

Transmittal

CS Transmittal No. 2619

To: Bernardo Bustamante Federal Transit Administration San Francisco Federal Building 90 7th Street, Suite 15-300 San Francisco, CA 94103-6701	From: Nadeem Tahir M544.1, CSP
Date: April 28, 2022	Project No./Contract No.: M544.1, CSP
	Task No./Title: Cost/Schedule Management
	Project Phase: Construction
	Subject: Quarterly Progress Report March 2022

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	Quarterly Progress Report (March 2022)	1	4/28/2022

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

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

Nadeem Tahir

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CS File No. M544.1.5.0340.b

central subway

Coming to an End



Quarterly Progress Report

March 2022



SFMTA

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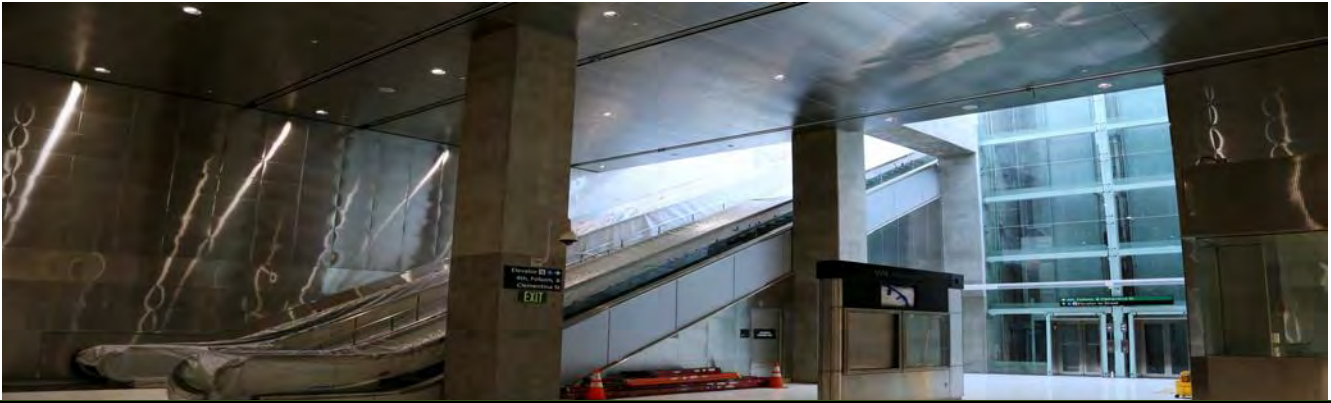
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Cover photo: View of CTS Surface Level entrance

Above photo: UMS Concourse Level with the ceiling light art on

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/>



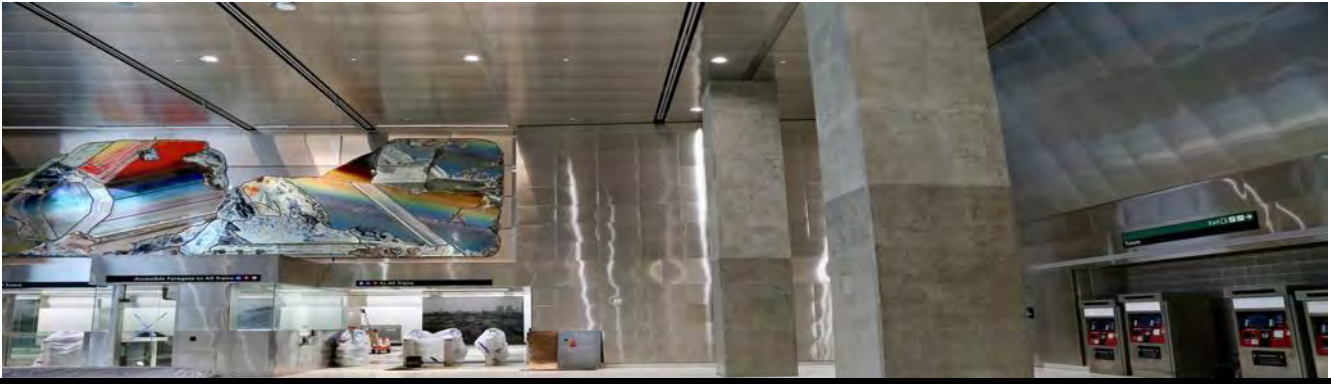
YBM headhouse view from Concourse Level

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. The City's Health Office continues to adjust these restrictions with changing conditions for various variants of COVID which requires the City to adjust guidelines for indoor and outdoor activities. With changing COVID conditions, the City's Health Office has adjusted guidelines related to masking and distancing for indoor and outdoor activities along with booster vaccination shots for those eligible. 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 for the month of March. The Contractor continues to follow the required protocol to maintain the safety of the work force. The project continues to progress towards substantial completion and startup and testing. Train testing continues as the project moves forward with startup and testing requirement. 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). With the surge of the various variants of COVID, restrictions continue to be adjusted; the project team continues to have essential project staff on site to ensure safety of the staff and allow other staff to telecommute. As of March 7, 2022, the City and County of San Francisco has shifted to a requirement for city employees to work onsite at least two days per week. (For additional discussion, please see Safety and Security section on pg. 34).

Chinatown Station - Completed fire piping relocation at Surface level. Completed electrical grounding at Traction Power Room. Cubic completed installation of ticket vending machines at Concourse level. Completed HVAC System Testing. Completed installing metal art panels at Upper Mezzanine level South Wall and Concourse level North Wall. Completed remedial work for sagging glass canopy at Surface level. Continued Security System Testing. Continued train testing at crossover and train platform. Continued Testing Fire Alarm System.

Union Square/Market Street Station - Completed installing blue light fixtures at Concourse level. Completed installation of faregates. Completed handrail at ADA ramp on Plaza level. Completed installation of ticket vending machines. Completed installation grounding wire for cable trays. Completed installation of battery backup system for bi-fold door. Completed installation of additional lights at Elevator 1 & 2 landing on Concourse level.



YBM Concourse art and ticket booths

Executive Summary continued

Yerba Buena/Moscone Station - Completed elevators and escalators construction and for state inspection. Completed cleaning debris and dust from escalators. Completed Station Agent Booth interior finish. Completed deluge spray pattern demonstration with SFFD. Completed metal cladding installation at Escalators 1, 2 and 3.

Surface, Track and Systems— Completed cross-bonding installation or CTS crossover. Continued 4th/Brannan platform construction. Continued traffic signal, trolley and light rail OCS installation. Continued installation of ATCS and radio system testing.

Total net incurred costs for the project are \$1,894.31 million. The project continues to review the overall cost. The current Estimate at Completion (EAC) is projected to be \$1.931B or \$353M above the original budget of \$1.578B. We expect the Central Subway to open for revenue service in Summer 2022, so the ribbon cutting will be sometime between July and September. (For additional discussion, please see Costs and Schedule on pg.8)

The Stations Contractors' Safety Reports should show any accidents that may occur during the current month. The rates of work site accident incidents by the man hours worked continue to be below industry standards - see tables on page 35. (The Contractor did not provide data for December 2021. We are currently showing the last data provided by Contractor.)

Key Milestones



View of Northbound Tunnel from YBM Platform

MILESTONE	DATE EXPECTED
<i>General</i>	
Revenue Service	Summer 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



Platform entrance from Concourse escalators



Installed glass on CTS Platform escalators

Costs and Schedule

Costs (See Appendix A for Details)

The revised Cost Estimate (CCE) for the Central Subway Project is \$1.894 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 \$1.931 B or \$353M above the original budget of \$1.578B. These revised estimates have been shared with our board and funding partners.

Total net incurred costs for the project are \$1,894.31 million. The cost to date figure reflects expenditures through FAMIS 786 Report (\$1,887.71 million) plus the utilities joint trench Form B Reimbursement payment (\$12.51 million), invoices currently being processed (\$20.42 million) and estimates of outstanding pay requests credits of (\$26.30 million). The project is working with Finance and Grants to secure and book all of the remaining funds to the program.

The current funding level to date has already been fully met which includes excess federal funds consisting of FTA 5309 Capital Investment Grant of \$23,121,562 appropriated in October 2021. The original total project budget of \$1.578 billion has already completed its original funding of the program in July 2020. The total revised project budget is currently \$1.900 billion, \$9 million above the original \$1.891 billion of the project budget due to extra funds received that will be included in contingency.

Earned Value Analysis

In March 2022 Report, the Preliminary Earned Value Analysis reports is based on the SFMTA December Schedule Update. The Planned Value, Earned Value, Actual Cost, Percent Complete and resulting indexes as follows:

Preliminary March Earned Value

Overall Budgeted Cost:	\$1,900,275,322
Planned Value:	\$1,593,491,019
Earned Value:	\$1,511,414,981
Actual Cost:	\$1,894,308,175
Schedule Performance Index (SPI):	0.95
Cost Performance Index (CPI):	0.80
Percent Complete:	94.9%

*March 2022 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 2022.

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 March 2022. The March 2022 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 March 2022 Schedule Update.

The MPS shows a forecast Revenue Service Date of Summer 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 Summer 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 and surface impacted by lack of resources. These issues have impacted TPC's Final 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 in the tunnel and surface 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 March 2022 schedule is used within the March Report. The SFMTA Contract 1300 March 2022 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.

Schedule Highlights - Continued

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

- State Inspector inspected Elevators/Escalators on 3/01/2022 and provided list of deficiencies
- Project team addressing Elevator/Escalator deficiency items in preparation for State Inspection
- Continued Security/Access Control System Testing
- Continued installing communication cables at Concourse level
- Completed electrical grounding at Traction Power Room
- Continued Testing Fire Alarm System
- Continued train testing at Crossover Cavern and train Platform
- Continue mitigating water leaks at Station Headhouse
- Continued installing plumbing system at Upper Mezz and Concourse levels
- Contractor continued closing out internal punch list items
- Continued installing GFRC panels at Surface/Plaza level
- Completed remedial work for sagging glass canopy at Surface level
- Cubic completed installation of ticket vending machines at Concourse level
- Began installing Art Tiles along East wall at Crosscut Cavern Concourse level
- Began grouting of re-groutable hoses at Station Underplatform level
- Began corrective action for installed crystalized glass above Stair 2

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

- Begin cleaning overpoured wale drains
- Begin installation of signage for water lines
- Begin fire caulking at Maintenance Hatch
- Begin painting exposed conduits on Concourse Level
- Begin and complete testing of Elevators added shunt trip
- Continue installation of steel flashing on Escalator sides
- Continue cleaning Escalator 1, 2, 3, 4, 5 and 6
- Continue water proofing of scallop walls at Platform level
- Continue general cleaning as required
- Continue installing reinforcements for unscheduled opening at Mezzanine level
- Completed installation grounding wire for cable trays

Schedule Highlights - Continued

- Completed installation of battery backup system for bi-fold door
- Completed installation of additional lights at Elevator 1 & 2 landing on Concourse level
- Continue installation of antennas for service provider

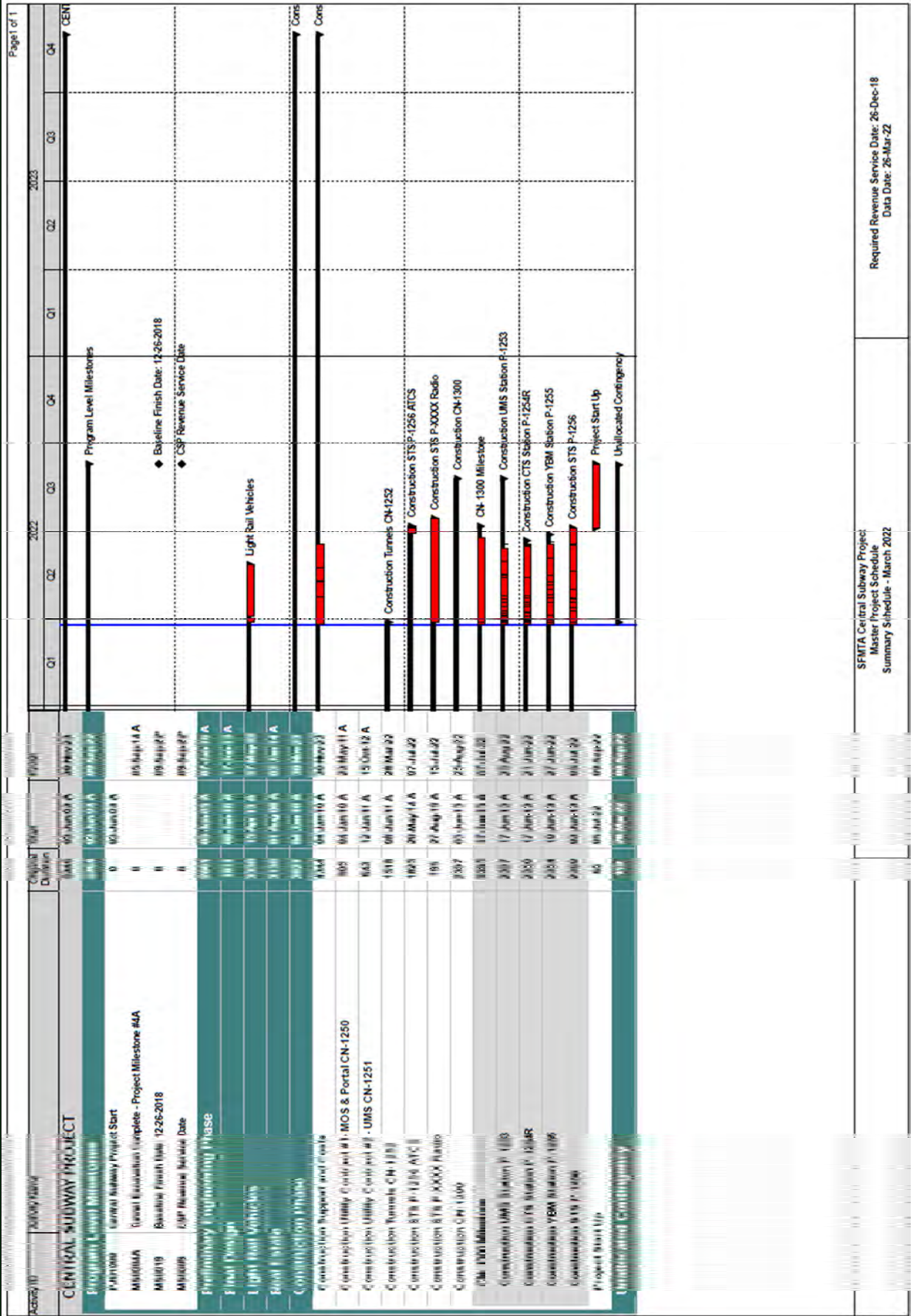
Work Package P-1255 (YBM) has performed the following work this month:

- Completed Station Agent Booth interior finish
- Completed Deluge Spray Pattern demonstration with SFFD
- Completed metal cladding installation at Escalator 1, 2 and 3
- Started Pulling Power and data cables for SFFD and Courtesy phones at platform.
- Started wrapping EV conduits with (3M) tape at mezzanine level

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

- Continued 4th/Brannan platform construction
- Continued traffic signal installation
- Continued surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continued trolley and Light Rail OCS installation on 4th Street
- Continued OCS, track and miscellaneous punch list work
- Continued ATCS and radio system testing

Master Project Schedule





CTS Platform Level elevators and escalators

Contracts & Construction

Construction Contracts In Progress

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

- Contractor: Tutor - Perini Corporation
- Amount: \$1,144.65 million
- Contract Status: 96.99% 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

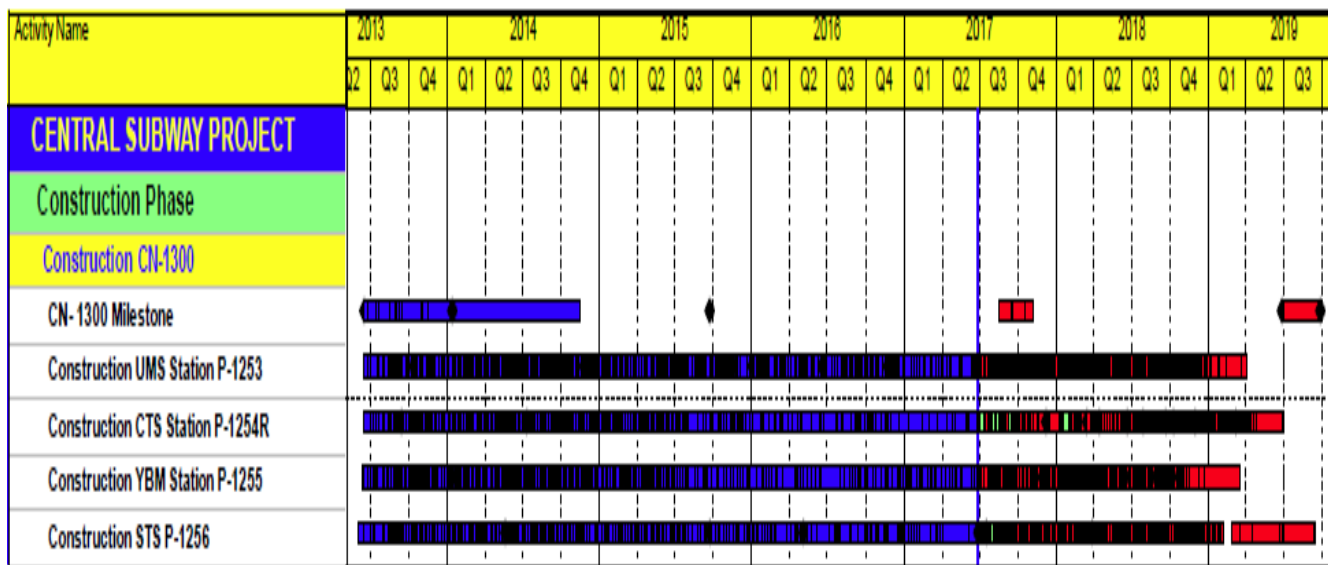
The Contract 1300 scope is to construct the Central Subway's three subway stations, one surface station, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

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 (\$):	\$305,400,113
Modifications to Date (Days):	1,052
Current Contract Value:	\$1,145,076,513

Budget/Expenditures▲	
Current Budget	\$1,130,545,999
Other Project Offset Credits	\$12,483,280
Expenditures to Date	\$1,146,228,307

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

- Completed remedial work for sagging glass canopy at Surface level
- Cubic completed installation of ticket vending machines at Concourse level
- Completed electrical grounding at Traction Power Room
- State Inspector inspected Elevators/ Escalators on 3/01/2022 and provided list of deficiencies
- Project team addressing Elevator/ Escalator deficiency items in preparation for State Inspection
- Continued Security/Access Control System Testing
- Continued installing communication cables at Concourse level
- Continued Testing Fire Alarm System
- Continued train testing at Crossover Cavern and train Platform
- Continue mitigating water leaks at Station Headhouse
- Continued installing plumbing system at Upper Mezzanine and Concourse levels
- Contractor continued closing out internal punch list items

- Continued installing GFRC panels at Surface/Plaza level
- Began installing Art Tiles along East wall at Crosscut Cavern Concourse level
- Began grouting of re-groutable hoses at Station Underplatform level
- Began corrective action for installed crystalized glass above Stair 2

Work Expected Next Month

- Continue addressing State Inspection deficiency items for Elevators 1, 2, 3 and 4
- Continue addressing State Inspection deficiency items for Escalators 1, 2, 3, 4, 5 and 6
- Continue mitigating water leaks at Station Headhouse
- Mobilize Waterproofing Experts to mitigate water leaks at Crossover Cavern
- Complete installing Art Tiles along East wall at Crosscut Cavern Concourse level
- Complete grouting of re-grout able hoses at Station Under platform level
- Mobilite to install cables for cellular coverage throughout Station

Chinatown Station

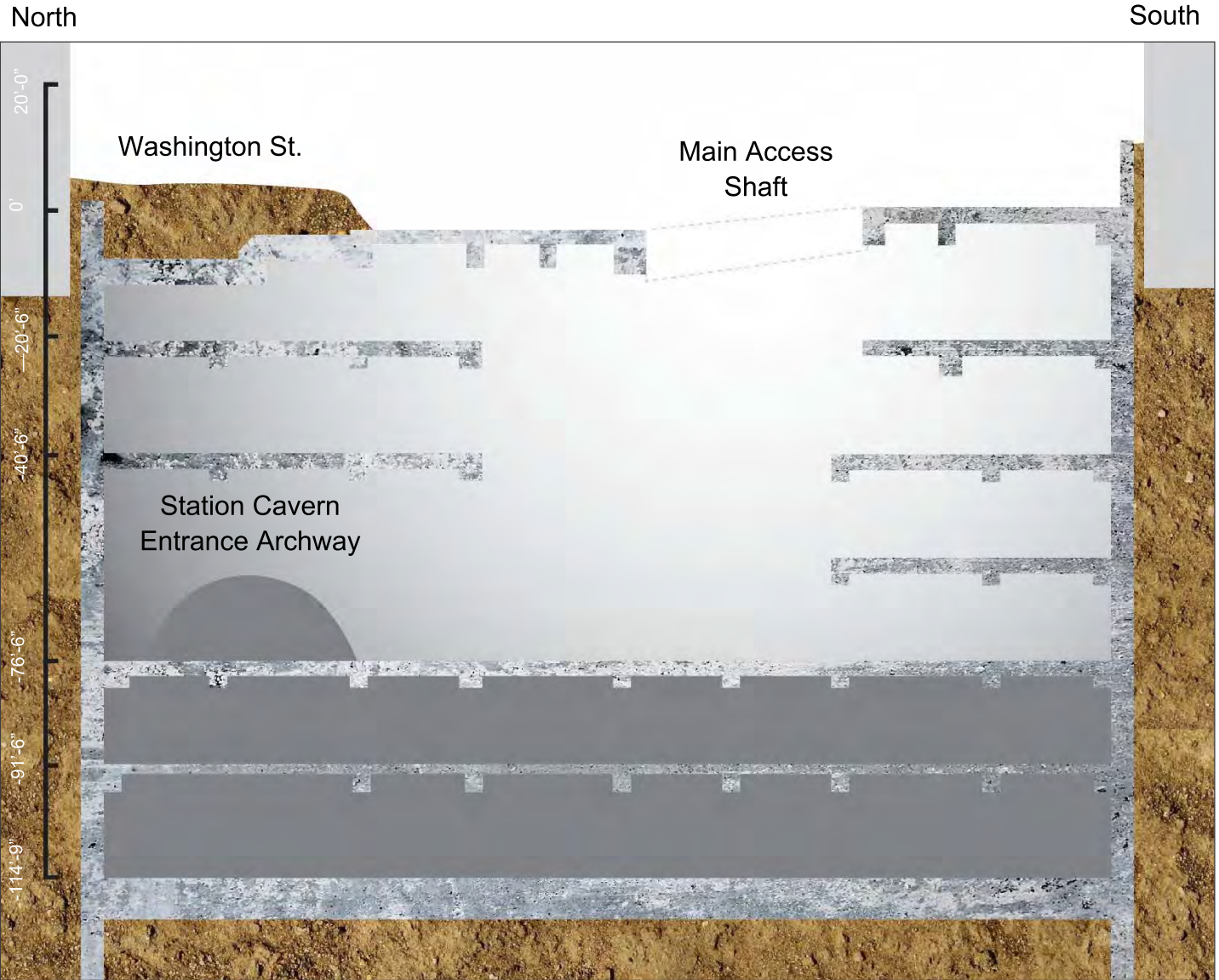
Contract 1300 - Work Package 1254R

- Contractor continue closing out internal punch list items
- Complete Security/Access Control System Testing
- Complete Fire Alarm System Testing
- Complete installing GFRC panels at Surface/Plaza level
- Complete corrective action for installed crystalized glass above Stair 2
- Begin roof flashing installation between schoolyard wall and Station West Wall
- Begin backfill of alleyway between Presbyterian Church and Station South Wall
- Install street traffic signal pole, pull boxes, and control box at intersection of Stockton/Washington
- Install new OCS trolley pole at West sidewalk along Stockton Street

Three Month Look Ahead

- Complete cavern grouting to embed waterproof membrane & leak remediation
- Complete safety certification checklist field items
- Obtain SFDBI final approvals
- Obtain SFFD final approvals
- Obtain Cal OSHA certifications
- Begin glass artwork installation plaza level
- Complete Systems Start up and Acceptance Testing

Station Construction Progress Section

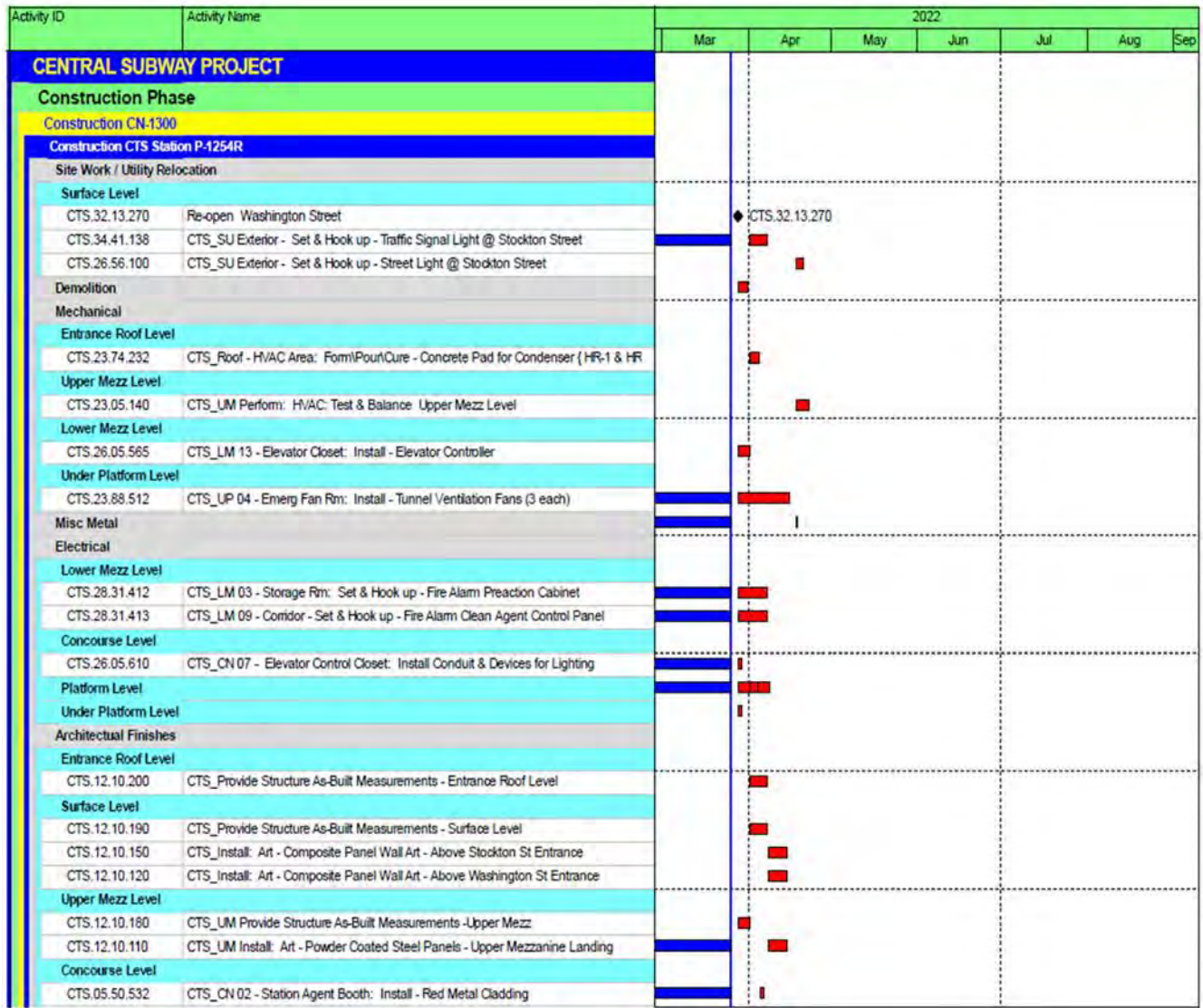


Chinatown Station Construction Status - Continued

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 (\$):	\$157,529,850
Modifications to Date (Days):	1,052
Current Contract Value:	\$405,527,659

