet

Program Components

Community Outreach

Outreach public information, events and presentations for January 2017 include:

- Coordinated and opened The Chinese New Year Stockton Street Merchants Sidewalk Market Event in Chinatown
- Continued noise mitigation meetings with Tutor Perini and community stakeholders
- Ongoing outreach to merchants and resident
- Conducted meetings and face-to-face visits with various merchant stakeholders along the alignment
- Preparation and dissemination of construction notices
- Produced quarterly construction update video and other multimedia content
- Responded to constituent complaints

Outreach in Support of Mitigation and Monitoring

Team members participated in weekly progress to address neighborhood concerns

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

Weekly photo documentation of project work and editing

Weekly construction update emails sent to list of approximately 700 residents and stakeholders

Media Coverage

Central Subway Media Coverage			
Date	Title (with link to story)	Source	Reporter/Writer
1/13/2017	80 Feet Below: Scenes From The Central Subway's Subterranean Construction	Hoodline	Shane Downing
1/20/2017	See Central Subway's Progress With These Photos	Curbed	Adam Brinklow
1/26/2017	Stunning New Photos of Central Subway Construction	SFGate	Michelle Robertson
1/27/2016	Check Out the Progress on the Central Subway	Sfist	Jay Barmann

Quality Assurance

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

Stations and Systems Contract CN1300 Quality Assurance Monitoring – On Going/As Reported Previously

- UMS structural steel installation – Continued Inspection/acceptance/documentation by Smith Emery CWI's of all welds associated with the ongoing Installation of some structural and mostly excavation support steel
- TPC QC Daily Inspection Reports posted to CM13 which includes TPC's Specialty Subcontractor's QC checklists and associated documentation and Smith Emery Inspection Reports; TPC's Subcontractor that provides laboratory and Inspection Services – including Special Inspections required for the City of San Francisco's Department of Building Inspection (DBI) for all permitted work
- Preparatory and Initial Phase Meetings continue as scheduled. Additional Initial Phase Meetings are conducted at the request of the SFMTA or TPC QC as circumstances demand or as unanticipated issues occur
- Sequential Excavation Method (SEM) Meetings (daily at 8:00 am at the CTS site) and Instrumentation/Monitoring and Construction Management Task Force (CMTF) Meetings (Tuesdays and Fridays; changed from Thursday to better align with SEM convergence and pressure cell readings that are taken Monday and Thursday) at 9:00 am
- Bi-Weekly Quality Task Force (QTF) Meetings – ongoing dialog regarding; planning for upcoming Work, identification and mitigation of in-process potentially unsatisfactory work, generation of CNCRs, welding inspection documentation and other items related to TPC's QC efforts in implementing TPC's approved Quality Control Program (QCP)
- Weekly Work Package Progress Meetings for STS, YBM, UMS and CTS
- Monthly Project Risk Mitigation, Safety and Security, MEP Progress and weekly CMB Meetings as scheduling constraints allow

Document comment and review:

- Contractor's submittals, e.g., review of welding, concrete (including shotcrete) and other Quality related submittals/comments as requested to support the RE's and CM, and RFIs related to quality and welding
- QA Staff continues random/spot checks of the 1300 Contractor's Field Testing lab results; the now few items requiring further action/investigation (missing or inconsistent data, compressive strength results that appear to have a very broad range of values, failure to adequately identify the location where tests/specimens are taken, non-identified low test results and such) are brought to the attention of the Contractor
- Numerous meetings associated with how TPC at UMS is documenting on-going work and acceptance of work (primarily as a result of the RE's processing of pay requests predicated upon TPC QC's SE CWI's Daily Inspection Reports (DIRs) have resulted in the continuing challenging task of the development of a welding inspection log that will eventually clearly indicated exactly what welds/connection have been included in the Monthly Pay Application as well as document-

Quality Assurance - Continued

ing that all welds have been performed to and accepted as required by our Contract Documents and the Welding Code (D1.1)

- Also associated with UMS steel installation is the on-going issue of TPC QC providing complete CWI DIRs in a timely manner to CM13. Currently, TPC QC is in the process of improving upon the approximately 2 week lag of CWI DIRs being posted to CM13.
- Contractor Non Conformance Reports (CNCR) Status as indicated in the TPC QC CNCR Log:
 - ◆ 19 (+5 from last month) CNCRs are currently posted to the CNCR Log as INITIAL entries (C1300 is required to generate a CNCR within 24 hours of becoming aware of what appears to be non-conforming work).
 - ◆ 22 (+5 from last month) CNCRs are currently posted to the CNCR Log as DISPOSITIONED and are being reviewed by associated SFMTA RE to verify that the Contractor's proposed disposition is appropriate.)
 - ◆ 13 (-7 from last month) CNCRs are currently posted to the CNCR Log as DISPOSITIONED (NOT ACCEPTABLE) and have been returned to the Contractor because the RE's review of the Contractor's proposed disposition determined that the proposed disposition is not appropriate and must be revised).
 - ◆ 25 (+5 from last month) CNCRs are currently posted to the CNCR Log as APPROVED because the suggested REPAIR dispositions have been approved and the CNCRs will remain open until the approved REPAIR procedure is performed.
 - ◆ 163 (+2 from last month) CNCRs are currently posted to the CNCR Log as CLOSED.
 - ◆ 35 (same as last month) CNCRs are currently posted to the CNCR Log as VOIDED (subsequent evaluation of the INITIAL CNCRs determined that a CNCR is not warranted)
 - ◆ 277 (+10 from last month) CNCRs are currently posted to the CNCR Log

QA Issues:

- None to report for this period

QA Concerns:

- As is typical to similar Projects, work performed prior to receipt of approval status of required submittals/RIFs with/without knowledge of QC remains a potential item(s) of concern.
- TPC's Record Document (as-built) effort refinement, to include CNCRs and a timely recording of Work performed that is different than what is required by the latest approved Conformed Design Drawings. Follow-up Quality Assurance Surveillance QAS076 was conducted; posted to CM13 and provided to TPC for their action. This follow-up Surveillance documents, as had previously been identified in QAS072 (provided to TPC for their corrective action - January of 2016) some lack of conformance to the requirements of the *Record Document Specification Section 01 78 39 (As-Builts)*.
- Revision of and adherence to approved Required Excavation Support System (RESS) sheets at CTS, as expressed by the RE/DSP's Senior Engineers, at the daily SEM Meetings. Note that the required changes to and approval thereof of RESS sheets, prior to the start of effected work, continues to be implemented in a most acceptable manner
- The effort associated with the UMS RE and RE Staff ensuring that only acceptable work is includ-

ed in the RE's approval of the Contractor's monthly invoice. The primary issue being TPC's reluctance to provide associated documentation of TPC's QC acceptance of the work included in each monthly payment invoice

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
- Consensus as a result of PM/CM discussions/meetings has resulted as clear direction to RE's that coordination drawings are to be submitted for SFMTA's approval prior to concrete placement (usually via the RE/RE Staff signing-off on the pour card, which releases our concrete placement hold point). YBM is the first Contract Package to implement the aforementioned.
- TPC's response to Quality Assurance Audit Report QAA 026, Implementation of TPC's Quality Control Program (QCP) was received and as resources allow, is currently under review with some additional documentation/information required prior to audit closeout; specifically associated with documentation related to mechanical couplers

Risk Management

Risk Mitigation Management Meeting No. 90 was held on January 5, 2017. The Risk Committee performed a quarterly review of active risk items previously assessed as being a lower rated risk, identified by a rating of five (5) and below, as well as a review of all other construction risk rated six (6) and above. The purpose of this review is to evaluate the current disposition of the risk, determining if the risk rating continues to be valid, or requires reassessment by the Committee. In doing so the Committee examined the risk description, and listed mitigation strategies in conjunction with current construction activities, enabling the Committee to make an accurate determination of the validity of the current risk rating. Taking into account the likelihood of Probability, consequence of Cost Impact and Schedule Impacts.

Subsequently during the quarterly risk reassessment four (4) risk items were determined to be no longer a risk to the Project and were retired from the register.

The Program is now tracking thirty three (33) remaining construction risks and one (1) remaining requirement risk on the Project Risk Register. The status of these risk items will continue to be closely monitored and updated monthly on the Risk status sheet by the Risk Owner.

Top Ten Risk

Risk #	Risk Description	Risk Owner	Risk Rating	Contract
232	Behind Schedule - Unable to Recover from Delay to 1300 Contract	ES	20	GEN
240	Unresolved Assignment of Schedule Delay Responsibility (may lead to increase cost)	ES	8	GEN
234	Sequential Excavation Method at CTS - Contractor's propose method will induce subsidence	DJ	7	CTS
233	Acceptance of Shotcrete Substitution - leads to final product being inferior in performance and availability of shotcrete needed for the permanent liner.	DJ	6	STA
52	Unacceptable settlement and impact on major utilities at CTS. (OLD SEWERS AND OTHERS WITHIN 20FT SPACE BETWEEN TOP OF CAVERN AND STREET LEVEL)	DJ	6	CTS
238	Quality Program is ineffective in processing the nonconformance items causing schedule impacts	ML	6	GEN
205	Prolong period of CMod's creates additional cost/causes bad blood between Resident Engineer and Contractor	ES	6	GEN
229	CN1300 System Acceptance Testing	AH	6	GEN
230	SFMTA Commissioning Coordination (inaccurate time for coordination or participation from Muni Ops)	AH	6	GEN
99	Breakdown in relationships between SFMTA and Contractors during construction results in increased claims and delays to the overall construction schedule.	ES	5	GEN

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.

Project Management/Construction Management (PMCM) Team

Safety bulletin boards have subjects covering the complacency and daily job briefings.

Safety Summary for the 1300 Stations Systems Track Construction Package

During the month of January, safety work on the 1300 contract progressed as follows:

During the month of January, TPC did not incur any first aid or lost time incidents.

Table 1300 Stations Construction Safety Record

Table 1300 below summarizes the Month to Date and Project to Date for the Stations, Systems and Track Construction contractor and subcontractors.

Next Month Look Ahead

1300 Contract

1. At the CTS station, TPC is diligently working with Frontier Kemper to fully correct any and all ventilation issues.
2. At the UMS station, the moratorium setup was implemented. Work has resumed under Stockton Street with the main focus being excavation.
3. At the YBM station, invert pours have started. In addition, the elevator and scaffold stairway in the head house have been removed. Access is now only by stairway. TPC has created a new emergency exit map that will be posting and providing training on so all workers are familiar with proper exiting accesses.
4. At the STS station, work continues on the utility relocations.. A close watch will be maintained regarding all underground work.

Program Safety & Security - continued

Project Safety Record - Contract 1300

SAFETY GOALS

Through Month End -Jan 2017

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

JOB TO DATE	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	5	1	6	0.65
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	1	0	1	0.11
Total Project Incidents	6	1	7	0.76
Man Hours Worked Through M/E Jan 2017	759,209	1,092,619	1,851,828	

YEAR TO DATE (Month ,Day, Year to Month, Day, Year)	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	0	0	0	0.00
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
Total Project Incidents	0	0	0	0.00
Man Hours Worked Through M/E Jan 2017	26,114	25,001	51,115	

* 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

*Classifications change at a later date due to additional information becoming available, thereby, changing the numbers on the chart.

For example, what was once classified as an accident can become a first aid which leads it to no longer being recordable.

Technical Capacity

No Project positions are currently open or unfilled.



Looking west from the base of the elevator platform at the entrance portals to the station box levels, rain drizzles into the headhouse.

Staffing

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

	Nov-2016		Dec-2016		Jan-2017	
	Planned	Actual	Planned	Actual	Planned	Actual
Project Management						
Program Management	6.60	6.00	6.60	6.00	6.60	6.00
Quality Assurance	1.80	2.30	1.80	2.30	1.80	2.30
Contract Administration	1.40	1.40	1.40	1.40	1.40	1.40
Community Outreach	5.50	4.00	5.50	4.00	5.50	4.00
Finance	2.00	2.00	2.00	2.00	2.00	2.00
Project Controls	4.80	6.30	4.80	6.30	4.80	6.30
Subtotal	22.10	22.00	22.10	22.00	22.10	22.00
Construction Management						
CM - CN 1252	1.00	1.00	1.00	1.00	0.00	0.00
CM - CN 1300	29.98	30.98	29.98	30.98	29.98	30.98
Design Support - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
Design Support - CN 1300	12.40	12.40	12.40	12.40	12.40	12.40
Subtotal	43.38	44.38	43.38	44.38	42.38	43.38
Start Up						
Start Up / Safety & Security	3.00	2.10	3.00	2.10	3.00	2.10
Subtotal	3.00	2.10	3.00	2.10	3.00	2.10
Total	68.48	68.48	68.48	68.48	67.48	67.48

Third-Party Agreements

No activity in this reporting month.

LRV Procurement

SFMTA has initiated a new light rail vehicle procurement to acquire up to 260 vehicles over the next 15 years. The scope includes the design, manufacture, delivery and testing of up to 260 light rail vehicles together with associated services, spare parts, special tools, training and documentation. This includes an initial delivery of 24 cars, scheduled for delivery in 2018 to supplement the fleet when the SFMTA's Third Street Phase 2 - Central Subway Project extension opens.

Production of the first nine cars continues. The first car was delivered to SFMTA January 13, 2017. Static testing was conducted in readiness for mainline testing. Final assembly and testing of the second vehicle continues in preparation for shipment to SFMTA in February 2017.



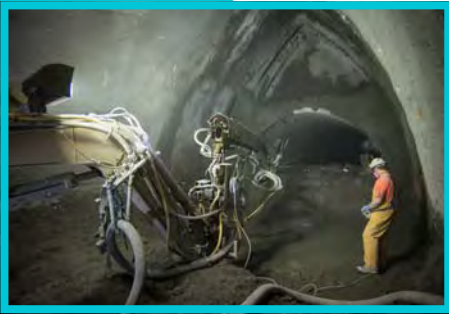
Workers pause to examine site conditions at the Brannan and Stockton intersection, where a number of utilities are being installed and upgraded.

central **T** subway

Current Construction Activity



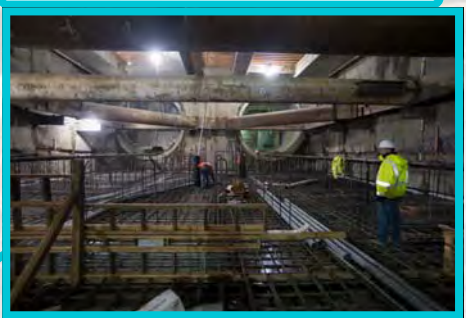
Chinatown (CTS)



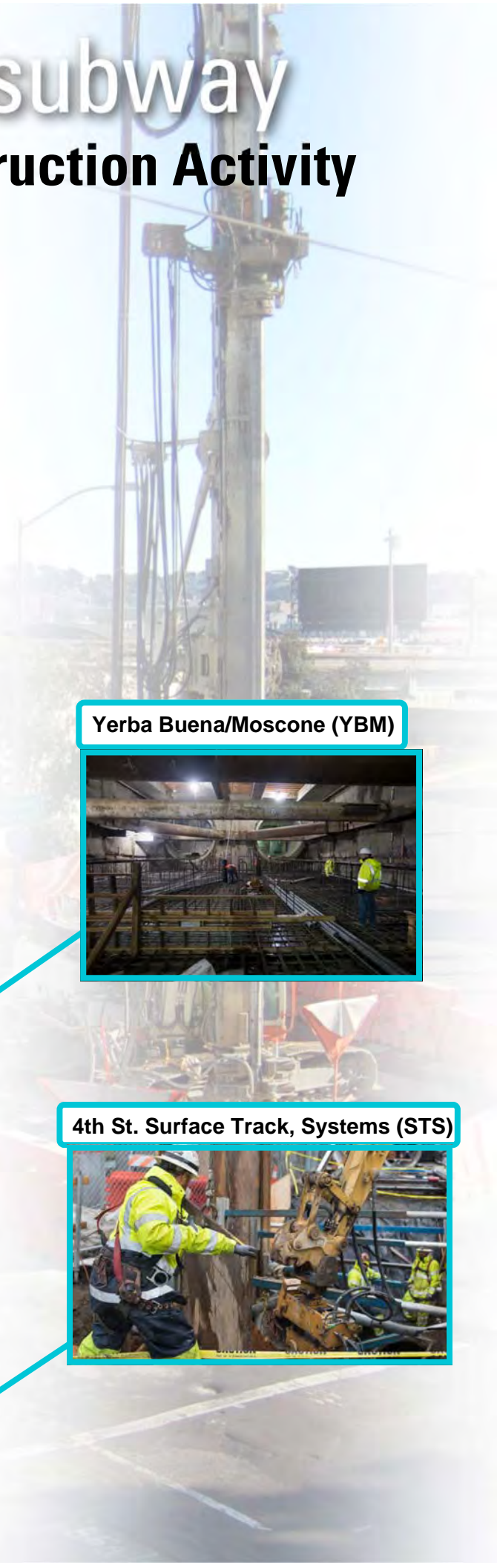
Union Square/Market Street (UMS)



Yerba Buena/Moscone (YBM)



4th St. Surface Track, Systems (STS)





A worker uses a remote control to direct a shotcrete spraying machine at the end of the left side drift for the south platform cavern.



Crews have begun work to excavate the left side drift on the north end of the station platform cavern.



The overseer for the main access shaft in the headhouse, Armando, looks on as a bulldozer dumps a load of excavated material into the large steel bucket used to lift it to the



Two workers tend to a shotcrete spraying machine inside the right side drift of the north platform cavern excavation.



Sparks fall in a shower from a steel beam being installed as temporary bracing along the east wall of the station box.



The subterranean "cathedral" of the Union Square/Market Street Station's interior space, as seen from the east wall just north of O'Farrell.



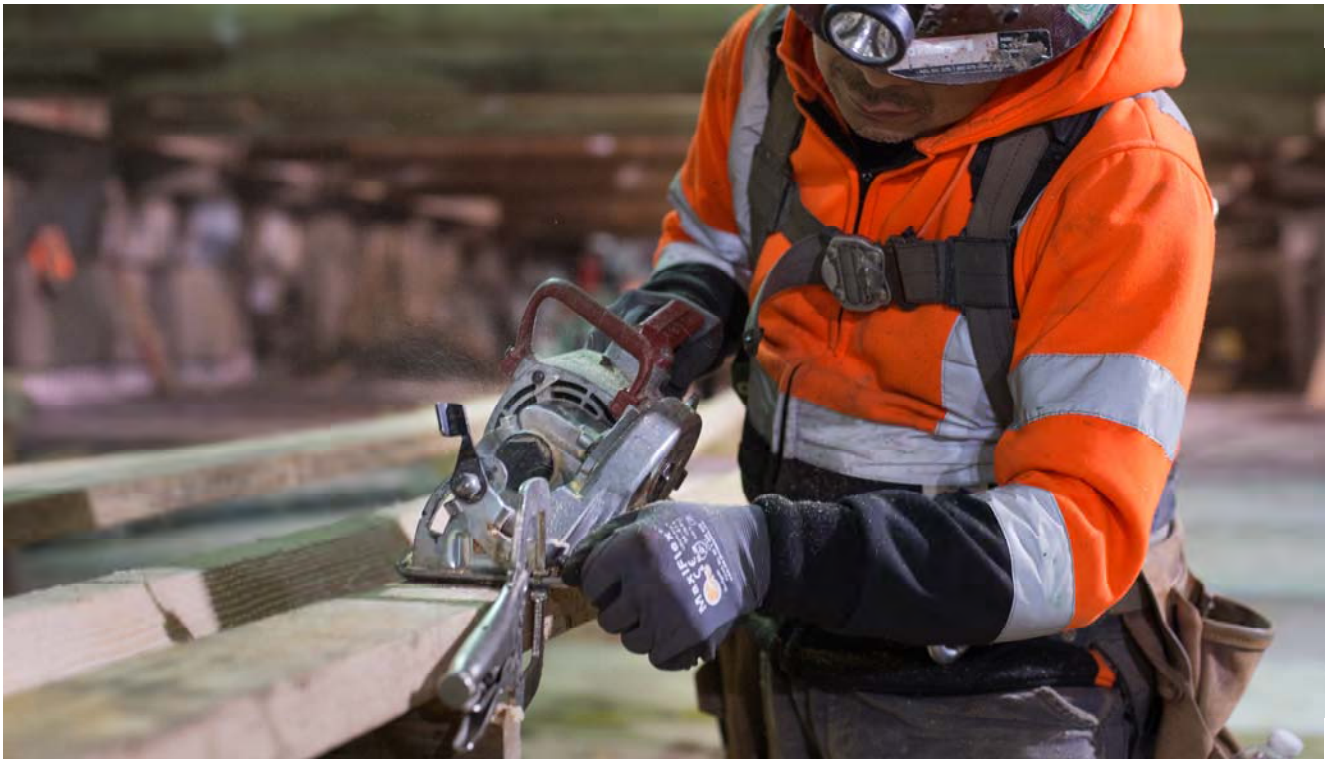
Workers pull up long tacks used to hold the green turf of the Winter Walk firmly in place.



A bulldozer dumps another load of material removed during station box excavation, at the collection site below the Ellis Street access shaft.



Workers have begun installing sections of a massive rebar cage at the bottom of the station box, called the invert or floor slab.



A carpenter makes angled cuts in long boards as part of concrete form assembly work on the platform level of the station box.



Interior walls and other structural elements are being installed on the upper two levels of the station box.



A crew coordinates the movement of traffic and equipment for utility installation and street restoration work south of Howard, on the west side of 4th.



A worker swings a large steel panel into place, where it will be used as temporary shoring for a utility trench at Welsh Alley and 4th.



A crew at the intersection of 4th and Brannan works to rebuild a dense nest of utilities following the recent construction of a new manhole and sewer tie-in structure.

STS—Continued



A section of water pipe is cut in a utility trench at 4th and Brannan prior to attaching a new section, located nearby.



A new curb and gutter have been poured as part of street restoration efforts at the north corner of 4th and Townsend.

Appendix A

DETAIL COST REPORTS

1. PROJECT COST

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

Total net incurred costs for the project are \$1,025.99 million, a \$9.22 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$990.72 million) plus the utilities joint trench Form B Reimbursement payment (\$11.12 million), invoices currently being processed (\$20.70 million) and estimates of outstanding pay requests (\$3.45 million). This incurred amount equals 65.01% of the total project budget of \$1.578 billion.

The current funding level to date is \$1,329.79 million. This represents 84% of the total project budget.

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.1	66	5/31/2015	\$ 2,121.00
CS155.1	67	6/30/2015	\$ 1,180.00
CS155.1	66&67	8/31/2015	\$ 3,005.81
CS155.1	68&69	10/31/2015	\$ 8,465.57
CS155.1*	70&71	12/31/2015	\$ 7,898.00
CS155.1*	72&73&74	3/31/2016	\$ 13,280.00
CS155.1*	75&76&77	6/30/2016	\$ 24,327.00
CS155.1*	78&79&80	9/30/2016	\$ 65,000.00
CS155.1*	81&82	11/30/2016	\$ 30,000.00
CS155.1*	83&84	1/31/2017	\$ 30,000.00
CS155.2	75	5/31/2016	\$ 394,062.37
CS155.2	76	6/30/2016	\$ 511,507.98
CS155.2	77	7/31/2016	\$ 353,575.05
CS155.2	78	8/31/2016	\$ 382,761.90
CS155.2	79	9/30/2016	\$ 524,314.56
CS155.2	80	10/31/2016	\$ 403,491.31
CS155.2	81	11/30/2016	\$ 370,495.64
CS155.2	82	12/31/2016	\$ 428,924.91
CS155.2*	83	1/31/2017	\$ 428,924.91

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.3	74	5/31/2016	\$ 85,409.17
CS155.3	75	6/30/2016	\$ 123,094.11
CS155.3	76	7/31/2016	\$ 78,529.03
CS155.3	77	8/31/2016	\$ 92,885.89
CS155.3	78	9/30/2016	\$ 115,190.05
CS155.3	79	10/31/2016	\$ 74,598.61
CS155.3	80	11/30/2016	\$ 107,644.79
CS155.3	81	12/31/2016	\$ 102,053.91
CS155.3*	82	1/31/2017	\$ 102,053.91
CN 1300	36	12/31/2016	\$ 8,968,938.00
CN 1300*	37	1/31/2017	\$ 7,679,776.00
CS149*	95	11/30/2016	\$ 500,000.00
CS149*	96	12/31/2016	\$ 500,000.00
CS149*	97	1/31/2017	\$ 500,000.00
CS156*	72	11/30/2016	\$ 55,461.74
CS156*	73	12/31/2016	\$ 64,250.02
CS156*	74	1/31/2017	\$ 45,660.78
other accruals*		1/31/2017	\$ 972,342.37

* Estimated Amount

\$ 24,151,224.39

2. CONTINGENCY ALLOCATIONS AND USAGE

The current Total Project Contingency is **\$78.49 million**, which is a \$18.49 million favorable balance against the current Minimum Contingency level of \$60 million. The Contingency Drawdown Curve is shown in Report 7.3. Follows by Report 7.4 Contingency Management Trend Report with the Remaining Contingency after Approved Changes Deducted contingency items in column "i".

In this reporting period, Contract 1252 Tunnel did not process any contract modifications. Contract 1300 Station processed five contract modifications in the amount of \$493,849. Refer to Report 7.5 for approved contract modifications and potential changes.

3. BUDGET TRANSFERS

No budget transfers in this reporting period.

4. FORM B

The Utilities Joint Trench Form B Details is listed in the Table A2 below. Total utilities joint trench Form B Reimbursement payment to three construction contracts is \$11.12 million.

TABLE A2: UTILITIES JOINT TRENCH FORM B DETAILS	[A] Mar 2015 BUDGET	[B] EXPENDED TO DATE	Associated Cost Account
1.3.491.07.040.02 - FORM B - CN1250 UTILITY REIMBURSEMENT	(2,275,419)	2,463,325	1.3.081.07.040.02 - 1UTL:SITWORK: UTILITIES & RELOC
1.3.491.08.040.02 - FORM B - CN1251 UTILITY REIMBURSEMENT	(7,618,412)	3,608,217	1.3.082.08.040.02 - 2UTL:SITWORK:UTILITIES&RELOCATE
1.3.491.02.040.02 - FORM B - CN1252 UTILITY REIMBURSEMENT	(254,050)	4,256,660	1.3.083.02.040.02 - TUNN:Sitework:Utilities & Relocate
1.3.491.04.040.02 - FORM B - CTS: CN1300 UTILITY REIMBURSEMENT	(451,703)		
1.3.491.09.040.02 - FORM B - STS: CN1300 UTILITY REIMBURSEMENT	(1,000,000)		
1.3.491.03.040.02 - FORM B - UMS: CN1300 UTILITY REIMBURSEMENT	(528,370)	572,014	1.3.084.03.040.02 - UMS.1253: SITE UTILITIES, UTILITY RELOCA
1.3.491.05.040.02 - FORM B - YBM: CN1300 UTILITY REIMBURSEMENT	(100,000)	221,203	1.3.086.05.040.02 - YBM.1255: SITE UTILITIES, UTILITY RELOCA
TOTAL	(12,227,954)	11,121,418	

5. EARNED VALUE (EV) ANALYSIS

In January 2017 Report, the Preliminary Earned Value Analysis reports is based on the SFMTA October Schedule Update. The Planned Value, Earned Value, Actual Cost, Percent Complete and resulting indexes as follows:

Preliminary January Earned Value

Overall Budgeted Cost:	\$1,578,300,000
Planned Value:	\$1,323,191,958
Earned Value:	\$1,022,905,604
Actual Cost:	\$1,025,991,679
Schedule Performance Index (SPI):	0.77
Cost Performance Index (CPI):	1.00
Percent Complete:	64.8%

SFMTA, EV Chart
 JANUARY 31, 2017 Update

Activity ID	Activity Name	Start	Finish	Performance % Complete	Budgeted Total Cost	Planned Value Cost (PV)	Earned Value Cost (EV)	Actual Total Cost (AC)	CHI	SPI
CENTRAL SUBWAY PROJECT										
		03-Jun-03A	08-Oct-21	64.75%	\$1,578,300,000.98	\$1,323,191,957.64	\$1,022,905,603.68	\$1,025,991,678.91	1.00	0.77
	Preliminary Engineering Phase	03-Jun-03A	07-Jan-10A	100%	\$46,542,061.02	\$46,542,061.02	\$46,542,061.02	\$46,542,060.88	1.00	1.00
	Final Design	08-Jan-10A	17-Jun-13A	100%	\$115,075,987.06	\$115,075,987.06	\$115,075,987.06	\$113,933,552.01	1.01	1.00
	Light Rail Vehicles	15-Apr-13A	21-Feb-19	8.25%	\$26,385,653.00	\$13,309,000.00	\$2,177,131.58	\$2,147,782.08	1.01	0.16
	Real Estate	01-Aug-08A	26-Jan-17	82.4%	\$37,405,895.00	\$35,816,395.62	\$30,822,332.40	\$30,625,616.53	1.01	0.86
	Construction Phase	03-Jan-10A	20-Feb-20	61.59%	\$1,348,215,480.90	\$1,112,448,513.94	\$828,288,091.62	\$832,742,667.41	0.99	0.74
	Construction Support and Costs	03-Jan-10A	20-Feb-20	49.86%	\$199,662,649.06	\$108,743,404.01	\$99,644,307.33	\$113,260,552.60	0.88	0.92
	Construction Utility Contract #1 - MOS & Portal CN-1250	04-Jan-10A	23-May-11A	100%	\$11,968,150.00	\$11,968,150.00	\$11,968,150.00	\$11,968,150.00	1.00	1.00
	Construction Utility Contract #2 - LMS CN-1251	12-Jan-11A	15-Oct-12A	100%	\$20,794,582.00	\$20,794,582.00	\$20,794,582.00	\$20,794,582.00	1.00	1.00
	Construction Tunnels CN-1252	08-Jun-11A	27-Jan-17	93.05%	\$235,913,500.00	\$251,068,967.23	\$233,608,894.28	\$233,793,889.81	1.00	0.93
	Construction CN-1300	03-Jun-13A	22-Jul-19	53.68%	\$879,676,999.84	\$719,673,410.70	\$462,272,158.01	\$452,925,483.00	1.02	0.64
	Unallocated Contingency	23-Apr-19	04-Oct-19	0%	\$4,674,924.00	\$0.00	\$0.00	\$0.00	0.00	0.00
	Project Management	04-Oct-19	08-Oct-21	0%	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00

The preliminary Contract 1300 cost shows Earned Value Cost \$9M higher than Actual Cost.

