

Transmittal

CS Transmittal No. 2612

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Date: June 24, 2021	Project No./Contract No.: M544.1, CSP
	Task No./Title: Cost/Schedule Management
	Project Phase: Construction
	Subject: Monthly Progress Report May 2021

Sent via:	<input type="checkbox"/> mail	<input type="checkbox"/> overnight	<input type="checkbox"/> messenger	<input type="checkbox"/> hand-delivered
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Item No.	Copies	Description	Rev. No.	Date
1	1	Monthly Progress Report (May 2021)	1	6/24/2021

If enclosures are not as noted, kindly notify us at once.

Remarks: This Monthly Progress Report includes cost and schedule details as appendices.

Nadeem Tahir

Nadeem Tahir, P.E.
Program Director
NT: dl

cc:

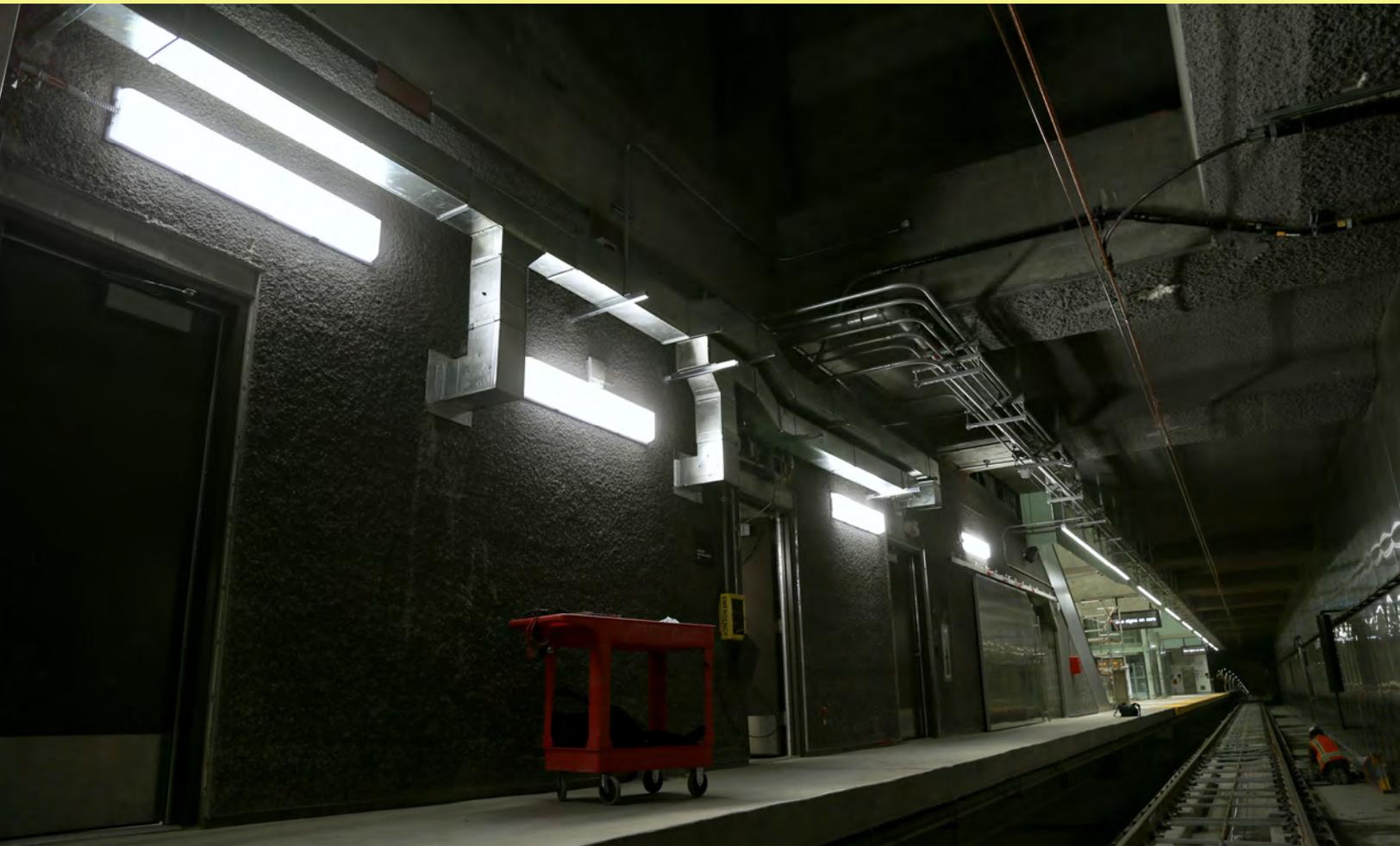
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CS File No. M544.1.5.0340.b

central subway

Getting closer to the finish



Progress Report

May 2021



MEMORIAL DAY

REMEMBERING & HONORING ALL WHO SERVED



SFMTA

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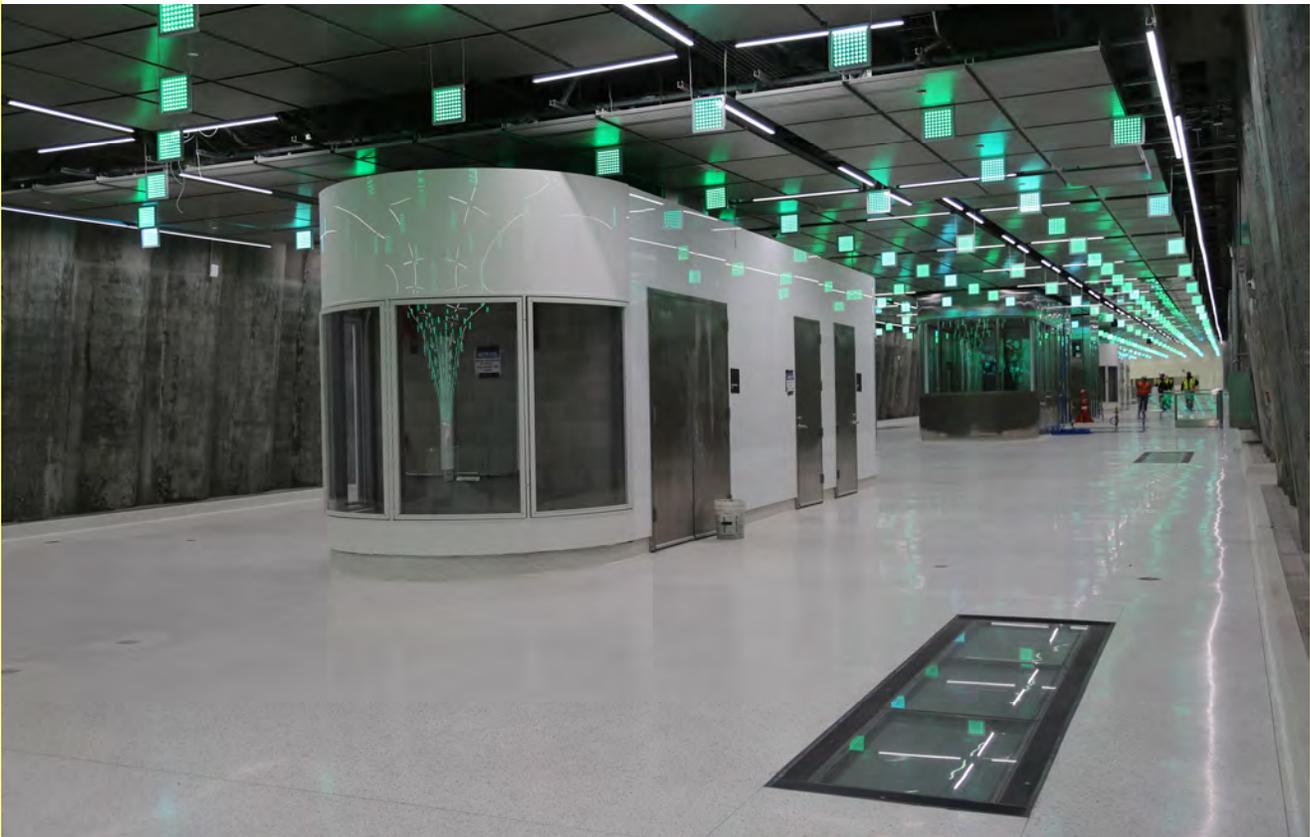
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Cover photo: View of YBM station from tunnel

Above photo: View of the concourse level at UMS

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



View of surface plaza at CTS

Executive Summary

Coronavirus Pandemic (COVID 19) - On March 17, 2020, the Mayor and the City's Health Office issued a Public Health Order to "Shelter-In-Place" in response to the COVID-19 pandemic. With conditions in the Bay Area improving, the City has adjusted various restrictions which limit indoor and outdoor activities and placed the City and County in the "Yellow Tier" which is less restrictive. The City's Health Office anticipates further adjustment to these restrictions as conditions for COVID-19 improves in the Bay Area and the State of California. The State of California anticipates additional reduction to the conditions after June 15th when the state plan to eliminate the tier system. Construction of the Central Subway project continues to progress, and Construction Management team continues to monitor impact of the COVID restrictions on project schedule. No cases were reported in May. The Contractor continues to follow the required protocol to maintain the safety of the work force. The project has determined that these restrictions have some impacts to the project efficiency and schedule. The project continues to progress towards substantial completion and startup and testing. The project has worked with our funding partners and has issued a revised Full Funding Grant Agreement requesting extension to the Revenue Service Date (RSD). While the COVID restrictions have been adjusted, the project team continues to only have essential project staff on site to ensure safety of the staff and allow other staff to telecommute. (For additional discussion, please see Safety and Security section on pg. 33)

Chinatown Station - Completed installing Elevators 3 and 4. Completed installing GFRC panels along the Northern exterior wall. Completed Fire Alarm and PA system testing. Completed test circuit breakers. Completed testing for FSS SCADA soft point. Completed traction power conduit installation. Continued street work (minor), ongoing monitoring and surveying.

Union Square/Market Street Station - Completed installation of ATCS FO patch panel in AUX communication room at Platform level. Completed tampers and flows testing. Began installing blue light on South Platform. Continued installation of cabinets in the break room.

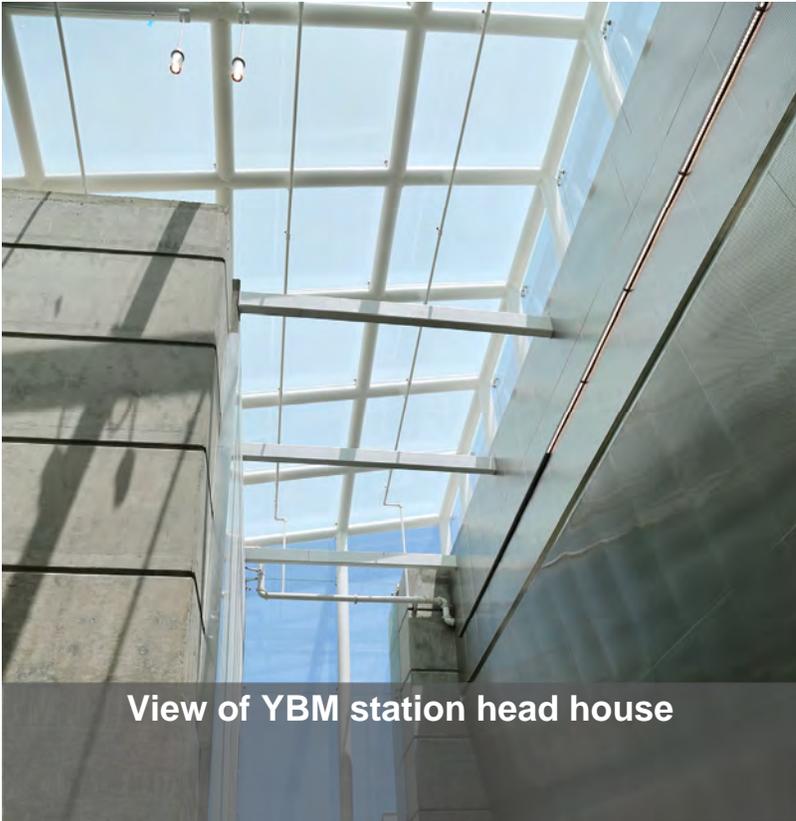
Yerba Buena/Moscone Station - Completed installation of kiosks at Concourse and Platform levels. Completed installation of track lights at SAB roof panel. Began interior finishes on Concourse level within Station box. Performed deluge spray pattern demonstration with SFFD.

Surface, Track and Systems - Continued traction power conduit and other electrical conduit installation inside tunnel. Continued installation of ATCS and radio system testing. Continued 4th/Brannan platform construction.

Total net incurred costs for the project are \$1,834.39 million, a \$5.60 million increase over last month. The total cost to date has exceeded the total project budget of \$1.877 billion. The project continues to review the overall cost. The current Estimate at Completion (EAC) is projected to be \$1.891B or \$313M above the original budget of \$1.578B. The project shows a forecast Revenue Service Date of Spring 2022. (For additional discussion, please see Costs and Schedule on pg.7)

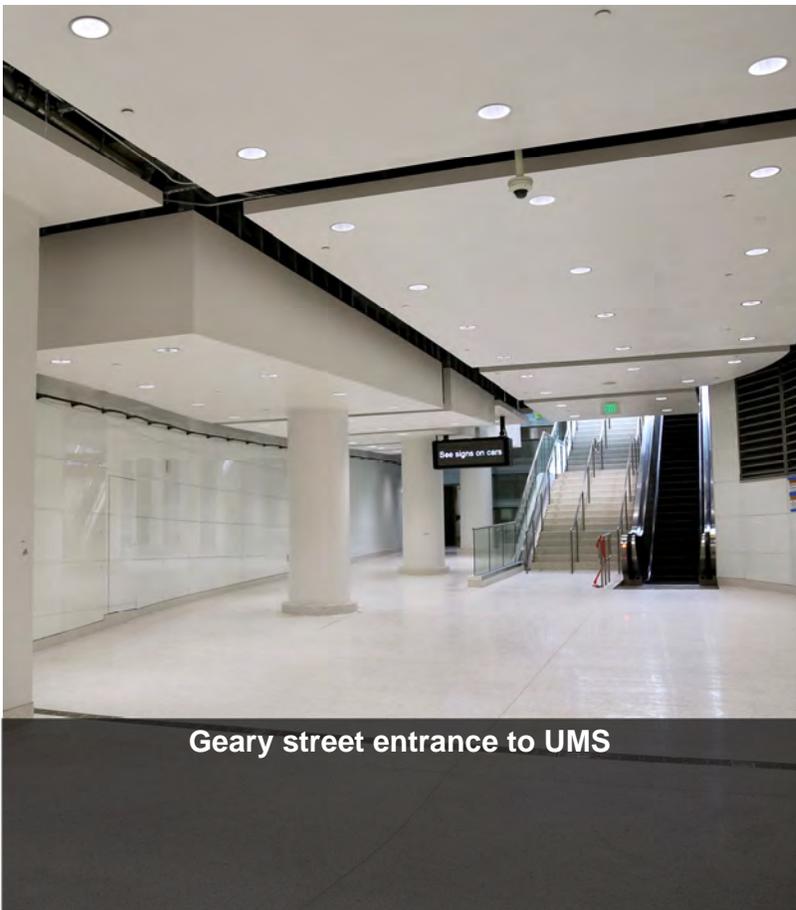
The Stations Contractors' Safety Reports should show any accidents that may occur during the current month. (May 2021 table will be updated at a later date.) The rates of work site accident incidents by the man hours worked continue to be below industry standards - see tables on page 34.

Key Milestones

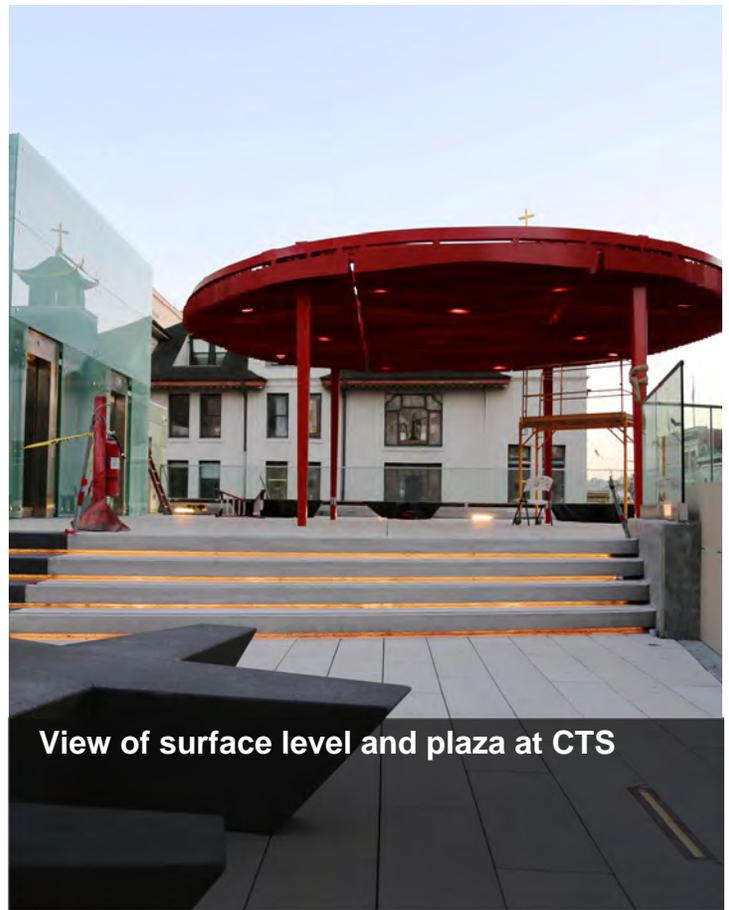


View of YBM station head house

MILESTONE	DATE EXPECTED
General	
Revenue Service	Spring 2022
Contract 1300 Stations, Surface, Track, Systems	
Notice to Proceed (NTP 1)	June 17, 2013 (A)
Notice to Proceed (NTP 2)	February 12, 2014 (A)
Substantial Completion	Spring 2021



Geary street entrance to UMS



View of surface level and plaza at CTS

Costs and Schedule

Costs (See Appendix A for Details)

The revised Cost Estimate (CCE) for the Central Subway Project is \$1.829 billion in year of expenditure dollars (\$YOE). The project continues to work with our funding partners to address the current funding issues. Currently, the project estimates the Estimate at Completion (EAC) to be \$1.891B or \$313M above the original budget of \$1.578B. These revised estimates have been shared with our board and funding partners. Based on the additional funding requirement, the project has received additional \$299M from capital contingency funds. The project will continue to work with Finance and Grants to secure the remaining funds which will come from redirecting flexible funds from other funded capital projects. EAC has been incorporated with claim settlements, contract modifications and delayed cost due to the current pandemic. With the revised EAC, the team continues to update the various cost sheets to reflect the revised budget and EAC along with any impacted appendix. The team continues to work with SFMTA Finance and Grants to book the remaining funds as they are identified and become available to the program.

Total net incurred costs for the project are \$1,834.39 million, a \$5.60 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$1,834.07 million) plus the utilities joint trench Form B Reimbursement payment (\$12.51 million), invoices currently being processed (\$9.43 million) and estimates of outstanding pay requests credits of (\$21.59 million). The revised total project budget is \$1.877 billion due to additional local funds received.

The current funding level to date has already been fully met which includes excess local funds consisting of Operating funds of \$71,600,000 appropriated in April 2021 . The original total project budget of \$1.578 billion has already completed its original funding of the program in July 2020. The project team will continue to work with our financial partners to ensure that impacts to the project are minimized and the additional funds are secured.

Earned Value Analysis

In May 2021 Report, the Preliminary Earned Value Analysis reports is based on the SFMTA May Schedule Update. The Planned Value, Earned Value, Actual Cost, Percent Complete and resulting indexes as follows:

Preliminary May Earned Value

Overall Budgeted Cost:	\$1,877,153,762
Planned Value:	\$1,593,491,019
Earned Value:	\$1,495,130,978
Actual Cost:	\$1,834,387,781
Schedule Performance Index (SPI):	0.94
Cost Performance Index (CPI):	0.82
Percent Complete:	93.8%

*May 2021 Notice: The City continues to experience problems that were caused by error and inaccuracy from the transition from FAMIS to Financial System Project (FSP). An updated methodology has been implemented within the financial reporting that will provide more accurate figures for transactions occurring in fiscal year 2021.

As we continue to address these data quality problems through data cleaning, you will continue to see monthly fluctuations as we detect and remove errors and inconsistencies from data in order to improve on the quality of data so that we will be able to report accurate data.

Schedule Highlights

The Master Project Schedule (MPS) below includes progress through May 2021. The May 2021 Schedule Update submittal from Contract 1300 Contractor was not submitted as the CN1300 Contractor has not provided the updated corrections to their June 2017, through July 2018 Schedule Updates. The Contract 1300 schedule represented in this report is based on the SFMTA May 2021 Schedule Update.

The MPS shows a forecast Revenue Service Date of Spring 2022 based on a revised assessment of the overall schedule and the current project conditions related to work efficiency due to COVID. The revised Revenue Service Date of Spring 2022 has been shared with our funding partners and a revised request to extend the Full Funding Grant Agreement with the revised date has been submitted to Federal Transit Administration (FTA) for approval. The project continues to evaluate this date with potential impact from COVID restrictions. The schedule team is assessing the risk with these issues and identifying potential mitigation to reduce the risk to the overall schedule.

Currently we are experiencing day-to-day delays caused by TPC's electrical work in the tunnel impacted by lack of resources. These issues have impacted TPC's Substantial Completion date, we have mitigated the delay by accelerating rail activation activities. TPC and SFTMA are working to reach scope and cost agreements for these contract modifications as TPC refuses to commence work without an approved Contract Modification. The controlling critical (longest) path of the MPS runs through the electrical activities within the tunnel which are impacting the TPC's Startup and Testing and subsequently the rail activation process. The latest schedule shows the longest path running through the Surface, Tracks and Systems (STS).

SFMTA continues to meet with Contractor to discuss all schedule concerns and comments. TPC has not been able to correctly staff the project which could potentially delay the project. In order to achieve the Baseline work productivity, TPC needs to increase the number of crews assigned to electrical work, allowing concurrent work within the tunnel and stations in order to make this completion date possible. It also requires that the front-end portion of ATCS Startup and Testing is performed concurrently with TPC's Startup and Testing followed by ATCS software testing in coordination with SFMTA Operations.

Contract 1300 Contractor submitted fifty-four (54) Schedule Updates from December 2014 to July 2019. SFMTA rejected twenty-eight (28) Schedule Updates from January 2016 to May 2016 and June 2016 to July 2018 due to multiple and repetitive issues that vary from incorrect working sequences to unrealistic forecasted completion dates to artificially steering the schedule longest path through certain portions of the project. SFMTA approved as noted December 2014 through December 2015, and May 2016 Schedule Updates. Contractor has been directed to provide a Revised Schedule as required by the overall settlement agreement to maintain the forecasted project completion.

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 May 2021 schedule is used within the September Report. The SFMTA Contract 1300 May 2021 schedule is based on the approved baseline schedule logic with adjustments made as mentioned above. 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.

Schedule Highlights - Continued

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

- Continued installing plumbing at Plaza level
- Began testing Elevators 1 & 2
- Completed installing Elevators 3 and 4
- Began testing Elevators 3 & 4
- Continued installing GFRC panels at Plaza level
- Completed testing board and panels, transformers, and lighting
- Completed installing GFRC panels along the Northern exterior wall
- Continued trouble shooting Traction Power and Train Control components
- Continued Power and Lighting testing
- Completed Fire Alarm and PA system testing
- Continued Security System testing
- Completed testing circuit breakers
- Completed testing for FSS SCADA soft point
- Completed traction power conduit installation
- Continue electrical deluge system control wiring
- Continued street work (minor), ongoing monitoring and surveying

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

Continued construction, installation and testing of the following items:

- Began fixing and adjusting of conduits in Aux Elec. Room at Platform level and above North Utility House
- Began installing Bluelight on South Platform
- Began fixing cracked glass at Concourse level
- Continued frame work for glass at escalators
- Continued cleaning and adjustment of escalators
- Continued painting traction power conduits at Platform level
- Continued painting conduits on north & south ends of the Platform
- Continued installation of drywall ESC, CMU wall and escalator side walls/cladding at north & south ends Platform level
- Continued installation of cabinets in the break room
- Completed installation of ATCS FO patch panel in AUX Communication room at Platform level
- Completed tampers and flows testing

Schedule Highlights - Continued

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

- Began interior finishes on Concourse level within Station box
- Continued working on alignment and bolt down traction power gear and install bus duct at TP room
- Completed installation of kiosks at Platform and Concourse levels
- Completed installation of track lights at SAB roof panel
- Performed deluge spray pattern demonstration with SFFD
- Installed map cases on kiosks at Concourse and Platform levels
- Continued terminating wire for blue light emergency phones at Platform
- Began pulling and framing negative feeder conduits at Platform level

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

- Continued 4th/Brannan platform construction
- Continued traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical power
- Continued traction power cable installation, terminations, and installation of cross bonds throughout the tunnel
- Continued OCS support, riser, and wire installation throughout the tunnel and portal
- Continued telephone enclosure and blue light installation in tunnels
- Continued fiber system installation and terminations in comm rooms (SFDT)
- Continued ATCS and radio system testing



One of the 4th street stations

Contracts & Construction

Construction Contracts In Progress

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

- Contractor: Tutor - Perini Corporation
- Amount: \$1,143.30 million
- Contract Status: 96.1% completed 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

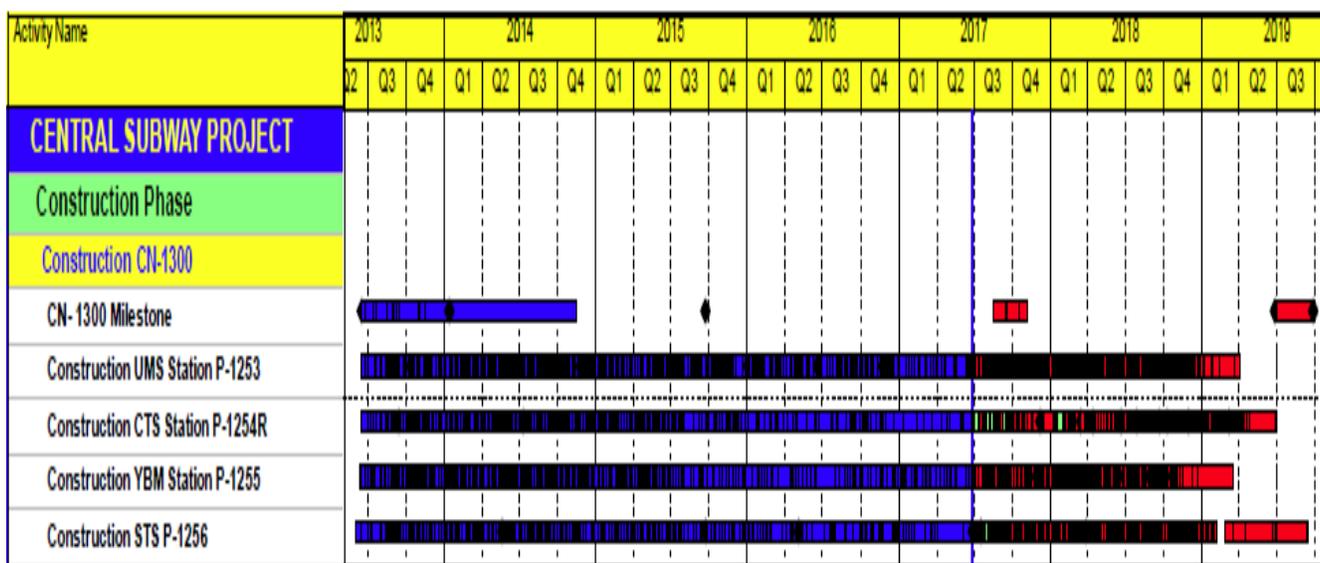
The Contract 1300 scope is to construct the Central Subway's three subway stations, one surface station, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

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:	Spring 2021
Contract Award Value:	\$839,676,400
Modifications to Date (\$):	\$303,622,187
Modifications to Date (Days):	1,052
Current Contract Value:	\$1,143,298,587

Budget/Expenditures▲	
Current Budget	\$1,130,545,999
Other Project Offset Credits	\$12,483,280
Expenditures to Date	\$1,117,384,192

1300 Summary Schedule



Chinatown Station

Contract 1300 - Work Package 1254R

Description of Work

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

Current Work Status

- Continued installing plumbing at Plaza level
- Began testing Elevators 1 & 2
- Completed installing Elevators 3 and 4
- Began testing Elevators 3 & 4
- Continued installing GFRC panels at Plaza level
- Completed testing board and panels, transformers, and lighting
- Completed installing GFRC panels along the Northern exterior wall
- Continued trouble shooting Traction Power and Train Control components
- Continued Power and Lighting testing.
- Completed Fire Alarm and PA system testing.
- Continued Security System testing.
- Completed testing circuit breakers
- Completed testing for FSS SCADA soft point
- Completed traction power conduit installation
- Continue electrical deluge system control wiring
- Continued street work (minor), ongoing



monitoring and surveying

Work Expected Next Month

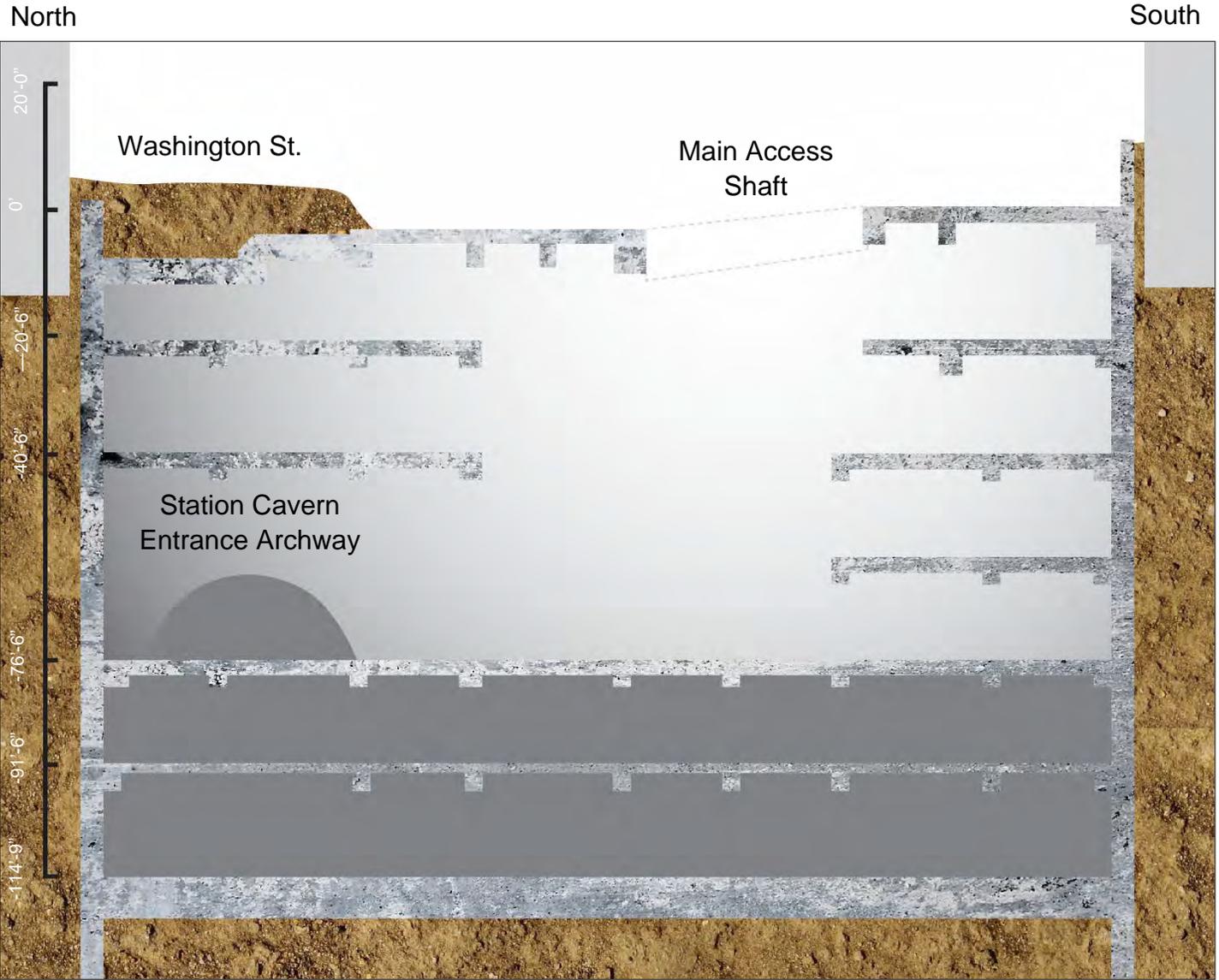
- Complete installing plumbing at Plaza level
- Complete testing Elevators 3 and 4
- Begin testing Escalators 1, 2, 3, 4, 5, & 6
- Complete installing GFRC panels at Plaza level
- Begin installing Train Platform Kiosks
- Begin installing Kiosks at Concourse Ticketing Hall
- Continue Security System testing
- Continue testing electrical and mechanical components testing
- Continue commissioning electrical and mechanical systems
- Continue construction of Station Agent Booth
- Begin installing handrails for ramp and stairs at Plaza
- Complete construction of PCC 50 Chinatown Plaza
- Completed testing deluge piping system
- Continue street work (minor), ongoing monitoring and surveying

Chinatown Station

Three Month Look Ahead

- Abandon dewatering wells on Stockton Street
- Install street traffic signal pole, pullboxes, and control box at intersection of Stockton/ Washington
- Complete cavern grouting to embed waterproof membrane
- Complete EV fan testing
- Complete UPS and SCADA testing
- Begin art work installation
- Complete Systems Start up and Acceptance Testing

Station Construction Progress Section

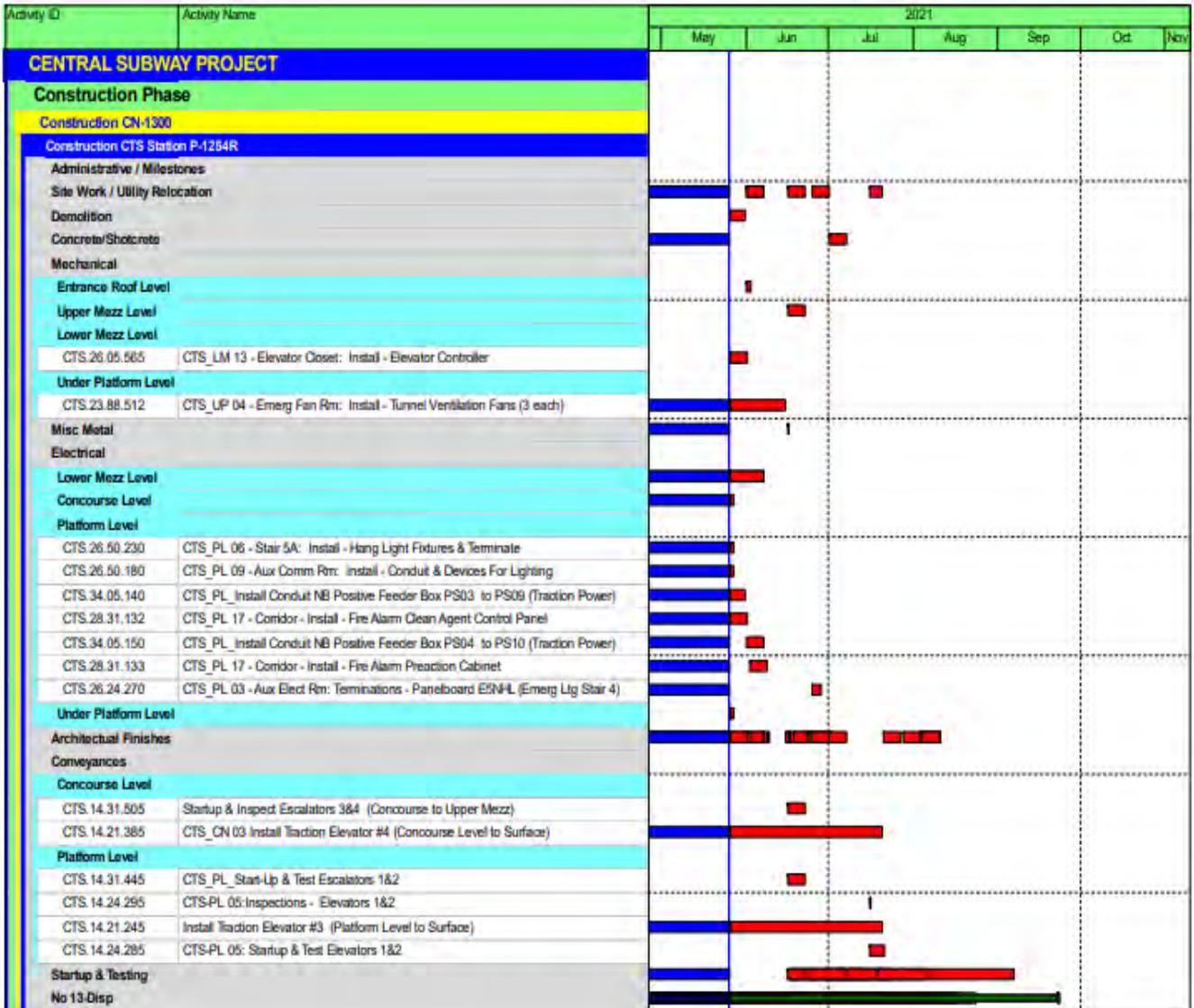


Chinatown Station Construction Status - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	Spring 2021
Contract Award Value:	\$247,567,810
Modifications to Date (\$):	\$156,181,923
Modifications to Date (Days):	1,052
Current Contract Value:	\$403,749,733

Budget/Expenditures	
Current Budget	\$392,247,198
Other Project Offset Credits	\$9,435,183
Expenditures to Date	\$387,262,932

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 and perform related street work. 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. This work package also involves reconstruction Street work which includes Geary St, O'Farrell St, Ellis Street and Stockton street from Post Street to the intersection of 4th / Ellis St / Market St.



