central T subway

Connecting people. Connecting communities.

Transmittal

CS Transmittal No. 2607

To:	Bernardo Bustamante Federal Transit Administration San Francisco Federal Building 90 7th Street, Suite 15-300 San Francisco, CA 94103-6701	**From:**	Nadeem Tahir
		Project No./Contract No.:	M544.1, CSP
		Task No./Title:	Cost/Schedule Management
		Project Phase:	Construction
Date:	March 2, 2021	**Subject:**	Monthly Progress Report January 2021

Sent via:	☐ *mail*	☐ *overnight*	☐ *messenger*	☐ *hand-delivered*
	☐ *fax – **No:***		☒ *email – **Address:***	Bernardo. Bustamante@dot.gov

The following:		***For your:***	***Due date:***
☐ *copy of letter/memo*	☐ *estimate*	☒ *information/use*	N/A
☐ *minutes/agenda*	☐ *schedule*	☐ *action*	
☒ *report*	☐ *deliverable*	☐ *review/comment*	
☐ *presentation*	☐ *review comment form*	☐ *response to comment*	
☐ *cd / dvd*	☐ *no review comment form*	☐ *concurrence*	
☐ *specifications*	☐ *review comments*	☐ *incorporation of comments*	
☐ *half-size drawings*	☐ *response to comments*	☐ *verification*	
☐ *full-size drawings*	☐ *concurrence with response*	☐ *signature*	
☐ *sketches/maps/layouts*	☐ *verification of incorporation*	☐ *acceptance/approval*	
☐ *reference material*	☐ *acceptance/approval*	☐ *other* _____	
☐ *other* _____		_____	

Item No.	***Copies***	***Description***	***Rev. No.***	***Date***
1	1	Monthly Progress Report (January 2021)	1	3/2/2021

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

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

Nadeem Tahir

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

cc:

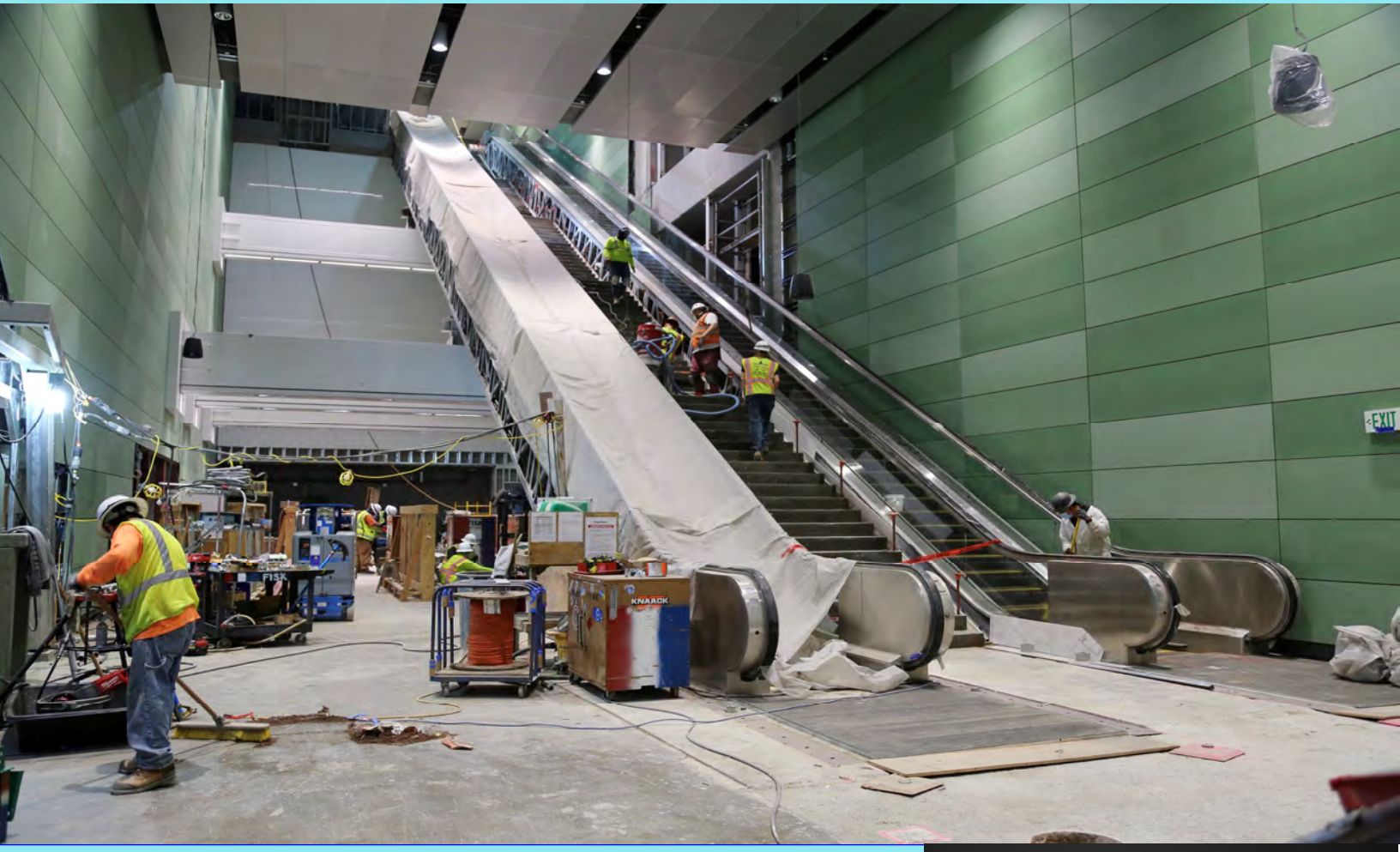
Pete Hankovszky, PMOC (phankovszky@deainc.com)
Luiz Zurinaga, SFCTA (luis.zurinaga@sfcta.org)
Anna LaForte, SFCTA (anna.laforte@sfcta.org)
Maria Lombardo, SFCTA (maria.lombardo@sfcta.org)
Deanna Desedas, SFMTA
Carli Paine, SFMTA
Terrance Fahey, SFMTA
Mark Liu, SFMTA
Catherine Luu (catherine.luu@dot.gov)
Billy Deeb, AON (billy.deeb@aon.com)
SFCTA project file: Propk@sfcta.com
Kate Breen, SFMTA
Kathleen Sakelaris, SFMTA
Jeffrey Tumlin, SFMTA
Joel Goldberg, SFMTA
Jonathan Rewers, SFMTA
Julie Kirschbaum, SFMTA
Joel Ramos, SFMTA
Ray Tellis, FTA (ray.tellis@dot.gov)
Lisa Gavin (lisa.gavin@dot.gov)
Eric Chang, PMOC (ehch@deainc.com)

CS File No. M544.1.5.0340.b

central T subway

Coming Together

Moving forward with progress across all stations



Progress Report

January 2021

SFMTA

This page intentionally left blank

Table of Contents

Table of Contents - continued

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

Appendices

Cover photo: ***Progress on the main escalator heading down into the ticketing hall***

Above photo*: The floors at the Union Square station are covered up to prevent damage to the finished layer.*

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/

Signage in place at the 4th and Brannan station

Executive Summary

Coronavirus Pandemic (COVID 19) - Coronavirus Pandemic (COVID 19) Update - 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. While the City continues to observe restrictions from the City's Health Officer, the City has reissued "Shelter-In-Place" order in response to the increasing cases of infection. Construction of the Central Subway project continues to progress and Construction Management team continues to monitor impact of the COVID restrictions on project schedule. Two additional cases were reported in January. One case was with SFMTA staff and the second case was with the subcontractor. All quarantined personnel have followed the appropriate procedures to return to work. The Contractor is following the required protocol to maintain the safety of the work force. The project has determined that these restrictions have some impacts to the project efficiency and schedule. The project has worked with our funding partners and has issued a revised Full Funding Grant Agreement requesting extension to the Revenue Service Date (RSD). While the COVID restrictions have continued to change, the project team continues to only have essential project staff on site to ensure safety of the staff and allow other staff to telecommute. (For additional discussion, please see Safety and Security section on pg. 34)

Chinatown Station - Completed installing overhead signage along North/South Cavern Platform. Completed installing Stair 5A. Completed installing grating at roof walkways. Completed installation of crystalized glass panels on radiused ends of utility houses at Concourse level. Obtained permanent electric PG&E power for alternate feeder. Continued street work (minor), monitoring and surveying.

Union Square/Market Street Station - Completed installation of OCS brackets at Platform level. Completed installation of accordion door for escalator disconnect at Platform level. Started installation of taction conduits and traction pull boxes at Platform. Continued working on Station Agent Booth.

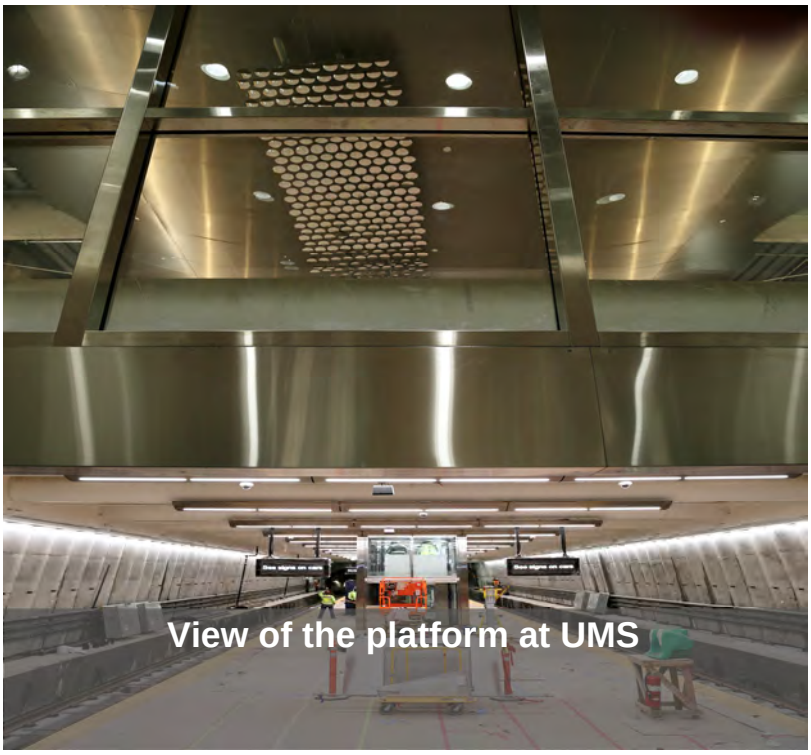
Yerba Buena/Moscone Station - Completed installing handrails at ingress/egress Stair 7. Completed installing precast pavers at plaza area at Surface level. Completed 98% installation of ceiling metal panels at Headhouse roof. Completed 95% of FA system.

Surface, Track and Systems– Completed track switch machine installation. Continued traction power conduit and other electrical conduit installation inside tunnel. Continued 4th/Brannan platform construction. Continued installation of ATCS and radio system.

Total net incurred costs for the project are $1,696.57 million, a $12.21 million increase over last month. The total cost to date has exceeded the total project budget of $1.578 billion. The project continues to review the overall cost. The current Estimate at Completion (EAC) is projected to be $1.793B or $215M above the original budget of $1.578B. The project shows a forecast Revenue Service Date of Spring 2022. (For additional discussion, please see Costs and Schedule on pg.7)

The Stations Contractors' Safety Reports should show any accidents that may occur during the current month. The rates of work site accident incidents by the man hours worked continue to be below industry standards - see tables on page 35

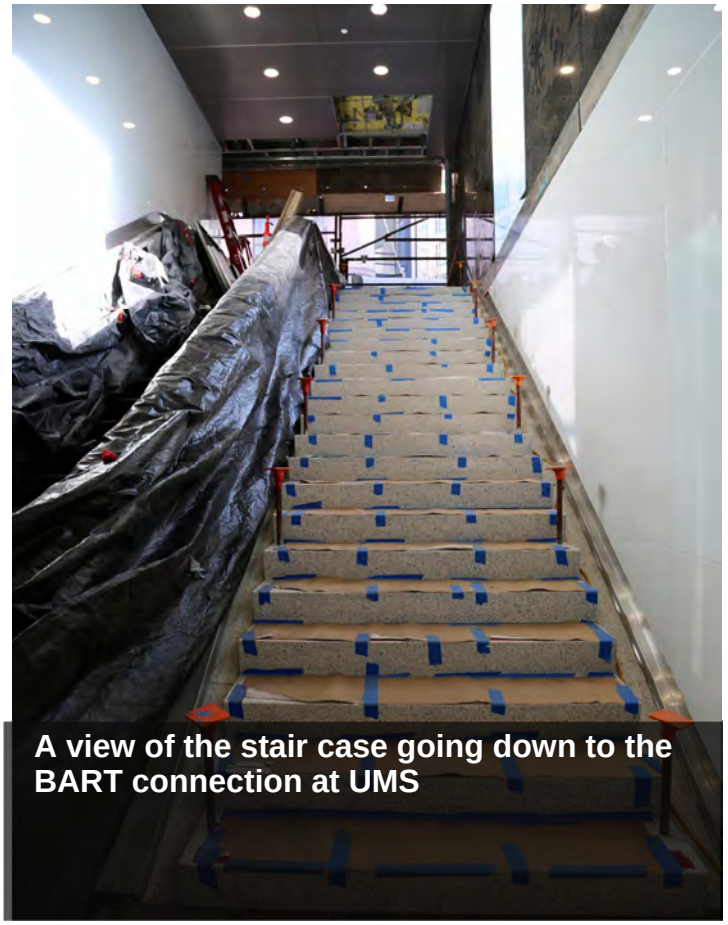
Key Milestones



View of the platform at UMS

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

Workers installing electrical components along the track



A view of the stair case going down to the BART connection at UMS

Costs and Schedule

Costs (See Appendix A for Details)

The revised Cost Estimate (CCE) for the Central Subway Project is $1.691 billion in year of expenditure dollars ($YOE). The project is working with our funding partners to address the current funding shortfall. Currently, the project estimates the Estimate at Completion (EAC) to be $1.793B or $215M above the original budget of $1.578B. These revised estimates have been shared with our board. Based on the additional funding requirement, the project has received additional $113M from capital contingency funds. The project will continue to work with Finance and Grants to secure these additional funds which will come from redirecting flexible funds from other funded capital projects that are delayed and have alternate cash flow. EAC has been adjusted as additional cost related to claim settlements, contract modifications and delayed cost due to the current pandemic are identified. As the EAC is revised and the funds are identified, the team will update the various cost sheets to reflect the revised budget and EAC along with any impacted appendix. The team anticipates that this will take several reporting cycles to adjust as the update are delayed by one month based on the report. The team continues to work with SFMTA Finance and Grants to book funds as they are identified and become available to the program.

Total net incurred costs for the project are $1,696.57 million, a $12.21 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report ($1,638.29 million) plus the utilities joint trench Form B Reimbursement payment ($12.51 million), invoices currently being processed ($69.41 million) and estimates of outstanding pay requests credits of ($23.61 million). The revised total project budget is $1.691 billion due to additional local funds received.

The current funding level to date has already been fully met which includes excess local funds consisting of Operating funds of $26,000,000 appropriated in January 2021 . The original total project budget of $1.578 billion has already completed its original funding of the program in July 2020. The project team will continue to work with our financial partners to ensure that impacts to the project are minimized and the additional funds are secured.

Earned Value Analysis

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

Preliminary January Earned Value

Overall Budgeted Cost:	$1,690,687,192
Planned Value:	$1,593,491,019
Earned Value:	$1,485,458,067
Actual Cost:	$1,696,568,033
Schedule Performance Index (SPI):	0.93
Cost Performance Index (CPI):	0.88
Percent Complete:	93.2%

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

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

Schedule Highlights

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

The MPS shows a forecast Revenue Service Date of Spring 2022 based on a revised assessment of the overall schedule and the current project conditions related to work efficiency due to COVID. The revised Revenue Service Date of Spring 2022 has been shared with our funding partners and a revised request to extend the Full Funding Grant Agreement with the revised date has been submitted to Federal Transit Administration (FTA) for review and approval. The project continues to evaluate this date with potential impact from COVID restrictions with stricter guidelines and procedures. The schedule team is assessing the risk with these issues and identifying potential mitigation to reduce the risk to the overall schedule. The Contractor has notified the City that potential delay may have occurred due to the social distancing requirement which is impacting production rates.

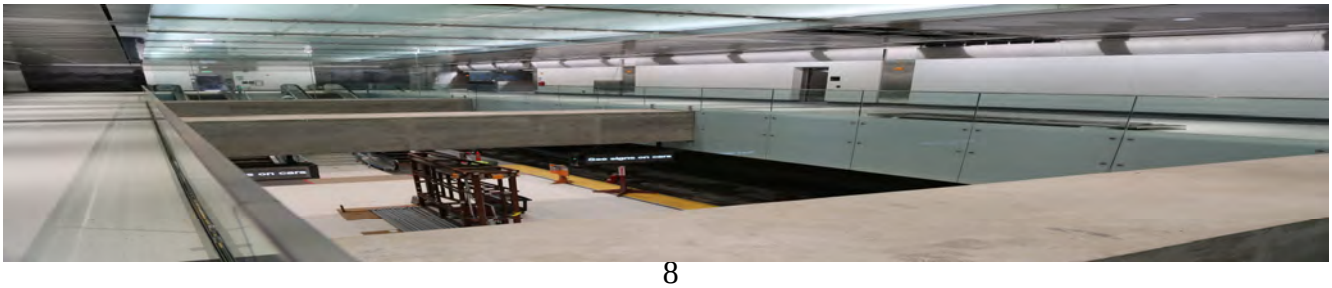
Currently we are experiencing day-to-day delays caused by TPC's electrical work in the tunnel impacted by lack of resources and extended approvals of contract modifications related to Radio and Train Control Systems. These issues have impacted TPC's Substantial Completion date, we have mitigated the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

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

Contract 1300 Contractor submitted fifty-four (54) Schedule Updates from December 2014 to July 2019. SFMTA rejected twenty eight (28) Schedule Updates from January 2016 to 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 January 2021 schedule is used within the September Report. The SFMTA Contract 1300 January 2021 schedule is based on the approved baseline schedule logic with adjustments made as mentioned above. The SFMTA will continue to use the SFMTA Contract 1300 schedule update as a forecasting tool going forward until the Contract 1300 Contractor submits an acceptable schedule that addresses all of SFMTA scheduling concerns.



Schedule Highlights - Continued

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

- Completed installing terrazzo for Stair 1 at Cavern Platform level
- Continue installing terrazzo for Stair 2 and 3 at Station Headhouse
- Completed installing overhead signage along North/South Cavern Platform
- Continued installing electrical and communication conduits at Station Agent Booth at Concourse level
- Continued pulling service wires at Equipment Room at Underplatform level
- Continued pulling service wires at Main Electrical and Traction Power rooms at Headhouse Platform level
- Continued installing storm, sewer, water piping, refrigerant, and fire sprinkler piping at Surface/Plaza levels
- Continued installing Elevators 1, 2, 3, and 4
- Completed installing Stair 5A
- Continued installing Stair 5 and 6
- Continued construction of Plaza roof and stairs
- Completed installing fire proofing for Plaza level
- Completed installing electrical conduits and sprinkler piping at Surface/Plaza levels
- Continued installing GFRC panels at Plaza level
- Completed installing grating at Roof walkways
- Continue installing pavers at Surface/Plaza level
- Obtained permanent electrical PG&E power for Alternate Feeder
- Continue testing board and panels, transformers, and lighting
- Complete construction of 8” water line along Washington Street
- Began sidewalk/street restoration along Washington Street
- Continued street work (minor), ongoing monitoring and surveying

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

Continued construction, installation and testing of the following items:

- Started Installation of Traction Conduits and Traction Pull Boxes at Platform Level.
- Started Painting Traction Power Conduits at Platform level.
- Continued Installation of Handrails at Stair 2 and Stair 5.
- Continued working on Station Agent Booth.
- Continued Installation of Standpipes for Fire Hose Cabinets at Concourse Level.

Schedule Highlights - Continued

- Continued Installation of Power and Data Outlets at Ellis Entrance.
- Completed Installation of Crystalized Glass Panels on Radiused ends of Utility houses at Concourse Level.
- Continued Removal of Paint at Corridor CN34.
- Continued Installation of cables for Artwork at Concourse Level
- Completed Installation of OCS brackets at Platform level.
- Completed installation of Accordion door for Escalator disconnect at Platform Level.