Budget/Expenditures ▾	
Current Budget	\$392,247,198
Other Project Offset Credits	\$9,435,183
Expenditures to Date	\$395,613,256

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

- Begin cleaning overpoured wale drains
- Begin installation of signage for water lines
- Begin fire caulking at Maintenance Hatch
- Begin painting exposed conduits on Concourse Level
- Begin and complete testing of Elevators added shunt trip
- Continue installation of steel flashing on Escalator sides
- Continue cleaning Escalator 1, 2, 3, 4, 5 and 6
- Continue water proofing of scallop walls at Platform level
- Continue general cleaning as required
- Continue installing reinforcements for unscheduled opening at Mezzanine level
- Completed installation grounding wire for cable trays
- Completed installation of battery backup system for bi-fold door



- Completed installation of additional lights at Elevator 1 & 2 landing on Concourse level
- Continue installation of antennas for service provider

Work Expected Next Month

- Begin FSD layout at Platform level
- Begin installation of lights at Sector 6
- Begin installation of low pit plates at Escalators
- Begin installation of tactile plate at intersection of Stockton and O'Farrell Street
- Begin installation of BMC server
- Begin installation of ductwork at Auxiliary Electrical Room
- Relocate power supply in Main Communication Room
- Continue waterproofing of scallop walls on Platform level

Union Square/Market Street Station

Contract 1300 Work Package 1253

Three Month Look Ahead

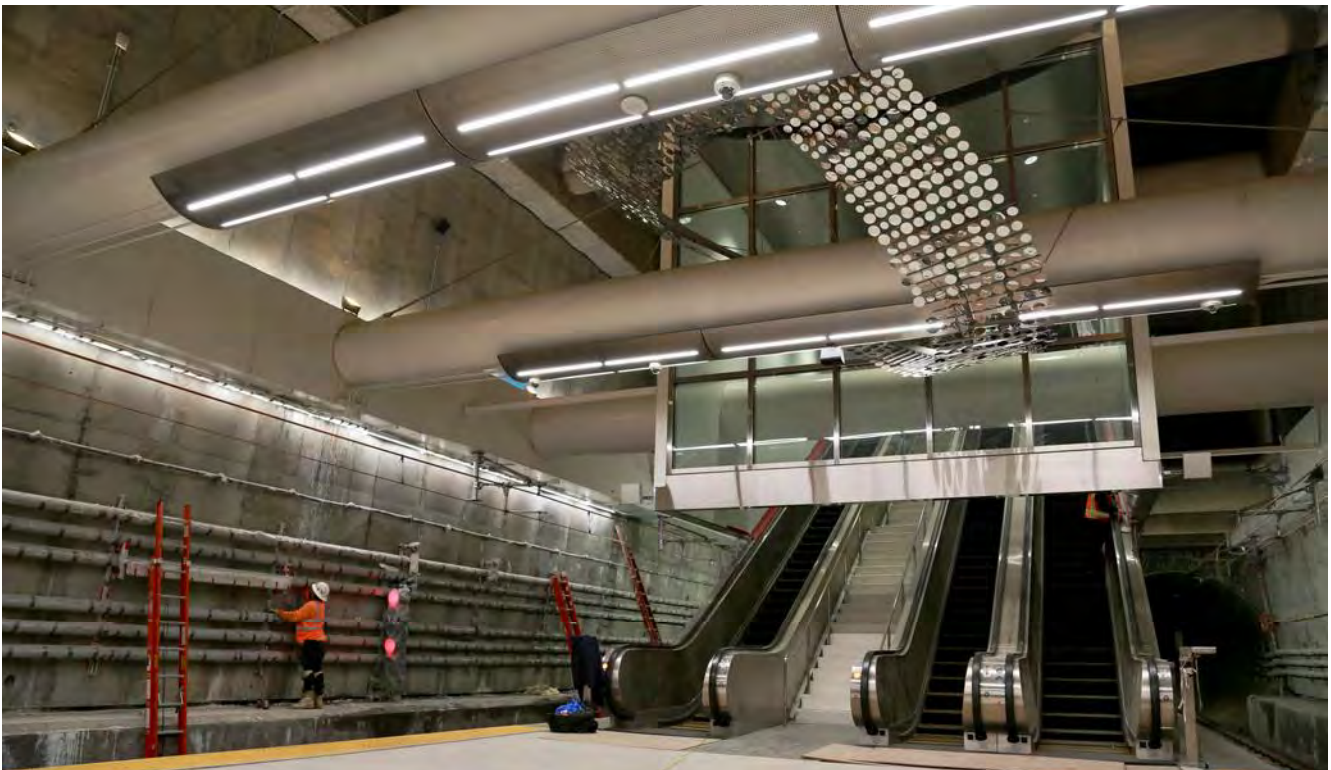
Completion of the following:

- Cleaning the station
- Waterproofing of scallop walls
- Installation of drain at Platform Strut Level
- Bird net installation
- Installation of end of platform gates for egress
- Extending the barrier wall at Concourse level
- Adding reinforcements to 42" CMU wall over glass panels

- HVAC and EV Startup and Testing
- Power and Lighting Startup and Testing
- Fire Alarm /PA / Security System Startup and Testing

Continued construction / begin installation and testing of the following:

- Overhead plumbing, fire protection piping and overhead fixture and electrical
- Access controls

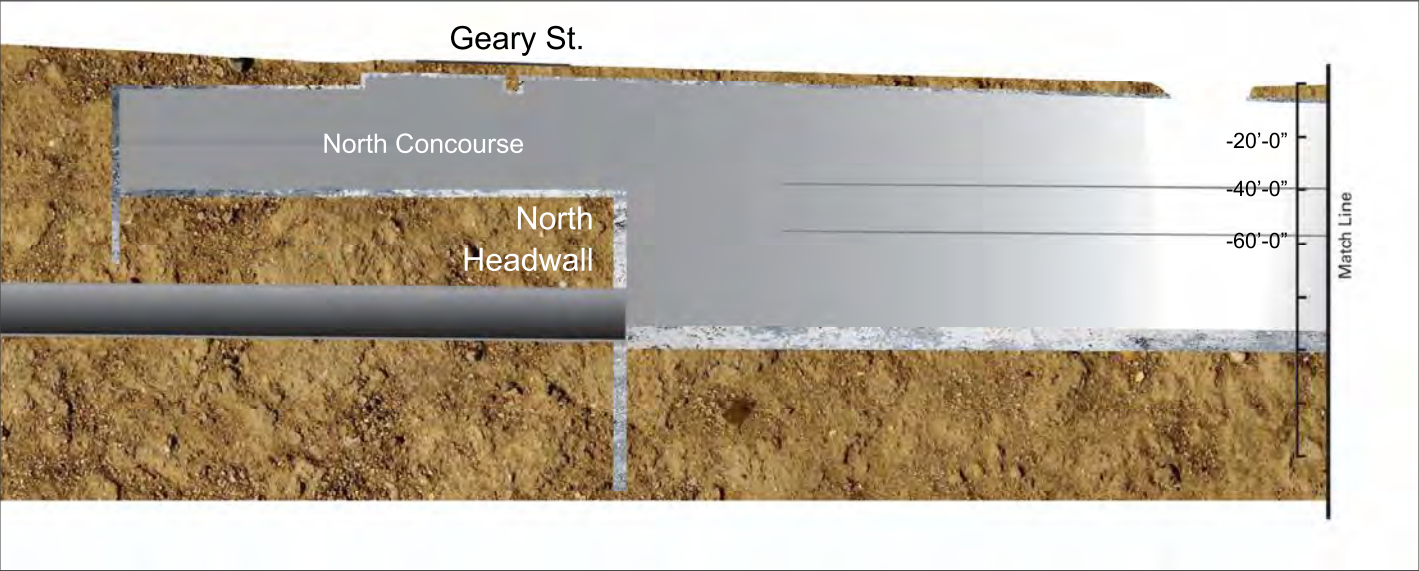


UMS Platform escalator entrance with decorative art

Station Excavation and Construction Progress Section

North

South



Union Square Market Street Station Construction - Continued

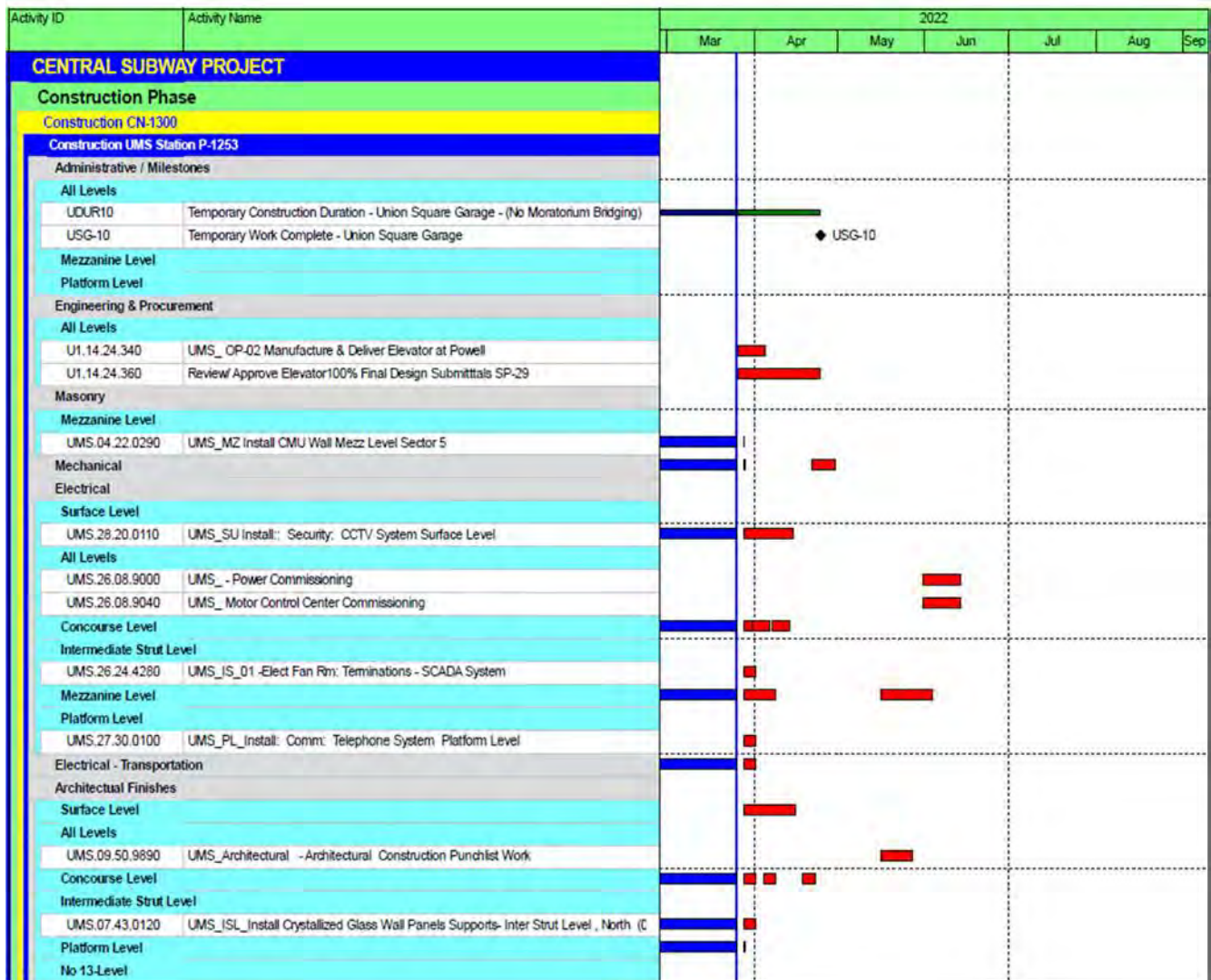
Contract Details

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	\$314,485,988

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

- Completed Station Agent Booth interior finish
- Completed Deluge Spray Pattern demonstration with SFFD
- Completed metal cladding installation at Escalator 1, 2 and 3
- Started pulling power and data cables for SFFD and Courtesy phones at Platform level
- Started wrapping EV conduits with (3M) tape at Mezzanine level



Work Expected Next Month

- Complete installing signage
- Install the remaining 1 VTM at Concourse level
- Complete Traction Power Gear Testing
- Complete Traction Power SCADA Testing
- Complete terminating wires for blue light emergency phones
- Complete Daiken Testing of reworked systems
- Complete Room Pressure Testing
- Complete installing emergency phones at all levels

Three Month Look Ahead

- Complete installing archeological display at Concourse level
- Complete installation of sculpture at Surface level
- Complete interior finishes on Mezzanine level
- Install the remaining 1 VTM at Concourse level
- Complete Traction Power Gear Testing
- Complete Traction Power SCADA Testing
- Complete terminating wires for blue light emergency phones
- Complete Heat Recovery Coils and Air Balance test

Yerba Buena/Moscone Station

Contract 1300 - Work Package 1255

- Complete Daiken Testing of reworked systems
- Complete Room Pressure Testing
- Complete installing emergency phones at all levels

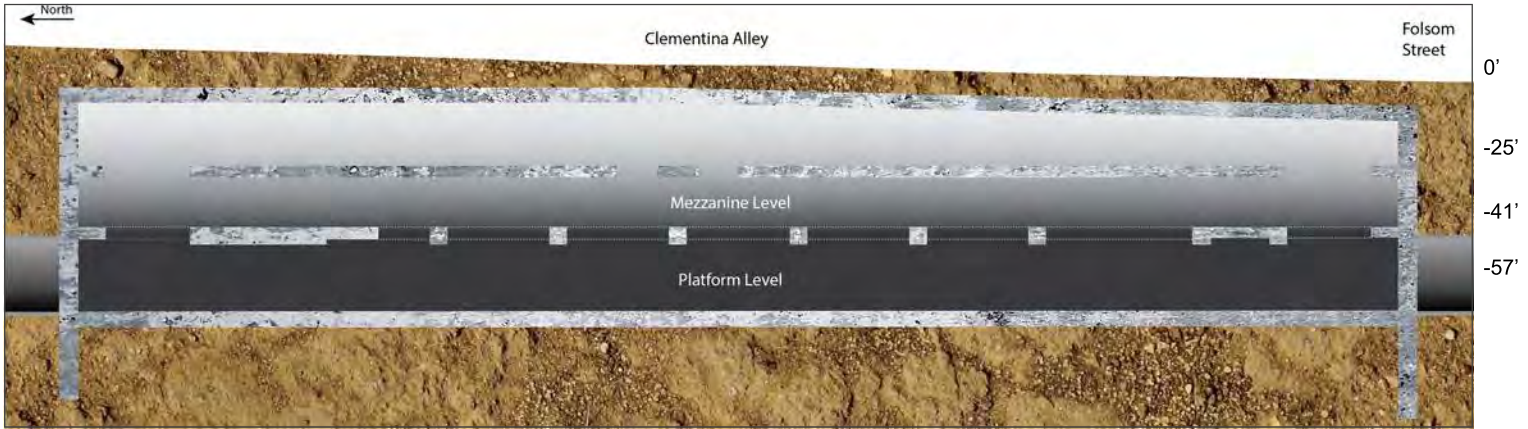


YBM Station entrance on the Surface Level

Station Excavation and Construction Progress Section

North

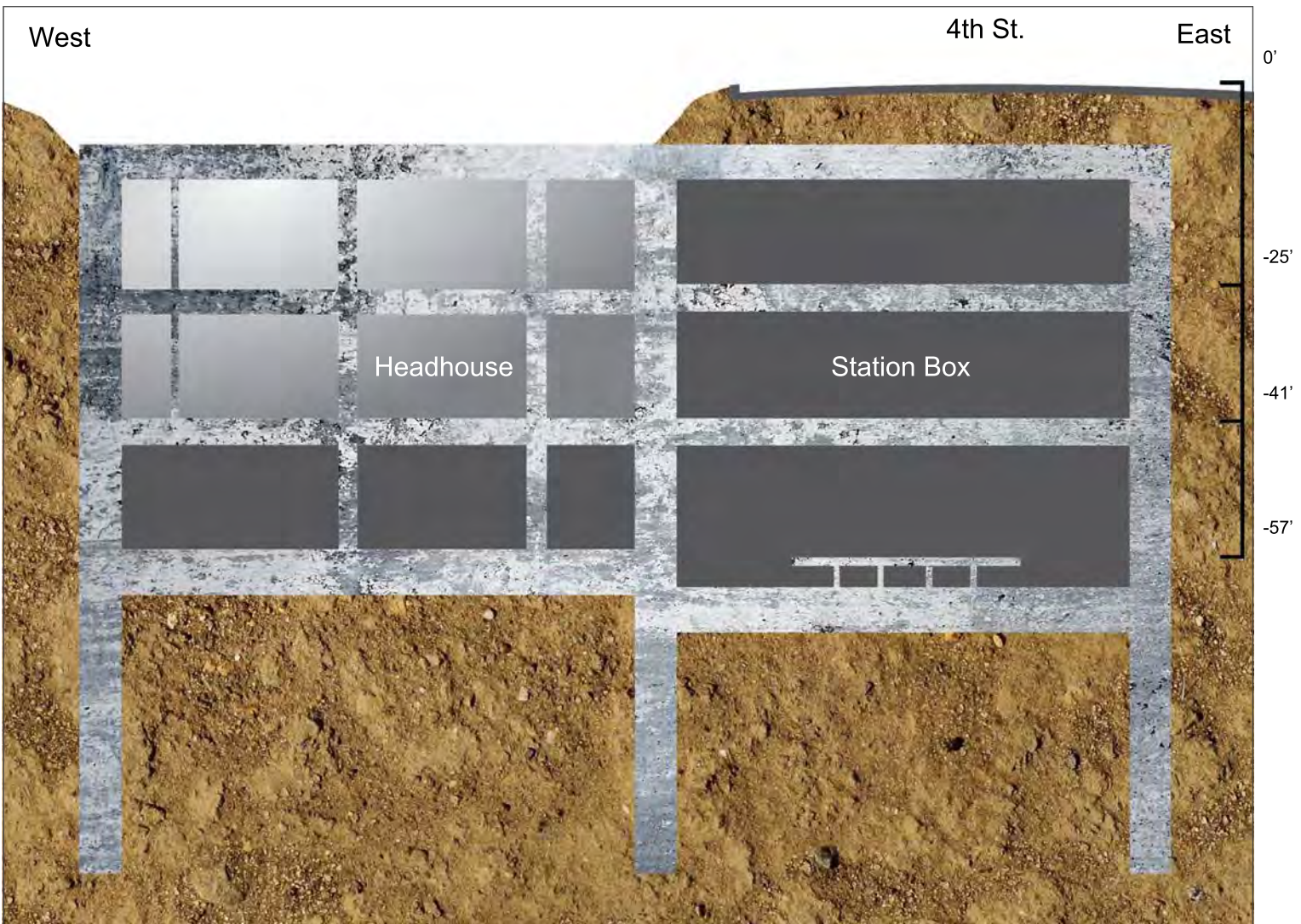
South



West

4th St.

East

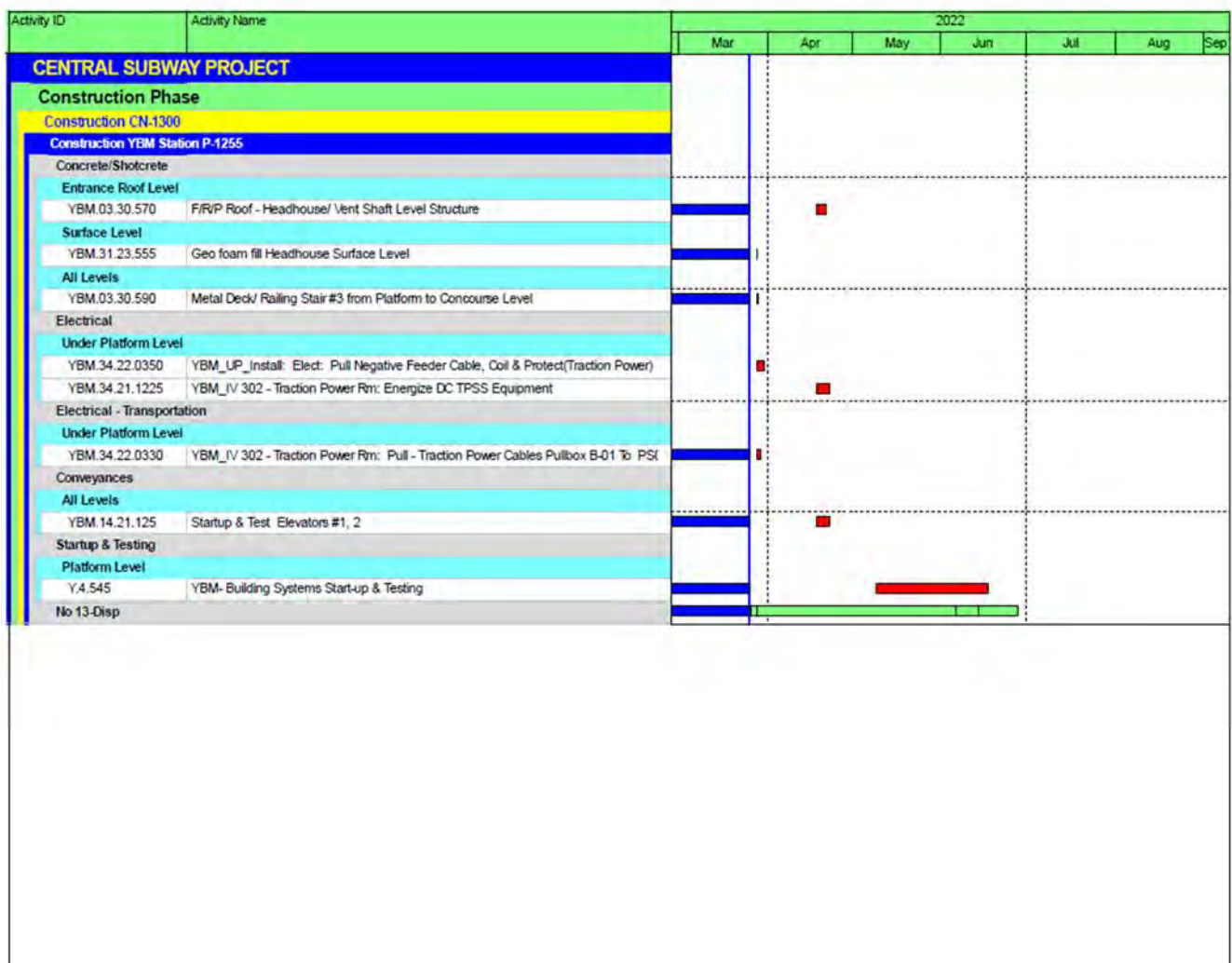


Yerba Buena Moscone Station Construction - Continued

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	\$162,567,918

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 traffic signal installation
- Continued surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continued trolley and Light Rail OCS installation on 4th Street
- Continued OCS, track and miscellaneous punch list work
- Continued ATCS and radio system testing

Work Expected Next Month

- Continue 4th/Brannan platform construction
- Complete streetlighting installation
- Continue surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continue OCS installation on surface
- Continue surface signaling work on 4th St.
- Continue traffic signal work on 4th St.
- Continue OCS, track and miscellaneous punch list work
- Continue ATCS and radio system testing



Three Month Look Ahead

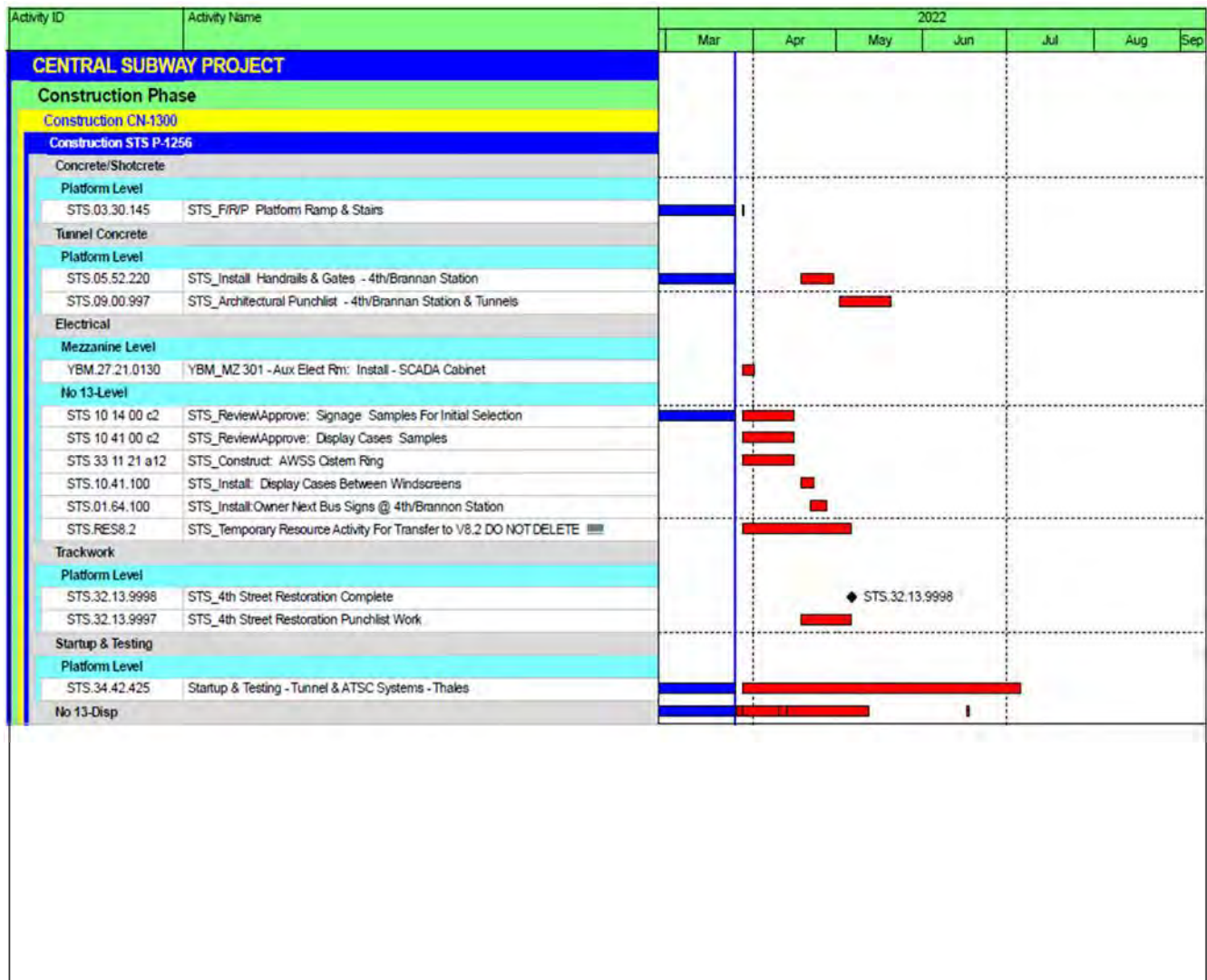
- Continue OCS support/wire installation on surface
- Continue 4th/Brannan platform construction
- Continue surface signaling work on 4th St.
- Continue traffic signal work on 4th St.
- Continue streetlighting installation
- Continue surface signaling fabrication and testing for 4th/King and Bluxome Crossover
- Continue OCS, track and miscellaneous punch list work

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	\$273,561,145

Systems, Track and Surface Station Three Month Schedule



Program Components

Community Outreach

Outreach public information, events and presentations for March 2022 include:

- Conducted Central Subway tours for community and business organizations
- Conducted Chinatown Merchants Meeting (Virtual)
- Conducted Central Subway Resident Stakeholder Meeting (Virtual)
- Conducted Community Advisory Group Year-in-Review Meeting (Virtual)
- Ongoing outreach to merchants and residents by e-mail and social media
- Produced quarterly construction update 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

Media coverage

Central Subway Media Coverage			
Date	Title (with link to story)	Source	Reporter/Writer
1/22/2022	Trains testing the new Muni Central Subway Line - YouTube	CBS KPIX Channel 5 SF Bay Area	CBS KPIX Channel 5 SF Bay Area
3/29/2022	Report: Central Subway Opening Likely to be Delayed Yet Again, Might Not Happen This Year	SFist	Joe Kukura
3/29/2022	Central Subway Likely To Be Delayed Yet Again, Federal Monitor Says	The San Francisco Standard	Matt Smith
3/30/2022	Report: San Francisco's Central Subway Project opening could be delayed again	ABC Channel 7 News	ABC Channel 7 News

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 Monthly Project Risk Mitigation, Safety and Security, and 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, four CNCRs were opened, three were dispositioned and two CNCR were closed.