Current Status This Month

Continued construction, installation and testing of the following items:

- Began fixing and adjusting of conduits in Aux Elec. Room at Platform level and above North Utility House
- Began installing Bluelight on South Platform
- Began fixing cracked glass at Concourse level
- Continued frame work for glass at escalators
- Continued cleaning and adjustment of escalators
- Continued painting traction power conduits at Platform level
- Continued painting conduits on north & south ends of the Platform
- Continued installation of drywall ESC, CMU wall and escalator side walls/ cladding at north & south ends Platform level
- Continued installation of cabinets in the break room
- Completed installation of ATCS FO patch panel in AUX Communication room at Platform level

- Completed tampers and flows testing

Work Expected Next Month

Continued construction, installation and testing of the following items:

- Continue installation of FHCs
- Continue fixing cracked glass at Concourse level
- Continue installation of traction power conduits and traction pull boxes
- Continue installation of side walls of escalators
- Continue painting of conduit on the Platform level
- Complete frame work for glass at escalators
- Continue application of anti-graffiti film

Three Month Look Ahead

Completion of the following:

- Stairs, elevators and escalators
- Emergency lighting at tunnel tie-in on Platform level
- CCTV/Communication at tunnel tie-in on Platform level

Union Square/Market Street Station

Contract 1300 Work Package 1253

- Application of anti-graffiti

Continued construction / begin installation and testing of the following:

- Overhead plumbing, fire protection piping and overhead fixture and electrical
- Frames and pressurized doors at Intermediate Strut level
- Access controls
- HVAC and EV Startup and Testing
- Power and Lighting Startup and Testing
- Fire Alarm /PA / Security System Startup and Testing
- Permanent PG&E historic streetlights at O'Farrell and Stockton Street
- Traffic cabinets
- OCS installation
- Complete testing of deluge system
- IR testing of low voltage transformer

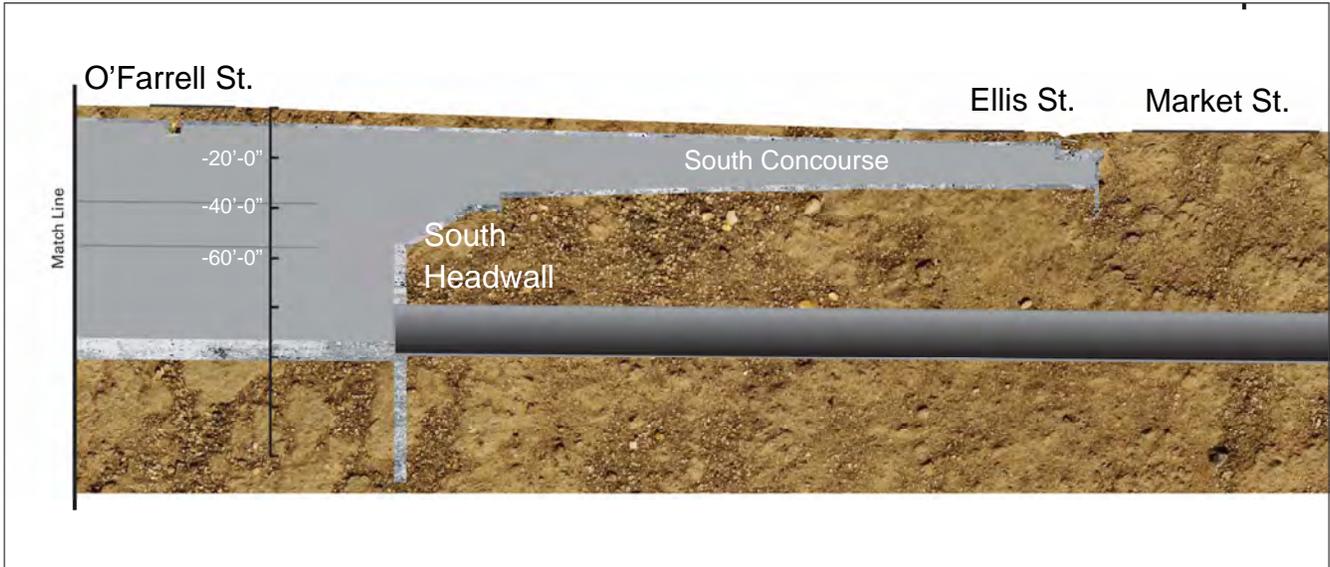
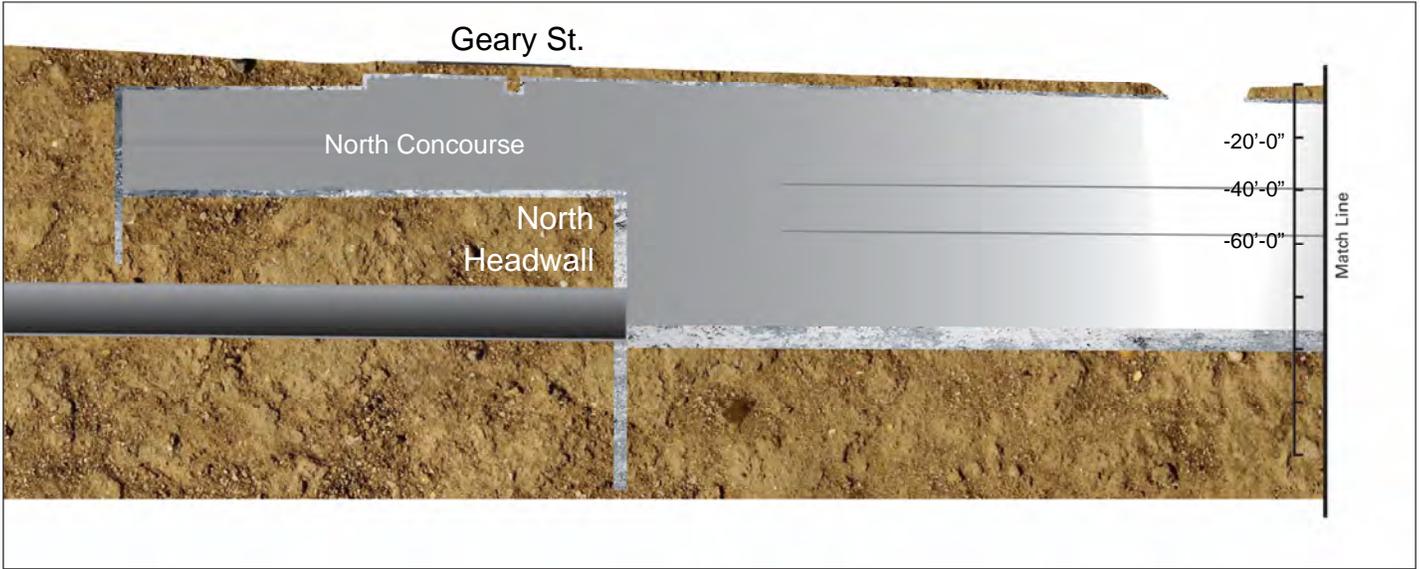


View from the Powell street BART entrance

Station Excavation and Construction Progress Section

North

South

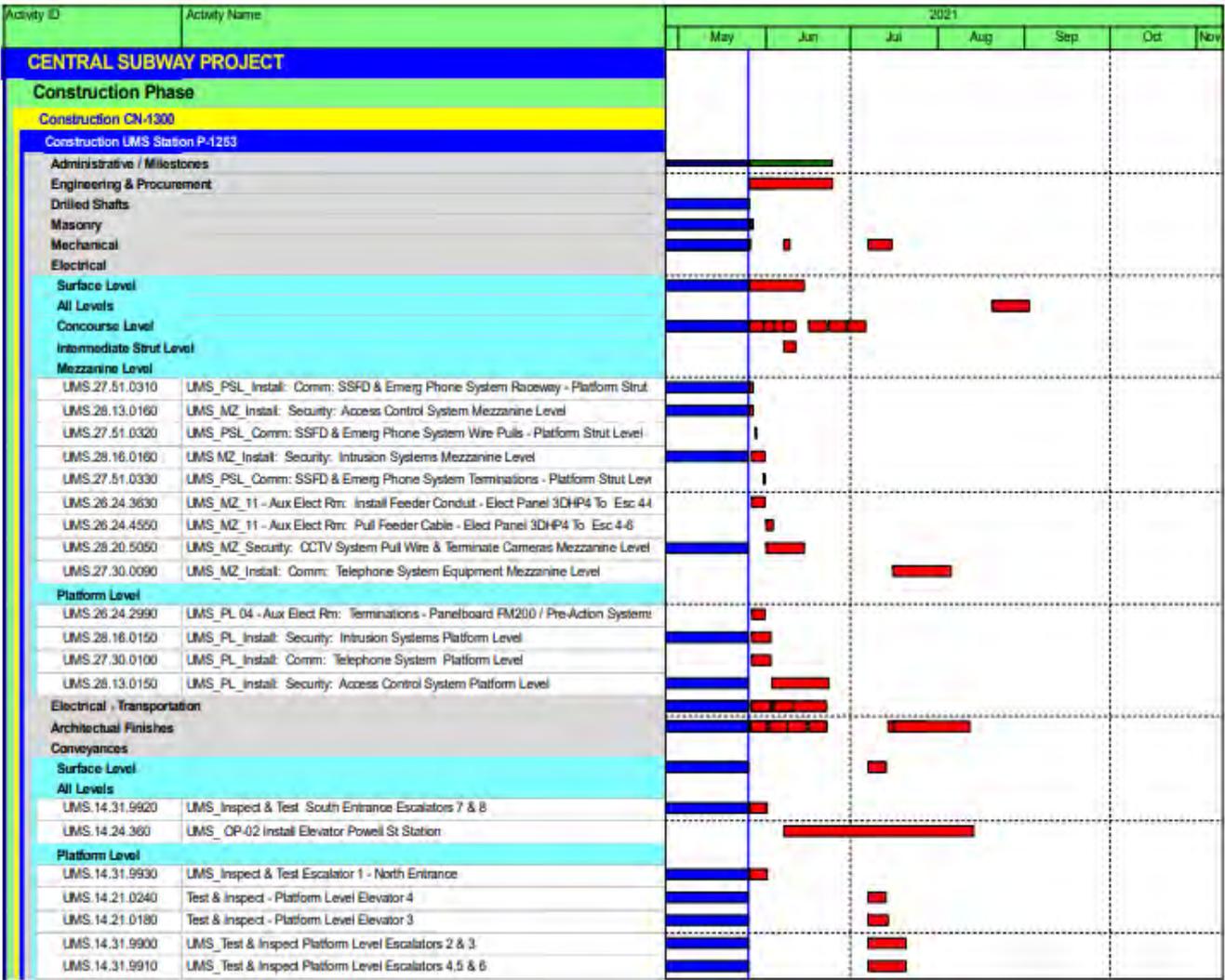


Union Square Market Street Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	Spring 2021
Contract Award Value:	\$294,030,590
Modifications to Date (\$):	\$20,744,337
Modifications to Date (Days):	1,052
Current Contract Value:	\$314,774,927

Budget/Expenditures ▲	
Current Budget	\$314,030,590
Expenditures to Date	\$311,666,315

UMS Three Month Schedule



Yerba Buena/Moscone Station

Contract 1300 - Work Package 1255

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

- Began interior finishes on Concourse level within Station box
- Continued working on alignment and bolt down traction power gear and install bus duct at TP room
- Completed installation of kiosks at Platform and Concourse levels
- Completed installation of track lights at SAB roof panel
- Performed deluge spray pattern demonstration with SFFD
- Installed map cases on kiosks at Concourse and Platform levels
- Continued terminating wire for blue light emergency phones at Platform
- Began pulling and framing negative feeder conduits at Platform level



- Continue Station Agent Booth
- Continue traction power gear testing and SCADA testing
- Continue SAB panel signoff
- Continue CCTV testing for elevators
- Continue deluge spray pattern demonstration with SFFD
- Heat recovery coils and air balance
- Continue metal cladding installation at Escalator 1, 2 and 3
- Continue daiken test of reworked systems
- FM200 room pressure tests

Work Expected Next Month

- Continue installing handrails at ingress/egress Stair 8 & 9
- Continue interior finishes on Concourse level within Station Box
- Continue interior finishes on Mezzanine
- Continue installation of sculpture at Surface level
- Continue alignment and bolt down traction power gear and install bus duct at TP room
- Continue installation of kiosks at Platform and Concourse levels

Three Month Look Ahead

- Complete installing handrails at ingress/egress Stair 8 & 9
- Complete interior finishes on Concourse level within Station Box
- Complete interior finishes on Mezzanine

Yerba Buena/Moscone Station

Contract 1300 - Work Package 1255

- Complete installation of sculpture at Surface level
- Complete alignment and bolt down traction power gear and install bus duct at TP room
- Complete installation of Platform and Concourse kiosks
- Complete Station Agent Booth
- Complete traction power gear testing and SCADA testing
- Complete SAB panel signoff
- Complete installing track lights at SAB
- Complete CCTV testing for elevators
- Deluge spray pattern demonstration with SFFD for final approval
- Heat recovery coils and air balance
- Complete metal cladding installation at Escalator 1, 2 and 3
- Complete daiken test of reworked systems
- FM200 room pressure tests



Surface view of YBM station

Station Excavation and Construction Progress Section

North

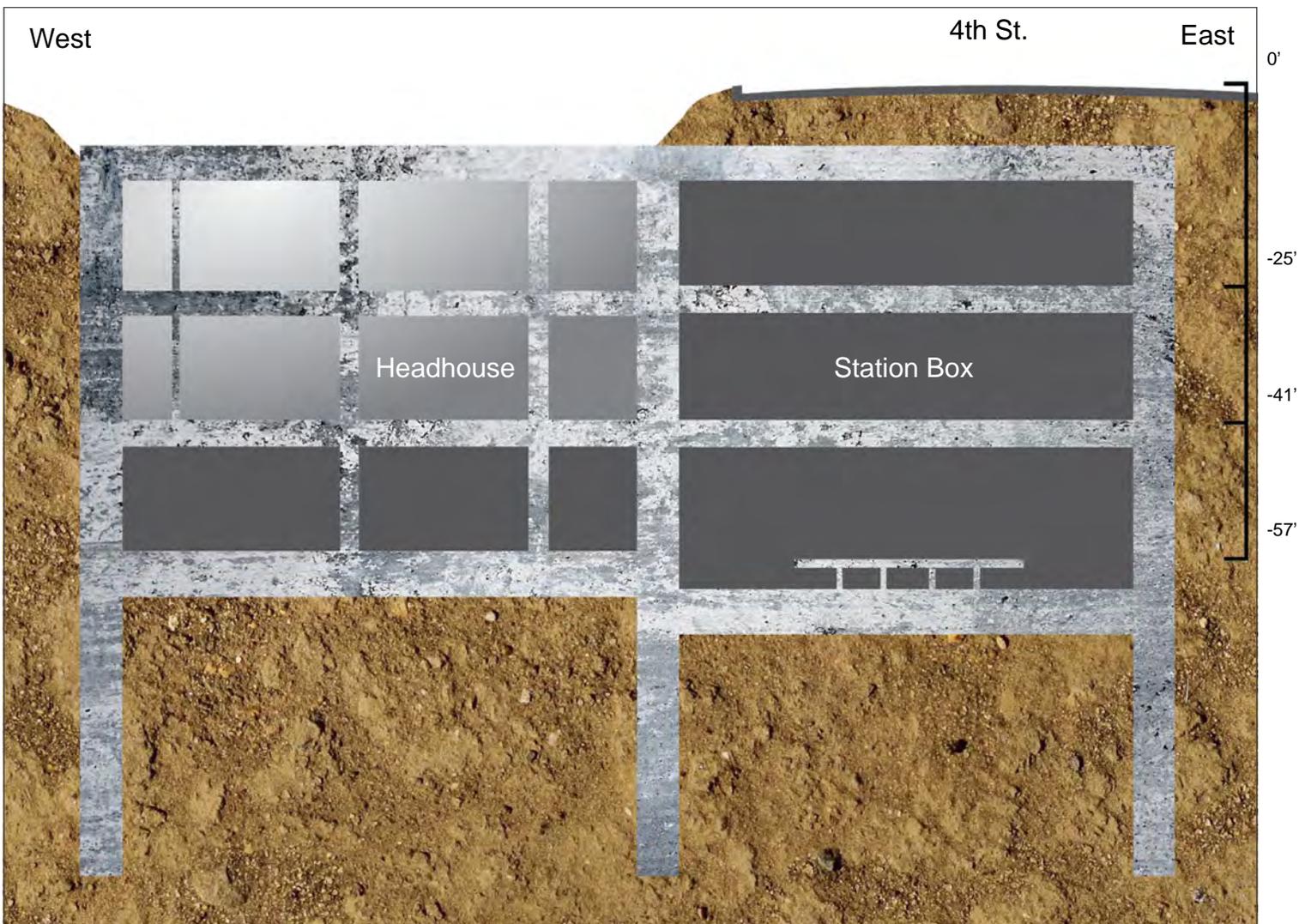
South



West

4th St.

East

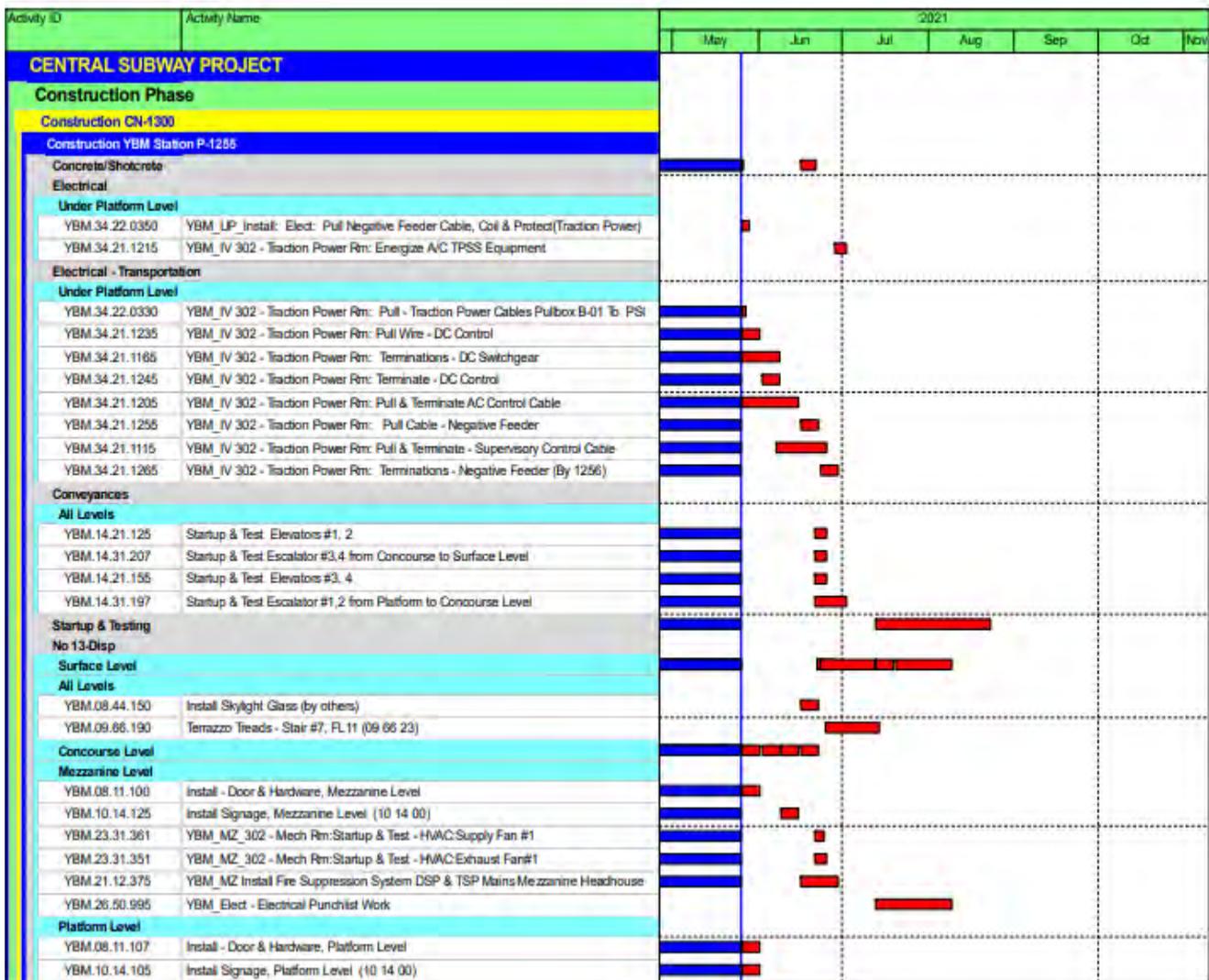


Yerba Buena Moscone Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	Spring 2021
Contract Award Value:	\$158,089,000
Modifications to Date (\$):	\$4,889,959
Modifications to Date (Days):	1,052
Current Contract Value:	\$162,978,959

Budget/Expenditures ▲	
Current Budget	\$173,089,000
Other Project Offset Credits	\$415,331
Expenditures to Date	\$160,355,431

YBM Three Month Schedule



Systems, Trackwork, & Surface Station

Contract 1300 - Work Package 1256

Description of Work

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

Current Status

- Continued 4th/Brannan platform construction
- Continued traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical power
- Continued traction power cable installation, terminations, and installation of cross bonds throughout the tunnel.
- Continued OCS support, riser, and wire installation throughout the tunnel
- Continued telephone enclosure and blue light installation in tunnels
- Continued fiber system installation and terminations in comm rooms (SFDT)
- Continued ATCS and radio system testing

Work Expected Next Month

- Continue 4th/Brannan platform construction
- Continue surface signaling work on 4th St.
- Continue traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical
- Continue traction power cable testing, installation and terminations
- Continue telephone enclosure and blue light installation in tunnels
- Continue OCS support, riser, and wire installation
- Continue fiber system installation and terminations in comm rooms (SFDT)
- Continue ATCS and radio system testing



- Continue 4th/King OCS installation

Three Month Look Ahead

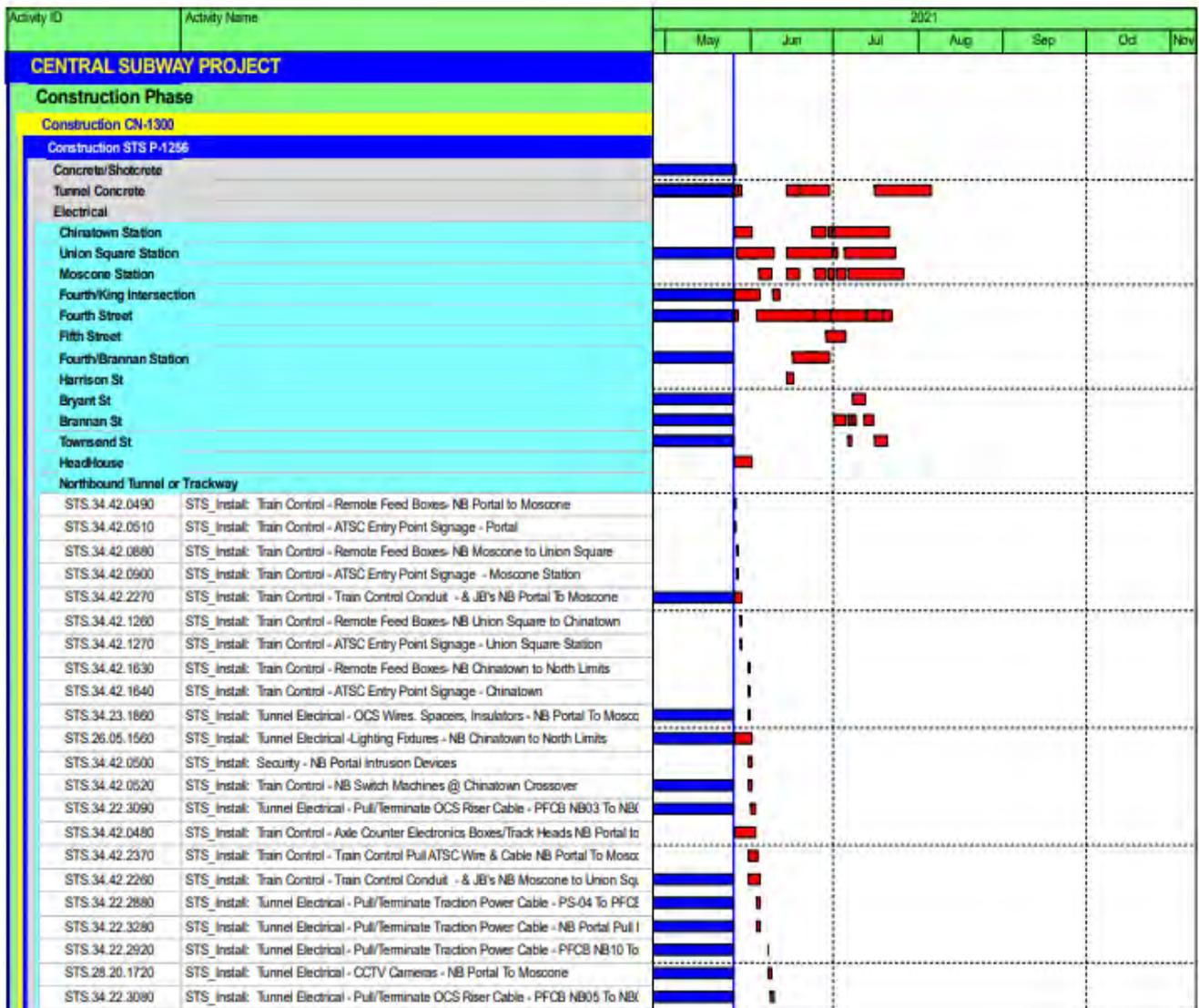
- Complete OCS/street light pole installation
- Continue OCS support/wire installation in tunnel and on 4th Street
- Continue 4th/Brannan platform construction
- Continue surface signaling, traffic signal and street lighting work on 4th St.
- Continue electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting and tunnel electrical power
- Continue OCS support, riser, and wire installation
- Continue pulling traction power feeder cables on surface
- Continue train case fabrication and testing for 4th/King and Bluxome Crossover
- Complete surface signaling to existing system at 4th/King
- Continue fiber system installation and terminations in comm rooms (SFDT)
- Continue ATCS and radio system testing

Systems, Trackwork, & Surface Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	Spring 2021
Contract Award Value:	\$139,989,000
Modifications to Date (\$):	\$121,805,969
Modifications to Date (Days):	1,052
Current Contract Value:	\$261,794,969

Budget/Expenditures	
Current Budget	\$242,642,502
Other Project Offset Credits	\$2,632,766
Expenditures to Date	\$258,099,514

Systems, Track and Surface Station Three Month Schedule



Program Components

Community Outreach

Outreach public information, events and presentations for May 2021 include:

- Conducted Chinatown Merchants Meeting (virtual)
- Ongoing outreach to merchants and residents by email and social media
- Produced quarterly construction update video and other multimedia content
- Responded to constituent complaints and questions
- Preparation and dissemination of construction notices

Outreach in Support of Mitigation and Monitoring

- Team members participated in weekly teleconference meeting to address neighborhood concerns
- Weekly photo documentation of project work and editing
- Weekly construction update emails sent to list of approximately 700 residents and stakeholders

No media coverage in May

Quality Assurance

Project Quality Assurance provides oversight of the implementation of the SFMTA Quality Assurance Program as it is applied to the Central Subway Project. Project Quality Assurance (QA) performs surveillances, audits and provides proactive feedback to the Project team. The team consists of designers, construction management staff, resident engineers, QA inspectors, the prime construction contractor, its quality control, subcontractors and suppliers.

Stations and Systems Contract CN1300 Quality Assurance Monitoring Activities

Project Quality Assurance performs the following activities to ensure that the quality program complies with project quality requirements:

- QA observation of all work in progress for all work packages
- QA observations of QC inspection, testing and documentation by Smith Emery for all work packages
- QA observation of station construction at CTS, UMS, and YBM
- QA observation of STS invert and plinth concrete placement and track installation
- QA observation of STS rail preparation and installation
- QA review of TPC's Quality Control (QC) Daily Inspection Reports posted to project records CM13 which includes TPC's Specialty Subcontractor's QC checklists, associated documentation and Smith Emery inspection and testing reports provided by 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
- QA participation in definable feature of work preparatory and initial phase meetings as scheduled by the contractor's QC manager
- QA participation in Weekly Work Package Progress Meetings for STS, YBM, UMS and CTS
- QA participation in Monthly Project Risk Mitigation, Safety and Security, and weekly Construction Management Board (CMB) meetings as scheduling constraints allow

Document comment and review:

- QA staff reviews quality related submittals, other submittals and Requests for Information (RFIs) as needed and requested to support the RE's and CM administration of the Quality Assurance Program
- QA staff performs random checks of the Contractor's independent field inspection and testing laboratory reports and results as provided by the Contractor's testing laboratory

Contractor Non Conformance Reports (CNCR) Status as indicated in the TPC QC CNCR Log:

During this period, seven CNCRs were opened and one CNCR was closed.

- 593 CNCRS are currently posted to the CNCR Log
- 48 CNCRs are currently posted to the CNCR Log as OPEN

Quality Assurance - Continued

Notice of Non-compliance (NCN):

In the event, for whatever reason, that the Contractor neglects or refuses to generate a Contractor Non-Conformance Report, the Engineer may issue a Non-Compliance Notice to the Contractor for any detected non-compliance in the Work or portion thereof that has not been performed in accordance with the Contract Documents.

- Project QA has issued 35 NCNs

Audits:

- Previously, Project QA performed an audit of the Contractor's compliance with specified requirements for Project Coordination and Management Staff. The audit resulted in five findings and five Corrective Action Requests. These findings remain open
- During this period, Project QA initiated an audit of the Contractor's compliance with document control and quality records requirements for the period

QA Issues:

- The Contractor is required to provide a Quality Control (QC) Daily Inspection Report. No reports were provided during this period.
- The Contractor is required to submit a revised Quality Control Program anytime there are changes to the program. In June, the Contractor was asked to submit a revised plan. The Contractor has not submitted a revision.
- The Contractor does not currently have the required number of QC staff. Four (4) full-time Assistant Contractor Quality Managers are required by Contract. Currently there are three vacancies
- The Contractor does not have a QC manager on the site at all times during construction as required by contract
- The Contractor continues to perform work in some instances prior to receipt of approved required submittals (including product information, coordination and shop drawings) and RFIs with or without knowledge of the Contractor's QC or responsible production supervision. This presents potential risk.

QA Concerns:

- The Contractor continues to furnish and install nonconforming OCS support brackets and hangers which do not meet certification and inspection requirements.
- The contractor continues to furnish and install OCS poles without meeting prerequisite certification requirements. Project QA issued STS NCN 003. The Contractor has not responded to the NCN
- The Contractor continues to VOID CNCRs without demonstrating that the work meets Contract requirements
- The Contractor is not identifying all nonconforming work as required by contract
- The Contractor continues to perform CNCR repairs prior to receiving approval of the proposed repair procedures
- The untimely identification and mitigation (SFMTA approval) of "last minute items" remains an ongoing challenge to all involved and often generates nonconforming work. Project quali-

Quality Assurance - Continued

ty has not suffered to date; however the aforementioned concern remains

- Project schedule compression demands disrupting RE, design staff priorities, and work flows as mentioned above; quality has not suffered but the concern remains

Program QA Practices Implemented:

- Close-out of Corrective Action Requests: Close outs continued as required from Quality Assurance staff's audits, surveillances and PMOC quarterly reviews. The status is tracked in the Corrective Action Log that is available to the project team and the FTA PMOC
- Project QA continues to hold weekly meetings with the Resident Engineers, Assistant Resident Engineers, and QA inspectors of all stations to review project quality assurance procedures and requirements and to discuss contractor quality control requirements

Risk Management

A Risk Mitigation Management Meeting did not take place in May, however, the members will reconvene in June 2021 to review the top risk items in accordance with the risk summary sheet, which have been given a rating by the Committee of six and above. The Committee continues to discuss impacts of COVID to construction efficiency and impact to the schedule.

COVID related impacts to the project are continually being monitored and updated by the risk owner under risk #265. Currently, thirty-six (36) construction risks, two (2) revenue service risk and one (1) remaining requirement risk, are being tracked on the Project's Risk Register; in addition to, establishing strategies for mitigation and evaluating potential unforeseen issues or conditions.

The Committee continues to follow risks and statuses updated with the use of the risk mitigation status sheets, providing monthly updates by the Risk owner to demonstrate the assigned mitigation strategy is being implemented. The program has submitted to FTA and other funding partners with a revised Full Funding Grant Agreement (FFGA) which has adjusted the Revenue Service Date (RSD) and the Estimate at Completion (EAC).