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

- Completed Installing Handrails at Ingress/Egress Stair 7
- Continued installing doors and Hardware's
- Continued work interior finishes Concourse Levels within Station Box
- Completed Rough in FSD's and FA-Pull fire alarm wire at platform
- Continued installation of Elevators 3 and 4
- Completed Installing Precast pavers at Plaza area at Surface level.
- Completed (98%) installation of Ceiling metal panels at Headhouse roof
- Started Align and bolt down Traction Power gear and Install bus duct at TP room.
- Continued installing Platform Kiosks
- Continued installing Kiosks at concourse
- Continued installing Station Agent Booth
- Completed 95% FA system
- Complete Systems Start up and Acceptance Testing (Completed FA Test, FSS Scada test and Fan Dumper Control Panel Sit Test)
- Completed 60% AT&T – Pull in wires to all building levels. Set trim and terminate devices (Completed 4 pull wires at elevator and 2 pull in wires at blue light)

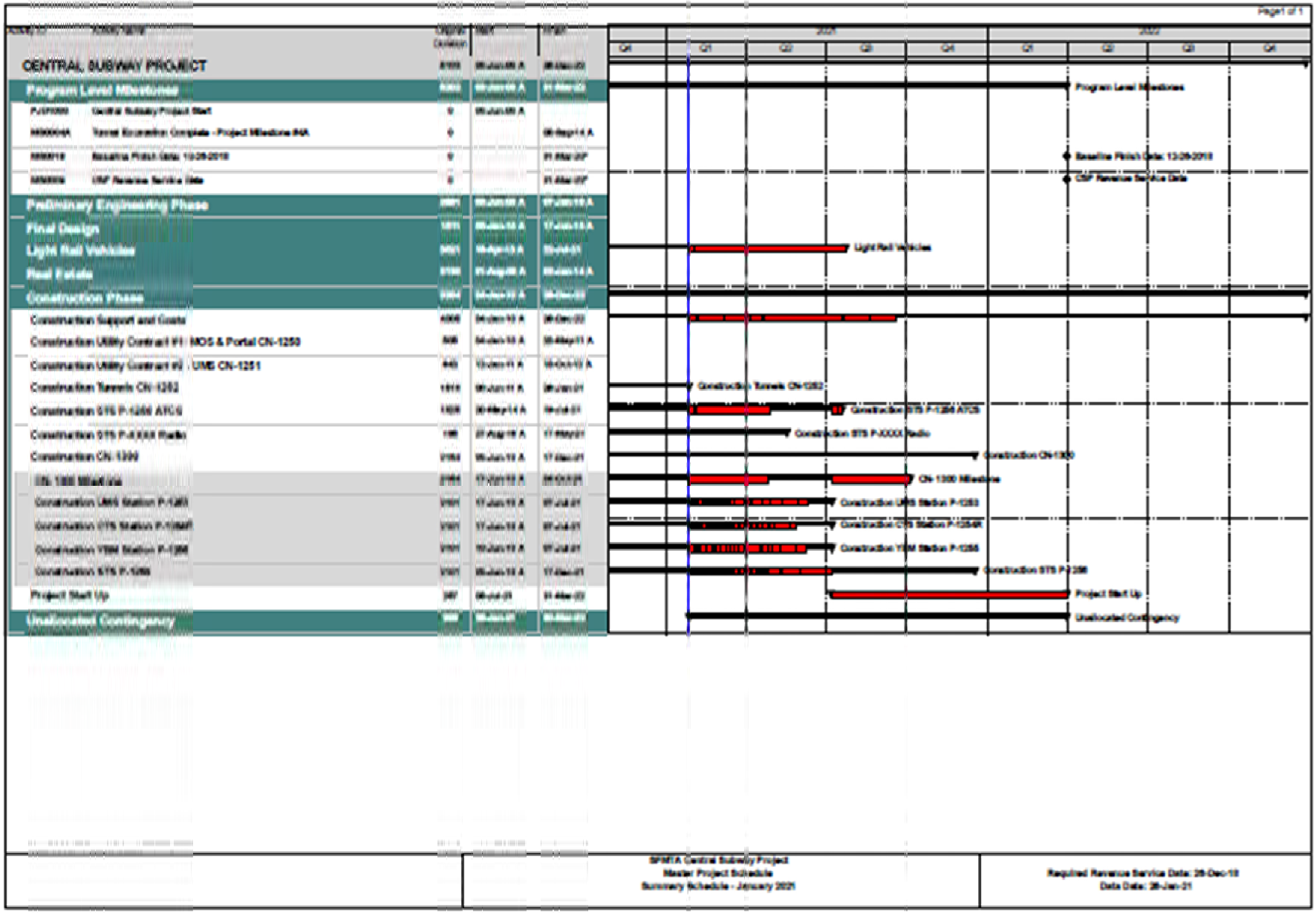
Work Package P-1256 (STS) has performed the following work this month:

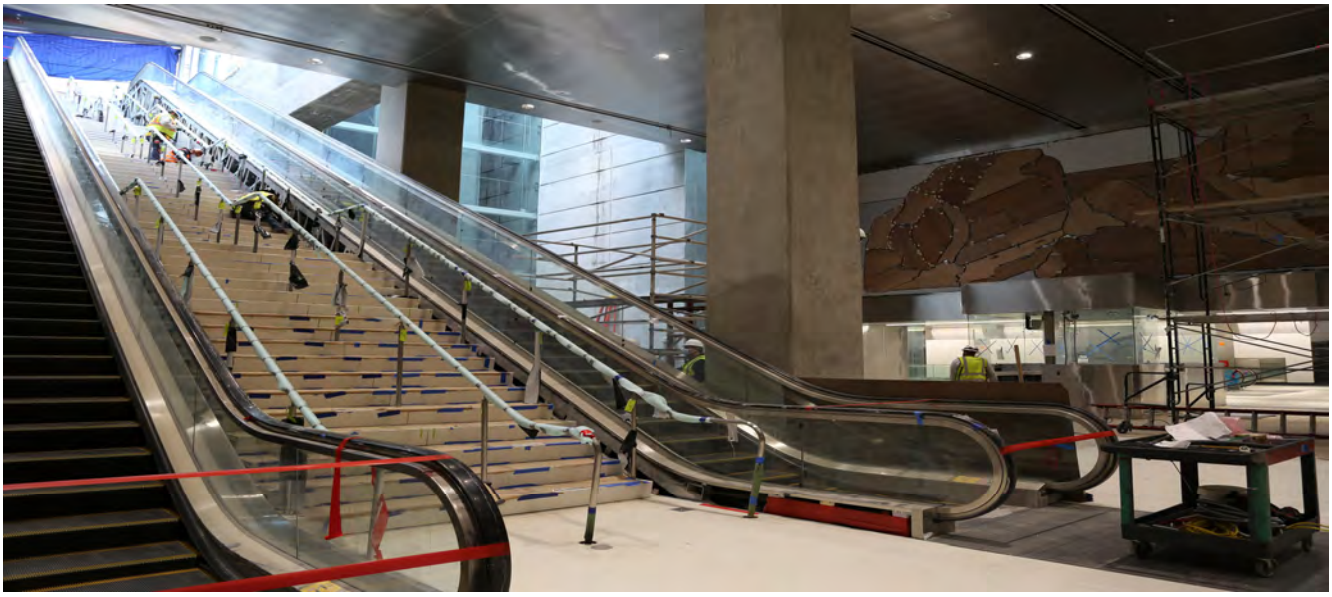
- Continued 4th/Brannan platform construction
- Continued traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical power
- Continued traction power cable installation, terminations, and installation of cross bonds throughout the tunnel.
- Continued OCS hanger installation and installation of OCS risers throughout the tunnel
- Continued installation of ATCS and radio system

Schedule Highlights - Continued

- Continued fiber system installation and terminations in comm rooms (SFDT)
- Started FDC installation near 4th St. portal
- Completed track switch machine installation at CTS DXO cavern

Master Project Schedule





View of the escalator heading down to the ticketing hall at YBM

Contracts & Construction

Construction Contracts In Progress

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

- Contractor: Tutor - Perini Corporation
- Amount: $1,006.90 million
- Contract Status: 94.9% 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

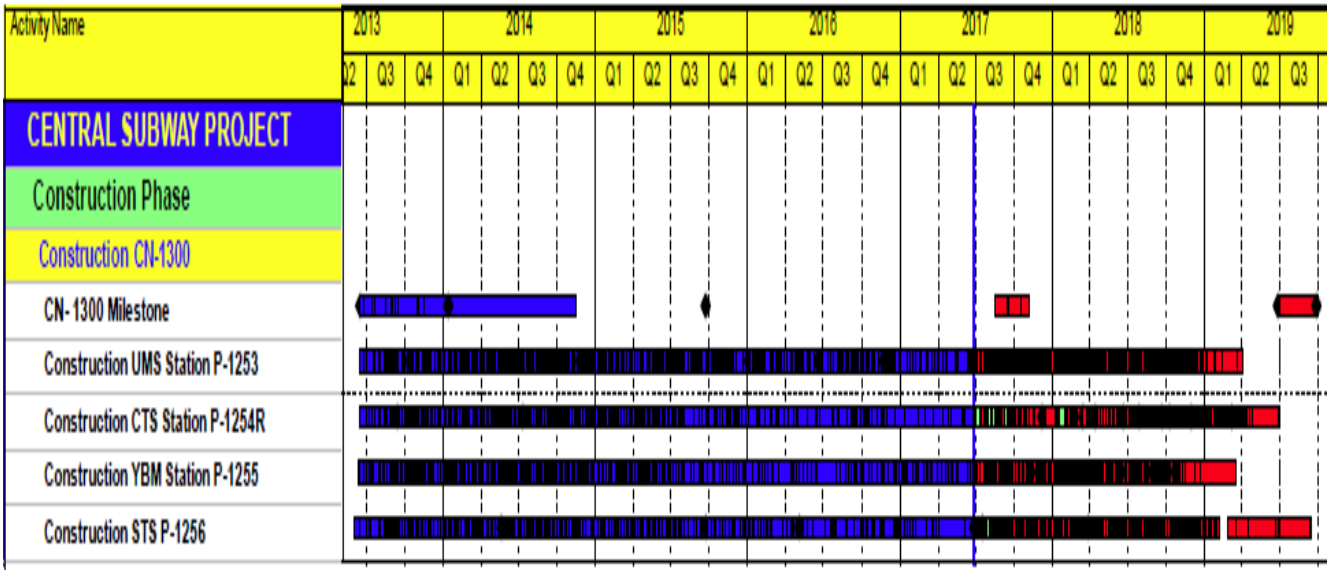
The Contract 1300 scope is to construct the Central Subway's three subway stations, one surface station, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

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:	**$839,676,400**
Modifications to Date ($):	**$167,224,504**
Modifications to Date (Days):	**1,052**
Current Contract Value:	**$1,006,900,904**

Budget/Expenditures▲	
Current Budget	**$978,384,505**
Other Project Offset Credits	**$10,304,777**
Expenditures to Date	**$989,337,572**

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.

- Completed installing terrazzo for Stair 1 at Cavern Platform level
- Continue installing terrazzo for Stair 2 and 3 at Station Headhouse
- Completed installing overhead signage along North/South Cavern Platform
- Continued installing electrical and communication conduits at Station Agent Booth at Concourse level
- Continued pulling service wires at Equipment Room at Underplatform level
- Continued pulling service wires at Main Electrical and Traction Power rooms at Headhouse Platform level
- Continued installing storm, sewer, water piping, refrigerant, and fire sprinkler piping at Surface/Plaza levels
- Continued installing Elevators 1, 2, 3, and 4
- Completed installing Stair 5A
- Continued installing Stair 5 and 6
- Continued construction of Plaza roof and stairs
- Completed installing fire proofing for Plaza level
- Completed installing electrical conduits and sprinkler piping at Surface/Plaza levels
- Continued installing GFRC panels at Plaza level
- Completed installing grating at Roof walkways
- Continue installing pavers at Surface/Plaza level
- Obtained permanent electrical PG&E power for Alternate Feeder
- Continue testing board and panels, transformers, and lighting
- Complete construction of 8” water line along Washington Street
- Began sidewalk/street restoration along Washington Street
- Continued street work (minor), ongoing monitoring and surveying

Work Expected Next Month

- Complete installing terrazzo for Stair 2 and 3 at Station Headhouse
- Complete installing overhead signage along North/South Cavern Platform
- Continue installing electrical and communication conduits at Station Agent Booth at Concourse level
- Begin constructing soffit for exposed conduits along North wall at Concourse level
- Complete installing Stair 5 and 6
- Complete pulling service wires at Equipment Room at Underplatform level
- Complete installing overhead conduit at Traction Power rooms at Headhouse Platform level

Chinatown Station

- Complete pulling service wires at Main Electrical and Traction Power rooms at Headhouse Platform level
- Complete installing storm, sewer, water piping, refrigerant, and fire sprinkler piping at Surface and Plaza levels
- Complete installing Elevators 1, 2, 3, and 4
- Complete construction of Plaza roof and stairs
- Continued installing GFRC panels at Plaza level
- Complete installing pavers at Surface/Plaza level
- Complete installing electrical conduits and sprinkler piping at Surface and Plaza levels
- Complete traction power conduit installation
- Begin installing OCS at Cavern
- Begin installing Train Platform Kiosks
- Begin installing Kiosks at Concourse Ticketing Hall
- Continue testing board and panels, transformers, and lighting
- Begin testing Traction Power and Train Control components
- Power and Lighting startup and testing.
- Fire Alarm /PA / Security System startup and testing.
- Complete sidewalk/street restoration along Washington Street
- Open up 1 Westbound traffic lane along Washington Street
- Begin reactivation of existing AWSS pipeline along Stockton Street
- Continue street work (minor), ongoing monitoring and surveying

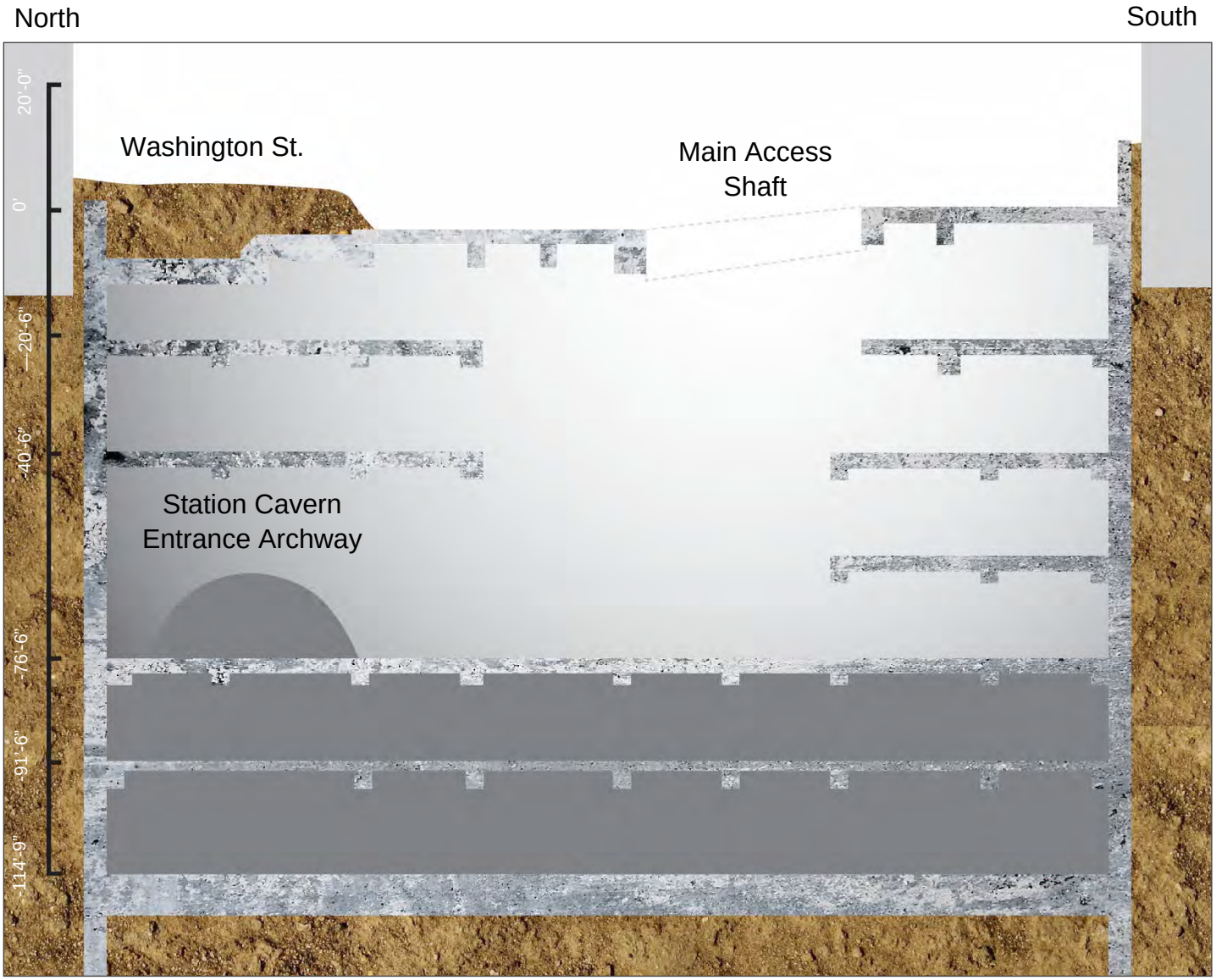
Three Month Look Ahead

- Complete construction of PCC 50 Chinatown Plaza
- Continue component and system testing
- Complete reactivation of existing AWSS pipeline along Stockton Street
- Abandon dewatering wells on Stockton Street
- Complete Systems Start up and Acceptance Testing

Chinatown station, progress on the wall sliding and the MEP behind it

CTS—continued

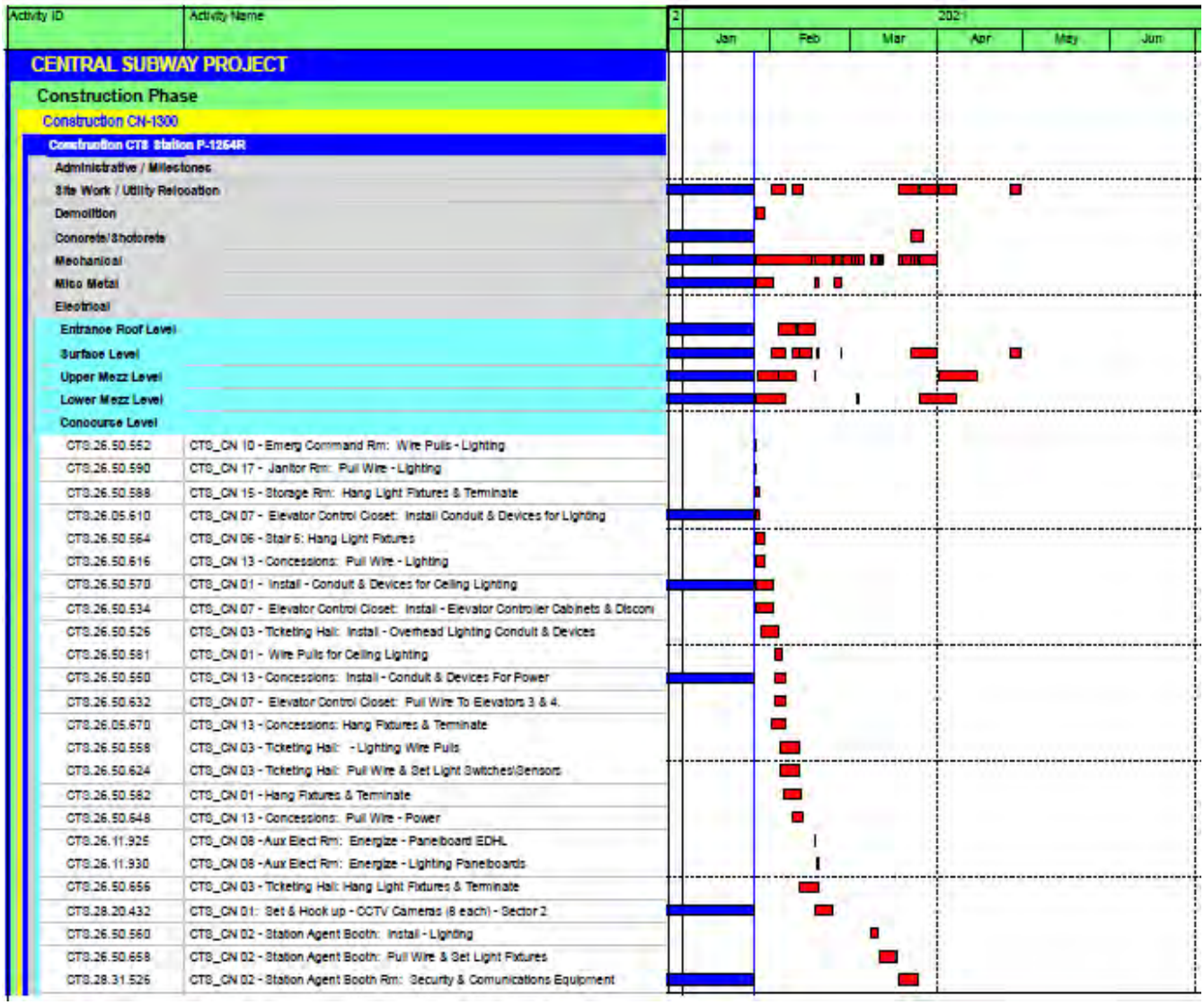
Station Construction Progress Section



Contract Details	
Contract Awarded:	**May 21, 2013**
Notice to Proceed:	**June 17, 2013**
Substantial Completion:	**Spring 2021**
Contract Award Value:	**$247,567,810**
Modifications to Date ($):	**$62,581,923**
Modifications to Date (Days):	**1,052**
Current Contract Value:	**$310,149,733**

Budget/Expenditures	
Current Budget	**$269,185,704**
Other Project Offset Credits	**$7,256,680**
Expenditures to Date	**$292,976,065**

CTS Three Month Schedule



Schedule: Contract 1300 January 2021 Update

Union Square/Market Street Station

Contract 1300 Work Package1253

Description of Work

This Work Package is to construct one subway station and perform related street work. Includes station finishes, AC and DC traction power, substations elevators, escalators, lighting, emergency ventilation fans, HVAC fire alarm/ suppression/ protection, slurry wall top-down construction, settlement monitoring, building protection, PA, CCTV, signage, installation of fare collection equipment and station start-up and commissioning. This work package also involves reconstruction Street work which includes Geary St, O'Farrell St, Ellis Street and Stockton street from Post Street to the intersection of 4th / Ellis St / Market St.

Current Status This Month

Continued construction, installation and testing of the following items at -

- Started Installation of Traction Conduits and Traction Pull Boxes at Platform Level.
- Started Painting Traction Power Conduits at Platform level.
- Continued Installation of Handrails at Stair 2 and Stair 5.
- Continued working on Station Agent Booth.
- Continued Installation of Standpipes for Fire Hose Cabinets at Concourse Level.
- Continued Installation of Power and Data Outlets at Ellis Entrance.
- Completed Installation of Crystalized Glass Panels on Radiused ends of Utility houses at Concourse Level.
- Continued Removal of Paint at Corridor CN34.
- Continued Installation of cables for Artwork at Concourse Level
- Completed Installation of OCS brackets at Platform level.
- Completed installation of Accordion door for Escalator disconnect at Platform Level.