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.

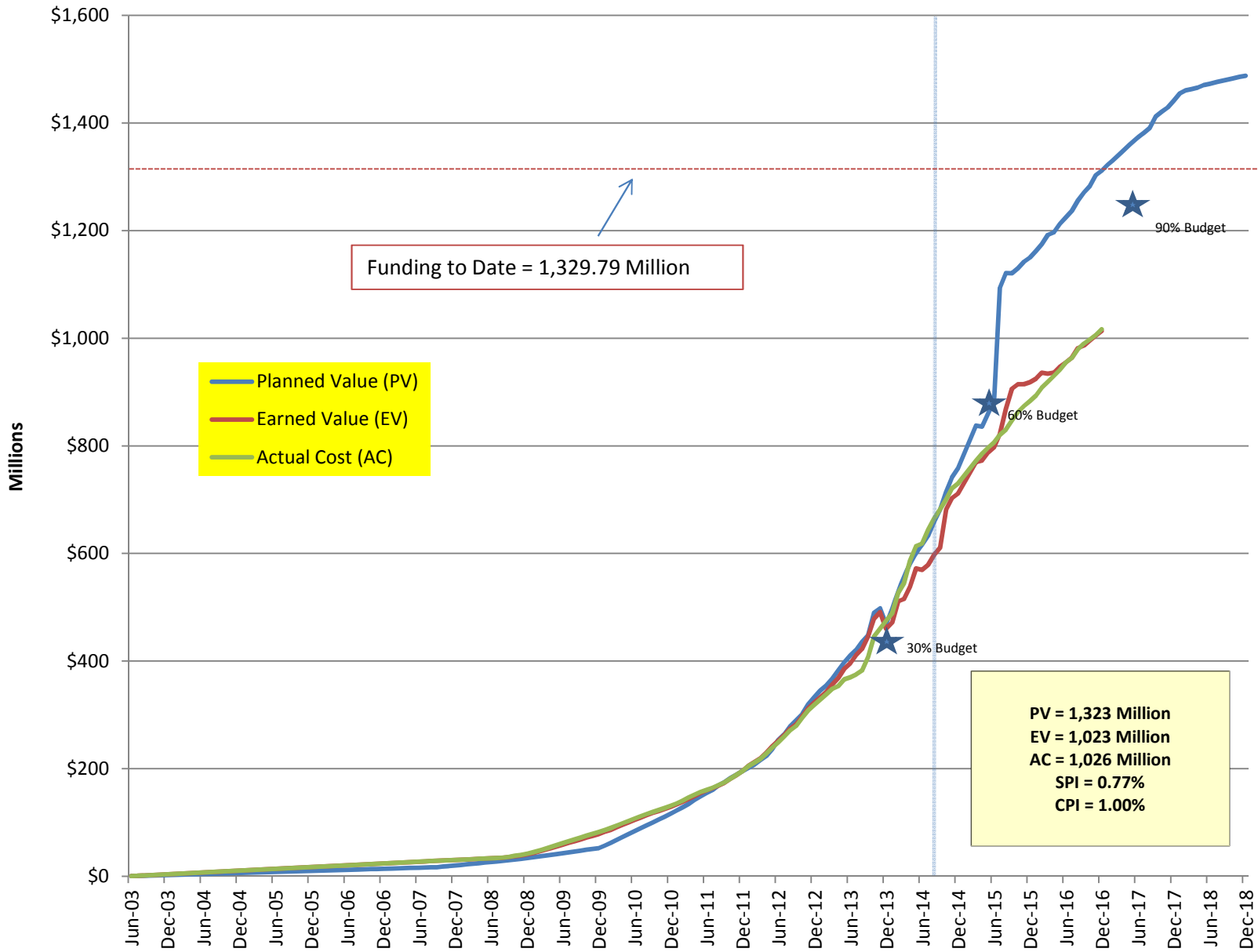
Funding Available Table		
	Funding	
	Committed Funding Sources	Total Awarded Funds to Date
Federal		
Sect. 5309-NS	\$942,200	\$769,196
CMAQ	\$41,025	\$41,025
Federal Subtotal	\$983,225	\$810,221
State		
TCRP	\$14,000	\$14,000
State RIP	\$88,000	\$12,498
Prop. 1B (I-Bond) PTIMSE	\$307,792	\$307,792
Prop. 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	\$1,329,794

7. LIST OF COST REPORTS

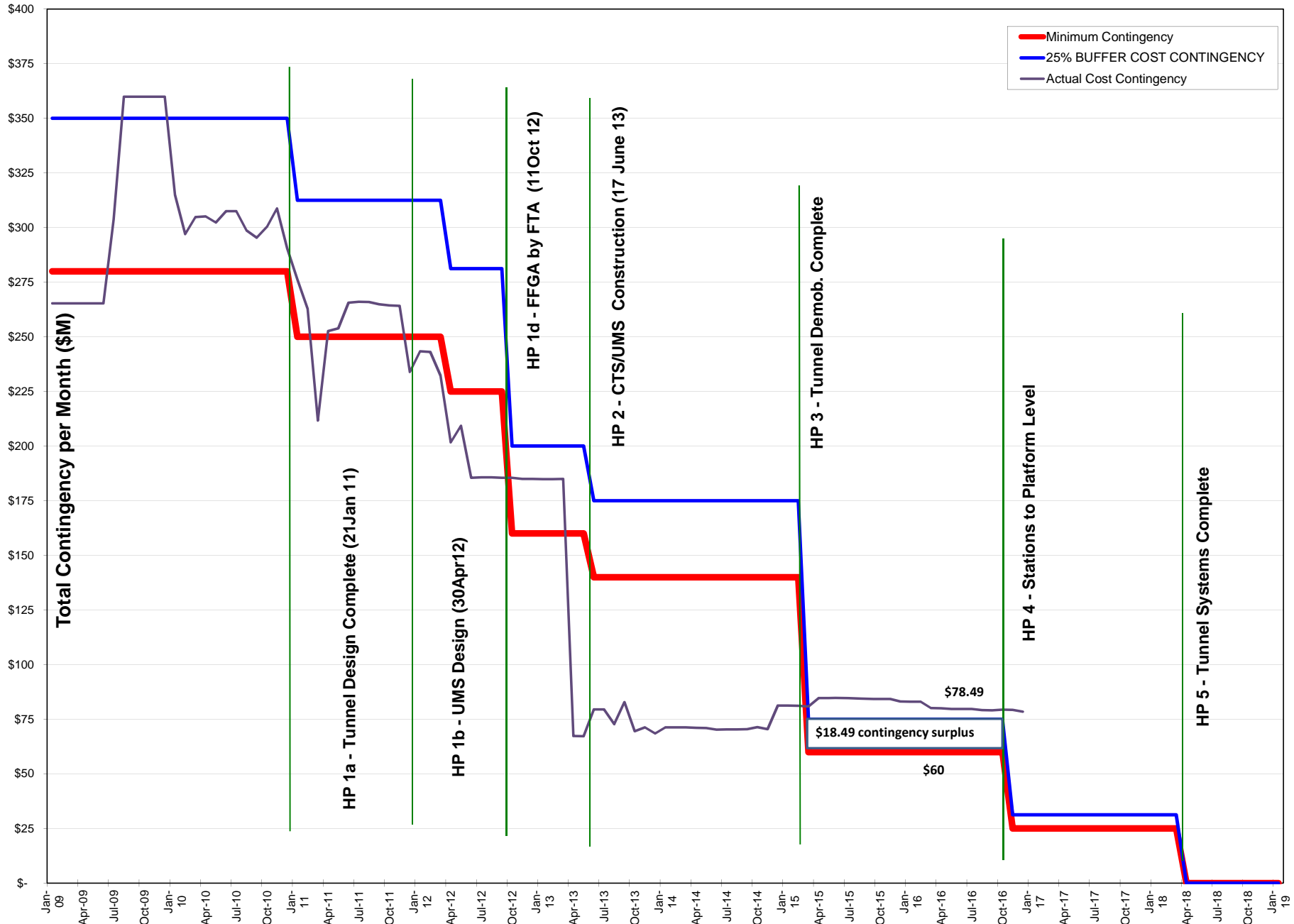
- 7.1 Program Project Budget
- 7.2 Earned Value Cash Flow
- 7.3 Contingency Drawdown Curve
- 7.4 Summary Contingency Management Trend Report
- 7.5 Detail Contingency Usage Report
- 7.6 Budget Revisions: Report sorted by Construction Packages & Soft Costs
- 7.7 Project Budget & Expenditure Report: Sorted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

A. Central Subway Project						
Project	Name	Amount	PM	Funding Source	Reporting	Cost Report Notes
1	CPT544 Central Subway Project	\$1,578,300,000	J. Funghi	62% Fed, 30% State, 8% Local	yes	1
Total:		\$1,578,300,000				
B. Related SFMTA Capital Improvement Projects						
Project	Name	Amount	PM	Funding Source	Reporting	
2	CPT690 TBM Retrieval Shaft Relocation	\$9,700,000	Funghi/Magyar	MTA Operating Funds	no	2
3	CPT718 Chinatown Metro Plaza	\$6,980,000	J. Funghi	Transbay Redevelopment	no	3
4	CPT665 Central Subway Project - Goodwill	\$2,367,750	K. Magyar	I-Bond Interest	no	4
5	CPT705 MOH - Broadway/Sansome	\$8,000,000	K. Magyar	MTA Operating Funds	no	5
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	8/27/2014 SFMTA Traffic Effectiveness Project funded	\$694,651	68W324/686D42	Contract 1252 CMod #40	yes	11
7	9/27/2014 SFPUC - 24" Water Main	\$328,857	68CPT544135A	Contract 1252 CMod #41	yes	12
8	2/15/2015 Chinatown Plaza Construction Estimate	\$75,000	68CPT7181341	Contract 1300 CMod #6	yes	13
9	3/27/2015 SFPUC - 24" Water Main Additional Work	\$112,102	68W409	Contract 1252 CMod #48	yes	14
10	3/15/2016 Support for North Beach Restoration, OCS and Streetlighting	\$155,468	68T7373342D2/D3	Contract 1252 CMod #51	yes	15
11	6/27/2016 DPW - MOU for Water Line above YBM Station	\$273,467	68W592	Certified in Contract 1300	yes	16
Total:		\$24,509,835				

Earned Value Cash Flow Curve



Cost Contingency Drawdown



COST ELEMENT	CONTRACT COST					CONTINGENCY					BUDGET	VARIANCE	Cost Report Notes	
	ORIGINAL CONTRACT VALUE / September 2013 SUPPLEMENTAL BUDGET	APPROVED CHANGES	CURRENT CONTRACT VALUE	POTENTIAL CHANGES	ESTIMATE AT COMPLETION (EAC)	ORIGINAL CONTINGENCY / Sep 2013 SUPPLEMENTAL CONTINGENCY (Exclude CN 1250 & CN1251)	CONTINGENCY ADJUSTMENT TRANSFERS	REVISED AUTHORIZED CONTINGENCY (Exclude CN1250 & CN1251)	REMAINING CONTINGENCY AFTER APPROVED CHANGES DEDUCTED [h - b]	REMAINING CONTINGENCY AFTER POTENTIAL CHANGES DEDUCTED [i - d]	ORIGINAL CONTRACT VALUE + REVISED AUTHORIZED CONTINGENCY [a + h]	BUDGET - ESTIMATE AT COMPLETE [j - e]		
	a	b	c	d	e	f	g	h	i	j	j	k		
SCC 10-50 CONSTRUCTION CONTRACT PACKAGES														
1250	UTILITY RELOCATION PACKAGE #1 <i>Contract 1250 Department of Technology</i>	9,273,939	2,694,211	11,968,150		11,968,150	1,953,377	740,834	2,694,211		11,968,150		17	
		166,756		166,756		166,756					166,756			
1251	UTILITY RELOCATION PACKAGE #2 <i>Contract 1251 Department of Technology</i>	16,832,550	3,962,032	20,794,582		20,794,582	5,367,297	(1,405,265)	3,962,032		20,794,582		18	
		75,615		75,615		75,615					75,615			
1252	GUIDEWAY TUNNEL	233,584,015	1,494,770	235,078,785	170,654	235,249,439	23,658,464	(21,328,979)	2,329,485	834,715	664,061	235,913,500	664,061	19
1300	STATIONS	839,676,400	5,312,245	844,988,645	25,929,217	870,917,861	20,000,000	19,925,000	40,000,000	34,687,755	8,758,539	879,676,400	8,758,539	20
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	1,117,152	295,147,742	15,199,562	310,347,304	5,000,000	15,000,000	20,000,000	18,882,848	3,683,286	314,030,590	3,683,286	
	1254 CHINA TOWN STATION [CTS]	247,567,810	2,859,843	250,427,653	3,467,349	253,895,002	5,000,000	5,000,000	10,000,000	7,140,157	3,672,808	257,567,810	3,672,808	21
	1255 YERBA BUENA/ MOSCONE STATION [YBM]	158,089,000	(359,786)	157,729,214	3,718,314	161,447,528	5,000,000		5,000,000	5,359,786	1,641,472	163,089,000	1,641,472	
	1256 SURFACE TRACKWORK & SYSTEMS [STS]	139,989,000	1,695,035	141,684,035	3,543,992	145,228,027	5,000,000		5,000,000	3,304,965	(239,027)	144,989,000	(239,027)	
OTHER		31,233,501		31,233,501	0	31,233,501	1,160,000		1,160,000	1,160,000	1,160,000	32,393,501	1,160,000	
SCC 10 - 50 Construction Sub-total		1,130,842,776	13,463,257	1,144,306,033	26,099,871	1,170,405,903	44,818,464	(1,403,979)	43,489,485	36,682,470	10,582,600	1,180,988,503	10,582,600	
SCC 60-80 SOFT COSTS PACKAGES														
60	ROW, LAND, EXISTING IMPROVEMENTS	36,511,799	(4,265,478)	32,246,321		32,246,321	1,000,000	4,265,478	5,265,478	5,265,478	5,265,478	37,511,799	5,265,478	22
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	13,076,653	26,385,653	13,076,653	23
80	PROFESSIONAL SERVICES	310,518,041		310,518,041		310,518,041	18,221,079		18,221,079	18,221,079	18,221,079	328,739,120	18,221,079	
SCC 60 - 80 Construction Sub-total		371,138,552	(15,065,190)	356,073,362		356,073,362	21,498,020	15,065,190	36,563,210	36,563,210	36,563,210	392,636,572	36,563,210	
SCC 90	UNALLOCATED CONTINGENCY						3,845,945	828,979	4,674,924	4,674,924	4,674,924	4,674,924	4,674,924	24
TOTAL		1,501,981,328	(1,601,933)	1,500,379,395	26,099,871	1,526,479,266	70,162,429	14,490,190	84,727,619	77,920,604	51,820,734	1,578,299,999	51,820,734	
											Total Project Budget	1,578,300,000	25	
											Estimate At Completion	1,526,479,266	26	
											Variance	51,820,734	27	

Note #17 - Adjusted Contract 1252 Guideway Tunnel contingency "column g" to reflect construction contract modifications #20, #40, #41, #48 and #51 were funded by other funding sources.

Contract Modification/Trend Log - Contract 1252 Tunnel

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

Revised NTE Amount \$235,078,784.60
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
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

Connecting people. Connecting communities.

31	Launch Box - Slurry Wall Obstructions	COR 32, 34, 42, 43, 62, 65, 67	\$234,438.00	\$233,079,673.23
32	COR 8 + Markup - Associated w/ COR 001, COR 002, and COR 003	COR 1, 2, 3, 8	\$168,000.00	\$233,247,673.23
33	LB - Pre-Excavation for Slurry Walls	COR 015	\$125,000.00	\$233,372,673.23
34	Modifications to Tunnel Alignment at Market Street - Initial Design Costs	PCC 012 Part 1	\$39,930.00	\$233,412,603.23
35	Deleted AWSS Work at Union St. and Columbus Ave.	PCC 015	(\$187,181.00)	\$233,225,422.23
36	Curb Ramp Work at NE Corner of 4th and Harrison Streets (Force Account)	FA CO 011	\$5,023.00	\$233,230,445.23
37	Staging Yard Hazardous Material	COR 30, 54, 75	\$401,933.00	\$233,632,378.23
38	Modifications to AWSS Facilities at 4th and Bryant Streets	PCC 014	\$35,925.00	\$233,668,303.23
39	MOS N. Headwall Impacts, LB – Jet Grout Overrun	COR 85, 70	\$240,333.00	\$233,908,636.23
40	Culvert, Street & Sidewalk Restoration in N.Beach (includes QC testing)	PCC 20	\$694,651.00	funded by TEP
41	Install Water Main in North Beach	PCC 20	\$328,860.00	funded by SFPUC
42	UMS - Shoring Impacts due to 48" ATT Pipe at SW Headwall	COR 069	\$29,463.00	\$233,938,099.23
43	UMS Tangent Pile SRB-H DSC, UMS Jet Grout Column No. 18 DSC	COR 096, COR 102	\$60,870.00	\$233,998,969.23
44	Subcontractor Substitution	NA	\$0.00	\$233,998,969.23
45	Modifications to Tunnel Alignment - Construction Costs	PCC 12	\$883,693.00	\$234,882,662.23
46	MOS 20" Conflict with 16" AWSS @ South Headwall	COR 082	\$28,160.00	\$234,910,822.23
47	CDF Encasement on 42" RCP	COR 005	\$95,000.00	\$235,005,822.23
48	North Beach Water Main Additional Work	PCC 20	\$112,102.20	funded by SFPUC
49	Various CORS and FACOS; FACO 13-15, 17-19; COR 116, 118-121	FACO 13-15, 17-19; COR 116, 118-121	\$180,010.41	\$235,185,832.64
50	Contract Milestone Changes		\$0.00	\$235,185,832.64
51	PCC 020 - Supp 1 - North Beach Restoration, OCS and Streetlighting		\$155,468.17	funded by TEP
52	PCC 19 - Piping, Conduit and Casing at 4th Street Portal		\$11,678.00	\$235,197,510.64
53	COR 117 - Retrieval Shaft Impacts		\$30,278.08	\$235,227,788.72
54	Material Hardness at the Retrieval Shaft		\$166,182.81	\$235,393,971.53
55	PCC 020 - Supp 2 - North Beach Sewer Work		\$19,730.14	\$235,413,701.67
56	Deleted Water Utility Replacement/Water, Sewer, MRY and AWSS Design Changes	PCC 24, 28	(\$15,259.00)	\$235,398,442.67
57	YBM Concrete Overpour and Jet Grout at Headwalls	COR 072	(\$84,509.00)	\$235,313,933.67
58	Credit - Delete AWSS Material Supply		(\$201,288.32)	\$235,112,645.35
59	Credit - 1 No. AMTS Unit		(\$33,860.75)	\$235,078,784.60
Sub Total:			\$1,494,769.60	

Pending Contract Modifications		COR/PCC No.	Estimated	
Description			Amount	Time
I	Other Pending Contract Modifications	Cmod # TBD	\$170,653.95	
Sub Total:			\$170,653.95	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	\$839,676,400			
Substantial Completion	2/10/2018			
	UMS	CTS	YBM	STS
Potential Changes	15,199,562	3,467,349	3,718,314	3,543,992
Forecasted - Trends	4,657,951	1,702,683	569,087	248,808
Negotiation				
Change of date range to receive art	(10,001)			
UMS Geoprobe Credit	(15,600)			
UMS Powell St. Elevator Site Hazmat	16,028			
STS Traffic Signal and SL Changes				298,307
STS Comm and Elec Cabinets Relocati				67,221
STS - OCS Pole Changes				12,706
UMS - PCC 027 (Escalator Barricade)	(9,227)			
CTS-FACO#39- Soil Testing cmply OAB		5,478		
UMS-FACO #32 8" Waterline Conf NDSC	75,291			
UMS FACO #31 NDSC Incomplete PGE DB	165,944			
UMS-FACO #19 Street Light at Stock.	2,361			
STS-FACO #48 Work Related St Lght				2,051
UMS FACO #34 Becho Obstruct J Piles	7,435			
UMS FACO #45 Blocked Stubs PG&E	7,500			
UMS FACO #38 Pile H3 & H4 Piles	15,438			
UMS Transfer Instru BART Facilities	45,280			
UMS Sewer Line Conflict	744,465			
UMS MRY Duct Bank-East Conflict	41,038			
UMS FACO #52 NDSC Transite Pipe	4,497			
STS - PCC#28 Portal Dowels				(1,753)
STS Existing Fuel & Transite in MRY				32,443
YBM COR 64 Buried sheet pile P-7			409	
STS - Deletion of ARS (Revision 1)				(4,689,000)
STS COR 210 WD pit size increase				21,988
CTS PCC 001 Delete DB on Stockton		(84,018)		
STS COR #92 PG&E Vault Conf 12 AWSS				78,074
UMS - PCC #29 (Concrete Wale Suppt)	41,424			
CTS COR 041 FACO #4 JT Unid. Cond		28,026		
CTS-COR#201 Swr Line & Station Roof		46,046		
STS COR 272 Pier AWSS Conflict				24,287
STS COR 258 WD/PVC Conflict				87,511
STS COR 211 SW conf AWSS 4th/Freelo				4,561
STS COR #229 Multi E Util Conf w N				8,284
STS COR #88 Modify CBs and Culverts				4,395
STS COR 101 Cleaning for non-78" SW				58,906
STS COR 113 DSC PVC Conduit/WL Conf				11,997
STS COR 164 DSC 8" AWSS Lat Conf 78				4,077
STS COR #187 DB Conf w N 12 Water				37,012
STS COR #241 2-In WD Line w Offset				5,386
STS COR 254 DSC 4" Confl w 36" FM				25,197
STS COR 290 E CB PVC Confl WD AWSS				3,329
UMS COR 301 Concr. Overpour and PVC	14,792			

Contract Modification/Trend Log - Contract 1300 Stations

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

	UMS	CTS	YBM	STS
UMS - DCW and Hose Bibbs	29,159			
STS PCC 063 Del ATT/TSIC/PGE on 4th				(36,495)
STS COR 073 AWSS Incorrectly Shown				35,134
STS COR 067 FACO #41 GW Lead Filter				22,695
STS COR 090 Subsurface Obstrc				20,452
STS COR 091 PG&E Vault Conf 16" Wtr				40,001
STS COR 093 12" Water Conf 12" Tee				5,001
STS COR 094 Unknown DB Conf 12" Wtr				20,001
STS COR 074 AWSS Offset/Sewer Demo				108,384
STS COR 198 NDSC Out of Spec Cover				8,123
STS COR 367 DSC Conf w/ CP and FM				36,256
STS COR 371 Conflicts w/ 12" AWSS				8,402
STS PCC 066 Add CS ATCS Emer Stop B				205,873
STS COR 387 Oil Line Confl SW MH				6,124
YBM COR 385 PG&E Damage to Work			26,285	
UMS COR 391 AT&T Duct Bank Conflict	25,001			
UMS COR 389 4" Steel line asbestos	20,001			
STS COR 392 Util at 4th-Town SW MH				13,246
STS COR 401 AWSS Layout 4th/King				31,866
STS COR 409 Conc in confl w/ (N) FM				3,466
STS COR 416 Conc DB/wall/lines conf				81,783
USG Hydrant Relocation on Geary St.	65,163			
USG COR 415 Glass Roof Steel Elev.	10,001			
STS COR 443 AWSS Procurement Delay				5,777
STS COR 454 Addtl Conflicts w/ 8" W				91,409
USG Door Openings in Shear Walls	41,774			
UMS COR 466 Asbestos Conduit	21,344			
UMS COR 417 Redesigned Manhole	14,385			
STS COR 469 SW Cleaning 4th/King				1,836
UMS COR 489 TCP, Rdwy and USG Demo	100,001			
USG Removal of Existing Column	4,116			
YBM PCC 79 Install 12in WM to Howar			248,562	
YBM COR 249 Utility conflicts Folso			93,425	
STS COR 089 Extra Sewer Work				29,468
USG PCC 73 Acceleration of Work	102,203			
STS COR 480 Conc confl w (N) FM				886
YBM COR 248 Transite pipe Folsom			1,501	
UMS COR 493 Steel Shape Inside Pile	25,001			
UMS COR 510 6" VCP Side Sewer	19,696			
STS COR 519 Re-pressure test WD				2,739
STS COR 523 AV & GV on 8" WD Main				1,601
STS COR 530 Tunnel Track Machine				20,064
STS COR 536 Util in Conf w 36" FM				66,287
STS COR 558 CB in conf w AWSS				1,728
STS PCC 084 Removal of ATT DB & Vau				112,619

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	\$839,676,400			
Substantial Completion	2/10/2018			
	UMS	CTS	YBM	STS
USG PCC 87 Tiebacks, L2, GL 14-15	219,335			
UMS COR 565 GEN Emer Vent Design	500,001			
YBM COR 564 Concrete Encased PG&E			15,000	
UMS COR 579 Elevators 1-4 SFFD	41,648			
YBM COR 581 SFFD Montor Panel			29,862	
STS COR 584 Debris confl w/ culvert				6,275
CTS PCC#25 Stairs 5, 6, 7 Mods		30,387		
YBM PCC 82 Delete Scope Due to Hote			(39,025)	
STS PCC #51 Inventor Tmp Crossover				23,420
STS Track Switch Machine Change				391,909
STS COR 447 Added Exc for SFWD POC				29,423
STS COR 520 Lat Conf AWSS				3,867
STS COR 522 Thickened Str. Stan				7,046
STS COR 533 Conc wall confl util				39,170
STS COR 567 Loct of Plinth Breaks				5,000
CTS COR 582 Monitor at Agent Booth		95,958		
STS COR 601 Conc Enc in cn. w W lin				2,827
STS COR 615 Sump Pump Pit Cover				1,064
STS COR 621 Additional WD Exc. per				26,293
STS COR 623 Unkn Con Structure				2,966
STS COR 639 Util conf w/ 12" AWSS				27,197
STS COR 641 SW delay due to conf ut				10,025
STS COR 650 Asbestos conf w/ ATT DB				4,518
YBM PCC 76 AWSS, SSFM, WM Design			627,854	
CTS - PCC #036 (CMU Wall Bracing)		19,552		
UMS COR 636 Bi-Fold Door Tube Steel	24,911			
UMS COR 652 Elev. 1 & 2 Cond. Shaft	19,895			
UMS COR 661 Card Acc & Dr alrm Pnts	10,001			
STS COR 657 Tunnel Ca Bsn Dsn Chang				20,001
CTS COR 695 Mod to Grondng System		10,001		
STS COR 664 Threaded Dowels				10,001
UMS COR 689 Pil Ovstrss at Outrigrs	76,692			
YBM COR 711 Conduit for AC Swichgea			23,205	
CTS COR 706 Glas Canpy Trench Drain		10,001		
CTS COR 625 Added Cane Detc Rail		1,889		
CTS COR 626 Ad HSS & Plt @ H Beam		5,130		
CTS COR 627 Add HSS Col @ Tickt Mac		3,404		
STS COR 632 Omit Unist & add Anr Bt				2,180
STS COR 634 Forc Mn Dsn PCO 329				132,332
CTS COR 640 East Leg swer SlpIne		61,264		
STS COR 644 Wod Pier Cnf w AWSS				13,258
STS COR 655 Unkn Cnc St / cn w cbsn				1,224
STS COR 662 Foo cnf with catch bsn				1,257
STS COR 666 Ukn Con Vlt/con N36"				10,118
STS COR 677 Fir Supsion stnpip Mat				3,895