Top Risks

Risk #	Risk Description	Risk Rating
265	COVID-19 directly impacts progress of the work resulting in <u>increase</u> costs and schedule delays.	14
255	Water leaks at YBM station, including water in conduits	10
266	Outstanding submittals and resubmissions related to safety and security certification requirement not being addressed.	9
251	Physical activities missing (not defined) in the schedule / identify activities of undefined scope	8
205	Prolong period of CMod's creates additional cost/causes bad blood between Resident Engineer and Contractor	8
253	Do not have adequate (subcontractor) resources defined to perform the work to meet schedule performance	6
238	Quality Program is ineffective in processing the nonconformance items causing schedule impacts	6
229	CN1300 System Acceptance Testing takes a prolonged amount of time	6
230	SFMTA Commissioning Coordination (inaccurate time for coordination or participation from Muni Ops)	6
261	Internal Staffing Resource Issue	6

Program Safety & Security

On March 17, 2020, the Mayor and the City's Health Office issued a Public Health Order to "Shelter-In-Place" in response to the COVID-19 pandemic. With conditions in the Bay Area improving, the City has adjusted various restrictions which limit indoor and outdoor activities and placed the City and County in the "Yellow Tier" which is less restrictive. The City's Health Office anticipates further adjustment to these restrictions as conditions for COVID-19 improves in the Bay Area and the State of California. The State of California anticipates additional reduction to the conditions after June 15th when the state plan to eliminate the tier system. The Contractors have implemented a revised site Safety and security plans to incorporate various requirements of the order. Construction of the Central Subway project continues to progress, and Construction Management team continues to monitor progress and to monitor the Contractor and Subcontractors compliance with the site safety plan.

The Contractor reported no cases in May. The current cumulative number of staff that have undergone quarantine for the project remains at twenty-nine. All quarantined personnel have followed the appropriate procedures to return to work. The Contractor is following the required protocol to maintain the safety of the work force. Safety and CM team continues to monitor these cases to ensure compliance with the Safety and Security protocols. CM team has added additional resources to monitor these cases along with others that are already identified with the project. The schedule team continues to monitor impacts to the production rate with these reported cases.

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 daily job briefings. Weekly safety meetings are held on a weekly basis so all staff has an opportunity to attend. In response to shelter-in place, we have transitioned the weekly in person safety meetings to interfacing online via the Microsoft teams app platform.

Safety Summary for the 1300 Stations Systems Track Construction Package

In the month of May, there was no recordable injury.

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 CTS, we continue to do installations related to electrical and communication.
2. At UMS, we continue to work on installation of blue light and adjusting conduits.
3. At the YBM station, we continue to terminate wire for blue light emergency phones.
4. At the STS station, we continue traction power, fiber and other electrical conduit installation inside the tunnel.

Program Safety & Security - continued

Project Safety Record - Contract 1300

Through Month End April 2021

SAFETY GOALS

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

JOB TO DATE	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	39	8	47	1.09
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	10	1	11	0.25
Total Project Incidents	49	9	58	1.34
Man Hours Worked Through M/E APRIL 2021	4,173,958	4,480,983	8,654,940	

YEAR TO DATE (Month ,Day, Year to Month, Day, Year)

	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	1	0	1	1.30
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 APRIL 2021	39,297	113,979	153,276	

* 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

The program has added staff to Construction Management and Safety team to monitor the new requirements related to COVID. Additionally, the Program continues to identify other staff for the construction management team. These staff are needed to provide support for the current construction activities and Start-Up and Testing activities. These additional staff will supplement the existing staff to properly support ongoing effort to complete the project.



Workers getting ready to work on the overhead cables

Staffing

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

	Mar-2021		Apr-2021		Mar-2021	
	Planned	Actual	Planned	Actual	Planned	Actual
Project Management						
Program Management	6.60	4.75	6.60	4.75	6.60	4.75
Quality Assurance	1.80	1.00	1.80	1.00	1.80	1.00
Contract Administration	1.40	7.00	1.40	7.00	1.40	7.00
Community Outreach	5.50	2.00	5.50	2.00	5.50	2.00
Finance	2.00	0.00	2.00	0.00	2.00	0.00
Project Controls	4.80	4.65	4.80	4.65	4.80	4.65
Subtotal	22.10	19.40	22.10	19.40	22.10	19.40
Construction Management						
CM - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
CM - CN 1300	21.55	40.10	21.55	40.10	21.55	39.10
Design Support - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
Design Support - CN 1300	9.00	15.75	9.00	15.75	9.00	15.00
Subtotal	30.55	55.85	30.55	55.85	30.55	54.10
Start Up						
Start Up / Safety & Security	5.95	4.00	5.95	4.00	5.95	4.00
Subtotal	5.95	4.00	5.95	4.00	5.95	4.00
Total	58.60	79.25	58.60	79.25	58.60	77.50

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

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 from 2017 - 2018 to supplement the fleet when the SFMTA's Third Street Phase 2 - Central Subway Project extension opens.

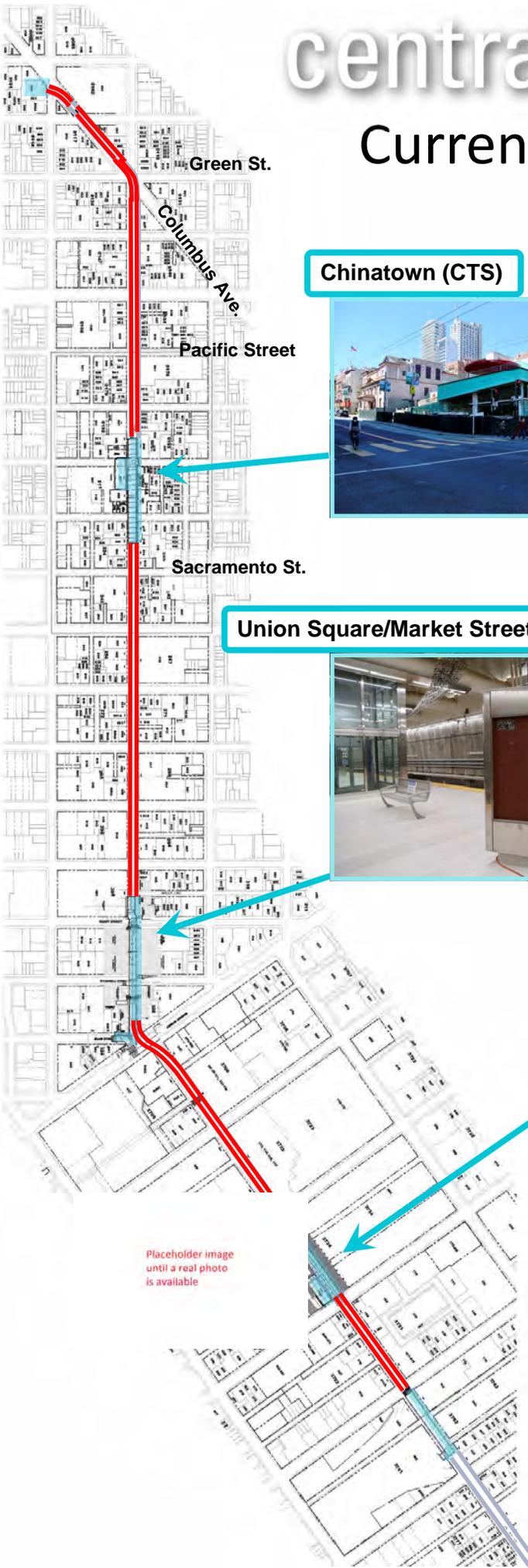
The delivery of 24 vehicles related to Central Subway has been completed.



Art at the plaza at CTS

central **T** subway

Current Construction Activity



Chinatown (CTS)



Union Square/Market Street (UMS)



Yerba Buena/Moscone (YBM)



4th St. Surface Track, Systems (STS)

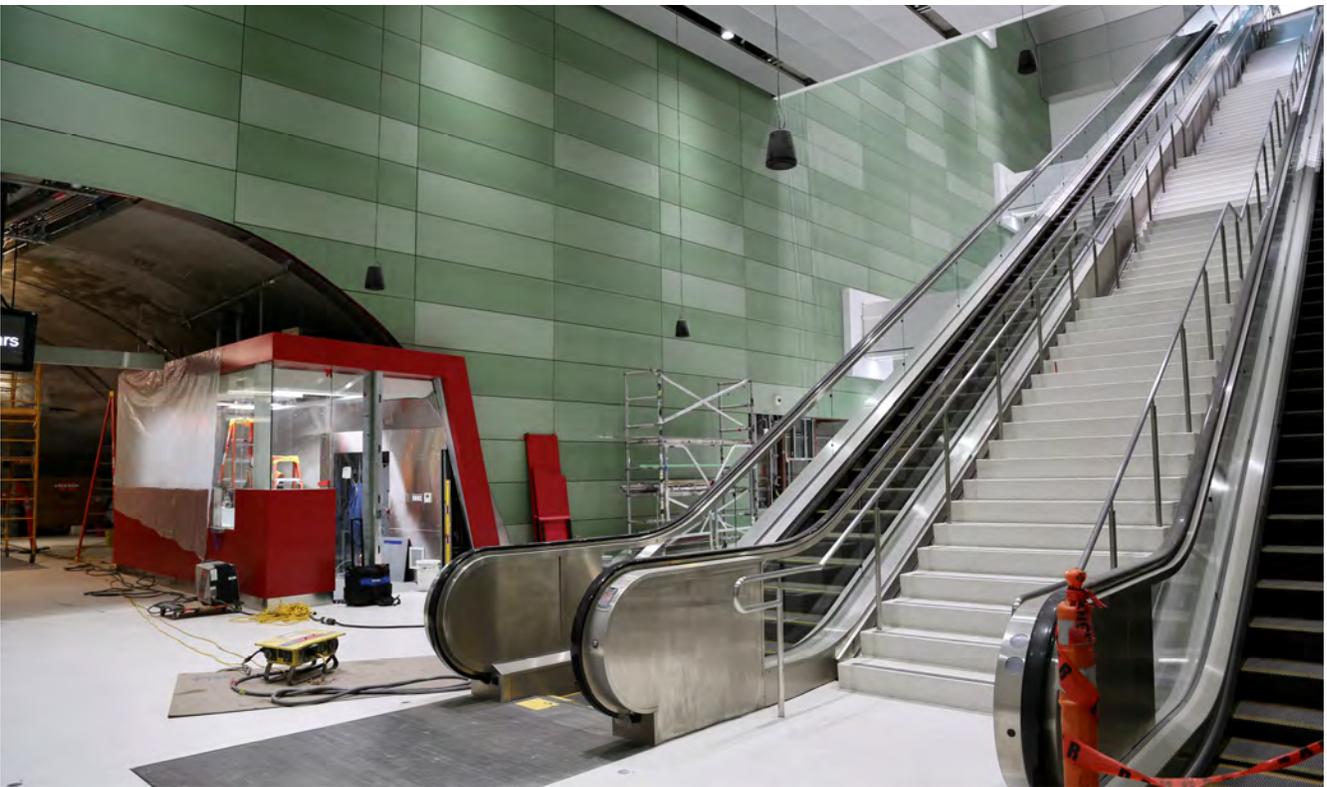


Placeholder image until a real photo is available





Illuminated plaza at CTS

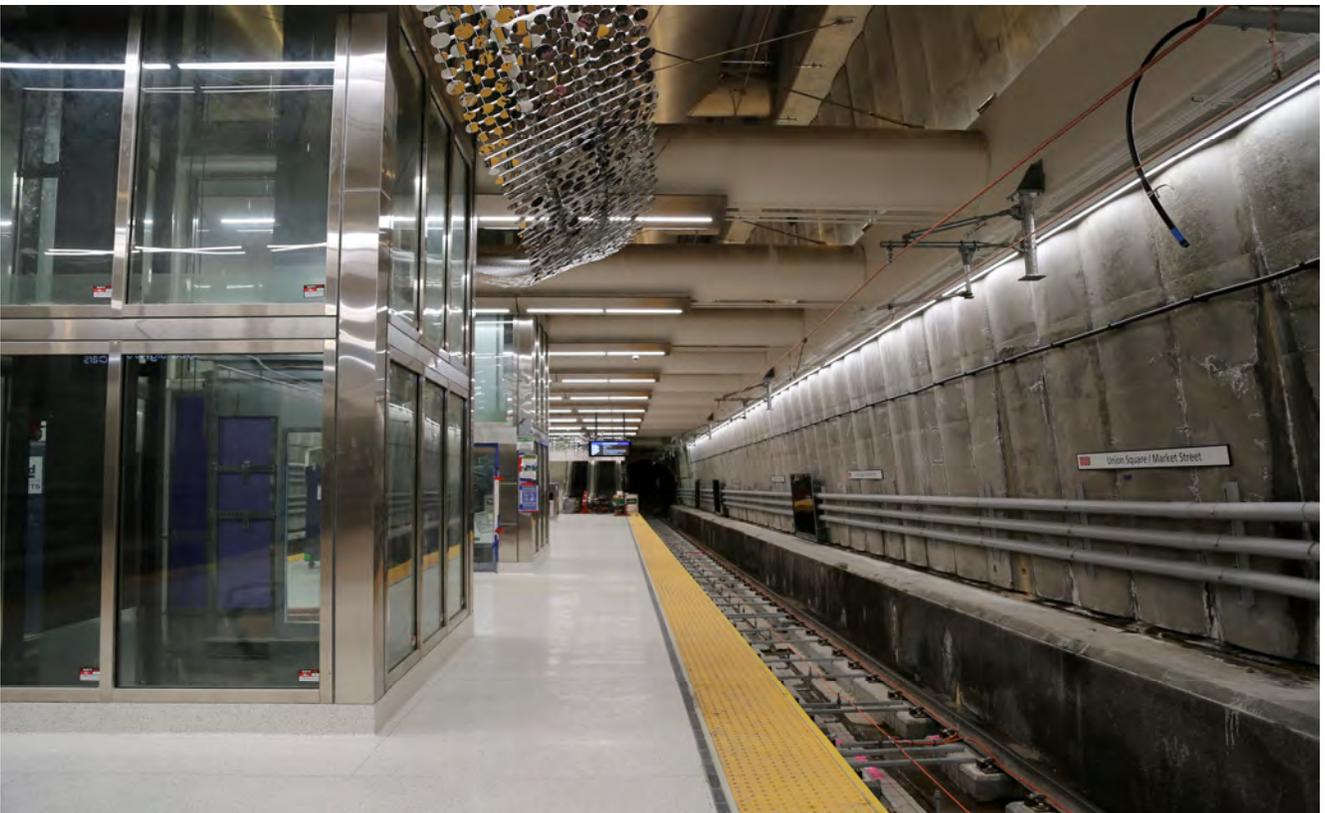


Concourse lobby landing

UMS



View of the concourse at UMS



View of the platform at UMS



Ticketing booth at YBM



View of the elevators on platform level at YBM



View out of the portal down 4th street



Security camera in the portal

Appendix A

DETAIL COST REPORTS

*May 2021 Notice: The City continues to experience problems that were caused by error and inaccuracy from the transition from FAMIS to Financial System Project (FSP). An updated methodology has been implemented within the financial reporting that will provide more accurate figures for transactions occurring in fiscal year 2021.

1. PROJECT COST

The revised Cost Estimate (CCE) for the Central Subway Project is \$1.829 billion in year of expenditure dollars (\$YOE). The project continues to work with our funding partners to address the current funding issues. Currently, the project estimates the Estimate at Completion (EAC) to be \$1.891B or \$313M above the original budget of \$1.578B. These revised estimates have been shared with our board and funding partners. Based on the additional funding requirement, the project has received additional \$299M from capital contingency funds. The project will continue to work with Finance and Grants to secure the remaining funds which will come from redirecting flexible funds from other funded capital projects. EAC has been incorporated with claim settlements, contract modifications and delayed cost due to the current pandemic. With the revised EAC, the team continues to update the various cost sheets to reflect the revised budget and EAC along with any impacted appendix. The team continues to work with SFMTA Finance and Grants to book the remaining funds as they are identified and become available to the program.

Total net incurred costs for the project are \$1,834.39 million, a \$5.60 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$1,834.07 million) plus the utilities joint trench Form B Reimbursement payment (\$12.51 million), invoices currently being processed (\$9.43 million) and estimates of outstanding pay requests credits of (\$21.59 million). The revised total project budget is \$1.877 billion due to additional local funds received.

The current funding level to date has already been fully met which includes excess local funds consisting of Operating funds of \$71,600,000 appropriated in April 2021. The original total project budget of \$1.578 billion has already completed its original funding of the program in July 2020. The project team will continue to work with our financial partners to ensure that impacts to the project are minimized and the additional funds are secured.

CONTRACT	PP NO	PP PERIOD		PROG PYMT
		TO	AMOUNT	
CS155.1*	70	6/30/2016	\$	24,327.00
CS155.1*	71	9/30/2016	\$	65,000.00
CS155.1*	72	12/30/2016	\$	50,000.00
CS155.1*	73	3/31/2017	\$	35,282.00
CS155.2	131	1/31/2021	\$	264,124.21
CS155.2	132	2/28/2021	\$	305,104.37
CS155.2	133	3/31/2021	\$	334,367.82
CS155.2*	134	4/30/2021	\$	350,000.00
CS155.2*	135	5/31/2021	\$	350,000.00
CS155.3	131	2/28/2021	\$	144,244.54

CONTRACT	PP NO	PP PERIOD		PROG PYMT
		TO	AMOUNT	
CS155.3	132	3/31/2021	\$	198,397.78
CS155.3*	134	5/31/2021	\$	147,159.33
CN1300	91	4/30/2021	\$	3,591,578.25
CN1300	92	5/31/2021	\$	3,147,195.57
CS149	145	12/31/2020	\$	1,290,671.54
CS149*	146	1/31/2021	\$	1,182,230.84
CS149*	147	2/28/2021	\$	1,125,949.92
CS149*	148	3/31/2021	\$	1,429,470.98
CS149*	150	5/31/2021	\$	1,150,000.00
other accruals*		5/31/2021	\$	(28,535,272.38)

* Estimated Amount

\$ (12,155,261.91)

2. CONTINGENCY ALLOCATIONS AND USAGE

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, CN1300 Station did not process any contract modifications. Refer to Report 7.5 for approved contract modifications and potential changes.

3. BUDGET TRANSFERS

No budget transfers in this reporting period.

4. FORM B

The Utilities Joint Trench Form B Details is listed in the Table A2 below. Total utilities joint trench Form B Reimbursement payment to three construction contracts is \$12.51 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)	3,975,656	1.3.083.02.040.02 - TUNN:Sitework:Utilities & Relocate
1.3.491.04.040.02 - FORM B - CTS: CN1300 UTILITY REIMBURSEMENT	(451,703)	443,046	1.3.085.04.040.02 - CTS.1254: SITE UTILITIES, UTILITY RELOCA
1.3.491.09.040.02 - FORM B - STS: CN1300 UTILITY REIMBURSEMENT	(1,000,000)	1,053,691	
1.3.491.03.040.02 - FORM B - UMS: CN1300 UTILITY REIMBURSEMENT	(528,370)	467,600	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)	495,879	1.3.086.05.040.02 - YBM.1255: SITE UTILITIES, UTILITY RELOCA
TOTAL	(12,227,954)	12,507,414	

5. EARNED VALUE (EV) ANALYSIS

In May 2021 Report, the Preliminary Earned Value Analysis reports is based on the SFMTA May Schedule Update. The Planned Value, Earned Value, Actual Cost, Percent Complete and resulting indexes as follows:

Preliminary May Earned Value

Overall Budgeted Cost:	\$1,877,153,762
Planned Value:	\$1,593,491,019
Earned Value:	\$1,495,130,978
Actual Cost:	\$1,834,387,781
Schedule Performance Index (SPI):	0.94
Cost Performance Index (CPI):	0.82
Percent Complete:	93.8%

Activity ID	Activity Name	Start	Finish	Performance % Complete	Budgeted Total Cost	Planned Value Cost (PV)	Earned Value Cost (EV)	Actual Total Cost (AC)	CPI	SPI
CENTRAL SUBWAY PROJECT										
		03-Jun-03 A	26-Apr-24	93.83%	\$1,877,153,762.15	\$1,583,491,018.89	\$1,495,130,978.05	\$1,834,387,781.00	0.82	0.94
	Preliminary Engineering Phase	03-Jun-03 A	07-Jan-10 A	100%	\$46,542,061.34	\$46,542,061.02	\$46,542,061.02	\$46,542,060.53	1.00	1.00
	Final Design	08-Jan-10 A	17-Jun-13 A	100%	\$115,075,987.10	\$115,075,987.06	\$115,075,987.06	\$114,034,067.22	1.01	1.00
	Light Rail Vehicles	15-Apr-13 A	18-Nov-21	8.25%	\$12,000,000.00	\$26,385,653.00	\$2,177,131.58	\$11,929,246.72	0.18	0.08
	Real Estate	01-Aug-08 A	15-May-15 A	100%	\$32,140,417.71	\$37,405,895.00	\$37,405,895.00	\$30,612,838.53	1.22	1.00
	Construction Phase	03-Jan-10 A	04-Dec-23	95.24%	\$1,670,593,427.00	\$1,358,561,966.32	\$1,293,929,903.39	\$1,631,269,568.00	0.79	0.95
	Construction Support and Costs	03-Jan-10 A	04-Dec-23	99.71%	\$259,589,090.00	\$199,862,849.06	\$199,289,569.82	\$242,368,628.19	0.82	1.00
	Construction Utility Contract #1 - MOS & Portal CN-1250	04-Jan-10 A	23-May-11 A	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 - UMS CN-1251	12-Jan-11 A	15-Oct-12 A	100%	\$20,669,081.47	\$20,794,582.00	\$20,794,582.00	\$20,669,081.47	1.01	1.00
	Construction Tunnels CN-1252	08-Jun-11 A	26-May-21	93.05%	\$233,511,253.03	\$251,069,047.23	\$233,608,974.28	\$233,511,253.34	1.00	0.93
	Construction STS P-1256 ATCS	20-May-14 A	05-Oct-21	53.87%	\$18,036,709.00	\$18,036,709.00	\$9,715,504.32	\$5,336,165.00	1.82	0.54
	Construction STS P-XXXX Radio	27-Aug-19 A	14-Sep-21	0.6%	\$4,809,852.50	\$4,841,950.49	\$38,735.60	\$32,098.00	1.21	0.01
	Construction CN-1300	03-Jun-13 A	21-Dec-21	96.07%	\$1,122,009,291.00	\$851,988,678.54	\$818,514,387.36	\$1,117,384,192.00	0.73	0.96
	Unallocated Contingency	26-May-21	20-May-22	0%	\$801,869.00	\$9,519,456.49	\$0.00	\$0.00	0.00	0.00
	Project Management	23-May-22	26-Apr-24	0%	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00

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 funding sources.

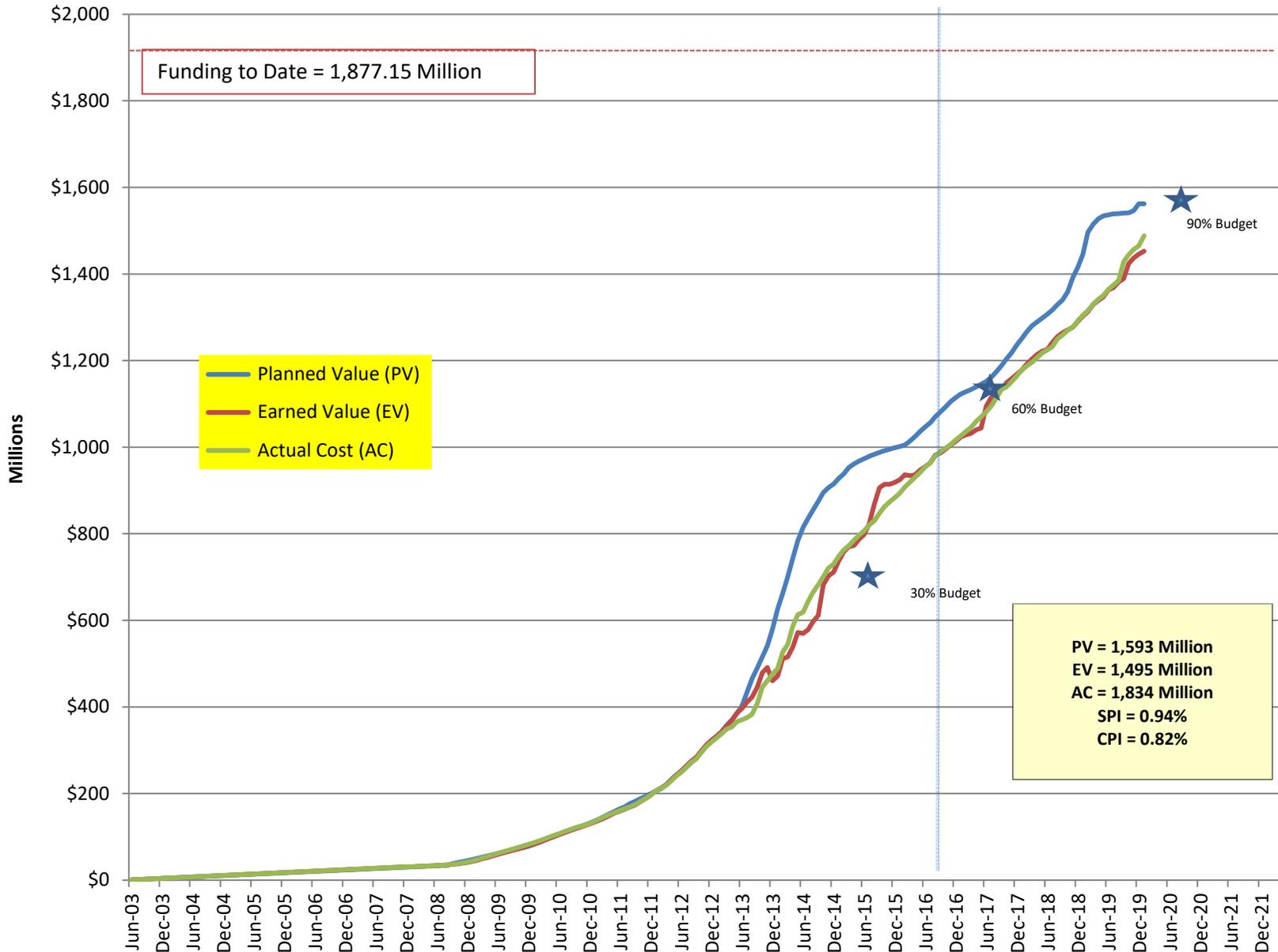
Funding Available Table		
	Funding	
	Committed Funding Sources	Total Awarded Funds to Date
Federal		
Sect. 5309-NS	\$942,200	\$942,200
Sect. 5307-OBAG	\$15,980	\$15,980
CMAQ	\$41,025	\$41,025
Federal Subtotal	\$999,205	\$999,205
State		
TCRP	\$14,000	\$14,000
State RIP	\$12,498	\$12,498
Prop. 1B (I-Bond)	\$308,601	\$312,236
PTIMSE		
Prop. 1A (HSR-Bond)	\$61,308	\$61,308
State Subtotal	\$396,407	\$400,042
Local		
LCTOP	\$4,000	\$4,000
Operating	\$4,970	\$311,424
MTA	\$0	\$475
Prop. B Pop Baseline	\$26,985	\$20,125
Prop. K	\$143,542	\$138,692
TSF Transit	\$3,191	\$3,191
Local Subtotal	\$182,688	\$477,907
CPT 544 Total	\$1,578,300	\$1,877,154

7. LIST OF COST REPORTS

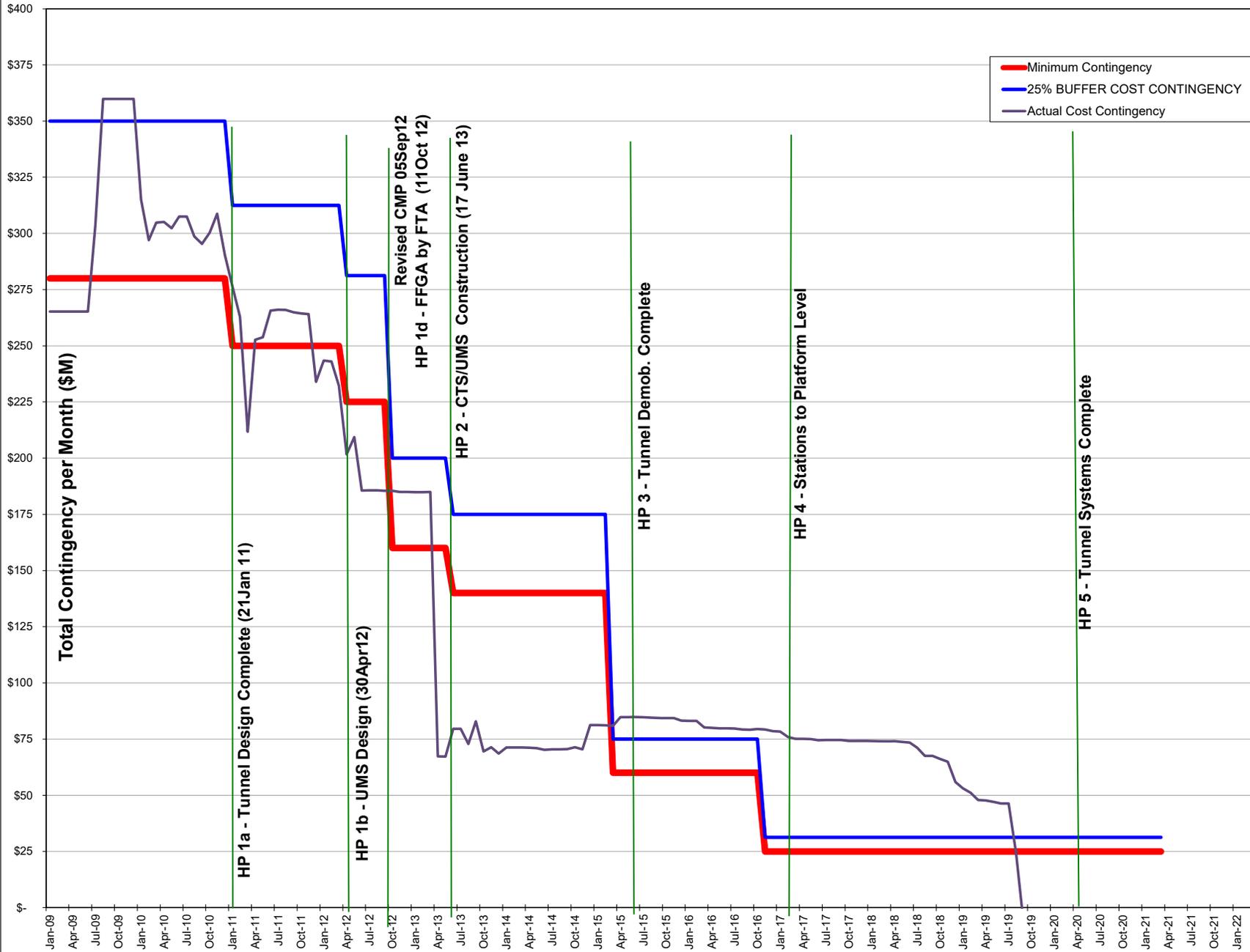
- 7.1 Program Project Budget
- 7.2 Earned Value Cash Flow
- 7.3 Contingency Drawdown Curve
- 7.4 Summary Contingency Management Trend Report
- 7.5 Detail Contingency Usage Report
- 7.6 Budget Revisions: Report sorted by Construction Packages & Soft Costs
- 7.7 Project Budget & Expenditure Report: Sorted 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	\$1,601,008,106	J. Funghi	62% Fed, 30% State, 8% Local	yes	1
Total:		\$1,601,008,106				
B. Related SFMTA Capital Improvement Projects						
Project	Name	Amount	PM	Funding Source	Reporting	
2	CPT690 TBM Retrieval Shaft Relocation	\$9,700,000	Funghi/Magary	MTA Operating Funds	no	2
3	CPT718 Chinatown Metro Plaza	\$6,980,000	J. Funghi	Transbay Redevelopment	no	3
4	CPT665 Central Subway Project - Goodwill	\$2,367,750	K. Magary	I-Bond Interest	no	4
5	CPT705 MOH - Broadway/Sansome	\$8,000,000	K. Magary	MTA Operating Funds	no	5
Total:		\$27,047,750				
C. Central Subway Project - Project Offset Credits						
	From	Amount	Index	Notes	Reporting	
1	2009-2016 Utility Co. - Form B Reimbursement	\$12,227,954	--	Construction contracts	yes	6
2	2017-2019 PG&E - Power Feed Reimbursement	\$7,624,540	--	Not yet bill PG&E	yes	7
3	6/26/2013 BART Elevator	\$90,000	68CPT544135B	Not yet rec'd BART Funds	yes	8
4	11/6/2013 Tutor Perini - CAD Files	\$2,500	68CPT5441236	Deposit to Design Index	yes	9
5	1/27/2014 SFPUC - Sewer Main	\$2,925,296	68W251	Certified in Contract 1300	yes	10
6	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	\$328,860	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 Support for North Beach Restoration, OCS and	\$112,102	68W409	Contract 1252 CMod #48	yes	14
10	3/15/2016 Streetlighting	\$155,468	68T7373342D2/D3	Contract 1252 CMod #51	yes	15
11	6/27/2016 DPW - MOU for Water Line above YBM Station SFWD - 8' water line at the intersection of Fourth and	\$438,218	68W592	Contract 1300 CMod #20 Contract 1252 CMod #49 partial	yes	16
12	12/9/2016 Jessie Street	\$21,020	68W456	(\$2,102) and #60 Contract 1300 CMOD #123	yes	17
13	1/15/2020 CS-Chinatown Metro Plaza - CN1300	\$9,360,183	68CPT7181341	partial	yes	17a
Total:		\$34,055,792				

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 (Include CN 1250 & CN1251)	CONTINGENCY ADJUSTMENT TRANSFERS	REVISED AUTHORIZED CONTINGENCY (Include 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	9,273,939	2,694,211	11,968,150		11,968,150	1,953,377	740,834	2,694,211		11,968,150		18	
	Contract 1250 Department of Technology	166,756		166,756		166,756					166,756			
1251	UTILITY RELOCATION PACKAGE #2	16,832,550	3,836,531	20,669,081		20,669,081	5,367,297	(1,530,766)	3,836,531		20,669,081		19	
	Contract 1251 Department of Technology	75,615		75,615		75,615					75,615			
1252	GUIDEWAY TUNNEL	233,584,015	(72,762)	233,511,253	-	233,511,253	23,658,464	(23,731,226)	(72,763)		233,511,253	(1)	20	
1300	STATIONS	839,676,400	303,622,187	1,143,298,587	1,933,916	1,145,232,504	20,000,000	280,369,599	290,869,599	(12,752,588)	(14,686,505)	1,130,545,999	(14,686,505)	21
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	20,744,337	314,774,927	645,685	315,420,612	5,000,000	15,000,000	20,000,000	(744,337)	(1,390,022)	314,030,590	(1,390,022)	
	1254 CHINA TOWN STATION [CTS]	247,567,810	156,181,923	403,749,733	597,279	404,347,011	5,000,000	139,679,388	144,679,388	(11,502,535)	(12,099,813)	392,247,198	(12,099,813)	22
	1255 YERBA BUENA/ MOSCONE STATION [YBM]	158,089,000	4,889,959	162,978,959	332,292	163,311,251	5,000,000	10,000,000	15,000,000	10,110,041	9,777,749	173,089,000	9,777,749	
	1256 SURFACE TRACKWORK & SYSTEMS [STS]	139,989,000	121,805,969	261,794,969	358,661	262,153,630	5,000,000	115,690,211	111,190,211	(10,615,758)	(10,974,419)	251,179,211	(10,974,419)	
OTHER		39,923,508	23,775,304	63,698,812		63,698,812	2,056,645	10,560,000	26,958,595	(6,316,709)	(6,316,709)	66,882,103	(6,316,709)	23
	SCC 10 - 50 Construction Sub-total	1,139,532,783	333,855,472	1,473,388,254	1,933,916	1,475,322,171	53,035,782	266,408,441	324,286,173	(19,069,297)	(21,003,214)	1,463,818,956	(21,003,214)	24
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	(1,000,000)	0	0	0	32,246,321	0	25
70	VEHICLES	24,108,712	(7,308,712)	16,800,000		16,800,000	2,276,941	(7,076,941)	(4,800,000)	(4,800,000)	(4,800,000)	12,000,000	(4,800,000)	26
80	PROFESSIONAL SERVICES	310,518,041	56,410,151	366,928,192		366,928,192	18,221,079	(16,862,657)	1,358,422	1,358,422	1,358,422	368,286,614	1,358,422	26a
	SCC 60 - 80 Construction Sub-total	371,138,552	44,835,961	415,974,513	0	415,974,513	21,498,020	(24,939,598)	(3,441,578)	(3,441,578)	(3,441,578)	412,532,935	(3,441,578)	
SCC 90	UNALLOCATED CONTINGENCY						3,845,945	(261,295,781)	(257,449,836)	801,869	801,869	801,869	801,869	27
TOTAL		1,510,671,335	378,691,433	1,889,362,768	1,933,916	1,891,296,684	78,379,747	(19,826,938)	63,394,759	(17,969,002)	(17,969,002)	1,877,153,760	(14,142,924)	
												Total Project Budget	1,877,153,760	28
												Estimate At Completion	1,891,296,684	29
												Variance	14,142,924	30

Note #17 - Adjusted Contract 1252 Guideway Tunnel contingency "column g" to reflect construction contract modifications #20, #40, #41, #48, #51 and #60 were funded by other funding sources.