- 603 CNCRS are currently posted to the CNCR Log
- 25 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 57 NCNs
- As of 1/24/2022, 23 NCNs have been resolved

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. In doing so, the Contractor proceeds at 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 has furnished and installed nonconforming OCS poles without meeting prerequisite certification requirements. Project QA issued STS NCN 003. The Contractor has not responded to the NCN but has opened a CNCR; no corrective action or disposition has been proposed. Contractor has voided the CNCR stating the company was no longer in business. We have discovered the original assets were bought by a new company and documents may be recoverable. The Contractor has been notified.
- The Contractor continues to VOID CNCRs without demonstrating that the work meets Con-

Quality Assurance - Continued

tract 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 schedule compression demands disrupting RE, design staff priorities, and work flows as mentioned above

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 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 took place on Tuesday, March 1, 2022. The members reviewed 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
267	Potential Water leaks at UMS Station	18
255	Water leaks at YBM station, including water in conduits	10
256	Potential water leaks at CTS station	10
266	Outstanding submittals and resubmissions related to safety and security certification requirement not being addressed.	9
257	Systems Test Integration between components does not work; fails	8
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
265	COVID-19 directly impacts progress of the work resulting in <u>increase</u> costs and schedule delays.	6
238	Quality Program is ineffective in processing the nonconformance items causing schedule impacts	6
230	SFMTA Commissioning Coordination (inaccurate time for coordination or participation from Muni Ops)	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. The City's Health Office continues to adjust these restrictions with changing conditions including Delta and Omicron variants of COVID which requires the City to adjust guidelines for indoor activities. With changing COVID conditions, the City's Health Office has adjusted guidelines related to masking and distancing for indoor and outdoor activities along with booster vaccination shots for those eligible. Effective at 12:01 am on April 21, 2022, following the latest guidance from the California Department of Public Health (CDPH), the San Francisco Department of Public Health (SFDPH) and the Federal Transit Administration (FTA), masks are no longer required to be worn on transit vehicles or in transit facilities, regardless of an individual's vaccination status. SFMTA is shifting to a "masks recommended" approach. There may be temporary situations when masking and/or physical distancing is required, such as if a location meets the criteria for a Cal/OSHA-defined "outbreak". In these situations, specific instructions will be shared with impacted staff. Construction of the Central Subway project continues to progress, and Construction Management team continues to monitor impact of the COVID restrictions on project schedule.

The project continues to progress towards substantial completion and startup and testing. Train testing continues as the project move forward with startup and testing requirement. The Contractor reported no cases in March. The cumulative number of staff that have undergone quarantine for the project is thirty-seven. All quarantined personnel have followed the appropriate procedures to return to work. The Contractor continues to follow 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. With the surge of the various variants of COVID, restrictions continue to be adjusted; the project team continues to have essential project staff on site to ensure safety of the staff and allow other staff to telecommute. As of March 7, 2022, the City and County of San Francisco has shifted to a requirement for city employees to work onsite at least two days per week.

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 March, 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. (The Contractor did not provide data for March 2022. We are currently showing the last data received from the Contractor.)

Program Safety & Security - continued

Project Safety Record - Contract 1300

Through Month End December 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 June 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	0.64
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
Total Project Incidents	0	0	0	0.00
Man Hours Worked Through M/E June 2021	118,037	194,108	312,145	

* 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.



STS Portal on 4th and Bryant

Staffing

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

	Jan-2022		Feb-2022		Mar-2022	
	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	4.20	4.80	4.20	4.80	4.20
Subtotal	22.10	18.95	22.10	18.95	22.10	18.95
Construction Management						
CM - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
CM - CN 1300	21.55	46.60	21.55	46.60	21.55	46.60
Design Support - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
Design Support - CN 1300	9.00	15.00	9.00	15.00	9.00	15.00
Subtotal	30.55	61.60	30.55	61.60	30.55	61.60
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	84.55	58.60	84.55	58.60	84.55

*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.



View of STS Portal

central **T** subway

Current Construction Activity



Chinatown (CTS)



Union Square/Market Street (UMS)



Yerba Buena/Moscone (YBM)



4th St. Surface Track, Systems (STS)





CTS view of headhouse escalators



Platform escalator design



Art ceiling at CTS Plaza



View of CTS Surface Level glass



UMS Concourse light art



UMS Concourse Level ticket booth installation



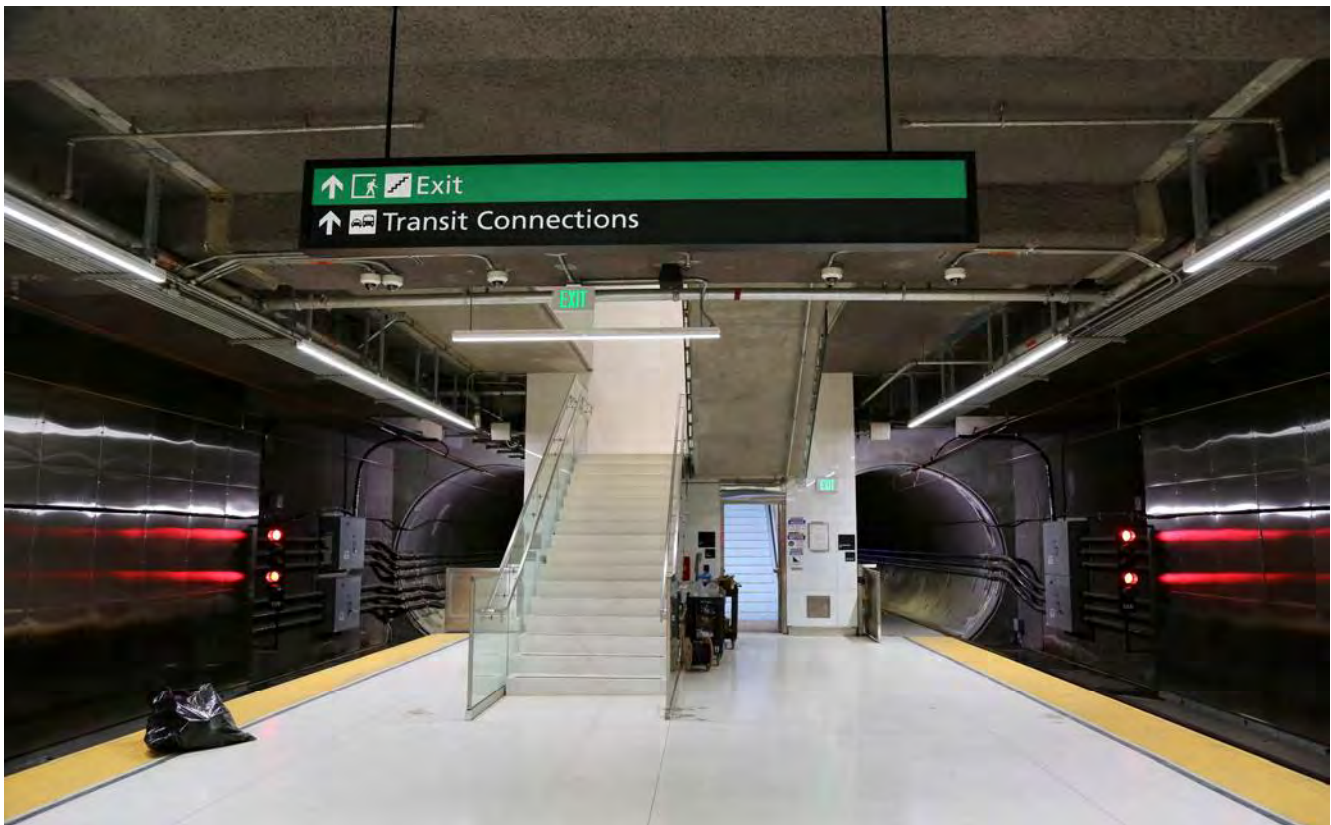
UMS escalators leading to Platform Level



UMS view of Northbound Tunnel looking South



YBM Station Agent Booth and decorative art



Stairs to Platform Level with installed traffic lights



Ticket booths on Concourse Level



Surface level elevators and glass art



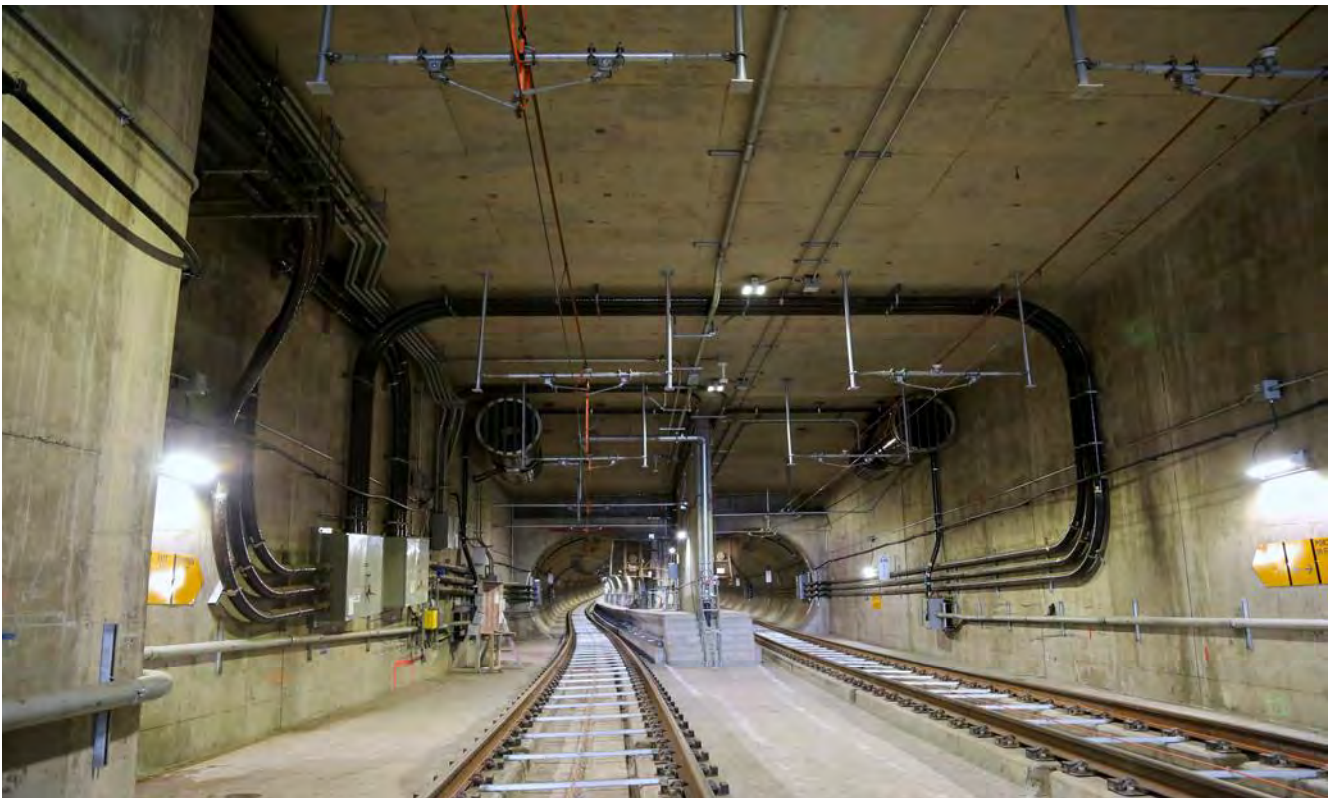
STS Platform on 4th Street



Surface traffic signal installation



View of electrical cabinet wiring for traffic signals



View of the portal entrance into the tunnel

Appendix A

DETAIL COST REPORTS

*March 2022 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 2022.

1. PROJECT COST

The revised Cost Estimate (CCE) for the Central Subway Project is \$1.894 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 \$1.931 B or \$353M above the original budget of \$1.578B. These revised estimates have been shared with our board and funding partners.

Total net incurred costs for the project are \$1,894.31 million. The cost to date figure reflects expenditures through FAMIS 786 Report (\$1,887.71 million) plus the utilities joint trench Form B Reimbursement payment (\$12.51 million), invoices currently being processed (\$20.42 million) and estimates of outstanding pay requests credits of (\$26.30 million). The project is working with Finance and Grants to secure and book all of the remaining funds to the program.

The current funding level to date has already been fully met which includes excess federal funds consisting of FTA 5309 Capital Investment Grant of \$23,121,562 appropriated in October 2021. The original total project budget of \$1.578 billion has already completed its original funding of the program in July 2020. The total revised project budget is currently \$1.900 billion, \$9 million above the original \$1.891 billion of the project budget due to extra funds received that will be included in contingency.

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT 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	142	12/31/2021	\$ 167,161.57
CS155.2	143	1/31/2022	\$ 155,546.00
CS155.2*	144	2/28/2022	\$ 155,546.00
CS155.2*	145	3/31/2022	\$ 155,546.00
CS155.3	142	1/31/2022	\$ 157,246.22
CS155.3	143	2/28/2022	\$ 145,151.62
CS155.3*	144	3/31/2022	\$ 145,151.62

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CN1300	98	12/31/2021	\$ 5,760,142.79
CN1300	99	1/31/2022	\$ 3,861,839.33
CN1300	100	2/28/2022	\$ 2,202,605.03
CN1300	101	3/31/2022	\$ 2,216,649.07
CS149	154	9/30/2021	\$ 1,254,720.23
CS149	155	10/31/2021	\$ 1,031,203.77
CS149	156	11/30/2021	\$ 933,939.96
CS149	157	12/31/2021	\$ 1,072,007.75
CS149*	158	1/31/2022	\$ 1,250,000.00
CS149*	159	2/28/2022	\$ 1,250,000.00
CS149*	160	3/31/2022	\$ 1,250,000.00
other accruals*		3/31/2022	\$(29,426,204.84)

* Estimated Amount \$ (5,876,604.40)

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 March 2022 Report, the Preliminary Earned Value Analysis reports is based on the SFMTA December Schedule Update. The Planned Value, Earned Value, Actual Cost, Percent Complete and resulting indexes as follows:

Preliminary March Earned Value

Overall Budgeted Cost:	\$1,900,275,322
Planned Value:	\$1,593,491,019
Earned Value:	\$1,511,414,981
Actual Cost:	\$1,894,308,175
Schedule Performance Index (SPI):	0.95
Cost Performance Index (CPI):	0.80
Percent Complete:	94.9%

SFMTA, EV Chart
 MARCH 31, 2022 Update

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										
	Preliminary Engineering Phase	03-Jun-03 A	15-Aug-24	94.85%	\$1,900,275,321.85	\$1,593,491,018.89	\$1,511,414,980.85	\$1,894,308,175.00	0.80	0.95
	Final Design	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
	Light Rail Vehicles	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
	Real Estate	15-Apr-13 A	27-May-22	8.25%	\$12,000,000.00	\$26,385,653.00	\$2,177,131.58	\$11,929,246.72	0.18	0.08
	Construction Phase	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 Support and Costs	03-Jan-10 A	30-Nov-23	96.44%	\$1,670,593,426.70	\$1,358,561,966.32	\$1,310,213,906.19	\$1,691,189,962.00	0.77	0.96
	Construction Utility Contract #1 - MO&S & Perail CN-1250	03-Jan-10 A	30-Nov-23	100.05%	\$259,589,090.00	\$199,862,849.06	\$199,968,710.13	\$267,972,990.87	0.75	1.00
	Construction Utility Contract #2 - UMS CN-1251	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 Tunnels CN-1252	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 STS P-1256 ATCS	08-Jun-11 A	28-Mar-22	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-XXXX Radio	20-May-14 A	07-Jul-22	96.91%	\$18,036,709.00	\$18,036,709.00	\$17,479,432.98	\$10,808,080.96	1.62	0.97
	Construction CN-1300	27-Aug-19 A	28-Mar-22	0.8%	\$4,809,852.50	\$4,841,950.49	\$38,735.60	\$32,068.00	1.21	0.01
	Unallocated Contingency	03-Jun-13 A	20-Jul-22	96.99%	\$1,122,009,290.70	\$851,989,678.54	\$826,355,321.19	\$1,146,228,307.36	0.72	0.97
	Project Management	28-Mar-22	08-Sep-22	0%	\$23,923,429.00	\$9,519,456.49	\$0.00	\$0.00	0.00	0.00
		09-Sep-22	15-Aug-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	\$965,321
Sect. 5307-OBAG	\$15,980	\$15,980
CMAQ	\$41,025	\$41,025
Federal Subtotal	\$999,205	\$1,022,326
State		
TCRP	\$14,000	\$14,000
State RIP	\$12,498	\$12,498
Prop. 1B (I-Bond)	\$308,601	\$312,236
PTIMSE	\$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	\$1,900,275

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

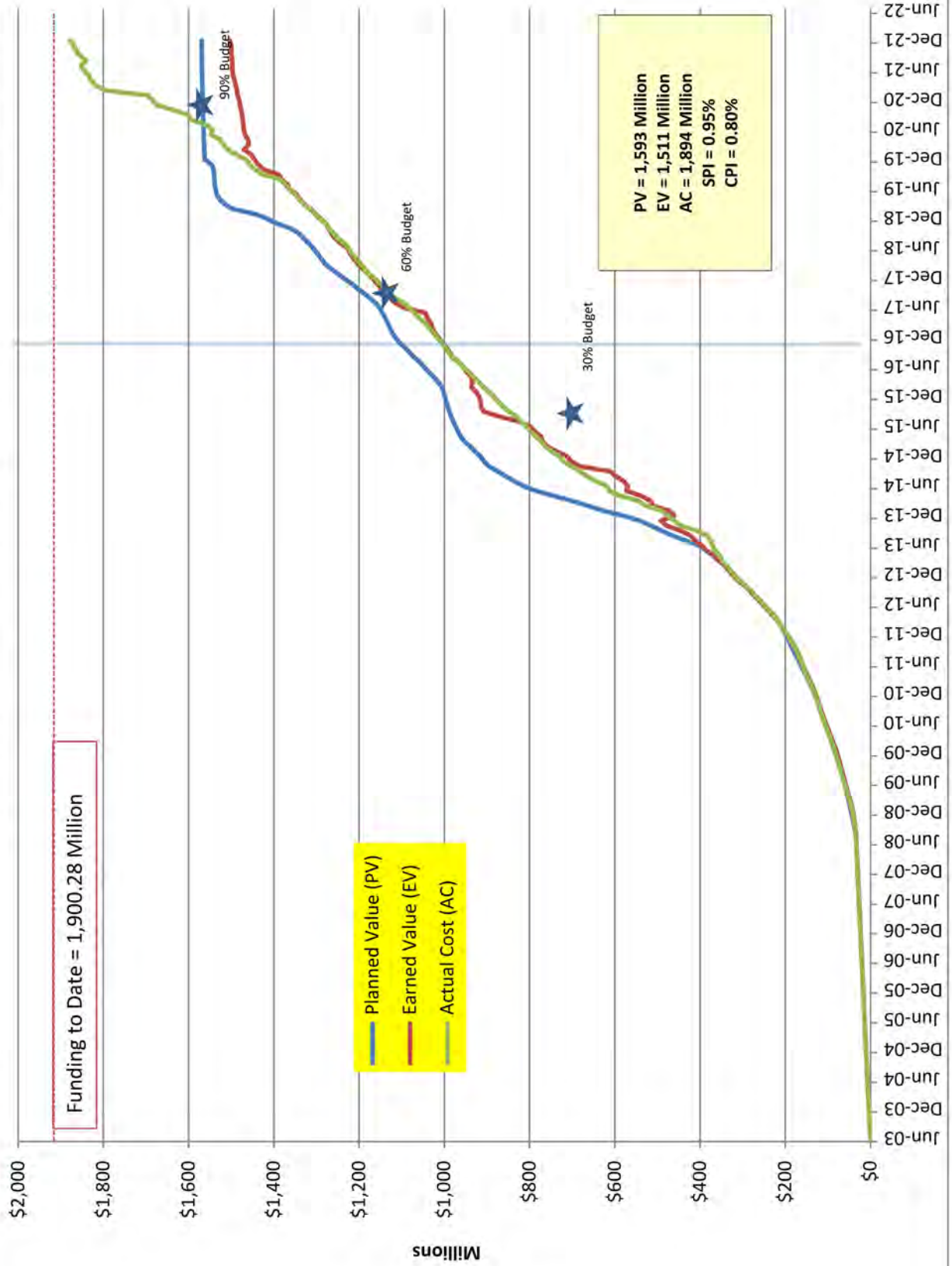
Project	Name	Amount	PM	Funding Source	Reporting
2	CPT690 TBM Retrieval Shaft Relocation	\$9,700,000	Funghi/Magary	MTA Operating Funds	no
3	CPT718 Chinatown Metro Plaza	\$6,980,000	J. Funghi	Transbay Redevelopment	no
4	CPT665 Central Subway Project - Goodwill	\$2,367,750	K. Magary	I-Bond Interest	no
5	CPT705 MOH - Broadway/Sansome	\$8,000,000	K. Magary	MTA Operating Funds	no
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
2	2017-2019 PG&E - Power Feed Reimbursement	\$7,624,540	--	Not yet bill PG&E	yes
3	6/26/2013 BART Elevator	\$90,000	68CPT544135B	Not yet rec'd BART Funds	yes
4	11/6/2013 Tutor Perini - CAD Files	\$2,500	68CPT5441236	Deposit to Design Index	yes
5	1/27/2014 SFPUC - Sewer Main	\$2,925,296	68W251	Certified in Contract 1300	yes
6	8/27/2014 SFMTA Traffic Effectiveness Project funded	\$694,651	68W324/686D42	Contract 1252 CMod #40	yes
7	9/27/2014 SFPUC - 24" Water Main	\$328,860	68CPT544135A	Contract 1252 CMod #41	yes
8	2/15/2015 Chinatown Plaza Construction Estimate	\$75,000	68CPT7181341	Contract 1300 CMod #6	yes
9	3/27/2015 SFPUC - 24" Water Main Additional Work	\$112,102	68W409	Contract 1252 CMod #48	yes
10	Support for North Beach Restoration, OCS and Streetlighting	\$155,468	68T73342D2/D3	Contract 1252 CMod #51	yes
11	6/27/2016 DPW - MOU for Water Line above YBM Station	\$438,218	68W592	Contract 1300 CMod #20	yes
12	SFWD - 8' water line at the intersection of Fourth and Jessie Street	\$21,020	68W456	Contract 1252 CMod #49 partial (\$2,102) and #60	yes
13	1/15/2020 CS-Chinatown Metro Plaza - CN1300	\$9,360,183	68CPT7181341	Contract 1300 CMod #123 partial	yes
Total:		\$34,055,792			