Contract Modification/Trend Log - Contract 1300 Stations

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

	UMS	CTS	YBM	STS
STS COR 703 Tunl Wakway Expn jnts				386
YBM COR 705 Del bems & Embds/Ven sh			(17,893)	
UMS COR 707 Prc /Ins Gas by PG& E	(9,680)			
UMS PCC 103 PG&E S.light at Maiden	6,831			
USG PCC 68 Ramp Barriers Handrail	33,214			
UMS COR 726 Beam 213 Stair Opening	10,001			
UMS COR 729 N&S Uti House Adv Ltbox	208,768			
YBM COR 732 Rstroom Fclty Wall Revs			10,001	
USG COR 734 Casing Column Conflict	10,001			
UMS COR 743 Ovrhd Bi-Fold Door SDs	10,001			
UMS COR 511 NDSC 10" VCP Culvert	8,320			
YBM COR 719 Elv 1&2 frm Trcn to Hyd			(5,000)	
YBM COR 724 Anti-Graffiti Film			100,000	
STS COR 736 Addition Rein Handholes				6,340
UMS PCC 115 Decking Support WT	(15,363)			
UMS PCC 122 Drain Piping Grout Dtls	630,104			
STS PCC 096 4th Street SW Slip Lini				216,048
UMS COR 770 Fiil Void Sp with CDF	1,943			
STS COR 751 Db in coflct 36" FM& MH				2,311
STS COR 755 AWSS Material Delay				1,495
STS COR 772 Reconn Unkn Prop Drn Ln				2,200
USG PCC 124 Irrigation Main	20,124			
USG PCC 127 Footing Elev Suvey Diff	13,771			
USG PCC 128 Dowls of Rbar Conn Dtls	170,189			
USG PCC 134 Temp South Wall Support	90,268			
USG COR 259 Lead Paint on Columns	87,455			
USG PCC 31 HVAC Trench Mod.	235,133			
STS COR 787 AT&T Dct Bnk InCw N 36"				35,001
UMS-Relocation of Traffic Signal Co	32,275			
UMS PCC 149 Solar/Low-e Coating	23,290			
UMS COR 781 Uilty Trench Supp Slab	20,001			
UMS COR 789 Strs 3&4 SOE Shotcrete	10,001			
CTS COR 795 Rmvl of Emr Push Buttns		10,001		
STS COR 803 SFMTA External IT Feeds				10,001
USG COR 805 Fotngs 16A As Built Dim	10,001			
STS COR 807 Tunnel Invret Slab				13,198
USG COR 509 Soil Nail Shotcrete Wal	896,524			
STS COR 785 Unkn Con STin con W Swr				8,344
USG COR 801 Column 14A Demolition	25,000			
USG PCC 110 Term of Built Up Colus	79,811			
YBM COR 806 Stair 1 embed submittal			(6,352)	
STS COR 813 Permissive Signal				10,001
USG COR 383 Slab Conn. at GL C&D	15,000			
STS COR 834 Thales ATCS TC Pwr Dist				10,001
UMS COR 341 PGE Conduit at Ellis St	3,113			

Contract Modification/Trend Log - Contract 1300 Stations

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

	UMS	CTS	YBM	STS
STS COR 823 Unkn Brck Ctch Basin				1,723
STS COR 829 Unkn Concrete Blanket				3,613
USG PCC 105 Adj to Row X and Row Y	31,108			
YBM COR 063 Buried objects in P-86			12,348	
YBM COR 86 AT&T Side Sewer Conflict			78,296	
YBM PCC 21 Delete Instrument & Monit			(50,195)	
YBM COR 390 Chip Mezzanine Headwall			55,602	
YBM COR 841 Design Chng Stair 1 run			7,638	
YBM COR 838 Abrasive Stair Nosing			19,807	
YBM COR 485 Chip Concourse Headwall			30,001	
YBM PCC 69 SW Bulb-out at Stair#1			40,001	
CTS COR 847 Jont Trnch Confg Chnge		10,001		
STS COR 852 Caltrans Encrocmnt Prmt				10,001
UMS COR 858 Esc Elc Pwr Cont Docms	20,840			
USG COR 868 Drainge Pipe & 6" Slab	10,001			
UMS COR 861 Fire Protec Deulge Vlve	10,001			
STS COR 633 Ligting Arrrests Signal				10,001
YBM PCC 061 Escalator Pit Provision			46,809	
YBM PCC 99 Art Glass Changes			34,040	
UMS COR 877 Elv Elc Powr Cont Docun	17,400			
STS COR 862 Tactile Warn Surf				10,001
STS COR 880 Ex Dbk in con Ins SC				10,001
USG COR 882 HSS Beam Termination	10,001			
CTS COR 876 Elv Elc Power Con Docs		10,001		
UMS COR 878 O'farrell Sewer Damage	10,001			
CTS COR 866 ATCS/Thals Sngl Pwr Sor		10,001		
UMS COR 885 Light Pole Foundation	10,001			
STS COR 891 Phase 2 Pavment Renvtin				10,001
CTS COR 899 Add Soil Samp & Testing		10,001		
UMS COR 902 CMU Wall Dril Epx Clarf	10,001			
USG PCC 174 Fan Trench Strut Clar.	2,430			
UMS PCC 86 Headwall Pile Conflict	8,982			
CTS COR 923 Esc Equip Room Size		10,001		
YBM COR 939 Broken Water Dept. Line			25,000	
STS COR 918 Accel Prem Time for Swr				13,199
STS PCC 052 Deletion of ARS Pt II				(177,246)
STS COR 976 Ex Unkwn Mnhl & Dct Bnk				10,001
USG PCC 141 Wtrproof & Drn at P	292,754			
UMS PCC 150 S. HW Wale Connection	26,640			
YBM COR 871 Elec Power Elevators 3&4			10,001	
CTS COR 957 Egress Shft Opening		10,001		
CTS COR 947 Shtcrt Filr Line @ slry		10,001		
CTS COR 961 Relocate VCP due to del		10,001		
CTS COR 966 5' TBM Segmt wdth		50,001		
USG COR 975 N Cncrs Invert Slab Slp	5,001			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	\$839,676,400			
Substantial Completion	2/10/2018			
	UMS	CTS	YBM	STS
STS COR 971 All Stns Rej of CCTV Sy				5,001
STS COR 979 (N) CB in Conf w/ (E) V				10,001
YBM COR 974 Fldng frm Brkn Wtr Mn			10,001	
CTS COR 643 Cncrt at S Pltfm Excvtn		10,000		
YBM COR 988 FHC & Phn @ Str 6 Cnflt			5,000	
STS COR 981 Ex 12" WM incorr				10,000
STS COR 965 DB conf w 8" WL and Sle				40,000
Proposed Contract Change (PCC)				
YBM_CTS PCC 33 Platform Gate Revisio			57,403	
CTS Delete PGE Work at Vault 732		(50,000)		
UMS MRY Duct Bank-West	54,981			
YBM PCC 56 OCS Pole Foundations			551	
CTS PCC 067 Wall Shift North Access		(1,097)		
UMS Preload Rqmt for Concourse Level	10,001			
UMS Jet Grout at O'Farrell	35,001			
YBM PCC 37 SFAC Node Sculpture			50,797	
YBM PCC 59 Pavers Basis of Design			7,516	
UMS Locate PG&E Conduits	20,001			
CTS PCC 083 Switchgear Breakers		30,001		
YBM PCC 85 Ticketing Hall Changes			(14,034)	
USG PCC 89 E. Light Pole Foundation	2,501			
UMS PCC 71 Rerouting of Slab Drains	0			
YBM PCC 91 Concourse Beam Revision			15,000	
UMS PCC 93 Ellis Deck Seismic Joint	10,001			
STS PCC 095 Frame/Grate Change				(50,001)
YBM PCC 97 Change Concourse Opening			8,020	
CTS PCC 98 Slurry Wall Wr Proofing		20,001		
USG PCC 101 Elev. Machine Rooms	10,000			
CTS PCC 104 Water Leak NE HH		20,001		
USG PCC 116 Demo Column, Const Beam	30,000			
UMS PCC 118 Elevator Hoist Beams	0			
CTS PCC 120 Prov Cond-Lft-net Systm		0		
STS PCC 121 PG&E Pnts Streetlightig				242,370
STS PCC 117 PDS Signs Moun Brackt				0
USG PCC 123 South Wall Ground Beams	4,001			
USG PCC 129 Escalator Work Point	75,000			
YBM PCC 130 HVAC VRV's			(23)	
USG PCC 133 Sheet Metal HVAC Duct	20,000			
UMS PCC 136 Transformer Vault 3138	8,199			
UMS PCC 94 Clean out MRY Ductbank	18,060			
USG PCC 102 Fire & Life Safety	40,000			
USG PCC 106 Edge of Slab for 8" Conn	10,001			
USG PCC 107 Light Pole Footings	10,001			
USG PCC 108 Con Wok chges du to DSC	10,001			
USG PCC 109 Rein Dtls for Struc Con	10,001			

Contract Modification/Trend Log - Contract 1300 Stations

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

	UMS	CTS	YBM	STS
USG PCC 111 Conc Cemo & Rev Con Dtl	10,001			
USG PCC 112 Glass Walk Roof System	10,001			
USG PCC 113 Elv/Esc Pit Floor Slope	10,001			
USG PCC 125 Foot,SOG & Str St Chang	50,001			
YBM PCC 131 Add Rec Room CN316			693	
YBM PCC 132 Raise Pit Floor Elev 4			60,000	
YBM PCC 138 Add Rec Room SU310			781	
YBM PCC 140 Stair 3, Escalators 1&2			20,000	
USG PCC 142 Storage Light & Elect.	22,000			
USG PCC 144 Conc. Finishing/Repairs	150,000			
YBM PCC 145 Stair 7/Escalators 3, 4			20,000	
USG PCC 147 Geary Streetlight	10,000			
YBM PCC 148 Elev.3, 4 Hoist Beam MP			40,000	
USG PCC 155 16-D Footing Demolition	18,000			
UMS PCC 153 Geary Catch Basin	(5,000)			
YBM PCC 126 Changes to Kiosks			50,000	
USG PCC 143 Wall Conn, at GL 10/B	1,500			
PCC 151 STS LED Street Lamps				33,001
YBM PCC 159 PG&E Ductbank Changes			(10,000)	
STS PCC 160 ATCS Change Reverse Run				400,001
STS PCC 114 Rev1 Stdpipe & Cond				30,001
USG PCC 154 Trench Drain at 17 Line	1,000			
USG PCC 156 CMU Footings	25,000			
USG PCC 157 Plaza Level Vent Shaft	0			
USG PCC 158 Elev. Pit CDF Backfill	0			
YBM PCC 162 Deluge Valve Door			20,000	
CTS PCC 167 Dm for Gl's Canopy on E		5,001		
UMS PCC 168 Swing Gates Attachment	9,000			
CTS PCC 169 JT, SW and PG&E Changes		10,001		
YBM PCC 171 Additional PTZ CCTV			2,000	
CTS PCC 177 Add Esc 5 & 6 Supp		1		
CTS PCC 178 Add Beams and Embeds		1		
CTS PCC 179 Added Gromets		1		
CTS PCC 180 Extra WD Work for 12" L		1		
USG PCC 164 GL 14 Waterproofing	37,934			
USG PCC 165 Arch. Precast Support	0			
USG PCC 175 Drainage Under Slab	0			
YBM PCC 182 Primers & Vents for FDs			75,000	
USG PCC 185 Wall at Line 10 and Hyd	0			
STS PCC 188 ATCS Pwr Src at CTS				1
GEN PCC 189 Anti-Graffiti Film			200,001	
UMS PCC 195 Reinf. of Wall to Slab	0			
UMS PCC 202 CIP Wall Connection	0			
CTS PCC 135 Esc 5/6 Addl Supp Locs		10,001		
UMS PCC 181 Plaza ADA Enhancements	7,500			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	\$839,676,400			
Substantial Completion	2/10/2018			
	UMS	CTS	YBM	STS
USG PCC 186 Bollard on Ramps	10,000			
USG PCC 190 Plaza Level Slab Detail	5,000			
UMS PCC 198 Ellis Deck Vertical Joi	0			
CTS PCC 119 Pltform Lvl Wall Art In		(10,001)		
YBM PCC 152 Elevator 1 & 2 changes			100,000	
STS PCC 161 Delete Plat ESPBs				(10,001)
UMS PCC 166 Revise Feeder Schedules	0			
CTS PCC 170 Add 2 Gate Vlvs Stockton		31,001		
GEN PCC 183 Electric Power Elevators			150,000	
YBM PCC 187 Escala. 1-4 HVAC changes			0	
UMS PCC 193 Lightbox & Glazed Door	21,000			
USG PCC 197 Precast Planter Pots	8,650			
USG PCC 199R-1 Delete Bm and Plntrs	5,000			
CTS PCC 204 Shrnk Ft Prnt Emer Shft		0		
STS PCC 206 Replace CCTV equipment				0
CTS PCC 207 SEM Sequencing Changes		0		
YBM PCC 208 Added Conduits Invert			0	
YBM PCC 209 Tract Power GRS Downsize			(1)	
YBM PCC 210 Elev 1&2 MRL to Hydraul			0	
Change Order Request (COR)				
UMS-FACO #50 UMS Parking Garage	10,659			
UMS-FACO #30 NDSC Inadequate CDF	157,462			
STS- AT&T Conduit Changes				22,290
CTS COR 255 Additional Instruments		429,777		
STS COR 270 SW AWSS Conflict				8,280
STS COR 297 TC for Track Work at 4t				150,001
UMS COR 110 DSC Obst. at JG Columns	2,062,420			
UMS E Vault Conflicting Pile Line	14,576			
UMS COR 300 14 HDPE at Geary	(307)			
STS COR 402 3x5 SW Confl w/ VCP SW				10,001
UMS COR 403 Waterproofing at BART	63,285			
STS COR 404 Contam Soil in MRY DB				12,303
STS COR 014 Addtl MNHS for 78" SW				20,217
STS COR 406 Addtl TC at 4th/King				675,001
STS COR 411 Delay 8" WL miss serv				7,501
CTS COR 405 Hyrdrocarbons in HH		17,485		
CTS COR 408 MSX Termination		191,291		
CTS COR 437 Unanticipated Elec @ Sh		50,001		
CTS COR 445 3x5 w/ HDPE/PVC Inside		10,001		
CTS COR 450 Switchgear Cubicles		100,001		
STS COR 451 PGE Vlt WD Line Confl				30,001
STS COR 455 Conflicts w/ 8" WD Line				10,001
STS COR 456 Conflicts w/ MRY Poles				20,001
UMS COR 393 Wrap 14" Sewer Line	4,131			
STS COR 461 WD Confl w/ Mult Utilit				100,001

Contract Modification/Trend Log - Contract 1300 Stations

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

	UMS	CTS	YBM	STS
STS COR 475 Removal of Fiber Optic				1,101
STS COR 476 Conc DB Conf w/ FH				25,001
STS COR 500 Tunnel Monuments				5,001
CTS COR 526 Connection b/t Wall & D		25,001		
CTS COR 527 Connection b/t Wall/Dec		40,939		
STS COR 531 ATT Confl w/ 36" FM				25,001
STS COR 491 Util in conf w/ 10" VCP				10,001
CTS COR 529 Rock Mass at Elev 37'		25,001		
UMS COR 499 48-inch Steel Casing	42,934			
STS COR 488 Tunnel Track Alignment				50,001
CTS COR 568 CMOD 019 Reservations		35,001		
CTS COR 574 Escalator supports		1		
UMS COR 590 Steel Line Conflict	892			
STS COR 559 Temporary Trolley Pole				15,001
CTS COR 583 Elev 1-4 SFFD monitor		53,619		
STS COR 604 Duct Bank in conf. w se				4,271
CTS COR 659 Add Grts at Sta Ag glas		1,537		
UMS COR 660 Added Grommets at Booth	1,134			
STS COR 665 Ov prd Lit Pl fdn in				901
CTS COR 670 Kitn Sink Piping		10,001		
STS COR 675 Dct bnk & 3" Gas Line				10,001
CTS COR 679 Gl Cutos & Add Sp hds		23,450		
STS COR 682 Shtdown #1 Rail Mods				9,432
STS COR 683 Gas Ln & unkn Duct Bank				5,001
UMS COR 687 Trant Pipe at St 134+00	497			
STS COR 688 Ukn Piers /conct N 12"				5,001
STS COR 694 Tr Rts in con/car pipes				5,001
STS COR 699 Dct Bnk in Cnf w 36"FM				20,001
STS COR 702 Brk Cs Bsn cnct w N Cuv				5,001
CTS COR 628 Add Beams and Embeds		8,331		
CTS COR 200 Dr & Dr Hrdwre for GFRC		7,797		
USG COR 293 Water on N.Concourse	1,832			
CTS COR 723 Strc GlS Asse Add Desig		0		
UMS COR 725 Seis Qu Cer for St Glze	10,738			
UMS COR 731 Drain Piping Grout	10,001			
UMS COR 747 NDSC Unidnfied Con Pile	50,001			
CTS COR 722 Elv 1-4 OH Str Host Bms		23,823		
STS COR 737 Dct Bnk infc w AT&T Rem				5,001
STS COR 766 Wood Pir inCon w N Pils				25,001
CTS COR 780 Aded Frit on Roof Panls		19,229		
STS COR 796 Woodn Piers Woodn Beams				10,001
UMS COR 798 Comp Grout Damage	50,001			
UMS COR 336 Vault on Grid Line 9	1,312			
UMS COR 338 Conflicts at O'Farrell	582			
STS COR 700 RFI-00795.1				142,836

Contract Modification/Trend Log - Contract 1300 Stations

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

	UMS	CTS	YBM	STS
USG COR 808 Dimensions at Escalator	0			
UMS COR 810 Unkn Bem @ M Macys Wall	10,001			
UMS COR 817 Odor at N. Concourse	100,000			
UMS COR 818 Install MRY Conduit	0			
CTS COR 824 Multiple Setups, Standb		1,387		
STS COR 826 DSC Swr Cap & I Beams				10,001
STS COR 833 Unknown Conc Blanket				5,001
STS COR 220 DSC Relocate MRY DB&Vlt				0
CTS COR 299 Removal of Interim SW		18,253		
CTS COR 681 Crss Cut Cvrn SEM Excvn		60,001		
CTS COR 686 Es & Gls Enc Slf Clning		6,716		
STS COR 821 Mounting Detail for Axl				50,001
YBM COR 825 Tunnel Segm Steel Fibers			153,380	
STS COR 844 4th & King Trcwrk Shtdn				705
UMS COR 845 Unidntfid Conc Obstrctn	10,001			
STS COR 846 Util Conf w/ 78" SW Crw				15,001
YBM COR 848 Chip Invert Headwall			30,000	
STS COR 849 brk Pen incof w 78" Swr				2,501
UMS COR 854 Unfid Mtl Obst @ Cor 25	10,001			
STS COR 855 Flooded Subgrade				20,001
STS COR 865 Sd Swr Mnhl & 15" Sw Ln				15,001
STS COR 873 Ex L3 DcBnk Incn Pv Ren				2,400,001
STS COR 875 Existing Railroad Ties				2,704
CTS COR 324 Strt to Beam Con@ G/L7		5,374		
UMS COR 658 Conc Culv InCo W Ex Ut	3,389			
STS COR 788 Add Basin & Culvert				28,843
STS COR 874 Inter Loc of MRY Dc Bk				20,001
UMS COR 883 Ventilation System FCP	0			
CTS COR 886 Extrm Hrd Grnd Condition		45,001		
STS COR 890 Ex Pll Box Incon Crb Rm				3,001
UMS COR 892 Escalator Raceways	492,065			
STS COR 893 Abnd Wtr Ser @St 175+21				1,635
STS COR 894 Ins I Bm for 3648 Shor				1,246
UMS COR 897 Light Pole Clar.	0			
STS COR 900 Ex PG&E Vlt @ Wrog Grde				30,001
UMS 903 Slab at Stair 3 and 4	0			
YBM COR 905 Invert Drawings			0	
UMS COR 913 Machine Room Size	0			
UMS COR 914 Glass Floor Connection	0			
STS COR 921 Exi Cond Clu incon/ Swr				6,001
STS COR 924 Ovpod Con inconf Catbsn				2,869
UMS COR 933 CMod for Option 2	0			
YBM COR 949 Escalator Raceways			0	
UMS COR 425 N Cncrs A-PI Strup Cnfg	3,911			
YBM COR 721 Elev 1& 2 Hoist Beam, MP			9,474	

Contract Modification/Trend Log - Contract 1300 Stations

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

	UMS	CTS	YBM	STS
UMS COR 779 E WI Bm Reinf Chng	6,651			
STS COR 791 CP5 Drainage Pipe BckFI				3,871
STS COR 909 PGE Gas Interruption				50,001
STS COR 911 E SW Conf w 48" SW				15,001
YBM COR 915 Escala. 1-4 HVAC changes			0	
CTS COR 917 Sprinkl Hnging Method		50,001		
STS COR 919 Add Feather to Hg Csts				10,001
STS COR 920 Hoist Beam Supports CP5				(1,932)
CTS COR 925 Cont Metal Ring		10,001		
STS COR 926 E TS conduits conf w pa				10,001
STS COR 927 E Gas Conf w N CB				3,001
STS COR 929 MH Conf w SW Grout				5,001
STS COR 930 SW Cracks Conf w Grout				5,001
STS COR 931 Tree Removal				2,998
STS COR 934 Revised Curb/Gutter				10,001
STS COR 937 ATCS Workstation Design				10,001
STS COR 941 E Ulti Conf w 78" SW Ca				10,001
STS COR 942 Radio Sys Prelim Design				50,001
STS COR 948 Sidewalk Elev Change				10,001
STS COR 950 Gas Conf w N 8" AWSS				5,001
STS COR 958 Trk Pave Change				50,001
UMS COR 959 Elev 3 & 4 Load	0			
YBM COR 960 N & S Head WI Rbr Chng			64,027	
STS COR 962 4th/King Incomp Hrdwr				34,448
STS COR 967 Lwr Lvl Can Per SFMTA				270
STS COR 969 Mv Stl Plts L Frm Twnsd				389
STS COR 970 16" WL Installation				50,001
YBM COR 982 Fir Alarm Submtl Rej			5,000	
STS COR 983 Ex Rbr in Cnflt w/ WL				2,500
YBM COR 984 Substitution Req for HDP			(36,194)	
STS COR 987 Unkn Utl conflt w/ (N)				5,000
CTS COR 993 Water in TBM Tunnel		10,000		
STS COR 995 E 3" Asbs Conduit Cnflt				10,000
STS COR 996 Prtl WI Cnflt w/ slab				25,000
STS COR 999 E 18" Steel Pipe Confli				10,000
YBM COR 1000 Added Raceway Instal			10,000	
STS COR 1001 Deficient Comcast Cond				5,000
YBM COR 1004 Fire Protection Submit			5,000	
UMS COR 992 PG&E Drawing Ellis	0			
Change Order - Pending				
CTS-Plaza Surface Level Struct Mods		(10,337)		
YBM COR 24 (E) gas In conflict AWSS			31,331	
UMS-FACO #25 OCS Pole@ Market/Ellis	2,015			
UMS FACO #53 NDSC Transite Pipe	61,055			
YBM COR 44 Buried concrete wall			29,801	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	\$839,676,400 2/10/2018			
	UMS	CTS	YBM	STS
YBM COR 116 Archaeological Discover			102,734	
CTS COR 040 FACO 002 Connect (E) DB		15,173		
YBM COR 49 Buried timber piles			78,399	
YBM COR 115 C1250 unencased JT			9,843	
UMS COR 189 NDSC Pipe Conflict	2,566			
YBM COR 240 Headhouse Contam. Mtl.			106,923	
STS COR #296 Mult E Util Confl AWSS				47,052
UMS Remove Fire Hose Valve	(1,915)			
CTS COR 372 DSC Potholing @ N Acces		9,846		
UMS COR 407 8 inch SS Line Conflict	4,647			
UMS FACO #29 BART Hazmat Abatement	11,856			
YBM COR 50 Contam soil along H Line			39,560	
YBM COR 459 AWSS / WD Conflict			75,154	
CTS COR 171 Mismarked gas line		6,185		
STS COR 570 Slab confl w/ AWSS				6,122
STS PCC #51 Inventor Tmp Crossover				21,245
YBM COR 566 WD Tie-In @ Folsom			1,992	
STS COR 619 Added WD POC Excavation				5,113
UMS PCC 100 Waterproofing and Drain	178,873			
YBM COR 45 Abandoned sewer not slur			7,719	
UMS COR 645 Notch Wales at N. HWall	98,841			
YBM COR 624 CMU Wall Supports			87,662	
YBM COR 692 Rebar to Base Plate TOD			13,034	
UMS COR 778 DSC (E) 6" & 8" St. Lne	1,558			
STS COR 479 Add Cut & Cap of 8" WL				8,376
CTS PCC 43 Removal of Bus Bulb		15,180		
USG COR 946 Two Abandoned Fuel Tank	61,312			
Approved	1,117,152	2,859,843	(359,786)	1,695,035
Contract Modification				
CMod #1 BART Elevator Option 1 @ Pow	90,000			
CMod #3 CTS Work Safely Ard Power Po		25,956		
CMod #5 YBM Deletion of Comp Groutin			(1,833,869)	
CMod #6 CTS Plaza Constr Supt Servi		75,000		
CMod #4 CTS-Force Account Change Or		130,000		
CMod #7 STS FACOs 016, 017 & COR 009				80,170
CMod #10 YBM PCC 042			64,287	
CMod #9 YBM COR 10,15,16,18,20,25			126,663	
CMod #11 UMS PCC 002	12,997			
CMod #12 STS Traffic Control				1,032,302
CMod #15 YBM COR 196			3,178	
CMod #16 UMS COR 184	8,261			
CMod #13 CTS COR 006		57,707		
CMod #19 CTS COR 007, 026		2,274,225		
CMod #20 YBM PCC 047 and 45			364,562	
CMod #22 UMS PCC 045, 046	16,198			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	\$839,676,400 2/10/2018			
	UMS	CTS	YBM	STS
CMod #23 UMS PCC 058	63,838			
CMod #30 YBM Various CORs			334,165	
CMod #31 UMS COR 595	53,701			
CMod #32 YBM Various PCCs			92,934	
CMod #36 YBM Conflict with Waterline			14,484	
CMod #41 YBM Class 2 Conta. Material			40,250	
CMod #42 UMS Addl. Service Conduits	36,873			
CMod #43 UMS D85 Structural Pile	65,188			
CMod #46 YBM/CTS/UMS S.walk Hatches			35,489	
CMod #44 UMS Grade 50 Steel	572,884			
CMod #47 UMS Roof Deck Schedule	76,124			
CMod #48 UMS Undgrnd. Storage Tanks	97,817			
CMod #51 YBM Various CORs and PCCs			24,875	
CMod #52 YBM Undgrnd. Storage Tanks			167,393	
CMod #8 STS PCC 006 ATT MH, PB&Trench				225,208
CMod #14 YBM COR 036, 078			58,526	
CMod #17 CTS CORs 001 053 & 069		54,322		
CMod #18 CTS PCC 012		60,248		
CMod #21 STS CORs 48/52/114/233/252				18,221
CMod #24 STS PCC 23				108,053
CMod #25 - Various CORs			59,113	
CMod #26 YBM COR 072			84,509	
CMod #27 UMS PCC 092	0			
CMod #28 CTS PCC 017.1		97,743		
CMod #29 STS PCC 009.1				(143,668)
CMod #33 CTS Various CORs		56,422		
CMod #34 CTS Various CORs		19,334		
CMod #35 STS PCC 077				11,147
CMod #37 CTS Various CORs		8,886		
CMod #38 STS Various CORs				52,553
CMod #39 UMS Various CORs	23,271			
CMod #40 YBM Analytical Soil Test			3,655	
CMod #45 PCC 008 Tunnel Lowering				107,285
CMod #49 STS DSC CORs				136,728
CMod #50 STS DSC CORs				67,036
Grand Total	16,316,714	6,327,192	3,358,528	5,239,027