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	839,676,400					\$1,143,298,587
Substantial Completion	Spring 2021					Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES	
Potential Changes	645,685	597,279	332,292	358,661	31	
Change Order - Pending						
CTS COR 1568 Elevators 1 & 2 Routin		23,255				
CTS COR 2050 Grating at PlatformLvl		957				
CTS COR 2251 2" PVC Casings Con		0				
CTS COR 2253 Cement Type to Match P		45				
CTS COR 2430 Vent Riser vs GFRC		8,782				
CTS COR 2504 Terrazzo Machine Room		1,730				
CTS COR 529 Rock Mass at Elev 37'		77,000				
CTS PCC 760 Elev 1&2 and MEP confli		14,926				
CTS PCC 863 Stair Nosing		1,513				
CTS PCC 956 Add drainage system		1,474				
CTS PCC 991 Panic Door Hardware		749				
Job Readiness - CTS		(195,000)				
Job Readiness - STS				(70,000)		
Job Readiness - UMS	(195,000)					
Job Readiness - YBM			(70,000)			
STS COR 2129 Confirm Revised Routin				4,950		
STS COR 2266 Escalator Ultra violet				0		
STS COR 2424 SS Box and GRS Conduit				11,405		
STS COR 2585 ELEVATOR and ESCALATOR				22,724		
STS PCC 1005 OCS Mod Seismic Joints				17,525		
STS PCC 1007 OCS Support Detail Rev				3,122		
STS PCC 1011 ATCS Relocate Procure				26,744		
STS PCC 835 PDS Sign Support at CTS				654		
STS PCC 908 Additional Radio Work				20,584		
STS PCC 940 SCADA Points List Revis				7,078		
STS PCC 954 Add FDC at 4th/Harrison				11,279		
STS PCC 981 TP Lighting Arrestors				51,767		
UMS COR 2578 PSC Chgs to FP Deluge	10,765					
UMS PCC 842 Relocate Supply Fans at	11,173					
UMS PCC 979 Hoistway Light Fixtures	28,701					
UMS PCC 984 Elev. Escal. Rms Resolu	15,041					
YBM COR 2065 Added Cladding to Esca			0			
YBM PCC 1001 Rplc DC P1 w Cmbo Star			2,334			
YBM PCC 1018 Stair Stab Edge			2,287			
YBM PCC 1029R1 Trctn Pwr Gear Anch			6,144			

Contract Modification/Trend Log - Contract 1300 Stations

**Awarded NTE Amount
Substantial Completion**

**839,676,400
Spring 2021**

**\$1,143,298,587
Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
YBM PCC 824 Station Signage Revise			7,857		
YBM PCC 955 Wall Dtls to Fill Gap U			5,090		
YBM PCC 976 Sta Agent Booth Door Ja			26,656		
YBM PCC 986 Relocate Camera MOS-P20			2,371		
YBM PCC 997 Change Door Stops			329		
Change Order Request (COR)					
COR 2458 Confirm Separate Spec 26 2				0	
COR 2655 UMS conf des chg PCC 984,	0				
COR 2656 UMS YBM ground test requir			0		
COR 2657 UMS DSC BART ele	0				
COR 2659 CTS fire alr horn strobe		0			
CTS COR 1042 SFWD Delay		195			
CTS COR 1704 GEN Failure of Timely		0			
CTS COR 1710 3 Added Labeling for D		0			
CTS COR 1760 Flat Jack System		0			
CTS COR 1781 Flooring Sealer		0			
CTS COR 1932 Plmbing Pipes at Stair		0			
CTS COR 1966 Add'l Revision to Elev		435			
CTS COR 2009 Fire Prctn Pipe Routi		0			
CTS COR 2047 Air Transfer Balance		0			
CTS COR 2058 Cntrct Dsgn Cmpln T24		0			
CTS COR 2165 Rebar at Stair 7 Slab		816			
CTS COR 2166 Layer of Rebar to CC A		1,664			
CTS COR 2177 GFRC-1 Support Frame C		0			
CTS COR 2206 Plaza Lvl Switchboards		0			
CTS COR 2268 Blockouts @ Roof Lvl		0			
CTS COR 2270 Stair 6 Landing&Lights		0			
CTS COR 2285 Water Leaks in Headhou		0			
CTS COR 2298 Revised Framing Plaza		0			
CTS COR 2307 DLV of Artwork		0			
CTS COR 2312 Gaps at Doors SU01A &		0			
CTS COR 2326 Plaza Level Stair Rail		0			
CTS COR 2330 Move Concrete Wall		1,398			
CTS COR 2331 25 Increase Slab		0			
CTS COR 2347 Plaza Stair Curb Reinf		0			
CTS COR 2349 Parapet GFRC Supp		0			
CTS COR 2350 Landscape Des. Issues		3,947			

Contract Modification/Trend Log - Contract 1300 Stations

**Awarded NTE Amount
Substantial Completion**

**839,676,400
Spring 2021**

**\$1,143,298,587
Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS COR 2354 GFRC-1 Panel Det		6,954			
CTS COR 2363 Reloc. Switch Bank		20,967			
CTS COR 2385 Elev Rough Opening		2,700			
CTS COR 2395 Voltage Motor O&M		0			
CTS COR 2398 GFRC Soffit		4,554			
CTS COR 2406 Network Lighting Ctrl		0			
CTS COR 2414 Changes to Ceil Grid		0			
CTS COR 2423 DBI Relocating Signs		2,720			
CTS COR 2433 H Beam Angle Rev		6,024			
CTS COR 2438 Roof Edge Detail		0			
CTS COR 2442 F6 Light Feat.		0			
CTS COR 2446 Chgs to Glass at Coil		12,823			
CTS COR 2447 EXP Joint Cover		6,947			
CTS COR 2448 primary power NOC NOD		0			
CTS COR 2449 Circuit Breaker Change		5,282			
CTS COR 2453 Rail Mod Due to Damper		4,323			
CTS COR 2461 Vent Shaft Drainage		9,423			
CTS COR 2477 Stair Glass & Framing		14,698			
CTS COR 2479 Issue SFFD Permit		0			
CTS COR 2489 Gd in Concessions SU08		0			
CTS COR 2495 Demountable GFRC		3,774			
CTS COR 2499 PSC Added Esc Barrier		323			
CTS COR 2516 Provide Specs Terrazzo		0			
CTS COR 2520 Beam Conflict Stair 6		2,538			
CTS COR 2530 GFRC Panels Over Doors		8,798			
CTS COR 2550 Elev/Esc Code Conflict		0			
CTS COR 2558 power for door operato		2,949			
CTS COR 2567 GFRC plate details		5,892			
CTS COR 2575 Rolling Gate Add Hardw		611			
CTS COR 2577 thin paver at doors		1,249			
CTS COR 2594 Parapet Wall at Plaza		30,898			
CTS COR 2596 wayfinding signage cha		0			
CTS COR 2598 Wood Trim Artwork Para		0			
CTS COR 2605 sub 10 14 00 07 rev		0			
CTS COR 2606 anti static floor		1,960			
CTS COR 2609 x3 exit signs		0			
CTS COR 2611 location of switches		3,669			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021					\$1,143,298,587 Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES	
CTS COR 2613 SCADA feild accpetance		0				
CTS COR 2615 relocation of cmu wall		8,065				
CTS COR 2618 surface finish boxes		0				
CTS COR 2622 added bathroom accesso		1,359				
CTS COR 2624 V-rail at crosscut cav		4,585				
CTS COR 2631add details conc lvl t		0				
CTS COR 2635 door floor stops		0				
CTS COR 2636 pavers in SU13A pocket		0				
CTS COR 2638 specs fm fire cabinet		0				
CTS COR 2639 parapet GSM coping		0				
CTS COR 2645 TPO roof membrane sht		0				
CTS COR 2646 changes to traction po		0				
CTS COR 2647 revised design detai		0				
CTS COR 2649 utility trough ceiling		9,075				
CTS COR 2650 revised electrical for		13,087				
CTS COR 2652 sub 0002 02 15 19		0				
CTS COR 2661 area of refuge conflic		0				
GEN COR 1686 T&M Delay Impacts	546,407					
STS COR 1676 Pavement Renovation De				74		
STS COR 2002 All Stations Keying Sc				290		
STS COR 2289 Improper Rej DMI O&M T				0		
STS COR 2362 Doors Project Delay Im				20,941		
STS COR 2377 Provide Mounting Detai				0		
STS COR 2378 Radio Antenna Mounting				0		
STS COR 2379 Change to Radio Cable				0		
STS COR 2382 Radiating Co-axial Cab				0		
STS COR 2383 Signal Power Wiring De				862		
STS COR 2384 Fisk Revised Substanti				0		
STS COR 2390 Termination Details fo				2,803		
STS COR 2391 ATCS Fiber Patching PI				0		
STS COR 2392 Emergency Ventilation				0		
STS COR 2396 Facility SCADA O & M M				0		
STS COR 2397 PDS System O & M Manua				0		
STS COR 2404 EV and FCP Training PI				0		
STS COR 2407 Platform Display syste				0		
STS COR 2434 Facilitate Routing of				9,319		
STS COR 2441 SCADA PLC Cabinet Powe				3,844		

Contract Modification/Trend Log - Contract 1300 Stations

**Awarded NTE Amount
Substantial Completion**

**839,676,400
Spring 2021**

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Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
STS COR 2444 FSS SCADA Points Updat				0	
STS COR 2452 Revise Radio Mount due				2,874	
STS COR 2457 Confirm Training Progr				0	
STS COR 2459 PAV Headend Acceptance				0	
STS COR 2460 Changes to Run Mainten				0	
STS COR 2493 Elevator Cabs CCTV Cab				8,052	
STS COR 2505 All stations final cle				0	
STS COR 2507 STS SCADA O&M Manual				0	
STS COR 2508 PDS System Spare parts				0	
STS COR 2509 Public Address System O				0	
STS COR 2510 PDS Trning Program Pln				0	
STS COR 2511 STS EV Fan control O&M				0	
STS COR 2533 Excavation Permit to P				692	
STS COR 2535 relocation of ATS Swit				0	
STS COR 2543 Groundwater Intrusion				0	
STS COR 2556 Lack of SFMTA Systems				0	
STS COR 2569 Communication Cable an				0	
STS COR 2579 Delays to SFFD Final T				0	
STS COR 2592 Protracted Review of O				0	
STS COR 2601 Plumbing and Fire Perm				757	
STS COR 2617 Changes to OCS Support				0	
STS COR 2619 Tunnel Interface Stairs				0	
STS COR 2620 TCP for the Installati				4,300	
STS COR 2626 Tamper Switches on Fir				0	
STS COR 2628 Mini Power Center Grou				0	
STS COR 2629 SFFD Telephone Enclosu				0	
STS COR 2630 Section Insulators Nor				0	
STS COR 2640 Shunt Trip Installatio				0	
STS COR 2642 OSC wire elevation				0	
STS COR 2643 energization of OCS				0	
STS COR 2644 to OCS Wire/Track Cent				0	
STS COR 2653 TMMFG OB2 Incorrect Pa				0	
STS COR 2654 switch machine at CTS				0	
STS COR 2658 portal gate in conflic				0	
STS COR 428 Sewer Roof Repair Detai				3,617	
STS COR 487 Re inspection of 4th an				10,811	
UMS COR 2412 Platform Artwork	0				

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021					\$1,143,298,587 Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES	
UMS COR 2467 RPSC Change Door Stops	992					
UMS COR 2468 Delays in BART TRNG	0					
UMS COR 2475 Acc Ctrl @ Door CN34B	1,358					
UMS COR 2500 Bart Powell New Elev E	1,622					
UMS COR 2513 Chgs to LV Dev As-buil	0					
UMS COR 2514 Provide Mounting Det T		0				
UMS COR 2564 frpf remv	2,757					
UMS COR 2607 Drs Released by Access	0					
UMS COR 2610 Elv Relocatn of Existi	133,303					
UMS COR 2627 sub 10 14 00-005	0					
YBM COR 2375 Access control for eme			22,032			
YBM COR 2399 Beam and Door Conflict			2,572			
YBM COR 2425 Surface Level Exterior			2,127			
YBM COR 2428 F17 Light Fixture layo			0			
YBM COR 2429 pump excess water			1,934			
YBM COR 2454 Exposed Support Framin			0			
YBM COR 2474 Revisions at Elevators			18,822			
YBM COR 2480 Metal panel cut-outs a			6,878			
YBM COR 2494 Instl LEO Door OPR			2,668			
YBM COR 2496 Elevator 3 & 4 Hoistwa			3,154			
YBM COR 2608 Doors Released by Acce			0			
YBM COR 2612 Traction Power SCADA R			0			
YBM COR 2633 Water Intrusion			3,169			
Negotiation						
CTS 2602 Station Agent Booth Cab Do		1,808				
CTS COR 1810 Aluminum Roll Up Door		0				
CTS COR 1827 PA Mounting Detail		0				
CTS COR 1898 Concrete Wall Rebar to		0				
CTS COR 1924 Main Power Grating		0				
CTS COR 2416 Rev Floor Mounting		3,953				
CTS COR 2484 Reloc.&Instl Sprinkler		361				
CTS COR 2487 Recess in Conc. Wall		843				
CTS COR 2525 Provide OH Elect DD EI		3,089				
CTS COR 2532 Provide SPEC & DES Det		2,029				
CTS COR 2538 PSC Provide REV Mounti		603				
CTS COR 2554 Plaza Lvl Fireproofed		644				
CTS COR 2560 conflict with sprinkle		8,247				

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021					\$1,143,298,587 Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES	
CTS COR 2574 Finish on Concrete Wal		906				
CTS COR 2576 additional finish requ		2,182				
CTS COR 2582 GFRC Closure Trim at C		1,828				
CTS COR 2584 Painting GSM Coping		268				
CTS COR 2588 Stair 7 Handrail Termi		756				
CTS COR 2591 stair 6 col, beam, sla		1,362				
CTS COR 2595 added ss closure		15,671				
CTS COR 2604 cmoke door adj		253				
CTS PCC 1025 SU13A Grout Protection		2,964				
CTS PCC 548 Spot Acceleration 2.15		0				
CTS PCC 593 Station Benches Change		0				
CTS PCC 924 Access for Pipes at CMU		3,319				
CTS PCC 934 Re-groutable Hose Inje		72,050				
CTS PCC 943 Reactivate 12" AWSS		40,353				
CTS PCC 960 Cement Board for Terraz		5,246				
CTS PCC 966 Neg Grnd Disconnect Swi		12,767				
CTS PCC 993 12' Vehicular Lane		3,370				
STS COR 2549 DSC NOD Miss 2" Sleev				129		
STS COR 2557 Changes to End of Plat				5,869		
STS COR 2583 CTS Stair Interface, N				4,995		
STS PCC 1019 OCS Revisions at CTS				11,922		
STS PCC 1020 ATCS Cable Mod at Lenn				3,676		
STS PCC 504 Traffic Control Require			4,737			
STS PCC 790 4th Street Portal Gate				13,215		
STS PCC 803 Add COVID Monitoring				15,789		
STS PCC 807 Cross Passage Door Fram				5,573		
STS PCC 942 location of Directional				0		
STS PCC 957 ATCS RLB Support Mod				2,792		
STS PCC 974 OCS Modifications CTS				35,731		
STS PCC 980 Spot Acceleration				42,891		
UMS COR 2032 Mountaining Dtl Lght	2,719					
UMS COR 2297 Steel Ch @ Joint	686					
UMS COR 2512 Confirm Removal/Abando	4,848					
UMS PCC 1006 Bird Netting Placement	14,143					
UMS PCC 1027 Relocate S Pltfrm CCTV	36,356					
UMS PCC 1028 Fusible Disconnect Swi	27,789					
UMS PCC 802 Dlt BART Faregate	(1,052)					

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021				\$1,143,298,587 Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES
YBM COR 390 Chip Mezzanine Headwall			6,601		
YBM PCC 1000 Esc 1 & 2 Cladding Fla			21,795		
YBM PCC 1010 Missing UPS Wiring			7,674		
YBM PCC 1017 Rmv-Rlct Wire& Conduit			2,849		
YBM PCC 748 Added FSDs in Sector 3			11,690		
YBM PCC 770 Revised Wall Panels			10,540		
YBM PCC 889 Replace Transformer T-1			16,940		
YBM PCC 916 Revisions to IV302			74,080		
YBM PCC 939 Finishes for Gaps at Es			0		
YBM PCC 970 Non-compliance Rectific			110,212		
Proposed Contract Change (PCC)					
CTS PCC 1002 T.Arais Artwork Scp Ch		0			
CTS PCC 1015 Removal of Hand&Gurad		351			
CTS PCC 1024 X3 Fixture Rev Location		0			
CTS PCC 1026		0			
CTS PCC 1035 Additional GFRC Materi		0			
CTS PCC 486Rev 1 Structural Slab Cha		4,192			
CTS PCC 548 Spot Acceleration		220,000			
CTS PCC 728Rev 1 Rev to Restroom Plz		1,147			
CTS PCC 932 Power to Rails		1,100			
CTS PCC 937 Switchgear Anchor in TP		550			
CTS PCC 946 Cavern Grout Equivalent		19,157			
CTS PCC 963 Delete Recess		0			
CTS PCC 965 Framing at Esc 1 & 2		0			
CTS PCC 969		0			
CTS PCC 971 Sidewalk Blockout for S		550			
CTS PCC 973 Protective Cover		6,511			
CTS PCC 987 Provide Branch Selector		0			
CTS PCC 988 Add Sheet Metal		0			
CTS PCC 989 Elevator-Escalator Room		0			
CTS PCC 992 Protection for Cables		1,422			
CTS PCC 999 Parapet Artwork & Spprt		0			
CTS PCC628 Police Officer at Powell		16,500			
CTS PCC746 GFRC Framing Support		795			
STS PCC 1003 Traction Power K-6 Tie				0	
STS PCC 1021 Tunnel Leak Repair				0	
STS PCC 1023 Traffic Barrier Remova				0	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021					\$1,143,298,587 Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES	
STS PCC 1039 OCS Support Rev SB UMS				0		
STS PCC 1040 Mods to CTS Cross OCS				0		
STS PCC 618 Mod Swoosh Arm P1 P2				1,035		
STS PCC 725 ATS for CP5 Sump Pump				3,539		
STS PCC 831 ATCS Equip Transport				5,484		
STS PCC 921 OCS Dead End Revisions				5,500		
STS PCC 922R1 4th Bryant Add Traf				22,671		
STS PCC 925 Elevator & Escalator Ma				0		
STS PCC 938 Electrical Cabinet Revi				50		
STS PCC 958 Asbestos Testing Abate				1,100		
STS PCC 978 Delete Tiles & Barriers				(370)		
UMS PCC 1004 EOP Gate Clearance	0					
UMS PCC 1034 Install Rmyb Guardrail	0					
UMS PCC 1037 Glass Guardrail & Prec	0					
UMS PCC 930 Pwr for Gap Breaker Rm	879					
UMS PCC 941 EV Fan Damper Guardrail	2,200					
UMS PCC 951 mitigate water seepage	0					
UMS PCC 985R1 Add Neg Rtn Wiring Gap	0					
YBM PCC 1016 Guardrail Esc Mchn Rm			2,169			
YBM PCC 1030R2 Resolution of Elec			566			
YBM PCC 1032 Eye Wash Sta Relocatio			0			
YBM PCC 1042 Sump Pumps Fo Drainage			0			
YBM PCC 817 Revise Spindle Length			1,100			
YBM PCC 910 Water Remediation			0			
YBM PCC 933 Lighting Revisions in M			11,000			
YBM PCC 947 Delete 4 trees 4th St.			0			
YBM PCC 949 Dtls for Esc Cladding			2,984			
YBM PCC 982 Protection for Neg Rtrn			931			
YBM PCC 994 Esc Mac Rm Sliding Door			0			
YBM PCC 998 Del of Surface Bus OCS			0			
Approved	20,744,337	156,181,923	4,889,959	121,805,969		
Contract Modification						
CMod # 14 YBM COR 036, 078			58,526			
CMod #017 CTS CORs 001 053 & 069		54,322				
CMod #018 CTS PCC 012		60,248				
CMod #021 STS CORs 48/52/114/233/252				18,221		
CMod #025 - Various CORs			59,113			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021			\$1,143,298,587 Spring 2021	COST REPORT NOTES
	UMS	CTS	YBM	STS	
CMod #026 YBM COR 072			84,509		
CMod #027 UMS PCC 092	0				
CMod #028 CTS PCC 017.1		97,743			
CMod #029 STS PCC 009.1				(143,668)	
CMod #033 CTS Various CORs		56,422			
CMod #034 CTS Various CORs		19,334			
CMod #035 STS PCC 077				11,147	
CMod #037 CTS Various CORs		8,886			
CMod #038 STS Various CORs				52,553	
CMod #039 UMS Various CORs	23,271				
CMod #040 YBM Analytical Soil Test			3,655		
CMod #049 STS DSC CORs				136,728	
CMod #050 STS DSC CORs				67,036	
CMod #053 STS DSC CORs				17,035	
CMod #081 Various DSC CORs & PCCs			57,886		
CMod #082 YBM COR 385			21,170		
CMod #083 YBM Various Changes			27,270		
CMod #084 YBM Various Changes			12,156		
CMod #085 YBM COR 086 Existing AT&T			156,831		
CMod #086 YBM COR 1106			1,897		
CMod #1 BART Elevator Option 1 @ Pow	90,000				
CMod #10 YBM PCC 042			64,287		
CMod #100 UMS PCC 102 Fire & Life	48,149				
CMod #101 YBM COR 75 Slurry Wall			22,423		
CMod #102 STS PCC 410 ATCS Ext Cable				125,412	
CMod #103 UMS PCC 345 Lead Paint	221,766				
CMod #104 CTS Soil CMod Suppl CMOD19		1,621,173			
CMod #105 UMS Schedule Recovery	732,979				
CMod #106 CTS COR 1080 Acceleration		970,131			
CMod #107 YBM PCC 446 COR 1425			1,500,787		
CMod #108 STS Various Changes				50,400	
CMod #109 YBM 109 Various CORs			33,471		
CMod #11 UMS PCC 002	12,997				
CMod #110 UMS COR 251 770 779 781	118,911				
CMod #111 STS PCC 457 Traffic Signal				38,012	
CMod #112 UMS Various Changes	337,401				
CMod #113 STS Various Changes				103,369	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021			\$1,143,298,587 Spring 2021	COST REPORT NOTES
	UMS	CTS	YBM	STS	
CMod #114 YBM Various CORs			99,028		
CMod #115 CTS Various Force Accounts		25,026			
CMod #116 UMS COR 034/CCC 004 Type B	627,081				
CMod #117 YBM Various PCCs			111,027		
CMOD #118 YBM Various PCCs & CORs			421,616		
CMod #12 STS Traffic Control				1,032,302	
CMod #123 CTS PCC 050 Chinatown Plaz		9,360,183			
CMod #124 STS Delete ARS				(4,876,785)	
CMod #125 Omnibus				18,995,027	
CMod #126 YBM Door Hardware PCC 318			1,648,534		
CMod #127 STS Office Lease				1,845,604	
CMod #128 STS Radio System Revisions				1,666,735	
CMod #13 CTS COR 006		57,707			
CMod #130 ATCS				15,920,625	
CMod #131 PCC 569 EVAC Fire Alarm				1,210,445	
CMod #133 CTS Frontier Temper Claims		10,382,106			
CMod #136 Fire Alarm				6,976,834	
CMod #15 YBM COR 196			3,178		
CMod #16 UMS COR 184	8,261				
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				
CMod #23 UMS PCC 058	63,838				
CMod #3 CTS Work Safely Ard Power Po		25,956			
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 #4 CTS-Force Account Change Or		130,000			
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 #44 UMS Grade 50 Steel	572,884				
CMod #46 YBM/CTS/UMS S.walk Hatches			35,489		
CMod #47 UMS Roof Deck Schedule	76,124				
CMod #48 UMS Undgrnd. Storage Tanks	97,817				
CMod #5 YBM Deletion of Comp Groutin					(1,833,869)

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021					\$1,143,298,587 Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES	
CMod #51 YBM Various CORs and PCCs			24,875			
CMod #52 YBM Undgrnd. Storage Tanks			167,393			
CMod #54 UMS USG Underpinning	732,157					
CMod #55 YBM Archeological Discovery			102,734			
CMod #56 YBM Contaminated Material			106,923			
CMod #57 STS Crossover Materials				21,245		
CMod #58 STS DSC CORs				90,081		
CMod #59 CTS DSC CORs		66,592				
CMod #6 CTS Plaza Constr Supt Servi		75,000				
CMod #60 UMS USG Two Fuel Tanks	61,312					
CMod #61 YBM Various CORs			207,181			
CMod #62 UMS Wales and Waterproofing	277,714					
CMod #63 CTS DSC CORs		38,025				
CMod #64 STS DSC CORs and SFWD				52,570		
CMod #65 UMS Various CORs and PCCs	10,320					
CMod #66 STS Sewer Notching				66,949		
CMod #67 UMS Solar/Low-e Coating	23,290					
CMod #68 STS Various CORs				59,555		
CMod #69 UMS Various CORs	49,682					
CMod #70 YBM Various CORs			178,079			
CMod #71 UMS Haz and Asbestos Abate	81,907					
CMod #72 YBM COR 249. 566			74,694			
CMod #74 UMS PCC 39 12" Wtrln Reloc	336,236					
CMod #75 UMS COR 060 New 8" Wtr Line	58,672					
CMod #76 YBM COR 806 Gardril credits			(9,611)			
CMod #77 STS Various Changes				56,629		
CMod #78 STS Various DSC CORs				191,175		
CMod #79 STS PCC 014 Traffic Signal				242,427		
CMod #80 STS Add'l Work to DSCs CORs				111,701		
CMod #87 CTS Var Slurry Wall Changes		3,596,000				
CMod #88 STS Various COR Misc Work				38,346		
CMod #89 YBM CORs 390,485 & 848			85,095			
CMod #9 YBM COR 10,15,16,18,20,25			126,663			
CMod #90 CTS DRB Reimbursement		1,296,364				
CMod #91 YBM PCC 069			84,537			
CMod #92 CTS PCC 233 & 26		1,126,478				
CMod #93 STS Coordinate of ATCS Work				(18,036,709)		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021					\$1,143,298,587 Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES	
Cmod #94 UMS Various Changes	46,057					
CMod #95 UMS Bart Elv Opt 2 Add Cost	400,000					
Cmod #96 UMS Comp Grout Quantities	775,000					
CMod #97 STS COR 322 Tunnel Cleaning				399,000		
CMod #98 YBM PCC 76 AWSS SSFM			163,113			
Cmod #99 UMS Various Changes	996,584					
CMod 073 - PCC 066 PB				96,516		
CMOD 24 STS PCC 23				108,053		
Cmod#119: UMS: Various Changes PCC 110, 124, 127 190, 191, 247, and 429	131,687					
Cmod#120: UMS: PCC 122R1 - UMS 1 1/2 inch Drain Piping Grout Details - Dowel Support	560,280					
Cmod#121: YBM: Various Changes COR 825, 1359, 1610 and PCC 320R1			142,904			
CMod#132 STS - CCC 105 Impacts of DSCs and Design Changes to Valverde				11,800,000		
Cmod#134: STS - Omnibus 1 Settlement				29,848,737		
Cmod#135: UMS - Layne Claims	13,000,000					
Cmod#137: CTS - Global Settlement		93,600,000				
Cmod#138: STS - Omnibus 2 Settlement				53,000,000		
CMod#7 STS FACOs 016, 017 & COR 009				80,170		
CMod#8 STS PCC 006 ATT MH, PB&Trench				225,208		
Cmod#884 UMS - Automobile Bus Acceleration - dummy	0					
Cmod#885: CTS - Communications - dummy		0				
Cmod#886: YBM - Communications - dummy			0			
Cmod#889: STS - Automobile Bus Acceleration -dummy				0		
CTS CMod #122 Schedule Delay Costs		31,240,000				
STS CMod 045 PCC 008 Tunnel Lowering				107,285		
Grand Total	21,390,022	156,779,201	5,222,251	122,164,630		

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

Report Period: May 2021

		April 2021			May 2021				
Group by Contract & SCC	CATEGORY ITEM	April 2021 Base	April 2021 Allocated Contingency	April 2021 Base + Allocated Contingency (YOE)	May 2021 Base	May 2021 Allocated Contingency	May 2021 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [May 2021] vs. [April 2021]	Cost Report Notes
10-50	CONSTRUCTION CONTRACT PACKAGES	1,479,106,304	(20,129,296)	1,463,818,958	1,479,106,304	(20,129,296)	1,463,818,958	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	20,744,696		20,744,696	20,744,696		20,744,696	0	
	Contract 1251 Form B Credit	(7,618,412)		(7,618,412)	(7,618,412)		(7,618,412)	0	
1252	GUIDEWAY TUNNEL	233,511,253	0	233,511,253	233,511,253	0	233,511,253	0	32
	Contract 1252 Form B Credit	(254,050)		(254,050)	(254,050)		(254,050)	0	
1300	CN1300 STATIONS TOTAL	1,143,298,587	(21,289,296)	1,122,009,291	1,143,298,587	(21,289,296)	1,122,009,291	0	33
1253: UMS	UNION SQUARE/MARKET STREET STATION [UMS]	314,774,927	(744,337)	314,030,590	314,774,927	(744,337)	314,030,590	0	
	UMS 1253 Form B Credit	(528,370)		(528,370)	(528,370)		(528,370)	0	
1254: CTS	CHINA TOWN STATION [CTS]	403,749,733	(11,502,535)	392,247,198	403,749,733	(11,502,535)	392,247,198	0	
	CTS 1254 Form B Credit	(451,703)		(451,703)	(451,703)		(451,703)	0	
1255: YBM	YERBA BUENA/ MOSCONE STATION [YBM]	162,978,959	10,110,042	173,089,001	162,978,959	10,110,042	173,089,001	0	
	YBM 1255 Form B Credit	(100,000)		(100,000)	(100,000)		(100,000)	0	
1256: STS	SURFACE TRACKWORK & SYSTEMS [STS]	261,794,969	(19,152,467)	242,642,502	261,794,969	(19,152,467)	242,642,502	0	
	STS 1256 SFPUK 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	89,412,062	1,160,000	90,572,062	89,412,062	1,160,000	90,572,062	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	
40.08	CN1300 JOB READINESS PROGRAM - OUTREACH	1,060,000		1,060,000	1,060,000		1,060,000	0	33
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	34
50.01	THALES T&S ATCS	487,972		487,972	487,972		487,972	0	
50.01	CN1266-2 Advanced Train Control System (ATCS) - Implementation	25,007,930		25,007,930	25,007,930		25,007,930	0	34a
50.01	CN1266-1 Advanced Train Control System (ATCS) - Equipment	3,425,424		3,425,424	3,425,424		3,425,424	0	34a
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: May 2021

		April 2021			May 2021				
Group by Contract & SCC	CATEGORY ITEM	April 2021 Base	April 2021 Allocated Contingency	April 2021 Base + Allocated Contingency (YOE)	May 2021 Base	May 2021 Allocated Contingency	May 2021 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [May 2021] vs. [April 2021]	Cost Report Notes
40.02	JOB ORDER CONTRACTS (JOCS) - CONSTRUCTION	117,255		117,255	117,255		117,255	0	
40.08	AON RISK INSURANCE	26,778,757		26,778,757	26,778,757		26,778,757	0	34b
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	
50.05	CSP Radio Design	641,950		641,950	641,950		641,950	0	34c
50.05	CSP Radio Cable	377,788		377,788	377,788		377,788	0	34c
50.05	CSP Radio Design Procurement	3,822,212		3,822,212	3,822,212		3,822,212	0	34c
60	ROW, LAND, EXISTING IMPROVEMENTS	32,246,321	0	32,246,321	32,246,321	0	32,246,321	0	
60.01	PURCHASE OR LEASE OF REAL ESTATE	30,065,810	0	30,065,810	30,065,810	0	30,065,810	0	35
60.02	RELOCATION OF EXISTING HOUSEHOLDS	2,180,511		2,180,511	2,180,511		2,180,511	0	
70	VEHICLES	12,000,000	0	12,000,000	12,000,000	0	12,000,000	0	
70.01	LIGHT RAIL	12,000,000	0	12,000,000	12,000,000	0	12,000,000	0	36
80	PROFESSIONAL SERVICES	366,928,190	1,358,422	368,286,612	366,928,190	1,358,422	368,286,612	0	
80.01	PRELIMINARY ENGINEERING	46,202,674		46,202,674	46,202,674		46,202,674	0	
80.02	FINAL DESIGN	61,318,331		61,318,331	61,318,331		61,318,331	0	
80.03	PROJECT MANAGEMENT FOR DESIGN & CONSTRUCTION	110,742,469	0	110,742,469	110,742,469	0	110,742,469	0	36a