Work Expected Next Month

Continued construction, installation and testing of the following items at -

- Start painting at Corridor CN34.
- Start Installation of Gates at Platform Level.
- Continue working on Station Agent Booth (install glass, counters and electrical work.
- Continue Installation of FHCs.
- Continue Installation of Traction Conduits and Traction Pull Boxes.
- Continue Installation of cables for Artwork at Concourse Level (Gizmo).
- Continue Painting Traction Power Conduits at Platform level.

Three Month Look Ahead

Completion of the following:

- All structural concrete work.
- Stairs, elevators and escalators.
- Ceiling panels.
- Emergency lighting at tunnel tie-in on platform level.

Union Square/Market Street Station

Contract 1300 Work Package1253

- CCTV/Communication at tunnel tie-in on platform level.
- Station Agent Booth.
- Application of Anti-graffiti.

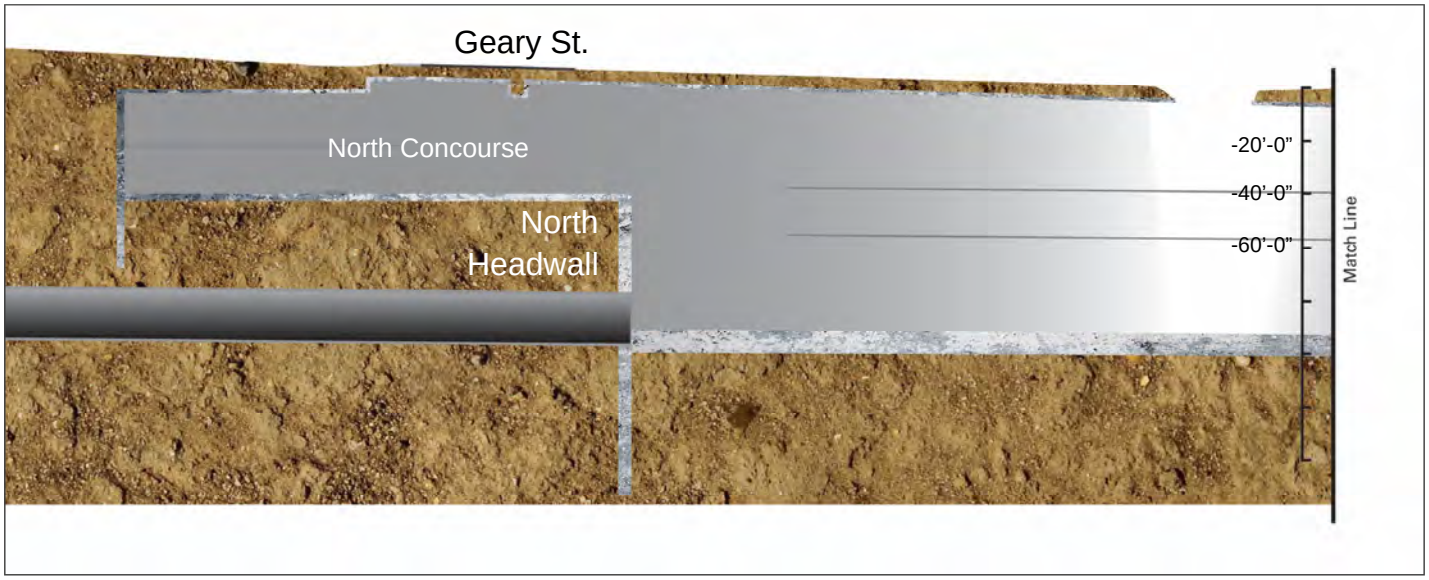
Continued construction / begin installation and testing of the following:

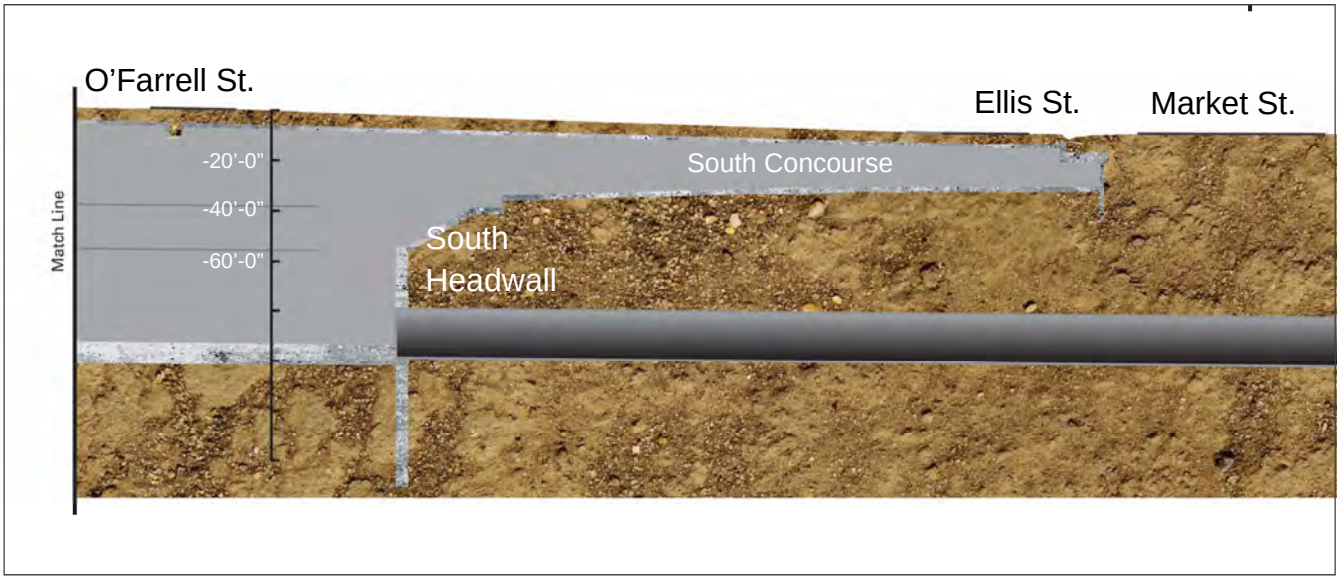
- Fireproofing.
- Terrazzo flooring and stairs.
- Glass wall panels.
- Artwork on concourse level.
- Light fixtures and controls at Ellis Entrance.
- Fire Alarm/ PA/ Security System.
- Overhead plumbing, fire protection piping and overhead fixture and electrical.
- Frames and pressurized doors at intermediate strut level.
- Access controls.
- HVAC and EV startup and testing.
- Power and Lighting startup and testing.
- Fire Alarm /PA / Security System startup and testing.
- Permanent PG&E historic streetlights at O'Farrell and Stockton Street.
- Traffic cabinets.
- OCS Installation.
- Installation of traction conduits.

View down the concourse at Union Square Station

Station Excavation and Construction Progress Section

North South

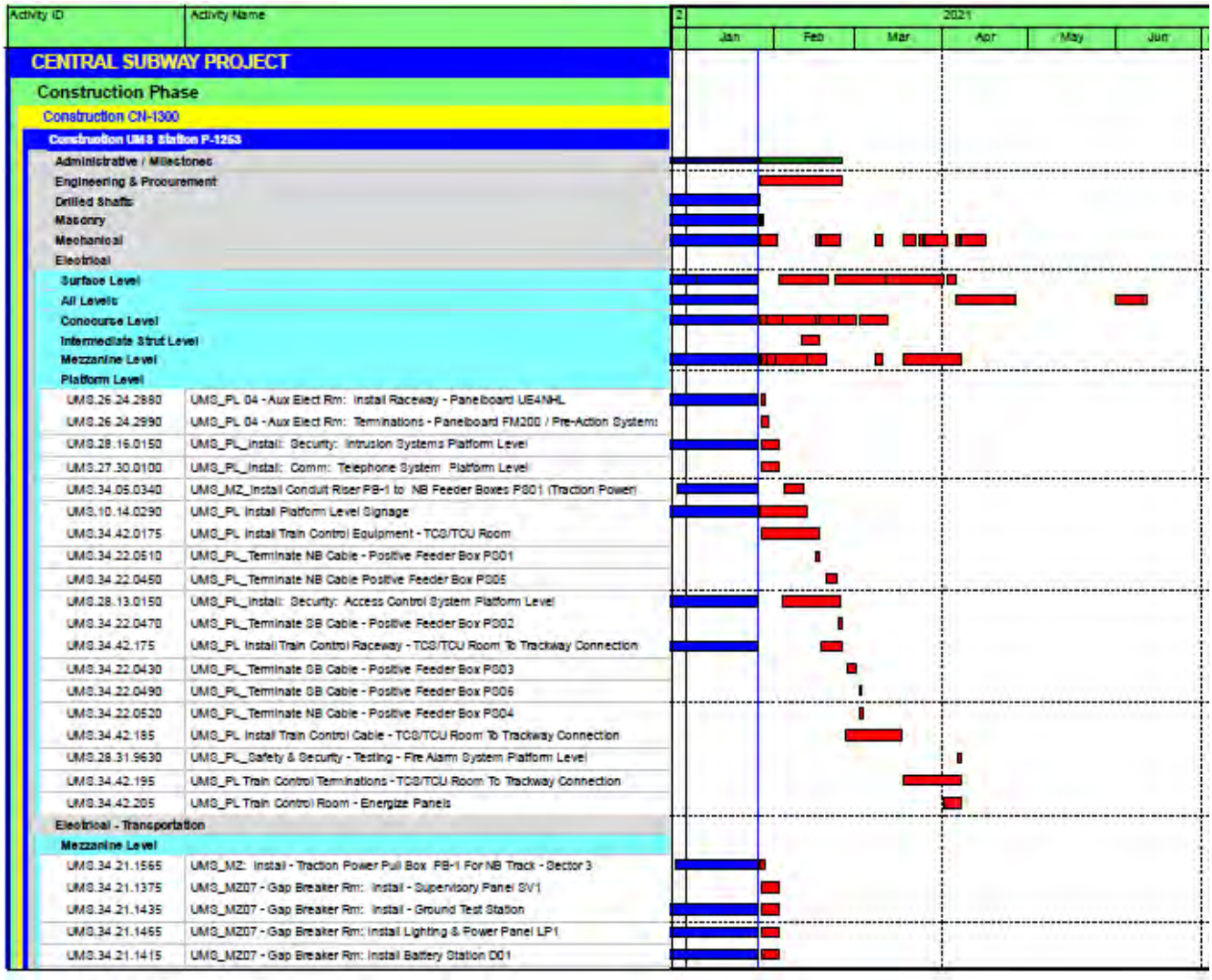




Contract Details	
Contract Awarded:	**May 21, 2013**
Notice to Proceed:	**June 17, 2013**
Substantial Completion:	**Spring 2021**
Contract Award Value:	**$294,030,590**
Modifications to Date ($):	**$20,744,337**
Modifications to Date (Days):	**1,052**
Current Contract Value:	**$314,774,927**

Budget/Expenditures ▲	
Current Budget	**$314,030,590**
Expenditures to Date	**$310,792,048**

UMS Three Month Schedule



Schedule: Contract 1300 January 2021 Update

Yerba Buena/Moscone Station

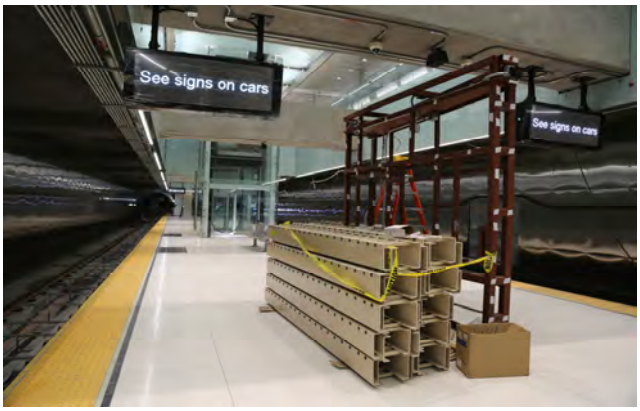
Contract 1300 - Work Package 1255

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 Installing Handrails at Ingress/ Egress Stair 7
- Continued installing doors and Hardware's
- Continued work interior finishes Concourse Levels within Station Box
- Completed Rough in FSD's and FA-Pull fire alarm wire at platform
- Continued installation of Elevators 3 and 4
- Completed Installing Precast pavers at Plaza area at Surface level.
- Completed (98%) installation of Ceiling metal panels at Headhouse roof
- Started Align and bolt down Traction Power gear and Install bus duct at TP room.
- Continued installing Platform Kiosks
- Continued installing Kiosks at concourse
- Continued installing Station Agent Booth
- Completed 95% FA system
- Complete Systems Start up and Acceptance Testing (Completed FA Test, FSS Scada test and Fan Dumper Control Panel Sit Test)
- Completed 60% AT&T – Pull in wires to all building levels. Set trim and terminate devices (Completed 4 pull wires at elevator and 2 pull in wires at blue light)



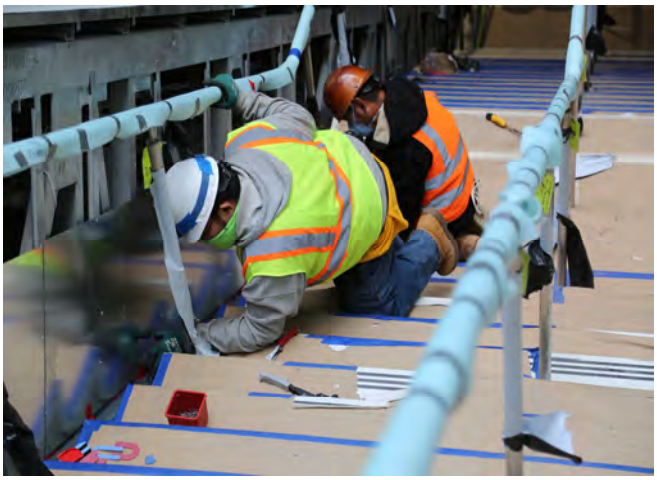
Work Expected Next Month

- Install Handrails at Ingress/Egress Stair 8 & 9
- Complete installation of doors and Hardware's
- Complete interior finishes on Concourse Levels within Station Box
- Complete interior finishes on Mezzanine
- Complete installation of sculpture at Surface level
- Complete installation of Elevators 3 and 4
- Complete installation of Escalators 3 and 4
- Complete Installation of Ceiling metal panels at Headhouse roof.
- Complete Align and bolt down Traction Power gear and Install bus duct at TP room.
- Complete installing Platform kiosks
- Complete installing Kiosk at Concourse
- Complete Station Agent Booth
- Complete Surface Plaza Area
- Complete Systems Start up and Acceptance Testing (Air Balancing and heat recovery coil balance Test)
- Complete AT&T – Pull in wires to all building levels. Set trim and terminate devices

- Complete FA system
- Complete FA system
- Complete Set trim and terminate devices – Test

Three Month Look Ahead

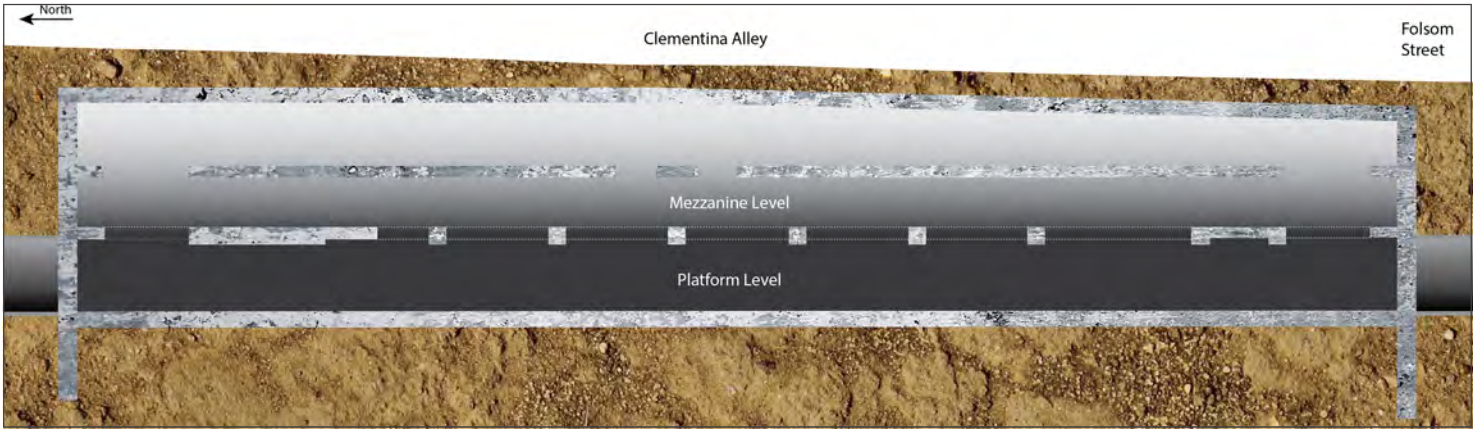
- Install Handrails at Ingress/Egress Stair 8 & 9
- Complete installation of doors and Hard-ware's
- Complete interior finishes on Concourse Lev-els within Station Box
- Complete interior finishes on Mezzanine
- Complete installation of sculpture at Surface level
- Complete installation of Elevators 3 and 4
- Complete installation of Escalators 3 and 4
- Complete Installation of Ceiling metal pan-els at Headhouse roof.
- Complete Align and bolt down Traction Power gear and Install bus duct at TP room.
- Complete installing Platform Kiosks
- Complete installing Kiosk at Concourse
- Complete Station Agent Booth
- Complete Surface Plaza Area
- Complete Systems Start up and Acceptance Testing (Air Balancing and heat recovery coil balance Test)
- Complete AT&T – Pull in wires to all building levels. Set trim and terminate devices

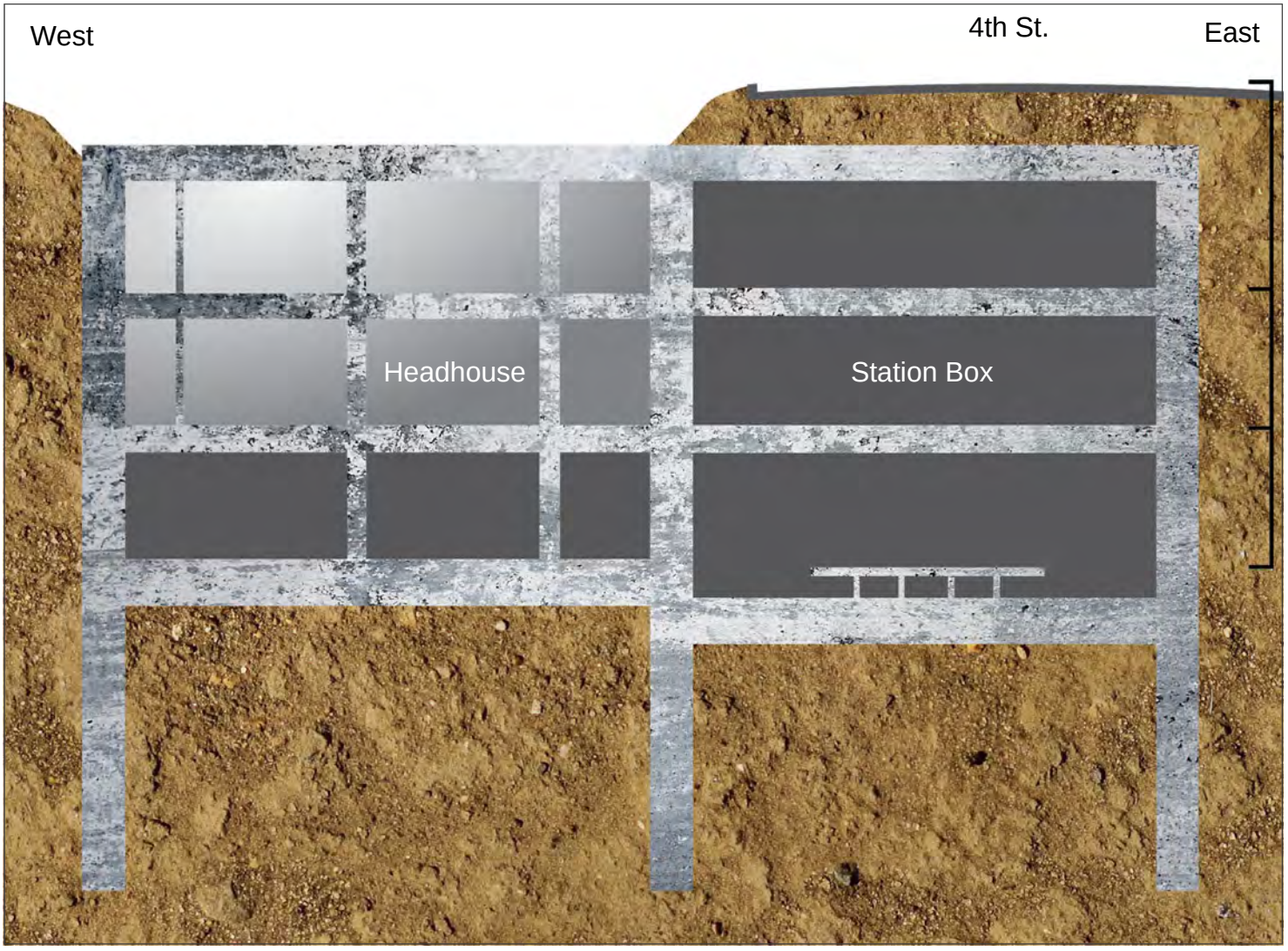


Workers installing the side paneling on the escala-tors.