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

Report Period: January 2017

		December 2016			January 2017				
Group by Contract & SCC	CATEGORY ITEM	December 2016 Base	December 2016 Allocated Contingency	December 2016 Base + Allocated Contingency (YOE)	January 2017 Base	January 2017 Allocated Contingency	January 2017 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [December 2016] vs. [January 2017]	Cost Report Notes
10-50	CONSTRUCTION CONTRACT PACKAGES	1,143,737,184	37,251,319	1,180,988,503	1,143,737,184	37,251,319	1,180,988,503	0	
1250	UTILITY RELOCATION PACKAGE #1	12,134,906		12,134,906	12,134,906		12,134,906	0	
	Contract 1250 Form B Credit	(2,275,419)		(2,275,419)	(2,275,419)		(2,275,419)	0	
1251	UTILITY RELOCATION PACKAGE #2	20,870,197		20,870,197	20,870,197		20,870,197	0	
	Contract 1251 Form B Credit	(7,618,412)		(7,618,412)	(7,618,412)		(7,618,412)	0	
1252	GUIDEWAY TUNNEL	235,078,785	834,715	235,913,500	235,078,785	834,715	235,913,500	0	29
	Contract 1252 Form B Credit	(254,050)		(254,050)	(254,050)		(254,050)	0	
1300	CN1300 STATIONS TOTAL	844,419,796	35,256,604	879,676,400	844,419,796	35,256,604	879,676,400	0	30
1253: UMS	UNION SQUARE/MARKET STREET STATION [UMS]	295,049,925	18,980,665	314,030,590	295,049,925	18,980,665	314,030,590	0	
	UMS 1253 Form B Credit	(528,370)		(528,370)	(528,370)		(528,370)	0	
1254: CTS	CHINA TOWN STATION [CTS]	250,352,653	7,215,157	257,567,810	250,352,653	7,215,157	257,567,810	0	
	CTS 1254 Form B Credit	(451,703)		(451,703)	(451,703)		(451,703)	0	
1255: YBM	YERBA BUENA/ MOSCONE STATION [YBM]	157,536,946	5,552,055	163,089,001	157,536,946	5,552,055	163,089,001	0	
	YBM 1255 Form B Credit	(100,000)		(100,000)	(100,000)		(100,000)	0	
1256: STS	SURFACE TRACKWORK & SYSTEMS [STS]	141,480,271	3,508,728	144,988,999	141,480,271	3,508,728	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	46,386,751	1,160,000	47,546,751	46,386,751	1,160,000	47,546,751	0	
40.06	PUBLIC ART PROGRAM	8,175,555	1,160,000	9,335,555	8,175,555	1,160,000	9,335,555	0	
40.02	MISC. CONSTR CONTRCT WK (TRACTION POWER FOR 1251)	258,202		258,202	258,202		258,202	0	
40.01	CONTRACT 1300 SOIL PROCESS	500,000		500,000	500,000		500,000	0	31
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	

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

Report Period: January 2017

		December 2016			January 2017				
Group by Contract & SCC	CATEGORY ITEM	December 2016 Base	December 2016 Allocated Contingency	December 2016 Base + Allocated Contingency (YOE)	January 2017 Base	January 2017 Allocated Contingency	January 2017 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [December 2016] vs. [January 2017]	Cost Report Notes
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	
40.02	DEPARTMENT OF PARKING AND TRAFFIC (DPT)	1,200,000		1,200,000	1,200,000		1,200,000	0	
50.03	UNION SQUARE/ MARKET STREET STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0	
50.03	UNION SQUARE/ MARKET STREET STATIONS PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0	
50.03	CHINATOWN STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0	
50.03	CHINATOWN STATION PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0	
50.03	YERBA BUENA/ MOSCONE STATION [YBM] POWER FEED	3,125,222		3,125,222	3,125,222		3,125,222	0	
50.03	YERBA BUENA/ MOSCONE STATION [YBM] PERMANENT POWER	(2,368,540)		(2,368,540)	(2,368,540)		(2,368,540)	0	
50.03	SURFACE STATION POWER FEED	11,839		11,839	11,839		11,839	0	
50.04	COMMUNICATION CONNECTION COSTS	5,757,629		5,757,629	5,757,629		5,757,629	0	
60	ROW, LAND, EXISTING IMPROVEMENTS	32,246,321	5,265,478	37,511,799	32,246,321	5,265,478	37,511,799	0	
60.01	PURCHASE OR LEASE OF REAL ESTATE	30,065,810	5,265,478	35,331,288	30,065,810	5,265,478	35,331,288	0	32
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	33
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	89,012,544	13,905,845	102,918,389	89,012,544	13,905,845	102,918,389	0	

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

Report Period: January 2017

		December 2016			January 2017				
Group by Contract & SCC	CATEGORY ITEM	December 2016 Base	December 2016 Allocated Contingency	December 2016 Base + Allocated Contingency (YOE)	January 2017 Base	January 2017 Allocated Contingency	January 2017 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [December 2016] vs. [January 2017]	Cost Report Notes
80.04	CONSTRUCTION ADMINISTRATION & MANAGEMENT	91,046,881	2,956,812	94,003,693	91,046,881	2,956,812	94,003,693	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	
	ALL SCC CATEGORIES 10 TO 80	1,499,810,546	73,814,529	1,573,625,076	1,499,810,546	73,814,529	1,573,625,076	0	34
90	UNALLOCATED CONTINGENCIES			4,674,927			4,674,927		35
	TOTAL PROJECT COST 10 TO 100			1,578,300,002			1,578,300,002		
	TOTAL CONTINGENCY			78,489,456			78,489,456		
	CONTINGENCY MINIMUM			60,000,000			60,000,000		
	BELOW OR ABOVE MINIMUM			18,489,456			18,489,456		

COST STATUS BY CATEGORY	SCC CODES	BUDGET December 2016	BUDGET TRANSFERS	BUDGET January 2017	January 2017 CTD	January 2017 EAC
CONSTRUCTION	SCC 010 - 050	1,180,988,504	0	1,180,988,504	747,329,259	1,170,405,903
REAL ESTATE	SCC 060	37,511,799	0	37,511,799	30,731,521	32,246,321
VEHICLES	SCC 070	26,385,653	0	26,385,653	2,147,782	13,309,000
PRELIM ENGINEERING	SCC 080.01	46,202,674	0	46,202,674	46,202,675	46,202,674
FINAL DESIGN	SCC 080.02	61,318,331	0	61,318,331	61,199,308	61,322,751
PM FOR DESIGN & CONSTRUCTION	SCC 080.03 - 080.04	196,922,082	0	196,922,082	126,904,325	180,059,425
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,296,033	0	24,296,033	11,476,809	22,933,191
UNALLOC CONTINGENCY	SCC 090	4,674,924	0	4,674,924		
Grand Total		1,578,300,000	0	1,578,300,000	1,025,991,679	1,526,479,266

SCC DESCRIPTION	January 2017 BUDGET	January 2017 CTD
010 - GUIDEWAY & TRACK ELEMENTS	285,227,879	217,787,724
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	589,942,387	315,619,523
040 - SITEWORK & SPECIAL CONDITIONS	210,572,927	191,017,142
050 - SYSTEMS	95,245,311	22,904,870
060 - ROW, LAND, EXISTING IMPROVEMENTS	37,511,799	30,731,521
070 - VEHICLES (number)	26,385,653	2,147,782
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	328,739,120	245,783,117
090 - UNALLOCATED CONTINGENCY	4,674,924	
Grand Total	1,578,300,000	1,025,991,679

SCC DESCRIPTION	January 2017 BUDGET	January 2017 CTD
010.02-Guideway: At grade semi-exclusive (allows cross-traffic)	2,860,000	145,000
010.06-Guideway: Underground cut & cover	69,816,407	61,758,677
010.07-Guideway: Underground tunnel	201,340,746	150,617,531
010.09-Track: Direct fixation	6,761,089	2,647,916
010.12-Track: Special (switches, turnouts)	4,449,637	2,618,600
020.01-At-grade station, stop, shelter, mall, terminal, platform	7,602,857	1,535,777
020.02-Aerial station, stop, shelter, mall, terminal, platform	3,508,728	0
020.03-Underground station, stop, shelter, mall, terminal, platform	557,128,965	310,590,038
020.07-Elevators, escalators	21,701,837	3,493,708
040.01-Demolition, Clearing, Earthwork	11,296,936	10,941,297
040.02-Site Utilities, Utility Relocation	59,133,711	60,707,137
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	7,345,298	4,470,650
040.04-Environmental mitigation, e.g. wetlands, historic/archeologic, parks	1,020,165	626,366
040.05-Site structures including retaining walls, sound walls	2,706,431	2,706,431
040.06-Pedestrian / bike access and accommodation, landscaping	9,790,995	2,306,065
040.07-Automobile, bus, van accessways including roads, parking lots	6,579,099	3,077,914
040.08-Temporary Facilities and other indirect costs during construction	112,700,292	106,181,283
050.01-Train control and signals	28,031,423	7,144,219
050.02-Traffic signals and crossing protection	12,562,529	8,970,787
050.03-Traction power supply: substations	21,465,073	5,254,411
050.04-Traction power distribution: catenary and third rail	12,441,113	1,364,449
050.05-Communications	12,030,586	171,003
050.06-Fare collection system and equipment	6,100,000	0
050.07-Central Control	2,614,586	1
060.01-Purchase or lease of real estate	35,331,288	28,322,091
060.02-Relocation of existing households and businesses	2,180,511	2,409,430
070.01-Light Rail	26,385,653	2,147,782
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	102,918,389	63,264,727
080.04-Construction Administration & Management	94,003,693	63,639,598
080.05-Professional Liability and other Non-Construction Insurance	6,800,000	6,340,196

SCC DESCRIPTION	January 2017 BUDGET	January 2017 CTD
080.06-Legal; Permits; Review Fees by other agencies, cities, etc.	8,262,604	4,304,907
080.07-Surveys, Testing, Investigation, Inspection	883,100	13,740
080.08-Start up	8,350,329	817,966
090.00-Unallocated Contingency	4,674,924	
Grand Total	1,578,300,000	1,025,991,679

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 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	36
11 - SFMTA PROJECT MANAGEMENT	8,828,359	8,253,957	0	0	8,253,957	574,403	37
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	11,425,594	0	38
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	0	39
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	319,335	2,025	0	319,335	(10,795)	39a
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	40
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	26,793,234	26,793,234	0	0	26,793,234	0	41
66 - ANIL VERMA	395,204	395,204	0	0	395,204	0	42
67 - HILL INTERNATIONAL CONTRACT 156	6,716,294	6,716,294	0	0	6,716,294	0	43
68 - ARTHUR GALLAGHER & 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	44
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	26,220,609	0	45
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	(0)	11,432,312	0	46
331 - BAY AREA RAPID TRANSIT (BART)	146,427	146,427	0	0	146,427	0	
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)	0	0	0	0	0	0	
TOTAL FINAL DESIGN	115,075,987	114,311,184	2,025	0	113,933,552	1,142,435	
11 - SFMTA PROJECT MANAGEMENT	15,589,933	8,483,360	210,820	198,567	8,681,928	6,908,005	
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	15,589,933	8,483,360	210,820	198,567	8,681,928	6,908,005	
12 - SFMTA ENGINEERING SERVICES	905,264	2,439,316	16,307	9,979	2,449,295	(525,713)	
1.3.012.02.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1252	123,582	57,648	0	0	57,648	65,934	
1.3.012.06.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1300	1,800,000	2,381,668	16,307	9,979	2,391,647	(591,647)	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
13 - SFMTA CONSTRUCTION MANAGEMENT	44,075,375	12,152,619	212,884	228,283	12,380,902	30,676,154	
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	43,057,057	12,152,619	212,884	228,283	12,380,902	30,676,154	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,588,074	1,859,893	13,349	53,674	1,913,566	2,003,423	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	85,019	0	1,391	86,411	213,189	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	73,550	0	210	73,760	201,140	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	117,539	883	1,545	119,084	119,316	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	215,212	3,661	6,901	222,114	654,763	
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	204,261	0	0	204,261	(204,261)	
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	252,536	0	0	252,536	6,584	
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	92,008	0	0	92,008	(92,008)	
1.3.016.03.040.08 - PCOS:1300/UMS [68CPT544132W.CPT544132W]	0	161,753	0	0	161,753	(161,753)	
1.3.016.05.040.08 - PCOS:1300/YBM [68CPT544132Y.CPT544132Y]	0	4,052	0	0	4,052	(4,052)	
1.3.016.09.040.08 - PCOS:1300/STS [68CPT544132Z.CPT544132Z]	0	119,485	8,805	43,626	163,111	(163,111)	
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	39,495	0	0	39,495	286,974	
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	13,026	0	0	13,026	286,974	
19 - OTHER SFMTA	700,000	944,829	0	0	944,829	(244,829)	
1.3.019.01.080.07 - OTH.MTA SURVEY AND TESTING	500,000	0	0	0	0	500,000	
1.3.019.07.080.07 - OTH.MTA SFMTA-SURVEY; TSTG [6840]	0	714	0	0	714	(714)	
1.3.019.08.040.08 - OTH.MTA 1251 MATERIALS	150,000	126,149	0	0	126,149	23,851	
1.3.019.08.080.08 - OTH.MTA OPERATION SUPPORT DUR	50,000	817,966	0	0	817,966	(767,966)	
21 - ARTS COMMISSION	12,010,885	2,898,815	27,881	13,047	2,911,862	9,099,024	
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION COSTS	4,772,555	0	0	0	0	4,772,555	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [1227]	2,030,147	388,167	0	0	388,167	1,641,980	47
1.3.021.01.080.04 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT54412]	21,000	11,386	0	0	11,386	9,614	
1.3.021.06.080.03 - ARTS:CTYCO-ARTS COMMISSION PM [285MC.132J]	158,970	526,973	5,963	6,122	533,095	(374,125)	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWA335MPFUNA.CPT54413]	0	5,418	0	0	5,418	(5,418)	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT54413]	0	4,082	1,433	0	4,082	(4,082)	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT5441327.CPT5441327]	1,500,000	1,393,660	0	0	1,393,660	106,340	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT5441327]	1,903,000	569,129	20,485	6,925	576,054	1,326,946	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [132J]	465,213	0	0	0	0	465,213	
1.3.021.97.040.06 - ARTS:ARTS COMMISSION ALLOC CO	1,160,000	0			0	1,160,000	
23 - CITY ATTORNEY'S OFFICE	2,171,781	1,201,093	0	81,849	1,282,942	888,839	
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	1,201,093	0	81,849	1,282,942	888,839	
25 - PUBLIC UTILITIES COMMISSION SEWER	(2,925,296)	0	0	0	0	(2,925,296)	
1.3.025.09.040.02 - STS.1256: SITE UTILITIES SFPUC SEWER MAIN	(2,925,296)					(2,925,296)	
26 - PLANNING	137,062	25,395	0	523	25,918	111,144	
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	25,395	0	523	25,918	111,144	
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	3,069,021	36,388	29,950	3,098,971	1,143,041	
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	508,800	0	0	508,800	(110,400)	
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	167,864	62	3,526	171,390	434,964	
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	30,780	417	492	31,272	198,728	
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	171,337	1,274	916	172,253	99,502	
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	11,839	0	0	11,839	103,161	
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPORT	450,282	310,861	0	6,183	317,044	133,238	
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	49,145	0	656	49,800	134,200	
1.3.028.06.040.02 - PUC:CMB CONTRACT 1300/SFWD AWSS MATERIAL	0	225,079	0	0	225,079	(225,079)	
1.3.028.07.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1250	248,035	291,501	0	0	291,501	(43,466)	
1.3.028.07.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1250	74,468	113,844	0	0	113,844	(39,376)	
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [445]	565,389	318,130	0	0	318,130	247,259	
1.3.028.08.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1251	266,252	289,424	0	0	289,424	(23,172)	
1.3.028.09.040.02 - PUC:CMB CONTRACT 1300/STS SUPPORT	520,077	348,965	29,547	12,951	361,916	158,161	
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTION	207,000	135,120	5,087	5,228	140,348	66,652	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	1,150,459	219,374	11,053	4,947	224,322	800,100	
1.3.032.01.080.04 - CM:DPW:1424J-BUREAU OF ENGINEERING (BOE) [AB12]	60,000	(285,405)	0	0	(285,405)	345,405	
1.3.032.03.080.04 - DPW IDC HYDRAULIC CN1300 UMS SUPPORT	297,938	24,040	3,487	1,465	25,505	272,433	
1.3.032.04.080.04 - DPW IDC HYDRAULIC CN1300 CTS SUPPORT	295,639	20,660	3,115	1,465	22,125	273,514	
1.3.032.05.080.04 - DPW IDC HYDRAULIC CN1300 YBM SUPPORT	301,882	30,502	555	0	30,502	271,380	
1.3.032.06.080.04 - DPW: BOE: 1300 DSDC	6,000	0	0	0	0	6,000	
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112B112]	0	85,275	0	0	85,275	(85,275)	72
1.3.032.06.080.04-1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112C112]	0	109,658	0	0	109,658	(109,658)	73
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112D112]	0	15,791	0	0	15,791	(15,791)	74
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112E112]	0	11,193	0	0	11,193	(11,193)	75

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.032.06.080.04 - 1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112F112]	0	107,798	0	0	107,798	(107,798)	76
1.3.032.06.080.04 - 1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112G112]	0	47,917	0	0	47,917	(47,917)	77
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	51,946	3,896	2,017	53,963	126,037	
34 - DPW - IDC CONSTRUCTION (CAPITAL)	6,695,348	5,366,243	77,657	65,219	5,431,462	1,263,886	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [CD12]	730,000	1,207,603	0	0	1,207,603	(477,603)	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [13AC12]	206,000	138,397	0	0	138,397	67,603	
1.3.034.01.080.04 - DPW:BCM LABOR [2113]	2,140,142	2,140,142	0	0	2,140,142	0	
1.3.034.06.080.04 - DPW:CONSTR:1300 CM [13CP12]	3,619,206	1,880,101	77,657	65,219	1,945,320	1,673,886	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	465,562	111,741	0	0	111,741	434,821	
1.3.036.01.080.04 - DPW:MPPG:DPW-BUREAU OF ST USE	417,129	32,680	0	0	32,680	384,449	
1.3.036.02.080.04 - DPW:MPPG:1300-DPW-BUREAU OF ST USE	0	33,084	0	0	33,084	(33,084)	
1.3.036.02.080.06 - DPW:MPPG:DPW-BUREAU OF ST USE	90,000	45,977	0	0	45,977	44,023	
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	942,284	0	0	942,284	(319,810)	
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]	24,343	24,343	0	0	24,343	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	58,757	10,109	0	0	10,109	48,648	
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 [134	18,632	16,880	0	0	16,880	1,753	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) - CN1300 [134	41,379	21,732	0	0	21,732	19,647	
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	624,453	1,703	0	624,453	4,066,028	
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	4,616,391	597,899	1,703	0	597,899	4,018,492	
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	15,829	0	0	15,829	39,171	
1.3.051.06.080.04 - ODC.HWRD:W/MTA INST WTR SVC @ STS&YBM TRAILER	9,090	9,669	0	0	9,669	(579)	
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)	48