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

Report Period: May 2021

		April 2021			May 2021				
Group by Contract & SCC	CATEGORY ITEM	April 2021 Base	April 2021 Allocated Contingency	April 2021 Base + Allocated Contingency (YOE)	May 2021 Base	May 2021 Allocated Contingency	May 2021 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [May 2021] vs. [April 2021]	Cost Report Notes
80.04	CONSTRUCTION ADMINISTRATION & MANAGEMENT	125,777,105	0	125,777,105	125,777,105	0	125,777,105	0	36a
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	8,212,604		8,212,604	8,212,604		8,212,604	0	
80.07	SURVEYS, TESTING, INVESTIGATION. INSPECTION	933,100		933,100	933,100		933,100	0	
80.08	START-UP	6,941,907	1,358,422	8,300,329	6,941,907	1,358,422	8,300,329	0	
	ALL SCC CATEGORIES 10 TO 80	1,890,280,816	(18,770,874)	1,876,351,891	1,890,280,816	(18,770,874)	1,876,351,891		37
90	UNALLOCATED CONTINGENCIES			801,872			801,872		38
	TOTAL PROJECT COST 10 TO 100			1,877,153,764			1,877,153,764		
	TOTAL CONTINGENCY								
	CONTINGENCY MINIMUM								
	BELOW OR ABOVE MINIMUM								

COST STATUS BY CATEGORY	SCC CODES	Sum of Supplemental 2013 Budget	BUDGET April 2021	BUDGET TRANSFERS	BUDGET May 2021	Sum of May 2021	Remaining Budget (Column H-Column I)	May 2021 EAC	May 2021 Contingency	Cost Report Notes
		A	B	C	D	E	F	G	H	
GUIDEWAY & TRACK ELEMENTS	SCC 010	282,227,872	284,261,448	-	284,261,448	284,149,916	111,532	284,261,448		39
STATIONS, STOPS, TERMINALS, INTERMODAL	SCC 020	573,099,645	543,786,631	-	543,786,631	547,986,006	(4,199,375)	565,713,131		39
SITework & SPECIAL CONDITIONS	SCC 040	235,514,097	507,149,098	-	507,149,098	505,424,930	1,724,167	506,526,877		39
SYSTEMS	SCC 050	90,774,397	128,621,781	-	128,621,781	105,936,750	22,685,032	119,268,699		39
ROW, LAND, EXISTING IMPROVEMENTS	SCC 060	37,511,799	32,246,321	-	32,246,321	30,718,744	1,527,577	32,246,321		
VEHICLES	SCC 070	26,385,653	12,000,000	-	12,000,000	11,929,247	70,753	16,800,000		
PRELIM ENGINEERING	SCC 080.01	46,202,673	46,202,674	-	46,202,674	46,202,675	(1)	46,202,674		
FINAL DESIGN	SCC 080.02	61,137,604	61,318,331	-	61,318,331	61,282,422	35,909	61,318,331		
PM FOR DESIGN & CONSTRUCTION	SCC 080.03 - 080.04	197,146,664	236,519,574	-	236,519,574	227,045,706	9,473,868	236,519,574		39
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,416,118	24,246,033	-	24,246,033	13,711,386	10,534,647	22,887,611		
UNALLOC CONTINGENCY	SCC 090	3,883,480	801,869	-	801,869	-	801,869		801,872	39
Grand Total		1,578,300,000	1,877,153,760	0	1,877,153,760	1,834,387,781	42,765,979	1,891,744,667	801,872	

SCC DESCRIPTION	May 2021 BUDGET	May 2021 CTD
010 - GUIDEWAY & TRACK ELEMENTS	284,261,448	284,149,916
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	543,786,631	547,986,006
040 - SITEWORK & SPECIAL CONDITIONS	507,149,098	505,424,930
050 - SYSTEMS	128,621,781	105,936,750
060 - ROW, LAND, EXISTING IMPROVEMENTS	32,246,321	30,718,744
070 - VEHICLES (number)	12,000,000	11,929,247
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	368,286,612	348,242,188
090 - UNALLOCATED CONTINGENCY	801,869	0
Grand Total	1,877,153,760	1,834,387,781

SCC DESCRIPTION	May 2021 BUDGET	May 2021 CTD
010.02-Guideway: At grade semi-exclusive (allows cross-traffic)	2,860,000	2,860,000
010.06-Guideway: Underground cut & cover	69,816,407	69,806,407
010.07-Guideway: Underground tunnel	200,374,315	200,277,215
010.09-Track: Direct fixation	6,761,089	6,756,657
010.12-Track: Special (switches, turnouts)	4,449,637	4,449,637
020.01-At-grade station, stop, shelter, mall, terminal, platform	7,602,857	6,982,166
020.02-Aerial station, stop, shelter, mall, terminal, platform	(19,152,467)	0
020.03-Underground station, stop, shelter, mall, terminal, platform	523,664,165	519,216,093
020.04-OTHER STATIONS, LANDING, TERMINALS: INTERMODAL, FERRY, TROLLEY, ETC	9,360,183	0
020.07-Elevators, escalators	22,311,892	21,787,747
040.01-Demolition, Clearing, Earthwork	12,754,615	12,502,015
040.02-Site Utilities, Utility Relocation	68,753,443	80,357,276
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	9,423,125	7,618,511
040.04-Environmental mitigation, e.g. wetlands, historic/archeologic, parks	1,122,899	626,185
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	5,600,174
040.07-Automobile, bus, van accessways including roads, parking lots	6,579,099	6,476,597
040.08-Temporary Facilities and other indirect costs during construction	396,018,492	389,537,741
050.01-Train control and signals	38,688,008	29,597,301
050.02-Traffic signals and crossing protection	12,804,956	12,185,743
050.03-Traction power supply: substations	21,465,073	22,909,580
050.04-Traction power distribution: catenary and third rail	12,441,113	5,843,773
050.05-Communications	34,508,045	32,133,125
050.06-Fare collection system and equipment	6,100,000	841,265
050.07-Central Control	2,614,586	2,425,963
060.01-Purchase or lease of real estate	30,065,810	28,309,314
060.02-Relocation of existing households and businesses	2,180,511	2,409,430
070.01-Light Rail	12,000,000	11,929,247
080.01-Preliminary Engineering	46,202,674	46,202,675
080.02-Final Design	61,318,331	61,282,422
080.03-Project Management for Design and Construction	91,271,972	86,181,142
080.04-Construction Administration & Management	145,247,602	140,864,564
080.05-Professional Liability and other Non-Construction Insurance	6,800,000	6,340,196
080.06-Legal; Permits; Review Fees by other agencies, cities, etc.	8,212,604	6,433,496
080.07-Surveys, Testing, Investigation, Inspection	933,100	908,184
080.08-Start up	8,300,329	29,510
090.00-Unallocated Contingency	801,869	0
Grand Total	1,877,153,760	1,834,387,781

[A] Cost Account Description	[B] May 2021 Budget (YOE)	ACTUAL COSTS					[G] VARIANCE (B - F)	COST REPORT NOTES
		[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	40	
11 - SFMTA PROJECT MANAGEMENT	8,800,164	8,253,957	0	0	8,253,957	546,208	41	
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	11,425,594	0	42	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	921,906	802,883	0	0	802,883	119,023		
21 - ARTS COMMISSION	1,500,570	1,500,570	0	0	1,500,570	0	43	
22 - FIRE DEPARTMENT	33,825	35,343	0	0	35,343	(1,518)		
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	336,735	336,735	0	0	336,735	0	44	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	3,336,432	3,336,432	0	0	3,336,432	0		
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	45	
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	26,793,234	26,793,234	0	0	26,793,234	0	46	
66 - ANIL VERMA	395,204	395,204	0	0	395,204	0	47	
67 - HILL INTERNATIONAL CONTRACT 156	6,716,294	6,716,294	0	0	6,716,294	0	48	
68 - ARTHUR GALLAGER & CO. CS 164	6,800,000	6,340,196	0	0	6,340,196	459,804		
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	5,469,336	5,469,336	0	0	5,469,336	0	49	
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	26,220,609	0	50	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	0	11,432,312	0	51	
331 - BAY AREA RAPID TRANSIT (BART)	146,427	146,427	0	0	146,427	0		
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)	0	81,597	0	0	81,597	(81,597)		
TOTAL FINAL DESIGN	115,075,988	114,034,067	0	0	114,034,067	1,041,921		
11 - SFMTA PROJECT MANAGEMENT	21,500,000	19,658,156	329,366	134,153	19,792,309	1,707,691		
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	21,500,000	19,658,156	329,366	134,153	19,792,309	1,707,691		
12 - SFMTA ENGINEERING SERVICES	3,433,582	3,245,400	92,814	37,829	3,283,229	150,353		
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	3,310,000	3,187,752	92,814	37,829	3,225,581	84,419		
13 - SFMTA CONSTRUCTION MANAGEMENT	28,002,275	26,670,793	464,332	170,038	26,840,831	1,161,444		
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	28,002,275	26,670,793	464,332	170,038	26,840,831	1,161,444		
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,659,313	2,891,602	15,080	1,776	2,893,378	765,935		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	403,185	0	117	403,301	(103,701)		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	167,843	5,809	117	167,960	106,940		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	228,269	0	117	228,385	10,015		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	385,983	9,271	1,426	387,410	489,466		
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B84]	0	1,464	0	0	1,464	(1,464)		

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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		
1.3.016.08.040.08 - 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]	252,536	252,536	0	0	252,536	0		
1.3.016.08.080.04 - DPT:SSD [13BN]	23,302	23,302	0	0	23,302	0		
1.3.016.08.080.04 - DPT:SSD [13CN]	963	963	0	0	963	0		
1.3.016.08.080.04 - DPT:SSD [B85]	92,008	92,008	0	0	92,008	0		
1.3.016.03.040.08 - PCOS:1300/UMS [68CPT544132W.CPT544132W]	0	163,411	0	0	163,411	(163,411)		
1.3.016.04.040.08 - PCOS:1300/CTS [68CPT544132X.CPT544132X]	0	0	0	0	0	0		
1.3.016.05.040.08 - PCOS:1300/YBM [68CPT544132Y.CPT544132Y]	0	207,537	0	0	207,537	(207,537)		
1.3.016.09.040.08 - PCOS:1300/STS [68CPT544132Z.CPT544132Z]	0	252,092	0	0	252,092	(252,092)		
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	155,852	0	0	155,852	244,148		
1.3.018.04.040.02 - OPS:SUPPORT TO CONTRACT 1300/CTS	100,000	67,354	0	0	67,354	32,646		
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300 - UMS O/L	50,255	73,817	0	0	73,817	(23,561)		
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300/UMS	249,745	14,681	0	0	14,681	235,063		
19 - OTHER SFMTA	1,000,000	945,836	0	0	945,836	54,164		
1.3.019.07.080.07 - OTH.MTA SFMTA-SURVEY; TSTG [6840]	1,800	1,720	0	0	1,720	80		
1.3.019.08.040.08 - OTH.MTA 1251 MATERIALS	150,000	126,149	0	0	126,149	23,851		
1.3.019.08.080.07 - OTH.MTA OPERATION SUPPORT DUR	848,200	817,966	0	0	817,966	30,234		
21 - ARTS COMMISSION	12,010,886	6,550,322	115,634	12,412	6,562,734	5,448,152		
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION COSTS	3,769,932	0	0	0	0	3,769,932		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [1227]	1,719,387	388,167	0	0	388,167	1,331,220	52	
1.3.021.01.080.04 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT544122]	21,000	12,465	0	0	12,465	8,535		
1.3.021.06.080.03 - ARTS:CTYCO-ARTS COMMISSION PM [285MC.132J]	834,264	975,680	6,618	9,492	985,172	(150,907)		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWA335MPFUNA.CPT544132]	10,149	11,093	0	0	11,093	(944)		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT544132]	4,439	4,439	0	0	4,439	0		
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT5441327.CPT5441327]	1,393,660	1,393,660	0	0	1,393,660	0		
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT5441327]	3,011,963	3,764,818	109,016	2,920	3,767,739	(755,776)		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [132J]	86,091	0	0	0	0	86,091		
1.3.021.97.040.06 - ARTS:ARTS COMMISSION ALLOC CO	1,160,000	0	0	0	0	1,160,000		
23 - CITY ATTORNEY'S OFFICE	2,171,781	2,947,596	0	0	2,947,596	(775,815)		
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	2,947,596	0	0	2,947,596	(775,815)		
25 - PUBLIC UTILITIES COMMISSION SEWER	(2,925,296)	0	0	0	0	(2,925,296)		
1.3.025.09.040.02 - STS.1256: SITE UTILITIES SFPUC SEWER MAIN	(2,925,296)	0	0	0	0	(2,925,296)		
26 - PLANNING	137,062	26,697	0	0	26,697	110,365		
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	26,697	0	0	26,697	110,365		
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	5,416,277	5,051	10,927	5,427,204	(1,185,192)		
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	527,492	1,052	456	527,948	(129,548)		
1.3.028.02.080.04 - PUC:MTA CSP CN1252 [470465]	105,000	91,587	0	0	91,587	13,413		

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		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total			
1.3.028.03.040.02 - PUC:CDD CONTRACT 1300/UMS SUPPORT	606,354	848,913	0	1,061	849,975	(243,621)		
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	48,770	858	0	48,770	181,230		
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	244,865	1,117	822	245,688	26,067		
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	94,909	0	0	94,909	20,091		
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPORT	450,282	851,145	1,218	6,683	857,828	(407,546)		
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	155,783	0	0	155,783	28,217		
1.3.028.06.040.02 - PUC:CMB CONTRACT 1300/SFWD AWSS MATERIAL	225,079	474,325	0	456	474,781	(249,702)		
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 [3BB]	0	92,579	0	0	92,579	(92,579)		
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [445]	340,310	318,130	0	0	318,130	22,180		
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	503,972	806	1,449	505,421	14,656		
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTION	207,000	464,294	0	0	464,294	(257,294)		
32 - DPW - IDC ENGINEERING (HYDRAULIC)	1,150,459	560,763	0	0	560,763	589,696		
1.3.032.01.080.04 - CM:DPW:1424J-BUREAU OF ENGINEERING (BOE) [AB12]	(285,405)	(285,405)	0	0	(285,405)	0.00		
1.3.032.03.080.04 - DPW IDC HYDRAULIC CN1300 UMS SUPPORT	297,938	130,415	0	0	130,415	167,523		
1.3.032.04.080.04 - DPW IDC HYDRAULIC CN1300 CTS SUPPORT	295,639	22,125	0	0	22,125	273,514		
1.3.032.05.080.04 - DPW IDC HYDRAULIC CN1300 YBM SUPPORT	301,882	58,932	0	0	58,932	242,950		
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112B112]	85,275	85,275	0	0	85,275	0	53	
1.3.032.06.080.04-1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112C112]	109,658	109,658	0	0	109,658	0	54	
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112D112]	15,791	15,791	0	0	15,791	0	55	
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112E112]	11,193	11,193	0	0	11,193	0	56	
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112F112]	107,798	107,798	0	0	107,798	0	57	
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112G112]	21,690	47,917	0	0	47,917	(26,227)	58	
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	257,065	0	0	257,065	(77,065)		
34 - DPW - IDC CONSTRUCTION (CAPITAL)	6,703,969	6,345,071	0	0	6,345,071	358,898		
1.3.034.01.080.04 - DPW:BCM LABOR [2113]	2,140,142	2,140,142	0	0	2,140,142	0		
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [CD12]	1,207,603	1,207,603	0	0	1,207,603	0		
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [13AC12]	138,397	138,397	0	0	138,397	0		
1.3.034.06.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [132112]	506,858	506,858	0	0	506,858	0		
1.3.034.06.080.04 - DPW:CONSTR:1300 CM [13CP12]	2,710,969	2,352,071	0	0	2,352,071	358,898		
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	465,562	158,741	0	0	158,741	306,821		
1.3.036.01.080.04 - DPW:MPPG:DPW-BUREAU OF ST USE	367,129	32,680	0	0	32,680	334,449		
1.3.036.02.080.04 - DPW:MPPG:1300-DPW-BUREAU OF ST USE [13CG12]	50,000	33,084	0	0	33,084	16,916		
1.3.036.02.080.06 - DPW:MPPG:DPW-BUREAU OF ST USE [13CF]	48,433	92,977	0	0	92,977	(44,544)		
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)	613,853	438,455	0	0	438,455	175,398		
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		

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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 [13C]	18,632	16,880	0	0	16,880	1,753		
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1300 [13C]	41,379	24,761	0	0	24,761	16,618		
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	770,843	711,664	10,388	483	712,147	58,696		
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	696,753	659,223	10,051	0	659,223	37,530		
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	30,073	338	96	30,168	24,832		
1.3.051.06.080.04 - ODC.HWRD:W/MTA INST WTR SVC @ STS&YBM TRAILER	9,090	21,312	0	387	21,700	(12,610)		
55 - 651 BRANNAN	10,348	10,348	0	0	10,348	0		
1.3.055.01.080.03 - CM:ODCs - 651 BRANNAN STREET	10,348	10,348	0	0	10,348	0	59	
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	83,238,069	78,763,260	3,785,827	851,709	79,614,969	3,623,100		
1.3.063.01.080.03 - CM:PM:AECOM.CS149 OM-EPC JV CS149-PM	5,017,804	5,017,804	0	0	5,017,804	0	60	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3B]	1,969,213	1,969,213	0	0	1,969,213	(0)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3E]	6,386,250	6,386,250	0	0	6,386,250	(0)		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3E][PM]	1,596,563	1,596,563	0	0	1,596,563	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3F]	4,101,465	4,101,466	0	0	4,101,466	(0)		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3F][PM]	1,025,366	1,025,366	0	0	1,025,366	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3G]	5,167,381	5,167,381	0	0	5,167,381	(0)		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3G][PM]	1,291,845	1,291,845	0	0	1,291,845	(0)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3H]	4,380,849	4,380,849	0	0	4,380,849	(0)		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3H][PM]	1,095,212	1,095,212	0	0	1,095,212	(0)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3i]	6,739,945	5,582,974	0	0	5,582,974	1,156,971		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3i][PM]	2,590,785	1,395,744	0	0	1,395,744	1,195,041		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3j]	7,000,000	6,081,401	0	0	6,081,401	918,599		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3j][PM]	2,000,000	1,520,350	0	0	1,520,350	479,650		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3m]	10,070,497	13,419,972	2,671,497	681,367	14,101,339	(4,030,843)		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3m][PM]	2,517,624	3,354,993	667,874	170,342	3,525,335	(1,007,711)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3n]	2,400,000	0	0	0	0	2,400,000		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3n][PM]	600,000	0	0	0	0	600,000		
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]	515,694	515,694	0	0	515,694	(0)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9E]	523,943	523,943	0	0	523,943	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9F]	461,196	461,196	0	0	461,196	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9G]	501,912	501,912	0	0	501,912	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9H]	1,219,093	1,219,093	0	0	1,219,093	(0)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9i]	2,974,444	3,039,000	0	0	3,039,000	(64,556)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9j]	3,000,000	2,275,598	0	0	2,275,598	724,402		

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1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9m]	1,500,000	1,248,454	446,456	0	1,248,454	251,546		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9n]	1,000,000	0	0	0	0	1,000,000		
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	0	0	0	0	0	0		
64 - CN1300 JOB READINESS PROGRAM	1,060,000	956,145	0	0	956,145	103,855	61	
1.3.064.06.040.08 - CN1300 JOB READINESS PROGRAM	1,060,000	956,145	0	0	956,145	103,855		
67 - HILL INTERNATIONAL CONTRACT 156	3,031,391	2,848,817	0	0	2,848,817	182,574		
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1336]	920,426	920,426	0	0	920,426	0		
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1337]	533,148	533,148	0	0	533,148	0		
1.3.067.01.080.03 - HILL.CS156:HILL INTL. [1330]	127,261	127,261	0	0	127,261	0		
1.3.067.01.080.03 - HILL INTERNATIONAL CS156 AWP 2016 [68CPT5441340.CPT5441	883,631	883,631	0	0	883,631	(0)		
1.3.067.01.080.03 - HILL INTERNATIONAL CS156 AWP 2017 [68CPT5441346.CPT5441	566,925	384,352	0	0	384,352	182,573		
69 - BAYLAND SOIL PROCESS CONTRACT 175	500,000	255,144	0	0	255,144	244,856	62	
1.3.069.06.040.01 - BAYLAND.CS175:BAYLAND SOIL PROCESS [133K]	500,000	255,144	0	0	255,144	244,856		
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	2,158,846	2,215,889	0	0	2,215,889	(57,043)		
1.3.071.01.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1232]	0	(87,201)	0	0	(87,201)	87,201	63	
1.3.071.02.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1332]	2,158,846	2,303,091	0	0	2,303,091	(144,245)		
72 - STATIONS - CONTRACT # CONTRACT 155-2	23,137,580	24,150,348	316,217	338,728	24,489,076	(1,351,496)		
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	51,351	61,130	0	0	61,130	(9,779)	64	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	23,086,229	24,089,218	316,217	338,728	24,427,946	(1,341,717)		
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	7,988,979	7,434,058	-22,690	542,027	7,976,085	12,894		
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]	7,898,979	7,344,268	(22,690)	542,027	7,886,294	12,685		
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	20,669,081	20,669,081	0	0	20,669,081	(0)	65	
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	10,202,543	10,202,543	0	0	10,202,543	(0)		
1.3.082.08.040.03 - UR2.CONTRACT 1251:SITWORK:HAZMAT	172,712	172,712	0	0	172,712	0		
1.3.082.08.040.05 - UR2.CONTRACT 1251:SITWORK: STRUCTU	2,706,431	2,706,431	0	0	2,706,431	0		
1.3.082.08.040.06 - UR2.CONTRACT 1251:SITWORK:PEDESTRA	319,317	319,317	0	0	319,317	0		
1.3.082.08.040.07 - UR2.CONTRACT 1251:SITWORK:AUTO/BUS	190,362	190,362	0	0	190,362	0		
1.3.082.08.040.08 - UR2.CONTRACT 1251:SITWORK:TEMP FAC	6,325,476	6,325,476	0	0	6,325,476	0		
GUIDEWAY TUNNELS TOTAL	233,511,253	233,511,253	0	0	233,511,253	0		
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	233,584,015	0	0	233,584,015	0	66	
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	105,423,090	0	0	105,423,090	0		
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	10,895,000	0	0	10,895,000	0		

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1.3.083.02.040.03 - CONTRACT 1252:SITWORK:HAZMAT&MITIGAT	200,000	200,000	0	0	200,000	0		
1.3.083.02.040.04 - CONTRACT 1252:SITWORK:ENVIRON. MITIG	300,000	300,000	0	0	300,000	0		
1.3.083.02.040.06 - CONTRACT 1252:SITWORK:PED/BIKE ACCES	50,000	50,000	0	0	50,000	0		
1.3.083.02.040.07 - CONTRACT 1252:SITWORK:AUTO/BUS ACCES	1,345,000	1,345,000	0	0	1,345,000	0		
1.3.083.02.040.08 - CONTRACT 1252:SITWORK:TEMP FACILITIE	30,799,500	30,799,500	0	0	30,799,500	0		
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs	(72,762)	(72,762)	0	0	(72,762)	0	67	
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	1,810,094	1,810,094	0	0	1,810,094	0		
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	1,035,588	0	0	1,035,588	(0)		
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	(4,488,326)	(4,488,326)	0	0	(4,488,326)	0		
1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CONTING	0	0	0	0	0	0	68	
CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL	1,122,009,291	1,114,236,997	3,891,578	3,147,196	1,117,384,192	4,625,099	69	
84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAGE 1253	294,030,590	290,846,411	(114,606)	75,567	290,921,978	3,108,612	21	
1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	253,081,452	252,031,483	65,279	27,813	252,059,296	1,022,156		
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,465,694	9,302,388	119,192	0	9,302,388	163,306		
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	6,071,588	6,071,588	0	0	6,071,588	0		
1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	4,360,395	4,360,395	0	0	4,360,395	0		
1.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS	550,000	6,936	(321,410)	0	6,936	543,064		
1.3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA	244,500	194,500	0	0	194,500	50,000		
1.3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE	18,969	18,969	0	0	18,969	0		
1.3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE	1,158,410	1,053,009	0	2,901	1,055,910	102,500		
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	11,139,701	9,905,756	(37,517)	0	9,905,756	1,233,945		
1.3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND	4,773,076	4,773,076	0	0	4,773,076	0		
1.3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL	1,815,534	1,772,784	41,500	42,750	1,815,534	0		
1.3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR	216,957	195,616	500	0	195,616	21,341		
1.3.084.03.050.05 - UMS.1253: COMMUNICATIONS	1,134,314	1,159,911	17,850	2,103	1,162,014	(27,700)		
84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODs	20,744,337	20,744,337	0	0	20,744,337	0		
1.3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATION	1,832,330	1,832,330	0	0	1,832,330	0		
1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALATORS	490,000	490,000	0	0	490,000	0		
1.3.084.84.040.01 - CMOD:UMS.1253: DEMOLITION CLEARING	944,987	944,987	0	0	944,987	0		
1.3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL	3,270,038	3,270,038	0	0	3,270,038	0		
1.3.084.84.040.03 - CMOD:UMS.1253: HAZARDOUS MATERIALS	349,730	349,730	0	0	349,730	0		
1.3.084.84.040.07 - CMOD:UMS.1253: AUTOMOBILE BUS ACCE	0	0	0	0	0	0	69a	
1.3.084.84.040.08 - CMOD:UMS.1253: TEMPORARY FACILITIES	13,809,103	13,809,103	0	0	13,809,103	0		
1.3.084.84.050.05 - CMOD:UMS.1253: COMMUNICATIONS	48,149	48,149	0	0	48,149	0		
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING	(744,337)	0	0	0	0	(744,337)	41	
85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254	247,567,810	240,447,312	(610,215)	503,974	240,951,286	6,616,524		
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND TUNNEL	76,417,579	76,417,579	0	0	76,417,579	0		
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	133,001,053	127,187,178	(356,322)	486,313	127,673,491	5,327,563		
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,812,856	6,529,194	15,000	0	6,529,194	283,662		
1.3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING	400,000	400,000	0	0	400,000	0		

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1.3.085.04.040.02 - CTS.1254: SITE UTILITIES UTIL	6,001,718	6,001,718	0	0	6,001,718	0		
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	350,000	47,389	(302,611)	0	47,389	302,611		
1.3.085.04.040.04 - CTS.1254: ENVIRONMENTAL MITIGA	325,665	28,951	(199,047)	0	28,951	296,714		
1.3.085.04.040.06 - CTS.1254: PEDESTRIAN/BIKE	15,000	15,000	0	0	15,000	0		
1.3.085.04.040.07 - CTS.1254: AUTOMOBILE BUS ACCE	225,677	225,676	0	0	225,676	1		
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	16,571,322	16,116,322	0	0	16,116,322	455,000		
1.3.085.04.050.02 - CTS.1254: TRAFFIC SIGNALS AND	1,599,593	1,667,756	2,500	0	1,667,756	(68,163)		
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,063,927	4,063,927	63,125	0	4,063,927	0		
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTRIBUTION	124,481	114,481	19,991	0	114,481	10,000		
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	1,658,938	1,632,141	147,149	17,661	1,649,802	9,136		
85 - CHINATOWN STATION (CTS) CMODs	156,181,923	146,311,646	0	0	146,311,646	9,870,277	71	
1.3.085.85.020.03 - CMOD:CTS.1254: UNDERGROUND STATION	1,201,478	1,126,478	0	0	1,126,478	75,000		
1.3.085.85.020.04 - CMOD:CTS.1254: OTHER STATIONS, LANDING, TERMINALS: INTERMODAL, FERRY, TROLLEY, ETC	9,360,183	0	0	0	0	9,360,183		
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	4,022,598	3,996,251	0	0	3,996,251	26,347		
1.3.085.85.040.03 - CMOD:CTS.1254: HAZARDOUS MATERIALS	3,895,399	3,895,399	0	0	3,895,399	0		
1.3.085.85.040.08 - CMOD:CTS.1254: TEMPORARY FACILITIES	137,546,308	137,145,306	0	0	137,145,306	401,002		
1.3.085.85.050.05 - CMOD:CTS.1254: COMMUNICATIONS	0	0	0	0	0	0	71a	
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	(11,502,535)	0	0	0	0	(11,502,535)	72	
86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255	158,089,000	155,794,128	(411,248)	81,871	155,875,999	2,213,001		
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	118,405,840	118,187,536	43,608	58,121	118,245,657	160,183		
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,333,287	5,256,110	71,660	0	5,256,110	77,177		
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	7,163,278	0	0	7,163,278	0		
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,629,439	1,870,500	(190,250)	0	1,870,500	758,939	73	
1.3.086.05.040.04 - YBM.1255: ENVIRONMENTAL MITIGA	100,000	0	(100,000)	0	0	100,000		
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	1,542,725	0	0	1,542,725	0		
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,564,753	14,749,716	(281,891)	0	14,749,716	815,037		
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	1,726,492	1,726,492	0	0	1,726,492	0		
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,708,425	3,399,675	45,625	23,750	3,423,425	285,000		
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	1,241,096	1,241,095	0	0	1,241,095	1		
86 - YERBA BUENA MOSCONE STATION (YBM) CMODs	4,889,959	4,479,432	0	0	4,479,432	410,527		
1.3.086.86.020.03 - CMOD:YBM.1255: UNDERGROUND STATION	466,470	466,470	0	0	466,470	0		
1.3.086.86.020.07 - CMOD:YBM.1255: ELEVATORS ESCALATOR	210,055	210,055	0	0	210,055	0		
1.3.086.86.040.01 - CMOD:YBM.1255: DEMOLITION CLEARING	266,386	266,386	0	0	266,386	0	73	
1.3.086.86.040.02 - CMOD:YBM.1255: SITE UTILITIES UTIL	3,570,282	3,159,755	0	0	3,159,755	410,527		
1.3.086.86.040.03 - CMOD:YBM.1255: HAZARDOUS MATERIALS	150,828	150,828	0	0	150,828	0		
1.3.086.86.040.04 - CMOD:YBM.1255: ENVIRONMENTAL MITIGA	102,734	102,734	0	0	102,734	0		
1.3.086.86.040.06 - CMOD:YBM.1255: PEDESTRIAN/BIKE	35,489	35,489	0	0	35,489	0		
1.3.086.86.040.08 - CMOD:YBM.1255: TEMPORARY FACILITIES	87,715	87,715	0	0	87,715	0		
1.3.086.86.050.05 - CMOD:YBM.1255: COMMUNICATIONS		0	0	0	0	0	73a	

[A] Cost Account Description	[B] May 2021 Budget (YOE)	ACTUAL COSTS					[G] VARIANCE (B - F)	COST REPORT NOTES
		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total			
1.3.086.96.020.03 - YBM.1255: AC: ALLOC CONTING	10,110,042	0	0	0	0	10,110,042	74	
87 - SURFACE TRACKWORK AND SYSTEMS -WORK PACKAGE 1256	139,989,000	120,130,997	4,731,647	2,656,186	122,787,184	17,201,816		
1.3.087.09.010.02 - STS.1256: GUIDEWAY: AT-GRADE SEMI-EXCLUSIVE (ALLOWS C	2,860,000	2,860,000	0	0	2,860,000	0		
1.3.087.09.010.06 - STS.1256: GUIDEWAY: UNDERGROUND CUT & CVR	9,257,731	9,247,731	291,588	0	9,247,731	10,000		
1.3.087.09.010.07 - STS.1256: GUIDEWAY: UNDERGROUN	16,723,552	16,625,952	83,000	500	16,626,452	97,100		
1.3.087.09.010.09 - STS.1256: TRACK DIRECT FIXATION	6,761,089	6,756,657	0	0	6,756,657	4,432		
1.3.087.09.010.12 - STS.1256: TRACK: SPECIAL	4,449,637	4,449,637	0	0	4,449,637	0		
1.3.087.09.020.01 - STS.1256: AT-GRADE STATION	7,602,857	6,968,166	16,851	14,000	6,982,166	620,691		
1.3.087.09.040.02 - STS.1256: SITE UTILITIES, UTILITY RELOCA	17,464,046	14,734,940	34,788	0	14,734,940	2,729,106		
1.3.087.09.040.03 - STS.1256: HAZARDOUS MATERIALS	200,000	0	(100,000)	0	0	200,000	73	
1.3.087.09.040.04 - STS.1256: ENVIRONMENTAL MITIGATION	50,000	0	0	0	0	50,000	73	
1.3.087.09.040.07 - STS.1256: AUTOMOBILE BUS ACCE	2,116,925	2,116,924	0	0	2,116,924	1		
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	13,896,832	13,866,367	21,000	0	13,866,368	30,464		
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL AND SIGNALS	27,543,451	14,112,982	3,009,506	2,248,697	16,361,679	11,181,772		
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	4,463,368	3,798,419	0	0	3,798,419	664,949		
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	9,889,014	9,702,982	0	29,013	9,731,995	157,019		
1.3.087.09.050.04 - STS.1256: TRACTION POWER DISTRIBUTION	6,099,675	5,147,610	97,922	135,532	5,283,142	816,533		
1.3.087.09.050.05 - STS.1256: COMMUNICATIONS	7,996,237	7,449,408	713,732	95,703	7,545,111	451,126		
1.3.087.09.050.07 - STS.1256: CENTRAL CONTROL	2,614,586	2,293,222	563,260	132,741	2,425,963	188,623		
87 - SURFACE TRACKWORK AND SYSTEMS (STS) CMODs	121,805,969	135,482,733	296,000	(170,403)	135,312,331	(13,506,361)		
1.3.087.89.020.03 - CMOD:STS.1256: UNDERGROUND STATION	(4,876,785)	(4,876,785)	0	0	(4,876,785)	0		
1.3.087.89.040.01 - CMOD:STS.1256: DEMOLITION, CLEARING, EARTHWORK	399,000	399,000	0	0	399,000	0		
1.3.087.89.040.02 - CMOD:STS.1256: SITE UTILITIES, UTILITY RELOCA	1,482,322	1,472,227	0	0	1,472,227	10,095		
1.3.087.89.040.03 - CMOD:STS.1256: HAZARDOUS MATERIALS	18,221	18,221	0	0	18,221	0		
1.3.087.89.040.07 - CMOD:STS.1256: AUTOMOBILE BUS ACCE	0	0	0	0	0	0		
1.3.087.89.040.08 - CMOD:STS.1256: TEMPORARY FACILITIES	124,730,194	120,427,479	296,000	(170,403)	120,257,076	4,473,118	74a	
1.3.087.89.050.01 - CMOD:STS.1256: TRAIN CONTROL	(17,776,769)	235,232	0	0	235,232	(18,012,001)		
1.3.087.89.050.02 - CMOD:STS.1256: TRAFFIC SIGNALS AND	242,427	220,000	0	0	220,000	22,427		
1.3.087.89.050.05 - CMOD:STS.1256: COMMUNICATIONS	17,587,360	17,587,360	0	0	17,587,360	0		
1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	(19,152,467)	0	0	0	0	(19,152,467)	75	
88 - STATIONS CONTRACT 1300	2,435,063	2,256,693	399,832	315,342	2,572,035	(136,972)		
1.3.088.06.080.04 - CN1300 CONSTRUCTION TRAILER [68CPT5441316.CPT5441316]	80,000	0	0	0	0	80,000		
1.3.088.06.080.04 - DT-CN1300 COMMUNICATIONS INSTALL [68CPT5441317.CPT544	1,430,594	1,492,201	852,003	314,297	1,806,498	(375,904)		
1.3.088.06.080.04 - MTA Communications - Business Liaison to support CN1300 CON[68C	420,000	336,543	(145,848)	1,045	337,587	82,413		
1.3.088.06.080.04 - IT-CN1300 Installation [68CPT5441319.CPT5441319]	448,371	382,655	71,672	0	382,655	65,716		
1.3.088.06.080.04 - CN1300 Installation Maintenance [68CPT5441320.CPT5441320]	25,000	4,659	(377,996)	0	4,659	20,341		
1.3.088.06.080.04 - DT Support - Stations [68CPT544135.CPT5441325]	31,098	40,635	0	0	40,635	(9,537)		
141 - CONSTRUCTION ADMINISTRATION	0	0	0	0	0	0		
1.3.141.97.080.04 - CONSTR.ADMIN:ALLOC CONTING	0	0	0	0	0	0	75a	
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	4,060	(599)	25,450	29,510	8,270,819		
1.3.144.01.080.08 - STRT: STARTUP (SFMTA Transit)	6,941,907	4,060	(599)	25,450	29,510	6,912,397		