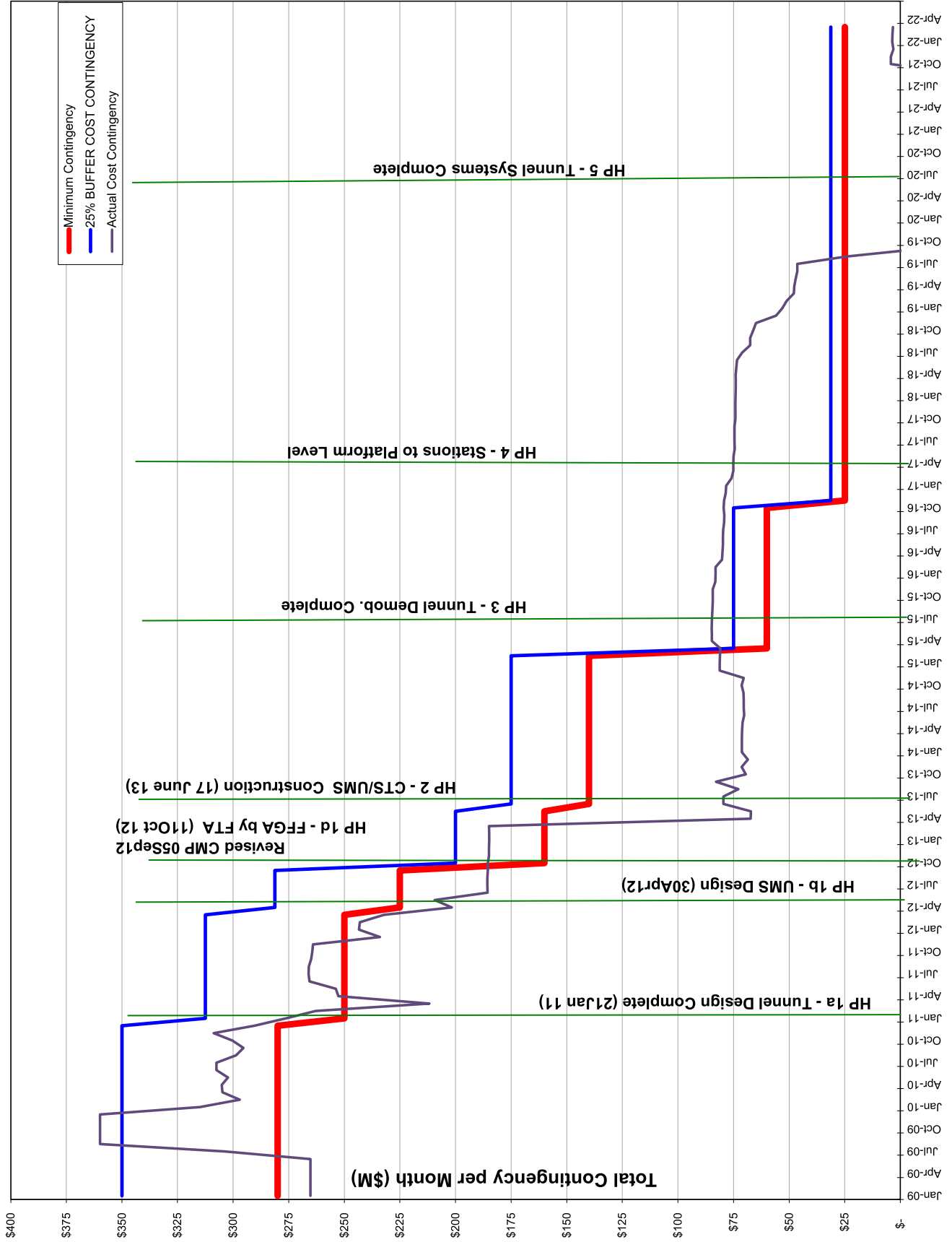
Earned Value Cash Flow Curve

Report Period: March 2022
7.2 EARNED VALUE CASH FLOW



Cost Contingency Drawdown

Report Period: March 2022
7.3 CONTINGENCY DRAWDOWN CURVE



COST ELEMENT	CONTRACT COST			ESTIMATE AT COMPLETION (EAC)	CONTINGENCY				BUDGET	VARIANCE	Cost Report Notes	
	ORIGINAL CONTRACT VALUE / SUPPLEMENTAL BUDGET	APPROVED CHANGES	CURRENT CONTRACT VALUE [a + b]		POTENTIAL CHANGES	ORIGINAL CONTRACT VALUE / SUPPLEMENTAL BUDGET	CONTINGENCY ADJUSTMENTS	REVISED AUTHORIZED CONTINGENCY	REMAINING CONTINGENCY AFTER APPROVED CHANGES DEDUCTED [h - b]	REMAINING CONTINGENCY AFTER POTENTIAL CHANGES DEDUCTED [i - d]		ORIGINAL CONTRACT VALUE + REVISED AUTHORIZED CONTINGENCY [a + h]
	a	b	c	d	e	f	g	h	i	j	k	
SCC 10-50 CONSTRUCTION CONTRACT PACKAGES												
1250 UTILITY RELOCATION PACKAGE #1 Contract 1260 Department of Technology	9,273,939	2,694,211	11,968,150		11,968,150	1,953,377	740,834	2,694,211			11,968,150	18
1251 UTILITY RELOCATION PACKAGE #2 Contract 1251 Department of Technology	166,756		166,756		166,756	5,367,297	(1,530,766)	3,836,531			166,756	19
1252 GUIDEWAY TUNNEL STATIONS	233,584,015	(72,762)	233,511,253		233,511,253	23,658,464	(23,731,226)	(72,763)			75,615	20
1300 1253 UNION SQUARE/MARKET ST STATION [UMS]	839,676,400	305,400,113	1,145,076,513	40,148,103	1,185,224,617	20,000,000	280,369,599	290,869,599	(14,530,514)	(54,678,618)	1,130,545,999	(1)
1254 CHINA TOWN STATION [CTS]	294,030,590	20,744,337	314,774,927	20,582	314,795,508	5,000,000	15,000,000	20,000,000	(744,337)	(764,918)	314,030,590	21
1255 YERBA BUENA / MOSCONE STATION [YBM]	247,567,810	157,959,949	405,527,659	20,070,555	425,598,213	5,000,000	139,679,388	144,679,388	(13,280,461)	(33,351,015)	392,247,198	22
1256 SURFACE TRACKWORK & SYSTEMS [STS]	158,089,000	4,889,959	162,978,959	64,877	163,043,836	5,000,000	10,000,000	15,000,000	10,110,041	10,045,164	173,089,000	
OTHER	139,989,000	121,805,969	261,794,969	19,992,090	281,787,059	5,000,000	175,690,211	111,190,211	(10,615,756)	(30,607,848)	251,179,211	
SCC 10 - 50 Construction Sub-total	39,932,508	23,775,304	63,698,812	63,698,812	63,698,812	2,056,645	10,560,000	26,956,595	(6,316,709)	(6,316,709)	66,882,103	23
SCC 60-80 SOFT COSTS PACKAGES	1,139,532,783	335,633,398	1,475,166,180	40,148,103	1,515,314,284	53,035,782	266,408,441	324,286,173	(20,847,223)	(60,995,327)	1,463,818,956	24
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
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	25
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	26
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	26a
SCC 90 UNALLOCATED CONTINGENCY						3,845,945	(261,295,781)	(257,449,836)	23,923,431	23,923,431	23,923,431	27
TOTAL	1,510,671,335	380,469,359	1,891,140,694	40,148,103	1,931,288,797	78,379,747	(19,826,938)	63,394,759	3,374,635	3,374,635	1,900,275,322	28
											1,931,288,797	29
											31,013,475	30
TOTAL											1,900,275,322	28
											1,931,288,797	29
											31,013,475	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.

Total Project Budget
Estimate At Completion
Variance

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **839,676,400** **\$1,145,076,513**
 Substantial Completion **Spring 2021** **Spring 2021**

Potential Changes	UMS	CTS	YBM	STS	COST REPORT NOTES
Change Order - Pending	20,582	20,070,555	64,877	19,992,090	31
CTS COR 2554 Plaza Lvl Fireproofed		786			
CTS PCC 1025 SU13A Grout Protection		537			
CTS PCC 863 Stair Nosing		413			
Job Readiness - CTS		(195,000)		(70,000)	
Job Readiness - STS					
Job Readiness - UMS					
Job Readiness - YBM			(70,000)		
STS COR 2129 Confirm Revised Routin				1,350	
STS COR 2266 Escalator Ultra violet				0	
STS PCC 1019 OCS Revisions at CTS				2,757	
STS PCC 1020 ATCS Cable Mod at Lenn				901	
STS PCC 1046 SCADA HMI Laptop OCC				1,003	
STS PCC 974 OCS Modifications CTS				7,160	
UMS PCC 1028 Fusible Disconnect Swi	6,399				
YBM PCC 1000 Esc 1 & 2 Cladding Fla			5,704		
YBM PCC 1017 Rmv-Rlct Wire & Conduit			624		
YBM PCC 1045 LEO Operators			843		
YBM PCC 824 Station Signage Revise			12,134		
YBM PCC 916 Revisions to IV302			17,062		
YBM PCC 970 Non-compliance Rectific			21,430		
Change Order Request (COR)					
COR 2656 UMS YBM ground test requir					
CTS COR 1042 SFWD Delay		53			
CTS COR 1966 Add'l Revision to Elev		119			
CTS COR 2165 Rebar at Stair 7 Slab		223			
CTS COR 2166 Layer of Rebar to CC A		454			
CTS COR 2330 Move Concrete Wall		381			
CTS COR 2350 Landscape Des. Issues		1,077			
CTS COR 2354 GFRC-1 Panel Det		1,897			
CTS COR 2363 Reloc. Switch Bank		5,718			
CTS COR 2385 Elev Rough Opening		736			
CTS COR 2398 GFRC Soffit		1,242			
CTS COR 2423 DBI Relocating Signs		742			
CTS COR 2433 H Beam Angle Rev		1,643			
CTS COR 2446 Chgs to Glass at Coil		3,497			
CTS COR 2447 EXP Joint Cover		1,895			
CTS COR 2449 Circuit Breaker Change		1,441			
CTS COR 2453 Rail Mod Due to Damper		1,179			
CTS COR 2461 Vent Shaft Drainage		2,570			
CTS COR 2466 CTS Power for UPS Batt		1,659			
CTS COR 2477 Stair Glass & Framing		4,008			
CTS COR 2495 Demountable GFRC		1,029			
CTS COR 2499 PSC Added Esc Barrier		88			
CTS COR 2520 Beam Conflict Stair 6		692			
CTS COR 2530 GFRC Panels Over Doors		2,399			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **839,676,400** **\$1,145,076,513**
 Substantial Completion **Spring 2021** **Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS COR 2558 power for door operato		804			
CTS COR 2567 GFRC plate details		1,607			
CTS COR 2575 Rolling Gate Add Hardw		167			
CTS COR 2594 Parapet Wall at Plaza		8,427			
CTS COR 2606 anti static floor		534			
CTS COR 2611 location of switches		1,001			
CTS COR 2615 relocation of crmu wall		2,200			
CTS COR 2622 added bathroom accesso		371			
CTS COR 2624 V-rail at crosscut cav		1,250			
CTS COR 2651 Install LEO Door Opera		89			
CTS COR 2661 area of refuge conflic		5,123			
CTS COR 2665 changes tele enc		308			
CTS COR 2688 HSS support GL C		1,658			
GEN COR 1686 T&M Delay Impacts					
STS COR 1676 Pavement Renovation De	149,020			20	
STS COR 2002 All Stations Keying Sc				214	
STS COR 2362 Doors Project Delay Im				5,711	
STS COR 2383 Signal Power Wiring De				235	
STS COR 2390 Termination Details fo				765	
STS COR 2434 Facilitate Routing of				2,542	
STS COR 2441 SCADA PLC Cabinet Powe				1,048	
STS COR 2452 Revise Radio Mount due				784	
STS COR 2493 Elevator Cabs CCTV Cab				2,196	
STS COR 2517 CAT XQ425 Generator wi				689	
STS COR 2533 Excavation Permit to P				189	
STS COR 2543 Groundwater Intrusion				2,220	
STS COR 2601 Plumbing and Fire Perm				207	
STS COR 2620 TCP for the Installati				1,173	
STS COR 428 Sewer Roof Repair Detai				986	
STS COR 487 Re inspection of 4th an	271			2,948	
UMS COR 2467 RPSC Change Door Stops	370				
UMS COR 2475 Acc Ctrl @ Door CN34B	442				
UMS COR 2500 Bart Powell New Elev E	802				
UMS COR 2566 revis sdwk pave grade	36,355				
UMS COR 2610 Elv Relocatoh of Existi					
YBM COR 2375 Access control for eme			6,009		
YBM COR 2399 Beam and Door Conflict			701		
YBM COR 2425 Surface Level Exterior			580		
YBM COR 2474 Revisions at Elevators			5,133		
YBM COR 2480 Metal panel cut-outs a			1,876		
YBM COR 2496 Elevator 3 & 4 Hoistwa			860		
YBM COR 2633 Water Intrusion			864		
Negotiation					
COR 2659 CTS fire air horn strobe		21			
CTS 2602 Station Agent Booth Cab Do		493			
CTS COR 1810 Aluminum Roll Up Door		0			
CTS COR 1827 PA Mounting Detail		0			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount
Substantial Completion

839,676,400
Spring 2021

\$1,145,076,513
Spring 2021

	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS COR 1898 Concrete Wall Rebar to		0			
CTS COR 1924 Main Power Grating		0			
CTS COR 2416 Rev Floor Mounting		1,078			
CTS COR 2484 Reloc.&Instl Sprinkler		99			
CTS COR 2487 Recess in Conc. Wall		230			
CTS COR 2516 Provide Specs Terrazzo		707			
CTS COR 2525 Provide OH Elect DD EI		842			
CTS COR 2532 Provide SPEC & DES Det		553			
CTS COR 2538 PSC Provide REV Mounti		164			
CTS COR 2555 Power to Radio Cabinet		39			
CTS COR 2560 conflict with sprinkle		2,249			
CTS COR 2574 Finish on Concrete Wal		247			
CTS COR 2576 additional finish requ		595			
CTS COR 2577 thin paver at doors		205			
CTS COR 2582 GFRC Closure Trim at C		565			
CTS COR 2584 Painting GSM Coping		73			
CTS COR 2588 Stair 7 Handrail Termi		206			
CTS COR 2591 stair 6 col. beam, sla		371			
CTS COR 2595 added ss closure		4,274			
CTS COR 2596 wayfinding signage cha		13			
CTS COR 2598 Wood Trim Artwork Para		735			
CTS COR 2604 cmoke door adj		69			
CTS COR 2605 sub 10 14.00 07 rev		94			
CTS COR 2611 location of switches		229			
CTS COR 2618 surface finish boxes		226			
CTS COR 2638 specs fm fire cabinet		224			
CTS COR 2639 parapet GSM coping		114			
CTS COR 2641 Stair 6 CMU Wall Suppo		141			
CTS COR 2645 TPO roof membrane sht		1,112			
CTS COR 2649 utility trough ceiling		2,475			
CTS COR 2650 revised electrical for		876			
CTS COR 2661 area of refuge conflic		1,079			
CTS COR 2664 surface F3 fixture		28			
CTS DSC		19,991,620			
CTS PCC 548 Spot Acceleration 2.15		0			
CTS PCC 593 Station Benches Change		0			
CTS PCC 924 Access for Pipes at CMU		905			
CTS PCC 932 Power to Rails		497			
CTS PCC 934 Re-groutable Hose Inje		19,650			
CTS PCC 943 Reactivate 12" AWSS		11,005			
CTS PCC 960 Cement Board for Terraz		1,431			
CTS PCC 966 Neg Grnd Disconnect Swi		3,482			
CTS PCC 973 Prtctv Fiberglass Pipe		13,220			
CTS PCC 989 Elevator-Escalator Room		42,207			
CTS PCC 993 12' Vehicular Lane		919			
STS COR 2549 DSC NOD Miss 2" Sleev				35	
STS COR 2557 Changes to End of Plat				1,601	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	\$1,145,076,513	
Substantial Completion		Spring 2021

	UMS	CTS	YBM	STS	COST REPORT NOTES
STS COR 2583 CTS Stair Interface, N				1,362	
STS COR 2586 & Direction to Tie In				256	
STS COR 2658 portal gate in conflic				130	
STS DSC				19,991,620	
STS PCC 1003 Traction Power K-6 Tie				2,009	
STS PCC 1039 OCS Support Rev SB UMS				1,041	
STS PCC 1044 Additional UTP Extend				182	
STS PCC 504 Traffic Control Require					
STS PCC 790 4th Street Portal Gate					
STS PCC 803 Add COVID Monitoring			1,292	3,604	
STS PCC 807 Cross Passage Door Fram				4,306	
STS PCC 921 OCS Dead End Revisions				1,520	
STS PCC 942 location of Directional				2,060	
STS PCC 957 ATCS RLB Support Mod				0	
STS PCC 980 Spot Acceleration				762	
UMS COR 2032 Mountaining Dtl Light	741			12,788	
UMS COR 2297 Steel Ch @ Joint	187				
UMS COR 2512 Confirm Removal/Abando	1,322				
UMS COR 2559 Sprinkler under Plat	1,127				
UMS COR 2627 sub 10 14 00-005	0				
UMS COR 2663 powell ele tile change	370				
UMS PCC 1006 Bird Netting Placement	3,857				
UMS PCC 1027 Relocate S Pltfm CCTV	9,915				
UMS PCC 1037 Glass Guardrail & Prec	180				
UMS PCC 1038 Install Limit Switch	2,886				
UMS PCC 802 Dit BART Faregate	(287)				
YBM COR 390 Chip Mezzanine Headwall			1,800		
YBM PCC 1010 Missing UPS Wiring			1,748		
YBM PCC 1016 Guardrail Esc Michn Rm			591		
YBM PCC 1030 Resolution of Elec Con			2,736		
YBM PCC 1054 Additional Water Mitig			302		
YBM PCC 1056 CCTV Camera Relocation			640		
YBM PCC 748 Added FSDs in Sector 3			3,188		
YBM PCC 770 Revised Wall Panels			2,875		
YBM PCC 889 Replace Transformer T-1			4,620		
YBM PCC 910 Water Remediation			302		
YBM PCC 939 Finishes for Gaps at Es			0		
YBM PCC 994 Esc Mac Rm Sliding Door			983		
Proposed Contract Change (PCC)					
CTS PCC 1002 T.Arais Artwork Scp Ch		12,207			
CTS PCC 1015 Removal of Hand&Gurad		96			
CTS PCC 1024 X3 Fixture Rev Location		14			
CTS PCC 1026 TPS East Wall Leak		6,247			
CTS PCC 1035 Rev1 Details of Subgrit		9,527			
CTS PCC 486Rev 1 Structural Slab Cha		1,143			
CTS PCC 548 Spot Acceleration		60,000			
CTS PCC 728Rev 1 Rev to Restroom Plz		313			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **839,676,400** **\$1,145,076,513**
 Substantial Completion **Spring 2021** **Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS PCC 937 Switchgear Anchor in TP		150			
CTS PCC 946 Cavern Grout Equivalent		5,225			
CTS PCC 971 Sidewalk Blockout for S		150			
CTS PCC 987 Provide Branch Selector		0			
CTS PCC 992 Protection for Cables		388			
CTS PCC628 Police Officer at Powell		4,500			
CTS PCC746 GFRC Framing Support		217			
STS PCC 1021 Tunnel Leak Repair				27	
STS PCC 1023 Traffic Barrier Remova				733	
STS PCC 618 Mod Swoosh Arm P1 P2				282	
STS PCC 725 ATS for CP5 Sump Pump				965	
STS PCC 831 ATCS Equip Transport				1,496	
STS PCC 938 Electrical Cabinet Revi				14	
STS PCC 958 Asbestos Testing Abate				300	
STS PCC 978 Delete Tiles & Barriers				(101)	
UMS PCC 1004 EOP Gate Clearance	460				
UMS PCC 1034R1 Instl Rmvb Guardrail	324				
UMS PCC 930 Pwr for Gap Breaker Rm	240				
UMS PCC 941 EV Fan Damper Guardrail	600				
YBM PCC 1032 Eye Wash Sta Relocatio			678		
YBM PCC 817 Revise Spindle Length			300		
YBM PCC 933 Lighting Revisions in M			3,000		
YBM PCC 949 Dtls for Esc Cladding			814		
YBM PCC 982 Protection for Neg Rtm			254		
Approved	20,744,337	157,959,849	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		
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					
CMod #033 CTS Various CORs		56,422			
CMod #034 CTS Various CORs		19,334			
CMod #035 STS PCC 077					
CMod #037 CTS Various CORs		8,886			
CMod #038 STS Various CORs					
CMod #039 UMS Various CORs					
CMod #040 YBM Analytical Soil Test	23,271				
CMod #049 STS DSC CORs			3,655		
CMod #050 STS DSC CORs					
CMod #053 STS DSC CORs					
CMod #081 Various DSC CORs & PCCs					
CMod #082 YBM COR 385			57,886		
			21,170		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **839,676,400** **\$1,145,076,513**
Substantial Completion **Spring 2021** **Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
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	48,149		64,287		
CMod #100 UMS PCC 102 Fire & Life			22,423	125,412	
CMod #101 YBM COR 75 Slurry Wall					
CMod #102 STS PCC 410 ATCS Ext Cable					
CMod #103 UMS PCC 345 Lead Paint	221,766	1,621,173			
CMod #104 CTS Soil CMod Suppl CMOD19					
CMod #105 UMS Schedule Recovery	732,979	970,131			
CMod #106 CTS COR 1080 Acceleration			1,500,787		
CMod #107 YBM PCC 446 COR 1425				50,400	
CMod #108 STS Various Changes	12,997		33,471		
CMod #109 YBM 109 Various CORs	118,911				
CMod #11 UMS PCC 002	337,401				
CMod #110 UMS COR 251 770 779 781			99,028		
CMod #111 STS PCC 457 Traffic Signal				38,012	
CMod #112 UMS Various Changes					
CMod #113 STS Various Changes				103,369	
CMod #114 YBM Various CORs					
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		57,707		1,666,735	
CMod #13 CTS COR 006					
CMod #130 ATCS					
CMod #131 PCC 569 EVAC Fire Alarm		10,382,106			
CMod #133 CTS Frontier Temper Claims				15,920,625	
CMod #136 Fire Alarm				1,210,445	
CMod #15 YBM COR 196			3,178		
CMod #16 UMS COR 184	8,261				
CMod #19 CTS COR 007, 026					
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 Safety Ard Power Po		25,956			
CMod #30 YBM Various CORs					
CMod #31 UMS COR 595	53,701		334,165		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **839,676,400** **\$1,145,076,513**
 Substantial Completion **Spring 2021** **Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
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 Undgrmd. Storage Tanks	97,817				
CMod #5 YBM Deletion of Comp Groutin			(1,833,869)		
CMod #51 YBM Various CORs and PCCs			24,875		
CMod #52 YBM Undgrmd. 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		66,592		90,081	
CMod #59 CTS DSC CORs		75,000			
CMod #6 CTS Plaza Constr Supt Servi					
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			66,949	
CMod #66 STS Sewer Notching	23,290				
CMod #67 UMS Solar/Low-e Coating				59,555	
CMod #68 STS Various CORs	49,682				
CMod #69 UMS Various CORs			178,079		
CMod #70 YBM Various CORs					
CMod #71 UMS Haz and Asbestos Abate	81,907				
CMod #72 YBM COR 249. 566					
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 Gardrill 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			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount **839,676,400** **\$1,145,076,513**
Substantial Completion **Spring 2021** **Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
Cmod #93 STS Coordinate of ATCS Work					
Cmod #94 UMS Various Changes	46,057				
CMod #95 UMS Bart Eiv Opt 2 Add Cost	400,000				
Cmod #96 UMS Comp Grout Quantities	775,000				
CMod #97 STS COR 322 Tunnel Cleaning			163,113	399,000	
CMod #98 YBM PCC 76 AWSS SSFM					
Cmod #99 UMS Various Changes	996,584			96,516	
CMod 073 - PCC 066 PB				108,053	
CMOD 24 STS PCC 23					
Cmod#119: UMS: Various Changes PCC 110, 124, 127 190, 191, 247, and 429					
Cmod#120: UMS: PCC 122R1 - UMS 1 1/2 inch Drain Piping Grout Details - Dowel Support	131,687				
Cmod#121: YBM: Various Changes COR 825, 1359, 1610 and PCC 320R1	560,280		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		1,777,926	0		
Cmod#886: YBM - Communications - dummy				0	
Cmod#889: STS - Automobile Bus Acceleration -dummy					
CTS CMod #122 Schedule Delay Costs		31,240,000			
STS CMod 045 PCC 008 Tunnel Lowering				107,285	
Grand Total	20,764,918	178,030,403	4,954,836	141,798,059	

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

		February 2022				March 2022				Report Period: March 2022	
Group by Contract & SCC	CATEGORY ITEM	February 2022 Base	February 2022 Allocated Contingency	February 2022 Base + Allocated Contingency (YOE)	March 2022 Base	March 2022 Allocated Contingency	March 2022 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [March 2022] vs. [February 2022]	Cost Report Notes		
10-50	CONSTRUCTION CONTRACT PACKAGES	1,480,750,270	(21,773,262)	1,463,818,958	1,480,750,270	(21,773,262)	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	1,144,942,553	(22,933,262)	1,122,009,291	1,144,942,553	(22,933,262)	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]	405,393,698	(13,146,500)	392,247,198	405,393,698	(13,146,500)	392,247,198	0			
	CTS 1254 Form B Credit	(451,703)		(451,703)	(451,703)		(451,703)	0			
1255: YBIM	YERBA BUENA/ MOSCONE STATION [YBIM]	162,978,959	10,110,042	173,089,001	162,978,959	10,110,042	173,089,001	0			
	YBIM 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 SFPUC SEWER MAIN CREDIT	(2,925,296)		(2,925,296)	(2,925,296)		(2,925,296)	0			
	STS 1256 Form B Credit	(1,000,000)		(1,000,000)	(1,000,000)		(1,000,000)	0			
OTHER	OTHER CONSTRUCTION TOTAL	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 CONTRACT 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

		February 2022				March 2022				Report Period: March 2022
Group by Contract & SCC	CATEGORY ITEM	February 2022 Base	February 2022 Allocated Contingency	February 2022 Base + Allocated Contingency (YOE)	March 2022 Base	March 2022 Allocated Contingency	March 2022 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [March 2022] vs. [February 2022]	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		
40.08	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	
80.04	CONSTRUCTION ADMINISTRATION & MANAGEMENT	125,777,105	0	125,777,105	125,777,105	0	125,777,105	0	36a	

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

		February 2022				March 2022				Report Period: March 2022	
Group by Contract & SCC	CATEGORY ITEM	February 2022 Base	February 2022 Allocated Contingency	February 2022 Base + Allocated Contingency (YOE)	March 2022 Base	March 2022 Allocated Contingency	March 2022 Base + Allocated Contingency (YOE)	March 2022 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [March 2022] vs. [February 2022]	Cost Report Notes	
80.05	INSURANCES	6,800,000		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	8,212,604	0		
80.07	SURVEYS, TESTING, INVESTIGATION, INSPECTION	933,100		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	8,300,329	0		
	ALL SCC CATEGORIES 10 TO 80	1,891,924,781	(20,414,840)	1,876,351,891	1,891,924,781	(20,414,840)	1,876,351,891	1,876,351,891		37	
90	UNALLOCATED CONTINGENCIES			23,923,434			23,923,434	23,923,434		38	
	TOTAL PROJECT COST 10 TO 100			1,900,275,326			1,900,275,326	1,900,275,326			
	TOTAL CONTINGENCY										
	CONTINGENCY MINIMUM										
	BELOW OR ABOVE MINIMUM										

COST STATUS BY CATEGORY	SCC CODES	Sum of Supplemental 2013 Budget	BUDGET February 2022	BUDGET March 2022	Sum of March 2022	Remaining Budget (Column H-Column I)	March 2022 EAC	March 2022 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	284,206,448	55,000	284,261,448	H	39
STATIONS, STOPS, TERMINALS, INTERMODAL	SCC 020	573,099,645	542,142,665	-	542,142,665	555,218,940	(13,076,275)	564,890,154		39
SITENETWORK & SPECIAL CONDITIONS	SCC 040	235,514,097	507,149,098	-	507,149,098	529,983,468	(22,834,370)	545,231,351		39
SYSTEMS	SCC 050	90,774,397	130,265,747	-	130,265,747	112,302,994	17,962,753	120,931,331		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	247,610,480	(11,090,906)	236,519,574		39
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,416,118	24,246,033	-	24,246,033	14,852,757	9,393,276	22,887,611		
UNALLOC CONTINGENCY	SCC 090	3,883,480	23,923,431	-	23,923,431	-	23,923,431	-		39
Grand Total		1,578,300,000	1,900,275,322	0	1,900,275,322	1,894,308,176	5,967,146	1,931,288,795		

SCC DESCRIPTION	March 2022 BUDGET	March 2022 CTD
010 - GUIDEWAY & TRACK ELEMENTS	284,261,448	284,206,448
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	542,142,665	555,218,940
040 - SITENETWORK & SPECIAL CONDITIONS	507,149,098	529,983,468
050 - SYSTEMS	130,265,747	112,302,994
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	369,948,334
090 - UNALLOCATED CONTINGENCY	23,923,431	0
Grand Total	1,900,275,322	1,894,308,176