Station Excavation and Construction Progress Section

North South



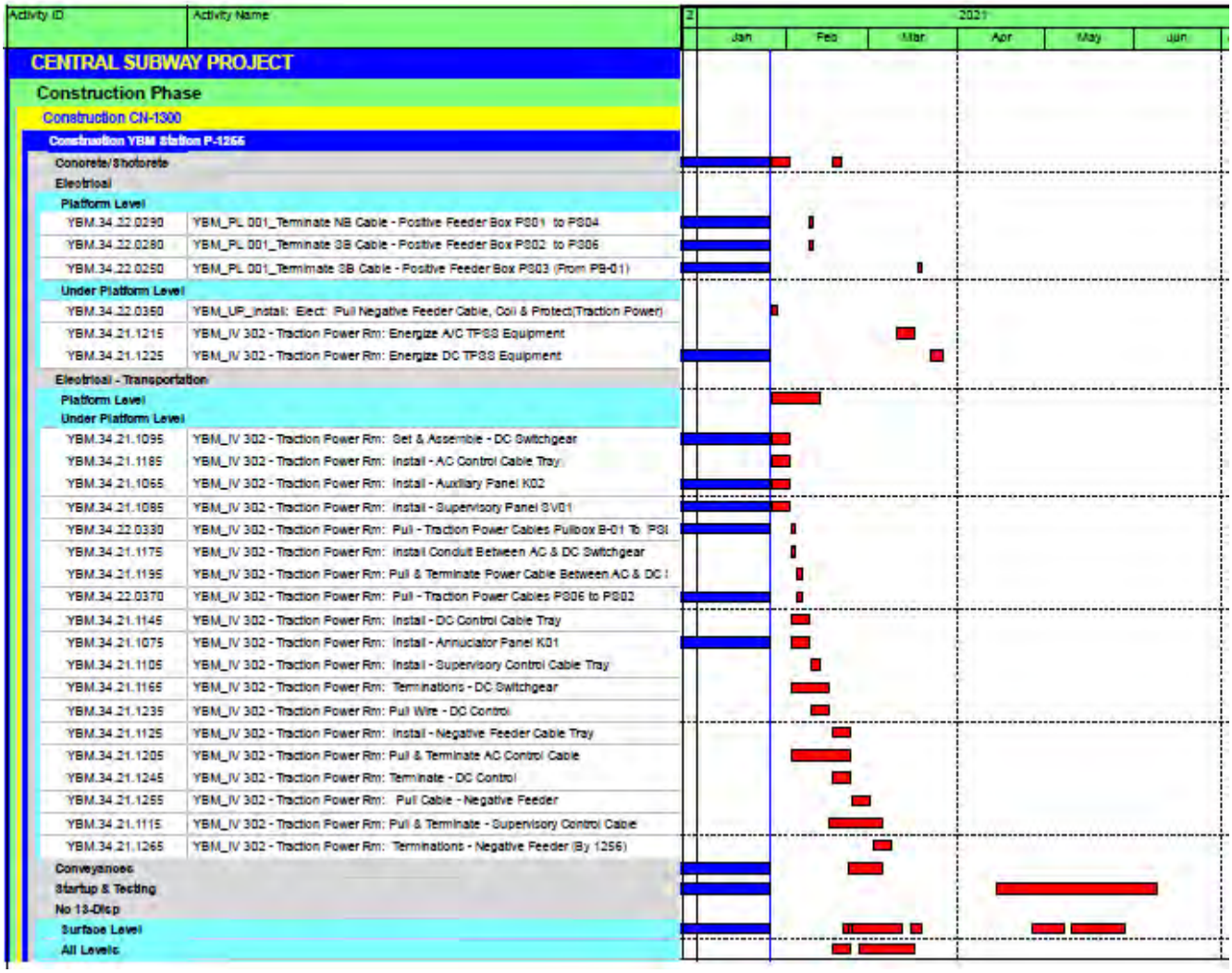


Yerba Buena Moscone Station Construction - Continued

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

Budget/Expenditures ▲	
Current Budget	$173,089,000
Other Project Offset Credits	$415,331
Expenditures to Date	$160,179,698

YBM Three Month Schedule



Schedule: Contract 1300 January 2021 Update

Systems, Trackwork, & Surface Station

Contract 1300 - Work Package 1256

Description of Work

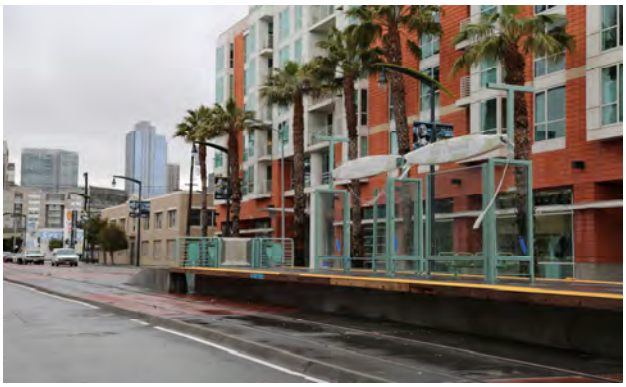
This Work Package is to construct one Surface Station. Includes light rail track and systems, track invert, track safety walkways; light rail track and systems constructed on the 2,000 foot surface for the alignment from the tunnel portal, south to the tie-in to the existing Muni T-Line at Fourth and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

Current Status

- Continued 4th/Brannan platform construction
- Continued traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical power
- Continued traction power cable installation, terminations, and installation of cross bonds throughout the tunnel.
- Continued OCS hanger installation and installation of OCS risers throughout the tunnel
- Continued installation of ATCS and radio system
- Continued fiber system installation and terminations in comm rooms (SFDT)
- Started FDC installation near 4th St. portal
- Completed track switch machine installation at CTS DXO cavern

Work Expected Next Month

- Continue 4th/Brannan platform construction
- Continue surface signaling work on 4th St.
- Continue traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical
- Continue traction power cable testing, installation and terminations
- Continue tunnel lighting, mini power, OCS hanger, ATCS, and radio system installation
- Continue fiber system installation and terminations in comm rooms (SFDT)
- Continue FDC installation near 4th St. portal



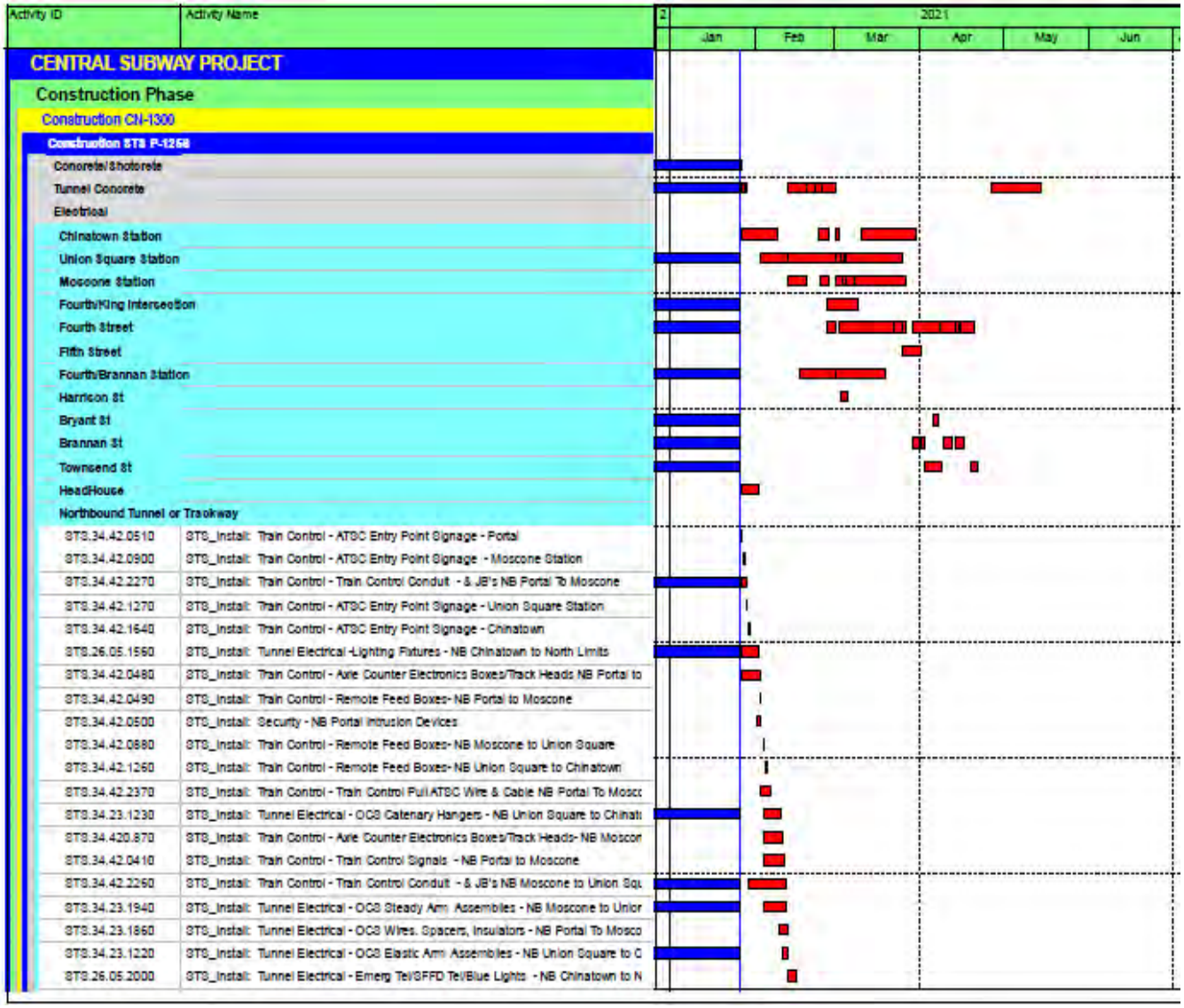
Three Month Look Ahead

- Complete OCS/street light pole installation
- Continue OCS support/wire installation in tunnel and on 4th Street
- Continue 4th/Brannan platform construction
- Continue surface signaling work on 4th St.
- Continue traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical
- Continue traffic signal work on 4th St.
- Continue street lighting work on 4th St.
- Continue FDC installation near 4th St. portal
- Continue electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting and tunnel electrical
- Continue tunnel lighting, mini power, OCS hanger, ATCS, and radio system installation
- Continue pulling traction power feeder cables on surface
- Continue train case fabrication and testing for 4th/King and Bluxome Crossover
- Complete surface signaling to existing system at 4th/King

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	Spring 2021
Contract Award Value:	$139,989,000
Modifications to Date ($):	$79,008,285
Modifications to Date (Days):	1,052
Current Contract Value:	$218,997,285

Budget/Expenditures	
Current Budget	$204,042,502
Other Project Offset Credits	$2,632,766
Expenditures to Date	$225,389,761

Systems, Track and Surface Station Three Month Schedule



Schedule: Contract 1300 January 2021 Update

Program Components

Community Outreach

Outreach public information, events and presentations for December 2020 include:

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

Outreach in Support of Mitigation and Monitoring

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

Media coverage

Central Subway Media Coverage			
Date	Title (with link to story)	Source	Reporter/
12/15/2020	**San Francisco Tunnel Projects Earn International Honors**	Construction Equipment Guide.com	Staff writer
12/16/2020	**Central Subway estimated to be 15 percent over $1.6 billion budget**	SF Examiner	Carly Graf
12/18/2020	**Final bill for Central Subway could blow budget by $130 million**	SF Bay	Jerold Chinn

Quality Assurance

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

Stations and Systems Contract CN1300 Quality Assurance Monitoring Activities

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

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

Document comment and review:

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

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

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

- 574 CNCRS are currently posted to the CNCR Log
- 58 CNCRs are currently posted to the CNCR Log as OPEN

Notice of Non-compliance (NCN):

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

- Project QA has issued 35 NCNs

Audits:

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

QA Issues:

- The Contractor is required to provide a Quality Control (QC) Daily Inspection Report. No reports were provided during this period.
- The Contactor 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 Contactor 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 Contractors QC or responsible production supervision. This presents potential risk.

QA Concerns:

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

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

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

Risk Management

A Risk Mitigation Management Meeting did not take place in January, however, the members will reconvene in February 2021 to review the top risk items in accordance with the risk summary sheet, which have been given a rating by the Committee of six and above. The Committee continues to discuss impacts of COVID to construction efficiency and impact to the schedule.
COVID related impacts to the project are continually being monitored and updated by the risk owner under risk #265. Currently, thirty-five (35) 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) based on the analysis of the current risk, schedule, and cost. The program will discuss with FTA at the next Quarterly meeting (March) with revised FFGA and schedule. The program has validated the program risks and issued risk analysis as part of the request to extend the FFGA Revenue Service Date (RSD) .

Top Risks

Risk #	Risk Description	Risk Rating	Contract Location/ Phase
265	COVID-19 directly impacts progress of the work resulting in increase costs and schedule delays.	14	STA
255	Water leaks at YBM station, including water in conduits	10	YBM
251	Physical activities missing (not defined) in the schedule / identify activities of undefined scope	8	STA
257	Systems Test Integration between components does not work; fails	8	RS
205	Prolong period of CMod's creates additional cost/causes bad blood between Resident Engineer and Contractor	8	STA
253	Do not have adequate (subcontractor) resources defined to perform the work to meet schedule performance	6	STA
238	Quality Program is ineffective in processing the nonconformance items causing schedule impacts	6	STA
229	CN1300 System Acceptance Testing takes a prolonged amount of time	6	STA
230	SFMTA Commissioning Coordination (inaccurate time for coordination or participation from Muni Ops)	6	STA
261	Internal Staffing Resource Issue	6	GEN

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. While the City continues to observe restrictions from the City's Health Office, some of these restrictions have been adjusted as the conditions get worse. The City has reissued "Shelter-In-Place" order in response to the increasing cases of infection.

The Contractors have implemented a revised site Safety and security plans to incorporate various requirements of the order. Construction of the Central Subway project continues to progress and Construction Management team continues to monitor progress and to monitor the Contractor and Subcontractors compliance with the site safety plan. Two additional cases were reported in January and all quarantined personnel have followed the appropriate procedures to return to work. Of the two cases, one was with the SFMTA staff and the other was with subcontractor (Fisk). The SFMTA staff is a field inspector and the subcontractor staff is an electrician. The current cumulative number of staff that have undergone quarantine for the project is twenty-five. Safety and CM team continues to monitor these cases to ensure compliance with the Safety and Security protocols. CM team has added additional resources to monitor these cases along with others that are already identified with the project. The schedule team continues to monitor impacts to the production rate with these reported cases. The project has determined that these restrictions have impacts to the project efficiency and schedule.

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 January, there were no safety injuries.

Table 1300 Stations Construction Safety Record

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

Next Month Look Ahead

1300 Contract

1. At CTS, we continue to installations related to electrical, communication, and fire proofing.

2. At UMS, we continue to work on Station Agent Booth, installing cables for artwork and OCS installation.

3. At the YBM station, we continue to install doors, hardware, ceiling metal panels and kiosks.

4. At the STS station, we continue traction power, fiber and other electrical conduit installation inside the tunnel.

Program Safety & Security - continued

Project Safety Record - Contract 1300

Through Month End January 2021

SAFETY GOALS

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

JOB TO DATE	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	38	8	**46**	1.06
Job Transfer or Restricted Duty Cases	0	0	**0**	0.00
Lost Time Cases	10	1	**11**	0.25
Total Project Incidents	48	9	**57**	1.32
Man Hours Worked Through M/E January 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	0	0	**0**	0.00
Job Transfer or Restricted Duty Cases	0	0	**0**	0.00
Lost Time Cases	0	0	**0**	0.00
Total Project Incidents	0	0	**0**	0.00
Man Hours Worked Through M/E January 2021	9,825	17,265	**27,090**	

* Rate is calculated based on number of incidents divided by total number of man hours worked multiplied by 200,000 man hours.

OSHA Recordable Accidents - 2008 Construction Industry Rate for Highway, Street, and Bridge Construction = 3.9

*Classifications change at a later date due to additional information becoming available, thereby, changing the numbers on the chart. For example, what was once classified as an accident can become a first aid which leads it to no longer being recordable.

Technical Capacity

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

Workers installing the tile panels at China town station

Staffing

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

	Nov-2020		Dec-2020		Jan-2021	
	Planned	Actual	Planned	Actual	Planned	Actual
Project Management						
Program Management	6.60	4.75	6.60	4.75	6.60	4.75
Quality Assurance	1.80	1.00	1.80	1.00	1.80	1.00
Contract Administration	1.40	7.00	1.40	7.00	1.40	7.00
Community Outreach	5.50	2.00	5.50	2.00	5.50	2.00
Finance	2.00	0.00	2.00	0.00	2.00	0.00
Project Controls	4.80	4.65	4.80	4.65	4.80	4.65
Subtotal	22.10	19.40	22.10	19.40	22.10	19.40
Construction Management						
CM - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
CM - CN 1300	21.55	41.10	21.55	41.10	21.55	41.10
Design Support - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
Design Support - CN 1300	9.00	13.00	9.00	13.00	9.00	13.00
Subtotal	30.55	54.10	30.55	54.10	30.55	54.10
Start Up						
Start Up / Safety & Security	5.95	4.00	5.95	4.00	5.95	4.00
Subtotal	5.95	4.00	5.95	4.00	5.95	4.00
Total	**58.60**	**77.50**	**58.60**	**77.50**	**58.60**	**77.50**

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

Third-Party Agreements

No activity in this reporting month.

LRV Procurement

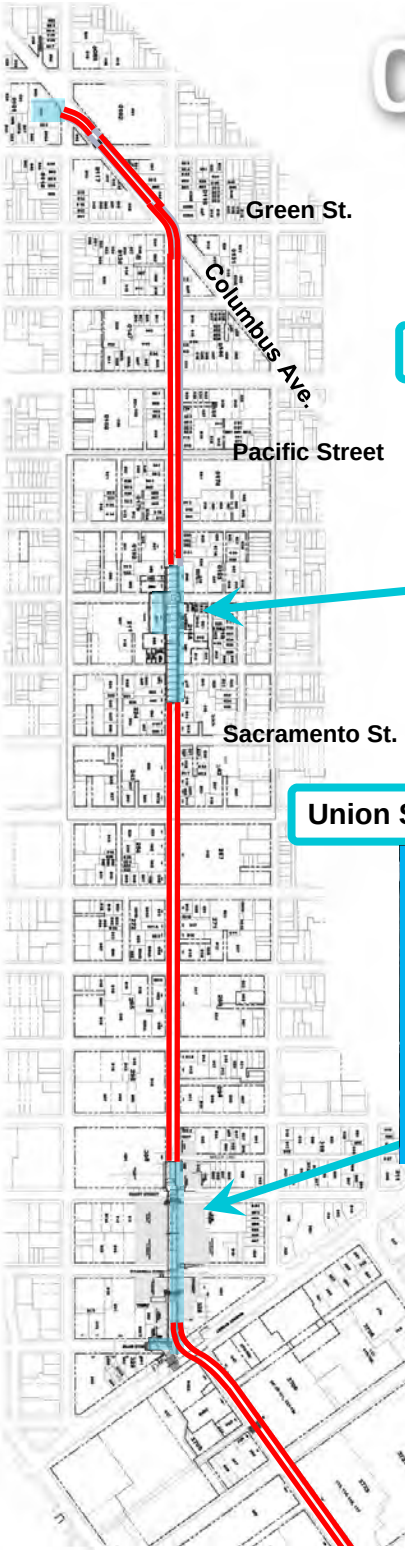
SFMTA has initiated a new light rail vehicle procurement to acquire up to 260 vehicles over the next 15 years. The scope includes the design, manufacture, delivery and testing of up to 260 light rail vehicles together with associated services, spare parts, special tools, training and documentation. This includes an initial delivery of 24 cars, scheduled for delivery from 2017 - 2018 to supplement the fleet when the SFMTA's Third Street Phase 2 - Central Subway Project extension opens.