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1.3.144.97.080.08 - STRTA: AC STARTUP ALLOC CONTIN	1,358,422	0			0	1,358,422		
151 - TEMPORARY LICENSE AGREEMENT	17,000	0	0	0	0	17,000		
1.3.151.01.080.06 - TEMP.LICPORARY LICENSE AGREEME	17,000	0	0	0	0	17,000		
170 - COMMUNICATIONS CONNECTIONS	10,599,579	2,899,593	0	0	2,899,593	7,699,986		
1.3.170.01.050.04 - COMM.CONNN:COMMUNICATION CONN	5,757,629	0	0	0	0	5,757,629		
1.3.170.01.050.05 - CSP Radio Design	641,950	641,950	0	0	641,950	0		
1.3.170.01.050.05 - CSP Radio Cable	377,788	337,643	0	0	337,643	40,145		
1.3.170.01.050.05 - CSP Radio Procurement	3,822,212	1,920,000	0	0	1,920,000	1,902,212		
181 - AON RISK INSURANCE CS 163	26,803,757	26,792,944	0	0	26,792,944	10,813		
1.3.181.01.040.08 - AON.CS163 AON RISK INS.	26,778,757	26,767,944	0	0	26,767,944	10,813		
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	366,130	0	0	366,130	5,033,871		
1.3.191.01.050.06 - FARE.CONSUM:FARE COLLECTION	5,400,000	366,130	0	0	366,130	5,033,871		
192 - THALES T&S CENTRAL CONTROL	28,921,326	13,000,389	1,000,000	0	13,000,389	15,920,937		
1.3.192.01.050.01 - THALES T&S ATCS	487,972	106,179	0	0	106,179	381,793		
1.3.192.01.050.01 - CN1266-2 Advanced Train Control System (ATCS) - Implementation	25,007,930	9,777,579	1,000,000	0	9,777,579	15,230,351		
1.3.192.01.050.01 - CN1266-1 Advanced Train Control System (ATCS) - Equipment	3,425,424	3,116,632	0	0	3,116,632	308,792		
202 - JOC2-022.0	63,938	0	0	0	0	63,938		
1.3.202.01.040.02 - JOC2-022:15&22 POTHOLING UTILI LGHT FNDS	63,938	0	0	0	0	63,938		
203 - JOC2-029.0	53,317	0	0	0	0	53,317		
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	53,317		
302 - PG&E	1,988,173	3,874,699	0	0	3,874,699	(1,886,526)		
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	1,305,477	0	0	1,305,477	1,654,349		
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	2,569,222	0	0	2,569,222	556,000		
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	476,611	0	0	476,611	474,745		
1.3.331.01.080.04 - CM:SFMTA LABOR-ENG SVCS-IRP/BART/SF	50,000	33,152	0	0	33,152	16,848		
1.3.331.01.080.06 - CM: BAY AREA RAPID TRANSIT (BART) [122A]	901,356	443,459	0	0	443,459	457,897		
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		
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	475,136	0	0	475,136	224,864		
1.3.334.01.050.06 - BART:BART FARE COLLECTION EQP	700,000	475,136	0	0	475,136	224,864		
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	250,534	0	0	250,534	(8,163)		
1.3.402.07.050.04 - DT:1UTL:COMM. CONNECTIONS	166,756	179,179	0	0	179,179	(12,423)		
1.3.402.08.050.04 - DT:2UTL:COMM.CONNECTIONS	75,615	71,354	0	0	71,354	4,261		

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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	0	0	(254,050)	76	
1.3.491.03.040.02 - FORMB - UMS:CONTRACT 1300 UTILITY REIMBURSEMENT	(528,370)	0	0	0	0	(528,370)	77	
1.3.491.04.040.02 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEMENT	(451,703)	0	0	0	0	(451,703)	78	
1.3.491.05.040.02 - FORMB - YBM:CONTRACT 1300 UTILITY REIMBURSEMENT	(100,000)	0	0	0	0	(100,000)	79	
1.3.491.06.040.02 - FORMB - CONTRACT 1300 UTILITY REIMBUR	0	0	0	0	0	0	80	
1.3.491.07.040.02 - FORMB - CONTRACT 1250 UTILITY REIMBUR	(2,275,419)	0	0	0	0	(2,275,419)	81	
1.3.491.08.040.02 - FORMB - CONTRACT 1251 UTILITY REIMBUR	(7,618,412)	0	0	0	0	(7,618,412)	82	
1.3.491.09.040.02 - FORMB - STS:CONTRACT 1300 UTILITY REIMBURSEMENT	(1,000,000)	0	0	0	0	(1,000,000)	83	
TOTAL CONSTRUCTION PHASE	1,670,593,427	1,625,681,499	10,402,829	5,588,069	1,631,269,568	39,323,859		
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]	828,009	828,009	0	0	828,009	(0)		
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	9,821,991	9,781,465	0	0	9,781,465	40,526		
1.4.091.97.070.01 - LRVA:AC: VEHICLES ALLOC CONTI	0	0	0	0	0	0	26	
TOTAL VEHICLES	12,000,000	11,929,247	0	0	11,929,247	70,753		
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	15,955,138	14,224,616	0	0	14,224,616	1,730,522		
1.5.015.01.060.01 - RE: REAL ESTATE	766,272	766,272	0	0	766,272	0		
1.5.015.01.060.01 - RE: REC & PARK MOU	6,987,624	7,042,824	55,200	14,575	7,057,399	(69,775)		
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		
1.5.023.01.060.01 - ATTY:REAL ES	2,764,872	2,764,872	0	0	2,764,872	0		
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	32,140,418	30,598,265	55,200	14,575	30,612,840	1,527,578		
90 - CONTINGENCY		0	0	0	0	801,869		
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	801,869					801,869	84	
TOTAL ALLOCATED CONTINGENCY						0		
TOTAL PROJECT COST	1,877,153,762	1,828,785,137	10,458,029	5,602,645	1,834,387,781	42,765,980		

Connecting people. Connecting communities.

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 above YBM Station.
17	SFWD funded Contract Modification #60 for 8' water line at the intersection of Fourth and Jessie Street which are reimbursements for work carried out in Contract 1252.
17a	The Chinatown Plaza (CPT 718) is used for Chinatown Station enhancement. The project has funding outside of the Central Subway Project. The construction is carried out in Contract 1300 Contract Modifications. CMOD#123 is being partially funded by CPT718 funding.

7.4 Contingency Management Trend Report	
18	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.
19	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.
20	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. In March 2018 report, increased Contract 1252 contingency by \$131,715 cost to reflect certification of two CMODS.
21	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. In March 2019, \$18,036,709 was taken out of original contract of \$879,676,400 due to ATCS no longer being done by Tutor hence new revised budget of \$861,639,691. In August 2019, used new methodology to report on the potential changes to our contract cost. See backup via SCC codes. The budget number in cell m14 has also been updated to reflect the true cost.
22	In March 2016 Report, lowered Contract 1300 Stations CTS contingency by \$75,000 because Contract Modification #6 was funded by Project CPT718. In Nov 2016 report, reversed moving contingency.
23	In December 2017 Report, \$1,060,000 Job Readiness Budget is shown as an approved change in Column "b". In March 2019 report, \$18,036,709 taken out of Tutor contract (STS package) and put into unallocated contingency. We then used the same amount from unallocated contingency, \$18,036,709 and moved to its own line for the ATCS (advanced train control system) contract. As of March 2019, Tutor has not given us credit for the \$18,036,709 that is still sitting on the STS AL-14 bid item. That bid item should not be \$25M but instead be \$7,054,078 to reflect amount we have previously paid out. We will continue to monitor the STS-AL bid item to make sure Tutor corrects the amount. In August 2019, we are showing the \$4,841,950 from unallocated program contingency being moved to SCC 50 Systems category.
24	In December 2017 Report, there is a change in Column "f" and Column "h" to reflect reporting to include CN1250 and CN1251. Prior to this, Column "f" and Column "h" reporting excluded CN1250 and CN1251.

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25	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 cost book ROW budget & contingency to be \$37,511,799. The \$4,265,478 Caltrans lease savings is allocated to ROW allocated contingency. In February 2017, released \$5,265,478 from completed phase Real Estate assigned contingency to program unallocated contingency. In September 2020, re-programmed, re-aligned and re-adjusted the allocated STS contingency to increase by \$22,708,106 due to funding received.
26	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. In Dec 2018 Report, increased LRV budget by \$3,491,000 to reflect final costs of vehicles (\$4,200,000/unit) for vehicle procurement contract to \$16,800,000. Reduced LRV contract and transferred the \$9,585,653 from LRV contingency to unprogrammed contingency.
26a	In July 2018 Report, increased SCC 80 Professional Services category budget by \$2,263,498 due to additional costs related to CN1300 stations; cost was transferred from program unallocated contingency. In August 2019 report, we are realigned and adjusted the allocated contingency for Professional Services and moved to approved changes column.
27	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 Cogency. "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 added to program's unallocated contingency. In August 2016 Report, used \$15M to UMS contingency and \$5M to CTS contingency. In February 2017, increased \$5,265,478 from real estate contingency to program unallocated contingency and used \$1M for CN1300 Job Readiness Program contract. In July 2018 report, used \$2,263,498 to increase SCC 80 Professional Services category regarding matters related to stations from program unallocated contingency. In August 2019 report, used \$4,841,950 to increased SCC 50 Systems category regarding matters related to CSP Radio from program unallocated contingency.
28	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. In September 2020, the project budget increased from \$1.578 billion to \$1.601 billion due to additional funding. In October 2020, the project budget increased from \$1.601 billion to \$1.665 billion due to additional funding. In January 2021, the project budget increased from \$1.665 billion to \$1.691 billion due to additional funding. In February 2021, the project budget increased from \$1.691 billion to \$1.698 billion due to additional funding. In March 2021, the project budget increased from \$1.698 billion to \$1.806 billion due to additional funding. In April 2021, the project budget increased from \$1.806 billion to \$1.877 billion due to additional funding.
29	Estimate at Completion is shown at Column "e".
30	Estimate at Completion vs. Budget variance is shown at Column "k".
7.5 Contract Modification/Trend Log - Contract 1300 Stations	
31	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. In May 2017, updated probability formula and adjusted cost.

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7.6 Budget Revisions: Report Sorted by Construction Packages	
32	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. In March 2018 Report, increased CN1252 allocated contingency by \$131,715 to execute two contract modifications (#61 and #62), see Report 7.5 Detail Contingency Usage Report. In December 2018 Report, released CN1252 allocated contingency of \$966,431 to program unallocated contingency.
33	In February 2017 report, initiated budget from program unallocated contingencies for CN1300 Job Readiness Program. CN1300 Job Readiness Program budget was part of CN1300 base value, a deduction contract modification will lower CN1300 contract value.
34	In April 2015, initiated budget from program unallocated contingencies for CS-175 Bayland Soil Process contract, refer to Note 20.
34a	In March 2019, initiated transfer due to budget being withdrawn from Tutor contract (STS package) to fund the Advanced Train Control System contract amount of \$18,036,709. CN1266-2 Advanced Train Control System (ATCS) Implementation for \$14,611,285 and CN1266-1 Advanced Train Control System (ATCS) Equipment for \$3,425,424.
34b	In December 2018, initiated budget from program unallocated contingencies for AON Risk Insurance, refer to Note 20.
35	In February 2017, released completed phase real estate assigned contingency \$5,265,478 to program unallocated contingency.
36	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. In December 2018 Report, adjusted budget from \$13,309,000 to \$16,800,000 from allocated contingency. Took the remaining allocated contingency of \$9,585,653 and moved it to program unallocated contingency. In January 2021, reduced the LRV budget by \$4.8M and moved to CN1300 STS contingency. The adjusted budget for LRV went from \$16.8M to \$12M.
36a	In August 2019 Report, utilized the contingency of \$16,862,657 from 80.03 Project Management budget and 80.04 Construction Management budget and redistributed funds to align with AECOM budget to reflect true costs plus additional \$12,000,000 in 2019 annual work plan.

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37	<p>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. In February 2017 report, initiated budget from program unallocated contingencies for CN1300 Job Readiness Program. CN1300 Job Readiness Program budget was part of CN1300 base value, a deduction contract modification will lower CN1300 contract value. Also released \$5,265,478 assigned real estate contingency to program unallocated contingency. In June 2017, initiated budget from Contract 1251's contract value (true final administrative close out cost) to program unallocated contingency, a deduction contract modification that lowered CN1251's contract value by \$125,501. In March 2018 report, 1252 program contingency increased by \$131,715 due to execution of two contract modifications as credit offsets. In July 2018, increased SCC category Professional Services in 80.04 Construction Management by \$2,263,498 by reducing program unallocated contingency. In August 2019, increased SCC category Other Construction in 50.05 CSP Radio by \$4,841,950 by reducing program unallocated contingency.</p>
38	<p>In April 2015 report, program contingency decreased by \$500,000. 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 February 2017 report, initiated budget from program unallocated contingencies for CN1300 Job Readiness Program. CN1300 Job Readiness Program budget was part of CN1300 base value, a deduction contract modification will lower CN1300 contract value. Also released \$5,265,478 assigned real estate contingency to program unallocated contingency. In July 2017, increased program unallocated contingency by \$125,501 due to CN1251's revised contract value. In July 2018, reduced program unallocated contingency by \$2,263,498 to fund additional costs for SCC category Professional Services in 80.04 Construction Management. In December 2018, reallocated CN1252 budget of 2,402,247 (due to closeout cmod reduction of 1,435,816 and contingency release of 966,430) and LRV budget contingency of 9,585,653 and released a total of 11,987,900 to unprogrammed contingency. In August 2019, reduced program contingency by \$4,841,950 to fund additional costs for SCC category Other Construction in 50.05 to fund CSP Radio related services. In August 2020, used \$5.25M of unprogrammed contingency to fund AECOM 2020 AWP \$4.5M and AECOM 2020 ODC \$750K. In October 2020, added \$20,265,846 to unprogrammed contingency. In January 2021, moved \$200K from unprogrammed contingency to CN1300 STS contingency.</p>

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7.7 Budget Expenditures by SCC Codes	
39	<p>In March 2017, added new columns for "Supplemental 2013 Budget" and "Remaining Budget". In April, added new column for "Contingency". In May 2017, added new column for "Report Note". In May 2017, breakdown the combined SCC codes 10 to 50 into individual row for 10, 20, 40, 50 categories. Assigned SCC code to all CN1300 potential changes. Contract 1300 Station assigned contingency SCC are 20.01 and 20.03. The budget transfer is using assigned contingency to process contract modifications. In June 2017, adjusted and realigned SCC codes. In July 2018, the budget transfer is using SCC 90 program unallocated contingency to process an increase in budget for category SCC 80.03-90.04 PM For Design & Construction. In March 2019, added \$18,036,709 from taking out the ATCS from Tutor contract. The budget transfer was used to create a stand alone line for ATCS work in 50.01 under Thales. In August 2020, used \$5.25M of unprogrammed contingency to create AECOM 2020 AWP \$4.5M and AECOM 2020 ODC \$750K. In October 2020, used \$32M of unprogrammed contingency to increase the contingencies for CN1300 CTS, YBM and STS station; increased AECOM 2020 AWP & ODC by \$6M; increased CS 155.2 by \$3,728,919 and added \$20,265,846 to unprogrammed contingency. In January 2021, received \$26M funding and increased the contingency for CN1300 STS station; lowered the LRV budget by \$4.8M and reduced the unprogrammed programmed contingency by \$200K and transferred the \$5M to increased the contingency for CN1300 STS. In February 2021, received \$6.6M funding and increased contingency for CN1300 STS station. In March 2021, received \$108,266,568 funding and increased budget for ATCS by \$1M, contingency for CN1300 CTS station by \$93,961,494, fully funded CSDG by \$3,556,243, fully funded HNTB by \$3,160,710, AECOM 2020 AWP by \$2,588,121 and AECOM 2021 AWP by \$3M and ODC by \$1M. In April 2021, received \$71,600,000 funding and increased budget for ATCS by \$8.5M, PM \$1M, CM \$1M, \$29.1M to CTS contingency and \$32M to STS contingency.</p>
7.9 Detail Monthly Expenditure Report	
Phase 1 Preliminary Engineering	
40	<p>In February 2017, line item budget was adjusted to line-up expenditures. 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.</p>
Phase 2 Design Phase	
41	Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.
42	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.
43	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]
44	In December 2016 Report, Central Subway Project has re-activated CSA Audit Work Order to perform overhead audit for three consultant forms.
45	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]

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	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
46	Cost Transfer: Future costs to 1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]
47	AVA Cost \$395,204 is reported in Phase 2 Final Design 1.2.066.01.080.03
48	In January 2017 Report, remove variance amount of (\$920,555) that was incorrectly reported in August 2016.
	1.2.071.01.080.02 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]: FAMIS: \$5,608,147 Cost Report: \$5,469,336
49	Cost Transfer: \$138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]
	1.2.072.01.080.02 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]: FAMIS: \$26,268,511 COST REPORT: \$26,220,609
50	COST TRANSFER: \$47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]
	1.2.073.01.080.02 - FD:FINAL DESIGN-DP3 [35CPT5441236.CPT5441236]: FAMIS: \$11,502,372 COST REPORT: \$11,432,312
51	COST TRANSFER: \$70,060 to 1.3.073.01.080.04 - CM: DP3 [35CPT5441236.CPT5441236]
Phase 3 Construction Phase	
	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
52	Cost Transfer: any future costs to 1.3.021.01.080.03
53	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.
54	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.
55	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.
56	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.
57	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.
58	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.

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59	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
60	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]
61	In February 2017, transferred \$1,060,000 from programs unallocated contingency to initiate CN1300 JOB READINESS contracts, (cost account code 1.3.064.06.040.08). A deductive Construction Modification to CN1300 will process.
62	Used \$500K program contingency for CS-175 Bayland Soil Process contract. Refer to Report Notes #20.
63	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]
64	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]
65	Contract 1251 Final cost is \$20,794,582.
66	In March 2016, July 2016 and October 2016, contract 1252 modifications budget and actuals have been realigned and adjusted to reflect actuals costs.
67	In March 2016, July 2016 and October 2016, contract 1252 modifications budget and actuals have been realigned and adjusted to reflect actuals costs.
68	Revised Contract 1252 allocated contingency SCC code from 040.08 to 010.07.
69	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. In September 2020, received \$22,708,106 from local funds and added to CN1300 Station budget thus resulted it in being increased.
69a	In August 2020, based on Tutor's PP#82, there was a total of \$5,371,820 of costs that was not associated with bid item or cmod. Based on Tutor's spreadsheet, our CM team spread it across the four stations and attributed UMS with \$1,886,753 and having it sit in cost center 1.3.088.84.040.07.
70	Revised Contract 1300/UMS allocated contingency SCC code from 040.08 to 020.03.
71	In March 2016 Report, reduced Contract 1252 contingency by \$377,435 cost to reflect certification of five CMODS.
71a	In August 2020, based on Tutor's PP#82, there was a total of \$5,371,820 of costs that was not associated with bid item or cmod. Based on Tutor's spreadsheet, our CM team spread it across the four stations and attributed CTS with \$1,419,413 and having it sit in cost center 1.3.088.85.050.05.
72	Revised Contract 1300/CTS allocated contingency SCC code from 040.08 to 020.03.

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73	Negative Current or Prior Monthly expenditure is due to replenish allowance expenses by approved Contract Modifications.
73a	In August 2020, based on Tutor's PP#82, there was a total of \$5,371,820 of costs that was not associated with bid item or cmod. Based on Tutor's spreadsheet, our CM team spread it across the four stations and attributed YBM with \$1,090,286 and having it sit in cost center 1.3.088.86.050.05.
74	Revised Contract 1300/YBM allocated contingency SCC code from 040.08 to 020.03.
74a	In August 2020, based on Tutor's PP#82, there was a total of \$5,371,820 of costs that was not associated with bid item or cmod. Based on Tutor's spreadsheet, our CM team spread it across the four stations and attributed STS with \$975,368 and having it sit in cost center 1.3.088.89.040.07.
75	Revised Contract 1300/STS allocated contingency SCC code from 040.08 to 020.01.
75a	In August 2019 Report, reallocated and aligned SCC 80 Professional Services category budget by \$2,956,812 due to additional costs; cost was transferred from construction management allocated contingency.
76	Revised Form B Reimbursements SCC code from 900.01 to 040.02
77	Revised Form B Reimbursements SCC code from 900.01 to 040.02
78	Revised Form B Reimbursements SCC code from 900.01 to 040.02
79	Revised Form B Reimbursements SCC code from 900.01 to 040.02
80	Revised Form B Reimbursements SCC code from 900.01 to 040.02
81	Revised Form B Reimbursements SCC code from 900.01 to 040.02
82	Revised Form B Reimbursements SCC code from 900.01 to 040.02
83	Revised Form B Reimbursements SCC code from 900.01 to 040.02
84	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 February 2017, used \$1,060,000 for CN1300 Job Readiness Program from unallocated contingency, refer to Note 30. Also, released \$5,265,478 assigned real estate contingency to program unallocated contingency, refer to Note 27. In July 2018 report, used \$2,263,498 to fund SCC 80 Professional Services category regarding matters related to stations from program unallocated contingency. In December 2018, moved \$11,987,900 from CN1252 and LRV contingency to program unallocated contingency. In March 2019, added \$18,036,709 from taking out the ATCS from Tutor contract. The budget transfer was used to create a stand alone line for ATCS work in 50.01 under Thales. In August 2019, used \$4,841,950 from program unallocated contingency to create CSP Radio Design, CSP Radio Cable, and CSP Radio Procurement in SCC 50 Systems category. Waiting for a contract modification to readjust the borrowed contingency from unprogrammed contingency. In August 2020, used \$5.25M of unprogrammed contingency to create AECOM 2020 AWP \$4.5M and AECOM 2020 ODC \$750K. In September 2020, received \$22,708,106 in funding from local funds and re-aligned the allocated contingency so that it would decrease from \$76M in Aug to \$53M in Sep. In October 2020, used \$32M of unprogrammed contingency to increase the contingencies for CN1300 CTS, YBM and STS station; increased AECOM 2020 AWP & ODC by \$6M; increased CS 155.2 by \$3,728,919 and added \$20,265,846 to unprogrammed contingency. In November 2020, used \$13,000,000 from unprogrammed contingency to increase STS station contingency; increased a1266-2 atcs implementation budget by \$896,645 due to cmods 2 and 3; realigned the budgets for project management, construction management; added additional \$2M for CS 149 AWP and ODC; thus unprogrammed contingency was reduced by \$20,896,645.

Appendix B

DETAIL SCHEDULE REPORTS

SCHEDULE HIGHLIGHTS

The Master Project Schedule (MPS) below includes progress through May 2021. The May 2021 Schedule Update submittal from Contract 1300 Contractor was not submitted as the CN1300 Contractor has not provided the updated corrections to their June 2017, through July 2018 Schedule Updates. The Contract 1300 schedule represented in this report is based on the SFMTA May 2021 Schedule Update.

The MPS shows a forecast Revenue Service Date of Spring 2022 based on a revised assessment of the overall schedule and the current project conditions related to work efficiency due to COVID. The revised Revenue Service Date of Spring 2022 has been shared with our funding partners and a revised request to extend the Full Funding Grant Agreement with the revised date has been submitted to Federal Transit Administration (FTA) for approval. The project continues to evaluate this date with potential impact from COVID restrictions. The schedule team is assessing the risk with these issues and identifying potential mitigation to reduce the risk to the overall schedule.

Currently we are experiencing day-to-day delays caused by TPC's electrical work in the tunnel impacted by lack of resources. These issues have impacted TPC's Substantial Completion date, we have mitigated the delay by accelerating rail activation activities. TPC and SFMTA are working to reach scope and cost agreements for these contract modifications as TPC refuses to commence work without an approved Contract Modification. The controlling critical (longest) path of the MPS runs through the electrical activities within the tunnel which are impacting the TPC's Startup and Testing and subsequently the rail activation process. The latest schedule shows the longest path running through the Surface, Tracks and Systems (STS).

SFMTA continues to meet with Contractor to discuss all schedule concerns and comments. TPC has not been able to correctly staff the project which could potentially delay the project. In order to achieve the Baseline work productivity, TPC needs to increase the number of crews assigned to electrical work, allowing concurrent work within the tunnel and stations in order to make this completion date possible. It also requires that the front-end portion of ATCS Startup and Testing is performed concurrently with TPC's Startup and Testing followed by ATCS software testing in coordination with SFMTA Operations.

Contract 1300 Contractor submitted fifty-four (54) Schedule Updates from December 2014 to July 2019. SFMTA rejected twenty-eight (28) Schedule Updates from January 2016 to April 2016 and June 2016 to July 2018 due to multiple and repetitive issues that vary from incorrect working sequences to unrealistic forecasted completion dates to artificially steering the schedule longest path through certain portions of the project. SFMTA approved as noted December 2014 through December 2015, and May 2016 Schedule Updates. Contractor has been directed to provide a Revised Schedule as required by the overall settlement agreement to maintain the forecasted project completion.

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 May 2021 schedule is used within the May Report. The SFMTA Contract 1300 May 2021 schedule is based on the approved baseline schedule logic with adjustments made as mentioned above. The SFMTA will

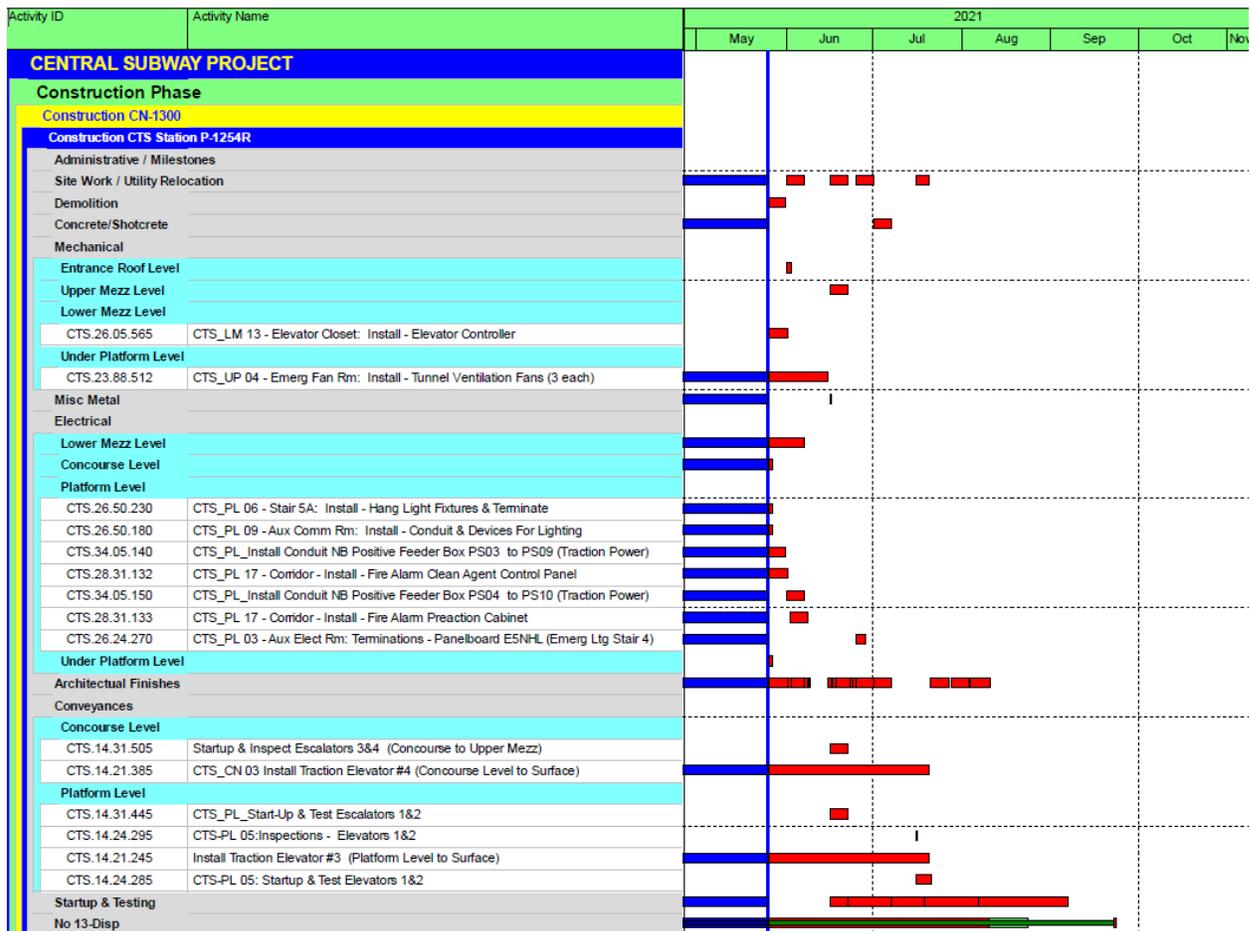
continue to use the SFMTA Contract 1300 schedule update as a forecasting tool going forward until the Contract 1300 Contractor submits an acceptable schedule that addresses all SFMTA's scheduling concerns.

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

- Continued installing plumbing at Plaza level
- Began testing Elevators 1 & 2
- Completed installing Elevators 3 and 4
- Began testing Elevators 3 & 4
- Continued installing GFRC panels at Plaza level
- Completed testing board and panels, transformers, and lighting
- Completed installing GFRC panels along the Northern exterior wall
- Continued trouble shooting Traction Power and Train Control components
- Continued Power and Lighting testing
- Completed Fire Alarm and PA system testing
- Continued Security System testing
- Completed testing circuit breakers
- Completed testing for FSS SCADA soft point
- Completed traction power conduit installation
- Continue electrical deluge system control wiring
- Continued street work (minor), ongoing monitoring and surveying

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

- Complete installing plumbing at Plaza level
- Complete testing Elevators 3 and 4
- Begin testing Escalators 1, 2, 3, 4, 5, & 6
- Complete installing GFRC panels at Plaza level
- Begin installing Train Platform Kiosks
- Begin installing Kiosks at Concourse Ticketing Hall
- Continue Security System testing.
- Continue testing electrical and mechanical components testing
- Continue commissioning electrical and mechanical systems
- Continue construction of Station Agent Booth
- Begin installing handrails for ramp and stairs at Plaza
- Complete construction of PCC 50 Chinatown Plaza
- Completed testing deluge piping system
- Continue street work (minor), ongoing monitoring and surveying



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

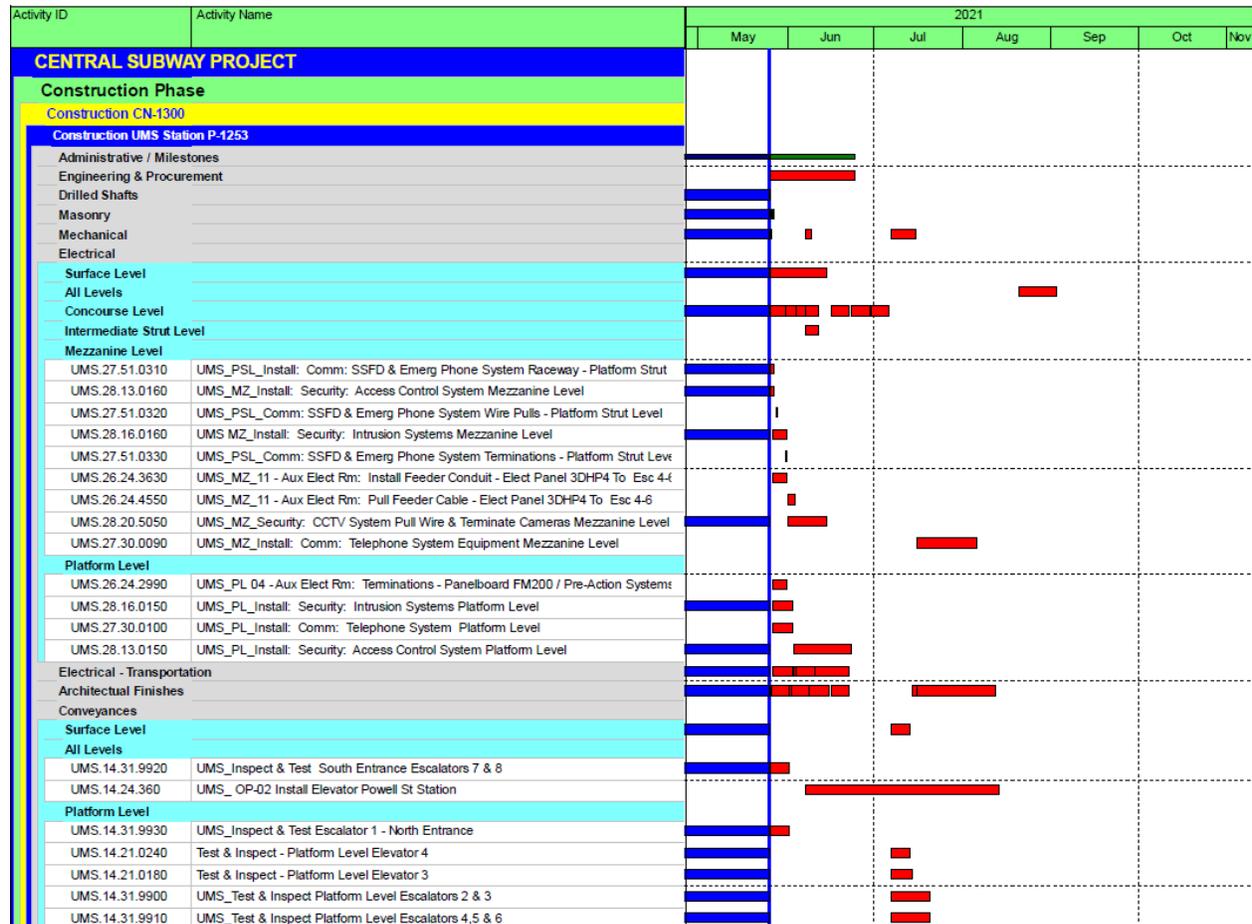
Continued construction, installation and testing of the following items:

- Began fixing and adjusting of conduits in Aux Elec. Room at Platform level and above North Utility House
- Began installing Bluelight on South Platform
- Began fixing cracked glass at Concourse level
- Continued frame work for glass at escalators
- Continued cleaning and adjustment of escalators
- Continued painting traction power conduits at Platform level
- Continued painting conduits on north & south ends of the Platform
- Continued installation of drywall ESC, CMU wall and escalator side walls/cladding at north & south ends Platform level
- Continued installation of cabinets in the break room
- Completed installation of ATCS FO patch panel in AUX Communication room at Platform level
- Completed tampers and flows testing

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

Continued construction, installation and testing of the following items:

- Continue installation of FHCs
- Continue fixing cracked glass at Concourse level
- Continue installation of traction power conduits and traction pull boxes
- Continue installation of side walls of escalators
- Continue painting of conduit on the Platform level
- Complete frame work for glass at escalators
- Continue application of anti-graffiti film