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	42,373,401	31,766,789	500,000	491,970	32,258,759	10,114,642	
1.3.063.01.080.03 - CM:PM:AECOM.CS149 OM-EPC JV CS149-PM	9,507,939	6,849,127	200,000	(1,231,323)	5,617,804	3,890,135	49
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3B]	5,218,630	4,716,198	300,000	(1,846,985)	2,869,213	2,349,417	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3E]	7,000,000	7,982,813	0	0	7,982,813	(982,813)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3F]	0	5,126,832	0	0	5,126,832	(5,126,832)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3G]	0	0	0	3,436,805	3,436,805	(3,436,805)	
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	523,943	0	0	523,943	76,057	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9F]	0	461,196	0	0	461,196	(461,196)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9G]	0	0	0	133,472	133,472	(133,472)	
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	2,641,221	321,101	(211,190)	2,430,031	8,569,969	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1336]	600,000	920,426	0	0	920,426	(320,426)	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1337]	8,479,445	533,148	0	0	533,148	7,946,297	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. [1330]	1,000,000	127,261	0	0	127,261	872,739	
1.3.067.01.080.03 - HILL INTERNATIONAL CS156 AWP 2016 [68CPT5441340.CPT544	920,555	1,060,387	321,101	(211,190)	849,197	71,358	
69 - BAYLAND SOIL PROCESS CONTRACT 175	500,000	241,787	27,652	0	241,787	258,213	50
1.3.069.06.040.01 - BAYLAND.CS175:BAYLAND SOIL PROCESS [133K]	500,000	241,787	27,652	0	241,787	258,213	
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	1,358,950	2,056,645	15,000	15,000	2,071,645	(712,695)	
1.3.071.01.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1232]	0	(87,201)	0	0	(87,201)	87,201	51
1.3.071.02.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1332]	1,358,950	2,143,846	15,000	15,000	2,158,846	(799,896)	
72 - STATIONS - CONTRACT # CONTRACT 155-2	8,752,240	8,636,136	172,014	437,850	9,073,986	(321,746)	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	50,000	51,351	0	0	51,351	(1,351)	52
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	8,702,240	8,584,786	172,014	437,850	9,022,636	(320,396)	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	4,828,269	2,530,246	144,298	141,753	2,671,999	2,156,270	
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	2,440,456	144,298	141,753	2,582,208	2,156,061	
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	53
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	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
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	235,913,500	233,793,900	0	0	233,793,900	2,119,601	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	231,897,864	0	0	231,897,864	1,686,151	54
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGRN'D CUT	60,446,425	60,446,425	0	0	60,446,425	0	
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGROUND	105,423,090	105,164,927	0	0	105,164,927	258,163	
1.3.083.02.020.03 - CONTRACT 1252: STATIONS: UNDERGROUND	21,685,000	21,685,000	0	0	21,685,000	0	
1.3.083.02.040.01 - CONTRACT 1252:SITWORK:DEMO CLEARING	2,440,000	2,440,000	0	0	2,440,000	0	
1.3.083.02.040.02 - CONTRACT 1252:SITWORK:UTILITIES & RE	10,895,000	10,487,676	0	0	10,487,676	407,324	
1.3.083.02.040.03 - CONTRACT 1252:SITWORK:HAZMAT&MITIGAT	200,000	0	0	0	0	200,000	
1.3.083.02.040.04 - CONTRACT 1252:SITWORK:ENVIRON. MITIG	300,000	54,292	0	0	54,292	245,708	
1.3.083.02.040.06 - CONTRACT 1252:SITWORK:PED/BIKE ACCES	50,000	4,532	0	0	4,532	45,468	
1.3.083.02.040.07 - CONTRACT 1252:SITWORK:AUTO/BUS ACCES	1,345,000	1,345,000	0	0	1,345,000	0	
1.3.083.02.040.08 - CONTRACT 1252:SITWORK:TEMP FACILITIE	30,799,500	30,270,012	0	0	30,270,012	529,488	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs	1,494,770	1,896,036	0	0	1,896,036	(401,266)	55
1.3.083.83.010.06 - CONTRACT 1252: CONTRACT MOD	112,251	112,251	0	0	112,251	0	
1.3.083.83.010.07 - CONTRACT 1252: CONTRACT MOD	1,941,810	1,891,810	0	0	1,891,810	50,000	
1.3.083.83.020.03 - CONTRACT 1252: CONTRACT MOD	1,004,156	1,004,156	0	0	1,004,156	0	
1.3.083.83.040.02 - CONTRACT 1252: CONTRACT MOD	1,035,588	935,588	0	0	935,588	100,000	
1.3.083.83.040.03 - CONTRACT 1252: CONTRACT MOD	453,475	453,475	0	0	453,475	0	
1.3.083.83.040.08 - CONTRACT 1252: CONTRACT MOD	(3,052,510)	(2,501,244)	0	0	(2,501,244)	(551,266)	
1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CONTING	834,715	0	0	0	0	834,715	56
CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL	879,676,400	445,262,157	8,968,938	7,663,326	452,925,483	426,750,917	57
84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAGE 1253	294,030,590	179,064,354	3,673,478	2,564,386	181,628,740	112,401,850	20
1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	253,081,452	154,827,562	3,565,195	2,556,891	157,384,453	95,696,999	
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,465,694	1,374,096	0	0	1,374,096	8,091,598	
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	6,071,588	5,884,089	0	0	5,884,089	187,499	
1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	4,360,395	2,810,008	0	0	2,810,008	1,550,387	
1.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS	550,000	326,217	0	0	326,217	223,783	
1.3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA	244,500	231,010	0	0	231,010	13,490	
1.3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE	18,969	12,501	0	0	12,501	6,468	
1.3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE	1,158,410	54,201	0	0	54,201	1,104,209	
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	11,139,701	9,789,054	4,633	(46,505)	9,742,549	1,397,152	
1.3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND	4,773,076	3,670,576	103,650	50,000	3,720,576	1,052,500	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL	1,815,534	12,001	0	0	12,001	1,803,533	
1.3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR	216,957	66,038	0	0	66,038	150,919	
1.3.084.03.050.05 - UMS.1253: COMMUNICATIONS	1,134,314	7,001	0	4,000	11,001	1,123,313	
84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODs	1,117,152	445,362	280,403	175,777	621,139	496,013	
1.3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATION	37,456	21,258	0	0	21,258	16,198	
1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALATORS	90,000	90,000	0	0	90,000	0	
1.3.084.84.040.01 - CMOD:UMS.1253: DEMOLITION CLEARING	151,518	53,701	0	97,817	151,518	0	
1.3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL	762,054	204,279	204,279	77,960	282,239	479,815	
1.3.084.84.040.08 - CMOD:UMS.1253: TEMPORARY FACILITIES	76,124	76,124	76,124	0	76,124	0	
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING	18,882,848	0	0	0	0	18,882,848	58
85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254	247,567,810	124,227,839	2,299,105	2,189,885	126,417,724	121,150,086	
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND TUNNEL	76,417,579	38,518,092	2,182,040	1,784,340	40,302,432	36,115,147	
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	133,001,053	61,702,058	50,524	291,400	61,993,458	71,007,595	
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,812,856	1,225,001	0	0	1,225,001	5,587,855	
1.3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING	400,000	400,000	0	0	400,000	0	
1.3.085.04.040.02 - CTS.1254: SITE UTILITIES UTIL	6,001,718	4,817,936	38,850	20,650	4,838,586	1,163,132	
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	350,000	12,500	0	0	12,500	337,500	
1.3.085.04.040.04 - CTS.1254: ENVIRONMENTAL MITIGA	325,665	206,064	0	0	206,064	119,601	
1.3.085.04.040.06 - CTS.1254: PEDESTRIAN/BIKE	15,000	0	0	0	0	15,000	
1.3.085.04.040.07 - CTS.1254: AUTOMOBILE BUS ACCE	225,677	27,500	0	0	27,500	198,177	
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	16,571,322	15,885,512	10,000	10,000	15,895,512	675,810	
1.3.085.04.050.02 - CTS.1254: TRAFFIC SIGNALS AND	1,599,593	1,065,935	17,691	73,295	1,139,230	460,363	
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,063,927	311,500	0	0	311,500	3,752,427	
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTRIBUTION	124,481	51,240	0	8,200	59,440	65,041	
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	1,658,938	4,500	0	2,000	6,500	1,652,438	
85 - CHINATOWN STATION (CTS) CMODs	2,784,843	1,459,474	8,886	0	1,459,474	1,325,369	59
1.3.085.85.040.01 - CMOD:CTS.1254: POWER POLE	155,956	148,212	0	0	148,212	7,744	
1.3.085.85.040.02 - CMOD:CTS.1254: SITE UTILITIES UTIL	296,955	291,120	8,886	0	291,120	5,835	
1.3.085.85.040.03 - CMOD:CTS.1254: HAZARDOUS MATERIALS	2,274,225	962,435	0	0	962,435	1,311,790	
1.3.085.85.040.08 - CMOD:CTS.1254: TEMPORARY FACILITIES	57,707	57,707	0	0	57,707	0	
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	7,215,157	0	0	0	0	7,215,157	60
86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255	158,089,000	93,003,476	1,494,433	1,795,742	94,799,218	63,289,782	
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	118,405,840	68,690,272	1,250,450	1,645,309	70,335,581	48,070,259	
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,333,287	804,611	0	0	804,611	4,528,676	
1.3.086.05.040.01 - YBM.1255: DEMOLITION CLEARING	657,000	657,000	0	0	657,000	0	
1.3.086.05.040.02 - YBM.1255: SITE UTILITIES UTIL	7,163,278	6,199,200	30,000	0	6,199,200	964,078	
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,629,439	1,864,906	159,400	0	1,864,906	764,533	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.086.05.040.04 - YBM.1255: ENVIRONMENTAL MITIGA	100,000	100,000	0	0	100,000	0	
1.3.086.05.040.06 - YBM.1255: PEDESTRIAN/BIKE	16,665	1	0	0	1	16,664	
1.3.086.05.040.07 - YBM.1255: AUTOMOBILE BUS ACCE	1,542,725	645,701	0	104,600	750,301	792,424	
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,564,753	12,459,146	10,000	10,000	12,469,146	3,095,607	
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	1,726,492	1,454,088	33,333	33,333	1,487,421	239,071	
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,708,425	116,550	11,250	2,500	119,050	3,589,375	
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	1,241,096	12,001	0	0	12,001	1,229,095	
86 - YERBA BUENA MOSCONE STATION (YBM) CMODs	(552,054)	(883,881)	3,655	0	(883,881)	331,827	
1.3.086.86.020.03 - CMOD:YBM.1255: UNDERGROUND STATION	(1,833,869)	(1,833,869)	0	0	(1,833,869)	0	
1.3.086.86.040.01 - CMOD:YBM.1255: DEMOLITION CLEARING	98,993	98,993	0	0	98,993	0	
1.3.086.86.040.02 - CMOD:YBM.1255: SITE UTILITIES UTIL	1,100,250	803,912	0	0	803,912	296,338	
1.3.086.86.040.03 - CMOD:YBM.1255: HAZARDOUS MATERIALS	43,905	43,905	3,655	0	43,905	0	
1.3.086.86.040.06 - CMOD:YBM.1255: PEDESTRIAN/BIKE	35,489	0	0	0	0	35,489	
1.3.086.86.040.08 - CMOD:YBM.1255: TEMPORARY FACILITIES	3,178	3,178	0	0	3,178	0	
1.3.086.96.020.03 - YBM.1255: AC: ALLOC CONTING	5,552,055	0	0	0	0	5,552,055	61
87 - SURFACE TRACKWORK AND SYSTEMS -WORK PACKAGE 1256	139,989,000	46,429,981	1,195,978	879,808	47,309,789	92,679,211	
1.3.087.09.010.02 - STS.1256: GUIDEWAY: AT-GRADE SEMI-EXCLUSIVE (ALLOWS	2,860,000	145,000	0	0	145,000	2,715,000	
1.3.087.09.010.06 - STS.1256: GUIDEWAY: UNDERGROUND CUT & CVR	9,257,731	1,125,001	0	75,000	1,200,001	8,057,730	
1.3.087.09.010.07 - STS.1256: GUIDEWAY: UNDERGROUN	16,723,552	3,129,183	218,500	129,180	3,258,363	13,465,189	
1.3.087.09.010.09 - STS.1256: TRACK DIRECT FIXATION	6,761,089	2,647,916	0	0	2,647,916	4,113,174	
1.3.087.09.010.12 - STS.1256: TRACK: SPECIAL	4,449,637	2,618,600	0	0	2,618,600	1,831,037	
1.3.087.09.020.01 - STS.1256: AT-GRADE STATION	7,602,857	1,535,777	0	0	1,535,777	6,067,080	
1.3.087.09.040.02 - STS.1256: SITE UTILITIES, UTILITY RELOCA	17,464,046	10,492,884	469,800	389,100	10,881,984	6,582,062	
1.3.087.09.040.03 - STS.1256: HAZARDOUS MATERIALS	200,000	182,960	3,000	(20,000)	162,960	37,040	
1.3.087.09.040.04 - STS.1256: ENVIRONMENTAL MITIGATION	50,000	50,000	0	(15,000)	35,000	15,000	
1.3.087.09.040.07 - STS.1256: AUTOMOBILE BUS ACCE	2,116,925	660,550	279,375	50,000	710,550	1,406,375	
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	13,896,832	11,111,273	0	79,700	11,190,973	2,705,858	
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL AND SIGNALS	27,543,451	7,094,219	0	0	7,094,219	20,449,232	
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	4,463,368	2,605,782	66,343	17,778	2,623,560	1,839,808	
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	9,889,014	1,887,898	1,845	174,050	2,061,948	7,827,066	
1.3.087.09.050.04 - STS.1256: TRACTION POWER DISTRIBUTION	6,099,675	1,001,437	67,115	0	1,001,437	5,098,238	
1.3.087.09.050.05 - STS.1256: COMMUNICATIONS	7,996,237	141,500	90,000	0	141,500	7,854,737	
1.3.087.09.050.07 - STS.1256: CENTRAL CONTROL	2,614,586	1	0	0	1	2,614,585	
87 - SURFACE TRACKWORK AND SYSTEMS (STS) CMODs	1,627,999	1,515,552	13,000	57,728	1,573,280	54,719	
1.3.087.89.040.02 - CMOD:STS.1256: SITE UTILITIES, UTILITY RELOCA	577,476	465,984	0	136,728	602,712	(25,236)	
1.3.087.89.040.03 - CMOD:STS.1256: HAZARDOUS MATERIALS	18,221	18,219	0	0	18,219	2	
1.3.087.89.040.08 - CMOD:STS.1256: TEMPORARY FACILITIES	1,032,302	1,031,349	13,000	(79,000)	952,349	79,953	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	3,372,000	0	0	0	0	3,372,000	58
141 - CONSTRUCTION ADMINISTRATION	2,956,812	0	0	0	0	2,956,812	
1.3.141.97.080.04 - CONSTR.ADMIN:ALLOC CONTING	2,956,812					2,956,812	
142 - LEGAL/PERMITS	2,014,204	0	0	0	0	2,014,204	
1.3.142.01.080.06 - LGL.PRMTSF:LEGAL; PERMITS	2,014,204	0	0	0	0	2,014,204	
144 - STARTUP	8,300,329	0	0	0	0	8,300,329	
1.3.144.01.080.08 - STRT: STARTUP	6,941,907	0	0	0	0	6,941,907	
1.3.144.97.080.08 - STRTA: AC STARTUP ALLOC CONTIN	1,358,422					1,358,422	
151 - TEMPORARY LICENSE AGREEMENT	17,000	0	0	0	0	17,000	
1.3.151.01.080.06 - TEMP.LICPORARY LICENSE AGREEME	17,000	0	0	0	0	17,000	
170 - COMMUNICATIONS CONNECTIONS	5,757,629	0	0	0	0	5,757,629	
1.3.170.01.050.04 - COMM.CONNN:COMMUNICATION CONN	5,757,629	0	0	0	0	5,757,629	
181 - AON RISK INSURANCE CS 163	18,113,750	18,798,132	0	0	18,798,132	(684,382)	
1.3.181.01.040.08 - AON.CS163 AON RISK INS.	18,088,750	18,773,132	0	0	18,773,132	(684,382)	
1.3.181.01.080.03 - AON.CS171 AON RISK INS. STUDY	25,000	25,000	0	0	25,000	0	
191 - FARE COLLECTION CONTRACTOR	5,400,000	0	0	0	0	5,400,000	
1.3.191.01.050.06 - FARE.CONSUM:FARE COLLECTION	5,400,000	0	0	0	0	5,400,000	
192 - THALES T&S CENTRAL CONTROL	487,972	50,000	0	0	50,000	437,972	
1.3.192.01.050.01 - THALES T&S ATCS	487,972	50,000	0	0	50,000	437,972	
202 - JOC2-022.0	63,938	0	0	0	0	63,938	
1.3.202.01.040.02 - JOC2-022:15&22 POTHOLING UTIL1 LGHT FNDS	63,938	0	0	0	0	63,938	
203 - JOC2-029.0	53,317	0	0	0	0	53,317	
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	53,317	
302 - PG&E	1,988,173	2,749,912	0	0	2,749,912	(761,739)	
1.3.302.03.050.03 - PGE PERMANENT POWER UMS	(2,350,000)	0	0	0	0	(2,350,000)	
1.3.302.03.050.03 - PGE POWER FEED UMS	2,959,826	115,690	0	0	115,690	2,844,136	
1.3.302.04.050.03 - PGE PERMANENT POWER CTS	(2,350,000)	0	0	0	0	(2,350,000)	
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	62,112	0	0	62,112	84,388	
1.3.333.01.080.03 - APTA:APTA - IRP [2G]	46,500	31,054	0	0	31,054	15,446	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
1.3.333.01.080.03 - APTA:APTA - IRP [2C]	100,000	31,058	0	0	31,058	68,942	
334 - BART FARE COLLECTION SYSTEM	700,000	0	0	0	0	700,000	
1.3.334.01.050.06 - BART:BART FARE COLLECTION EQP	700,000	0	0	0	0	700,000	
401 - ECONOMIC AND WORKFORCE DEVELOPMENT (EWD)	17,600	17,600	0	0	17,600	0	
1.3.401.01.080.04 - EWD: MAYORS OFFICE ECON DEV	17,600	17,600	0	0	17,600	0	
402 - DEPARTMENT OF TECHNOLOGY	242,371	237,534	0	0	237,534	4,837	
1.3.402.07.050.04 - DT:1UTL:COMM. CONNECTIONS	166,756	166,179	0	0	166,179	577	
1.3.402.08.050.04 - DT:2UTL:COMM.CONNECTIONS	75,615	71,354	0	0	71,354	4,261	
404 - DEPARTMENT OF BUILDING INSPECTION (DBI)	1,204,081	1,204,081	0	0	1,204,081	0	
1.3.404.01.080.06 - DPT OF BUILDING INSPECTION	1,204,081	1,204,081	0	0	1,204,081	0	
491 - FORM B - REIMBURSEMENT	(12,227,954)	0	0	0	0	(12,227,954)	
1.3.491.02.040.02 - FORMB - CONTRACT 1252 UTILITY REIMBUR	(254,050)	0			0	(254,050)	63
1.3.491.03.040.02 - FORMB - UMS:CONTRACT 1300 UTILITY REIMBURSEMENT	(528,370)	0			0	(528,370)	64
1.3.491.04.040.02 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEMENT	(451,703)	0			0	(451,703)	65
1.3.491.05.040.02 - FORMB - YBM:CONTRACT 1300 UTILITY REIMBURSEMENT	(100,000)	0			0	(100,000)	66
1.3.491.06.040.02 - FORMB - CONTRACT 1300 UTILITY REIMBUR	0	0			0	0	67
1.3.491.07.040.02 - FORMB - CONTRACT 1250 UTILITY REIMBUR	(2,275,419)	0			0	(2,275,419)	68
1.3.491.08.040.02 - FORMB - CONTRACT 1251 UTILITY REIMBUR	(7,618,412)	0			0	(7,618,412)	69
1.3.491.09.040.02 - FORMB - STS:CONTRACT 1300 UTILITY REIMBURSEMENT	(1,000,000)	0			0	(1,000,000)	66
TOTAL CONSTRUCTION PHASE	1,348,215,481	823,140,289	10,757,043	9,224,746	832,742,667	515,683,161	
1.4.091.01.070.01 - LRVS: LIGHT RAIL VEHICLES RFP [34B]	1,325,000	1,319,773	0	0	1,319,773	5,227	
1.4.091.01.070.01 - LRVS: LIGHT RAIL VEHICLES PROJECT MGT [68E]	827,132	828,009	0	0	828,009	(877)	
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	23
TOTAL VEHICLES	26,385,653	2,147,782	0	0	2,147,782	24,237,871	
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	16,523,400	14,307,667	0	0	14,307,667	2,215,733	
1.5.015.01.060.01 - RE: REAL ESTATE	750,000	766,272	0	0	766,272	(16,272)	
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	2,686,000	2,686,000	0	0	2,686,000	0	
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	5,265,478					5,265,478	
1.5.023.01.060.01 - ATTY:REAL ES	2,212,882	2,764,310	0	64	2,764,373	(551,491)	
1.5.101.01.060.02 - RES.RELO: RELOCATION COST	1,275,200	1,289,701	0	0	1,289,701	(14,501)	
1.5.102.01.060.02 - COMM.RELO-RELOC COMMERCIAL	905,311	1,119,729	0	0	1,119,729	(214,418)	
TOTAL ROW, LAND, EXISTING IMPROVEMENTS	37,405,895	30,625,553	0	64	30,625,617	6,780,278	

[A] Cost Account Description	BUDGET	ACTUAL COSTS				[G] VARIANCE (B - F)	COST REPORT NOTES
	[B] January 2017 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total		
90 - CONTINGENCY	78,254,909					78,254,909	
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	4,674,924					4,674,924	71
TOTAL ALLOCATED CONTINGENCY	73,579,985					73,579,985	
TOTAL PROJECT COST	1,578,300,001	1,016,766,869	10,759,068	9,224,810	1,025,991,679	552,518,670	

7.1 Program Project Budget	
1	The Central Subway Project (CSP) (SFMTA Capital Program CPT 544) is defined in the FTA-SFMTA October 2012 Full Funding Grant Agreement with a budget of \$1.578 billion.
2	The TBM Retrieval Shaft Relocation (SFMTA Capital Program CPT 690) is one of four capital projects that is related to CSP. These projects are reported for background information as needed outside of the main body of the Project Monthly Progress Report.
3	The Chinatown Plaza (CPT 718) is for Chinatown Station enhancement capital project. The project has funding outside of the Central Subway Project. The construction is carried out in Contract 1300 Contract Modifications.
4	CPT 665 is a Real Estate project to relocation in compliance with California regulations for business relocations but outside of the Central Subway Project as defined by the FTA FFGA.
5	CPT 705 is an SFMTA capital improvement between the Agency and community stakeholders outside of the Central Subway Project.
6	Utility company reimbursements (Form B) result in funds received for work carried out on behalf of utilities concurrent to CSP work to achieve efficiencies.
7	PG&E Power Feed reimbursement funds are the refunds from PG&E when completion of Stations construction and switch to permanent power.
8	BART Elevator funds are reimbursements for work carried out on behalf of BART to install BART Powell Street Station elevator.
9	The Tutor Perini - CAD Files funds are the result of payments by the contractor for project documentation not included in the contract.
10	SFPUC Sewer Main funds are reimbursements for work carried out on behalf of San Francisco PUC (includes 10% construction contingency).
11	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.
12	SFPUC 24" Water Main funds are reimbursements for work carried out in Contract 1252 Contract Modification #41 on behalf of San Francisco PUC (includes construction management cost).
13	SFPUC North Beach 24" Water Main Additional Work funds are reimbursements for work carried out in Contract 1252 Contract Modification #48 on behalf of San Francisco PUC (includes construction management cost).
14	CN1300 Contract Modification #6 is funded by Chinatown Plaza (CPT 718) project.
15	Traffic Effectiveness Project funded Contract Modification #51 for support for North Beach Restoration, OCS and Streetlighting which are reimbursements for work carried out in Contract 1252.
16	Public Works' funds are for reimbursements for work carried out on behalf of Public Works MOU for Water Line aboe YBM Station.

7.4 Contingency Management Trend Report	
17	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.
18	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.
19	Contract 1252 Original Contract Value "column a" and Original Contingency "column f" did not match September 2013 Supplemental due to Supplemental were used the revised value to reflect Contract Modifications #3-#18. Reduced Contract 1252 contingency to reflect CMod #20 for retrieval shaft relocation cost \$5.15M funded by CPT690, CMod #40 for Culvert, Street & Sidewalk Restoration cost \$694,651 funded by Traffic Effectiveness Project (TEP), and CMod #41 for install 24" Water Main in North Beach cost \$328,860 funded by SFPUC. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2106 report, reduced Contract 1252 contingency by \$377,435 cost to reflect certification of five CMODS. CMod#49, #52 and #53 total \$221,967 are funded by CPS. CMod#51 Support for North Beach Restoration, OCS and Streetlighting cost of \$155,468 is being funded by TEP. Released \$155,468 CN1252 allocated contingency to program's unallocated contingency. In May 2016 report, reduced Contract 1252 contingency by \$185,913 cost to reflect certification of two CMODS. In July 2016 report, increased Contract 1252 contingency by \$15,259 cost to reflect certification of one CMOD. In October 2016 report, increased Contract 1252 contingency by \$319,658 to reflect certification of three credit CMODs.
20	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.
21	In March 2016 Report, lowered Contract 1300 Stations CTS contingency by \$75,000 because Contract Modification #6 was funded by Project CPT718. The \$75,000 has been transferred to program's unallocated contingency.
22	In April 2015 report, real estate budget stated in RAMP Rev5 is \$36.7M, including \$1M contingency. The cost workbook ROW & contingency budget reflects this with \$36,511,799 and \$1,000,000 respectively. Revised costbook ROW budget & contingency to be \$37,511,799. The \$4,265,478 Caltrans lease savings is allocated to ROW allocated contingency.
23	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.
24	In Oct 2014 Report, made two corrections: i) revised Professional Services, Original Contract Value "column a" from \$310,518,041 to \$310,618,041, ii) revised Original Congency. "column f" unallocated contingency from \$3,883,481 to \$3,845,945. In April 2015 report, used \$500K program contingency for CS-175 Bayland Soil Process contract. In August 2015 Report, added \$15M from Contract 1252. In March 2016 Report, the \$155,468 costs funded by other project offset credits and \$75K funded by CPT718 added to program's unallocated contingency. In August 2016 Report, moved \$15M to UMS contingency and \$5M to CTS contingency. In November 2016 report, moved \$75,00 from program's unallocated contingency to CTS unallocated contingency.

25	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.
26	Estimate at Completion is shown at Column "e".
27	Estimate at Completion vs. Budget variance is shown at Column "k".

7.5 Contract Modification/Trend Log - Contract 1300 Stations

28	Reported all trend cost for Contractor Change Order Requests and Proposed Contract Change and applied probability to forecasted trends. In April 2016 Report, reviewed probability formula and adjusted cost.
----	---

7.6 Budget Revisions: Report Sorted by Construction Packages

29	In Dec 2014 Report, reduced CN1252 allocated contingency by \$28K to execute Contract Modification #46, see Report 7.5 Detail Contingency Usage Report. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2016 report, five contract modifications certified totaling \$377,435 of which \$155,468 is using another source of funding. Released \$155,648 from CN1252 Tunnel assigned contingency to program unallocated contingency. In May 2016 Report, reduced CN1252 allocated contingency by \$186K to execute Contract Modification #54 and #55, see Report 7.5 Detail Contingency Usage Report. In October 2016 Report, increased CN1252 allocated contingency by \$319,658 to execute three contract modifications (#57, #58 and #59), see Report 7.5 Detail Contingency Usage Report.
30	In March 2016 Report, lowered Contract 1300 Stations CTS contingency by \$75,000 because Contract Modification #6 was funded by Project CPT718. The \$75,000 has been transferred to program's unallocated contingency. Refer to Report Note #19
31	Budget for Soil Process contract.
32	Program contingency increased by \$5,265,478. Refer to Report Note #20.
33	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.
34	In October 2016 report, 1252 program contingency increased by \$319,658 due to execution of three contract modifications as credit offsets. In November 2016 report, took away \$75,000 funding from program's unallocated contingency and moved to CTS allocated contingency.
35	In April 2015 report, program contingency decreased by \$500,000. Refer to Reports #20. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2016 report, released \$155,468 from Contract 1252 Tunnel assigned contingency and \$75,000 from Contract 1300 Stations assigned contingency totaling \$230,956. In August 2016, released a total of \$20M unassigned contingency to assigned contingency; \$15M to CN1300 UMS station and \$5M to CTS station. In November 2016, released a total of \$75,000 from program's unallocated contingency to CTS allocated contingency.

7.9 Detail Monthly Expenditure Report	
Phase 1 Preliminary Engineering	
36	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	
37	Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.
38	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.
39	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]
39a	In December 2016 Report, Central Subway Project has re-activated CSA Audit Work Order to perform overhead audit for three consultant forms.
40	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]
41	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]
42	AVA Cost \$395,204 is reported in Phase 2 Final Design 1.2.066.01.080.03
43	In January 2017 Report, remove variance amount of (\$920,555) that was incorrectly reported in August 2016.
44	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]
45	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]

46	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	
47	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
48	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
49	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]
50	Used \$500K program contingency for CS-175 Bayland Soil Process contract. Refer to Report Notes #20.
51	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]
52	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]
53	Contract 1251 Final cost is \$20,794,582.
54	In March 2016, July 2016 and October 2016, contract 1252 modifications budget and actuals have been realigned and adjusted to reflect actuals costs.
55	In March 2016, July 2016 and October 2016, contract 1252 modifications budget and actuals have been realigned and adjusted to reflect actuals costs.
56	In July 2015 Report, used Contract 1300 Contractor schedule to report budget and actual cost. The Standard Cost Categories (SCC) allocation changed from previous reports. In August 2015 Report, adjusted some of Contract 1300 Contractor SCC assignment to match most of previous SCC assignment. In March 2016, \$75,000 Cmod#6 subtracted from CN1300 Stations contingency (using CPT718 funding) and transferred to Program contingency; this lead to the total CN1300 Station budget being lowered.

57	Revised Contract 1252 allocated contingency SCC code from 040.08 to 010.07.
58	Revised Contract 1300/UMS allocated contingency SCC code from 040.08 to 020.03.
59	In March 2016 Report, reduced Contract 1252 contingency by \$377,435 cost to reflect certification of five CMODS.
60	Revised Contract 1300/CTS allocated contingency SCC code from 040.08 to 020.03.
61	Revised Contract 1300/YBM allocated contingency SCC code from 040.08 to 020.03.
62	Revised Contract 1300/STS allocated contingency SCC code from 040.08 to 020.01.
63	Revised Form B Reimbursements SCC code from 900.01 to 040.02
64	Revised Form B Reimbursements SCC code from 900.01 to 040.02
65	Revised Form B Reimbursements SCC code from 900.01 to 040.02
66	Revised Form B Reimbursements SCC code from 900.01 to 040.02
67	Revised Form B Reimbursements SCC code from 900.01 to 040.02
68	Revised Form B Reimbursements SCC code from 900.01 to 040.02
69	Revised Form B Reimbursements SCC code from 900.01 to 040.02
70	Revised Form B Reimbursements SCC code from 900.01 to 040.02
71	Increase Program contingency \$1,023,508. Refer to Report Notes #11 and #12. In April 2015 report, program contingency decreased by \$500,000. Refer to Report Notes #20. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2016 report, program unallocated contingency increased by \$230,468. In August 2016, released \$20M to CN1300 Construction assigned contingency from program unallocated contingency. In November 2016, released a total of \$75,000 from program's unallocated contingency to CTS allocated contingency.
72	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112B112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
73	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112C112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
74	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112D112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
75	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112E112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
76	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112F112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
77	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112G112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.

Appendix B

DETAIL SCHEDULE REPORTS

SCHEDULE HIGHLIGHTS

The Master Project Schedule (MPS) below includes progress through January 2017. The January 2017 Schedule Update submittal from Contract 1300 Contractor was not submitted due previous update corrections that needed to be completed before TPC provide the January update. The Contract 1300 schedule represented in this report is based on the SFMTA January 2017 Schedule Update.

The MPS shows a forecast Revenue Service Date of October 2019.

The controlling critical (longest) path of the MPS runs through CTS Excavation succeeded by STS Startup & Testing, Commissioning and Pre-Revenue Activities to the Baseline Finish and Revenue Service Date. See Appendix B – Longest Path. The latest schedule shows the longest path running through the Chinatown Station (CTS). Contractor is required to implement a Recovery Schedule to put the Project back on schedule.

Schedule Contingency is fully utilized on the critical path of the MPS, which is below the Minimum Schedule Contingency level of 6 months. A schedule re-evaluation will be performed, utilizing the updated Contract 1300 Schedule. Recovery options are being implemented in key areas as work proceeds. SFMTA continues to meet with Contractor to discuss all schedule concerns and comments. Excavation and Support of the Top Right Heading & Bench continues with lower than expected level of production. Despite expected ground conditions as described in the GBR, TPC's mining productivity has not been as planned. TPC has continued the mitigation effort to institute two-twelve hours shifts or six days per week, in an effort to recover some lost time. Contract 1300 Schedule shows 24 days of delay in January with a new forecasted Revenue Service Date of 04 October 2019

Contract 1300 Contractor submitted twenty-four (24) Schedule Updates from December 2014 to November 2016. SFMTA rejected fourteen (14) Schedule Updates from September 2015 to April 2016 and June to November 2016. Contractor has not submitted December 2016 and January 2017 Schedule Updates. SFMTA approved as noted the May 2016 Schedule Update. Contractor has been directed to develop a Recovery Schedule as required by Contract and correct out-of-sequence and Retained Logic driving many of the forecast dates. Review of schedule updates as well as identifying recovery options is ongoing.

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

The Contractor, Tutor Perini Corporation's (TPC) baseline schedule is incorporated into the master program schedule. The preliminary SFMTA Contract 1300 January 2017 schedule is used within the January Report. The SFMTA Contract 1300 January 2017 schedule is based on the approved baseline schedule logic with adjustments made for fixing retained logic and lags. The SFMTA will continue to use the SFMTA Contract 1300 schedule update as a forecasting tool going forward until the Contract 1300 Contractor submits an acceptable schedule that addresses all of SFMTA scheduling concerns.