SCC DESCRIPTION	March 2022 BUDGET	March 2022 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	69,816,407
010.07-Guideway: Underground tunnel	200,374,315	200,323,315
010.09-Track: Direct fixation	6,761,089	6,757,089
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	7,427,657
020.02-Aerial station, stop, shelter, mall, terminal, platform	(19,152,467)	0
020.03-Underground station, stop, shelter, mall, terminal, platform	522,020,200	525,501,309
020.04-OTHER STATIONS, LANDING, TERMINALS: INTERMODAL, FERRY, TROLLEY, ETC	9,360,183	0
020.07-Elevators, escalators	22,311,892	22,289,974
040.01-Demolition, Clearing, Earthwork	12,754,615	12,502,015
040.02-Site Utilities, Utility Relocation	68,753,443	80,456,704
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	9,423,125	9,423,125
040.04-Environmental mitigation, e.g. wetlands, historic/archeologic, parks	1,122,899	1,122,899
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	5,626,482
040.07-Automobile, bus, van accessways including roads, parking lots	6,579,099	24,340,779
040.08-Temporary Facilities and other indirect costs during construction	396,018,492	393,805,034
050.01-Train control and signals	38,688,008	32,153,367
050.02-Traffic signals and crossing protection	12,804,956	12,424,468
050.03-Traction power supply: substations	21,465,073	23,348,599
050.04-Traction power distribution: catenary and third rail	12,441,113	6,635,317
050.05-Communications	36,152,011	34,318,293
050.06-Fare collection system and equipment	6,100,000	841,265
050.07-Central Control	2,614,586	2,581,686
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	90,238,822
080.04-Construction Administration & Management	145,247,602	157,371,658
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	6,981,988
080.07-Surveys, Testing, Investigation, Inspection	933,100	908,184
080.08-Start up	8,300,329	622,389
090.00-Unallocated Contingency	23,923,431	0
Grand Total	1,900,275,322	1,894,308,176

[A] Cost Account Description	[B] Mar 2022 Budget (YOE)	ACTUAL COSTS					[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)			
TOTAL PRELIMINARY ENGINEERING	46,542,061	46,542,061	0	0	0	46,542,061	0	40	
11 - SFMTA PROJECT MANAGEMENT	8,800,164	8,253,957	0	0	0	8,253,957	546,208	41	
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	0	11,425,594	0	42	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	921,906	802,883	0	0	0	802,883	119,023		
21 - ARTS COMMISSION	1,500,570	1,500,570	0	0	0	1,500,570	0	43	
22 - FIRE DEPARTMENT	33,825	35,343	0	0	0	35,343	(1,518)		
23 - CITY ATTORNEY'S OFFICE	1,234,754	1,234,754	0	0	0	1,234,754	0		
24 - RISK MANAGEMENT	0	0	0	0	0	0	0		
26 - PLANNING	99,604	99,604	0	0	0	99,604	0		
27 - DEPARTMENT OF PUBLIC HEALTH (DPH)	4,420	4,420	0	0	0	4,420	0		
29 - CITY AUDITOR	336,735	336,735	0	0	0	336,735	0	44	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	3,336,432	3,336,432	0	0	0	3,336,432	0		
34 - DPW - IDC CONSTRUCTION (CAPITAL)	17,462	17,462	0	0	0	17,462	0		
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	76,549	76,549	0	0	0	76,549	0		
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	13,993	13,993	0	0	0	13,993	0		
51 - 821 HOWARD STREET	1,005,653	1,005,653	0	0	0	1,005,653	0		
55 - 651 BRANNAN	2,294,910	2,294,910	0	0	0	2,294,910	0	45	
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	26,793,234	26,793,234	0	0	0	26,793,234	0	46	
66 - ANIL VERMA	395,204	395,204	0	0	0	395,204	0	47	
67 - HILL INTERNATIONAL CONTRACT 156	6,716,294	6,716,294	0	0	0	6,716,294	0	48	
68 - ARTHUR GALLAGER & CO. CS 164	6,800,000	6,340,196	0	0	0	6,340,196	459,804		
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	5,469,336	5,469,336	0	0	0	5,469,336	0	49	
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	0	26,220,609	0	50	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	0	0	11,432,312	0	51	
331 - BAY AREA RAPID TRANSIT (BART)	146,427	146,427	0	0	0	146,427	0		
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)	0	81,597	0	0	0	81,597	(81,597)		
TOTAL FINAL DESIGN	115,075,988	114,034,067	0	0	0	114,034,067	1,041,921		
11 - SFMTA PROJECT MANAGEMENT	21,500,000	21,475,352	362,093	62,510	62,510	21,537,861	(37,861)		
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	21,500,000	21,475,352	362,093	62,510	62,510	21,537,861	(37,861)		
12 - SFMTA ENGINEERING SERVICES	2,923,582	3,674,812	13,839	0	0	3,674,812	(751,230)		
1.3.012.02.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1252	123,582	57,648	0	0	0	57,648	65,934		
1.3.012.06.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1300	2,800,000	3,617,164	13,839	0	0	3,617,164	(817,164)		
13 - SFMTA CONSTRUCTION MANAGEMENT	28,002,275	28,744,488	667,176	92,845	92,845	28,837,333	(835,058)		
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEMENT	28,002,275	28,744,488	667,176	92,845	92,845	28,837,333	(835,058)		
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,659,313	2,898,231	0	0	0	2,898,231	761,082		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	404,667	0	0	0	404,667	(105,067)		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	168,124	0	0	0	168,124	106,776		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	228,550	0	0	0	228,550	9,850		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	390,568	0	0	0	390,568	486,308		
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B84]	0	1,464	0	0	0	1,464	(1,464)		
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B86]	0	204,261	0	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	0	1,200,000		
1.3.016.08.040.08 - DPT:PCOS:2UTL [68A]	400,728	400,728	0	0	0	400,728	0		
1.3.016.08.040.08 - DPT:SSD CN:2UTL	0	108,020	0	0	0	108,020	(108,020)		
1.3.016.08.080.04 - DPT:SSD [1326]	252,536	252,536	0	0	0	252,536	0		
1.3.016.08.080.04 - DPT:SSD [13BN]	23,302	23,302	0	0	0	23,302	0		

[A] Cost Account Description	[B] Mar 2022 Budget (YOE)	ACTUAL COSTS					[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)			
1.3.016.08.080.04 - DPT:SSD [13CN]	963	963	0	0	0	963	0		
1.3.016.08.080.04 - DPT:SSD [B85]	92,008	92,008	0	0	0	92,008	0		
1.3.016.03.040.08 - PCOS:1300/UMS [68CPT544132W.CPT544132W]	0	163,411	0	0	0	163,411	(163,411)		
1.3.016.04.040.08 - PCOS:1300/CTS [68CPT544132X.CPT544132X]	0	0	0	0	0	0	0		
1.3.016.05.040.08 - PCOS:1300/YBM [68CPT544132Y.CPT544132Y]	0	207,537	0	0	0	207,537	(207,537)		
1.3.016.09.040.08 - PCOS:1300/STS [68CPT544132Z.CPT544132Z]	0	252,092	0	0	0	252,092	(252,092)		
17 - MOTIVE POWER	2,195	0	0	0	0	0	2,195		
1.3.017.07.040.02 - PWR:SFMTA-MOTIVE POWER-UTL,REL	2,195	0	0	0	0	0	2,195		
18 - SFMTA OPERATIONS	400,000	155,852	0	0	0	155,852	244,148		
1.3.018.04.040.02 - OPS:SUPPORT TO CONTRACT 1300/CTS	100,000	67,354	0	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	0	73,817	(23,561)		
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300/UMS	249,745	14,681	0	0	0	14,681	235,063		
19 - OTHER SFMTA	1,000,000	945,836	0	0	0	945,836	54,164		
1.3.019.07.080.07 - OTH:MTA SFMTA-SURVEY; TSTG [6840]	1,800	1,720	0	0	0	1,720	80		
1.3.019.08.040.08 - OTH:MTA 1251 MATERIALS	150,000	126,149	0	0	0	126,149	23,851		
1.3.019.08.080.07 - OTH:MTA OPERATION SUPPORT DURI	848,200	817,966	0	0	0	817,966	30,234		
21 - ARTS COMMISSION	12,010,886	6,586,583	0	0	0	6,586,583	5,424,303		
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION COSTS	3,769,932	0	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	0	388,167	1,331,220		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT544122]	21,000	12,465	0	0	0	12,465	8,535		
1.3.021.06.080.03 - ARTS:CTYCO-ARTS COMMISSION PM [285MC.132J]	834,264	999,377	0	0	0	999,377	(165,113)		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWA335MPFUNA.CPT544132]	10,149	11,093	0	0	0	11,093	(944)		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT544132]	4,439	4,439	0	0	0	4,439	0		
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT5441327.CPT5441327]	1,393,660	1,397,606	0	0	0	1,397,606	(3,946)		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT5441327]	3,011,963	3,773,436	0	0	0	3,773,436	(761,473)		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [132J]	86,091	0	0	0	0	0	86,091		
1.3.021.97.040.06 - ARTS:ARTS COMMISSION_ALLOC CO	1,160,000	0	0	0	0	0	1,160,000		
23 - CITY ATTORNEY'S OFFICE	2,171,781	3,496,088	421,112	0	0	3,496,088	(1,324,307)		
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	3,496,088	421,112	0	0	3,496,088	(1,324,307)		
25 - PUBLIC UTILITIES COMMISSION SEWER	(2,925,296)	0	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	0	(2,925,296)		
26 - PLANNING	137,062	26,697	0	0	0	26,697	110,365		
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	26,697	0	0	0	26,697	110,365		
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	5,437,085	0	0	0	5,437,085	(1,195,073)		
1.3.028.02.040.02 - CM:CTYCO-PUBLIC UTIL COMM. (PUC)	0	4,745	0	0	0	4,745	(4,745)		
1.3.028.02.040.08 - PUC: FIELD OPERATIONS TUNNEL	398,400	528,347	0	0	0	528,347	(129,947)		
1.3.028.02.080.04 - PUC:MTA CSP CN1252 [470465]	105,000	91,587	0	0	0	91,587	13,413		
1.3.028.03.040.02 - PUC:CDD CONTRACT 1300/UMS SUPPORT	606,354	852,013	0	0	0	852,013	(245,659)		
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	48,770	0	0	0	48,770	181,230		
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	245,688	0	0	0	245,688	26,067		
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	97,695	0	0	0	97,695	17,305		
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPORT	450,282	860,157	0	0	0	860,157	(409,875)		
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	155,783	0	0	0	155,783	28,217		
1.3.028.06.040.02 - PUC:CMB CONTRACT 1300/SFWD AWSS MATERIAL	225,079	474,781	0	0	0	474,781	(249,702)		
1.3.028.07.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1250	248,035	291,501	0	0	0	291,501	(43,466)		
1.3.028.07.080.04 - PUC:PUC CDD WATER CONNECTION CONTRACT 1250	74,468	113,844	0	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	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	0	318,130	22,180		
1.3.028.08.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1251	266,252	289,424	0	0	0	289,424	(23,172)		

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1.3.028.09.040.02 - PUC:CMB CONTRACT 1300/STS SUPPORT	520,077	507,749	0	0	507,749	12,328			
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 CNI300 UMS SUPPORT	297,938	130,415	0	0	130,415	167,523			
1.3.032.04.080.04 - DPW IDC HYDRAULIC CNI300 CTS SUPPORT	295,639	22,125	0	0	22,125	273,514			
1.3.032.05.080.04 - DPW IDC HYDRAULIC CNI300 YBM SUPPORT	301,882	58,932	0	0	58,932	242,950			
1.3.032.06.080.04 - 1424J-BOE LABOR [PWEI:X5MPFUNA.CPT544112B112]	85,275	85,275	0	0	85,275	0		53	
1.3.032.06.080.04 - 1424J-BOE LABOR [PWEI:X5MPFUNA.CPT544112C112]	109,658	109,658	0	0	109,658	0		54	
1.3.032.06.080.04 - 1424J-BOE LABOR [PWEI:X5MPFUNA.CPT544112D112]	15,791	15,791	0	0	15,791	0		55	
1.3.032.06.080.04 - 1424J-BOE LABOR [PWEI:X5MPFUNA.CPT544112E112]	11,193	11,193	0	0	11,193	0		56	
1.3.032.06.080.04 - 1424J-BOE LABOR [PWEI:X5MPFUNA.CPT544112F112]	107,798	107,798	0	0	107,798	0		57	
1.3.032.06.080.04 - 1424J-BOE LABOR [PWEI:X5MPFUNA.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 CNI300 STS SUPPORT	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			
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) - CNI1252 [13C]	18,632	16,880	0	0	16,880	1,753			
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) - CNI1300 [13C]	41,379	24,761	0	0	24,761	16,618			
46 - MACYS WEST - SFPUC SEWER WORK	258,202	258,202	0	0	258,202	0			
1.3.046.08.040.02 - MCY:SWRC. CONTRACT: MACYS-SEW	258,202	258,202	0	0	258,202	0			
51 - 821 HOWARD STREET	770,843	765,815	0	0	765,815	5,028			
1.3.051.01.080.03 - ODC:HWRD:ODCS - 821 HOWARD STR	696,753	712,891	0	0	712,891	(16,138)			
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	30,168	0	0	30,168	24,832			
1.3.051.06.080.04 - ODC:HWRD:W/MTA INST WTR SVC @ STS&YBM TRAILER	9,090	21,700	0	0	21,700	(12,610)			
53 - 651 BRANNAN	10,348	10,348	0	0	10,348	0			
1.3.055.01.080.03 - CM:FOCS - 651 BRANNAN STREET	10,348	10,348	0	0	10,348	0		59	
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	83,748,067	91,315,713	5,811,774	888,177	92,203,890	(8,455,823)			
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	

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		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total			
1.3.063.01.080.04 - CM:AECOM.CS1490M-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.CS1490M-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.CS1490M-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.CS1490M-EPC JV CS-149 [3F]	4,101,466	4,101,466	0	0	4,101,466	(0)		
1.3.063.01.080.03 - CM:AECOM.CS1490M-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.CS1490M-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.CS1490M-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.CS1490M-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.CS1490M-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.CS1490M-EPC JV CS-149 [3i]	5,582,974	5,582,974	0	0	5,582,974	(0)		
1.3.063.01.080.03 - CM:AECOM.CS1490M-EPC JV CS-149 [3i][PM]	1,395,744	1,395,744	0	0	1,395,744	1,666,969		
1.3.063.01.080.04 - CM:AECOM.CS1490M-EPC JV CS-149 [3j]	7,000,000	7,000,000	0	0	7,000,000	1,195,041		
1.3.063.01.080.03 - CM:AECOM.CS1490M-EPC JV CS-149 [3j][PM]	2,590,785	2,590,785	0	0	2,590,785	918,599		
1.3.063.01.080.04 - CM:AECOM.CS1490M-EPC JV CS-149 [3m]	10,070,497	10,070,497	0	0	10,070,497	479,650		
1.3.063.01.080.03 - CM:AECOM.CS1490M-EPC JV CS-149 [3m][PM]	2,517,624	2,517,624	0	0	2,517,624	27,681		
1.3.063.01.080.04 - CM:AECOM.CS1490M-EPC JV CS-149 [3n]	2,400,000	2,400,000	0	0	2,400,000	6,920		
1.3.063.01.080.03 - CM:AECOM.CS1490M-EPC JV CS-149 [3n][PM]	600,000	600,000	4,200,978	177,635	13,035,542	(10,635,542)		
1.3.063.01.080.04 - CM:AECOM.CS1490M-EPC JV CS-149 [9B]	11,042	11,042	0	0	11,042	(2,658,886)		
1.3.063.01.080.03 - CM:AECOM.CS1490M-EPC JV CS-149 [9D]	515,694	515,694	0	0	515,694	0		
1.3.063.01.080.04 - CM:AECOM.CS1490M-EPC JV CS-149 [9E]	523,943	523,943	0	0	523,943	0		
1.3.063.01.080.03 - CM:AECOM.CS1490M-EPC JV CS-149 [9F]	461,196	461,196	0	0	461,196	0		
1.3.063.01.080.04 - CM:AECOM.CS1490M-EPC JV CS-149 [9G]	501,912	501,912	0	0	501,912	0		
1.3.063.01.080.03 - CM:AECOM.CS1490M-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.CS1490M-EPC JV CS-149 [9I]	2,974,444	2,974,444	0	0	3,039,000	(64,556)		
1.3.063.01.080.03 - CM:AECOM.CS1490M-EPC JV CS-149 [9J]	3,000,000	3,000,000	0	0	2,275,598	724,402		
1.3.063.01.080.04 - CM:AECOM.CS1490M-EPC JV CS-149 [9m]	1,500,000	1,500,000	0	0	1,455,059	44,941		
1.3.063.01.080.03 - CM:AECOM.CS1490M-EPC JV CS-149 [9n]	1,000,000	1,000,000	560,552	0	1,161,042	(161,042)		
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	25,472,791	507,478	471,161	25,943,952	(2,806,372)		
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	51,351	65,601	824	0	65,601	(14,250)	64	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	23,086,229	25,407,190	506,654	471,161	25,878,351	(2,792,122)		
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	7,988,979	8,281,336	-827,855	1,494,850	9,776,186	(1,787,207)		
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	8,191,545	(827,855)	1,494,850	9,686,395	(1,787,416)		
81 - UTILITIES RELOCATION #1 (PORTAL & MOS) - CONTRACT 1250	11,968,150	11,968,150	0	0	11,968,150	0		

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		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total				
1.3.081.07.040.01 - UR1.CONTRACT 1250:SITWORK: DEMOLIT	167,458	167,458	0	0	0	167,458	0		
1.3.081.07.040.02 - UR1.CONTRACT 1250:SITWORK: UTILITI	10,099,341	10,099,341	0	0	0	10,099,341	0		
1.3.081.07.040.03 - UR1.CONTRACT 1250:SITWORK:HAZMAT	453,321	453,321	0	0	0	453,321	0		
1.3.081.07.040.08 - UR1.CONTRACT 1250:SITWORK:TEMPORAR	1,248,030	1,248,030	0	0	0	1,248,030	0		
82 - UTILITIES RELOCATION #2 (UMS) - CONTRACT 1251	20,669,081	20,669,081	0	0	0	20,669,081	(0)	65	
1.3.082.08.040.01 - UR2.CONTRACT 1251:SITWORK: DEMOLIT	752,240	752,240	0	0	0	752,240	0		
1.3.082.08.040.02 - UR2.CONTRACT 1251:SITWORK:UTILITI	10,202,543	10,202,543	0	0	0	10,202,543	(0)		
1.3.082.08.040.03 - UR2.CONTRACT 1251:SITWORK:HAZMAT	172,712	172,712	0	0	0	172,712	0		
1.3.082.08.040.05 - UR2.CONTRACT 1251:SITWORK: STRUCTU	2,706,431	2,706,431	0	0	0	2,706,431	0		
1.3.082.08.040.06 - UR2.CONTRACT 1251:SITWORK:PEDESTRA	319,317	319,317	0	0	0	319,317	0		
1.3.082.08.040.07 - UR2.CONTRACT 1251:SITWORK:AUTO/BUS	190,362	190,362	0	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	0	6,325,476	0		
GUIDEWAY TUNNELS TOTAL	233,511,253	233,511,253	0	0	0	233,511,253	0	66	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	233,584,015	0	0	0	233,584,015	0	66	
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGRND CUT	60,446,425	60,446,425	0	0	0	60,446,425	0		
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGROUND	105,423,090	105,423,090	0	0	0	105,423,090	0		
1.3.083.02.020.03 - CONTRACT 1252: STATIONS: UNDERGROUND	21,685,000	21,685,000	0	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	0	2,440,000	0		
1.3.083.02.040.02 - CONTRACT 1252:SITWORK:UTILITIES & RE	10,895,000	10,895,000	0	0	0	10,895,000	0		
1.3.083.02.040.03 - CONTRACT 1252:SITWORK:HAZMAT&MITIGAT	200,000	200,000	0	0	0	200,000	0		
1.3.083.02.040.04 - CONTRACT 1252:SITWORK:ENVIRON. MITIG	300,000	300,000	0	0	0	300,000	0		
1.3.083.02.040.06 - CONTRACT 1252:SITWORK:PED/BIKE ACCES	50,000	50,000	0	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	0	1,345,000	0		
1.3.083.02.040.08 - CONTRACT 1252:SITWORK:TEMP FACILITIE	30,799,500	30,799,500	0	0	0	30,799,500	0		
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODS	(72,762)	(72,762)	0	0	0	(72,762)	0	67	
1.3.083.83.010.06 - CONTRACT 1252: CONTRACT MOD	112,251	112,251	0	0	0	112,251	0		
1.3.083.83.010.07 - CONTRACT 1252: CONTRACT MOD	1,810,094	1,810,094	0	0	0	1,810,094	0		
1.3.083.83.020.03 - CONTRACT 1252: CONTRACT MOD	1,004,156	1,004,156	0	0	0	1,004,156	0		
1.3.083.83.040.02 - CONTRACT 1252: CONTRACT MOD	1,035,588	1,035,588	0	0	0	1,035,588	(0)		
1.3.083.83.040.03 - CONTRACT 1252: CONTRACT MOD	453,475	453,475	0	0	0	453,475	0		
1.3.083.83.040.08 - CONTRACT 1252: CONTRACT MOD	(4,488,326)	(4,488,326)	0	0	0	(4,488,326)	0		
1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CONTING	0	0	0	0	0	0	0		
CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL	1,122,009,291	1,144,011,658	2,202,605	2,216,649	2,216,649	1,146,228,307	-24,219,016	69	
84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAGE 1253	294,030,590	293,721,651	16,000	20,000	20,000	293,741,651	288,939	21	
1.3.084.03.020.03 - UMS.1253: UNDERGROUND STATION	253,081,452	253,006,459	16,000	20,000	20,000	253,026,459	54,993		
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,465,694	9,450,194	0	0	0	9,450,194	15,500		
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	6,071,588	6,071,588	0	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	0	4,360,395	0		
1.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS	550,000	550,000	0	0	0	550,000	0		
1.3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA	244,500	244,500	0	0	0	244,500	0		
1.3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE	18,969	18,969	0	0	0	18,969	0		
1.3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE	1,158,410	1,158,410	0	0	0	1,158,410	0		
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	11,139,701	10,890,155	0	0	0	10,890,155	249,546		
1.3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND	4,773,076	4,773,076	0	0	0	4,773,076	0		
1.3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL	1,815,534	1,815,534	0	0	0	1,815,534	0		
1.3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR	216,957	216,957	0	0	0	216,957	0		
1.3.084.03.050.05 - UMS.1253: COMMUNICATIONS	1,134,314	1,165,414	0	0	0	1,165,414	(31,100)		
84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODS	20,744,337	20,744,337	0	0	0	20,744,337	0	68	
1.3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUND STATION	1,832,330	1,832,330	0	0	0	1,832,330	0		

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		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total				
1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALATORS	490,000	490,000	0	0	0	490,000	0		
1.3.084.84.040.01 - CMOD:UMS.1253: DEMOLITION CLEARING	944,987	944,987	0	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	0	3,270,038	0		
1.3.084.84.040.03 - CMOD:UMS.1253: HAZARDOUS MATERIALS	349,730	349,730	0	0	0	349,730	0		
1.3.084.84.040.07 - CMOD:UMS.1253: AUTOMOBILE BUS ACCE	0	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	0	13,809,103	0		
1.3.084.84.050.05 - CMOD:UMS.1253: COMMUNICATIONS	48,149	48,149	0	0	0	48,149	0		
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING	(744,337)	(744,337)	0	0	0	0	(744,337)	41	
85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254	247,567,810	246,685,249	16,100	9,814	9,814	246,695,063	872,747		
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND TUNNEL	76,417,579	76,417,579	0	0	0	76,417,579	0		
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	133,001,053	132,063,601	16,100	2,560	2,560	132,066,161	934,892		
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,812,856	6,799,184	0	7,254	7,254	6,806,438	6,418		
1.3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING	400,000	400,000	0	0	0	400,000	0		
1.3.085.04.040.02 - CTS.1254: SITE UTILITIES UTIL	6,001,718	6,001,718	0	0	0	6,001,718	0		
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	350,000	350,000	0	0	0	350,000	0		
1.3.085.04.040.04 - CTS.1254: ENVIRONMENTAL MITIGA	325,665	325,665	0	0	0	325,665	0		
1.3.085.04.040.06 - CTS.1254: PEDESTRIAN/BIKE	15,000	15,000	0	0	0	15,000	0		
1.3.085.04.040.07 - CTS.1254: AUTOMOBILE BUS ACCE	225,677	225,677	0	0	0	225,677	0		
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	16,571,322	16,571,322	0	0	0	16,571,322	0		
1.3.085.04.050.02 - CTS.1254: TRAFFIC SIGNALS AND	1,599,593	1,668,156	0	0	0	1,668,156	(68,563)		
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,063,927	4,063,927	0	0	0	4,063,927	0		
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTRIBUTION	124,481	124,481	0	0	0	124,481	0		
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	1,658,938	1,658,938	0	0	0	1,658,938	0		
85 - CHINATOWN STATION (CTS) CMODs	157,825,888	148,784,233	154,485	133,960	133,960	148,918,194	8,907,695	71	
1.3.085.85.020.03 - CMOD:CTS.1254: UNDERGROUND STATION	1,201,478	1,906,478	0	0	0	1,906,478	(705,000)		
1.3.085.85.020.04 - CMOD:CTS.1254: OTHER STATIONS, LANDING, TERMINALS: INTERMODAL, FERRY, TROLLEY, ETC	9,360,183	0	0	0	0	0	9,360,183		
1.3.085.85.040.01 - CMOD:CTS.1254: POWER POLE	155,956	148,212	0	0	0	148,212	7,744		
1.3.085.85.040.02 - CMOD:CTS.1254: SITE UTILITIES UTIL	4,022,598	4,002,086	0	0	0	4,002,086	20,512		
1.3.085.85.040.03 - CMOD:CTS.1254: HAZARDOUS MATERIALS	3,895,399	3,895,399	0	0	0	3,895,399	0		
1.3.085.85.040.08 - CMOD:CTS.1254: TEMPORARY FACILITIES	137,546,308	137,188,093	6,463	0	0	137,188,093	358,215		
1.3.085.85.050.05 - CMOD:CTS.1254: COMMUNICATIONS	1,643,966	1,643,966	148,023	133,960	133,960	1,777,926	(133,960)	71a	
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	(13,146,500)	0	0	0	0	0	(13,146,500)	72	
86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255	158,089,000	158,071,899	11,452	2,300	2,300	158,074,199	14,801		
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	118,405,840	118,388,740	426	2,300	2,300	118,391,040	14,800		
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,333,287	5,333,287	11,026	0	0	5,333,287	0		
1.3.086.05.040.01 - YBM.1255: DEMOLITION CLEARING	657,000	657,000	0	0	0	657,000	0		
1.3.086.05.040.02 - YBM.1255: SITE UTILITIES UTIL	7,163,278	7,163,278	0	0	0	7,163,278	0		
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,629,439	2,629,439	0	0	0	2,629,439	0	73	
1.3.086.05.040.04 - YBM.1255: ENVIRONMENTAL MITIGA	100,000	100,000	0	0	0	100,000	0		
1.3.086.05.040.06 - YBM.1255: PEDESTRIAN/BIKE	16,665	16,665	0	0	0	16,665	0		
1.3.086.05.040.07 - YBM.1255: AUTOMOBILE BUS ACCE	1,542,725	1,542,725	0	0	0	1,542,725	0		
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,564,753	15,564,753	0	0	0	15,564,753	0		
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	1,726,492	1,726,492	0	0	0	1,726,492	0		
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,708,425	3,708,425	0	0	0	3,708,425	0		
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	1,241,096	1,241,096	0	0	0	1,241,096	0		
86 - YERBA BUENA MOSCONE STATION (YBM) CMODs	4,889,959	4,493,719	0	0	0	4,493,719	396,240		
1.3.086.86.020.03 - CMOD:YBM.1255: UNDERGROUND STATION	466,470	466,470	0	0	0	466,470	0		
1.3.086.86.020.07 - CMOD:YBM.1255: ELEVATORS ESCALATOR	210,055	210,055	0	0	0	210,055	0		