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

- Began interior finishes on concourse level within Station Box
- Continued working on alignment and bolt down traction power gear and install bus duct at TP room
- Completed installation of kiosks at Platform and Concourse levels
- Completed installation of track lights at SAB roof panel
- Performed deluge spray pattern demonstration with SFFD
- Installed map cases on kiosks at Concourse and Platform levels
- Continued terminating wire for blue light emergency phones at Platform
- Began pulling and framing negative feeder conduits at Platform level

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

- Continue installing handrails at ingress/egress Stair 8 & 9
- Continue interior finishes on Concourse level within Station Box
- Continue interior finishes on Mezzanine
- Continue installation of sculpture at Surface level
- Continue alignment and bolt down traction power gear and install bus duct at TP room
- Continue installation of kiosks at Platform and Concourse levels
- Continue Station Agent Booth
- Continue traction power gear testing and SCADA testing
- Continue SAB panel signoff
- Continue CCTV testing for elevators
- Continue deluge spray pattern demonstration with SFFD
- Heat recovery coils and air balance
- Continue metal cladding installation at Escalator 1, 2 and 3
- Continue daiken test of reworked systems
- FM200 room pressure tests

Activity ID	Activity Name	2021					
		May	Jun	Jul	Aug	Sep	Oct
CENTRAL SUBWAY PROJECT							
Construction Phase							
Construction CN-1300							
Construction YBM Station P-1255							
Concrete/Shotcrete							
Electrical							
Under Platform Level							
YBM.34.22.0350	YBM_UP_Install: Elect: Pull Negative Feeder Cable, Coil & Protect(Traction Power)						
YBM.34.21.1215	YBM_IV 302 - Traction Power Rm: Energize A/C TPSS Equipment						
Electrical - Transportation							
Under Platform Level							
YBM.34.22.0330	YBM_IV 302 - Traction Power Rm: Pull - Traction Power Cables Pullbox B-01 To PSK						
YBM.34.21.1235	YBM_IV 302 - Traction Power Rm: Pull Wire - DC Control						
YBM.34.21.1165	YBM_IV 302 - Traction Power Rm: Terminations - DC Switchgear						
YBM.34.21.1245	YBM_IV 302 - Traction Power Rm: Terminate - DC Control						
YBM.34.21.1205	YBM_IV 302 - Traction Power Rm: Pull & Terminate AC Control Cable						
YBM.34.21.1255	YBM_IV 302 - Traction Power Rm: Pull Cable - Negative Feeder						
YBM.34.21.1115	YBM_IV 302 - Traction Power Rm: Pull & Terminate - Supervisory Control Cable						
YBM.34.21.1265	YBM_IV 302 - Traction Power Rm: Terminations - Negative Feeder (By 1256)						
Conveyances							
All Levels							
YBM.14.21.125	Startup & Test Elevators #1, 2						
YBM.14.31.207	Startup & Test Escalator #3,4 from Concourse to Surface Level						
YBM.14.21.155	Startup & Test Elevators #3, 4						
YBM.14.31.197	Startup & Test Escalator #1,2 from Platform to Concourse Level						
Startup & Testing							
No 13-Disp							
Surface Level							
All Levels							
YBM.08.44.150	Install Skylight Glass (by others)						
YBM.09.66.190	Terrazzo Treads - Stair #7, FL11 (09 66 23)						
Concourse Level							
Mezzanine Level							
YBM.08.11.100	Install - Door & Hardware, Mezzanine Level						
YBM.10.14.125	Install Signage, Mezzanine Level (10 14 00)						
YBM.23.31.361	YBM_MZ_302 - Mech Rm:Startup & Test - H/VAC:Supply Fan #1						
YBM.23.31.351	YBM_MZ_302 - Mech Rm:Startup & Test - H/VAC:Exhaust Fan#1						
YBM.21.12.375	YBM_MZ Install Fire Suppression System DSP & TSP Mains Mezzanine Headhouse						
YBM.26.50.995	YBM_Elect - Electrical Punchlist Work						
Platform Level							
YBM.08.11.107	Install - Door & Hardware, Platform Level						
YBM.10.14.105	Install Signage, Platform Level (10 14 00)						

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

- Continued 4th/Brannan platform construction
- Continued traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical power
- Continued traction power cable installation, terminations, and installation of cross bonds throughout the tunnel
- Continued OCS support, riser, and wire installation throughout the tunnel and portal
- Continued telephone enclosure and blue light installation in tunnels
- Continued fiber system installation and terminations in comm rooms (SFDT)
- Continued ATCS and radio system testing

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

- Continue 4th/Brannan platform construction
- Continue surface signaling work on 4th St.
- Continue traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical power
- Continue traction power cable testing, installation and terminations
- Continue OCS support, riser, and wire installation
- Continue telephone enclosure and blue light installation in tunnels
- Continue fiber system installation and terminations in comm rooms (SFDT)
- Continue ATCS and radio system testing
- Continue 4th/King OCS installation

Activity ID	Activity Name	2021					
		May	Jun	Jul	Aug	Sep	Oct
CENTRAL SUBWAY PROJECT							
Construction Phase							
Construction CN:1300							
Construction STS P-1256							
	Concrete/Shotcrete						
	Tunnel Concrete						
	Electrical						
	Chinatown Station						
	Union Square Station						
	Moscone Station						
	Fourth/King Intersection						
	Fourth Street						
	Fifth Street						
	Fourth/Brannan Station						
	Harrison St						
	Bryant St						
	Brannan St						
	Townsend St						
	HeadHouse						
	Northbound Tunnel or Trackway						
STS.34.42.0490	STS_Install: Train Control - Remote Feed Boxes- NB Portal to Moscone						
STS.34.42.0510	STS_Install: Train Control - ATSC Entry Point Signage - Portal						
STS.34.42.0880	STS_Install: Train Control - Remote Feed Boxes- NB Moscone to Union Square						
STS.34.42.0900	STS_Install: Train Control - ATSC Entry Point Signage - Moscone Station						
STS.34.42.2270	STS_Install: Train Control - Train Control Conduit - & JB's NB Portal To Moscone						
STS.34.42.1260	STS_Install: Train Control - Remote Feed Boxes- NB Union Square to Chinatown						
STS.34.42.1270	STS_Install: Train Control - ATSC Entry Point Signage - Union Square Station						
STS.34.42.1630	STS_Install: Train Control - Remote Feed Boxes- NB Chinatown to North Limits						
STS.34.42.1640	STS_Install: Train Control - ATSC Entry Point Signage - Chinatown						
STS.34.23.1860	STS_Install: Tunnel Electrical - OCS Wires, Spacers, Insulators - NB Portal To Mosco						
STS.26.05.1560	STS_Install: Tunnel Electrical -Lighting Fixtures - NB Chinatown to North Limits						
STS.34.42.0500	STS_Install: Security - NB Portal Intrusion Devices						
STS.34.42.0520	STS_Install: Train Control - NB Switch Machines @ Chinatown Crossover						
STS.34.22.3090	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCE NB03 To NBC						
STS.34.42.0480	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Portal to						
STS.34.42.2370	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Portal To Mosco						
STS.34.42.2260	STS_Install: Train Control - Train Control Conduit - & JB's NB Moscone to Union Sq						
STS.34.22.2880	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-04 To PFCE						
STS.34.22.3280	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - NB Portal Pull E						
STS.34.22.2920	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCE NB10 To						
STS.28.20.1720	STS_Install: Tunnel Electrical - CCTV Cameras - NB Portal To Moscone						
STS.34.22.3080	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCE NB05 To NBC						

SCHEDULE REVISIONS

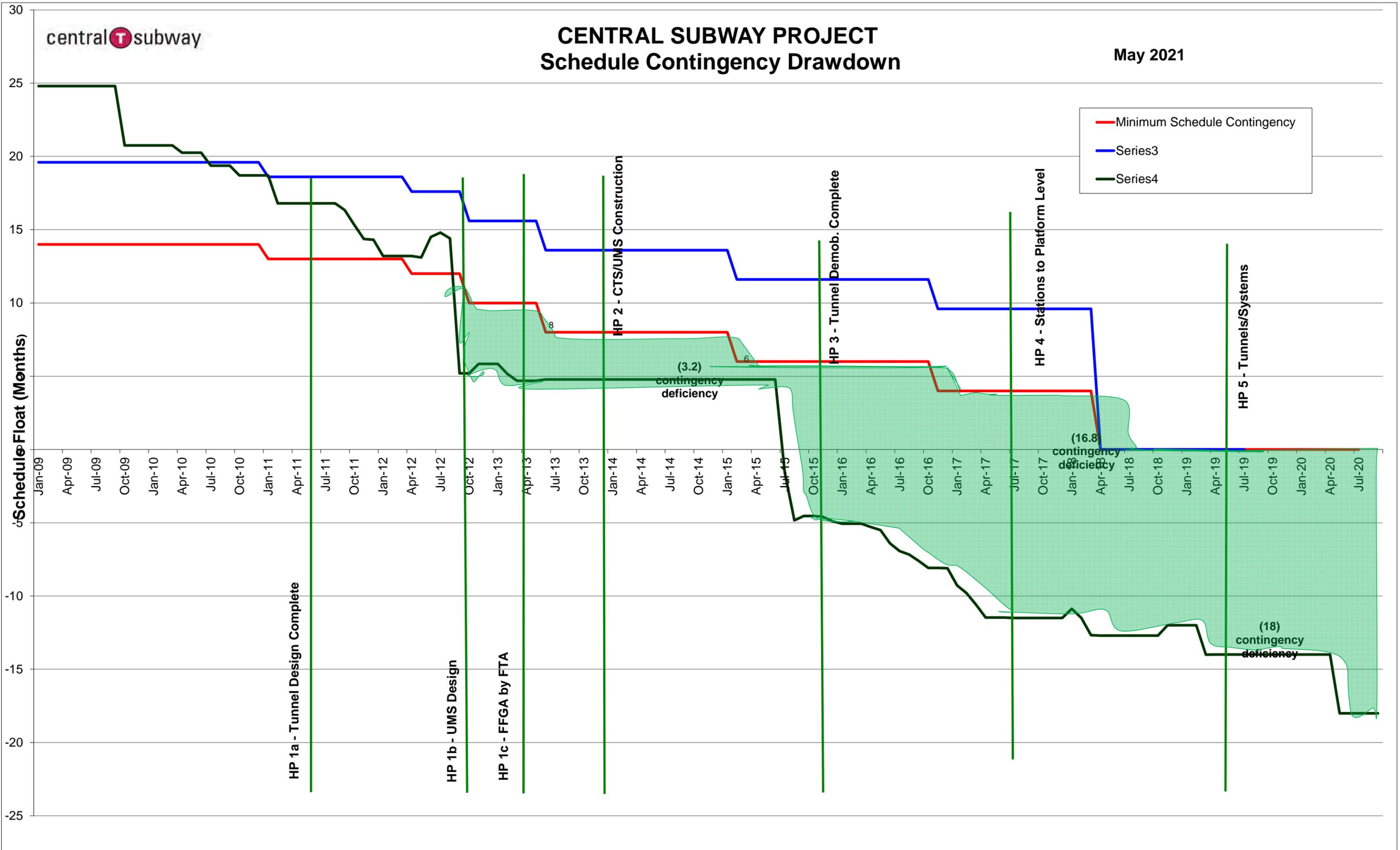
The SFMTA Contract 1300 May 2021 schedule update was added this period to the Central Subway Project Master Schedule.

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

May 2021



Activity ID	Activity Name	Original Duration	Start	Finish	2021			2022				2023				
					Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
CENTRAL SUBWAY PROJECT		5189	03-Jun-03 A	25-Apr-23	CENTRAL SUBWAY PROJECT											
Program Level Milestones		5255	03-Jun-03 A	23-May-22	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		23-May-22*	◆ Baseline Finish Date: 12-26-2018											
MS0009	CSP Revenue Service Date	0		23-May-22*	◆ 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		3140	15-Apr-13 A	18-Nov-21	Light Rail Vehicles											
Real Estate		3130	01-Aug-08 A	02-Jan-14 A												
Construction Phase		3470	04-Jan-10 A	25-Apr-23	Construction Phase											
Construction Support and Costs		4125	04-Jan-10 A	25-Apr-23	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		1518	08-Jun-11 A	26-May-21	Construction Tunnels CN-1252											
Construction STS P-1256 ATCS		1825	20-May-14 A	05-Oct-21	Construction STS P-1256 ATCS											
Construction STS P-XXXX Radio		195	27-Aug-19 A	14-Sep-21	Construction STS P-XXXX Radio											
Construction CN-1300		2220	03-Jun-13 A	21-Dec-21	Construction CN-1300											
CN- 1300 Milestone		2220	17-Jun-13 A	21-Dec-21	CN- 1300 Milestone											
Construction UMS Station P-1253		2181	17-Jun-13 A	27-Oct-21	Construction UMS Station P-1253											
Construction CTS Station P-1254R		2157	17-Jun-13 A	23-Sep-21	Construction CTS Station P-1254R											
Construction YBM Station P-1255		2157	10-Jun-13 A	23-Sep-21	Construction YBM Station P-1255											
Construction STS P-1256		2160	03-Jun-13 A	17-Dec-21	Construction STS P-1256											
Project Start Up		242	22-Sep-21	23-May-22	Project Start Up											
Unallocated Contingency		251	26-May-21	20-May-22	Unallocated Contingency											

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021			2022			2023			2024						
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
Program Level Milestones						0	23-May-22	23-May-22	-498												
MS0019	Baseline Finish Date: 12-26-2018	0		23-May-22*	-498	◆ Baseline Finish Date: 12-26-2018															
MS0009	CSP Revenue Service Date	0		23-May-22*	-498	◆ CSP Revenue Service Date															
CN- 1300 Milestone						0	22-Sep-21	22-Sep-21	-726												
MS-10	Substantial Completion - 1,700 Calendar Days (SP-4.B) { 10-Feb-18 }	0		22-Sep-21*	-726	◆ Substantial Completion - 1,700 Calendar Days (SP-4.B) { 10-Feb-18 }															
Construction STS P-1256						596	13-May-19 A	22-Sep-21	-518												
STS.34.23.1800	STS_Install: Tunnel Electrical - OCS Catenary Hangers - In NB Portal	3	26-Feb-21 A	26-May-21	-514	STS_Install: Tunnel Electrical - OCS Catenary Hangers - In NB Portal															
STS.34.23.1790	STS_Install: Tunnel Electrical - OCS Elastic Arm Assemblies - In NB Portal	1	03-Mar-21 A	27-May-21	-514	STS_Install: Tunnel Electrical - OCS Elastic Arm Assemblies - In NB Portal															
STS.34.23.1970	STS_Install: Tunnel Electrical - OCS Steady Arm Assemblies - In NB Portal	5	03-Mar-21 A	27-May-21	-514	STS_Install: Tunnel Electrical - OCS Steady Arm Assemblies - In NB Portal															
STS.34.23.1830	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - In NB Portal	4	10-Mar-21 A	28-May-21	-514	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - In NB Portal															
STS.34.23.1860	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Portal To Moscor	4	16-Mar-21 A	31-May-21	-514	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Portal To Moscor															
STS.34.22.3090	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB03 To NB01	2	09-Nov-20 A	02-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB03 To NB01															
STS.34.22.2880	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-04 To PFCB I	2	03-Aug-20 A	04-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-04 To PFCB I															
STS.34.22.3280	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - NB Portal Pull B	5	18-Mar-21 A	04-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - NB Portal Pull B															
STS.34.22.2920	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB10 To N	7	04-May-20 A	07-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB10 To N															
STS.34.22.3080	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB05 To NB04	3	08-Dec-20 A	09-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB05 To NB04															
STS.34.22.3100	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-05 To PFCB NB10	1	15-Mar-21 A	10-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-05 To PFCB NB10															
STS.34.22.3040	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-10 To PFCB NB10	1	01-Feb-21 A	11-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-10 To PFCB NB10															
STS.34.22.3110	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB10 To NB06	1	08-Mar-21 A	11-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB10 To NB06															
STS.34.22.3050	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB18 To NB12	3	14-Dec-20 A	14-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB18 To NB12															
STS.34.22.3060	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB12 To PS-0	1	07-Dec-20 A	15-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB12 To PS-0															
STS.34.22.2840	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB19 To F	2	05-Oct-20 A	16-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB19 To F															
STS.34.22.3030	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB19 To PS-0	1	04-Jan-21 A	17-Jun-21	-514	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB19 To PS-0															
STS.34.42.0390	STS_Install: Train Control - Train Control Cable Loop System NB Portal To Moscone	4	13-May-19 A	18-Jun-21	-514	STS_Install: Train Control - Train Control Cable Loop System NB Portal To Moscone															
STS.34.42.0770	STS_Install: Train Control - Train Control Cable Loop System NB Moscone to Union Sc	13	18-Jun-21	06-Jul-21	-514	■ STS_Install: Train Control - Train Control Cable Loop System NB Moscone to Union Sc															
STS.34.42.1150	STS_Install: Train Control - Train Control Cable Loop System NB Union Square to Chir	14	07-Jul-21	26-Jul-21	-514	■ STS_Install: Train Control - Train Control Cable Loop System NB Union Square to Chir															
STS.34.42.1520	STS_Install: Train Control - Train Control Cable Loop System NB Chinatown to North L	2	27-Jul-21	28-Jul-21	-514	■ STS_Install: Train Control - Train Control Cable Loop System NB Chinatown to North L															
STS.34.42.425	Startup & Testing - Tunnel & ATSC Systems	40	29-Jul-21	22-Sep-21	-514	■ Startup & Testing - Tunnel & ATSC Systems															
Project Start Up						242	22-Sep-21	23-May-22	-723												
STU1010	S&S Certification / Pre-Revenue Activities	167	22-Sep-21	20-May-22	-498	■ S&S Certification / Pre-Revenue Activities															
BUF0018	Muni Float	0	23-May-22	23-May-22	-498	■ Muni Float															

Activity Name	Original Duration	Start	Finish	2012				2013				2014				2015				2016				2017				2018				2019				2020				2021				2022				2023	
				Q1	Q2	Q3	Q4	Q1	Q2																																								
CENTRAL SUBWAY PROJECT	2748	08-Jun-11 A	21-Dec-21																																														
Construction Phase	2748	08-Jun-11 A	21-Dec-21																																														
Construction Tunnels CN-1252	1518	08-Jun-11 A	15-May-15 A																																														
1252 Tunnel Contract BIH	1518	08-Jun-11 A	15-May-15 A																																														
Contract Milestones	1437	08-Jun-11 A	15-May-15 A																																														
General Conditions	1480	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	2220	03-Jun-13 A	21-Dec-21																																														
CN- 1300 Milestone	2220	17-Jun-13 A	21-Dec-21																																														
Construction UMS Station P-1253	2181	17-Jun-13 A	27-Oct-21																																														
Construction CTS Station P-1254R	2157	17-Jun-13 A	23-Sep-21																																														
Construction YBM Station P-1255	2157	10-Jun-13 A	23-Sep-21																																														
Construction STS P-1256	2160	03-Jun-13 A	17-Dec-21																																														

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021			2022				
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	
CENTRAL SUBWAY PROJECT													
Light Rail Vehicles													
Construction Phase													
Construction Support and Costs													
Construction STS P-1256 ATCS													
Construction CN-1300													
CN-1300 Milestone													
No 13-Disp													
Construction UMS Station P-1253													
Mechanical													
Electrical													
Concourse Level													
Mezzanine Level													
UMS.28.13.0160	UMS_MZ_Install: Security: Access Control System Mezzanine Level	15	08-Jan-18 A	27-May-21	-470								
UMS.26.24.4550	UMS_MZ_11 - Aux Elect Rm: Pull Feeder Cable - Elect Panel 3DHP4 To Esc 4-6	3	01-Jun-21	03-Jun-21	-475								
Platform Level													
UMS.28.13.0150	UMS_PL_Install: Security: Access Control System Platform Level	15	10-Jul-17 A	23-Jun-21	-449								
Electrical - Transportation													
Mezzanine Level													
UMS.34.21.1375	UMS_MZ07 - Gap Breaker Rm: Install - Supervisory Panel SV1	5	27-May-21	02-Jun-21	-474								
UMS.34.21.1435	UMS_MZ07 - Gap Breaker Rm: Install - Ground Test Station	5	29-Mar-18 A	02-Jun-21	-485								
UMS.34.21.1465	UMS_MZ07 - Gap Breaker Rm: Install Lighting & Power Panel LP1	5	29-Mar-18 A	02-Jun-21	-488								
UMS.34.21.1415	UMS_MZ07 - Gap Breaker Rm: Install Battery Station D01	5	29-Mar-18 A	02-Jun-21	-474								
UMS.34.21.1365	UMS_MZ07 - Gap Breaker Rm: Install - Auxiliary Panel K02	5	29-Mar-18 A	02-Jun-21	-488								
UMS.34.21.1385	UMS_MZ07 - Gap Breaker Rm: Install - Annunciator Panel K01	5	03-Jun-21	09-Jun-21	-479								
UMS.34.21.1395	UMS_MZ07 - Gap Breaker Rm: Install - Control Wiring Wireway	5	03-Jun-21	09-Jun-21	-488								
UMS.34.21.1475	UMS_MZ07 - Gap Breaker Rm: Install Security Panel SE01	5	03-Jun-21	09-Jun-21	-485								
UMS.34.21.1635	UMS_MZ07 - Gap Breaker Rm: Install Conduit Security Panel SE01 To DS1, DS2, DS3, & Security Bell	2	10-Jun-21	11-Jun-21	-485								
UMS.34.21.1645	UMS_MZ07 - Gap Breaker Rm: Pull Wire Security Panel SE01 To DS1, DS2, DS3, & Security Bell	2	14-Jun-21	15-Jun-21	-485								
UMS.34.21.1655	UMS_MZ07 - Gap Breaker Rm: Terminate Security Panel SE01 To DS1, DS2, DS3, & Security Bell	1	16-Jun-21	16-Jun-21	-485								
UMS.34.21.1665	UMS_MZ07 - Gap Breaker Rm: Energize Security Panelboard	1	17-Jun-21	17-Jun-21	-485								
UMS.34.21.1405	UMS_MZ07 - Gap Breaker Rm: Pull & Terminate - Control Cables	9	10-Jun-21	22-Jun-21	-488								
Platform Level													
UMS.34.05.0350	UMS_MZ_Install Conduit Riser PB-2 to SB Feeder Box To PS02 & PS03 (Traction Power)	5	06-Jan-21 A	10-Jun-21	-480								
Conveyances													
Startup & Testing													
No 13-Disp													
Construction CTS Station P-1254R													
Site Work / Utility Relocation													
Concrete/Shotcrete													
Mechanical													
Lower Mezz Level													
CTS.26.05.565	CTS_LM 13 - Elevator Closet: Install - Elevator Controller	5	26-May-21	01-Jun-21	-463								
Electrical													
Lower Mezz Level													
CTS.28.31.412	CTS_LM 03 - Storage Rm: Set & Hook up - Fire Alarm Preaction Cabinet	9	27-Feb-20 A	07-Jun-21	-452								
CTS.28.31.413	CTS_LM 09 - Corridor - Set & Hook up - Fire Alarm Clean Agent Control Panel	9	27-Feb-20 A	07-Jun-21	-452								
Platform Level													
CTS.28.31.132	CTS_PL 17 - Corridor - Install - Fire Alarm Clean Agent Control Panel	5	28-Feb-20 A	01-Jun-21	-496								
CTS.28.31.133	CTS_PL 17 - Corridor - Install - Fire Alarm Preaction Cabinet	5	06-Mar-20 A	08-Jun-21	-496								

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021			2022				
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Architectural Finishes													
Conveyances													
Concourse Level													
CTS.14.31.505	Startup & Inspect Escalators 3&4 (Concourse to Upper Mezz)	5	16-Jun-21	22-Jun-21	-473								
CTS.14.21.385	CTS_CN 03 Install Traction Elevator #4 (Concourse Level to Surface)	40	20-Apr-20 A	20-Jul-21	-498								
Platform Level													
CTS.14.31.445	CTS_PL_Start-Up & Test Escalators 1&2	5	16-Jun-21	22-Jun-21	-473								
CTS.14.24.295	CTS-PL 05:Inspections - Elevators 1&2	1	16-Jul-21	16-Jul-21	-495								
CTS.14.21.245	Install Traction Elevator #3 (Platform Level to Surface)	40	20-Apr-20 A	20-Jul-21	-498								
CTS.14.24.285	CTS-PL 05: Startup & Test Elevators 1&2	4	16-Jul-21	21-Jul-21	-495								
Startup & Testing													
No 13-Disp													
Construction YBM Station P-1255													
Electrical													
Electrical - Transportation													
Under Platform Level													
YBM.34.21.1235	YBM_IV 302 - Traction Power Rm: Pull Wire - DC Control	5	08-Mar-21 A	01-Jun-21	-478								
YBM.34.21.1165	YBM_IV 302 - Traction Power Rm: Terminations - DC Switchgear	10	02-Mar-21 A	08-Jun-21	-478								
YBM.34.21.1245	YBM_IV 302 - Traction Power Rm: Terminate - DC Control	5	15-Mar-21 A	08-Jun-21	-478								
YBM.34.21.1205	YBM_IV 302 - Traction Power Rm: Pull & Terminate AC Control Cable	15	08-Mar-21 A	15-Jun-21	-488								
YBM.34.21.1255	YBM_IV 302 - Traction Power Rm: Pull Cable - Negative Feeder	5	09-Mar-21 A	22-Jun-21	-493								
YBM.34.21.1115	YBM_IV 302 - Traction Power Rm: Pull & Terminate - Supervisory Control Cable	15	05-Mar-21 A	25-Jun-21	-496								
YBM.34.21.1265	YBM_IV 302 - Traction Power Rm: Terminations - Negative Feeder (By 1256)	5	16-Mar-21 A	29-Jun-21	-493								
Conveyances													
All Levels													
YBM.14.21.125	Startup & Test Elevators #1, 2	5	13-Apr-20 A	25-Jun-21	-481								
YBM.14.31.207	Startup & Test Escalator #3,4 from Concourse to Surface Level	5	05-Oct-20 A	25-Jun-21	-481								
YBM.14.21.155	Startup & Test Elevators #3, 4	5	26-Nov-20 A	25-Jun-21	-481								
YBM.14.31.197	Startup & Test Escalator #1,2 from Platform to Concourse Level	10	01-Oct-20 A	02-Jul-21	-486								
Startup & Testing													
No 13-Disp													
Construction STS P-1256													
Tunnel Concrete													
Electrical													
Platform Level													
CTS.26.24.250	CTS_PL 03 -Aux Elect Rm: Install - SCADA Block Terminal	2	16-Jul-21	19-Jul-21	-502								
CTS.26.24.280	CTS_PL 03 -Aux Elect Rm: Terminations - SCADA Block Terminal	5	20-Jul-21	26-Jul-21	-502								
No 13-Level													
STS.34.42.2310	STS_Install: Train Control - Train Control Conduit - & JB's SB Portal To Moscone	4	20-Mar-17 A	26-May-21	-501								
STS.34.42.0690	STS_Install: Train Control - Remote Feed Boxes- SB Portal to Moscone	1	26-May-21	26-May-21	-474								
STS.34.42.0490	STS_Install: Train Control - Remote Feed Boxes- NB Portal to Moscone	1	26-May-21	26-May-21	-472								
STS.34.42.0510	STS_Install: Train Control - ATSC Entry Point Signage - Portal	1	26-May-21	26-May-21	-472								
STS.34.42.1070	STS_Install: Train Control - Remote Feed Boxes/Track Heads SB Moscone to Union Square	1	27-May-21	27-May-21	-474								
STS.34.42.2300	STS_Install: Train Control - Train Control Conduit - & JB's SB Moscone to Union Square	13	12-Mar-18 A	27-May-21	-498								
STS.34.42.0880	STS_Install: Train Control - Remote Feed Boxes- NB Moscone to Union Square	1	27-May-21	27-May-21	-472								
STS.34.42.0900	STS_Install: Train Control - ATSC Entry Point Signage - Moscone Station	1	27-May-21	27-May-21	-472								
STS.34.23.2600	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Townsend To King Street	2	26-May-21	27-May-21	-504								
STS.34.42.1440	STS_Install: Train Control - Remote Feed Boxes- SB Union Square to Chinatown	1	27-May-21	28-May-21	-474								
STS.34.42.2270	STS_Install: Train Control - Train Control Conduit - & JB's NB Portal To Moscone	4	20-Mar-17 A	28-May-21	-505								
STS.34.42.2160	STS_Install: Train Control - ATSC 5KVA UPS Battery Cabinet - Union Square Station Control Room	2	27-May-21	28-May-21	-490								
STS.34.42.1260	STS_Install: Train Control - Remote Feed Boxes- NB Union Square to Chinatown	1	28-May-21	28-May-21	-472								

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021				2022				
						Q2	Q3	Q4	Q1	Q2	Q3	Q4		
STS.34.42.1270	STS_Install: Train Control - ATSC Entry Point Signage - Union Square Station	1	28-May-21	28-May-21	-472									
STS 34 42 37 c	STS_Fab/Deliver: Transportation: ATCS Wayside Equipment (34 42 37)	180	14-Apr-16 A	30-May-21	-704									
STS.34.42.1810	STS_Install: Train Control - Remote Feed Boxes- SB Chinatown to North Limits	1	28-May-21	31-May-21	-474									
STS.34.42.1630	STS_Install: Train Control - Remote Feed Boxes- NB Chinatown to North Limits	1	31-May-21	31-May-21	-472									
STS.34.42.1640	STS_Install: Train Control - ATSC Entry Point Signage - Chinatown	1	31-May-21	31-May-21	-472									
STS.34.23.1860	STS_Install: Tunnel Electrical - OCS Wires, Spacers, Insulators - NB Portal To Moscone	4	16-Mar-21 A	31-May-21	-514									
STS.34.23.100	STS_Install: Utilities: Install Fiber Optic Ductbank From (E) Pullbox to (E) MH 1879 - King St/4th Street	5	26-May-21	01-Jun-21	-481									
STS.34.42.1940	STS_Install: Surface Signaling - TS Case No.1 - 4th/King	5	26-Feb-20 A	01-Jun-21	-473									
STS.34.42.0500	STS_Install: Security - NB Portal Intrusion Devices	2	31-May-21	01-Jun-21	-496									
STS.34.42.0520	STS_Install: Train Control - NB Switch Machines @ Chinatown Crossover	2	19-Aug-19 A	01-Jun-21	-473									
STS.34.42.1060	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Moscone to Union Square	6	26-May-21	02-Jun-21	-483									
STS.34.22.3090	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB03 To NB01 - MOS To Portal	2	09-Nov-20 A	02-Jun-21	-514									
STS.34.42.0480	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Portal to Moscone	6	26-May-21	02-Jun-21	-487									
STS.34.42.2170	STS_Install: Train Control - ATSC Communication Cable Termination Frame - Union Square Station Control Room	4	31-May-21	03-Jun-21	-490									
STS.34.42.2370	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Portal To Moscone	4	31-May-21	03-Jun-21	-504									
STS.34.42.2260	STS_Install: Train Control - Train Control Conduit - & JB's NB Moscone to Union Square	13	12-Mar-18 A	04-Jun-21	-505									
STS.34.42.0600	STS_Install: Train Control - Train Control Signals - SB Portal to Moscone	6	28-May-21	04-Jun-21	-503									
STS.34.22.2880	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-04 To PFCB NB11 - UMS South Platform	2	03-Aug-20 A	04-Jun-21	-514									
STS.34.42.1880	STS_Install: Surface Signaling - Interlocking Signals & Poles 21/23 - 4th/King	8	06-Jul-20 A	04-Jun-21	-476									
STS.34.22.3280	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - NB Portal Pull Box To MH1890	5	18-Mar-21 A	04-Jun-21	-514									
STS.34.22.2920	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB10 To NB06 - UMS To MOS (Ckt WA -11)	7	04-May-20 A	07-Jun-21	-514									
STS.20.71.550	STS_Manufacture - PCC SCADA Equipment	20	17-Jan-20 A	08-Jun-21	-498									
STS.28.20.1720	STS_Install: Tunnel Electrical - CCTV Cameras - NB Portal To Moscone	2	26-Feb-21 A	08-Jun-21	-492									
STS.26.05.2210	STS_Install: Traction Power - Terminate FODP Panel @ Moscone Folsom SubStation	3	04-Jun-21	08-Jun-21	-483									
STS.34.22.3080	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB05 To NB04 - UMS To MOS (Ckt FO-12)	3	08-Dec-20 A	09-Jun-21	-514									
STS.28.20.2020	STS_Install: - SCADA System Terminations - UMS Communications Rm	10	27-May-21	09-Jun-21	-479									
STS.34.42.0410	STS_Install: Train Control - Train Control Signals - NB Portal to Moscone	6	02-Jun-21	09-Jun-21	-496									
STS.34.420.870	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads- NB Moscone to Union Square	6	03-Jun-21	10-Jun-21	-487									
STS.34.42.1800	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Union Square to Chinatown	6	02-Jun-21	10-Jun-21	-483									
STS.34.22.3100	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-05 To PFCB NB10 - UMS South Platform	1	15-Mar-21 A	10-Jun-21	-514									
STS.34.42.1430	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Chinatown to North Limits	1	10-Jun-21	11-Jun-21	-483									
STS.34.42.2280	STS_Install: Train Control - Train Control Conduit - & JB's NB Union Square to Chinatown	14	20-Apr-16 A	11-Jun-21	-501									
STS.34.22.3040	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-10 To PFCB NB18 - CTS South Platform	1	01-Feb-21 A	11-Jun-21	-514									
STS.34.22.3110	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB10 To NB06 - UMS To MOS (Ckt WA -11)	1	08-Mar-21 A	11-Jun-21	-514									
STS.34.41.2120	STS_Install; Traffic Signal Displays 4th St/King	3	09-Jun-21	11-Jun-21	-507									
STS.34.42.0710	STS_Install: Train Control - SB ATSC Entry Point Signage - Portal	1	14-Jun-21	14-Jun-21	-485									
STS.34.42.0980	STS_Install: Train Control - Train Control Signals - SB Moscone to Union Square	6	07-Jun-21	14-Jun-21	-503									
STS.34.22.3050	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB18 To NB12 - CTS To UMS	3	14-Dec-20 A	14-Jun-21	-514									
STS.34.22.3170	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB SB09 To SB05 - UMS To MOS	3	30-Nov-20 A	14-Jun-21	-504									
STS 34.42.390	STS_Install: Transportation: ATCS Central Equipment - Lennox OCC	15	26-May-21	15-Jun-21	-483									
STS.34.42.1090	STS_Install: Train Control - SB ATSC Entry Point Signage - Moscone	1	15-Jun-21	15-Jun-21	-485									
STS.34.22.3010	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB SB04 To PS-02 - MOS North Platform	4	14-Dec-20 A	15-Jun-21	-505									
STS.34.22.3060	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB12 To PS-01 - UMS North Platform	1	07-Dec-20 A	15-Jun-21	-514									
STS.28.20.1730	STS_Install: Tunnel Electrical - CCTV Cameras - NB Moscone to Union Square	5	02-Mar-21 A	15-Jun-21	-492									
STS.28.20.1810	STS_Install: Tunnel Electrical - CCTV Cameras - SB Chinatown to North Limits	2	17-Mar-21 A	15-Jun-21	-484									
STS.34.22.2840	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB19 To PS-06 - Chinatown to North Limits	2	05-Oct-20 A	16-Jun-21	-514									
STS.34.22.2970	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-06 To PFCB SB09 - UMS South Platform	2	08-Mar-21 A	16-Jun-21	-505									
STS.34.42.1460	STS_Install: Train Control - SB ATSC Entry Point Signage - Union Square	1	16-Jun-21	16-Jun-21	-485									
STS.34.22.3160	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-06 To PFCB SB09 - UMS South Platform	1	30-Nov-20 A	16-Jun-21	-505									
STS.34.41.2100	STS_Install; Traffic Signal Displays 4th St/Harrison	3	14-Jun-21	16-Jun-21	-507									