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

- Head house- excavated to 16' below Temp Level 5.0 walers and struts
- Breakout/excavation of the Platform Caverns (North and South) continues, Right Side Drift and Left Side Drift for both headings
- Incidental street work (minor), ongoing monitoring and surveying
- Smoothing layer (for waterproofing prep) completed for the North Emergency Egress (NEE) Shaft and Tunnel
- Completed PG&E street work in Stockton/Washington St intersection

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

- Prepare for Chinese New Year Moratorium in vicinity of North Emergency Egress Shaft
- Platform Caverns (North and South) – continue with excavation of Left and Right Side Drifts top heading, bench, and temporary invert
- Joint trench work along Chinese United Methodist Church on Washington Street to begin

Activity ID	Activity Name	2017						
		Jan	Feb	Mar	Apr	May	Jun	Jul
CENTRAL SUBWAY PROJECT								
Construction Phase								
Construction CN-1300								
Construction CTS Station P-1254R								
CTS.31.71.355	Install Remaining Barrel Vault Piping (1-7, 49-55, s1-s12) = 26ea							
CTS.31.43.140	CTS_ Compensation Grouting - As Required							
CTS.31.71.420	BreakinTop / Bench Sidewalls for North Platform Cavern Excavation							
CTS.31.71.450	Breakin Top Benches for South Platform Cavern Excavation							
CTS.31.71.460	Excavate & Support Top Right Heading South Platform Cavern 176Lf							
CTS.31.71.435	CompleteTop / Bench Invert Sidewalls & Headwall Right Side for North Platform Cavern							
CTS.31.71.550	Excavate & Support Top Right Bench South Platform Cavern 176Lf							
CTS.31.71.465	Excavate & Support Top Left Heading South Platform Cavern 176Lf							
CTS.31.71.560	Excavate & Support Top Left Bench South Platform Cavern 176Lf							
CTS.33.51.110	CTS_Perform: Utilities: Gas Line Washington/Stockton							
CTS.01.78.100	CTS_Prep/Submit Warranties (Prior to Substantial Completion)							
CTS.31.71.580	Excavate & Support Top Left Step 3 Invert South Platform Cavern 176Lf							
CTS.31.71.570	Excavate & Support Top Right Step 3 Invert South Platform Cavern 176Lf							
CTS.31.71.520	Initial Excavation & Support - South Emergency Egress Tunnel							
CTS.31.71.425	CompleteTop / Bench Invert Sidewalls & Headwall Left Side for North Platform Cavern							
CTS.31.71.590	CTS- Install Temporary Bracing - Sidewalls (Platform Cavern)							
CTS.31.71.530	Complete Excavation & Support - South Emergency Egress Tunnel							
CTS.31.71.600	Excavate & Support Top Center Drift Step 4 South Platform Cavern 176Lf							
CTS.31.74.870	Final Lining South Emergency Egress Tunnel							
CTS.31.74.550	Final Lining North Emergency Egress Tunnel							
CTS.31.71.445	Install Temporary Bracing Sidewalls for North Platform Cavern Excavation							
CTS.31.71.610	Excavate & Support Center Bench Step 5 South Platform Cavern 176Lf							
C.3.880	South Emergency Egress Tunnel M.E.P							
CTS.31.71.455	Excavation / Support Top Center Drift & Construct Headwall for North Platform Cavern							
CTS.31.71.620	Excavate & Construct Invert Step 6 South Platform Cavern 176Lf							
CTS.03.30.850	Concrete Stairs North Emergency Egress Tunnel							

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

- North Concourse: Install utilities. Continue and complete chipping of north headwall
- Platform Station: Continue to excavate below intermediate strut level and install structural steel. Complete excavation and continue with steel installation at Emergency Egress Stairs 3&4 on O'Farrell Street
- South Concourse/Ellis St: Pour concrete slabs at South Concourse, continue with backfilling Ellis Street
- UMS North Entrance – Slab on Grade Completed. Erection of structural steel commenced. Underground Storage tanks removed from Fan Level Trench area
- Union Square Garage Ramps - PCC-144- Completed concrete restoration work on new garage ramps

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

- Nighttime lane closures expected for utility work
- North Concourse: Continue to install utilities. Excavation and structural steel deliveries and installation resumes
- Platform Station: Continue to excavate and install structural steel support system. Excavate and install support in Emergency Egress Stairs 3&4 on O'Farrell Street
- Ellis Annex: Install OCS overhead cables and permanent poles, lightweight concrete, and backfill. Install utilities on Ellis Street
- UMS North Entrance – Continue structural steel erection. Commence excavation of Fan Level Trench along GL 17
- Union Square Garage – complete testing and commissioning of new fire and life safety devices within garage

Activity ID	Activity Name	2017						
		Jan	Feb	Mar	Apr	May	Jun	Jul
UMS 01 12 17 16a01	Special Events: Macy's Flower Show							
UMS 07 43 53 e1	UMS_Prepare In-Place: Glass Wall Panels Mockup							
UMS.31.32.0220	UMS_Jet Grout 90 Day Cure Period - USG							
UMS.31.43.150	UMS_Compensation Grouting - As Required							
CN1300-CM-066	UMS_CN_Install HVAC Air Duct Risers to Lvl 3 (In Union Square Garage Lvl 2)							
UMS.05.12.0885	UMS_Install Permanent Wales - Mezzanine Level Sta 132+50 To South Headwall							
CN1300-CM-056	UMS_Jet Grout Under South Wall Footings - USG							
CN1300-CM-126	UMS_Jet Grout Stockton St/O'Farrell West Side for Water Seal Rig#1 12ea							
UMS.05.12.0895	UMS_Install & Pre-Load Permanent Struts - Mezzanine Level Sta 132+50 To Sou							
UMS.31.20.1345	UMS_Remove Temporary Struts & Wales For South Concourse Escalator							
UMS.31.20.0970	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132							
UMS.03.37.0870	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to							
UMS.03.30.1535	UMS_Form/Rebar/Pour Walls For South Concourse Escalator Upper Landing							
UMS 26 05 73 d1	UMS_Elect: O/C Protective Device Coord Study Gather Power System Data							
UMS 09 24 00 d1	UMS_Prepare: Veneer Plastering Mockup							
UMS.03.37.0877	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to							
UMS.31.20.0975	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132							
CN1300-CM-046	UMS_Install Shear Wall & Footings Along Cols. B,C,10 &14							
CN1300-CM-036	UMS_Jet Grout 90 Day Cure Period - USG							
CN1300-CM-136	UMS_Jet Grout Stockton St/O'Farrell East Side for Water Seal Rig#2 12ea							
UMS 08 85 00 d1	UMS_Construct: Luminous Ceilings Mockup							
UMS.03.30.0670	UMS_Place Granular Base - South Concourse Slab on Grade							
UMS.03.37.0875	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to T							
UMS.03.30.1820	UMS_Install Drainage Piping - South Concourse Slab on Grade							
UMS.03.37.0880	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to T							
UMS 26 05 73 e1	UMS_Elect: O/C Protective Device Coord Study Perform Fault Current Study							
UMS.03.30.1850	UMS_Form / Rebar - South Concourse Slab on Grade Pour #1							
CN1300-CM-146	UMS_Install Sheet Piles East & West Side Of Stockton St - Pours 1A,2A,3A,1B							
UMS 09 66 23 h1	UMS_Prepare: Terrazzo Flooring Mockups							
UMS 08 44 13 o1	UMS_Assemble/Test: Point Supported Glazing Mockup							

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

- Completed demolition on west side of 4th Street south of Howard
- Utility work, including catch basin and sewer sleeve near Stair #1 in progress on west side of 4th Street
- Street and sidewalk restoration in progress on west side of 4th Street south of Howard Street intersection
- Excavation to Invert level beneath Temporary Strut Level 6 is in progress
- Placement of waterproofing and 2 of 3 mud slabs within station box at Invert Level is in progress
- Preparation for placement of concrete in Invert Level section 1 of 6 is in progress
- Installation of metal stairs at Stair 1 and Stair 4 are in progress
- Interior CMU wall placements in Concourse and Mezzanine Level is complete

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

- Continue interior finishes on Mezzanine & Concourse Levels
- Continue excavation to Invert Level beneath Level 6 Temporary Struts
- Continue installation of mud slab, waterproofing, and protective concrete for Invert slab sections 2 through 6 within Station Box
- Complete placement of Invert Level concrete slab section 1 of 6 within Station Box
- Begin installation of mud slab, waterproofing, and protective concrete for Invert slab sections 7 through 9 within Headhouse
- Continue utility work, street and sidewalk restoration on west side of 4th Street south of Howard Street intersection

Activity ID	Activity Name	2017						
		Jan	Feb	Mar	Apr	May	Jun	Jul
CENTRAL SUBWAY PROJECT								
Construction Phase								
Construction CN-1300								
Construction YBM Station P-1255								
Y.1.620	Open all Traffic- 4th Street							I
YBM.07.14.475	Waterproofing along Slurry Walls- Stations Invert Slab (Side Only)							
YBM.03.30.870	Place 4" Aggregate Base- Station Invert Slab							
YBM.03.30.912	Form/ Rebar - Station Invert Slab Col 02-04							
YBM.22.14.110	YBM_IV Install Trench Drains & CB's- Station Invert Slab							
YBM.34.21.0985	YBM_IV 302 - Traction Power Rm: Install - NB Traction Power Ductbank Slurry							
YBM.23.31.271	YBM_IV - Under-Platform Install -12" Dia Underground Pipe Duct Sector 1							
YBM.23.31.281	YBM_IV - Under-Platform Install - Stub-Up Underground Pipe Duct to Aux 106							
YBM.34.21.0975	YBM_IV 302 - Traction Power Rm: Install - SB Traction Power Ductbank Slurry							
YBM.34.05.0260	YBM_PL_Install Ductbanks - NB Positive Feeder TPSS RM Penetrations to PB-0							
YBM.23.31.291	YBM_IV - Under-Platform Install -12" Dia Underground Pipe Duct Sector 2							
YBM.23.31.301	YBM_IV - Under-Platform Install - Stub-Up Underground Pipe Duct to Aux 207							
YBM.34.05.0230	YBM_PL_Install Ductbanks - SB Positive Feeder TPSS Rm Penetrations to PB-0							
YBM.03.30.880	Place 4" Mud Slab- Station Invert Slab							
YBM.07.14.890	Waterproofing top of 4" Mud Slab- Stations Invert Slab							
YBM.03.30.900	Place 2"-3" Protective Concrete- Station Invert Slab (Over Waterproofing)							
YBM.34.21.1135	YBM_IV 302 - Traction Power Rm: Install -Positive Feeder Conduit To PB01 & PB0							
YBM.03.30.910	Form/ Rebar- Station Invert Slab Col 00-02							
YBM.03.30.916	Place Concrete- Station Invert Slab Col 00-02							
YBM.26.56.190	YBM_Install: Elect: Roadway Lighting (26 56 19)							
YBM.03.30.917	Place Concrete- Station Invert Slab Col 02-04							
YBM.03.30.913	Form/ Rebar - Station Invert Slab Col 04-06							
YBM.03.30.911	Form/ Rebar - Station Invert Slab Col 06-08							
YBM.03.30.918	Place Concrete- Station Invert Slab Col 06-08							
YBM.03.30.914	Form/ Rebar - Station Invert Slab Col 08-10							
YBM.34.05.0190	YBM_UP_Install: Elect: Under Platform Raceway For Negative Feeder (Traction							

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

- Continued 36" sewer installation at 4th/Brannan intersection
- Continued MRY ductbank at 4th/Townsend intersection
- Continued pavement renovation on 4th Street between King and Welsh
- Completed track drain and tunnel invert construction
- Continued AWSS lateral installation on 4th Street between Welsh and Freelon
- Continued water line installation at 4th/Townsend
- Started 36" sewer installation at 4th/Welsh intersection
- Started 48" sewer installation at 4th/Welsh intersection
- Started invert slab construction at tunnel portal

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

- Continued 48" sewer installation
- Continued 36" sewer installation
- Continued MRY ductbank installation
- Continued AWSS installation
- Continued water line installation
- Continued pavement renovation
- Continued invert slab construction at tunnel portal

Activity ID	Activity Name	2017						
		Jan	Feb	Mar	Apr	May	Jun	Jul
CENTRAL SUBWAY PROJECT								
Construction Phase								
Construction CN-1300								
Construction STS P-1256								
STS.33.31.420	STS_Install New CB's Manhole, 10" & 15" Sewer Piping @ 4th St/Townsend - We							
STS.34.42.1080	STS_Install: Security - SB Portal Intrusion Devices							
STS.26.05.120	STS_Install: Utilities: 230Kv Electrical Transmission Casing - Assist PG&E - 4th							
STS.33.11.170	STS_Install: Utilities: Auxiliary Water Supply 12" Main 4th St (Through Brannan St)							
STS.33.51.150	STS_Pothole: Utilities: Pothole for Gas Distribution							
STS.33.31.630	Sewer Manhole relocation at King St/ 4th Street							
STS.33.11.270	STS_Install: Utilities: Sewer: Casing for 10" Force Main - 4th St Sta @ Brannan St							
STS.33.11.340	STS_Install: Utilities: Track Drainage- 4th St (Brannan St To Bluxome St)							
STS.33.51.115	STS_PG&E Design Detail Period: Utilities: Gas Distribution 6" Main/Casing - 4th							
STS.33.31.260	STS_Install New 18" Sewer Lateral In Welsh St To Future 48" Manhole							
STS.33.11.350	STS_Install: Utilities: Track Drainage- 4th St (Bluxome St To Townsend St)							
STS.33.31.250	STS_Install New Manhole, Sewer Piping & Catch Basins - East Side Welsh St/4th							
STS.33.31.400	STS_Install New 27" Sewer PipeCasing Connecting Offset Manhole To East MH @							
STS.33.31.445	Install New 48" Gravity Sewer Main Manhole @ 4th/Welsh St							
STS.33.31.410	STS_Install New CB's, 10" & 24" Sewer Piping @ 4th St/Townsend - East Side							
STS.33.31.450	Install New 48" Gravity Sewer Main - Bryant St To Welsh St.							
STS.33.31.470	Install New 48" Gravity Sewer Main Manhole @ 4th/Freelon St							
STS.26.05.0290	STS_Install: Tunnel Electrical - Unistrut For Conduit & Signal Supports - NB Portal							
STS.26.05.0530	STS_Install: Tunnel Electrical - Unistrut For Conduit & Signal Supports - SB Portal							
STS.33.31.390	STS_Install New Sewer Manhole @ 4th St/Townsend - East Side							
STS.28.20.1790	STS_Install: Tunnel Electrical - CCTV Cameras - SB Portal To Moscone							
STS.34.42.0600	STS_Install: Train Control - Train Control Signals - SB Portal To Moscone							
STS.34.42.2310	STS_Install: Train Control - Train Control Conduit - & JB's SB Portal To Moscone							
STS.26.05.0560	STS_Install: Tunnel Electrical - Telephone Conduit - & JB's SB Portal To Moscon							
STS.27.32.0610	STS_Install: Tunnel Electrical - Radiax Conduit - & JB's SB Portal To Moscone							
STS.26.05.0550	STS_Install: Tunnel Electrical - Electrical Power Conduit & JB's - SB Portal To Mo							

SCHEDULE REVISIONS

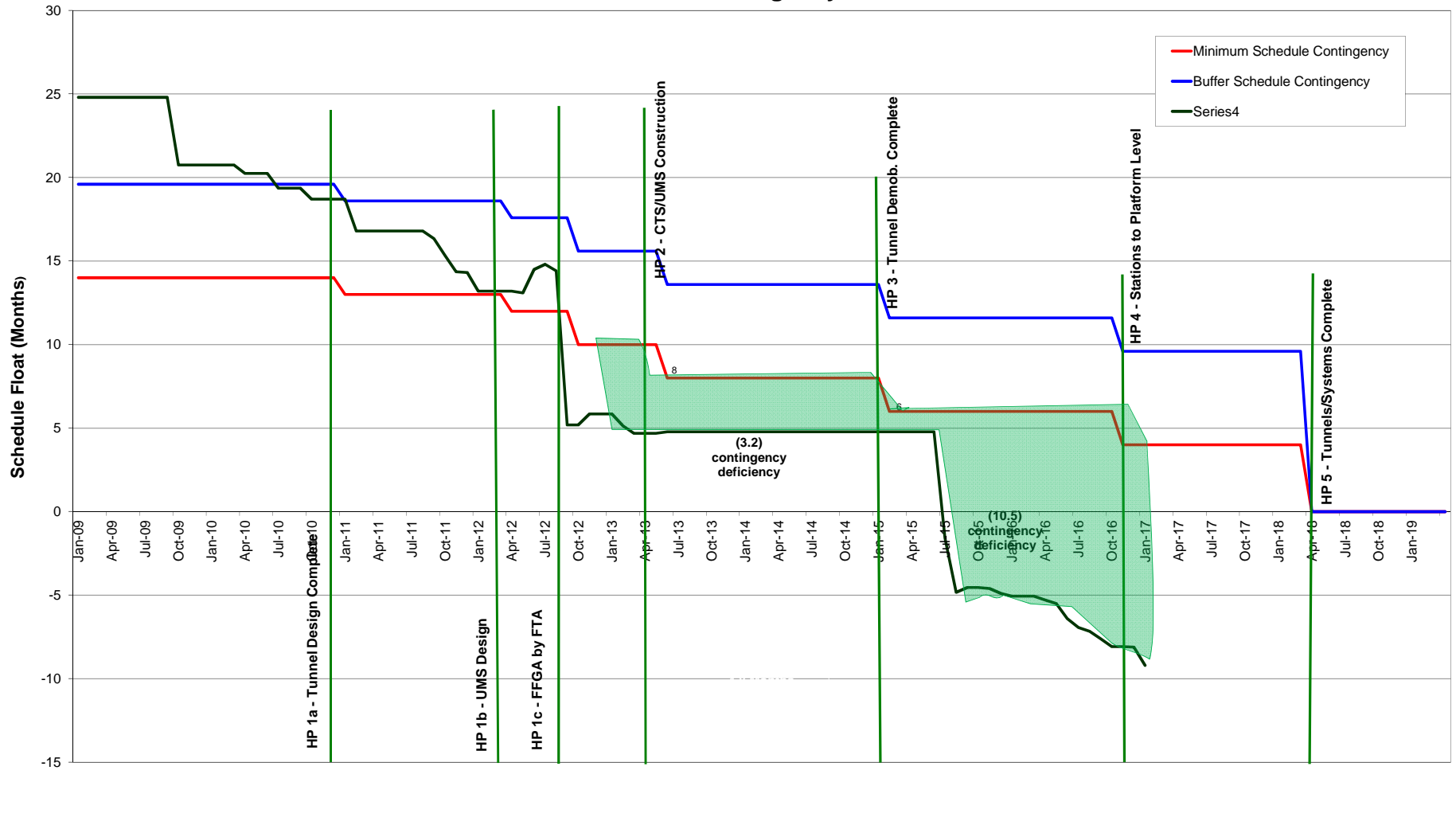
The SFMTA Contract 1300 January 2017 schedule update was added this period to the Central Subway Project Master Schedule.

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

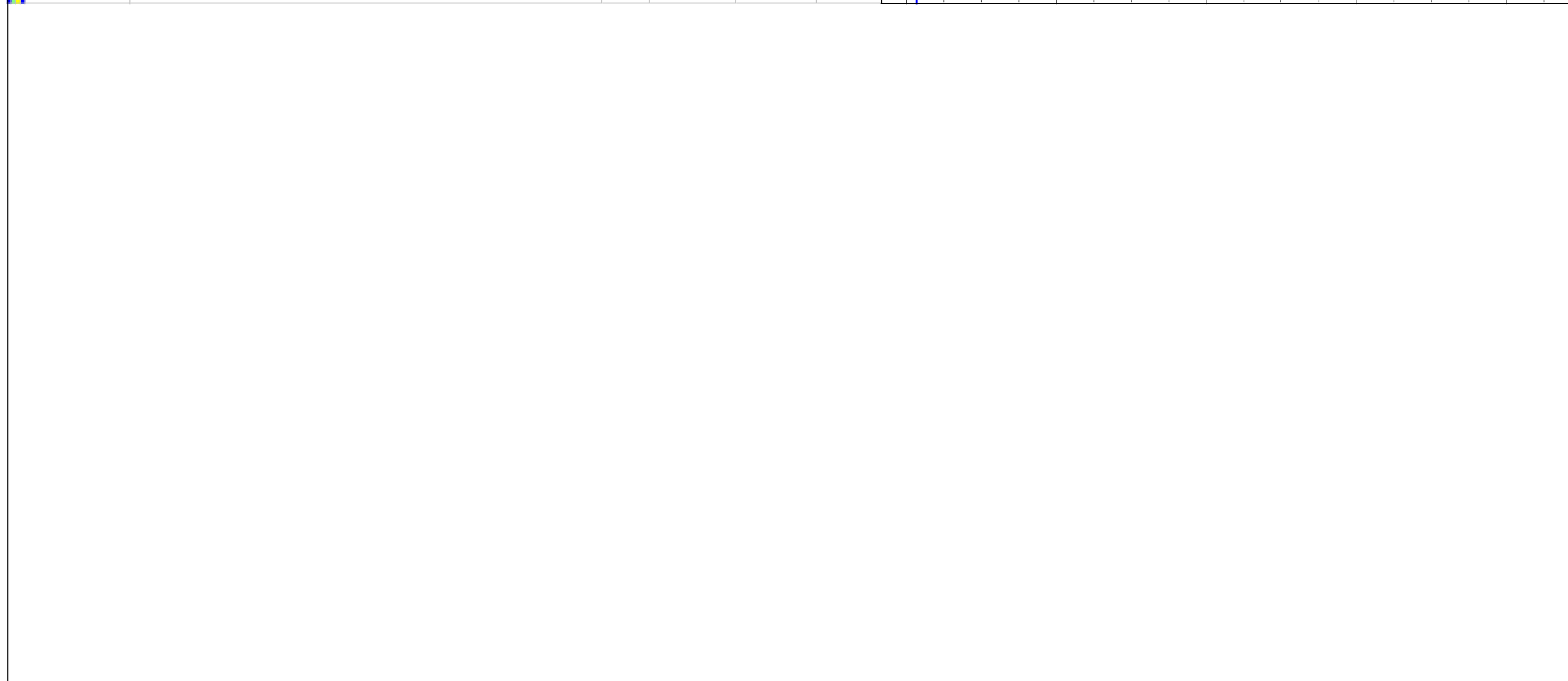
January 2017



Activity ID	Activity Name	Original Duration	Start	Finish	2017				2018				2019				2020				
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
CENTRAL SUBWAY PROJECT		4323	03-Jun-03 A	04-Oct-19	CENTRAL SUBWAY PROJECT																
Program Level Milestones		4294	03-Jun-03 A	04-Oct-19	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																	
MS0019	Baseline Finish Date: 12-26-2018	0		04-Oct-19*	◆ Baseline Finish Date: 12-26-2018																
MS0009	CSP Revenue Service Date	0		04-Oct-19*	◆ CSP Revenue Service Date																
Preliminary Engineering Phase		2661	03-Jun-03 A	07-Jan-10 A																	
Final Design		1811	08-Jan-10 A	17-Jun-13 A																	
Light Rail Vehicles		2139	15-Apr-13 A	21-Feb-19	Light Rail Vehicles																
Real Estate		3130	01-Aug-08 A	26-Jan-17	Real Estate																
Construction Phase		2604	04-Jan-10 A	04-Oct-19	Construction Phase																
Construction Support and Costs		2784	04-Jan-10 A	23-Aug-19	Construction Support and Costs																
Construction Utility Contract #1- MOS & Portal CN-1250		505	04-Jan-10 A	23-May-11 A																	
Construction Utility Contract #2 - UMS CN-1251		643	12-Jan-11 A	15-Oct-12 A																	
Construction Tunnels CN-1252		1470	08-Jun-11 A	27-Jan-17	Construction Tunnels CN-1252																
Construction CN-1300		1704	03-Jun-13 A	22-Jul-19	Construction CN-1300																
CN- 1300 Milestone		1589	17-Jun-13 A	22-Jul-19	CN- 1300 Milestone																
Construction UMS Station P-1253		1704	17-Jun-13 A	24-Apr-19	Construction UMS Station P-1253																
Construction CTS Station P-1254R		1531	17-Jun-13 A	24-Apr-19	Construction CTS Station P-1254R																
Construction YBM Station P-1255		1651	10-Jun-13 A	24-Apr-19	Construction YBM Station P-1255																
Construction STS P-1256		1574	03-Jun-13 A	01-Jul-19	Construction STS P-1256																
Project Start Up		164	23-Apr-19	04-Oct-19	Project Start Up																
Unallocated Contingency		115	23-Apr-19	04-Oct-19	Unallocated Contingency																
CO1.700	Cost Activity Unallocated Contingency (LOE) - 1.7.500.99.090.00 - Contingency	115	23-Apr-19	04-Oct-19	Cost Activity Unallocated Contingency																

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017		2018				2019				2020				2021				
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CENTRAL SUBWAY PROJECT																								
Construction Phase																								
Construction CN-1300																								
Construction CTS Station P-1254R																								
CTS.31.71.450	Breakin Top Benches for South Platform Cavern Excavation	13	14-Nov-16 A	31-Jan-17	-305																			
CTS.31.71.460	Excavate & Support Top Right Heading South Platform Cavern 176Lf	20	21-Nov-16 A	13-Feb-17	-305																			
CTS.31.71.550	Excavate & Support Top Right Bench South Platform Cavern 176Lf	10	22-Nov-16 A	27-Feb-17	-305																			
CTS.31.71.465	Excavate & Support Top Left Heading South Platform Cavern 176Lf	20	01-Dec-16 A	15-Feb-17	-305																			
CTS.31.71.560	Excavate & Support Top Left Bench South Platform Cavern 176Lf	10	02-Dec-16 A	27-Feb-17	-305																			
CTS.31.71.580	Excavate & Support Top Left Step 3 Invert South Platform Cavern 176Lf	14	28-Feb-17	17-Mar-17	-305																			
CTS.31.71.570	Excavate & Support Top Right Step 3 Invert South Platform Cavern 176Lf	14	28-Feb-17	17-Mar-17	-305																			
CTS.31.71.600	Excavate & Support Top Center Drift Step 4 South Platform Cavern 176Lf	18	28-Mar-17	20-Apr-17	-305																			
CTS.31.71.610	Excavate & Support Center Bench Step 5 South Platform Cavern 176Lf	11	21-Apr-17	05-May-17	-305																			
CTS.31.71.620	Excavate & Construct Invert Step 6 South Platform Cavern 176Lf	10	08-May-17	19-May-17	-305																			
CTS.31.71.630	Demo Sidewalls & Repair Headwall South Platform Cavern 176Lf	10	22-May-17	05-Jun-17	-305																			
CTS.31.71.640	Stage Equipment & Construct Ramp For Crossover Breakin	5	06-Jun-17	12-Jun-17	-305																			
CTS.31.71.650	Break-in Crossover Cavern	1	13-Jun-17	13-Jun-17	-305																			
CTS.31.71.660	Excavate & Construct Left Sidewall & Headwall 268 Lf	55	14-Jun-17	30-Aug-17	-305																			
CTS.31.71.670	Excavate & Construct Right Sidewall & Headwall 268 Lf	55	14-Jun-17	30-Aug-17	-305																			
CTS.31.71.680	Install Temporary Support Struts	10	31-Aug-17	14-Sep-17	-305																			
CTS.31.71.690	Install Ramp For Center Drift	2	15-Sep-17	18-Sep-17	-305																			
CTS.31.71.700	Excavate & Support Center Drift	35	19-Sep-17	06-Nov-17	-305																			
CTS.31.71.720	Excavate & Support Center Bench - Crossover	10	09-Nov-17	27-Nov-17	-305																			
CTS.31.71.730	Excavate & Construct Invert - Crossover	7	28-Nov-17	06-Dec-17	-305																			
CTS.31.71.740	Demo Sidewalls, Repair Headwall & Top Joint - Crossover	10	07-Dec-17	20-Dec-17	-305																			
CTS.31.74.700	Place Smoothing Concrete - Final Lining invert - Crossover Cavern	15	06-Jan-18	23-Jan-18	-368																			
CTS.31.74.705	Install Waterproofing - Final Lining invert - Crossover Cavern	15	24-Jan-18	09-Feb-18	-368																			
CTS.31.74.715	Install Rebar & Grout Piping - Final Lining invert - Crossover Cavern	20	10-Feb-18	05-Mar-18	-368																			
CTS.31.74.710	Place Smoothing Concrete - Final Lining Invert -Cross Cut Cavern	6	06-Mar-18	12-Mar-18	-368																			
CTS.31.74.725	Place Concrete - Final Lining invert - Crossover Cavern	20	06-Mar-18	28-Mar-18	-368																			
CTS.31.74.960	Install Waterproofing & Grout Pipes - Final Lining Invert -Cross Cut Cavern	5	13-Mar-18	17-Mar-18	-368																			
CTS.31.74.970	Install Rebar - Final Lining Invert -Cross Cut Cavern	10	19-Mar-18	29-Mar-18	-368																			
CTS.31.74.980	Place Concrete - Final Lining Invert -Cross Cut Cavern	10	30-Mar-18	10-Apr-18	-368																			
CTS.31.74.990	Install Waterproofing - Final Lining Arches - Crosscut Cavern	15	11-Apr-18	27-Apr-18	-368																			
CTS.31.74.10	Install Rebar & Grout Piping - Final Lining Arches - Crosscut Cavern	15	17-Apr-18	03-May-18	-368																			
CTS.31.74.350	Shotcrete Final Lining Arches - Crosscut Cavern	20	27-Apr-18	19-May-18	-368																			
CTS.03.30.760	Shore/Rebar/Form Pour Track Slab - Crosscut Cavern	15	21-May-18	11-Jun-18	-305																			
CTS.03.30.780	Rebar/Form/ Pour Platforms - Crosscut Cavern	20	05-Jun-18	02-Jul-18	-305																			
CTS.03.30.770	Shore/Rebar/Form Pour Concourse Level Slab - Crosscut Cavern	15	19-Jun-18	10-Jul-18	-305																			
CTS.09.83.664	CTS_PL 05 Spray - Set Up Scaffold- Platform Level	5	11-Jul-18	17-Jul-18	-305																			
CTS.09.83.544	CTS_PL 05 Spray - Acoustical Vermiculite Wall Plaster NB - Sector 2	5	18-Jul-18	24-Jul-18	-305																			
CTS.09.83.554	CTS_PL 05 Spray - Acoustical Vermiculite Wall Plaster SB - Sector 2	6	25-Jul-18	01-Aug-18	-305																			
CTS.34.21.122	CTS_PL Station Platform: Install - Traction Power Box PS01 @ SB Track - Sec	3	02-Aug-18	06-Aug-18	-305																			
CTS.34.05.160	CTS_PL_Install Conduit SB Positive Feeder Box PS01 to PS05 (Traction Power)	5	07-Aug-18	13-Aug-18	-305																			
CTS.34.05.170	CTS_PL_Install Conduit SB Positive Feeder Box PS01 to PS07 (Traction Power)	5	14-Aug-18	20-Aug-18	-305																			
CTS.34.05.180	CTS_PL_Install:Conduit SB Positive Feeder Box PS02 to PS08 (Traction Power)	4	21-Aug-18	24-Aug-18	-305																			
CTS.03.46.980	CTS_PL Station Platform: Install - GFRC Perforated Wall Panel System SB - S	15	27-Aug-18	17-Sep-18	-305																			
CTS.03.46.164	CTS_PL Station Platform: Install - GFRC Perforated Ceiling Panels - Sector 2	15	18-Sep-18	08-Oct-18	-305																			