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1.3.086.86.040.01 - CMOD-YBM.1255: DEMOLITION CLEARING	266,386	266,386	0	0	0	266,386	0	73	
1.3.086.86.040.02 - CMOD-YBM.1255: SITE UTILITIES UTIL	3,570,282	3,174,042	0	0	0	3,174,042	396,240		
1.3.086.86.040.03 - CMOD-YBM.1255: HAZARDOUS MATERIALS	150,828	150,828	0	0	0	150,828	0		
1.3.086.86.040.04 - CMOD-YBM.1255: ENVIRONMENTAL MITIGA	102,734	102,734	0	0	0	102,734	0		
1.3.086.86.040.06 - CMOD-YBM.1255: PEDESTRIAN/BIKE	35,489	35,489	0	0	0	35,489	0		
1.3.086.86.040.08 - CMOD-YBM.1255: TEMPORARY FACILITIES	87,715	87,715	0	0	0	87,715	0		
1.3.086.96.020.03 - YBM.1255: AC: ALLOC CONTING	10,110,042	0	0	0	0	0	10,110,042	74	
87 - SURFACE TRACKWORK AND SYSTEMS - WORK PACKAGE 1256	139,989,000	136,371,770	62,727	138,871	136,510,640	136,510,640	3,478,360		
1.3.087.09.010.02 - STS.1256: GUIDEWAY: AT-GRADE SEMI-EXCLUSIVE (ALLOWS C	2,860,000	2,860,000	0	0	0	2,860,000	0		
1.3.087.09.010.06 - STS.1256: GUIDEWAY: UNDERGROUND CUT & CVR	9,257,731	9,257,731	0	0	0	9,257,731	0		
1.3.087.09.010.07 - STS.1256: GUIDEWAY: UNDERGROUND	16,672,552	16,671,552	0	1,000	0	16,672,552	51,000		
1.3.087.09.010.09 - STS.1256: TRACK DIRECT FIXATION	6,761,089	6,757,089	0	0	0	6,757,089	4,000		
1.3.087.09.010.12 - STS.1256: TRACK: SPECIAL	4,449,637	4,449,637	0	0	0	4,449,637	0		
1.3.087.09.020.01 - STS.1256: AT-GRADE STATION	7,602,857	7,427,657	0	0	0	7,427,657	175,200		
1.3.087.09.040.02 - STS.1256: SITE UTILITIES, UTILITY RELOCA	17,464,046	14,807,550	0	0	0	14,807,550	2,656,496		
1.3.087.09.040.03 - STS.1256: HAZARDOUS MATERIALS	200,000	200,000	0	0	0	200,000	0		
1.3.087.09.040.04 - STS.1256: ENVIRONMENTAL MITIGATION	50,000	50,000	0	0	0	50,000	0	73	
1.3.087.09.040.07 - STS.1256: AUTOMOBILE BUS ACCE	2,116,925	2,116,924	0	0	0	2,116,924	1		
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	13,896,832	13,868,971	0	1,000	0	13,869,971	26,861		
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL AND SIGNALS	27,543,451	27,576,351	0	0	0	27,576,351	(32,900)		
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	4,463,368	3,905,075	62,727	109,242	0	4,014,317	449,052		
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	9,889,014	9,886,014	0	0	0	9,886,014	3,000		
1.3.087.09.050.04 - STS.1256: TRACTION POWER DISTRIBUTION	6,099,675	6,029,016	0	14,329	0	6,043,345	56,330		
1.3.087.09.050.05 - STS.1256: COMMUNICATIONS	7,996,237	7,926,517	0	13,300	0	7,939,817	56,420		
1.3.087.09.050.07 - STS.1256: CENTRAL CONTROL	2,614,586	2,581,686	0	0	0	2,581,686	32,900		
87 - SURFACE TRACKWORK AND SYSTEMS (STS) CMODs	121,805,969	135,138,801	1,941,841	1,911,704	137,050,505	137,050,505	(15,244,536)		
1.3.087.89.020.03 - CMOD:STS.1256: UNDERGROUND STATION	(4,876,785)	(4,876,785)	0	0	0	(4,876,785)	0		
1.3.087.89.040.01 - CMOD:STS.1256: DEMOLITION, CLEARING, EARTHWORK	399,000	399,000	0	0	0	399,000	0		
1.3.087.89.040.02 - CMOD:STS.1256: SITE UTILITIES, UTILITY RELOCA	1,482,322	1,472,227	(10,095)	0	0	1,472,227	10,095		
1.3.087.89.040.03 - CMOD:STS.1256: HAZARDOUS MATERIALS	18,221	18,221	0	0	0	18,221	0		
1.3.087.89.040.07 - CMOD:STS.1256: AUTOMOBILE BUS ACCE	0	16,067,598	2,185,285	1,694,083	0	17,761,681	(17,761,681)		
1.3.087.89.040.08 - CMOD:STS.1256: TEMPORARY FACILITIES	124,730,194	122,005,523	(233,349)	217,621	0	122,223,144	2,507,050	74a	
1.3.087.89.050.01 - CMOD:STS.1256: TRAIN CONTROL	(17,776,769)	-17,776,769	0	0	0	-17,776,769	0		
1.3.087.89.050.02 - CMOD:STS.1256: TRAFFIC SIGNALS AND	242,427	242,427	0	0	0	242,427	0		
1.3.087.89.050.05 - CMOD:STS.1256: COMMUNICATIONS	17,587,360	17,587,360	0	0	0	17,587,360	0		
1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	(19,152,467)	0	0	0	0	0	(19,152,467)	75	
88 - STATIONS CONTRACT 1300	2,435,063	2,670,552	144,313	413,210	3,083,762	3,083,762	(648,699)		
1.3.088.06.080.04 - CN1300 CONSTRUCTION TRAILER [68CPT5441316.CPT5441316]	80,000	0	0	0	0	0	80,000		
1.3.088.06.080.04 - DT-CN1300 COMMUNICATIONS INSTALL [68CPT5441317.CPT544	1,430,594	1,896,864	144,313	(882,278)	0	1,014,586	416,008		
1.3.088.06.080.04 - MTA Communications - Business Liaison to support CN1300 CON[68C	420,000	345,739	0	949,749	0	1,295,488	(875,488)		
1.3.088.06.080.04 - IT-CN1300 Installation [68CPT5441319.CPT5441319]	448,371	382,655	0	345,739	0	728,394	(280,023)		
1.3.088.06.080.04 - CN1300 Installation Maintenance [68CPT5441320.CPT5441320]	25,000	4,659	0	0	0	4,659	20,341		
1.3.088.06.080.04 - DT Support - Stations [68CPT5441325.CPT5441325]	31,098	40,635	0	0	0	40,635	(9,537)		
141 - CONSTRUCTION ADMINISTRATION	0	0	0	0	0	0	0		
142 - LEGAL/PERMITS	2,014,204	0	0	0	0	0	2,014,204		
1.3.142.01.080.06 - LGL/PRM/TSF:LEGAL; PERMITS	2,014,204	0	0	0	0	0	2,014,204		
144 - STARTUP	8,300,329	622,389	0	0	0	622,389	7,677,940		
1.3.144.01.080.08 - STRT: STARTUP (SFMTA Transit)	6,941,907	622,389	0	0	0	622,389	6,319,518		
1.3.144.97.080.08 - STRTA: AC STARTUP ALLOC CONTIN	1,358,422	0	0	0	0	0	1,358,422		

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		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total				
151 - TEMPORARY LICENSE AGREEMENT	17,000	0	0	0	0	0	17,000		
1.3.151.01.080.06 - TEMP.LIC/PORARY LICENSE AGREEME	17,000	0	0	0	0	0	17,000		
170 - COMMUNICATIONS CONNECTIONS	10,599,579	2,899,593	0	0	2,899,593	2,899,593	7,699,986		
1.3.170.01.050.04 - COMM.CONN:COMMUNICATION CONN	5,757,629	0	0	0	0	0	5,757,629		
1.3.170.01.050.05 - CSP Radio Design	641,950	641,950	0	0	0	641,950	0		
1.3.170.01.050.05 - CSP Radio Cable	377,788	337,643	0	0	0	337,643	40,145		
1.3.170.01.050.05 - CSP Radio Procurement	3,822,212	1,920,000	0	0	0	1,920,000	1,902,212		
181 - AON RISK INSURANCE CS 163	26,803,757	26,792,944	0	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	0	26,767,944	10,813		
1.3.181.01.080.03 - AON.CS171 AON RISK INS. STUDY	25,000	25,000	0	0	0	25,000	0		
191 - FARE COLLECTION CONTRACTOR	5,400,000	366,130	0	0	0	366,130	5,033,871		
1.3.191.01.050.06 - FARE.CONSUL:FARE COLLECTION	5,400,000	366,130	0	0	0	366,130	5,033,871		
192 - THALES T&S CENTRAL CONTROL	28,921,326	22,353,785	0	0	0	22,353,785	6,567,542		
1.3.192.01.050.01 - THALES T&S ATCS	487,972	106,179	0	0	0	106,179	381,793		
1.3.192.01.050.01 - CN1266-2 Advanced Train Control System (ATCS) - Implementation	25,007,930	19,130,974	0	0	0	19,130,974	5,876,956		
1.3.192.01.050.01 - CN1266-1 Advanced Train Control System (ATCS) - Equipment	3,425,424	3,116,632	0	0	0	3,116,632	308,792		
202 - JOC2-022.0	63,938	0	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	0	63,938		
203 - JOC2-029.0	53,317	0	0	0	0	0	53,317		
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	0	53,317		
302 - PG&E	1,988,173	3,874,699	0	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	0	(2,350,000)		
1.3.302.03.050.03 - PGE POWER FEED UMS	2,959,826	1,305,477	0	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	0	(2,350,000)		
1.3.302.04.050.03 - PGE POWER FEED CTS	2,959,826	0	0	0	0	0	2,959,826		
1.3.302.05.050.03 - PGE PERMANENT POWER YBM	(2,368,540)	0	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	0	2,569,222	556,000		
1.3.302.09.050.03 - PGE POWER FEED STS	11,839	0	0	0	0	0	11,839		
331 - BAY AREA RAPID TRANSIT (BART)	951,356	476,611	0	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	0	33,152	16,848		
1.3.331.01.080.06 - CM: BAY AREA RAPID TRANSIT (BART) [122A]	901,356	443,459	0	0	0	443,459	457,897		
333 - AMERICAN PUBLIC TRANSP. ASSOCIATION (APTA) CS-APTA	146,500	62,112	0	0	0	62,112	84,388		
1.3.333.01.080.03 - APTA:APTA - IRP [2G]	46,500	31,054	0	0	0	31,054	15,446		
1.3.333.01.080.03 - APTA:APTA - IRP [2C]	100,000	31,058	0	0	0	31,058	68,942		
334 - BART FARE COLLECTION SYSTEM	700,000	475,136	0	0	0	475,136	224,864		
1.3.334.01.050.06 - BART:BART FARE COLLECTION EOP	700,000	475,136	0	0	0	475,136	224,864		
401 - ECONOMIC AND WORKFORCE DEVELOPMENT (EWD)	17,600	17,600	0	0	0	17,600	0		
1.3.401.01.080.04 - EWD: MAYORS OFFICE ECON DEV	17,600	17,600	0	0	0	17,600	0		
402 - DEPARTMENT OF TECHNOLOGY	242,371	250,534	0	0	0	250,534	(8,163)		
1.3.402.07.050.04 - DT:UTL:COMM. CONNECTIONS	166,756	179,179	0	0	0	179,179	(12,423)		
1.3.402.08.050.04 - DT:2UTL:COMM.CONNECTIONS	75,615	71,354	0	0	0	71,354	4,261		
404 - DEPARTMENT OF BUILDING INSPECTION (DBI)	1,204,081	1,204,081	0	0	0	1,204,081	0		
1.3.404.01.080.06 - DPT OF BUILDING INSPECTION	1,204,081	1,204,081	0	0	0	1,204,081	0		
491 - FORM B - REIMBURSEMENT	(12,227,954)	0	0	0	0	0	(12,227,954)		
1.3.491.02.040.02 - FORMB - CONTRACT 1252 UTILITY REIMBUR	(254,050)	0	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	0	(528,370)	77	
1.3.491.04.040.02 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEMENT	(451,703)	0	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	0	(100,000)	79	
1.3.491.06.040.02 - FORMB - CONTRACT 1300 UTILITY REIMBUR	0	0	0	0	0	0	0	80	

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1.3.491.07.040.02 - FORMB - CONTRACT 1250 UTILITY REIMBUR	(2,275,419)	0	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	0	(7,618,412)	82	
1.3.491.09.040.02 - FORMB - STS:CONTRACT 1300 UTILITY REIMBURSEMENT	(1,000,000)	0	0	0	0	0	(1,000,000)	83	
TOTAL CONSTRUCTION PHASE	1,670,593,425	1,685,550,561	9,302,536	5,639,401	1,691,189,962		(20,596,537)		
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	7,057,399	0	0	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	30,612,840	0	0	30,612,840		1,527,578		
90 - CONTINGENCY									
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	23,923,431	0	0	0	0		23,923,431	84	
TOTAL UNALLOCATED CONTINGENCY									
TOTAL PROJECT COST	1,900,275,322	1,888,668,774	9,302,536	5,639,401	1,894,308,176		5,967,146		

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.

25	<p>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.</p>
26	<p>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.</p>
26a	<p>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.</p>
27	<p>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 increase SCC 50 Systems category regarding matters related to CSP Radio from program unallocated contingency.</p>
28	<p>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.</p>
29	<p>Estimate at Completion is shown at Column "e".</p>
30	<p>Estimate at Completion vs. Budget variance is shown at Column "k".</p>
<p>7.5 Contract Modification/Trend Log - Contract 1300 Stations</p>	
31	<p>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.</p>

7.6 Budget Revisions: Report Sorted by Construction Packages

32	<p>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.</p>
33	<p>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.</p>
34	<p>In April 2015, initiated budget from program unallocated contingencies for CS-175 Bayland Soil Process contract, refer to Note 20.</p>
34a	<p>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.</p>
34b	<p>In December 2018, initiated budget from program unallocated contingencies for AON Risk Insurance, refer to Note 20.</p>
35	<p>In February 2017, released completed phase real estate assigned contingency \$5,265,478 to program unallocated contingency.</p>
36	<p>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.</p>
36a	<p>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.</p>

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>

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. In October 2021, the current funding level to date has already been fully met which includes excess federal funds consisting of FTA 5309 Capital Investment Grant of \$23,121,562. The total revised project budget is currently \$1.900 billion, \$9 million above the original \$1.891 billion of the project budget due to extra funds received that will be included in contingency.</p>
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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	<p>Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.</p>
42	<p>Famis Phase 1 PE Index Code: 357906.CPT5441112 cost is \$10,222,939</p>
43	<p>\$8,949,300 is reported in Cost Report Phase 1 PE and the balance of \$1,273,639 is reported in Phase 2 Design. 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]</p>
44	<p>In December 2016 Report, Central Subway Project has re-activated CSA Audit Work Order to perform overhead audit for three consultant forms.</p>

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]
46	1.2.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]: FAMIS: \$4,698,167 Cost Report: \$4,698,167 on 1.2.063.01.080.03 Cost Transfer: Future costs to 1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]
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	
52	1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]: FAMIS: \$1,525,982 Cost Report: \$1,425,167 1.2.021.01.080.03 Cost Transfer: any future costs to 1.3.021.01.080.03 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.
53	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.
54	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.
55	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.
56	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.
57	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.

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.
	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
59	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]
60	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.
61	Used \$500K program contingency for CS-175 Bayland Soil Process contract. Refer to Report Notes #20.
62	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]
63	1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]: FAMIS: \$26,268,511 COST REPORT: \$26,220,609
64	COST TRANSFER: \$47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233] Contract 1251 Final cost is \$20,794,582.
65	
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.
	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
69	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.
69a	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.
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

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. In October 2021, the current funding level to date has already been fully met which includes excess federal funds consisting of FTA 5309 Capital Investment Grant of \$23,121,562. The total revised project budget is currently \$1.900 billion, \$9 million above the original \$1.891 billion of the project.

Appendix B

DETAIL SCHEDULE REPORTS

SCHEDULE HIGHLIGHTS

The Master Project Schedule (MPS) below includes progress through March 2022. The March 2022 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 March 2022 Schedule Update.

The MPS shows a forecast Revenue Service Date of Summer 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 Summer 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 and surface impacted by lack of resources. These issues have impacted TPC's Final 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 in the tunnel and surface 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 March 2022 schedule is used within the March Report. The SFMTA Contract 1300 March 2022 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.

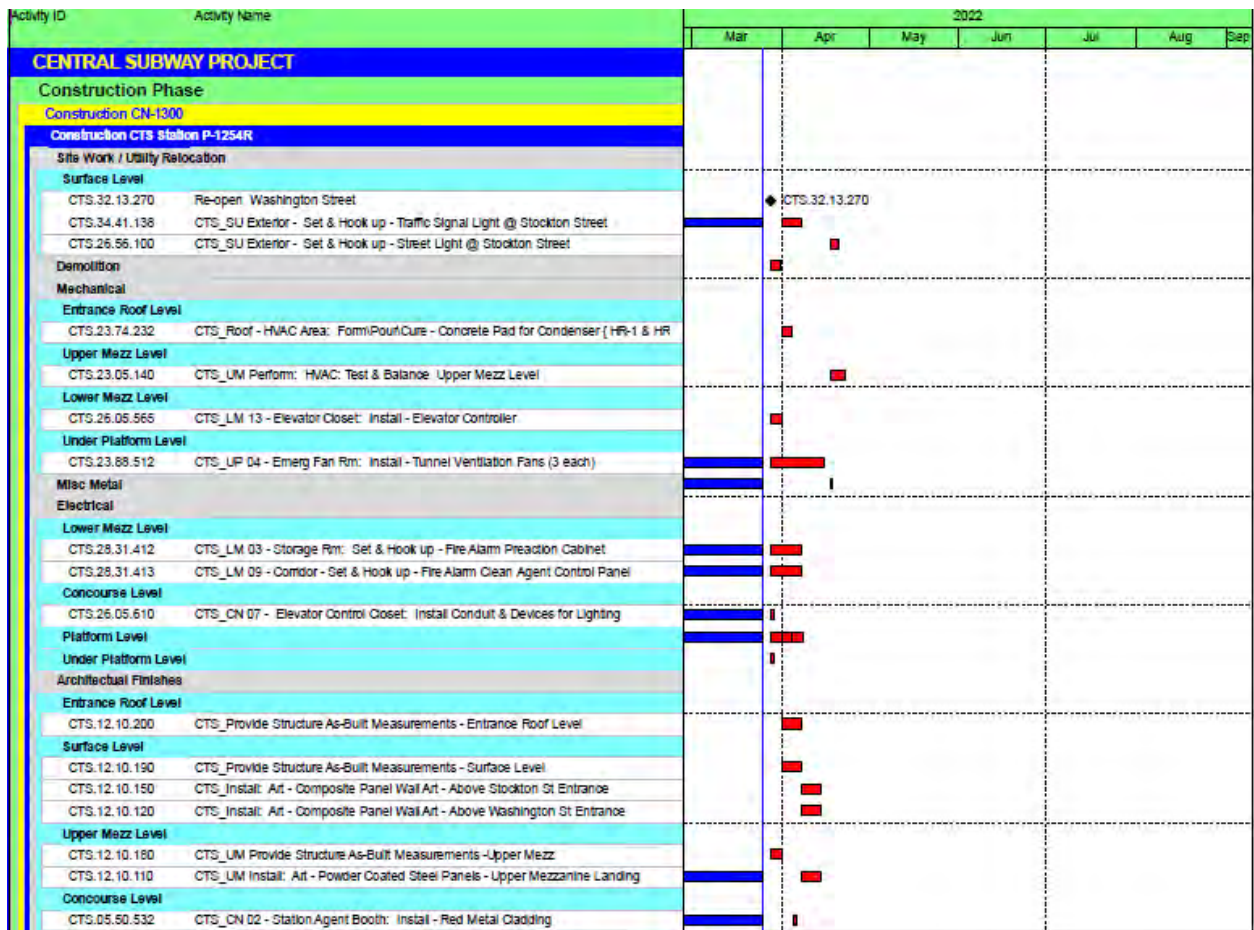
Work Package P-1254R (CTS) has performed the following work this month:

- State Inspector inspected Elevators/Escalators on 3/01/2022 and provided list of deficiencies
- Project team addressing Elevator/Escalator deficiency items in preparation for State Inspection
- Continued Security/Access Control System Testing
- Continued installing communication cables at Concourse level
- Completed electrical grounding at Traction Power Room
- Continued Testing Fire Alarm System
- Continued train testing at Crossover Cavern and train Platform
- Continue mitigating water leaks at Station Headhouse
- Continued installing plumbing system at Upper Mezz and Concourse levels
- Contractor continued closing out internal punch list items
- Continued installing GFRC panels at Surface/Plaza level
- Completed remedial work for sagging glass canopy at Surface level
- Cubic completed installation of ticket vending machines at Concourse level
- Began installing Art Tiles along East wall at Crosscut Cavern Concourse level
- Began grouting of re-groutable hoses at Station Underplatform level
- Began corrective action for installed crystalized glass above Stair 2

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

- Continue addressing State Inspection deficiency items for Elevators 1, 2, 3 and 4
- Continue addressing State Inspection deficiency items for Escalators 1, 2, 3, 4, 5 and 6
- Continue mitigating water leaks at Station Headhouse
- Mobilize Waterproofing Experts to mitigate water leaks at Crossover Cavern
- Complete installing Art Tiles along East wall at Crosscut Cavern Concourse level
- Complete grouting of re-groutable hoses at Station Under platform level
- Mobilite to install cables for cellular coverage throughout Station
- Contractor continue closing out internal punch list items
- Complete Security/Access Control System Testing
- Complete Fire Alarm System Testing
- Complete installing GFRC panels at Surface/Plaza level
- Complete corrective action for installed crystalized glass above Stair 2
- Begin roof flashing installation between schoolyard wall and Station West Wall

- Begin backfill of alleyway between Presbyterian Church and Station South Wall
- Install street traffic signal pole, pull boxes, and control box at intersection of Stockton/Washington
- Install new OCS trolley pole at West sidewalk along Stockton Street



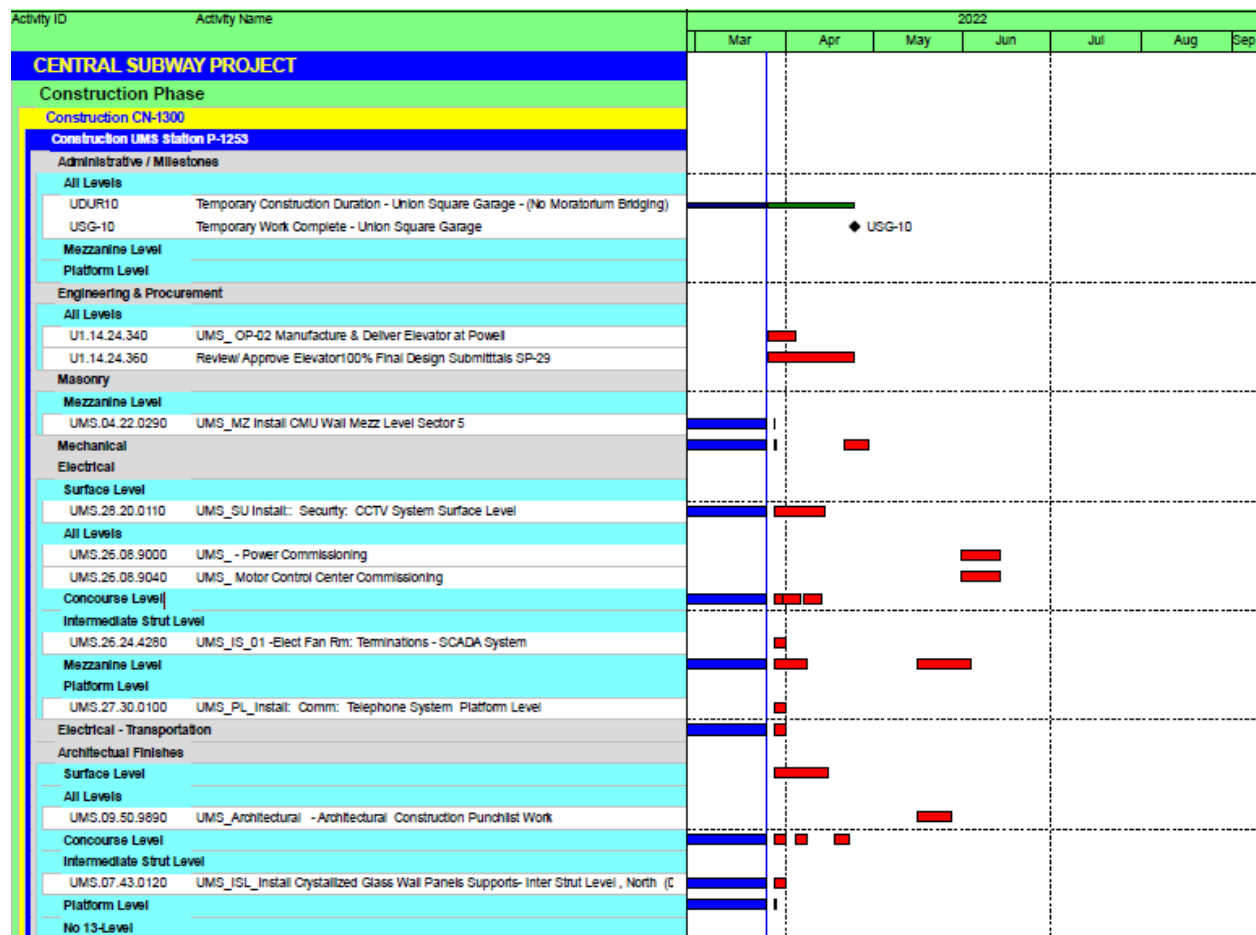
Work Package P-1253 (UMS) has performed the following work this month:

- Begin cleaning overpoured wale drains
- Begin installation of signage for water lines
- Begin fire caulking at Maintenance Hatch
- Begin painting exposed conduits on Concourse Level
- Begin and complete testing of Elevators added shunt trip
- Continue installation of steel flashing on Escalator sides
- Continue cleaning Escalator 1, 2, 3, 4, 5 and 6
- Continue water proofing of scallop walls at Platform level
- Continue general cleaning as required
- Continue installing reinforcements for unscheduled opening at Mezzanine level

- Completed installation grounding wire for cable trays
- Completed installation of battery backup system for bi-fold door
- Completed installation of additional lights at Elevator 1 & 2 landing on Concourse level
- Continue installation of antennas for service provider

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

- Begin FSD layout at Platform level
- Begin installation of lights at Sector 6
- Begin installation of low pit plates at Escalators
- Begin installation of tactile plate at intersection of Stockton and O'Farrell Street
- Begin installation of BMC server
- Begin installation of ductwork at Auxiliary Electrical Room
- Relocate power supply in Main Communication Room
- Continue waterproofing of scallop walls on Platform level



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

- Completed punch list work Elevator 1, 2, 3 and 4 for construction and functionality testing
- Started installing emergency (ET) blue light phones at all levels

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

- Complete installing signage
- Complete Station Agent Booth interior finish
- Install the remaining 1 VTM at Concourse level
- Complete Traction Power Gear Testing
- Complete Traction Power SCADA Testing
- Complete Deluge Spray Pattern demonstration with SFFD
- Complete terminating wire for blue light emergency phones
- Complete Daiken Testing of reworked systems
- Complete room pressure tests
- Complete Elevator and Escalator functionality tests
- Complete metal cladding installation at Escalator 1, 2 and 3
- Complete installing emergency phones at all levels

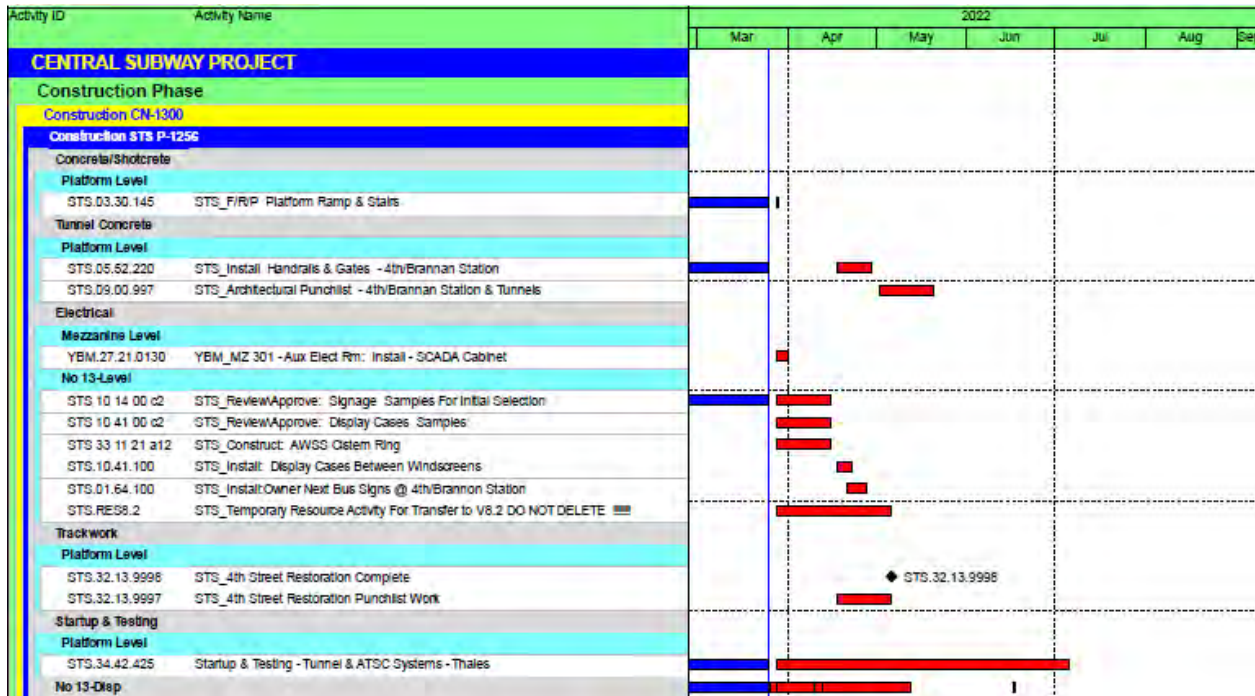
Activity ID	Activity Name	2021		2022			
		Dec	Jan	Feb	Mar	Apr	May
CENTRAL SUBWAY PROJECT							
Construction Phase							
Construction CN-1300							
Construction YBM Station P-1255							
Concrete/Shotcrete							
HeadHouse							
YBM.31.23.555	Geo foam fill Headhouse Surface Level	[Gantt bar: Dec 2021]					
YBM.03.30.570	F/R/P Roof - Headhouse/ Vent Shaft Level Structure	[Gantt bar: Dec 2021]					
Station Platform Footprint (Between Headwalls)							
YBM.03.30.590	Metal Deck/ Railing Stair #3 from Platform to Concourse Level	[Gantt bar: Dec 2021]					
Electrical							
HeadHouse							
YBM.34.21.1225	YBM_IV 302 - Traction Power Rm: Energize DC TPSS Equipment	[Gantt bar: Dec 2021]					
No 13-Location							
YBM.34.22.0350	YBM_UP_Install: Elect: Pull Negative Feeder Cable, Coil & Protect(Traction Power)	[Gantt bar: Dec 2021]					
Electrical - Transportation							
No 13-Location							
YBM.34.22.0330	YBM_IV 302 - Traction Power Rm: Pull - Traction Power Cables Pullbox B-01 To PS	[Gantt bar: Dec 2021]					
Conveyances							
HeadHouse							
YBM.14.21.125	Startup & Test Elevators #1, 2	[Gantt bar: Dec 2021]					
YBM.14.21.155	Startup & Test Elevators #3, 4	[Gantt bar: Dec 2021]					
Startup & Testing							
HeadHouse							
Y.4.545	YBM- Building Systems Start-up & Testing	[Gantt bar: Feb 2022]					
No 13-Disp							
HeadHouse							
YBM.21.12.375	YBM_MZ Install Fire Suppression System DSP & TSP Mains Mezzanine Headhouse	[Gantt bar: Jan 2022]					
YBM.07.81.100	Spray Applied Fireproofing (07 81 00)	[Gantt bar: Jan 2022]					
YBM.12.93.100	Install Site Furnishings- Bike Racks, Benches, Metal Seatings, Receptacles, Surface	[Gantt bar: Jan 2022]					
YBM.23.31.351	YBM_MZ_302 - Mech Rm:Startup & Test - H/VAC:Exhaust Fan#1	[Gantt bar: Jan 2022]					
YBM.26.24.147	YBM_CN - Install Sewage Ejection Pump Control Panel Headhouse Concourse	[Gantt bar: Dec 2021]					
YBM.08.44.150	Install Skylight Glass (by others)	[Gantt bar: Jan 2022]					
YBM.12.93.120	Install Bollards, Surface Level	[Gantt bar: Jan 2022]					
YBM.09.09.900	Architectural Punchlist Work	[Gantt bar: Feb 2022]					
No 13-Location							

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

- Continued 4th/Brannan platform construction
- Continued traffic signal installation
- Continued surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continued trolley and Light Rail OCS installation on 4th Street
- Continued OCS, track and miscellaneous punch list work
- Continued ATCS and radio system testing

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

- Continue 4th/Brannan platform construction
- Complete streetlighting installation
- Continue surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continue OCS installation on surface
- Continue surface signaling work on 4th St.
- Continue traffic signal work on 4th St.
- Continue OCS, track and miscellaneous punch list work
- Continue ATCS and radio system testing



SCHEDULE REVISIONS

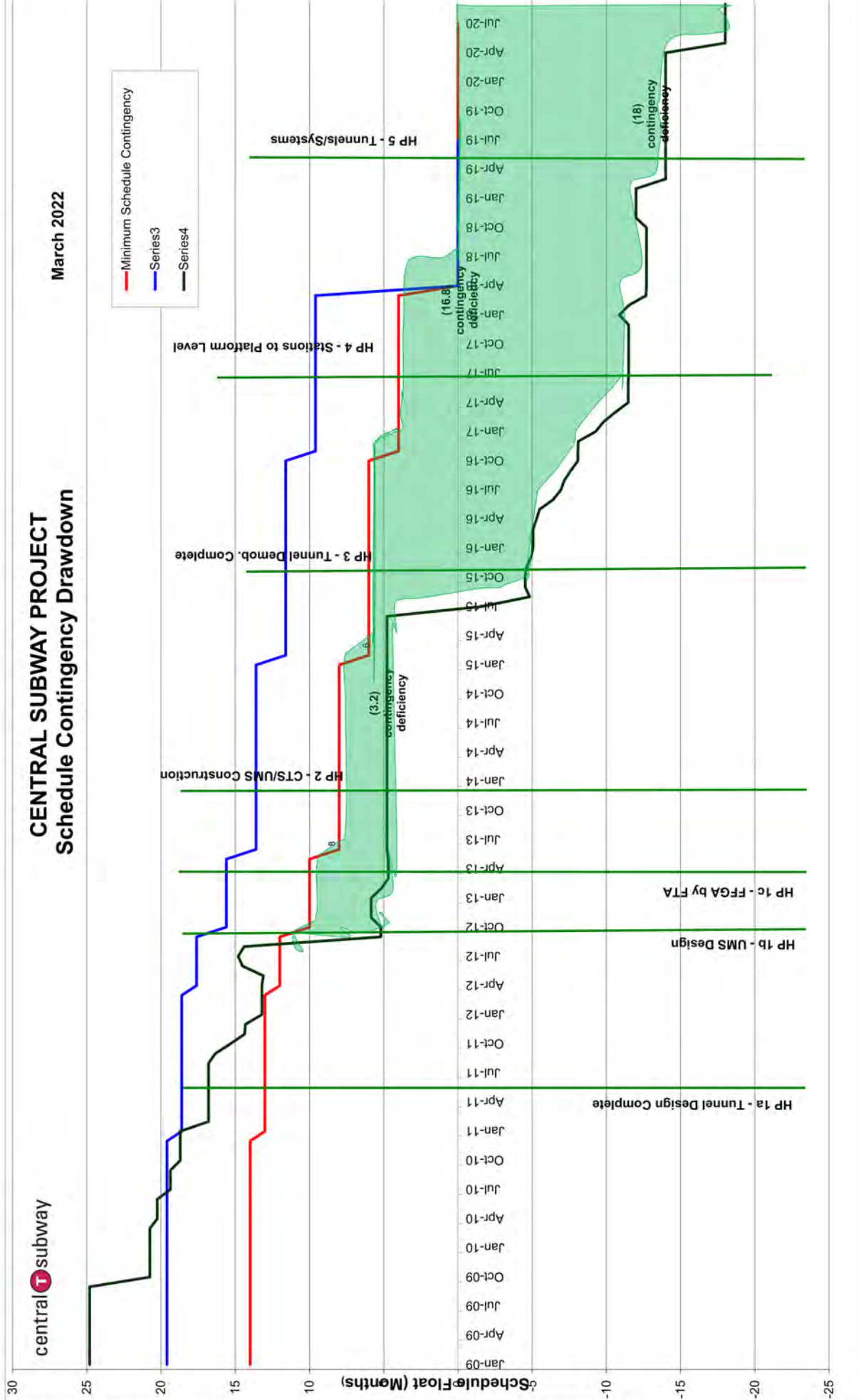
The SFMTA Contract 1300 March 2022 schedule update was added this period to the Central Subway Project Master Schedule.

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

March 2022



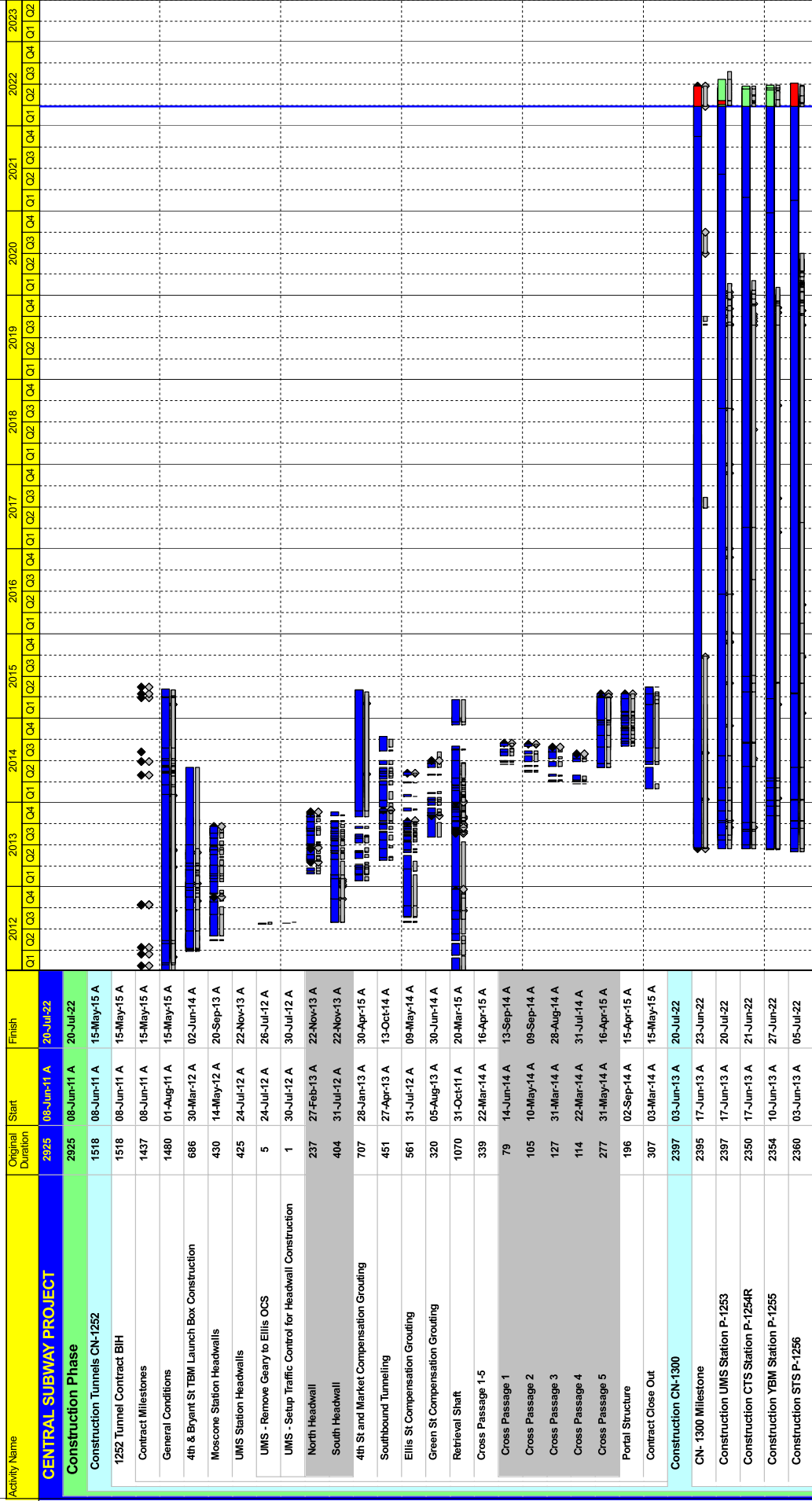
Activity ID	Activity Name	Original Duration	Start	Finish	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
CENTRAL SUBWAY PROJECT													
Program Level Milestones													
PJD1000	Central Subway Project Start	5346	03-Jun-03 A	30-Nov-23	Program Level Milestones								Q4
MS0004A	Tunnel Excavation Complete - Project Milestone #4A	5364	03-Jun-03 A	09-Sep-22									Q4
MS0019	Baseline Finish Date: 12-26-2018	0	03-Jun-03 A	05-Sep-14 A									Q4
MS0009	CSP Revenue Service Date	0		09-Sep-22*	◆ Baseline Finish Date: 12-26-2018								Q4
		0		09-Sep-22*	◆ CSP Revenue Service Date								Q4
Preliminary Engineering Phase													
	Final Design	2661	03-Jun-03 A	07-Jan-10 A									Q4
	Light Rail Vehicles	1811	08-Jan-10 A	17-Jun-13 A									Q4
	Real Estate	3130	15-Apr-13 A	27-May-22	Light Rail Vehicles								Q4
	Construction Phase	3130	01-Aug-08 A	02-Jan-14 A									Q4
	Construction Support and Costs	3627	04-Jan-10 A	30-Nov-23									Q4
	Construction Utility Contract #1 - MOS & Portal CN-1250	4344	04-Jan-10 A	30-Nov-23									Q4
	Construction Utility Contract #2 - UMS CN-1251	505	04-Jan-10 A	23-May-11 A									Q4
	Construction Tunnels CN-1252	643	12-Jan-11 A	15-Oct-12 A									Q4
	Construction STS P-1256 ATCS	1518	08-Jun-11 A	28-Mar-22	Construction Tunnels CN-1252								Q4
	Construction STS P-XXXX Radio	1825	20-May-14 A	07-Jul-22	Construction STS P-1256 ATCS								Q4
	Construction CN-1300	195	27-Aug-19 A	15-Jul-22	Construction STS P-XXXX Radio								Q4
	CN- 1300 Milestone	2397	03-Jun-13 A	25-Aug-22	Construction CN-1300								Q4
	Construction UMS Station P-1253	2395	17-Jun-13 A	07-Jul-22	CN- 1300 Milestone								Q4
	Construction CTS Station P-1254R	2397	17-Jun-13 A	25-Aug-22	Construction UMS Station P-1253								Q4
	Construction YBM Station P-1255	2350	17-Jun-13 A	21-Jun-22	Construction CTS Station P-1254R								Q4
	Construction STS P-1256	2354	10-Jun-13 A	27-Jun-22	Construction YBM Station P-1255								Q4
	Project Start Up	2360	03-Jun-13 A	05-Jul-22	Construction STS P-1256								Q4
	Unallocated Contingency	65	05-Jul-22	09-Sep-22	Project Start Up								Q4
		119	28-Mar-22	08-Sep-22	Unallocated Contingency								Q4

Activity ID	Activity Name	Original Start Duration	Finish	Total Float	2022				2023				2024				2025	
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Program Level Milestones																		
MS0019	Baseline Finish Date: 12-26-2018	505	09-Sep-22	15-Aug-24	0													
MS0009	CSP Revenue Service Date	0	09-Sep-22*	09-Sep-22*	-577													
MS0010	Grant Closeout - CSP Complete	0	15-Aug-24	15-Aug-24	0													
Construction STS P-1256 ATCS																		
CN- 1300 Milestone		90	08-Feb-20 A	07-Jul-22	0													
Construction STS P-1256		47	15-Feb-21 A	06-Jul-22	-821													
STS.34.425	Startup & Testing - Tunnel & ATSC Systems - Thales	47	15-Feb-21 A	05-Jul-22	-895													
Project Start Up		85	05-Jul-22	09-Sep-22	-832													
STU1010	S&S Certification / Pre-Revenue Activities	47	05-Jul-22	06-Sep-22	-577													
BUF0018	Muni Float	0	09-Sep-22	09-Sep-22	-577													
Project Management		505	09-Sep-22	15-Aug-24	0													
STU1040	After Study	505	09-Sep-22	15-Aug-24	0													



SFMTA Central Subway Project
 Master Project Schedule
 Longest Path - March 2022 Update

Required Revenue Service Date 26-Dec-18
 Data Date 26-Mar-22



SFMTA Central Subway Project
 Master Project Schedule
 Contracts Summary Schedule - March 2022 Update

Required Revenue Service Date: 26-Dec-18
 Data Date: 26-Mar-22

Activity ID	Activity Name	Original Duration	Finish	Total Float	2022				2023
					Q1	Q2	Q3	Q4	
CENTRAL SUBWAY PROJECT									
Light Rail Vehicles									
Construction Support and Costs									
UMS.23.31.9992B	UMS_MZ_Balance HVAC - Mezzanine Level	3794	04-Jan-10A	30-Nov-23	185				
UMS.08.85.0190	UMS_CN_Install Cable Tray For Artwork Power & Control - Sector 4	1407	29-Aug-16A	29-Apr-22	483				
UMS.08.85.0260	UMS_CN_Install Cable Tray For Artwork Power & Control - Sector 6	3794	04-Jan-10A	30-Nov-23	185				
UMS.08.85.0140	UMS_CN_Pull Wire From Endcure Box to Artwork Fixture - Sector 3	5314	04-Jan-10A	30-Nov-23	259				
UMS.09.53.0470	UMS_CN_Concourse: Install Artwork Power & Control Endclosures Sector 4	50	24-Feb-20A	05-Jul-22	0				
UMS.09.53.0490	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 3	2202	13-Jan-14A	23-Jun-22	10				
UMS.09.53.0500	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 4	90	26-Mar-22	23-Jun-22	-821				
UMS.08.85.0210	UMS_CN_Pull Wire From Endcure Box to Artwork Fixture - Sector 4	90	26-Mar-22	23-Jun-22	-921				
UMS.08.85.0280	UMS_CN_Concourse: Install Artwork Power & Control Endclosures Sector 3	935	29-Mar-18A	15-Jun-22	18				
UMS.08.85.0290	UMS_CN_Concourse: Install Artwork Power & Control Endclosures Sector 4	7	09-Nov-20A	29-Apr-22	-548				
UMS.09.53.0460	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 3	7	09-Nov-20A	29-Apr-22	-548				
UMS.09.53.0470	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 4	917	07-May-18A	13-Apr-22	-541				
UMS.09.53.0480	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 3	917	07-May-18A	13-Apr-22	-541				
UMS.09.53.0490	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 4	5	07-May-18A	01-Apr-22	-635				
UMS.09.53.0500	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 3	2	28-Mar-22	29-Mar-22	-545				
UMS.08.85.0210	UMS_CN_Pull Wire From Endcure Box to Artwork Fixture - Sector 4	3	28-Mar-22	30-Mar-22	-556				
UMS.08.85.0280	UMS_CN_Concourse: Install Artwork Power & Control Endclosures Sector 3	3	28-Mar-22	30-Mar-22	-551				
UMS.08.85.0290	UMS_CN_Concourse: Install Artwork Power & Control Endclosures Sector 4	5	31-Mar-22	06-Apr-22	-556				
UMS.09.53.0460	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 3	5	31-Mar-22	06-Apr-22	-551				
UMS.09.53.0470	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 4	2	04-Apr-22	05-Apr-22	-545				
UMS.09.53.0480	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 3	3	07-Apr-22	11-Apr-22	-556				
UMS.09.53.0490	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 4	5	07-Apr-22	13-Apr-22	-556				
UMS.09.53.0500	UMS_CN_Concourse: Pull Wire - Artwork Power & Control Endclosures To Fixtures Sector 3	3	28-Mar-22	30-Mar-22	-546				
UMS.26.24.4550	UMS_MZ_11 - Aux Elect Rm: Pull Feeder Cable - Elect Panel 3DHP4 To Esc 4.6	893	29-Mar-18A	01-Apr-22	-548				
UMS.01.80.9900	UMS- Building Systems Start-up & Testing	40	07-Jun-21 A	13-Jun-22	-579				
UMS.01.80.9900	UMS- Building Systems Start-up & Testing	40	07-Jun-21 A	13-Jun-22	-579				
UMS.01.80.9900	UMS- Building Systems Start-up & Testing	672	08-May-19A	24-Apr-22	54				
Construction CTS Station P-1254R									
Site Work / Utility Relocation									
CTS.34.41.738	CTS_SU_Exterior - Set & Hook up - Traffic Signal Light @ Stockton Street	1627	26-Jan-16A	22-Apr-22	54				
CTS.26.56.100	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	637	16-Sep-19A	20-Apr-22	-541				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	16-Sep-19A	07-Apr-22	-960				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	3	16-Apr-22	20-Apr-22	-541				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	28-Mar-22	01-Apr-22	-556				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	94	20-Dec-21 A	14-Apr-22	-537				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	08-Apr-22	14-Apr-22	-537				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	08-Apr-22	14-Apr-22	-537				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	08-Apr-22	14-Apr-22	-537				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	20-Dec-21 A	14-Apr-22	-537				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	20-Dec-21 A	14-Apr-22	-537				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	08-Apr-22	14-Apr-22	-537				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	5	08-Apr-22	14-Apr-22	-537				
CTS.12.10.120	CTS_SU_Exterior - Set & Hook up - Street Light @ Stockton Street	26	19-Jul-21 A	22-Apr-22	-566				