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021				2022				
						Q2	Q3	Q4	Q1	Q2	Q3	Q4		
STS.34.41.2130	STS_Install; Traffic Signal Displays 5th St/Brannan	3	01-Jul-21	05-Jul-21	-507									
STS.34.42.2030	STS_Install: Train Control - ATSC Transformer - Moscone Station Control Room	2	02-Jul-21	05-Jul-21	-472									
STS.34.42.0770	STS_Install: Train Control - Train Control Cable Loop System NB Moscone to Union Square	13	18-Jun-21	06-Jul-21	-514									
STS.26.05.2080	STS_Install: Traction Power - New Equipment Display Rack @ PCC	5	30-Jun-21	06-Jul-21	-513									
STS.34.42.2340	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Moscone to Union Square	13	18-Jun-21	06-Jul-21	-513									
STS.34.41.2110	STS_Install; Traffic Signal Displays 4th St/Brannan	5	19-Jun-17 A	07-Jul-21	-507									
STS.34.23.2630	STS_Install: OCS System - Install OCS Trolley Wire In Townsend Street To 5th Street	11	09-Mar-20 A	07-Jul-21	-508									
STS.34.01.24.150	STS_: PA/PDS: Operation control Center (34 01 24)	30	30-Jul-18 A	08-Jul-21	-707									
STS.34.01.24.110	STS_: Testing Cutover: Operation control Center (34 01 24)	30	09-Jun-21	08-Jul-21	-707									
STS.34.01.24.120	STS_: System Integration: Operation control Center (34 01 24)	30	09-Jun-21	08-Jul-21	-707									
STS.34.01.24.160	STS_: FSS: Operation control Center (34 01 24)	30	06-May-19 A	08-Jul-21	-707									
STS.34.01.24.220	STS_: Elevator/ Escalator Remote Monitoring System: Operation control Center (34 01 24)	30	25-May-20 A	08-Jul-21	-707									
STS.34.23.2650	STS_Install: OCS System - Install OCS Trolley Wire In Brannan To 4th Street	2	08-Jul-21	09-Jul-21	-508									
STS.34.42.0960	STS_Install: Train Control - Train Control Cable Loop System SB Moscone to Union Square	12	24-Jun-21	09-Jul-21	-505									
STS.34.41.2010	STS_Install; Traffic Signal Displays 4th S/Bryant	6	07-Jan-19 A	12-Jul-21	-507									
STS.34.23.2580	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Brannan To Bluxome	9	30-Jun-21	12-Jul-21	-470									
STS.34.23.1920	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - SB Union Square to Chinatown	12	11-Mar-21 A	12-Jul-21	-507									
STS.26.05.2140	STS_Install: Traction Power - Make Fiber Node Connections From King SubStation @PCC (Fiber by	5	07-Jul-21	13-Jul-21	-513									
STS.34.42.1700	STS_Install: Train Control - Train Control Cable Loop System SB Union Square to Chinatown	14	24-Jun-21	13-Jul-21	-505									
STS.26.05.2090	STS_Install: Traction Power - Video Displays & Cabling @ PCC	10	30-Jun-21	13-Jul-21	-513									
STS.26.05.2100	STS_Install: Traction Power - PCI & TP SCADA Servers @ PCC	10	30-Jun-21	13-Jul-21	-513									
STS.26.05.2130	STS_Install: Traction Power - Make Fiber Node Connections From YBM Folsom SubStation @PCC	5	07-Jul-21	13-Jul-21	-513									
STS.34.42.2390	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Union Square to Chinatown	14	24-Jun-21	13-Jul-21	-505									
STS.34.23.2570	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Freelon To Brannan	2	13-Jul-21	14-Jul-21	-470									
STS.34.42.2400	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Chinatown to North Limits	2	14-Jul-21	15-Jul-21	-505									
\	CTS_Fab\Deliver: Transportation: Traction Power SCADA System (34 23 10)	180	14-May-14 A	15-Jul-21	-709									
STS.34.42.1330	STS_Install: Train Control - Train Control Cable Loop System SB Chinatown to North Limits	2	14-Jul-21	15-Jul-21	-505									
STS.34.23.3700	STS_Install: OCS System - Remove/Install Cross Spans in Brannan	4	30-Dec-19 A	15-Jul-21	-508									
STS.34.23.2560	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Welsh To Freelon	2	15-Jul-21	16-Jul-21	-470									
STS.34.41.2030	STS_Pull & Terminate Traffic Signal Wiring 4th St	16	24-Apr-17 A	19-Jul-21	-507									
STS 34.42.400	STS_Install: Transportation: ATCS Central Equipment - Transportation Mgmt Center (TMC)	15	29-Jun-21	19-Jul-21	-507									
STS.34.23.1890	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - SB Chinatown to North Limits	5	18-Mar-21 A	19-Jul-21	-507									
STS.34.23.3710	STS_Install: OCS System - Remove/Install Cross Spans in Townsend	3	30-Dec-19 A	20-Jul-21	-508									
STS.26.05.2120	STS_Install: Traction Power - Make Fiber Node Connections From UMS Gap Breaker Station @PCC	5	14-Jul-21	20-Jul-21	-513									
STS.34.42.2520	STS_Install: Train Control - ATSC Wire Pulls & Terminations - Chinatown Station Control Room	15	01-Jul-21	21-Jul-21	-509									
STS.34.23.2550	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Bryant to Welsh	4	19-Jul-21	22-Jul-21	-470									
STS.28.20.1850	STS_Install: Tunnel Electrical - CCTV Pull Wire & Terminate SB Chinatown to North Limits	1	19-Mar-21 A	23-Jul-21	-511									
STS.34.42.2530	STS_Install: Train Control - ATSC Wire Pulls & Terminations - Union Square Station Control Room	15	05-Jul-21	23-Jul-21	-511									
STS.34.42.2360	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Union Square to Chinatown	13	07-Jul-21	23-Jul-21	-513									
STS.34.42.1150	STS_Install: Train Control - Train Control Cable Loop System NB Union Square to Chinatown	14	07-Jul-21	26-Jul-21	-514									
STS.34.42.2540	STS_Install: Train Control - ATSC Wire Pulls & Terminations - Moscone Station Control Room	15	06-Jul-21	26-Jul-21	-472									
STS.26.05.2110	STS_Install: Traction Power - Make Fiber Node Connections From CTS Washington Substation @ P	5	21-Jul-21	27-Jul-21	-513									
STS.34.42.2350	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Chinatown to North Limits	2	26-Jul-21	27-Jul-21	-513									
STS.34.42.1520	STS_Install: Train Control - Train Control Cable Loop System NB Chinatown to North Limits	2	27-Jul-21	28-Jul-21	-514									
STS.20.71.525	STS_Prep\Submit: Sub-Systems Maintainability Demonstration - Surface Signalling Systems	20	21-Jul-21	09-Aug-21	84									
STS.20.71.535	STS_Prep\Submit: Sub-Systems Maintainability Demonstration -Facility SCADA Systems (FSS)	20	21-Jul-21	09-Aug-21	84									
STS 06 10 53 c	STS_Fab\Deliver: Wood Trough (06 10 53)	30	16-Jul-21	14-Aug-21	-687									
STS 34 01 24 a30	STS_Prep\Submit: Operation control Center- Systems Diagrams (34 01 24)	90	26-May-19 A	23-Aug-21	99									
STS.20.71.515	STS_Prep\Submit: Sub-Systems Maintainability Demonstration - PCC SCADA Equipment	40	21-Jul-21	29-Aug-21	114									
Electrical - Transportation		10	26-May-21	08-Jun-21	-499									

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021				2022			
						Q2	Q3	Q4	Q1	Q2	Q3	Q4	
	Startup & Testing	40	29-Jul-21	22-Sep-21	-514								
	No 13-Disp	1884	13-Jan-14 A	28-Sep-21	60								
	Unallocated Contingency	251	26-May-21	20-May-22	-498								

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:

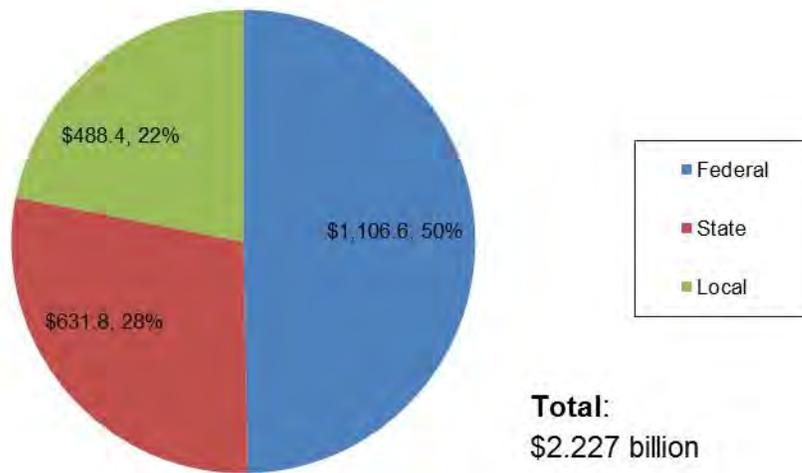
- Phase 1 + Phase 2 of the T Third Line federal, state and local funding percentages previous to the addition of the retrieval shaft relocation budget and funding in December 2013.

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.

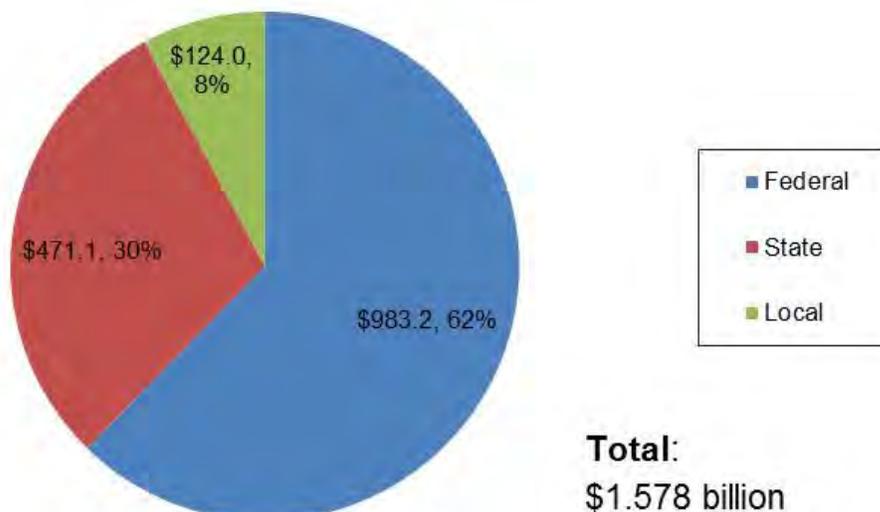
Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2
(\$ in millions)



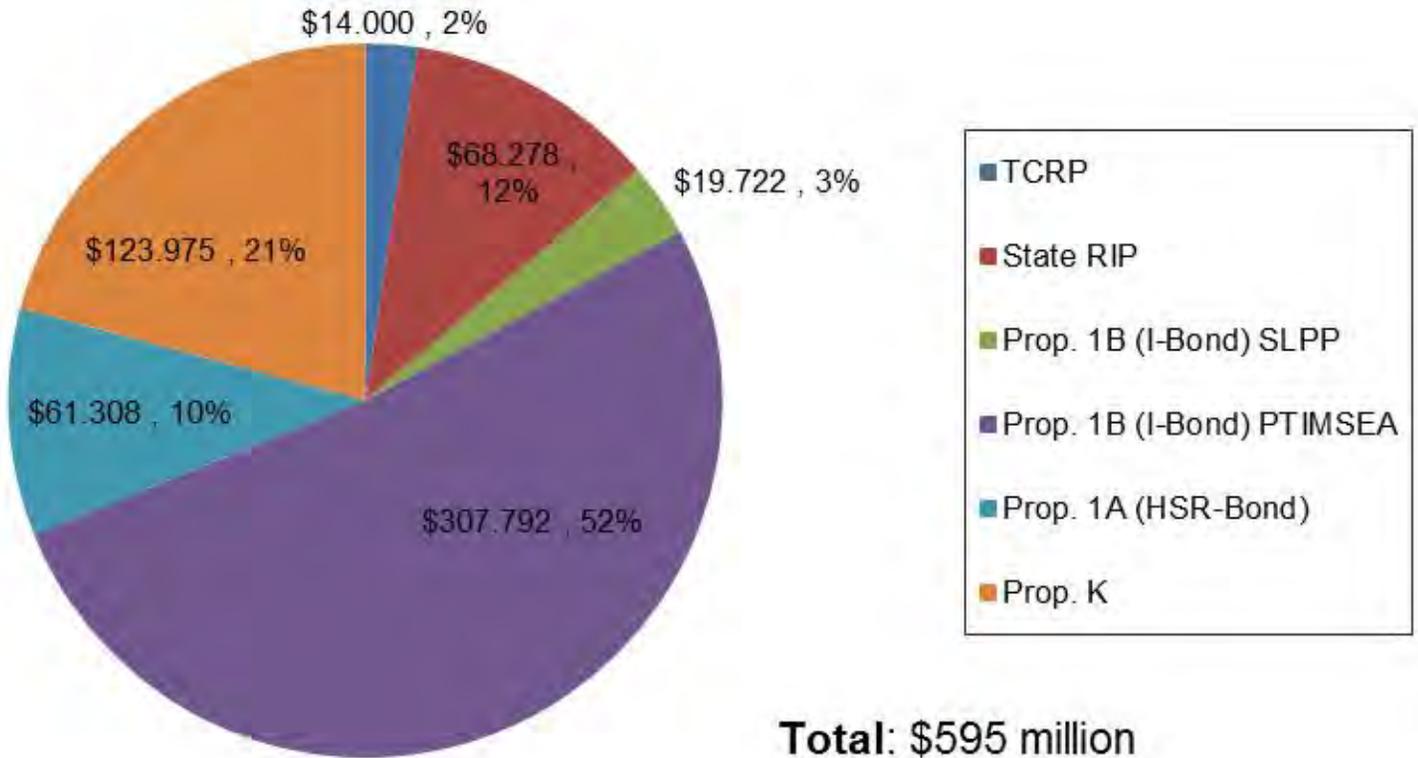
Central Subway Project Funding

Phase 2
(\$ in millions)



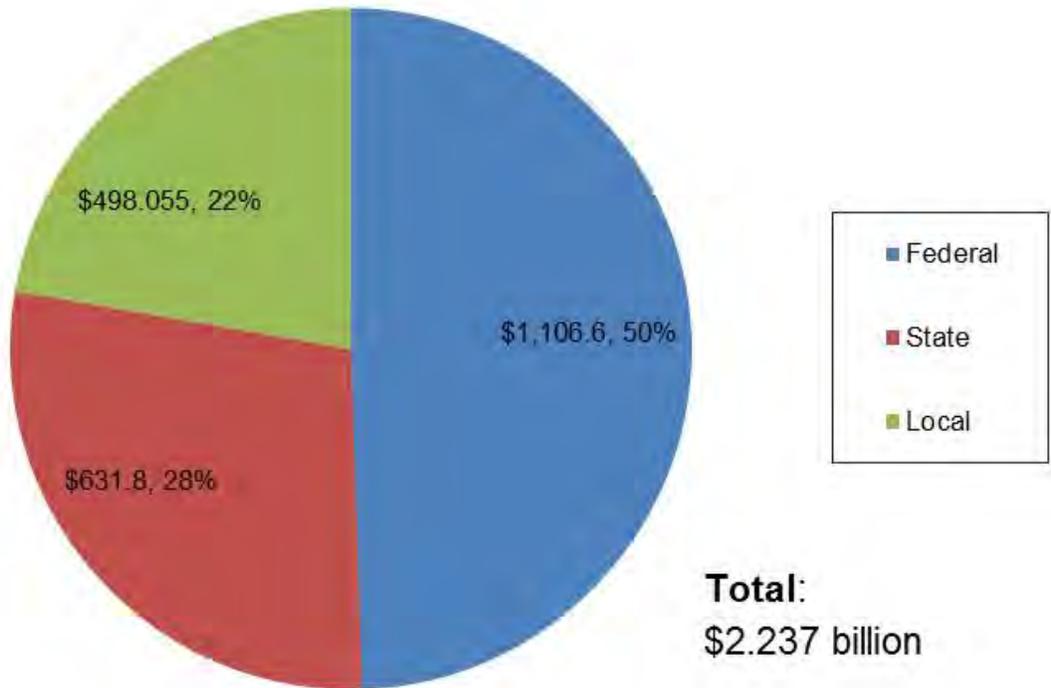
State and Local Funding

Phase 2
(\$ in millions)



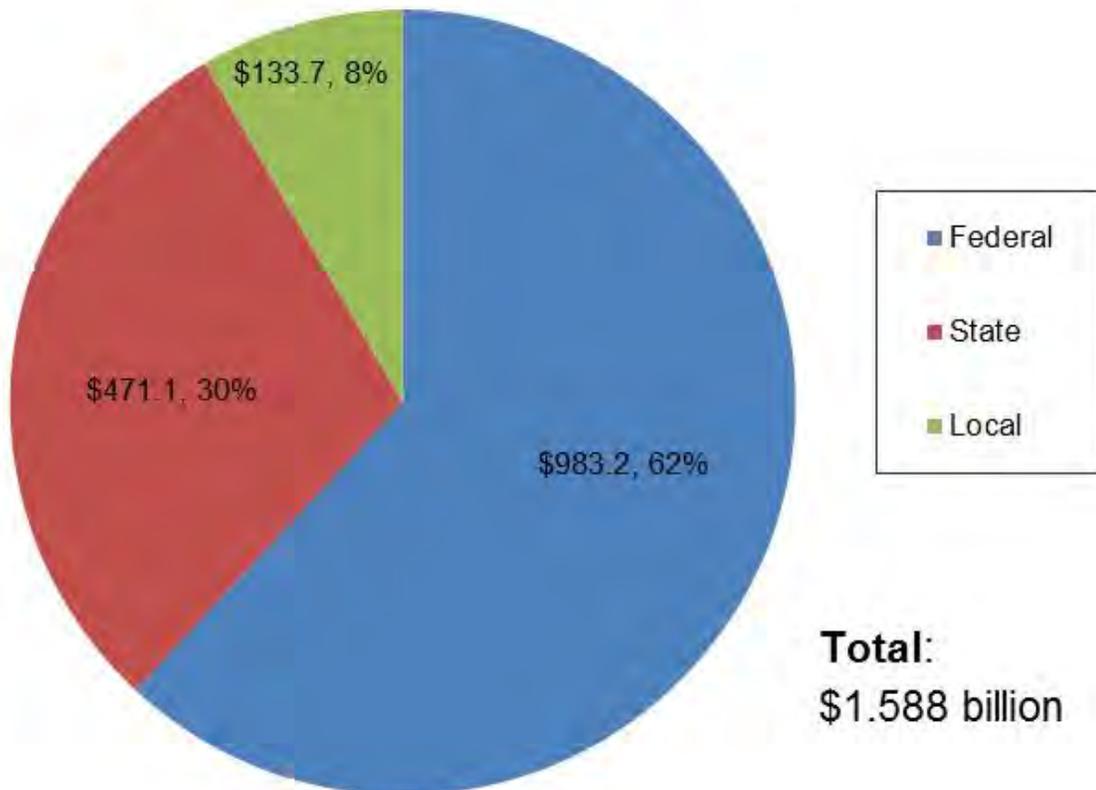
Third Street Light Rail Transit Project Funding

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

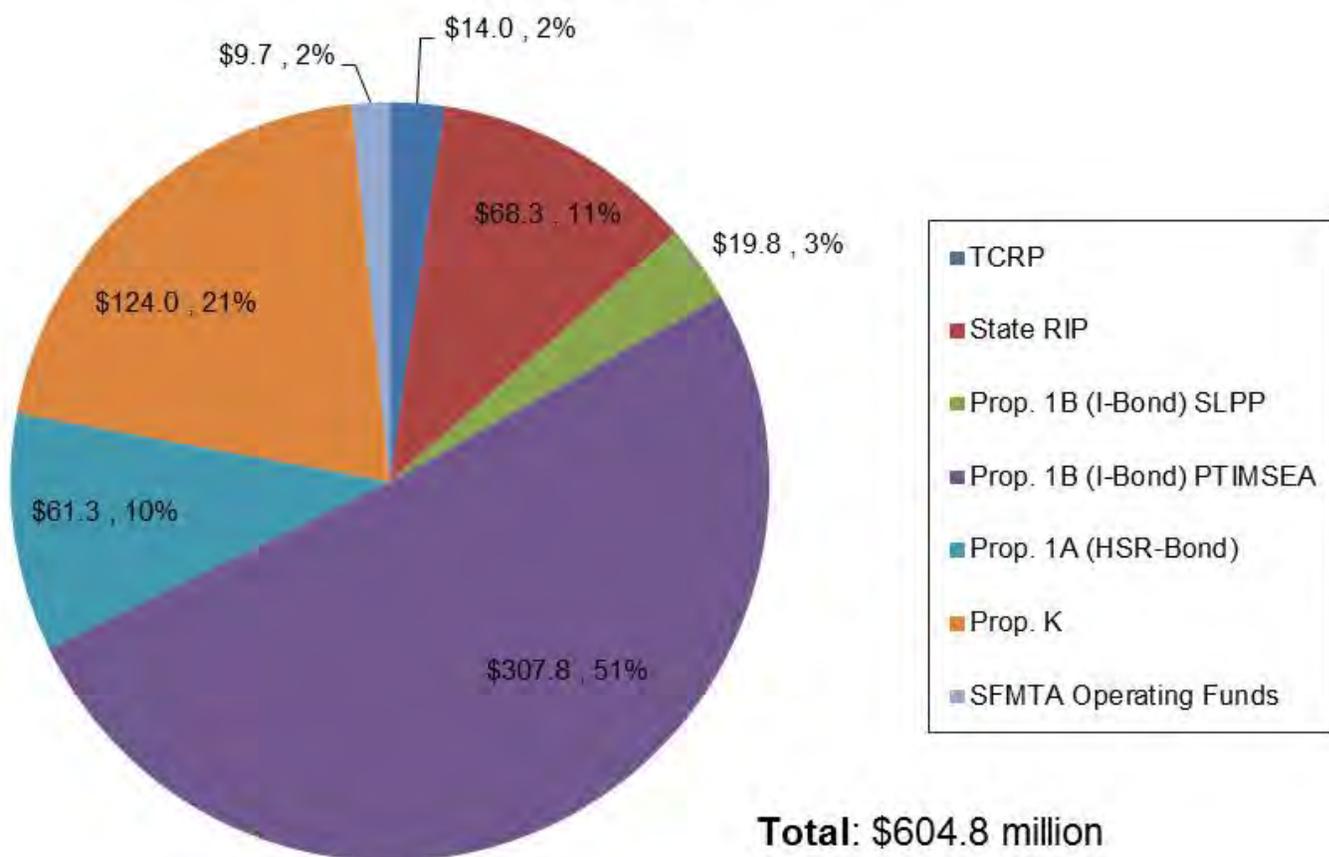


Central Subway Project Funding

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

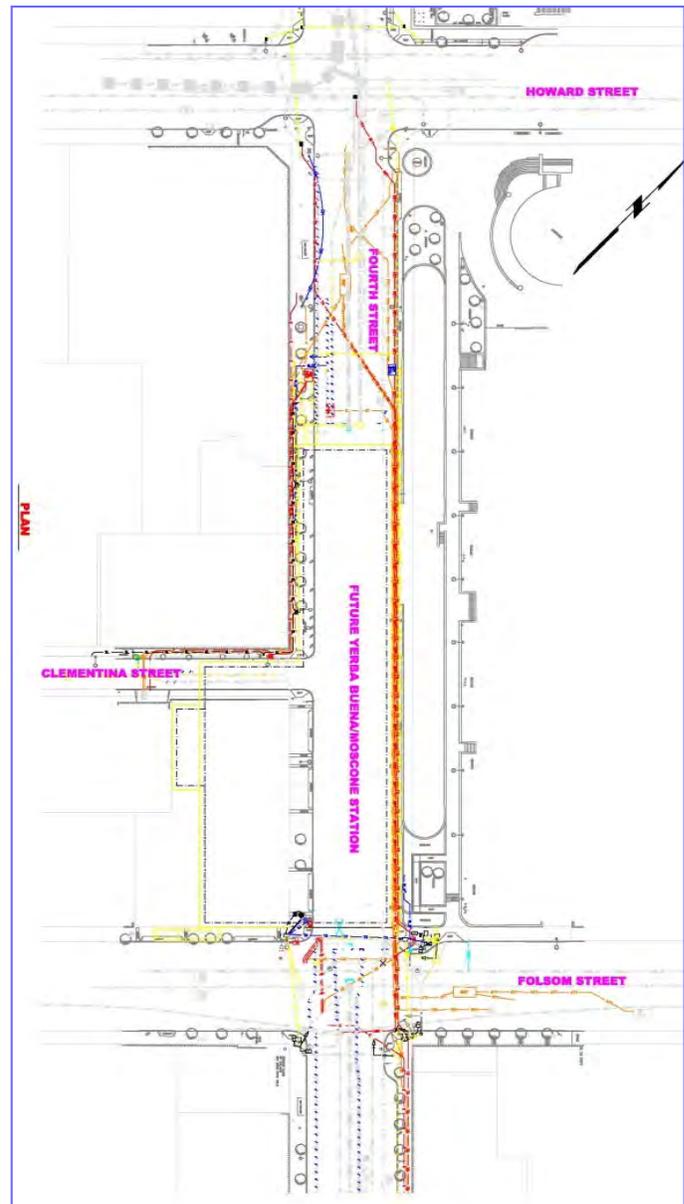
Contract Awarded:	November 17, 2009
Notice to Proceed:	January 4, 2010
Substantial Completion:	June 23, 2011
Contract Award Value:	\$ 9,273,939
Modifications Final :	\$ 2,694,211
Final Contract Value:	\$11,968,150

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

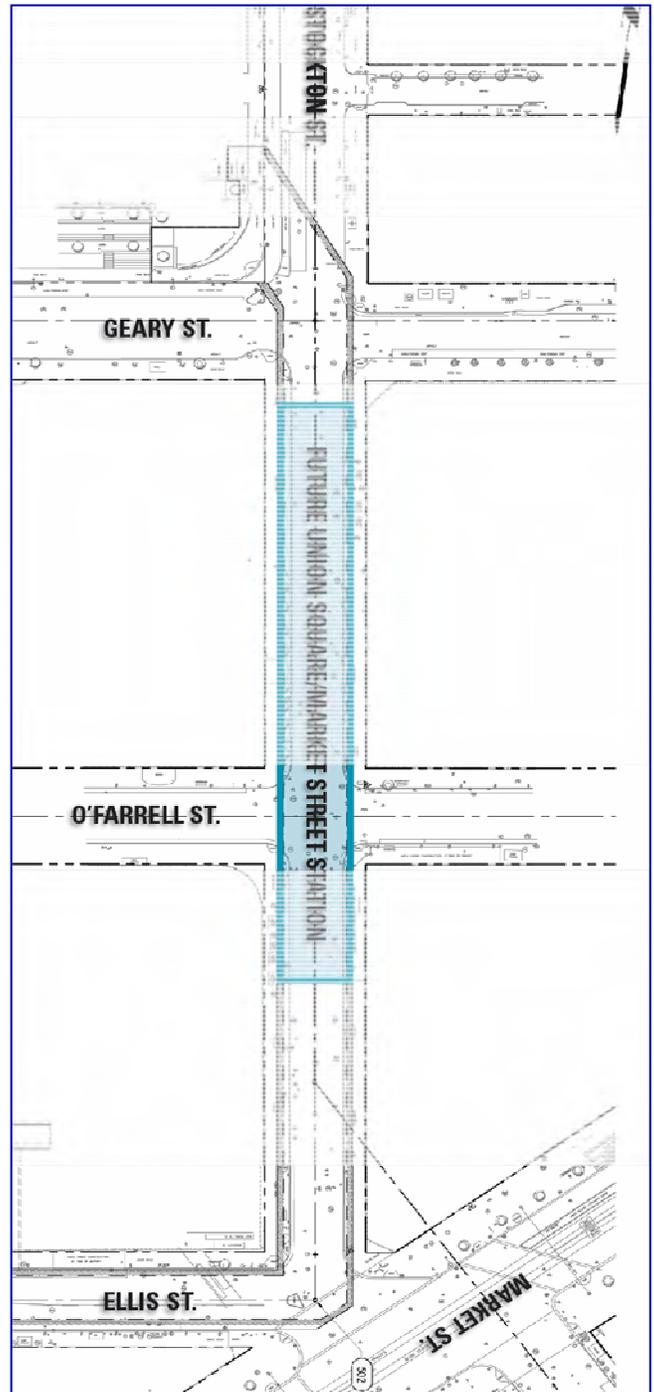
Contract 1251

Contractor: Synergy Project Management, Inc.

Budget/Expenditures	
Category	Amount
Original Budget	\$22,199,847
Expenditures Final	\$20,669,081
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:	\$3,836,531
Final Contract Value:	\$20,669,081

Status

- Final completion on October 15, 2012
- Completed punch list work
- Project Final Acceptance on November 15, 2013
- Completed final construction contract administrative closeout in June 2017

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.

- Contract funded by SFMTA Operating funds
- Work was substantially completed September 24, 2013
- 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
- Completed administrative closeout in November 2018

Budget/Expenditures	
Category	Amount
Current Budget	\$239,973,354
Other Project Budget	\$5,150,000
Other Offset Credits	\$1,312,101
Expenditures Final	\$233,511,253

Contract Details	
Contract Awarded:	June 28, 2011
Notice to Proceed 1:	January 27, 2012
Notice to Proceed 2:	March 14, 2012
Partial NTP 3:	April 12, 2012
Notice to Proceed 3:	October 15, 2012
Substantial Completion:	April 15, 2015
Contract Award Value:	\$233,584,015
Modifications to Date:	\$6,389,339
Final Contract Value:	\$239,973,354



Appendix E

SBE PARTICIPATION

Quarterly Report

Current Report: January 2021 to March 2021

PROGRAM SUPPORT CONTRACTS – SBE PARTICIPATION

Appendix E presents the Central Subway Program Small Business Enterprise or SBE goals and the actual SBE participation achieved to date – as of March 31, 2021.¹

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.

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	\$147.38	30%	\$105.40	33.8%	\$44.21	\$35.60	31.4%
2	156	Hill International	Project Controls Task 1	\$17.11	26%	\$10.12	29.3%	\$4.45	\$2.96	26.0%
3	155-1	PB Telemon	Tunnels Design	\$7.94	30%	\$7.90	30.2%	\$2.38	\$2.39	31.6%
4	155-2	CS Design Group	Stations Design	\$54.78	30%	\$50.55	32.0%	\$16.43	\$16.18	36.4%
5	155-3	HNTB, Inc.- B&C	Systems, Track & Surface Station Design	\$19.10	30%	\$19.10	25.8%	\$5.73	\$4.93	30.0%
Subtotal Professional Services				\$246.31		\$193.07		\$73.21	\$62.06	
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	\$20.70	20%	\$20.70	87.4%	\$4.14	\$18.10	94.9%
3	1252	BIH	Tunnels and Portal - in Construction	\$239.97	6%	239.97	5.8%	\$14.40	\$13.88	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	1143.30	20%	\$1,123.13	17.0%	\$228.66	\$190.70	25.5%
Subtotal Construction Contracts				\$1,416.59		\$1,396.42		\$250.24	\$234.94	
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:

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").

Columns C * D = Column F, the SBE Expended \$ Amount.

The source of the SBE Actual percent to date and dollar amounts are Progress Payment Applications and Contractor's monthly submittals that may include the current estimated accruals. The BIH SBE percent is from the contractor's progress payment #40, 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 construction 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 29.3% 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 #90 March 2021, 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: 3/3/2021

Contract:	Project Management and Construction management	
Contract No.	CS-149 Central Subway Partnership*	
Status:	On-going	
	Base Contract Value	\$97,715,988
	Approved Change Orders	-0-
	Current Contract Value	\$147,375,171
	Expended to Date (est.)	105,396,929
	% Expended	71.5%
	SBE SFMTA Goal	30.0%
	SBE Participation	33.8%
Contract:	Project Controls Cost and Schedule Support	
Contract No.	CS 156 Hill International Task 1*	
Status:	On-going	
	Base Contract Value	\$17,112,873
	Approved Change Orders	-0-
	Current Contract Value	\$17,112,873
	Expended to Date (est.)	\$10,115,598
	% Expended	59.1%
	SBE SFMTA Goal	26.0%
	SBE Participation	29.3%
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.)	\$7,904,713
	% Expended	99.6%
	SBE SFMTA Goal	30.0%
	SBE Participation	30.2%
Contract:	Design Package 2 for 1253 UMS, 1254 CTS, 1255 YBM	
Contract No.	CS-155-2 Central Subway	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	\$39,949,948
	Approved Change Orders (6)	\$14,829,744
	Current Contract Value	\$54,779,692
	Expended to Date (est.)	50,549,642
	% Expended	92.3%
	SBE SFMTA Goal	30.0%
	SBE Participation	32.0%
Contract:	DP 3 Systems, Track work,	
Contract No.	CS-155-3 HNTB-B&C*	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	18,549,417.00
	Approved Change Orders (9)	\$2,735,209
	Current Contract Value	\$21,284,626
	Expended to Date (est.)	19,102,430
	% Expended	89.7%
	SBE SFMTA Goal	30.0%
	SBE Participation	25.8%

* denotes accrual

Active and Completed Construction Contracts - SBE Participation Details

Data as of:		3/31/2021
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	3,836,531
	Final Contract Value	\$20,699,081
	% 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
	Final Contract Value	\$648,976
	% Expended	100%
	SBE SFMTA Goal	100%
	SBE Participation To Date	100%
Contract:	Tunnels Barnard/Impregilo/Haley	
Contract No.	1252	
Status:	Contract is completed and closed out	
	Base Contract Value	\$233,584,015
	Approved Change Orders	\$6,389,339
	Current Contract Value	\$239,973,354
	Expended to Date (est.)	\$239,973,354
	% Expended	100%
	SBE SFMTA Goal	6.0%
	SBE Participation To Date	5.8%
Contract:	Stations and Systems / Tutor Perini	
Contract No.	1300	
Status:	On-going	
	Base Contract Value	\$839,676,400
	Approved Change Orders	\$303,622,187
	Current Contract Value	\$1,143,298,587
	Expended to Date (est.)	1,123,128,699
	% Expended	98.2%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	17.0%

Photos on the next page:
 (top to bottom) March 2021:
 At Chinatown Station, red roof structure near elevator.
 Concourse art installation lights at Union Square Market Street Station. At Yerba Buena/Moscone Station, utility electrical detail in the control room. Platform shelter progress at Surface, Track, and Systems station.

central subway

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