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017				2018				2019				2020				2021	
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
CTS.14.31.265	Set Escalator Trusses 1 & 2 (Concourse to Platform) - Crosscut	2	09-Oct-18	10-Oct-18	-305																		
CTS.14.31.275	CTS_PL Assemble Components Escalator #1	14	11-Oct-18	30-Oct-18	-305																		
CTS.14.31.415	CTS_PL Assemble Components Escalator #2	15	31-Oct-18	20-Nov-18	-305																		
CTS.09.66.616	CTS_PL Station Platform Cross-Cut Cavern: Install - Terrazzo Flooring Sector 2	5	21-Nov-18	29-Nov-18	-305																		
CTS.09.66.618	CTS_PL Station Platform Cross-Cut Cavern: Install - Terrazzo Cove Base Sect	5	30-Nov-18	06-Dec-18	-305																		
CTS.09.66.620	CTS_PL Station Platform Cross-Cut Cavern: Grind & Polish - Terrazzo Floorin	10	07-Dec-18	20-Dec-18	-305																		
CTS.14.24.255	CTS-PL 05: Assemble Elevator #1	15	21-Dec-18	14-Jan-19	-305																		
CTS.14.24.265	CTS-PL 05: Assemble Elevator #2	13	15-Jan-19	31-Jan-19	-305																		
CTS.14.24.275	CTS-PL 05: Install Elevator Power & Controls	9	01-Feb-19	13-Feb-19	-305																		
CTS.08.44.265	CTS_PL Install Elevators 1 & 2 Glass Enclosure - Crosscut Platform Level	9	01-Feb-19	13-Feb-19	-305																		
CTS.08.44.580	Install Elevators 1 & 2 Glass Enclosure - Crosscut Concourse Level	9	01-Feb-19	13-Feb-19	-305																		
CTS.14.24.285	CTS-PL 05: Startup & Test Elevators 1&2	4	14-Feb-19	19-Feb-19	-305																		
CTS.14.24.295	CTS-PL 05:Inspections - Elevators 1&2	1	20-Feb-19	20-Feb-19	-305																		
CTS.01.80.00	CTS- Building Systems Start-up & Testing	44	21-Feb-19	23-Apr-19	-305																		



Activity Name	Original Duration	Start	Finish	2012				2013				2014				2015				2016				2017				2018				2019			
				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
CENTRAL SUBWAY PROJECT	2232	08-Jun-11 A	22-Jul-19																																
Construction Phase	2232	08-Jun-11 A	22-Jul-19																																
Construction Tunnels CN-1252	1799	08-Jun-11 A	15-May-15 A																																
1252 Tunnel Contract BIH	1799	08-Jun-11 A	15-May-15 A																																
Contract Milestones	1437	08-Jun-11 A	15-May-15 A																																
General Conditions	1752	01-Aug-11 A	15-May-15 A																																
4th & Bryant St TBM Launch Box Construction	686	30-Mar-12 A	02-Jun-14 A																																
Moscone Station Headwalls	430	14-May-12 A	20-Sep-13 A																																
UMS Station Headwalls	425	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	237	27-Feb-13 A	22-Nov-13 A																																
South Headwall	404	31-Jul-12 A	22-Nov-13 A																																
4th St and Market Compensation Grouting	707	28-Jan-13 A	30-Apr-15 A																																
Southbound Tunneling	451	27-Apr-13 A	13-Oct-14 A																																
Ellis St Compensation Grouting	561	31-Jul-12 A	09-May-14 A																																
Green St Compensation Grouting	320	05-Aug-13 A	30-Jun-14 A																																
Retrieval Shaft	1070	31-Oct-11 A	20-Mar-15 A																																
Cross Passage 1-5	339	22-Mar-14 A	16-Apr-15 A																																
Cross Passage 1	79	14-Jun-14 A	13-Sep-14 A																																
Cross Passage 2	105	10-May-14 A	09-Sep-14 A																																
Cross Passage 3	127	31-Mar-14 A	28-Aug-14 A																																
Cross Passage 4	114	22-Mar-14 A	31-Jul-14 A																																
Cross Passage 5	277	31-May-14 A	16-Apr-15 A																																
Portal Structure	196	02-Sep-14 A	15-Apr-15 A																																
Contract Close Out	307	03-Mar-14 A	15-May-15 A																																
Construction CN-1300	1704	03-Jun-13 A	22-Jul-19																																
CN- 1300 Milestone	1589	17-Jun-13 A	22-Jul-19																																
Construction UMS Station P-1253	1704	17-Jun-13 A	24-Apr-19																																
Construction CTS Station P-1254R	1531	17-Jun-13 A	24-Apr-19																																
Construction YBM Station P-1255	1651	10-Jun-13 A	24-Apr-19																																
Construction STS P-1256	1574	03-Jun-13 A	01-Jul-19																																

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018				2019				2020				2021		
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
CENTRAL SUBWAY PROJECT						4079	01-Dec-08 A	20-Jan-20	431																							
Light Rail Vehicles						325	29-Aug-16 A	10-Jan-18	-17																							
Real Estate						2154	01-Dec-08 A	27-Dec-16	389																							
Construction Phase						3794	04-Jan-10 A	20-Jan-20	431																							
Construction Support and Costs						5314	04-Jan-10 A	20-Jan-20	603																							
Construction Tunnels CN-1252						252	05-Sep-14 A	28-Dec-16	1426																							
Construction CN-1300						1704	03-Sep-13 A	26-Jun-19	0																							
CN- 1300 Milestone						90	28-Mar-19	26-Jun-19	-182																							
No 13-Disp						90	28-Mar-19	26-Jun-19	-182																							
Construction UMS Station P-1253						1702	03-Sep-13 A	28-Mar-19	64																							
Preconstruction						1373	25-Sep-14 A	28-Mar-19	-294																							
Engineering & Procurement						1140	14-Oct-13 A	30-Mar-18	-76																							
Site Work / Utility Relocation						58	19-Oct-18	14-Jan-19	-186																							
Demolition						10	15-Dec-16 A	27-Dec-16	-279																							
Roof Deck Excavation,Construction,Restoration						330	05-Jan-15 A	21-Jul-17	490																							
Excavation & Support						364	25-Apr-16 A	25-Oct-17	-208																							
UMS.03.37.0665	UMS_ Install Drain Pipe & Grout Fill Void Between Piles - Roof To Concourse Level Sta 132+50 to North Headwall	10	25-Apr-16 A	27-Dec-16	-279	UMS_ Install Drain Pipe & Grout Fill Void Between Piles - Roof To Concourse Level Sta 132+50 to North Headwall																										
UMS.31.50.0250	UMS_Excavate. Lag & Support @ Access Shaft #2 (O'Farrell)	10	16-Jun-16 A	27-Dec-16	-279	UMS_Excavate. Lag & Support @ Access Shaft #2 (O'Farrell)																										
UMS.31.23.730	UMS_Dewatering Maintainance	213	20-Jun-16 A	13-Jul-17	-132	UMS_Dewatering Maintainance																										
UMS.03.37.0700	UMS_ Install Drain Pipe & Grout Fill Void Between Piles - Roof To Concourse Level Sta 132+50 to South Headwall	10	08-Aug-16 A	27-Dec-16	-278	UMS_ Install Drain Pipe & Grout Fill Void Between Piles - Roof To Concourse Level Sta 132+50 to South Headwall																										
UMS.31.20.1140	UMS_Excavation For South Concourse Escalator	2	22-Aug-16 A	28-Dec-16	-20	UMS_Excavation For South Concourse Escalator																										
UMS.31.20.1120	UMS_Excavate to Bottom of North Concourse Slab (Intermediate Strut Level)	5	06-Sep-16 A	27-Jul-17	-194	UMS_Excavate to Bottom of North Concourse Slab (Intermediate Strut Level)																										
UMS.05.12.0820	UMS_ Install Permanent Wales - Intermediate Strut Level Sta 132+50 To North Headwall	10	24-Oct-16 A	27-Dec-16	-278	UMS_ Install Permanent Wales - Intermediate Strut Level Sta 132+50 To North Headwall																										
UMS.03.30.1525	UMS_Form/Rebar/Pour Invert Slab For South Concourse Escalator Upper Landing	10	25-Oct-16 A	12-Jan-17	-20	UMS_Form/Rebar/Pour Invert Slab For South Concourse Escalator Upper Landing																										
UMS.31.20.0860	UMS_Excavate Bench to Mezzanine Level & Expose Wide Flange Sta 132+50 to North Headwall	7	09-Dec-16 A	28-Dec-16	-279	UMS_Excavate Bench to Mezzanine Level & Expose Wide Flange Sta 132+50 to North Headwall																										
UMS.31.50.0855	UMS_Install & Pre-Load Temporary Struts - Level 1 Sta 132+50 to South Headwall	11	21-Dec-16 A	06-Jan-17	-244	UMS_Install & Pre-Load Temporary Struts - Level 1 Sta 132+50 to South Headwall																										
UMS.31.43.150	UMS_Compensation Grouting - As Required	10	27-Dec-16	10-Jan-17	-59	UMS_Compensation Grouting - As Required																										
UMS.05.12.0880	UMS_ Install Permanent Wales - Mezzanine Level Sta 132+50 To North Headwall	10	28-Dec-16	11-Jan-17	-279	UMS_ Install Permanent Wales - Mezzanine Level Sta 132+50 To North Headwall																										
UMS.31.20.0865	UMS_Excavate Bench to Mezzanine Level & Expose Wide Flange Sta 132+50 to South Headwall	7	29-Dec-16	09-Jan-17	-246	UMS_Excavate Bench to Mezzanine Level & Expose Wide Flange Sta 132+50 to South Headwall																										
UMS.05.12.0885	UMS_ Install Permanent Wales - Mezzanine Level Sta 132+50 To South Headwall	11	06-Jan-17	20-Jan-17	-246	UMS_ Install Permanent Wales - Mezzanine Level Sta 132+50 To South Headwall																										
UMS.05.12.0890	UMS_Install & Pre-load Permanent Struts - Mezzanine Level Sta 132+50 To North Headwall	34	12-Jan-17	28-Feb-17	-279	UMS_Install & Pre-load Permanent Struts - Mezzanine Level Sta 132+50 To North Headwall																										
UMS.31.20.1345	UMS_Remove Temporary Struts & Wales For South Concourse Escalator	3	13-Jan-17	17-Jan-17	-20	UMS_Remove Temporary Struts & Wales For South Concourse Escalator																										
UMS.05.12.0895	UMS_Install & Pre-Load Permanent Struts - Mezzanine Level Sta 132+50 To South Headwall	11	13-Jan-17	27-Jan-17	-246	UMS_Install & Pre-Load Permanent Struts - Mezzanine Level Sta 132+50 To South Headwall																										
UMS.03.30.1535	UMS_Form/Rebar/Pour Walls For South Concourse Escalator Upper Landing	10	18-Jan-17	31-Jan-17	-20	UMS_Form/Rebar/Pour Walls For South Concourse Escalator Upper Landing																										
UMS.03.37.0877	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to Mezzanine Sta 132+50 To South Headwall	10	30-Jan-17	10-Feb-17	-246	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to Mezzanine Sta 132+50 To South Headwall																										
UMS.31.20.0970	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132+50 To North Headwall	6	01-Mar-17	08-Mar-17	-272	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132+50 To North Headwall																										
UMS.03.37.0870	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to Mezzanine Sta 132+50 To North Headwall	13	01-Mar-17	17-Mar-17	-279	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to Mezzanine Sta 132+50 To North Headwall																										
UMS.31.20.0975	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132+50 To South Headwall	8	09-Mar-17	20-Mar-17	-272	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132+50 To South Headwall																										
UMS.03.37.0875	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to Temp Strut Level 2 Sta 132+50 To North Headwall	10	20-Mar-17	31-Mar-17	-279	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to Temp Strut Level 2 Sta 132+50 To North Headwall																										
UMS.03.37.0880	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to Temp Strut Level 2 Sta 132+50 To South Headwall	10	21-Mar-17	03-Apr-17	-272	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to Temp Strut Level 2 Sta 132+50 To South Headwall																										
UMS.31.50.0990	UMS_Install & Preload Temporary Struts - Level 2 Sta 132+50 To North Headwall	10	03-Apr-17	14-Apr-17	-279	UMS_Install & Preload Temporary Struts - Level 2 Sta 132+50 To North Headwall																										
UMS.31.50.0995	UMS_Install & Preload Temporary Struts - Level 2 Sta 132+50 To South Headwall	10	04-Apr-17	17-Apr-17	-272	UMS_Install & Preload Temporary Struts - Level 2 Sta 132+50 To South Headwall																										
UMS.03.37.0995	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 2 To Platfm Strut Level Sta 132+50 To South Headwall	10	04-Apr-17	17-Apr-17	-228	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 2 To Platfm Strut Level Sta 132+50 To South Headwall																										
UMS.31.20.0980	UMS_Excavate Bench to Platform Strut Level & Expose Wide Flange Sta 132+50 To North Headwall	8	17-Apr-17	26-Apr-17	-279	UMS_Excavate Bench to Platform Strut Level & Expose Wide Flange Sta 132+50 To North Headwall																										
UMS.05.12.1200	UMS_Install Permanent Wales Platform Strut Level Sta 132+50 To North Headwall	10	21-Apr-17	04-May-17	-278	UMS_Install Permanent Wales Platform Strut Level Sta 132+50 To North Headwall																										
UMS.31.20.0985	UMS_Excavate Bench to Platform Strut Level & Expose Wide Flange Sta 132+50 To South Headwall	8	27-Apr-17	08-May-17	-279	UMS_Excavate Bench to Platform Strut Level & Expose Wide Flange Sta 132+50 To South Headwall																										
UMS.05.12.1220	UMS_Install & Preload Permanent Struts Platform Strut Level Sta 132+50 To North Headwall	10	27-Apr-17	10-May-17	-278	UMS_Install & Preload Permanent Struts Platform Strut Level Sta 132+50 To North Headwall																										
UMS.05.12.1210	UMS_Install Permanent Wales Platform Strut Level Sta 132+50 To South Headwall	10	03-May-17	16-May-17	-279	UMS_Install Permanent Wales Platform Strut Level Sta 132+50 To South Headwall																										
UMS.05.12.1230	UMS_Install & Preload Permanent Struts Platform Strut Level Sta 132+50 To South Headwall	10	05-May-17	18-May-17	-279	UMS_Install & Preload Permanent Struts Platform Strut Level Sta 132+50 To South Headwall																										

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018				2019				2020				2021		
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
						Gantt Chart																										
UMS.03.37.0990	UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 2 To Platfrm Strut Level Sta 132+50 To No Hw	10	11-May-17	24-May-17	-272	■ UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 2 To Platfrm Strut Level Sta 132+50 To No Hw																										
UMS.31.20.1030	UMS_ Excavate/Demo Liner to Temporary Strut Level 3 & Expose Wide Flange Sta 132+50 To North Headwall	10	11-May-17	24-May-17	-278	■ UMS_ Excavate/Demo Liner to Temporary Strut Level 3 & Expose Wide Flange Sta 132+50 To North Headwall																										
UMS.31.50.1050	UMS_ Install Temporary Struts - Level 3 Sta 132+50 To North Headwall	10	18-May-17	01-Jun-17	-273	■ UMS_ Install Temporary Struts - Level 3 Sta 132+50 To North Headwall																										
UMS.31.20.1040	UMS_ Excavate/Demo Liner to Temporary Strut Level 3 & Expose Wide Flange Sta 132+50 To South Headwall	10	19-May-17	02-Jun-17	-279	■ UMS_ Excavate/Demo Liner to Temporary Strut Level 3 & Expose Wide Flange Sta 132+50 To South Headwall																										
UMS.03.37.1020	UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Platfrm Strut Level To Temp Strut Level 3 Sta 132+50 To No Head	10	25-May-17	08-Jun-17	-272	■ UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Platfrm Strut Level To Temp Strut Level 3 Sta 132+50 To No Head																										
UMS.31.20.1060	UMS_ Excavate to Bottom of Invert Slab & Expose Wide Flange Sta 132+50 To North Headwall	3	05-Jun-17	07-Jun-17	-279	■ UMS_ Excavate to Bottom of Invert Slab & Expose Wide Flange Sta 132+50 To North Headwall																										
UMS.31.50.1220	UMS_ Install Temporary Struts - Level 3 Sta 132+50 To South Headwall	10	05-Jun-17	16-Jun-17	-274	■ UMS_ Install Temporary Struts - Level 3 Sta 132+50 To South Headwall																										
UMS.03.37.1030	UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Platfrm Strut Level To Temp Strut Level 3 Sta 132+50 To So Head	10	05-Jun-17	16-Jun-17	-261	■ UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Platfrm Strut Level To Temp Strut Level 3 Sta 132+50 To So Head																										
UMS.05.12.2130	UMS_ Attach 60 ea Platform Level Slab Stub Beam Assemblies To West Side Piles - Sta 132+50 To North Headwall	15	08-Jun-17	28-Jun-17	-279	■ UMS_ Attach 60 ea Platform Level Slab Stub Beam Assemblies To West Side Piles - Sta 132+50 To North Headwall																										
UMS.05.12.1360	UMS_ Attach 60 ea Platform Level Slab Stub Beam Assemblies To East Side Piles - Sta 132+50 To North Headwall	15	08-Jun-17	28-Jun-17	-279	■ UMS_ Attach 60 ea Platform Level Slab Stub Beam Assemblies To East Side Piles - Sta 132+50 To North Headwall																										
UMS.03.37.1040	UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 3 To Invert Sta 132+50 To North Headwall	10	15-Jun-17	28-Jun-17	-276	■ UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 3 To Invert Sta 132+50 To North Headwall																										
UMS.31.20.1130	UMS_ Excavate to Bottom of Invert Slab & Expose Wide Flange Sta 132+50 To South Headwall	3	19-Jun-17	21-Jun-17	-274	■ UMS_ Excavate to Bottom of Invert Slab & Expose Wide Flange Sta 132+50 To South Headwall																										
UMS.05.12.1370	UMS_ Attach 40 ea Platform Level Slab Stub Beam Assemblies To West Side Piles - Sta 132+50 To South Headwall	10	29-Jun-17	13-Jul-17	-279	■ UMS_ Attach 40 ea Platform Level Slab Stub Beam Assemblies To West Side Piles - Sta 132+50 To South Headwall																										
UMS.05.12.1365	UMS_ Attach 40 ea Platform Level Slab Stub Beam Assemblies To East Side Piles - Sta 132+50 To South Headwall	10	29-Jun-17	13-Jul-17	-279	■ UMS_ Attach 40 ea Platform Level Slab Stub Beam Assemblies To East Side Piles - Sta 132+50 To South Headwall																										
UMS.31.41.0205	UMS_ Install Sheet Piling at Garage Base Slab	10	07-Jul-17	20-Jul-17	-232	■ UMS_ Install Sheet Piling at Garage Base Slab																										
UMS.03.37.1050	UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 3 To Invert Sta 132+50 To South Headwall	10	07-Jul-17	20-Jul-17	-274	■ UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 3 To Invert Sta 132+50 To South Headwall																										
UMS.31.20.1355	UMS_ Excavate HVAC Chase Beneath North Concourse Slab (Intermediate Strut Level)	5	28-Jul-17	03-Aug-17	-194	■ UMS_ Excavate HVAC Chase Beneath North Concourse Slab (Intermediate Strut Level)																										
UMS.05.12.2250	UMS_ Install W-Section Piles Reinforcement - (Intermediate Strut Level)	10	04-Aug-17	17-Aug-17	-181	■ UMS_ Install W-Section Piles Reinforcement - (Intermediate Strut Level)																										
UMS.31.20.0260	UMS_ Excavate to Intermediate Level In Garage	5	19-Oct-17	25-Oct-17	-233	■ UMS_ Excavate to Intermediate Level In Garage																										
Concrete/Shotcrete		562	27-Jan-16 A	11-Jul-18	-116	■ Concrete/Shotcrete																										
Structural Steel		271	24-May-17	19-Jun-18	-245	■ Structural Steel																										
Masonry		324	28-Apr-17	08-Aug-18	-211	■ Masonry																										
Mechanical		399	28-Apr-17	26-Nov-18	-221	■ Mechanical																										
Electrical		444	05-Jul-17	18-Mar-19	-286	■ Electrical																										
Electrical - Transportation		336	12-Jul-17	06-Nov-18	-220	■ Electrical - Transportation																										
Architectual Finishes		452	14-Apr-17	07-Jan-19	-250	■ Architectual Finishes																										
Conveyances		264	09-Nov-17	27-Nov-18	-202	■ Conveyances																										
Stairs		455	15-Feb-17	30-Nov-18	-219	■ Stairs																										
Startup & Testing		61	06-Dec-18	04-Mar-19	-279	■ Startup & Testing																										
UMS.01.80.9900	UMS- Building Systems Start-up & Testing	61	06-Dec-18	04-Mar-19	-279	■ UMS- Building Systems Start-up & Testing																										
No 13-Disp		1587	03-Sep-13 A	28-Mar-19	64	■ No 13-Disp																										
Construction CTS Station P-1254R		1451	23-Dec-13 A	29-Mar-19	63	■ Construction CTS Station P-1254R																										
Preconstruction		15	16-Jan-18	05-Feb-18	4	■ Preconstruction																										
Site Work / Utility Relocation		510	27-Dec-16	31-Dec-18	125	■ Site Work / Utility Relocation																										
Excavation & Support		555	12-Jun-16 A	06-Aug-18	-124	■ Excavation & Support																										
CTS.31.43.140	CTS_ Compensation Grouting - As Required	10	12-Jun-16 A	20-Jan-17	267	■ CTS_ Compensation Grouting - As Required																										
CTS.31.50.330	Install Temp Level 6 Struts & Wales & Preload	10	08-Nov-17	22-Nov-17	-282	■ Install Temp Level 6 Struts & Wales & Preload																										
CTS.31.20.335	Excavate to 3' Below Level 7 Struts EL -7.5 Col 4.0-11.0	15	13-Nov-17	05-Dec-17	-282	■ Excavate to 3' Below Level 7 Struts EL -7.5 Col 4.0-11.0																										
CTS.31.50.370	Install Temp Level 7 Struts & Wales & Preload	10	21-Nov-17	06-Dec-17	-282	■ Install Temp Level 7 Struts & Wales & Preload																										
CTS.31.20.380	Excavate Headhouse to Invert Slab EL -18.67	12	07-Dec-17	22-Dec-17	-282	■ Excavate Headhouse to Invert Slab EL -18.67																										
CTS.31.50.070	Remove Level 6 & 7 Struts & Wales	5	14-Mar-18	20-Mar-18	-277	■ Remove Level 6 & 7 Struts & Wales																										
CTS.31.50.110	CTS_CN Remove Level 5 Struts & Wales	5	14-Mar-18	20-Mar-18	-282	■ CTS_CN Remove Level 5 Struts & Wales																										
CTS.31.50.150	CTS_CN Remove Level 4 Struts & Wales	5	02-May-18	08-May-18	-242	■ CTS_CN Remove Level 4 Struts & Wales																										
CTS.31.50.195	Remove Level 3 Struts & Wales	5	28-Jun-18	05-Jul-18	-277	■ Remove Level 3 Struts & Wales																										
CTS.31.50.235	Remove Level 2 Struts & Wales	5	06-Jul-18	12-Jul-18	-268	■ Remove Level 2 Struts & Wales																										
CTS.31.50.240	Remove Level 1 Struts & Wales	5	31-Jul-18	06-Aug-18	-278	■ Remove Level 1 Struts & Wales																										
Tunnel / Cavern Mining		257	08-Nov-16 A	22-Nov-17	-154	■ Tunnel / Cavern Mining																										
CTS.31.71.420	BreakinTop / Bench Sidewalls for North Platform Cavern Excavation	12	08-Nov-16 A	03-Feb-17	-110	■ BreakinTop / Bench Sidewalls for North Platform Cavern Excavation																										
CTS.31.71.450	Breakin Top Benches for South Platform Cavern Excavation	13	14-Nov-16 A	30-Dec-16	-287	■ Breakin Top Benches for South Platform Cavern Excavation																										
CTS.31.71.460	Excavate & Support Top Right Heading South Platform Cavern 176Lf	20	21-Nov-16 A	18-Jan-17	-287	■ Excavate & Support Top Right Heading South Platform Cavern 176Lf																										

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018				2019				2020				2021		
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
Startup & Testing																																
CTS.01.80.00	CTS- Building Systems Start-up & Testing	44	28-Jan-19	28-Mar-19	-287																											
No 13-Disp																																
Construction YBM Station P-1255																																
Preconstruction																																
Excavation & Support																																
Y.1.620	Open all Traffic- 4th Street	1	25-Apr-16 A	10-May-17	164																											
YBM.31.20.500	Install Level 6 Struts	15	23-May-16 A	17-Jan-17	-274																											
YBM.31.20.470	Excavate Station to Invert Level	10	07-Nov-16 A	24-Jan-17	-274																											
YBM.31.20.580	Excavate Headhouse to Invert Level	12	01-May-17	16-May-17	-238																											
YBM.31.50.111	Remove Level 6 Struts (Station and Headhouse)	10	09-Aug-17	22-Aug-17	-238																											
YBM.31.50.121	Remove Headhouse Level 4 Struts	10	19-Oct-17	01-Nov-17	-221																											
YBM.31.50.131	Remove Headhouse Level 2 Struts GL 05-08	5	16-Jan-18	22-Jan-18	-221																											
YBM.31.50.141	Remove Headhouse Level 2 Struts GL 08-11	5	14-Feb-18	20-Feb-18	-210																											
YBM.31.20.510	Demo Stair #4 opening/ Excavate to Stair #4 invert Level	10	26-Apr-18	09-May-18	-147																											
YBM.31.20.520	Backfill Stair #4 to Surface Level	10	27-Jul-18	09-Aug-18	-167																											
Concrete/Shotcrete																																
Mechanical																																
Electrical																																
Electrical - Transportation																																
Conveyances																																
Startup & Testing																																
Y.4.545	YBM- Building Systems Start-up & Testing	61	01-Oct-18	27-Dec-18	-223																											
No 13-Disp																																
Construction STS P-1256																																
Preconstruction																																
Site Work / Utility Relocation																																
Concrete/Shotcrete																																
Tunnel Concrete																																
Structural Steel																																
Electrical																																
Electrical - Transportation																																
Trackwork																																
Track System Work																																
STS.34.42.2560	ATSC Systems- Intermediate Design	90	25-Apr-15 A	27-Jan-17	-270																											
STS.34.42.2570	ATSC Systems- Final Design	90	25-Sep-15 A	17-Mar-17	-270																											
STS.34.42.2580	ATSC Systems- Factory Acceptance Test Complete	90	16-May-16 A	25-Apr-17	-270																											
STS.34.42.2590	ATSC Systems- Hardware Equipment Procurement	120	26-Apr-17	13-Oct-17	-270																											
STS.34.42.2600	ATSC Systems- Deliver Hardware	119	16-Oct-17	05-Apr-18	-270																											
STS.34.42.2610	ATSC Systems- Installation, Software Testing	147	06-Apr-18	01-Nov-18	-270																											
STS.34.42.2630	ATSC Systems- Substantial Completion	5	18-Mar-19	22-Mar-19	-270																											
STS.34.42.2640	ATSC Systems- Final Acceptance	50	25-Mar-19	03-Jun-19	-270																											
STS.34.42.2620	ATSC Systems- Rest of Allowance	2	04-Jun-19	05-Jun-19	-270																											
Startup & Testing																																
STS.34.42.425	Startup & Testing - Tunnel & ATSC Systems	80	20-Nov-18	15-Mar-19	-282																											
No 13-Disp																																
Unallocated Contingency																																
		115	28-Mar-19	10-Sep-19	-178																											

Appendix C

PROJECT SCOPE AND FUNDING OVERVIEW

Project Overview

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

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

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

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

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



Project Overview - continued

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

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

Funding Overview

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

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

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

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

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

All amounts in millions of dollars

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

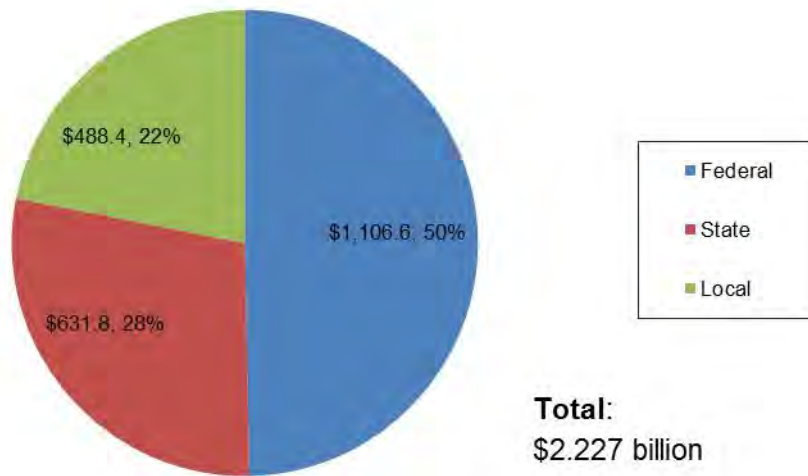
- Phase 1 + Phase 2 of the T Third Line federal, state and local funding percentages previous to the addition of the retrieval shaft relocation budget and funding in December 2013.