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

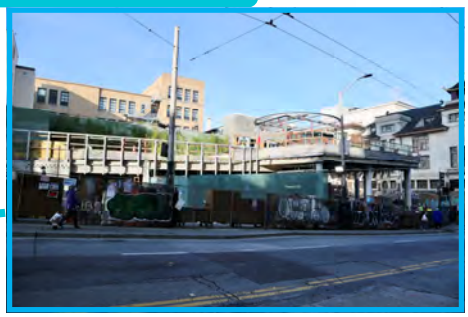
Workers reading plans to ensure that everything is in place before the concrete pour

central T subway

Current Construction Activity



Chinatown (CTS)

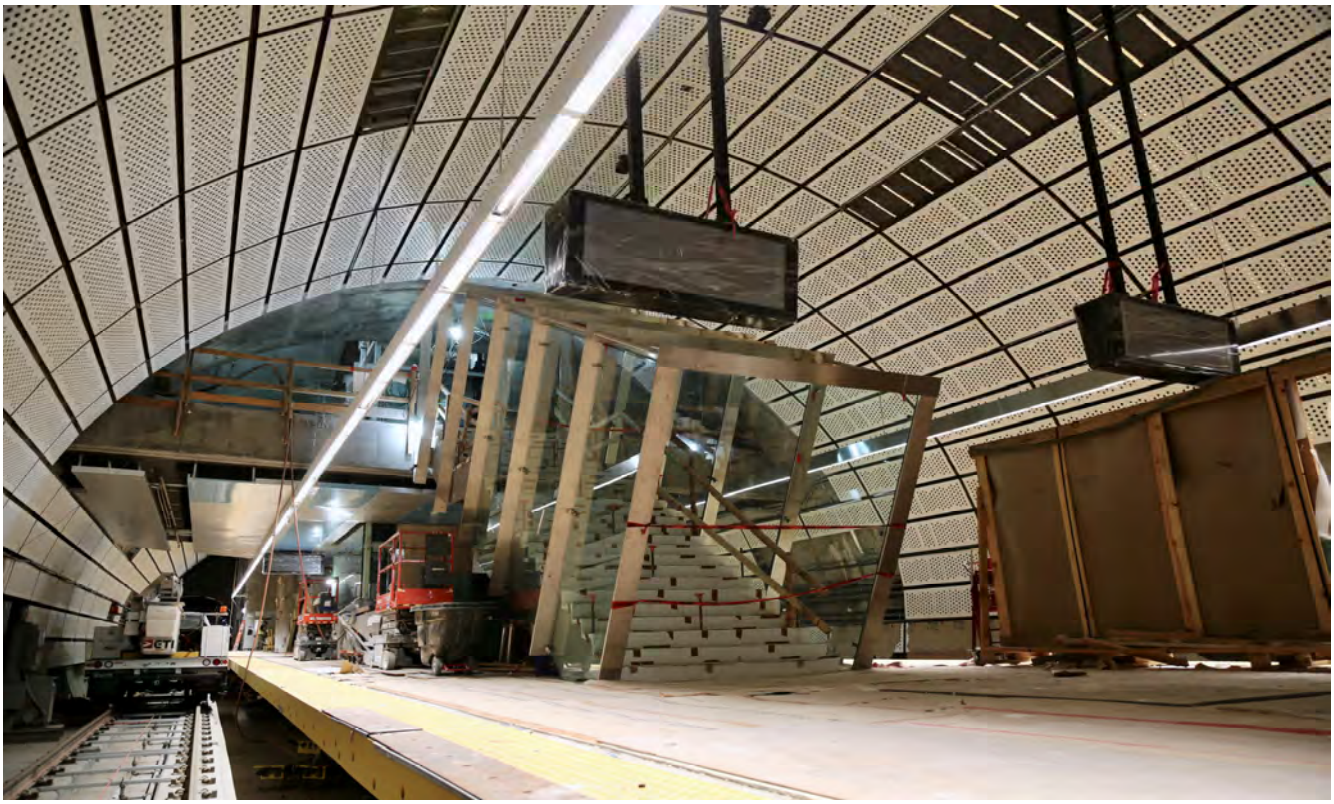


Union Square/Market Street (UMS)

Yerba Buena/Moscone (YBM)

4th St. Surface Track, Systems (STS)

View of the plaza at China town station on a rainy day

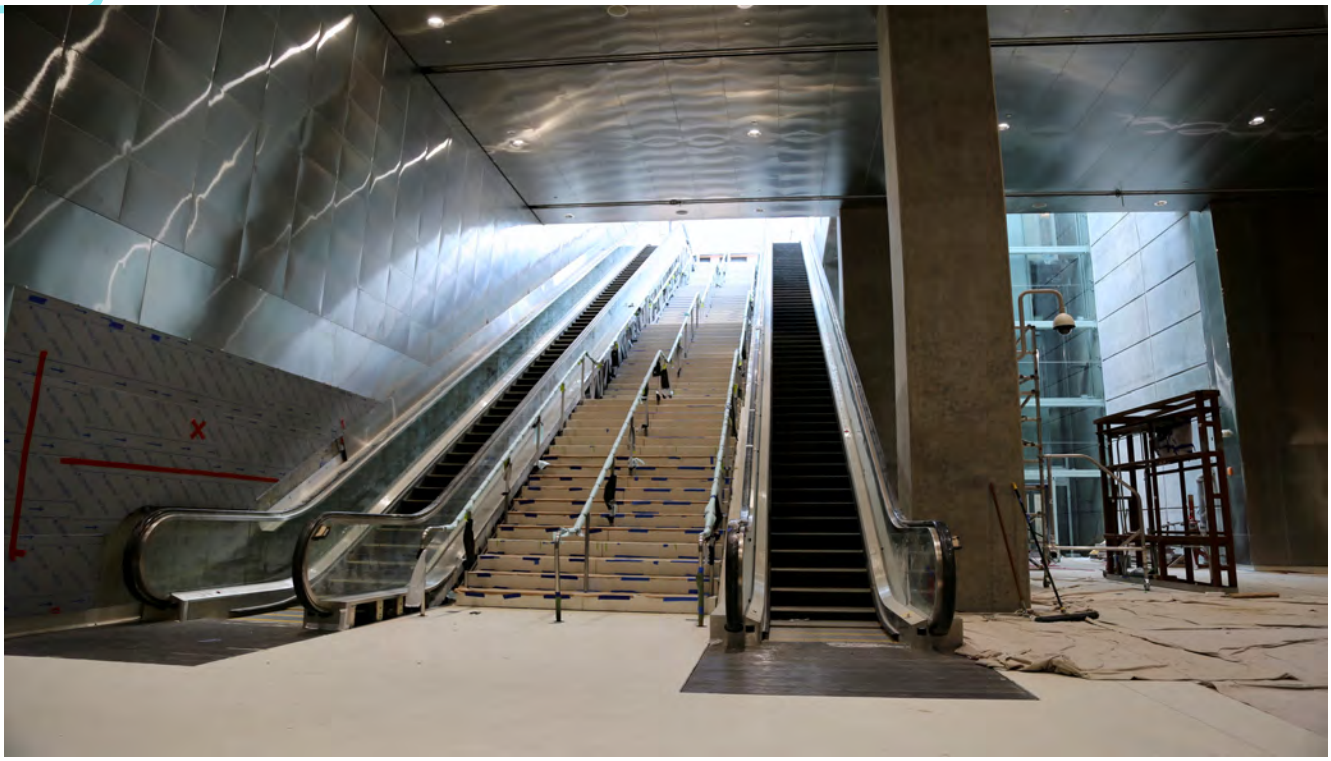


View of the platform with the staircase cage with its glass paneling in place

UMS

Part of the railing to guide people through the station

Entrance to the platform level at UMS



View of the staircase down to the ticketing hall of YBM

View of the surface station at YBM

Inside the portal, looking at the conduit on the wall

View of 4th and Brannan station

central T subway

Connecting people. Connecting communities.

Appendix A

DETAIL COST REPORTS

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

1. PROJECT COST

The revised Cost Estimate (CCE) for the Central Subway Project is $1.691 billion in year of expenditure dollars ($YOE). The project is working with our funding partners to address the current funding shortfall. Currently, the project estimates the Estimate at Completion (EAC) to be $1.793B or $215M above the original budget of $1.578B. These revised estimates have been shared with our board. Based on the additional funding requirement, the project has received additional $113M from capital contingency funds. The project will continue to work with Finance and Grants to secure these additional funds which will come from redirecting flexible funds from other funded capital projects that are delayed and have alternate cash flow. EAC has been adjusted as additional cost related to claim settlements, contract modifications and delayed cost due to the current pandemic are identified. As the EAC is revised and the funds are identified, the team will update the various cost sheets to reflect the revised budget and EAC along with any impacted appendix. The team anticipates that this will take several reporting cycles to adjust as the update are delayed by one month based on the report. The team continues to work with SFMTA Finance and Grants to book funds as they are identified and become available to the program.

Total net incurred costs for the project are $1,696.57 million, a $12.21 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report ($1,638.29 million) plus the utilities joint trench Form B Reimbursement payment ($12.51 million), invoices currently being processed ($69.41 million) and estimates of outstanding pay requests credits of ($23.61 million). The revised total project budget is $1.691 billion due to additional local funds received.

The current funding level to date has already been fully met which includes excess local funds consisting of Operating funds of $26,000,000 appropriated in January 2021 . The original total project budget of $1.578 billion has already completed its original funding of the program in July 2020. The project team will continue to work with our financial partners to ensure that impacts to the project are minimized and the additional funds are secured.

CONTRACT	PP NO	PP PERIOD 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	129	11/30/2020	$ 276,387.95
CS155.2	130	12/31/2020	$ 316,217.08
*CS155.2**	131	1/31/2021	$ 316,217.08
CS155.3	126	9/30/2020	$ 209,388.10
CS155.3	127	10/31/2020	$ 194,787.26
CS155.3	128	11/30/2020	$ 173,924.53
CS155.3	129	12/31/2020	$ 150,271.63
CS155.3	130	1/31/2021	$ 106,719.34

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CN1300	86	11/30/2020	$ 36,346,504.53
CN1300	87	12/31/2020	$ 19,833,627.45
CN1300	88	1/31/2021	$ 6,491,349.08
CS149	139	6/30/2020	$ 1,466,252.17
CS149	140	7/31/2020	$ 1,118,012.33
CS149	141	8/31/2020	$ 1,244,148.56
CS149	142	9/30/2020	$ 1,480,575.98
*CS149**	143	10/31/2020	$ 1,480,575.98
*CS149**	144	11/30/2020	$ 1,480,575.98
*CS149**	145	12/31/2020	$ 1,480,575.98
*CS149**	146	1/31/2021	$ 1,480,575.98
*other accruals**		1/31/2021	$ (30,022,301.38)

** Estimated Amount* **$ 45,798,994.61**

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

An overall amount of $31,000,000 was used to re-align the SCC categories; $26,200,000 from unprogrammed contingency; $4,800,000 from vehicles budget: $30,350,853 to increase SCC 20 and $649,147 to increase SCC 40 category. SCC 70 category was reduced by $4,800,000 and SCC 90 category was reduced by $200,000. Refer to Report 7.7 Column C for budget transfers.

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

Preliminary Janaury Earned Value

Overall Budgeted Cost:	$1,690,687,192
Planned Value:	$1,593,491,019
Earned Value:	$1,485,458,067
Actual Cost:	$1,696,568,033
Schedule Performance Index (SPI):	0.93
Cost Performance Index (CPI):	0.88
Percent Complete:	93.2%

SFMTA, EV Chart

JANUARY 31, 2021 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		**03-Jun-03 A**	**06-Mar-24**	**93.22%**	**$1,690,687,193.15**	**$1,533,491,018.89**	**$1,485,459,066.90**	**$1,696,568,033.00**	**0.88**	**0.93**
	Preliminary Engineering Phase	03-Jun-03 A	07-Jan-10 A	100%	$46,542,061.34	$46,542,061.02	$46,542,061.02	$46,542,060.53	1.00	1.00
	Final Design	08-Jan-10 A	17-Jun-13 A	100%	$115,075,987.10	$115,075,987.06	$115,075,987.06	$114,034,067.22	1.01	1.00
	Light Rail Vehicles	15-Apr-13 A	22-Jul-21	8.25%	$12,000,000.00	$26,385,653.00	$2,177,131.58	$11,929,246.72	0.18	0.08
	Real Estate	01-Aug-08 A	15-May-15 A	100%	$32,140,417.71	$37,405,895.00	$37,405,895.00	$30,543,064.53	1.22	1.00
	Construction Phase	03-Jan-10 A	06-Aug-23	94.53%	$1,484,126,858.00	$1,358,561,966.32	$1,284,256,992.24	$1,493,519,594.00	0.86	0.95
	Construction Support and Costs	03-Jan-10 A	06-Aug-23	99.71%	$234,784,015.00	$199,862,849.06	$199,269,569.82	$227,287,232.19	0.88	1.00
	Construction Utility Contract #1- MOS & Portal CN-1250	04-Jan-10 A	23-May-11 A	100%	$11,968,150.00	$11,968,150.00	$11,968,150.00	$11,968,150.00	1.00	1.00
	Construction Utility Contract #2 - UMS CN-1251	12-Jan-11 A	15-Oct-12 A	100%	$20,669,081.47	$20,794,582.00	$20,794,582.00	$20,669,081.47	1.01	1.00
	Construction Tunnels CN-1252	08-Jun-11 A	26-Jan-21	93.05%	$233,511,253.03	$251,069,047.23	$233,608,974.28	$233,511,253.34	1.00	0.93
	Construction STS R-1258 ATCS	20-May-14 A	19-Jul-21	53.87%	$18,036,709.00	$18,036,709.00	$9,715,504.32	$10,714,207.00	0.91	0.54
	Construction STS R-XXXX Radio	27-Aug-19 A	17-May-21	0.8%	$4,809,652.50	$4,841,950.49	$38,735.60	$32,098.00	1.21	0.01
	Construction CN-1300	03-Jun-13 A	17-Dec-21	94.94%	$960,347,797.00	$851,988,678.54	$808,841,476.21	$969,337,572.00	0.82	0.95
	Unallocated Contingency	26-Jan-21	30-Mar-22	0%	$801,869.00	$9,519,456.49	$0.00	$0.00	0.00	0.00
	Project Management	31-Mar-22	06-Mar-24	0%	$0.00	$0.00	$0.00	$0.00	0.00	0.00

Earned Value Analysis and Definitions

SPI is a measure of schedule efficiency on a project. It is the ratio of earned value (EV) to planned value (PV). A SPI equal to or greater than one indicates more work was completed than planned and a value of less than one indicates less work was completed than planned. A value of less than 0.9 is unfavorable.

CPI is a measure of cost efficiency on a project. It is the ratio of earned value (EV) to actual cost value (AC). A CPI equal to or greater than one indicates a cost under run and a value of less than one indicates a cost overrun. A value of less than 0.9 is unfavorable.

The following earning rules are established for each of the phase:

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

6. FUNDING SUMMARY

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

Funding Available Table

	Funding	
	Committed Funding Sources	Total Awarded Funds to Date
Federal		
Sect. 5309-NS	$942,200	$942,200
Sect. 5307-OBAG	$15,980	$15,980
CMAQ	$41,025	$41,025
Federal Subtotal	**$999,205**	**$999,205**
State		
TCRP	$14,000	$14,000
State RIP	$12,498	$12,498
Prop. 1B (I-Bond) PTIMSE	$308,601	$312,236
Prop. 1A (HSR-Bond)	$61,308	$61,308
State Subtotal	**$396,407**	**$400,042**
Local		
LCTOP	$4,000	$4,000
Operating	$4,970	$124,957
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**	**$291,440**
CPT 544 Total	**$1,578,300**	**$1,690,687**

7. LIST OF COST REPORTS

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

A. Central Subway Project

	Project	Name	Amount	PM	Funding Source	Reporting	Cost Report Notes
1	CPT544	Central Subway Project	$1,601,008,106	J. Funghi	62% Fed, 30% State, 8% Local	yes	1
		Total:	**$1,601,008,106**				

B. Related SFMTA Capital Improvement Projects

	Project	Name	Amount	PM	Funding Source	Reporting	
2	CPT690	TBM Retrieval Shaft Relocation	$9,700,000	Funghi/Magary	MTA Operating Funds	no	2
3	CPT718	Chinatown Metro Plaza	$6,980,000	J. Funghi	Transbay Redevelopment	no	3
4	CPT665	Central Subway Project - Goodwill	$2,367,750	K. Magary	I-Bond Interest	no	4
5	CPT705	MOH - Broadway/Sansome	$8,000,000	K. Magary	MTA Operating Funds	no	5
		Total:	**$27,047,750**				

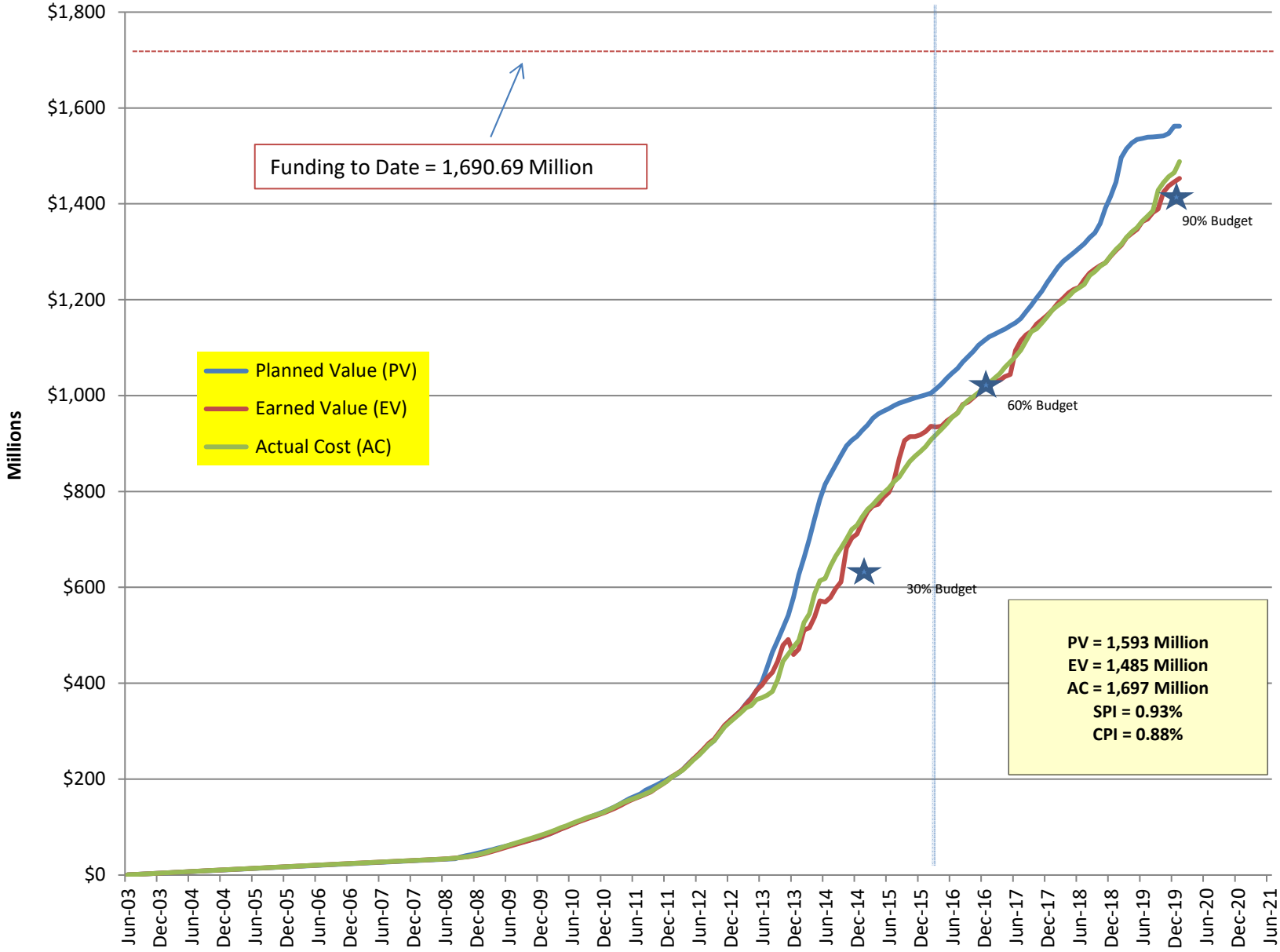
C. Central Subway Project - Project Offset Credits

	From		Amount	Index	Notes	Reporting	
1	2009-2016	Utility Co. - Form B Reimbursement	$12,227,954	- -	Construction contracts	yes	6
2	2017-2019	PG&E - Power Feed Reimbursement	$7,624,540	- -	Not yet bill PG&E	yes	7
3	6/26/2013	BART Elevator	$90,000	68CPT544135B	Not yet rec'd BART Funds	yes	8
4	11/6/2013	Tutor Perini - CAD Files	$2,500	68CPT5441236	Deposit to Design Index	yes	9
5	1/27/2014	SFPUC - Sewer Main	$2,925,296	68W251	Certified in Contract 1300	yes	10
6	8/27/2014	SFMTA Traffic Effectiveness Project funded	$694,651	68W324/686D42	Contract 1252 CMod #40	yes	11
7	9/27/2014	SFPUC - 24" Water Main	$328,860	68CPT544135A	Contract 1252 CMod #41	yes	12
8	2/15/2015	Chinatown Plaza Construction Estimate	$75,000	68CPT7181341	Contract 1300 CMod #6	yes	13
9	3/27/2015	SFPUC - 24" Water Main Additional Work	$112,102	68W409	Contract 1252 CMod #48	yes	14
10	3/15/2016	Support for North Beach Restoration, OCS and Streetlighting	$155,468	68T7373342D2/D3	Contract 1252 CMod #51	yes	15
11	6/27/2016	DPW - MOU for Water Line above YBM Station	$438,218	68W592	Contract 1300 CMod #20	yes	16
12	12/9/2016	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	17
13	1/15/2020	CS-Chinatown Metro Plaza - CN1300	$8,160,202	68CPT7181341	Contract 1300 CMOD #123 partial	yes	17a
		Total:	**$32,855,811**				

central T subway

Earned Value Cash Flow Curve

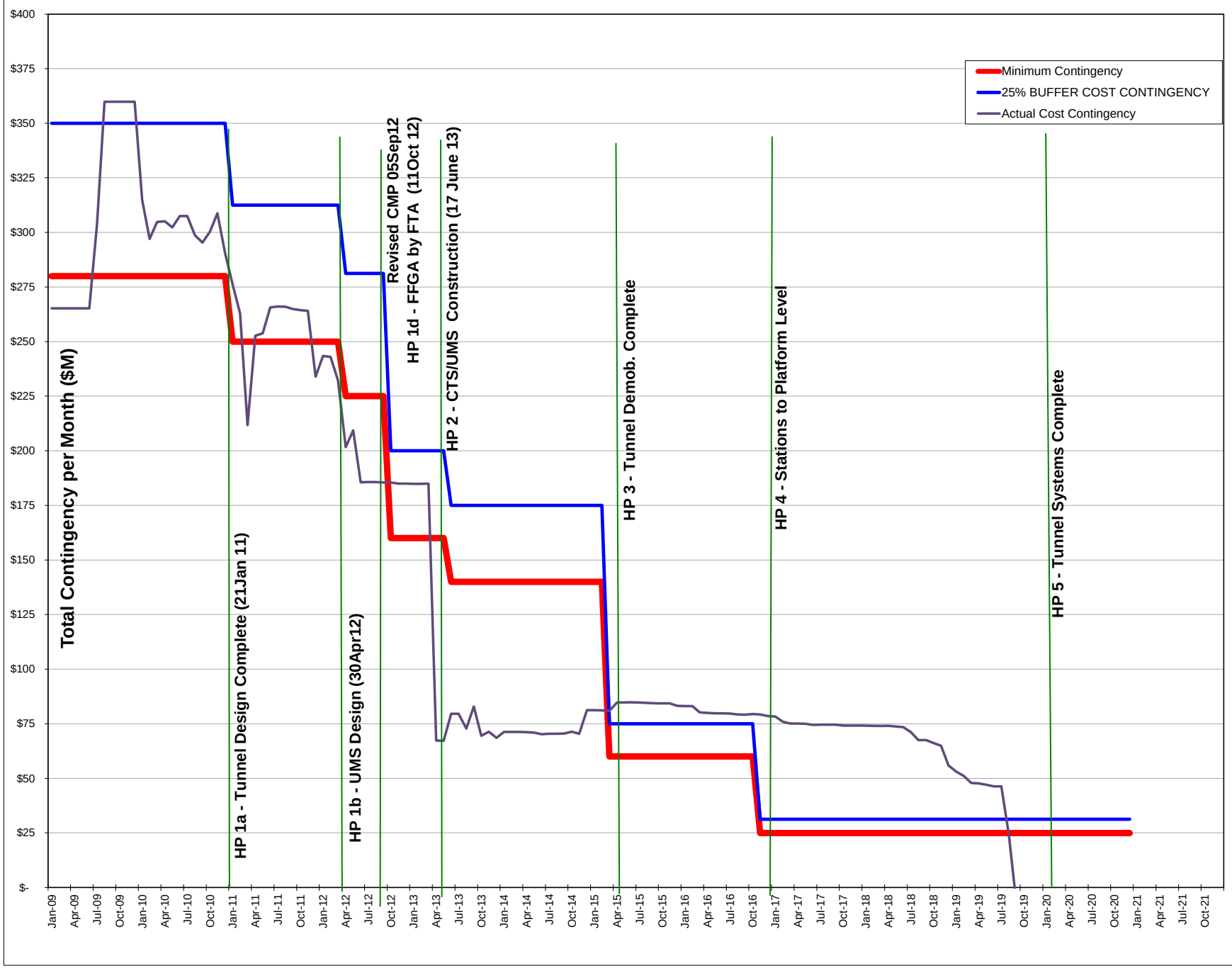
Report Period: January 2021
7.2 EARNED VALUE CASH FLOW