Activity ID	Activity Name	Original Start Duration	Finish	Total Float	2022	2023
Concourse Level					Q1	Q1
CTS.14.21.505	Startup & Inspect Escalators 3&4 (Concourse to Upper Mezz)	5 19-Jul-21 A	22-Apr-22	-566		
CTS.14.24.285	CTS-PL 05: Startup & Test Elevators 1&2	4 13-Sep-21 A	21-Apr-22	-566		
CTS.14.24.295	CTS-PL 05: Inspections - Elevators 1&2	1 20-Sep-21 A	18-Apr-22	-566		
No 13-Disp		1619 26-Jan-16 A	09-Apr-22	64		
Construction YBM Station P-1255		2200 26-Nov-18 A	17-Jun-22	14		
Conveyances		5 13-Apr-20 A	22-Apr-22	-573		
All Levels		5 13-Apr-20 A	22-Apr-22	-573		
Startup & Testing		40 21-Dec-20 A	17-Jun-22	-583		
Platform Level		40 21-Dec-20 A	17-Jun-22	-583		
Y.4.545	YBM- Building Systems Start-up & Testing	2200 26-Nov-18 A	17-Jun-22	14		
No 13-Disp		5 28-Mar-22	01-Apr-22	-558		
Concourse Level		5 28-Mar-22	01-Apr-22	-558		
YBM.26.24.147	YBM_CN - Install Sewage Ejection Pump Control Panel Headhouse Concourse	15 18-Apr-22	06-May-22	-583		
Platform Level		15 18-Apr-22	06-May-22	-583		
YBM.28.13.100	YBM_Install - Security System (Traction Power) (28 13 10)	2200 26-Nov-18 A	17-Jun-22	-583		
No 13-Level		2200 26-Nov-18 A	17-Jun-22	14		
Construction STS P-1256		1273 13-Jan-14 A	11-Jun-22	19		
Tunnel Concrete		3 17-Jul-18 A	29-Mar-22	73		
Electrical		1196 17-Apr-17 A	02-Jun-22	25		
No 13-Level		1196 17-Apr-17 A	02-Jun-22	25		
STS.34.41.1990	STS_Demo/Salvage; Traffic Signals 4th St	15 17-Apr-17 A	25-Apr-22	37		
STS.34.41.2000	STS_Install; Traffic Signals 4th St	15 24-Apr-17 A	02-May-22	37		
STS.34.41.2030	STS_Pull & Terminate Traffic Signal Wiring 4th St	16 24-Apr-17 A	17-May-22	37		
STS.34.41.2040	STS_Install; Traffic Signal Controllers 4th St	11 09-Oct-17 A	20-Apr-22	37		
STS.26.05.3510	STS_Install; Lighting - 4th/Braman Station	10 19-Feb-18 A	29-Apr-22	49		
STS.34.41.2010	STS_Install; Traffic Signal Displays 4th St/Bryant	6 07-Jan-19 A	10-May-22	37		
STS.34.42.1940	STS_Install; Surface Signaling - TS Case No.1 - 4th/King	5 26-Feb-20 A	01-Apr-22	69		
STS.34.42.1880	STS_Install; Surface Signaling - Interlocking Signals & Poles 21/23 - 4th/King	06-Jul-20 A	06-Apr-22	66		
STS.20.71.525	STS_Prepare\Submit; Sub-Systems Maintainability Demonstration - Surface Signalling Systems	20 20-Sep-21 A	12-May-22	26		
STS.34.23.2590	STS_Install; OCS System - Install OCS Trolley Wire In 4th St - Bluxome To Townsend	2 11-Oct-21 A	29-Mar-22	64		
STS.34.23.2570	STS_Install; OCS System - Install OCS Trolley Wire In 4th St - Freelon To Brannan	2 11-Oct-21 A	31-Mar-22	64		
STS.34.23.2580	STS_Install; OCS System - Install OCS Trolley Wire In 4th St - Welsh To Freelon	2 11-Oct-21 A	04-Apr-22	64		
STS.34.23.2560	STS_Install; OCS System - Install OCS Trolley Wire In 4th St - Bryant to Welsh	4 11-Oct-21 A	08-Apr-22	64		
STS.34.42.100	STS_Transportation; Surface Signaling System - Testing & Startup	30 21-Dec-21 A	02-Jun-22	35		
STS.34.42.0500	STS_Install; Security - NB Portal Intrusion Devices	2 28-Mar-22	29-Mar-22	57		
STS.34.42.390	STS_Install; Transportation; ATCS Central Equipment - Lennox OCC	15 28-Mar-22	15-Apr-22	59		
STS.34.41.2120	STS_Install; Traffic Signal Displays 4th St/King	3 11-Apr-22	13-Apr-22	37		
STS.34.41.2100	STS_Install; Traffic Signal Displays 4th St/Hanson	3 14-Apr-22	18-Apr-22	37		
STS.10.41.100	STS_Install; Display Cases Between Windcreens	5 18-Apr-22	22-Apr-22	-558		
STS.01.64.100	STS_Install\Owner Next Bus Signs @ 4th/Braman Station	5 21-Apr-22	22-Apr-22	-561		
STS.34.42.39 c	STS_Fab\Deliver; Transportation; ATCS Central Equipment (34 42 39)	10 21-Apr-22	30-Apr-22	47		
STS.20.71.635	STS_Prepare\Submit; Sub-Systems Maintainability Demonstration - Facility SCADA Systems (FSS)	20 23-Apr-22	12-May-22	56		
STS.20.71.515	STS_Prepare\Submit; Sub-Systems Maintainability Demonstration - PCC SCADA Equipment	40 23-Apr-22	01-Jun-22	36		
STS.34.42.400	STS_Install; Transportation; ATCS Central Equipment - Transportation Mgmt Center (TMC)	15 02-May-22	20-May-22	34		
STS.34.41.2130	STS_Install; Traffic Signal Displays 5th St/Braman	3 03-May-22	05-May-22	37		
No 13-Disp		1273 13-Jan-14 A	11-Jun-22	19		
Unallocated Contingency		119 28-Mar-22	08-Sep-22	-577		

SFMTA Central Subway Project
Master Project Schedule
 One Month Back & Remaining Work - March 2022 Update

Required Revenue Serve Date: 26-Dec-18
 Data Date: 26-Mar-22

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:

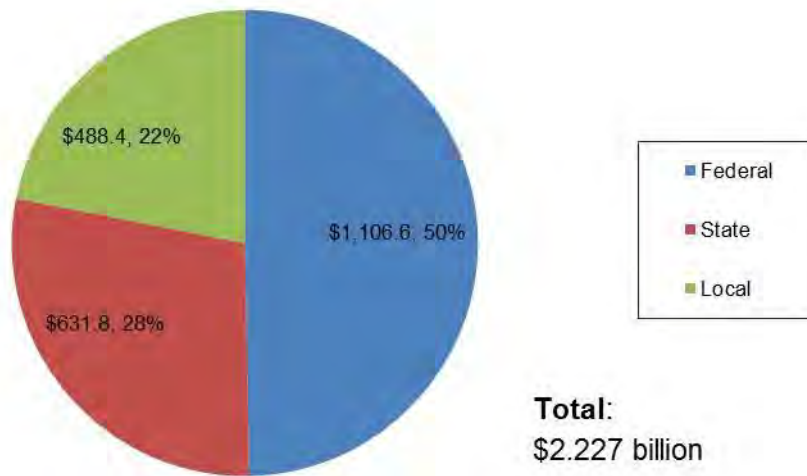
- Phase 1 + Phase 2 of the T Third Line federal, state and local funding percentages previous to the addition of the retrieval shaft relocation budget and funding in December 2013.

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.

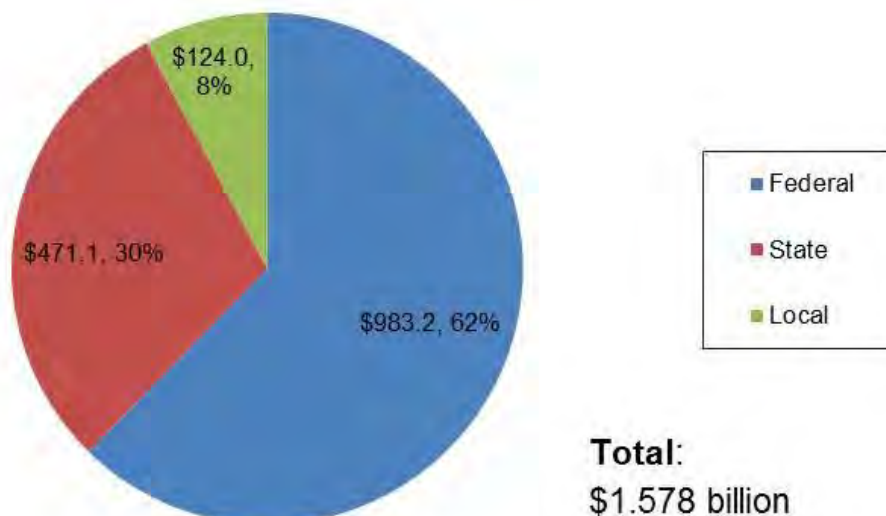
Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2
(\$ in millions)



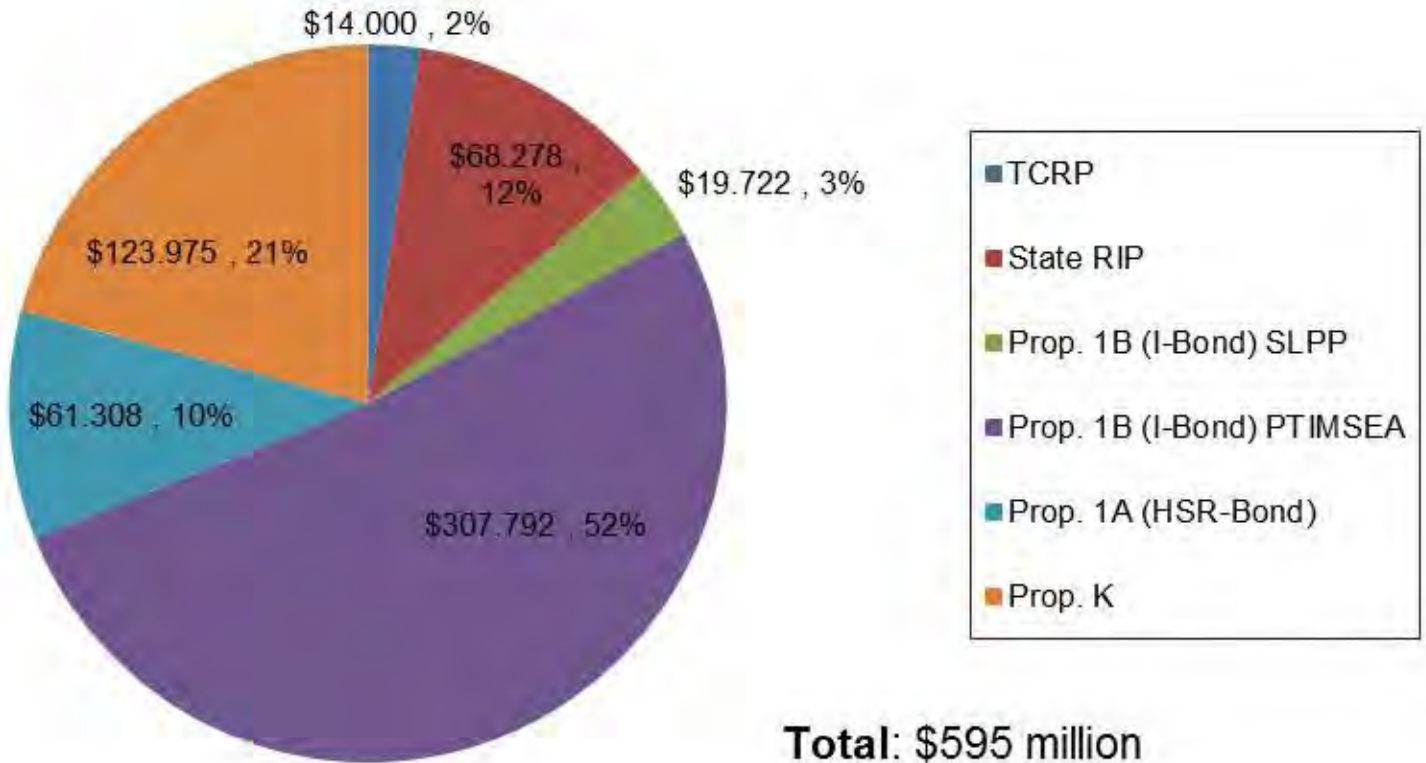
Central Subway Project Funding

Phase 2
(\$ in millions)



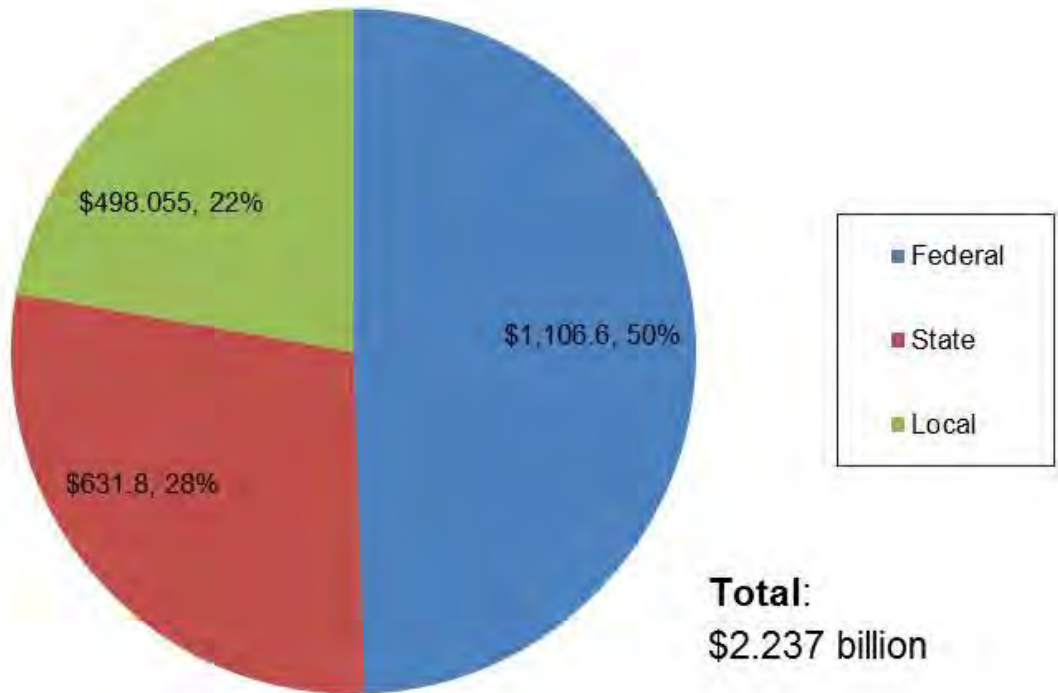
State and Local Funding

Phase 2
(\$ in millions)



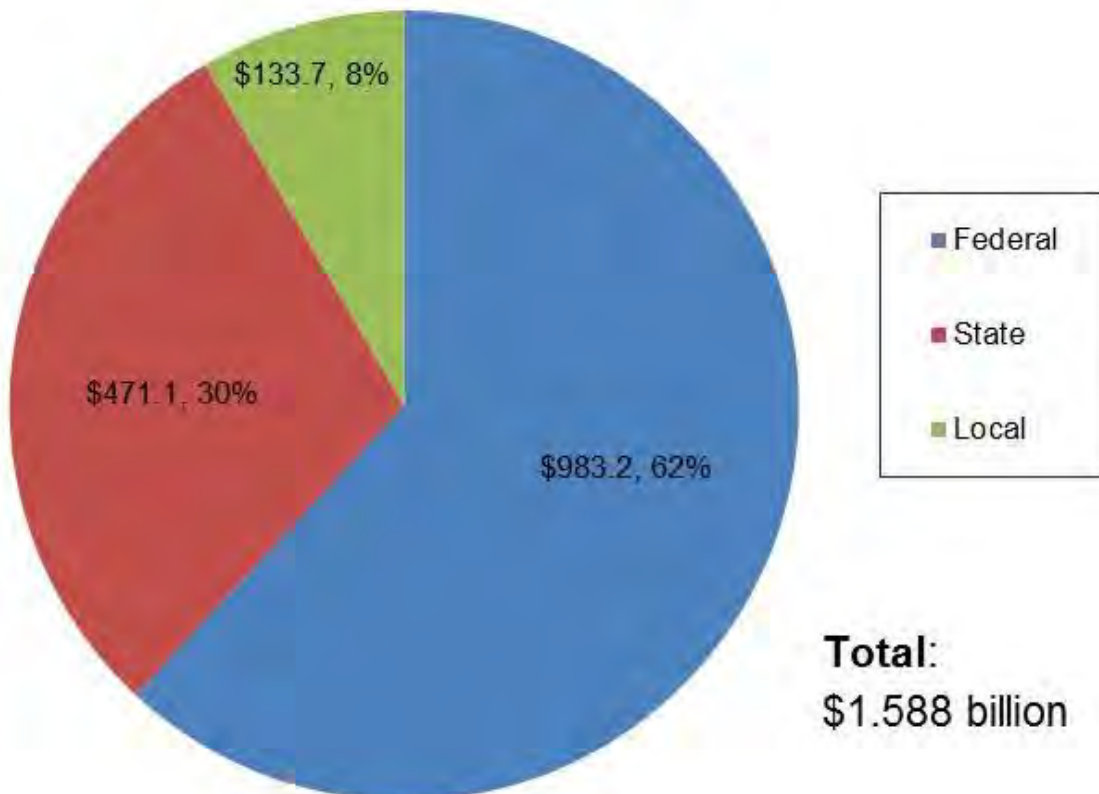
Third Street Light Rail Transit Project Funding

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

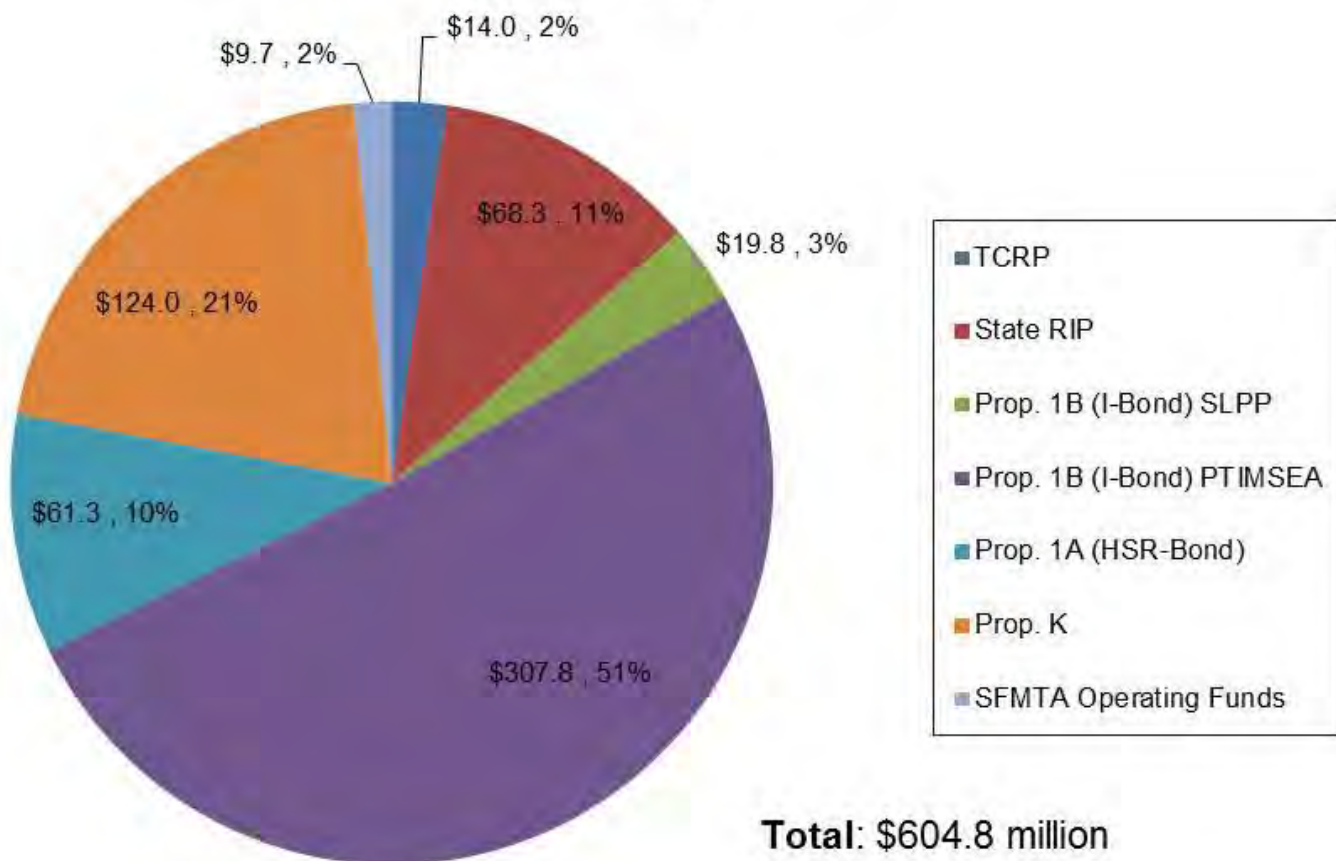


Central Subway Project Funding

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

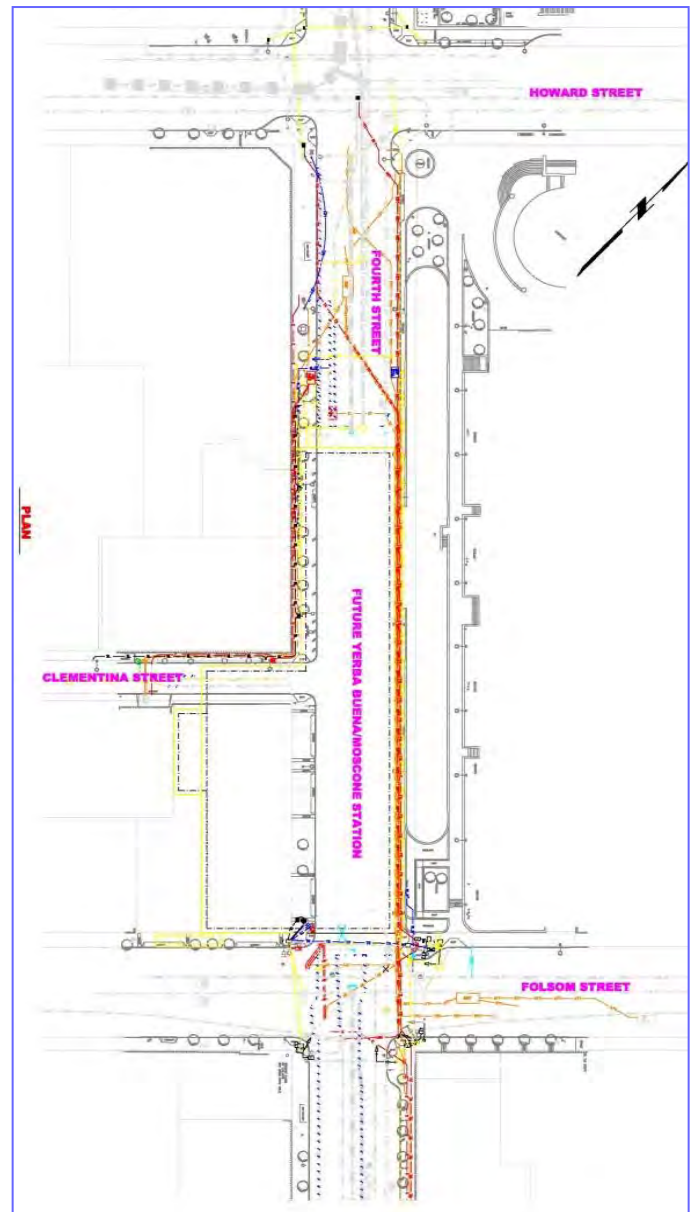
Contract Awarded:	November 17, 2009
Notice to Proceed:	January 4, 2010
Substantial Completion:	June 23, 2011
Contract Award Value:	\$ 9,273,939
Modifications Final :	\$ 2,694,211
Final Contract Value:	\$11,968,150

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

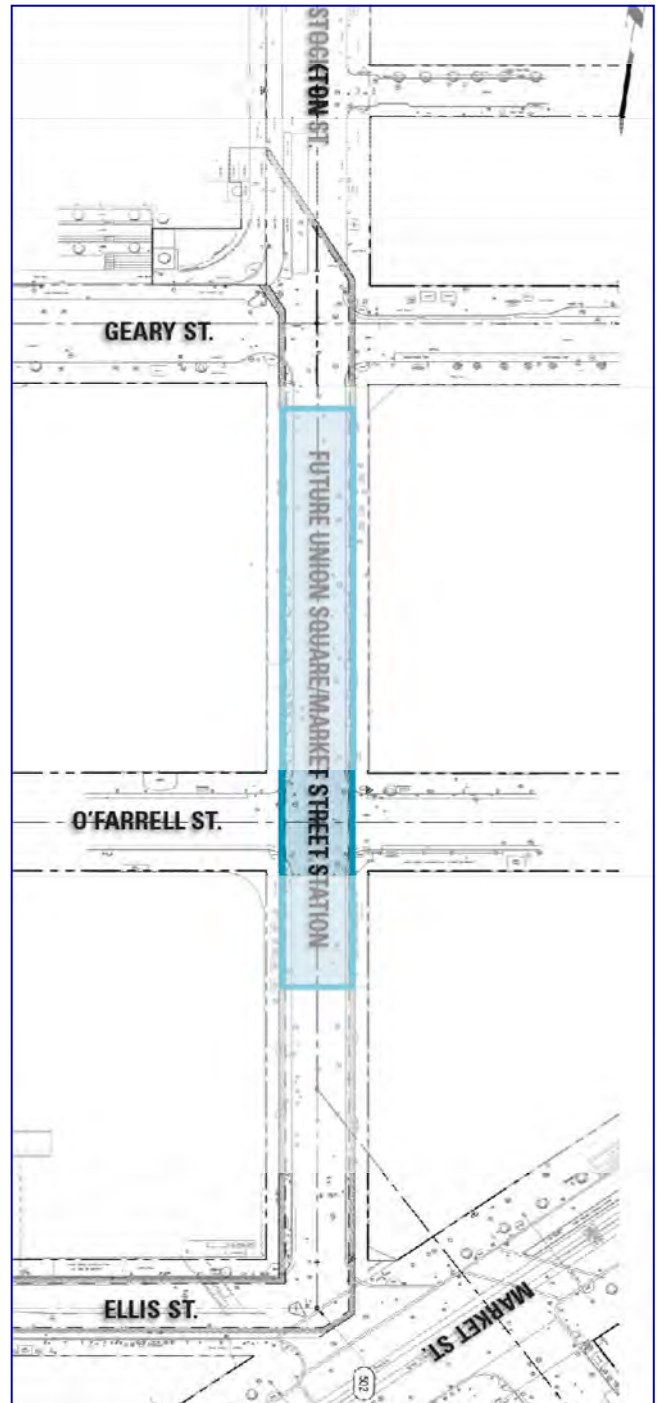
Contract 1251

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 2022 to March 2022

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, 2022.¹

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			<i>millions</i>		<i>millions</i>		<i>millions</i>	<i>millions</i>		
1	149	CS Partnership	Project Management	\$127.58	30%	\$119.90	32.3%	\$38.27	\$38.67	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%	\$52.80	31.2%	\$16.43	\$16.47	36.4%
5	155-3	HNTB, Inc.- B&C	Systems, Track & Surface Station Design	\$21.23	30%	\$21.23	25.9%	\$6.37	\$5.50	30.0%
Subtotal Professional Services				\$228.64		\$211.95		\$67.91	\$65.99	
B Project Construction Contracts			<i>millions</i>		<i>millions</i>		<i>millions</i>	<i>millions</i>		
1	1250	Synergy Inc	Utility Relocation 1	\$11.97	20%	\$11.97	97.2%	\$2.39	\$11.63	96.4%
2	1251	Synergy Inc	Utility Relocation 2	\$20.70	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	\$ 1,145.08	20%	\$1,154.29	17.2%	\$229.02	\$198.80	25.5%
Subtotal Construction Contracts				\$1,418.37		\$1,427.58		\$250.60	\$243.05	
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 #99 January 2022, 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: 3/31/2022

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	\$127,578,071
	Expended to Date (est.)	119,898,661
	% Expended	94.0%
	SBE SFMTA Goal	30.0%
	SBE Participation	32.3%

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.)	52,799,886
	% Expended	96.4%
	SBE SFMTA Goal	30.0%
	SBE Participation	31.2%

Contract:	DP 3 Systems, Track work,	
Contract No.	CS-155-3 HNTB-B&C*	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	22,710,127
	Approved Change Orders (9)	\$2,735,209
	Current Contract Value	\$25,445,336
	Expended to Date (est.)	21,227,080
	% Expended	83.4%
	SBE SFMTA Goal	30.0%
	SBE Participation	25.9%

* denotes accrual

Active and Completed Construction Contracts - SBE Participation Details

Data as of:		3/31/2022
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	\$305,400,113
	Current Contract Value	\$1,145,076,513
	Expended to Date (est.)	1,154,292,334
	% Expended	97.0%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	17.2%







Photos on the next page:

(top to bottom) March 2022: At Chinatown Station, view of Surface Station façade at Washington Street. Platform Escalator landing at Union Square Market Street Station. At Yerba Buena/Moscone Station, a view of the Concourse lobby faregate ticket vending machines. View of Platform walk button at Surface, Track, and Systems Station.

central subway

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