Funding Overview - continued

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

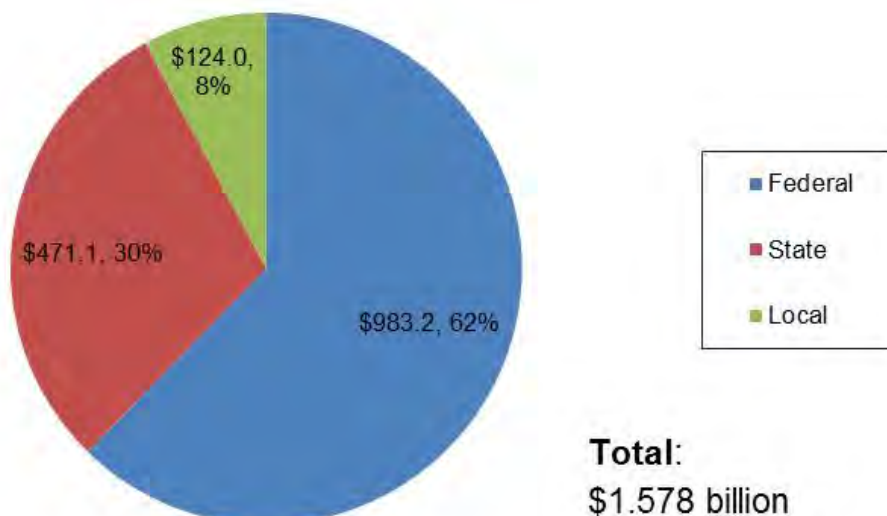
Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2
(\$ in millions)



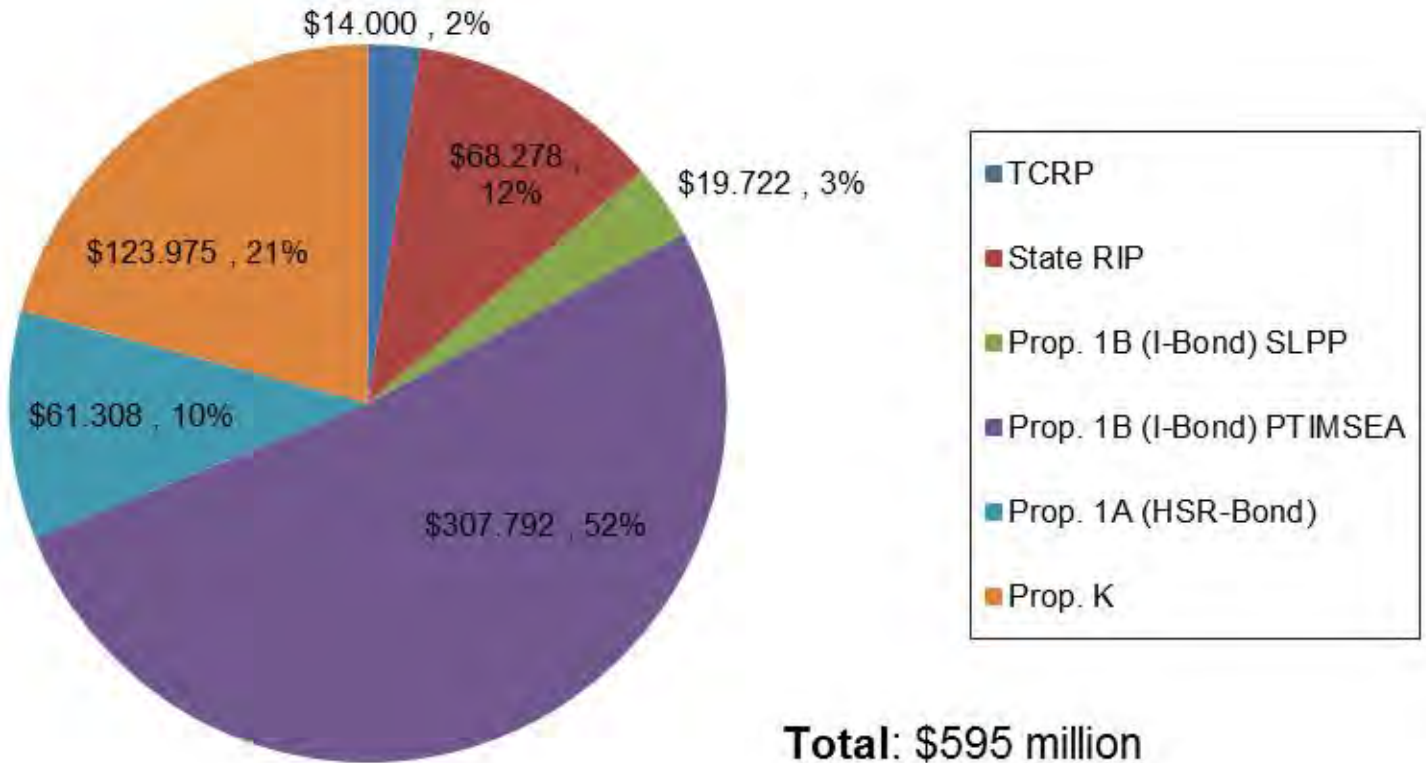
Central Subway Project Funding

Phase 2
(\$ in millions)



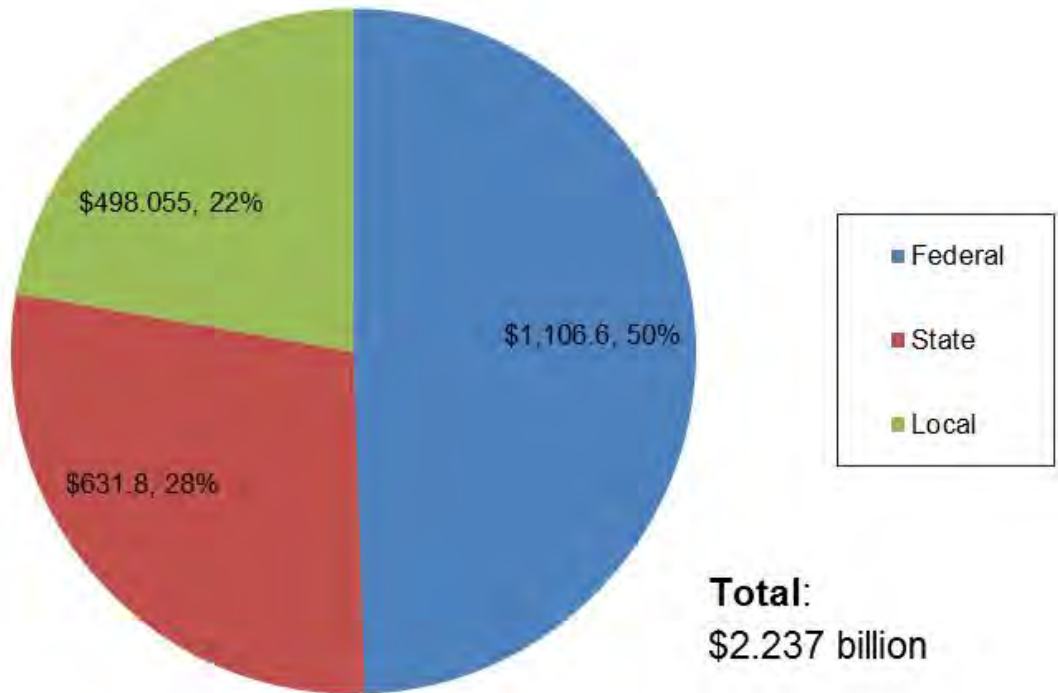
State and Local Funding

Phase 2
(\$ in millions)



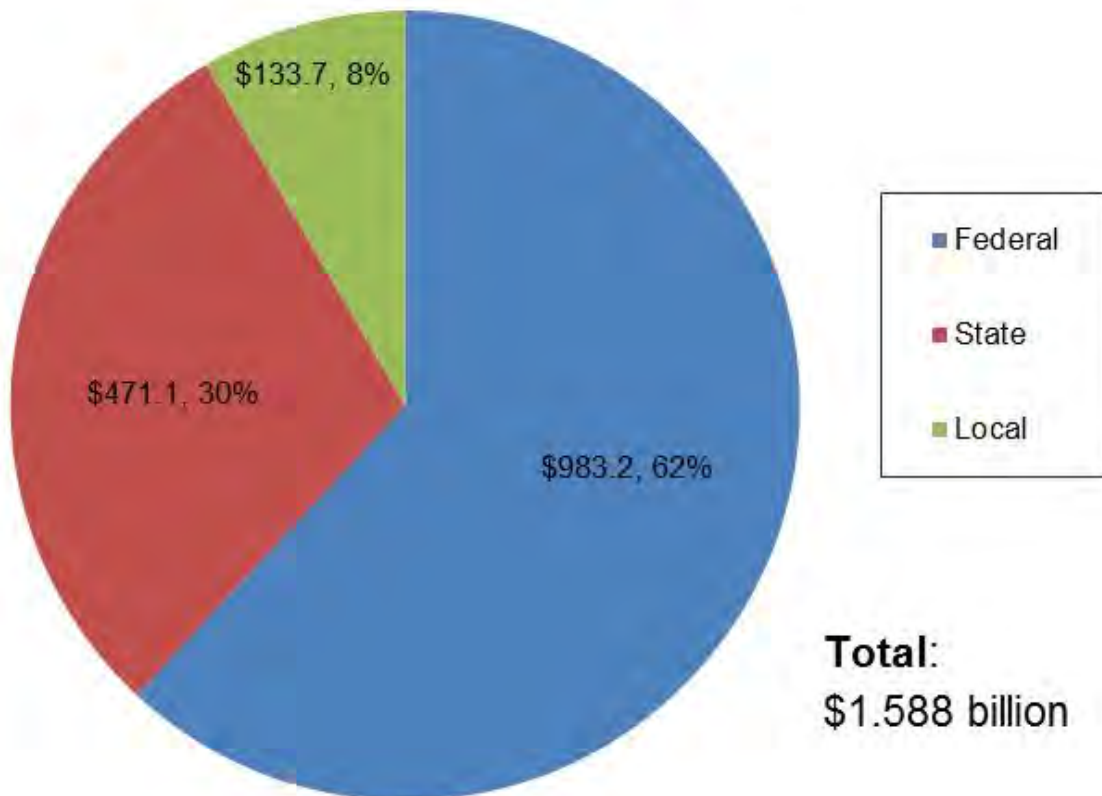
Third Street Light Rail Transit Project Funding

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

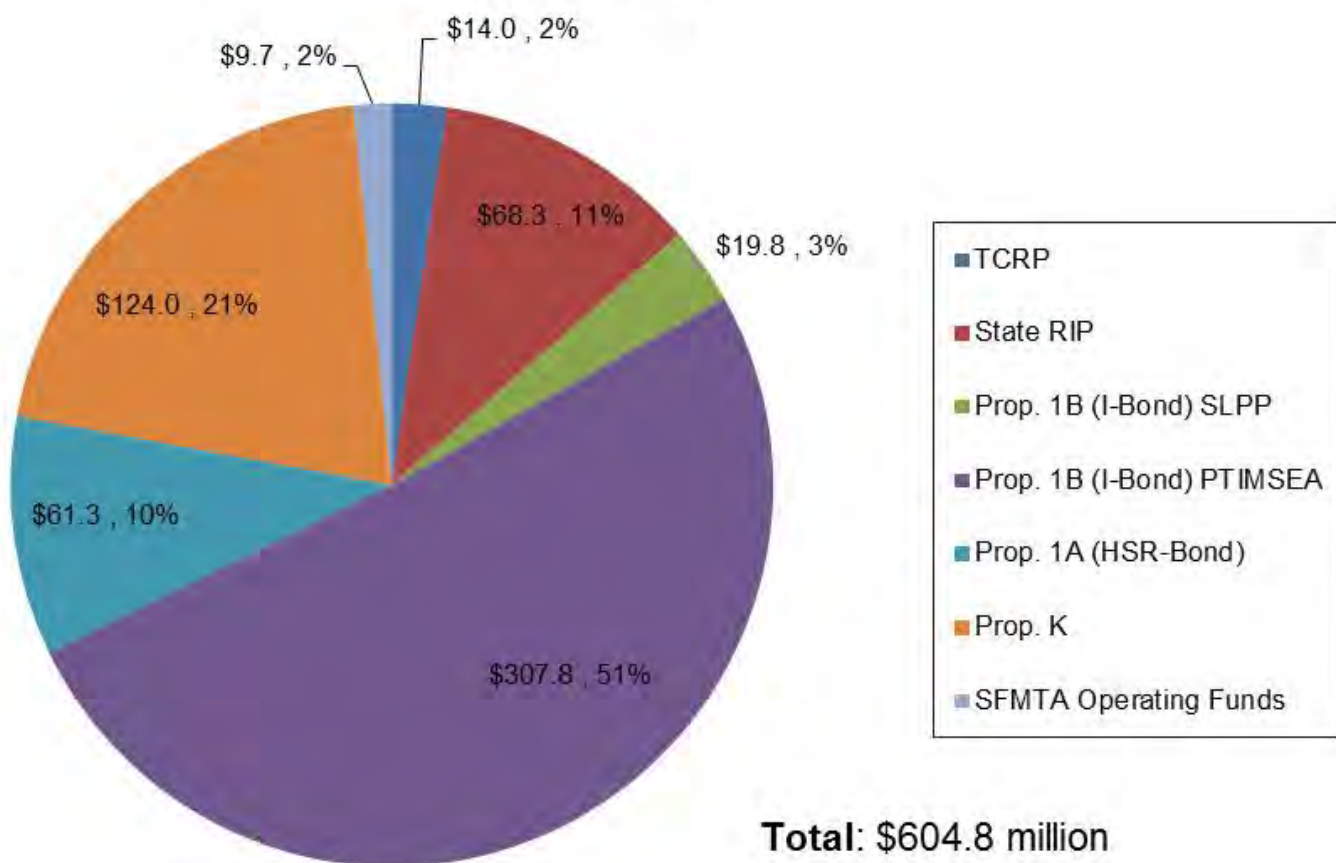


Central Subway Project Funding

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



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



Appendix D

COMPLETED CONTRACTS

Moscone Station and Portal Utility Relocation

Contract 1250

Contractor: Synergy Project Management, Inc.

Budget/Expenditures

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

Contract Details

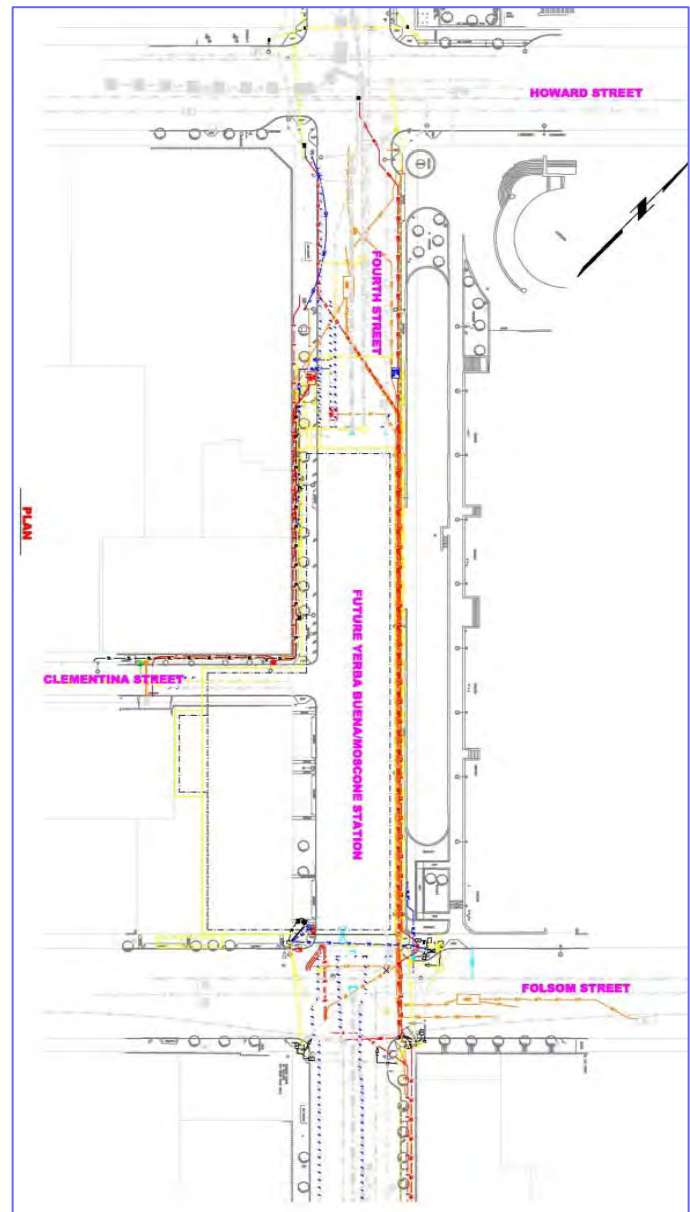
Contract Awarded:	November 17, 2009
Notice to Proceed:	January 4, 2010
Substantial Completion:	June 23, 2011
Contract Award Value:	\$ 9,273,939
Modifications Final :	\$ 2,694,211
Final Contract Value:	\$11,968,150

Status

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

Description

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



Union Square/Market Street Station Utility Relocation

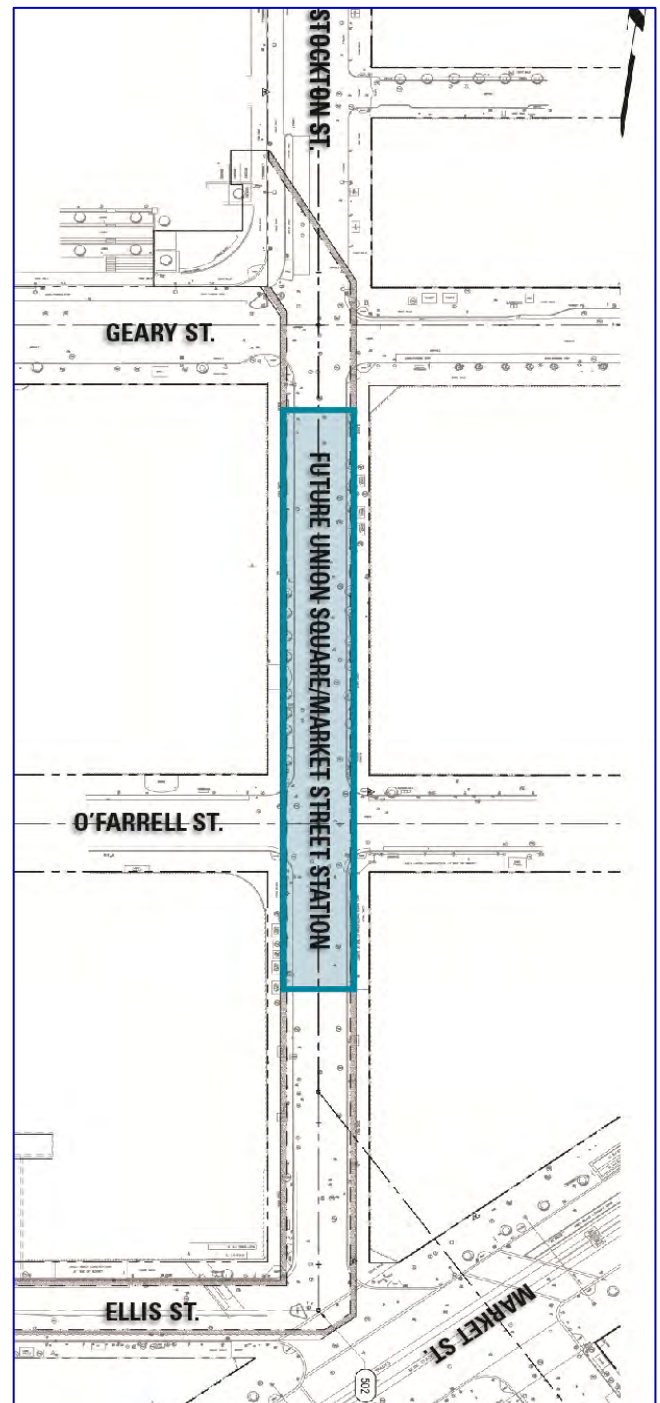
Contract 1251

Contractor: Synergy Project Management, Inc.

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

Description

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



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

Status

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

Central Subway Pagoda Palace Demolition

Contract 1277 Contractor: MH Construction

Work Description

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

- Work was substantially completed Sept. 24, 2013.
- Administrative closeout in progress.
- Completed administrative closeout in June 2016.

Budget/Expenditures	
Category	Amount
Current Budget	\$648,976
Expenditures to Date	\$648,976

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:	\$149,981
Current Contract Value:	\$648,976



Central Subway Tunneling

Contract 1252 Contractor: Barnard Impregilo Healy Joint Venture

Description of Work

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

Status

- Final Completion Date: May 15, 2015
- Administrative closeout in progress

Budget/Expenditures	
Category	Amount
Current Budget	\$235,913,500
Other Project Budget	\$5,150,000
Other Offset Credits	\$1,291,078
Expenditures to Date	\$233,793,900

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 13, 2015
Contract Award Value:	\$233,584,015
Modifications to Date:	\$7,935,848
Current Contract Value:	\$241,519,863



Appendix E

SBE PARTICIPATION

Quarterly Report

Current Report: October 2016 – December 2016

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, 2016.¹

CS Program SBE Summary Table for Professional Services and Construction Contracts

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

Appendix E - Monthly Progress Report - Reported Quarterly in 2016
CS Program SBE Summary Table for Professional Services and Construction Contracts

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			millions		millions		millions	millions		
1	149	CS Partnership	Project Management	\$85.14	30%	\$58.54	39.7%	\$25.54	\$23.25	31.4%
2	156	Hill International	Project Controls Task 1	\$17.11	26%	\$9.60	28.9%	\$4.45	\$2.77	26.0%
3	155-1	PB Telemon	Tunnels Design	\$7.94	30%	\$7.89	29.7%	\$2.38	\$2.34	31.6%
4	155-2	CS Design Group	Stations Design	\$36.52	30%	\$35.21	37.5%	\$10.96	\$13.20	36.4%
5	155-3	HNTB, Inc.- B&C	Systems, Track & Surface Station Design	\$17.23	30%	\$25.83	26.8%	\$5.17	\$6.92	30.0%
Subtotal Professional Services				\$163.94		\$137.07		\$48.50	\$48.49	
B Project Construction Contracts			millions		millions		millions	millions		
1	1250	Synergy Inc	Utility Relocation 1	\$11.97	20%	\$11.97	97.2%	\$2.39	\$11.63	96.4%
2	1251	Synergy Inc	Utility Relocation 2	\$20.79	20%	\$20.79	87.4%	\$4.16	\$18.18	94.9%
3	1252	BIH	Tunnels and Portal - in Construction	\$241.29	6%	234.88	5.8%	\$14.48	\$13.58	6.1%
4	1277	MH Construction	Pagoda Demolition	\$0.65	100%	\$0.65	100.0%	\$0.65	\$0.65	100.0%
5	1300	Tutor-Perini	Stations/Track/Systems - in Construction	842.94	20%	\$448.22	19.7%	\$168.59	\$88.39	25.5%
Subtotal Construction Contracts				\$1,117.64		\$716.52		\$190.27	\$132.43	
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”).

Applications and Contractor's monthly submittals that may include the current estimated accruals. The BIH SBE percent is from the contractor's progress payment #39, Form 6.

- c) Column G, the Contractor's SBE Goal in the submitted bid, is background information that is not calculated in the table. The table source of the Contractor's SBE Goals is from the SFMTA Contract Compliance Office. A Contractor's SBE goal in the bid is one source used by SFMTA Contract Compliance to assess and propose the Agency's SBE goal for a contract.
- d) The three constructions contracts shown in **bold type, 1250, 1251 and 1277**, with gray background, are completed contracts. Little to no changes will be shown in future reports.
- e) The SBE Hill International Actual to Date SBE participation is 29.0% for the overall SFMTA contract. The Hill International data is for the Central Subway Task 1 portion of the Hill International contract to provide SFMTA Project Controls services and systems.
- f) The SBE SFMTA goal for Contract 1300 Tutor-Perini is 20% SBE with a provision of 50% for trucking.

The 1300 Tutor-Perini SBE percent Actual is based on the SBE data provided in Progress Payment #36, December 2016, SFMTA SBE FORM No. 6.

- g) The SBE SFMTA goal for Contract 1277 MH Construction was based on an SBE set-aside.

SBE Participation Details

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

Active Professional Services Contracts - SBE Participation Details

As of: 12/31/2016

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.)	\$58,536,776
	% Expended	68.8%
	SBE Participation	39.7%
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.)	\$9,602,526
	% Expended	56.1%
	SBE Participation	28.9%
Contract:	Design Package 1 for CNs 1250, 1251 and 1252 Tunnels	
Contract No.	CS-155-1 PB / Telemon*	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	\$5,795,000
	Approved Change Orders (7)	\$2,145,159
	Current Contract Value	\$7,940,159
	Expended to Date (est.)	\$7,887,101
	% Expended	99.3%
	SBE Participation	29.7%
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.)	\$35,207,277
	% Expended	96.4%
	SBE Participation	37.5%
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.)	\$25,832,169
	% Expended	149.9%
	SBE Participation	26.8%

* denote accrual

Active and Completed Construction Contracts - SBE Participation Details

		<i>Data as of:</i>	12/31/2016
Contract:	Synergy Inc Utility Relocation 1 YBM & Launch Box		
Contract No.	1250		
Status:	Contract is completed and closed out		
	Base Contract Value		\$9,273,939
	Approved Change Orders		\$2,694,211
	Final Contract Value		\$11,968,150
	% Expended		100%
	SBE SFMTA Goal		20%
	SBE Participation To Date		97.2%
Contract:	Synergy Inc Utility Relocation 2 UMS		
Contract No.	1251		
Status:	Contract is completed and closed out		
	Base Contract Value		\$16,832,550
	Approved Change Orders		3,962,031
	Final Contract Value		\$20,794,581
	% Expended		100%
	SBE SFMTA Goal		20.0%
	SBE Participation To Date		87.4%
Contract:	Pagoda Palace Demolition / MH Construction		
Contract No.	1277		
Status:	Contract is completed and closed out		
	Base Contract Value		\$498,995
	Approved Change Orders		\$149,981
	Current Contract Value		\$648,976
	Expended to Date (est.)		\$648,976
	% Expended		100.00%
	SBE SFMTA Goal		100.0%
	SBE Participation To Date		100.0%
Contract:	Tunnels Barnard/Impregilo/Haley		
Contract No.	1252		
Status:	Construction is underway and ongoing		
	Base Contract Value		\$233,584,015
	Approved Change Orders		\$8,255,506
	Current Contract Value		\$241,839,521
	Expended to Date (est.)		\$234,881,397
	% Expended		97.1%
	SBE SFMTA Goal		6.0%
	SBE Participation To Date		5.8%
Contract:	Stations and Systems / Tutor Perini		
Contract No.	1300		
Status:	Construction is underway and ongoing		
	Base Contract Value		\$839,676,400
	Approved Change Orders		\$4,818,396
	Current Contract Value		\$844,494,796
	Expended to Date (est.)		\$448,222,878
	% Expended		53.1%
	SBE SFMTA Goal		20.0%
	SBE Participation To Date		19.7%

Photos on the next page:

In December 2016, Winter Walk was again erected following the tremendous success of past years. Off the Grid food trucks were present offering a wide array of culinary delights and seating was provided for tired shoppers. Winter Walk's pedestrian plaza was set up on Stockton Street between Geary and Ellis.

central subway

Central Subway Project Office
530 Bush Street, Suite 400
San Francisco, CA 94108
Email: central.subway@sfmta.com



www.centralsubwaysf.com



www.twitter.com/central_subway



www.facebook.com/centralsubway



www.centralsubwayblog.com



www.youtube.com/municentralsubwaysf



www.flickr.com/municentralsubway

This document is published by the SFMTA and the City and County of San Francisco as a service to individuals and agencies interested in the Central Subway Project. Funding for the Central Subway is made possible through funds provided by the Federal Transit Administration, the State of California, the Metropolitan Transportation Commission and the San Francisco County Transportation Authority.



SFMTA
Municipal
Transportation
Agency