central subway

Cost Contingency Drawdown

Report Period: January 2021
7.3 CONTINGENCY DRAWDOWN CURVE



		CONTRACT COST					CONTINGENCY					BUDGET	VARIANCE	
	COST ELEMENT	ORIGINAL CONTRACT VALUE / September 2013 SUPPLEMENTAL BUDGET	APPROVED CHANGES	CURRENT CONTRACT VALUE [a + b]	POTENTIAL CHANGES	ESTIMATE AT COMPLETION (EAC) [c + d]	ORIGINAL CONTINGENCY / Sep 2013 SUPPLE-MENTAL CONTINGENCY (Include CN 1250 & CN1251)	CONTINGENCY ADJUSTMENT TRANSFERS	REVISED AUTHORIZED CONTINGENCY (Include CN1250 & CN1251) [f + g]	REMAINING CONTINGENCY AFTER APPROVED CHANGES DEDUCTED [h - b]	REMAINING CONTINGENCY AFTER POTENTIAL CHANGES DEDUCTED [i - d]	ORIGINAL CONTRACT VALUE + REVISED AUTHORIZED CONTINGENCY [a + h]	BUDGET - ESTIMATE AT COMPLETE [j - e]	Cost Report Notes
		a	b	c	d	e	f	g	h	i	j	j	k	
SCC 10-50	CONSTRUCTION CONTRACT PACKAGES													
1250	UTILITY RELOCATION PACKAGE #1	9,273,939	2,694,211	11,968,150		11,968,150	1,953,377	740,834	2,694,211			11,968,150		18
	Contract 1250 Department of Technology	166,756		166,756		166,756						166,756		
1251	UTILITY RELOCATION PACKAGE #2	16,832,550	3,836,531	20,669,081		20,669,081	5,367,297	(1,530,766)	3,836,531			20,669,081		19
	Contract 1251 Department of Technology	75,615		75,615		75,615						75,615		
1252	GUIDEWAY TUNNEL	233,584,015	(72,762)	233,511,253	-	233,511,253	23,658,464	(23,731,226)	(72,763)			233,511,253	(1)	20
1300	STATIONS	839,676,400	167,224,504	1,006,900,904	55,529,679	1,062,430,582	20,000,000	118,708,105	138,708,105	(28,516,399)	(84,046,077)	978,384,505	(84,046,077)	21
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	20,744,337	314,774,927	2,432,816	317,207,742	5,000,000	15,000,000	20,000,000	(744,337)	(3,177,152)	314,030,590	(3,177,152)	
	1254 CHINA TOWN STATION [CTS]	247,567,810	62,581,923	310,149,733	1,745,545	311,895,278	5,000,000	16,617,894	21,617,894	(40,964,029)	(42,709,574)	269,185,704	(42,709,574)	*22*
	1255 YERBA BUENA/ MOSCONE STATION [YBM]	158,089,000	4,889,959	162,978,959	864,029	163,842,988	5,000,000	10,000,000	15,000,000	10,110,041	9,246,013	173,089,000	9,246,013	
	1256 SURFACE TRACKWORK & SYSTEMS [STS]	139,989,000	79,008,285	218,997,285	50,487,290	269,484,575	5,000,000	*77,090,211*	82,090,211	3,081,926	(47,405,364)	222,079,211	(47,405,364)	
OTHER		39,923,508	23,775,304	63,698,812		63,698,812	2,056,645	1,060,000	7,958,595	(15,816,709)	(15,816,709)	47,882,103	(15,816,709)	*23*
	SCC 10 - 50 Construction Sub-total	1,139,532,783	197,457,788	1,336,990,571	55,529,679	1,392,520,249	53,035,782	95,246,947	153,124,679	(44,333,108)	(99,862,786)	1,292,657,462	(99,862,787)	*24*
SCC 60-80	SOFT COSTS PACKAGES													
60	ROW, LAND, EXISTING IMPROVEMENTS	36,511,799	(4,265,478)	32,246,321		32,246,321	1,000,000	(1,000,000)	0	0	0	32,246,321	0	25
70	VEHICLES	24,108,712	(7,308,712)	16,800,000		16,800,000	2,276,941	(7,076,941)	(4,800,000)	(4,800,000)	(4,800,000)	12,000,000	(4,800,000)	26
80	PROFESSIONAL SERVICES	310,518,041	41,105,077	351,623,118		351,623,118	18,221,079	(16,862,657)	1,358,422	1,358,422	1,358,422	352,981,540	1,358,422	26a
	SCC 60 - 80 Construction Sub-total	371,138,552	29,530,887	400,669,439	0	400,669,439	21,498,020	(24,939,598)	(3,441,578)	(3,441,578)	(3,441,578)	397,227,861	(3,441,578)	
SCC 90	UNALLOCATED CONTINGENCY						3,845,945	(90,134,287)	(86,288,342)	801,869	801,869	801,869	801,869	27
TOTAL		1,510,671,335	226,988,675	1,737,660,010	55,529,679	1,793,189,689	78,379,747	(19,826,938)	63,394,759	-	-	1,690,687,192	(102,502,497)	

Total Project Budget	**1,690,687,192**	28
Estimate At Completion	**1,793,189,689**	29
Variance	**102,502,497**	30

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

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
Potential Changes	**2,432,816**	**1,745,545**	**864,029**	**50,487,290**	31
Change Order - Pending					
CTS COR 1568 Elev 1&2 Oil Rout		0			
CTS COR 2251 2" PVC Casings Con		0			
Job Readiness - CTS		(195,000)			
Job Readiness - STS				(70,000)	
Job Readiness - UMS	(195,000)				
Job Readiness - YBM			(70,000)		
STS COR 2266 Escalator Ultra violet				0	
STS COR 2289 Improper Rej DMI O&M T				0	
YBM COR 2065 Added Cladding to Esca			0		
YBM COR 2229 Concrete Wall and Elev			0		
Change Order Request (COR)					
COR 2458 Confirm Separate Spec 26 2				0	
CTS COR 1042 SFWD Delay		886			
CTS COR 1704 GEN Failure of Timely		0			
CTS COR 1710 3 Added Labeling for D		0			
CTS COR 1760 Flat Jack System		0			
CTS COR 1781 Flooring Sealer		0			
CTS COR 1932 Plmbing Pipes at Stair		0			
CTS COR 1966 Add'l Revision to Elev		1,978			
CTS COR 2009 Fire Prtctn Pipe Routi		0			
CTS COR 2047 Air Transfer Balance		0			
CTS COR 2058 Cntrct Dsgn Cmpln T24		0			
CTS COR 2165 Rebar at Stair 7 Slab		3,710			
CTS COR 2166 Layer of Rebar to CC A		7,562			
CTS COR 2177 GFRC-1 Support Frame C		0			
CTS COR 2206 Plaza Lvl Switchboards		0			
CTS COR 2268 Blockouts @ Roof Lvl		0			
CTS COR 2270 Stair 6 Landing&Lights		0			
CTS COR 2285 Water Leaks in Headhou		0			
CTS COR 2298 Revised Framing Plaza		0			
CTS COR 2300 Extruded Alum Shelf		0			
CTS COR 2300 Missing Design Det. fo		0			
CTS COR 2307 DLV of Artwork		0			
CTS COR 2312 Gaps at Doors SU01A &		0			
CTS COR 2326 Plaza Level Stair Rail		0			
CTS COR 2327 Ceiling Layout Confl		0			
CTS COR 2330 Move Concrete Wall		6,354			
CTS COR 2331 25 Increase Slab		0			
CTS COR 2347 Plaza Stair Curb Reinf		0			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS COR 2349 Parapet GFRC Supp		0			
CTS COR 2350 Landscape Des. Issues		17,943			
CTS COR 2354 GFRC-1 Panel Det		31,609			
CTS COR 2357 Change GFRC Trim Size		29,079			
CTS COR 2363 Reloc. Switch Bank		95,303			
CTS COR 2385 Elev Rough Opening		12,272			
CTS COR 2395 Voltage Motor O&M		0			
CTS COR 2398 GFRC Soffit		30,055			
CTS COR 2406 Network Lighting Ctrl		0			
CTS COR 2414 Changes to Ceil Grid		0			
CTS COR 2416 Rev Floor Mounting		0			
CTS COR 2421 Sta Agt. Ceiling Deck		54,547			
CTS COR 2422 Rail Code Deficiency		0			
CTS COR 2423 DBI Relocating Signs		12,364			
CTS COR 2430 Vent Riser vs GFRC		48,747			
CTS COR 2431 Sidewalk Restor. WA		19,031			
CTS COR 2433 H Beam Angle Rev		27,380			
CTS COR 2437 Road Restor. @ WA St		51,703			
CTS COR 2438 Roof Edge Detail		0			
CTS COR 2442 F6 Light Feat.		0			
CTS COR 2447 EXP Joint Cover		31,577			
CTS COR 2449 Circuit Breaker Change		24,011			
CTS COR 2453 Rail Mod Due to Damper		19,652			
CTS COR 2455 Ceil Mount CCTV UM06		26,169			
CTS COR 2477 Stair Glass & Framing		66,808			
CTS COR 2479 Issue SFFD Permit		0			
CTS COR 2484 Reloc.&Instl Sprinkler		5,111			
CTS COR 2488 Delay S/W Demo		13,960			
CTS COR 2489 Gd in Concessions SU08		0			
CTS COR 2490 Coiling Grille Power		43,942			
GEN COR 1686 T&M Delay Impacts	2,483,670				
STS COR 1676 Pavement Renovation De				338	
STS COR 2002 All Stations Keying Sc				1,318	
STS COR 2344 Landavazo Brothers Pro				1,055,935	
STS COR 2362 Doors Project Delay Im				95,186	
STS COR 2364 Radio Route to CTS Com				5,366	
STS COR 2377 Provide Mounting Detai				0	
STS COR 2378 Radio Antenna Mounting				0	
STS COR 2379 Change to Radio Cable				0	
STS COR 2380 Radio Cable Mounting D				15,464	
STS COR 2382 Radiating Co-axial Cab				0	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
STS COR 2383 Signal Power Wiring De				3,916	
STS COR 2384 Fisk Revised Substanti				0	
STS COR 2386 Re-Route Cable at UMS				7,681	
STS COR 2387 Radiax Cable routing a				7,082	
STS COR 2388 Splice Radio Cable at				7,076	
STS COR 2389 Mounting Details for J				9,609	
STS COR 2390 Termination Details fo				3,218	
STS COR 2391 ATCS Fiber Patching Pl				0	
STS COR 2392 Emergency Ventilation				0	
STS COR 2396 Facility SCADA O & M M				0	
STS COR 2397 PDS System O & M Manua				0	
STS COR 2404 EV and FCP Training Pl				0	
STS COR 2407 Platform Display syste				0	
STS COR 2434 Facilitate Routing of				42,361	
STS COR 2441 SCADA PLC Cabinet Powe				17,473	
STS COR 2444 FSS SCADA Points Updat				0	
STS COR 2452 Revise Radio Mount due				13,066	
STS COR 2457 Confirm Training Progr				0	
STS COR 2459 PAV Headend Acceptance				0	
STS COR 2460 Changes to Run Mainten				0	
STS COR 2470 Relocate Radio Cables				31,461	
STS COR 2478 Installation of New FD				0	
STS COR 428 Sewer Roof Repair Detai				16,440	
STS COR 487 Re inspection of 4th an				49,141	
UMS COR 1509 Conc. Demo @ S Corbels	64,478				
UMS COR 2297 Steel Ch @ Joint	9,503				
UMS COR 2412 Platform Artwork	0				
UMS COR 2468 Delays in BART TRNG	0				
UMS COR 2475 Acc Ctrl @ Door CN34B	6,171				
UMS COR 2492 Blanket Hrs PowellElev	0				
USG COR 275 Conn. Plaza Grid B	0				
YBM COR 2375 Access control for eme			100,144		
YBM COR 2399 Beam and Door Conflict			11,690		
YBM COR 2400 Finish Requirement to			20,285		
YBM COR 2401 Lighting Revisions			80,889		
YBM COR 2410 Overhead Coiling Grill			28,812		
YBM COR 2418 Layout Changes for Dev			27,926		
YBM COR 2420 Design Changes to Stat			54,364		
YBM COR 2425 Surface Level Exterior			9,667		
YBM COR 2428 F17 Light Fixture layo			0		
YBM COR 2451 Revise slab Edge Dimen			17,865		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
YBM COR 2454 Exposed Support Framin			0		
YBM COR 2456 Attachment Details for			33,153		
YBM COR 2464 Design of End Conditio			0		
YBM COR 2465 Remove Wire, Relocate			12,951		
YBM COR 2474 Revisions at Elevators			85,553		
YBM COR 2480 Metal panel cut-outs a			31,264		
YBM COR 2483 Mezzanine Level Sector			0		
Negotiation					
CMOD#137 Time Extension STS				10,600,000	
CTS COR 1810 Aluminum Roll Up Door		0			
CTS COR 1827 PA Mounting Detail		0			
CTS COR 1886 Specs for Alum. Comp.		0			
CTS COR 1898 Concrete Wall Rebar to		0			
CTS COR 1924 Main Power Grating		0			
CTS COR 2050 Grating at PlatformLvl		4,351			
CTS COR 2346 T&M Mfg. Costs		88,049			
CTS PCC 593 Station Benches Change		0			
CTS PCC 931 Roof Level Concrete Pad		8,518			
STS COR 2424 SS Box and GRS Conduit				51,843	
STS Omnibus #2				38,220,000	
STS PCC 504 Traffic Control Require			21,530		
STS PCC 803 Add COVID Monitoring				71,769	
STS PCC 807 Cross Passage Door Fram				25,334	
STS PCC 913 4th Brannan Water Meter				0	
YBM COR 390 Chip Mezzanine Headwall			30,003		
YBM PCC 748 Added FSDs in Sector 3			53,135		
YBM PCC 770 Revised Wall Panels			47,910		
YBM PCC 889 Replace Transformer T-1			77,000		
YBM PCC 905 Remove Duct Detectors			38,935		
YBM PCC 911 Anti-Static Flooring			6,050		
YBM PCC 916 Revisions to IV302			0		
YBM PCC 926 Replace Disconnect			18,778		
Proposed Contract Change (PCC)					
CTS PCC 486Rev 1 Structural Slab Cha		19,054			
CTS PCC 548 Spot Acceleration		1,000,000			
CTS PCC 728Rev 1 Rev to Restroom Plz		5,214			
CTS PCC 924 Access for Pipes at CMU		10,000			
CTS PCC 932 Power to Rails		5,000			
CTS PCC 937 Switchgear Anchor in TP		2,500			
CTS PCC 943 Reactivate 12" AWSS		25,000			
CTS PCC 946 Cavern Grout Equivalent		5,000			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS PCC 956 Add drinage system		5,000			
CTS PCC 960 Cement Board for Terraz		2,500			
CTS PCC628 Police Officer at Powell		75,000			
CTS PCC746 GFRC Framing Support		3,613			
PCC 929 Stair 1 landing conflict			3,630		
PCC 952 YBM revised hinges			5,000		
STS PCC 618 Mod Swoosh Arm P1 P2				4,705	
STS PCC 725 ATS for CP5 Sump Pump				16,087	
STS PCC 790 4th Street Portal Gate				75,000	
STS PCC 831 ATCS Equip Transport				24,925	
STS PCC 900 CCTV Media Converter				25,000	
STS PCC 921 OCS Dead End Revisions				25,000	
STS PCC 925 Elevator & Escalator Ma				0	
STS PCC 938 Electrical Cabinet Revi				500	
STS PCC 940 SCADA Points List Revis				5,000	
STS PCC 954 Add FDC at 4th/Harrison				15,000	
STS PCC 957 ATCS RLB Support Mod				15,000	
STS PCC 958 Asbestos Testing Abate				0	
UMS PCC 802 Dlt BART Faregate	0				
UMS PCC 930 Pwr for Gap Breaker Rm	3,994				
UMS PCC 941 EV Fan Damper Guardrail	10,000				
UMS PCC 951 mitigate water seepage	50,000				
UMS PCC 959 Interim Billing COR 1095	0				
YBM PCC 817 Revise Spindle Length			5,000		
YBM PCC 933 Lighting Revisions in M			50,000		
YBM PCC 935 Add Devices & Loc Chngs			20,000		
YBM PCC 939 Finishes for Gaps at Es			5,000		
YBM PCC 944 Grout for End Condition			2,500		
YBM PCC 945 Revised EOP Gate Positi			2,500		
YBM PCC 948 Attach Dtls for Esc Cld			15,000		
YBM PCC 949 Dtls for Esc Cladding			10,000		
YBM PCC 950 Missing OH Coil Grill			2,500		
YBM PCC 955 Wall Dtls to Fill Gap U			5,000		
YBM PCC 961 Revisions Elv 3 & 4			0		
Approved	**20,744,337**	**62,581,923**	**4,889,959**	**79,008,285**	
Contract Modification					
CMod # 14 YBM COR 036, 078			58,526		
CMod #017 CTS CORs 001 053 & 069		54,322			
CMod #018 CTS PCC 012		60,248			
CMod #021 STS CORs 48/52/114/233/252				18,221	
CMod #025 - Various CORs			59,113		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
CMod #026 YBM COR 072			84,509		
CMod #027 UMS PCC 092	0				
CMod #028 CTS PCC 017.1		97,743			
CMod #029 STS PCC 009.1				(143,668)	
CMod #033 CTS Various CORs		56,422			
CMod #034 CTS Various CORs		19,334			
CMod #035 STS PCC 077				11,147	
CMod #037 CTS Various CORs		8,886			
CMod #038 STS Various CORs				52,553	
CMod #039 UMS Various CORs	23,271				
CMod #040 YBM Analytical Soil Test			3,655		
CMod #049 STS DSC CORs				136,728	
CMod #050 STS DSC CORs				67,036	
CMod #053 STS DSC CORs				17,035	
CMod #081 Various DSC CORs & PCCs			57,886		
CMod #082 YBM COR 385			21,170		
CMod #083 YBM Various Changes			27,270		
CMod #084 YBM Various Changes			12,156		
CMod #085 YBM COR 086 Existing AT&T			156,831		
CMod #086 YBM COR 1106			1,897		
CMod #1 BART Elevator Option 1 @ Pow	90,000				
Cmod #10 YBM PCC 042			64,287		
CMod #100 UMS PCC 102 Fire & Life	48,149				
CMod #101 YBM COR 75 Slurry Wall			22,423		
CMod #102 STS PCC 410 ATCS Ext Cable				125,412	
CMod #103 UMS PCC 345 Lead Paint	221,766				
CMod #104 CTS Soil CMod Suppl CMOD19		1,621,173			
CMod #105 UMS Schedule Recovery	732,979				
CMod #106 CTS COR 1080 Acceleration		970,131			
CMod #107 YBM PCC 446 COR 1425			1,500,787		
CMod #108 STS Various Changes				50,400	
CMod #109 YBM 109 Various CORs			33,471		
CMod #11 UMS PCC 002	12,997				
CMod #110 UMS COR 251 770 779 781	118,911				
CMod #111 STS PCC 457 Traffic Signal				38,012	
CMod #112 UMS Various Changes	337,401				
CMod #113 STS Various Changes				103,369	
CMod #114 YBM Various CORs			99,028		
CMod #115 CTS Various Force Accounts		25,026			
CMod #116 UMS COR 034/CCC 004 Type B	627,081				
CMod #117 YBM Various PCCs			111,027		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
CMOD #118 YBM Various PCCs & CORs			421,616		
CMod #12 STS Traffic Control				1,032,302	
CMod #123 CTS PCC 050 Chinatown Plaz		9,360,183			
CMod #124 STS Delete ARS				(4,876,785)	
CMod #125 Omnibus				18,995,027	
CMod #126 YBM Door Hardware PCC 318			1,648,534		
CMod #127 STS Office Lease				1,845,604	
CMod #128 STS Radio System Revisions				1,666,735	
CMod #13 CTS COR 006		57,707			
CMod #130 ATCS				15,920,625	
CMod #131 PCC 569 EVAC Fire Alarm				1,210,445	
CMod #133 CTS Frontier Temper Claims		10,382,106			
CMod #15 YBM COR 196			3,178		
CMod #16 UMS COR 184	8,261				
CMod #19 CTS COR 007, 026		2,274,225			
CMod #20 YBM PCC 047 and 45			364,562		
CMod #22 UMS PCC 045, 046	16,198				
CMod #23 UMS PCC 058	63,838				
CMod #3 CTS Work Safely Ard Power Po		25,956			
CMod #30 YBM Various CORs			334,165		
CMod #31 UMS COR 595	53,701				
CMod #32 YBM Various PCCs			92,934		
CMod #36 YBM Conflict with Waterline			14,484		
CMod #4 CTS-Force Account Change Or		130,000			
CMod #41 YBM Class 2 Conta. Material			40,250		
CMod #42 UMS Addl. Service Conduits	36,873				
CMod #43 UMS D85 Structural Pile	65,188				
CMod #44 UMS Grade 50 Steel	572,884				
CMod #46 YBM/CTS/UMS S.walk Hatches			35,489		
CMod #47 UMS Roof Deck Schedule	76,124				
CMod #48 UMS Undgrnd. Storage Tanks	97,817				
CMod #5 YBM Deletion of Comp Groutin			(1,833,869)		
CMod #51 YBM Various CORs and PCCs			24,875		
CMod #52 YBM Undgrnd. Storage Tanks			167,393		
CMod #54 UMS USG Underpinning	732,157				
CMod #55 YBM Archeological Discovery			102,734		
CMod #56 YBM Contaminated Material			106,923		
CMod #57 STS Crossover Materials				21,245	
CMod #58 STS DSC CORs				90,081	
CMod #59 CTS DSC CORs		66,592			
CMod #6 CTS Plaza Constr Supt Servi		75,000			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
CMod #60 UMS USG Two Fuel Tanks	61,312				
CMod #61 YBM Various CORs			207,181		
CMod #62 UMS Wales and Waterproofing	277,714				
CMod #63 CTS DSC CORs		38,025			
CMod #64 STS DSC CORs and SFWD				52,570	
CMod #65 UMS Various CORs and PCCs	10,320				
CMod #66 STS Sewer Notching				66,949	
CMod #67 UMS Solar/Low-e Coating	23,290				
CMod #68 STS Various CORs				59,555	
CMod #69 UMS Various CORs	49,682				
CMod #70 YBM Various CORs			178,079		
CMod #71 UMS Haz and Asbestos Abate	81,907				
CMod #72 YBM COR 249. 566			74,694		
CMod #74 UMS PCC 39 12" Wtrln Reloc	336,236				
CMod #75 UMS COR 060 New 8" Wtr Line	58,672				
Cmod #76 YBM COR 806 Gardril credits			(9,611)		
CMod #77 STS Various Changes				56,629	
CMod #78 STS Various DSC CORs				191,175	
CMod #79 STS PCC 014 Traffic Signal				242,427	
CMod #80 STS Add'l Work to DSCs CORs				111,701	
CMod #87 CTS Var Slurry Wall Changes		3,596,000			
CMod #88 STS Various COR Misc Work				38,346	
CMod #89 YBM CORs 390,485 & 848			85,095		
CMod #9 YBM COR 10,15,16,18,20,25			126,663		
CMod #90 CTS DRB Reimbursement		1,296,364			
CMod #91 YBM PCC 069			84,537		
CMod #92 CTS PCC 233 & 26		1,126,478			
Cmod #93 STS Coordinate of ATCS Work				(18,036,709)	
Cmod #94 UMS Various Changes	46,057				
CMod #95 UMS Bart Elv Opt 2 Add Cost	400,000				
Cmod #96 UMS Comp Grout Quantities	775,000				
CMod #97 STS COR 322 Tunnel Cleaning				399,000	
CMod #98 YBM PCC 76 AWSS SSFM			163,113		
Cmod #99 UMS Various Changes	996,584				
CMod 073 - PCC 066 PB				96,516	
CMOD 24 STS PCC 23				108,053	
Cmod#119: UMS: Various Changes PCC 110, 124, 127 190, 191, 247, and 429	131,687				
Cmod#120: UMS: PCC 122R1 - UMS 1 1/2 inch Drain Piping Grout Details - Dowel Support	560,280				
Cmod#121: YBM: Various Changes COR 825, 1359, 1610 and PCC 320R1			142,904		
CMod#132 STS - CCC 105 Impacts of DSCs and Design Changes to Valverde				11,800,000	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	**839,676,400**	**$1,006,900,904**
Substantial Completion	**Spring 2021**	**Spring 2021**

	UMS	CTS	YBM	STS	COST REPORT NOTES
Cmod#134: STS - Omnibus 1 Settlement				29,848,737	
Cmod#135: UMS - Layne Claims	13,000,000				
CMod#7 STS FACOs 016, 017 &COR 009				80,170	
CMod#8 STS PCC 006 ATT MH, PB&Trench				225,208	
Cmod#884 UMS - Automobile Bus Acceleration - dummy	0				
Cmod#885: CTS - Communications - dummy		0			
Cmod#886: YBM - Communications - dummy			0		
Cmod#889: STS - Automobile Bus Acceleration -dummy				17,179,150	
CTS CMod #122 Schedule Delay Costs		31,240,000			
STS CMod 045 PCC 008 Tunnel Lowering				107,285	
Grand Total	**23,177,152**	**64,327,468**	**5,753,988**	**129,495,575**	

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

Report Period: January 2021

		December 2020			January 2021				
Group by Contract & SCC	**CATEGORY ITEM**	**December 2020 Base**	**December 2020 Allocated Contingency**	**December 2020 Base + Allocated Contingency (YOE)**	**January 2021 Base**	**January 2021 Allocated Contingency**	**January 2021 Base + Allocated Contingency (YOE)**	**BUDGET TRANSFERS [January 2021] vs. [December 2020]**	**Cost Report Notes**
10-50	**CONSTRUCTION CONTRACT PACKAGES**	**1,332,559,474**	**(75,743,960)**	**1,261,657,464**	**1,333,208,621**	**(45,393,107)**	**1,292,657,464**	**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***	***1,006,251,757***	***(76,903,960)***	***929,347,797***	***1,006,900,904***	***(46,553,107)***	***960,347,797***	***31,000,000***	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]	310,149,733	(40,964,029)	269,185,704	310,149,733	(40,964,029)	269,185,704	0	
	CTS 1254 Form B Credit	(451,703)		(451,703)	(451,703)		(451,703)	0	
1255: YBM	YERBA BUENA/ MOSCONE STATION [YBM]	162,978,959	10,110,042	173,089,001	162,978,959	10,110,042	173,089,001	0	
	YBM 1255 Form B Credit	(100,000)		(100,000)	(100,000)		(100,000)	0	
1256: STS	SURFACE TRACKWORK & SYSTEMS [STS]	218,348,138	(45,305,636)	173,042,502	218,997,285	(14,954,783)	204,042,502	31,000,000	
	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***	***79,912,062***	***1,160,000***	***81,072,062***	***79,912,062***	***1,160,000***	***81,072,062***	***0***	
40.06	PUBLIC ART PROGRAM	8,175,555	1,160,000	9,335,555	8,175,555	1,160,000	9,335,555	0	
40.08	CN1300 JOB READINESS PROGRAM - OUTREACH	1,060,000		1,060,000	1,060,000		1,060,000	0	33
40.02	MISC. CONSTR CONTRCT WK (TRACTION POWER FOR 1251)	258,202		258,202	258,202		258,202	0	
40.01	CONTRACT 1300 SOIL PROCESS	500,000		500,000	500,000		500,000	0	34
50.01	THALES T&S ATCS	487,972		487,972	487,972		487,972	0	
50.01	CN1266-2 Advanced Train Control System (ATCS) - Implementation	15,507,930		15,507,930	15,507,930		15,507,930	0	34a
50.01	CN1266-1 Advanced Train Control System (ATCS) - Equipment	3,425,424		3,425,424	3,425,424		3,425,424	0	34a
50.06	MTA FARE COLLECTION EQUIPMENT	5,400,000		5,400,000	5,400,000		5,400,000	0	
50.06	BART FARE COLLECTION EQUIPMENT	700,000		700,000	700,000		700,000	0	

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

Report Period: January 2021

		December 2020			January 2021				
Group by Contract & SCC	**CATEGORY ITEM**	**December 2020 Base**	**December 2020 Allocated Contingency**	**December 2020 Base + Allocated Contingency (YOE)**	**January 2021 Base**	**January 2021 Allocated Contingency**	**January 2021 Base + Allocated Contingency (YOE)**	**BUDGET TRANSFERS [January 2021] vs. [December 2020]**	**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 40.08	PUBLIC AGENCIES UTILITY COORDINATION	3,713,215		3,713,215	3,713,215		3,713,215	0	
40.02	DEPARTMENT OF PARKING AND TRAFFIC (DPT)	1,200,000		1,200,000	1,200,000		1,200,000	0	
50.03	UNION SQUARE/ MARKET STREET STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0	
50.03	UNION SQUARE/ MARKET STREET STATIONS PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0	
50.03	CHINATOWN STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0	
50.03	CHINATOWN STATION PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0	
50.03	YERBA BUENA/ MOSCONE STATION [YBM] POWER FEED	3,125,222		3,125,222	3,125,222		3,125,222	0	
50.03	YERBA BUENA/ MOSCONE STATION [YBM] PERMANENT POWER	(2,368,540)		(2,368,540)	(2,368,540)		(2,368,540)	0	
50.03	SURFACE STATION POWER FEED	11,839		11,839	11,839		11,839	0	
50.04	COMMUNICATION CONNECTION COSTS	5,757,629		5,757,629	5,757,629		5,757,629	0	
50.05	CSP Radio Design	641,950		641,950	641,950		641,950	0	34c
50.05	CSP Radio Cable	377,788		377,788	377,788		377,788	0	34c
50.05	CSP Radio Design Procurement	3,822,212		3,822,212	3,822,212		3,822,212	0	34c
60	**ROW, LAND, EXISTING IMPROVEMENTS**	**32,246,321**	**0**	**32,246,321**	**32,246,321**	**0**	**32,246,321**	**0**	
60.01	PURCHASE OR LEASE OF REAL ESTATE	30,065,810	0	30,065,810	30,065,810	0	30,065,810	0	35
60.02	RELOCATION OF EXISTING HOUSEHOLDS	2,180,511		2,180,511	2,180,511		2,180,511	0	
70	**VEHICLES**	**16,800,000**	**0**	**16,800,000**	**12,000,000**	**0**	**12,000,000**	**(4,800,000)**	
70.01	LIGHT RAIL	16,800,000	0	16,800,000	12,000,000	0	12,000,000	(4,800,000)	36
80	**PROFESSIONAL SERVICES**	**351,623,116**	**1,358,422**	**352,981,538**	**351,623,116**	**1,358,422**	**352,981,538**	**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	104,154,348	0	104,154,348	104,154,348	0	104,154,348	0	36a

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

Report Period: January 2021

		December 2020			January 2021				
Group by Contract & SCC	**CATEGORY ITEM**	**December 2020 Base**	**December 2020 Allocated Contingency**	**December 2020 Base + Allocated Contingency (YOE)**	**January 2021 Base**	**January 2021 Allocated Contingency**	**January 2021 Base + Allocated Contingency (YOE)**	**BUDGET TRANSFERS [January 2021] vs. [December 2020]**	**Cost Report Notes**
80.04	CONSTRUCTION ADMINISTRATION & MANAGEMENT	117,060,152	0	117,060,152	117,060,152	0	117,060,152	0	36a
80.05	INSURANCES	6,800,000		6,800,000	6,800,000		6,800,000	0	
80.06	LEGAL: PERMITS. REVIEW FEES BY OTHER AGENCIES	8,212,604		8,212,604	8,212,604		8,212,604	0	
80.07	SURVEYS, TESTING, INVESTIGATION. INSPECTION	933,100		933,100	933,100		933,100	0	
80.08	START-UP	6,941,907	1,358,422	8,300,329	6,941,907	1,358,422	8,300,329	0	
	ALL SCC CATEGORIES 10 TO 80	**1,733,228,911**	**(74,385,538)**	**1,663,685,323**	**1,729,078,058**	**(44,034,685)**	**1,689,885,323**		37
90	**UNALLOCATED CONTINGENCIES**			**1,001,872**			**801,872**	**(200,000)**	38
	TOTAL PROJECT COST 10 TO 100			**1,664,687,196**			**1,690,687,196**		
	TOTAL CONTINGENCY			-			-		
	CONTINGENCY MINIMUM			-			-		
	BELOW OR ABOVE MINIMUM			-			-		

COST STATUS BY CATEGORY	SCC CODES	Sum of Supplemental 2013 Budget	BUDGET December 2020	BUDGET TRANSFERS	BUDGET January 2021	Sum of January 2021	Remaining Budget (Column H-Column I)	January 2021 EAC	January 2021 Contingency	Cost Report Notes
		A	B	C	D	E	F	G	H	
GUIDEWAY & TRACK ELEMENTS	SCC 010	282,227,872	284,261,448	-	284,261,448	283,583,573	677,875	284,261,448		39
STATIONS, STOPS, TERMINALS, INTERMODAL	SCC 020	573,099,645	488,171,967	30,350,853	518,522,820	546,551,392	(28,028,572)	566,367,866		39
SITEWORK & SPECIAL CONDITIONS	SCC 040	235,514,097	370,102,267	649,147	370,751,414	374,213,913	(3,462,499)	422,664,318		39
SYSTEMS	SCC 050	90,774,397	119,121,781	-	119,121,781	109,440,107	9,681,674	119,226,617		39
ROW, LAND, EXISTING IMPROVEMENTS	SCC 060	37,511,799	32,246,321	-	32,246,321	30,648,969	1,597,352	32,246,321		
VEHICLES	SCC 070	26,385,653	16,800,000	(4,800,000)	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	221,214,500	-	221,214,500	219,033,859	2,180,641	221,214,500		39
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,416,118	24,246,033	-	24,246,033	13,681,876	10,564,157	22,887,611		
UNALLOC CONTINGENCY	SCC 090	3,883,480	1,001,869	(200,000)	801,869	-	801,869		801,872	39
Grand Total		**1,578,300,000**	**1,664,687,192**	**26,000,000**	**1,690,687,192**	**1,696,568,033**	**(5,880,841)**	**1,793,189,687**	**801,872**	

SCC DESCRIPTION	January 2021 BUDGET	January 2021 CTD
010 - GUIDEWAY & TRACK ELEMENTS	284,261,448	283,583,573
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	518,522,820	546,551,392
040 - SITEWORK & SPECIAL CONDITIONS	370,751,414	374,213,913
050 - SYSTEMS	119,121,781	109,440,107
060 - ROW, LAND, EXISTING IMPROVEMENTS	32,246,321	30,648,969
070 - VEHICLES (number)	12,000,000	11,929,247
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	352,981,538	340,200,832
090 - UNALLOCATED CONTINGENCY	801,869	0
Grand Total	**1,690,687,192**	**1,696,568,033**

SCC DESCRIPTION	January 2021 BUDGET	January 2021 CTD
010.02-Guideway: At grade semi-exclusive (allows cross-traffic)	2,860,000	2,860,000
010.06-Guideway: Underground cut & cover	69,816,407	69,510,264
010.07-Guideway: Underground tunnel	200,374,315	200,007,015
010.09-Track: Direct fixation	6,761,089	6,756,657
010.12-Track: Special (switches, turnouts)	4,449,637	4,449,637
020.01-At-grade station, stop, shelter, mall, terminal, platform	7,602,857	6,886,915
020.02-Aerial station, stop, shelter, mall, terminal, platform	(14,954,783)	0
020.03-Underground station, stop, shelter, mall, terminal, platform	494,202,671	518,187,437
020.04-OTHER STATIONS, LANDING, TERMINALS: INTERMODAL, FERRY, TROLLEY, ETC	9,360,183	0
020.07-Elevators, escalators	22,311,892	21,477,040
040.01-Demolition, Clearing, Earthwork	12,754,615	12,502,015
040.02-Site Utilities, Utility Relocation	68,753,443	80,284,841
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	9,423,125	8,386,373
040.04-Environmental mitigation, e.g. wetlands, historic/archeologic, parks	1,122,899	851,713
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	5,457,780
040.07-Automobile, bus, van accessways including roads, parking lots	23,758,249	23,635,556
040.08-Temporary Facilities and other indirect costs during construction	242,441,658	240,389,204
050.01-Train control and signals	29,188,008	39,641,510
050.02-Traffic signals and crossing protection	12,804,956	12,183,243
050.03-Traction power supply: substations	21,465,073	20,804,051
050.04-Traction power distribution: catenary and third rail	12,441,113	4,428,536
050.05-Communications	34,508,045	29,816,541
050.06-Fare collection system and equipment	6,100,000	841,265
050.07-Central Control	2,614,586	1,724,962
060.01-Purchase or lease of real estate	30,065,810	28,239,539
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	89,154,348	84,981,489
080.04-Construction Administration & Management	132,060,152	134,052,371
080.05-Professional Liability and other Non-Construction Insurance	6,800,000	6,340,196
080.06-Legal; Permits; Review Fees by other agencies, cities, etc.	8,212,604	6,433,496
080.07-Surveys, Testing, Investigation, Inspection	933,100	908,184
080.08-Start up	8,300,329	0
090.00-Unallocated Contingency	801,869	0
Grand Total	**1,690,687,192**	**1,696,568,033**

central subway
Connecting people. Connecting communities.
SFMTA | Municipal Transportation Agency

Report Period: January 2021
CENTRAL SUBWAY PROJECT
7.9 DETAIL MONTHLY EXPENDITURE REPORT
GROUPED BY PROJECT PHASE

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
TOTAL PRELIMINARY ENGINEERING	**46,542,061**	**46,542,061**	**0**	**0**	**46,542,061**	**0**	40
11 - SFMTA PROJECT MANAGEMENT	8,800,164	8,253,957	0	0	8,253,957	546,208	41
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	11,425,594	0	42
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	921,906	802,883	0	0	802,883	119,023	
21 - ARTS COMMISSION	1,500,570	1,500,570	0	0	1,500,570	0	43
22 - FIRE DEPARTMENT	33,825	35,343	0	0	35,343	(1,518)	
23 - CITY ATTORNEY'S OFFICE	1,234,754	1,234,754	0	0	1,234,754	0	
24 - RISK MANAGEMENT	0	0	0	0	0	0	
26 - PLANNING	99,604	99,604	0	0	99,604	0	
27 - DEPARTMENT OF PUBLIC HEALTH (DPH)	4,420	4,420	0	0	4,420	0	
29 - CITY AUDITOR	336,735	336,735	0	0	336,735	0	44
32 - DPW - IDC ENGINEERING (HYDRAULIC)	3,336,432	3,336,432	0	0	3,336,432	0	
34 - DPW - IDC CONSTRUCTION (CAPTITAL)	17,462	17,462	0	0	17,462	0	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	76,549	76,549	0	0	76,549	0	
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	13,993	13,993	0	0	13,993	0	
51 - 821 HOWARD STREET	1,005,653	1,005,653	0	0	1,005,653	0	
55 - 651 BRANNAN	2,294,910	2,294,910	0	0	2,294,910	0	45
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	26,793,234	26,793,234	0	0	26,793,234	0	46
66 - ANIL VERMA	395,204	395,204	0	0	395,204	0	47
67 - HILL INTERNATIONAL CONTRACT 156	6,716,294	6,716,294	0	0	6,716,294	0	48
68 - ARTHUR GALLAGER & CO. CS 164	6,800,000	6,340,196	0	0	6,340,196	459,804	
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	5,469,336	5,469,336	0	0	5,469,336	0	49
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	26,220,609	0	50
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	0	11,432,312	0	51
331 - BAY AREA RAPID TRANSIT (BART)	146,427	146,427	0	0	146,427	0	
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)	0	65,978	0	15,618	81,597	(81,597)	
TOTAL FINAL DESIGN	**115,075,988**	**114,018,448**	**0**	**15,618**	**114,034,067**	**1,041,921**	
11 - SFMTA PROJECT MANAGEMENT	20,500,000	18,771,911	70,202	284,647	19,056,557	1,443,443	
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	20,500,000	18,771,911	70,202	284,647	19,056,557	1,443,443	
12 - SFMTA ENGINEERING SERVICES	2,923,582	3,099,932	8,721	24,901	3,124,833	(201,251)	
1.3.012.02.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1252	123,582	57,648	0	0	57,648	65,934	
1.3.012.06.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1300	2,800,000	3,042,285	8,721	24,901	3,067,185	(267,185)	
13 - SFMTA CONSTRUCTION MANAGEMENT	27,002,275	25,464,996	97,986	388,849	25,853,845	1,148,430	
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	27,002,275	25,464,996	97,986	388,849	25,853,845	1,148,430	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,659,313	2,820,659	13,564	32,494	2,853,153	806,160	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	400,314	1,683	2,870	403,185	(103,585)	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	151,317	1,130	4,911	156,228	118,672	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	225,890	359	2,378	228,269	10,131	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	336,815	10,392	22,334	359,149	517,727	
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B84]	0	1,464	0	0	1,464	(1,464)	

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B86]	0	204,261	0	0	204,261	(204,261)	
1.3.016.06.040.02 - DPT:DPT TRAFFIC SHOP CONTRACT 1300	1,200,000	0	0	0	0	1,200,000	
1.3.016.08.040.08 - DPT:PCOS:2UTL [68A]	400,728	400,728	0	0	400,728	0	
1.3.016.08.040.08 - DPT:SSD CN:2UTL	0	108,020	0	0	108,020	(108,020)	
1.3.016.08.080.04 - DPT:SSD [1326]	252,536	252,536	0	0	252,536	0	
1.3.016.08.080.04 - DPT:SSD [13BN]	23,302	23,302	0	0	23,302	0	
1.3.016.08.080.04 - DPT:SSD [13CN]	963	963	0	0	963	0	
1.3.016.08.080.04 - DPT:SSD [B85]	92,008	92,008	0	0	92,008	0	
1.3.016.03.040.08 - PCOS:1300/UMS [68CPT544132W.CPT544132W]	0	163,411	0	0	163,411	(163,411)	
1.3.016.04.040.08 - PCOS:1300/CTS [68CPT544132X.CPT544132X]	0	0	0	0	0	0	
1.3.016.05.040.08 - PCOS:1300/YBM [68CPT544132Y.CPT544132Y]	0	207,537	0	0	207,537	(207,537)	
1.3.016.09.040.08 - PCOS:1300/STS [68CPT544132Z.CPT544132Z]	0	252,092	0	0	252,092	(252,092)	
17 - MOTIVE POWER	2,195	0	0	0	0	2,195	
1.3.017.07.040.02 - PWR:SFMTA-MOTIVE POWER-UTL.REL	2,195	0	0	0	0	2,195	
18 - SFMTA OPERATIONS	400,000	137,280	2,895	18,572	155,852	244,148	
1.3.018.04.040.02 - OPS:SUPPORT TO CONTRACT 1300/CTS	100,000	48,782	2,895	18,572	67,354	32,646	
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300 - UMS O/L	50,255	73,817	0	0	73,817	(23,561)	
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300/UMS	249,745	14,681	0	0	14,681	235,063	
19 - OTHER SFMTA	1,000,000	945,836	0	0	945,836	54,164	
1.3.019.07.080.07 - OTH.MTA SFMTA-SURVEY; TSTG [6840]	1,800	1,720	0	0	1,720	80	
1.3.019.08.040.08 - OTH.MTA 1251 MATERIALS	150,000	126,149	0	0	126,149	23,851	
1.3.019.08.080.07 - OTH.MTA OPERATION SUPPORT DURI	848,200	817,966	0	0	817,966	30,234	
21 - ARTS COMMISSION	12,010,886	6,357,193	8,754	38,082	6,395,275	5,615,611	
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION COSTS	3,769,932	0	0	0	0	3,769,932	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [1227]	1,719,387	388,167	0	0	388,167	1,331,220	52
1.3.021.01.080.04 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT544122	21,000	12,465	0	0	12,465	8,535	
1.3.021.06.080.03 - ARTS:CTYCO-ARTS COMMISSION PM [285MC.132J]	834,264	946,516	4,635	13,591	960,107	(125,842)	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWA335MPFUNA.CPT544132	10,149	11,093	0	0	11,093	(944)	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CPT544132	4,439	4,439	0	0	4,439	0	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT5441327.CPT5441327]	1,393,660	1,393,660	0	0	1,393,660	0	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT5441327]	3,011,963	3,600,854	4,119	24,491	3,625,344	(613,381)	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [132J]	86,091	0	0	0	0	86,091	
1.3.021.97.040.06 - ARTS:ARTS COMMISSION ALLOC CO	1,160,000	0			0	1,160,000	
23 - CITY ATTORNEY'S OFFICE	2,171,781	2,802,830	0	144,766	2,947,596	(775,815)	
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	2,802,830	0	144,766	2,947,596	(775,815)	
25 - PUBLIC UTILITIES COMMISSION SEWER	(2,925,296)	0	0	0	0	(2,925,296)	
1.3.025.09.040.02 - STS.1256: SITE UTILITIES SFPUC SEWER MAIN	(2,925,296)	0			0	(2,925,296)	
26 - PLANNING	137,062	26,697	0	0	26,697	110,365	
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	26,697	0	0	26,697	110,365	
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	4,299,604	8,571	1,092,887	5,392,491	(1,150,480)	
1.3.028.02.040.02 - CM:CTYCO-PUBLIC UTIL COMM. (PUC)	0	4,745	0	0	4,745	(4,745)	
1.3.028.02.040.08 - PUC: FIELD OPERATIONS TUNNEL	398,400	525,204	971	278	525,483	(127,083)	
1.3.028.02.080.04 - PUC:MTA CSP CN1252 [470465]	105,000	91,587	0	0	91,587	13,413	

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.028.03.040.02 - PUC:CDD CONTRACT 1300/UMS SUPPORT	606,354	633,797	0	215,116	848,913	(242,559)	
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	37,979	893	0	37,979	192,021	
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	236,526	5,080	0	236,526	35,229	
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	55,773	0	39,136	94,909	20,091	
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPORT	450,282	506,138	0	343,789	849,927	(399,645)	
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	98,643	0	57,140	155,783	28,217	
1.3.028.06.040.02 - PUC:CMB CONTRACT 1300/SFWD AWSS MATERIAL	225,079	249,247	0	225,079	474,325	(249,246)	
1.3.028.07.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1250	248,035	291,501	0	0	291,501	(43,466)	
1.3.028.07.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1250	74,468	113,844	0	0	113,844	(39,376)	
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [3BB]	0	88,879	0	3,701	92,579	(92,579)	
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [445]	340,310	318,130	0	0	318,130	22,180	
1.3.028.08.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1251	266,252	289,424	0	0	289,424	(23,172)	
1.3.028.09.040.02 - PUC:CMB CONTRACT 1300/STS SUPPORT	520,077	500,894	1,627	1,650	502,544	17,533	
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTION	207,000	257,294	0	207,000	464,294	(257,294)	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	1,150,459	560,763	0	0	560,763	589,696	
1.3.032.01.080.04 - CM:DPW:1424J-BUREAU OF ENGINEERING (BOE) [AB12]	(285,405)	(285,405)	0	0	(285,405)	0.00	
1.3.032.03.080.04 - DPW IDC HYDRAULIC CN1300 UMS SUPPORT	297,938	130,415	0	0	130,415	167,523	
1.3.032.04.080.04 - DPW IDC HYDRAULIC CN1300 CTS SUPPORT	295,639	22,125	0	0	22,125	273,514	
1.3.032.05.080.04 - DPW IDC HYDRAULIC CN1300 YBM SUPPORT	301,882	58,932	0	0	58,932	242,950	
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112B112]	85,275	85,275	0	0	85,275	0	53
1.3.032.06.080.04-1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112C112]	109,658	109,658	0	0	109,658	0	54
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112D112]	15,791	15,791	0	0	15,791	0	55
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112E112]	11,193	11,193	0	0	11,193	0	56
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112F112]	107,798	107,798	0	0	107,798	0	57
1.3.032.06.080.04 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112G112]	21,690	47,917	0	0	47,917	(26,227)	58
1.3.032.08.080.04 - DPW.HYRDDPW-BOE IDC ENG SVC DC	9,000	0	0	0	0	9,000	
1.3.032.09.080.04 - DPW IDC HYDRAULIC CN1300 STS SUPPOR	180,000	257,065	0	0	257,065	(77,065)	
34 - DPW - IDC CONSTRUCTION (CAPITAL)	6,703,969	6,345,071	0	0	6,345,071	358,898	
1.3.034.01.080.04 - DPW:BCM LABOR [2113]	2,140,142	2,140,142	0	0	2,140,142	0	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [CD12]	1,207,603	1,207,603	0	0	1,207,603	0	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [13AC12]	138,397	138,397	0	0	138,397	0	
1.3.034.06.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [132112]	506,858	506,858	0	0	506,858	0	
1.3.034.06.080.04 - DPW:CONSTR:1300 CM [13CP12]	2,710,969	2,352,071	0	0	2,352,071	358,898	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	465,562	158,741	0	0	158,741	306,821	
1.3.036.01.080.04 - DPW:MPPG:DPW-BUREAU OF ST USE	367,129	32,680	0	0	32,680	334,449	
1.3.036.02.080.04 - DPW:MPPG:1300-DPW-BUREAU OF ST USE [13CG12]	50,000	33,084	0	0	33,084	16,916	
1.3.036.02.080.06 - DPW:MPPG:DPW-BUREAU OF ST USE [13CF]	48,433	92,977	0	0	92,977	(44,544)	
37 - DPW - PCS MATERIAL TESTING LABORATORY	83,100	0	0	0	0	83,100	
1.3.037.01.080.07 - DPW.MTL.LABDPW-MATERIAL TESTIN	83,100	0	0	0	0	83,100	
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	613,853	438,455	0	0	438,455	175,398	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2213]	92,459	92,459	0	0	92,459	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2250]	78,400	78,400	0	0	78,400	0	
1.3.039.01.080.04 -DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2257]	151,515	151,515	0	0	151,515	0	

		ACTUAL COSTS					
[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2313]	24,343	24,343	0	0	24,343	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	58,757	10,109	0	0	10,109	48,648	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CE13]	31,367	31,367	0	0	31,367	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CH13]	100,000	8,621	0	0	8,621	91,379	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR)	17,000	0	0	0	0	17,000	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1252 [13C	18,632	16,880	0	0	16,880	1,753	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1300 [13C	41,379	24,761	0	0	24,761	16,618	
46 - MACY'S WEST - SFPUC SEWER WORK	258,202	258,202	0	0	258,202	0	
1.3.046.08.040.02 - MCY.SWRC. CONTRACT: MACY'S-SEW	258,202	258,202	0	0	258,202	0	
51 - 821 HOWARD STREET	770,843	678,201	396	21,594	699,795	71,048	
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	696,753	635,325	0	12,504	647,829	48,924	
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	29,598	396	0	29,598	25,402	
1.3.051.06.080.04 - ODC.HWRD:W/MTA INST WTR SVC @ STS&YBM TRAILER	9,090	12,222	0	9,090	21,312	(12,222)	
55 - 651 BRANNAN	10,348	10,348	0	0	10,348	0	
1.3.055.01.080.03 - CM:ODCs - 651 BRANNAN STREET	10,348	10,348	0	0	10,348	0	59
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	78,399,948	75,287,502	1,580,000	1,462,880	76,750,382	1,649,566	
1.3.063.01.080.03 - CM:PM:AECOM.CS149 OM-EPC JV CS149-PM	5,017,804	5,017,804	0	0	5,017,804	0	60
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3B]	1,969,213	1,969,213	0	0	1,969,213	(0)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3E]	6,386,250	6,386,250	0	0	6,386,250	(0)	
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3E][PM]	1,596,563	1,596,563	0	0	1,596,563	0	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3F]	4,101,465	4,101,466	0	0	4,101,466	(0)	
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3F][PM]	1,025,366	1,025,366	0	0	1,025,366	0	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3G]	5,167,381	5,167,381	0	0	5,167,381	(0)	
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3G][PM]	1,291,845	1,291,845	0	0	1,291,845	(0)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3H]	4,380,849	4,380,849	0	0	4,380,849	(0)	
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3H][PM]	1,095,212	1,095,212	0	0	1,095,212	(0)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3i]	6,739,945	5,582,974	0	0	5,582,974	1,156,971	
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3i][PM]	2,590,785	1,395,744	0	0	1,395,744	1,195,041	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3j]	7,000,000	6,081,401	0	0	6,081,401	918,599	
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3j][PM]	2,000,000	1,520,350	0	0	1,520,350	479,650	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3m]	9,400,000	11,221,265	1,264,000	1,170,304	12,391,568	(2,991,568)	
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3m][PM]	2,350,000	2,805,316	316,000	292,576	3,097,892	(747,892)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9B]	11,042	11,042	0	0	11,042	0	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9D]	515,694	515,694	0	0	515,694	(0)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9E]	523,943	523,943	0	0	523,943	0	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9F]	461,196	461,196	0	0	461,196	0	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9G]	501,912	501,912	0	0	501,912	0	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9H]	1,219,093	1,219,093	0	0	1,219,093	(0)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9i]	2,974,444	3,039,000	0	0	3,039,000	(64,556)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9j]	3,000,000	2,275,598	0	0	2,275,598	724,402	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9m]	1,500,000	521,080	0	0	521,080	978,920	
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	

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.063.97.080.03 - AECOM.CS149 ALLOCAT CONTING	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. [133O]	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	18,341,336	23,116,768	994,352	84,929	23,201,697	(4,860,361)	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	51,351	61,130	0	0	61,130	(9,779)	64
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	18,289,985	23,055,637	994,352	84,929	23,140,567	(4,850,582)	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	4,828,269	7,440,558	531,348	(2,462)	7,438,097	(2,609,828)	
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING CM [1236]	90,000	89,791	0	0	89,791	209	
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING CM [1334]	4,738,269	7,350,767	531,348	(2,462)	7,348,306	(2,610,037)	
81 - UTILITIES RELOCATION #1 (PORTAL & MOS) - CONTRACT 1250	11,968,150	11,968,150	0	0	11,968,150	0	
1.3.081.07.040.01 - UR1.CONTRACT 1250:SITEWORK: DEMOLIT	167,458	167,458	0	0	167,458	0	
1.3.081.07.040.02 - UR1.CONTRACT 1250:SITEWORK: UTILITI	10,099,341	10,099,341	0	0	10,099,341	0	
1.3.081.07.040.03 - UR1.CONTRACT 1250:SITEWORK:HAZMAT	453,321	453,321	0	0	453,321	0	
1.3.081.07.040.08 - UR1.CONTRACT 1250:SITEWORK:TEMPORAR	1,248,030	1,248,030	0	0	1,248,030	0	
82 - UTILITIES RELOCATION #2 (UMS) - CONTRACT 1251	20,669,081	20,669,081	0	0	20,669,081	(0)	65
1.3.082.08.040.01 - UR2.CONTRACT 1251:SITEWORK: DEMOLIT	752,240	752,240	0	0	752,240	0	
1.3.082.08.040.02 - UR2.CONTRACT 1251:SITEWORK:UTILITI	10,202,543	10,202,543	0	0	10,202,543	(0)	
1.3.082.08.040.03 - UR2.CONTRACT 1251:SITEWORK:HAZMAT	172,712	172,712	0	0	172,712	0	
1.3.082.08.040.05 - UR2.CONTRACT 1251:SITEWORK: STRUCTU	2,706,431	2,706,431	0	0	2,706,431	0	
1.3.082.08.040.06 - UR2.CONTRACT 1251:SITEWORK:PEDESTRA	319,317	319,317	0	0	319,317	0	
1.3.082.08.040.07 - UR2.CONTRACT 1251:SITEWORK:AUTO/BUS	190,362	190,362	0	0	190,362	0	
1.3.082.08.040.08 - UR2.CONTRACT 1251:SITEWORK:TEMP FAC	6,325,476	6,325,476	0	0	6,325,476	0	
GUIDEWAY TUNNELS TOTAL	**233,511,253**	**233,511,253**	**0**	**0**	**233,511,253**	**0**	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	233,584,015	0	0	233,584,015	0	66
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGRN'D CUT	60,446,425	60,446,425	0	0	60,446,425	0	
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGROUND	105,423,090	105,423,090	0	0	105,423,090	0	
1.3.083.02.020.03 - CONTRACT 1252: STATIONS: UNDERGROUND	21,685,000	21,685,000	0	0	21,685,000	0	
1.3.083.02.040.01 - CONTRACT 1252:SITEWORK:DEMO CLEARING	2,440,000	2,440,000	0	0	2,440,000	0	
1.3.083.02.040.02 - CONTRACT 1252:SITEWORK:UTILITIES & RE	10,895,000	10,895,000	0	0	10,895,000	0	
1.3.083.02.040.03 - CONTRACT 1252:SITEWORK:HAZMAT&MITIGAT	200,000	200,000	0	0	200,000	0	
1.3.083.02.040.04 - CONTRACT 1252:SITEWORK:ENVIRON. MITIG	300,000	300,000	0	0	300,000	0	
1.3.083.02.040.06 - CONTRACT 1252:SITEWORK:PED/BIKE ACCES	50,000	50,000	0	0	50,000	0	

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.083.02.040.07 - CONTRACT 1252:SITEWORK:AUTO/BUS ACCES	1,345,000	1,345,000	0	0	1,345,000	0	
1.3.083.02.040.08 - CONTRACT 1252:SITEWORK:TEMP FACILITIE	30,799,500	30,799,500	0	0	30,799,500	0	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs	(72,762)	(72,762)	0	0	(72,762)	0	67
1.3.083.83.010.06 - CONTRACT 1252: CONTRACT MOD	112,251	112,251	0	0	112,251	0	
1.3.083.83.010.07 - CONTRACT 1252: CONTRACT MOD	1,810,094	1,810,094	0	0	1,810,094	0	
1.3.083.83.020.03 - CONTRACT 1252: CONTRACT MOD	1,004,156	1,004,156	0	0	1,004,156	0	
1.3.083.83.040.02 - CONTRACT 1252: CONTRACT MOD	1,035,588	1,035,588	0	0	1,035,588	(0)	
1.3.083.83.040.03 - CONTRACT 1252: CONTRACT MOD	453,475	453,475	0	0	453,475	0	
1.3.083.83.040.08 - CONTRACT 1252: CONTRACT MOD	(4,488,326)	(4,488,326)	0	0	(4,488,326)	0	
1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CONTING	0	0	0	0	0	0	68
CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL	**960,347,797**	**983,714,545**	**6,723,427**	**5,623,027**	**989,337,572**	**-28,989,775**	69
84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAGE 1253	294,030,590	289,885,463	185,642	162,248	290,047,711	3,982,879	21
1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	253,081,452	251,436,323	82,275	23,100	251,459,423	1,622,029	
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,465,694	9,178,196	71,517	5,000	9,183,196	282,498	
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	6,071,588	6,071,588	0	0	6,071,588	0	
1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	4,360,395	4,360,395	0	0	4,360,395	0	
1.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS	550,000	322,499	0	0	322,499	227,501	
1.3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA	244,500	194,500	0	0	194,500	50,000	
1.3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE	18,969	18,969	0	0	18,969	0	
1.3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE	1,158,410	1,047,609	0	5,400	1,053,009	105,401	
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	11,139,701	10,096,359	0	220	10,096,579	1,043,122	
1.3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND	4,773,076	4,773,076	0	0	4,773,076	0	
1.3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL	1,815,534	1,079,909	0	121,625	1,201,534	614,000	
1.3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR	216,957	191,708	0	3,408	195,116	21,841	
1.3.084.03.050.05 - UMS.1253: COMMUNICATIONS	1,134,314	1,114,332	31,850	3,495	1,117,827	16,487	
84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODs	20,744,337	20,778,055	(7,580,025)	(33,718)	20,744,337	0	
1.3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATION	1,832,330	1,809,040	0	23,290	1,832,330	0	
1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALATORS	490,000	490,000	0	0	490,000	0	
1.3.084.84.040.01 - CMOD:UMS.1253: DEMOLITION CLEARING	944,987	944,987	0	0	944,987	0	
1.3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL	3,270,038	3,270,038	0	0	3,270,038	0	
1.3.084.84.040.03 - CMOD:UMS.1253: HAZARDOUS MATERIALS	349,730	349,730	0	0	349,730	0	
1.3.084.84.040.07 - CMOD:UMS.1253: AUTOMOBILE BUS ACCE	0	0	(20,580,025)	0	0	0	69a
1.3.084.84.040.08 - CMOD:UMS.1253: TEMPORARY FACILITIES	13,809,103	13,809,103	13,000,000	0	13,809,103	0	
1.3.084.84.050.05 - CMOD:UMS.1253: COMMUNICATIONS	48,149	105,157	0	(57,008)	48,149	0	
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING	(744,337)	0	0	0	0	(744,337)	41
85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254	247,567,810	239,138,395	1,339,637	1,198,027	240,336,422	7,231,388	
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND TUNNEL	76,417,579	76,417,579	0	0	76,417,579	0	
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	133,001,053	126,232,878	1,039,334	1,176,740	127,409,618	5,591,435	
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,812,856	6,450,682	165,706	0	6,450,682	362,174	
1.3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING	400,000	400,000	0	0	400,000	0	
1.3.085.04.040.02 - CTS.1254: SITE UTILITIES UTIL	6,001,718	5,999,218	0	2,500	6,001,718	0	
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	350,000	230,000	0	0	230,000	120,000	
1.3.085.04.040.04 - CTS.1254: ENVIRONMENTAL MITIGA	325,665	222,460	0	0	222,460	103,205	

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.085.04.040.06 - CTS.1254: PEDESTRIAN/BIKE	15,000	15,000	0	0	15,000	0	
1.3.085.04.040.07 - CTS.1254: AUTOMOBILE BUS ACCE	225,677	211,385	35,708	0	211,385	14,292	
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	16,571,322	16,116,322	0	0	16,116,322	455,000	
1.3.085.04.050.02 - CTS.1254: TRAFFIC SIGNALS AND	1,599,593	1,665,256	0	0	1,665,256	(65,663)	
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,063,927	3,691,102	49,150	6,000	3,697,102	366,825	
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTRIBUTION	124,481	94,490	0	0	94,490	29,991	
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	1,658,938	1,392,022	49,739	12,787	1,404,809	254,129	
85 - CHINATOWN STATION (CTS) CMODs	62,581,923	52,639,644	(6,910,784)	0	52,639,644	9,942,279	71
1.3.085.85.020.03 - CMOD:CTS.1254: UNDERGROUND STATION	1,201,478	1,126,478	0	0	1,126,478	75,000	
1.3.085.85.020.04- CMOD:CTS.1254: OTHER STATIONS, LANDING, TERMINALS: INTERMODAL, FERRY, TROLLEY, ETC	9,360,183	0	0	0	0	9,360,183	
1.3.085.85.040.01 - CMOD:CTS.1254: POWER POLE	155,956	148,212	0	0	148,212	7,744	
1.3.085.85.040.02 - CMOD:CTS.1254: SITE UTILITIES UTIL	4,022,598	3,996,251	0	0	3,996,251	26,347	
1.3.085.85.040.03 - CMOD:CTS.1254: HAZARDOUS MATERIALS	3,895,399	3,895,399	0	0	3,895,399	0	
1.3.085.85.040.08 - CMOD:CTS.1254: TEMPORARY FACILITIES	43,946,308	43,473,304	0	0	43,473,304	473,004	
1.3.085.85.050.05 - CMOD:CTS.1254: COMMUNICATIONS		0	(6,910,784)	0	0	0	71a
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	(40,964,029)	0	0	0	0	(40,964,029)	72
86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255	158,089,000	155,670,568	166,421	40,698	155,711,266	2,377,734	
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	118,405,840	118,076,347	10,643	14,400	118,090,747	315,093	
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,333,287	5,143,107	124,028	0	5,143,107	190,180	
1.3.086.05.040.01 - YBM.1255: DEMOLITION CLEARING	657,000	657,000	0	0	657,000	0	
1.3.086.05.040.02 - YBM.1255: SITE UTILITIES UTIL	7,163,278	7,163,278	0	0	7,163,278	0	
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,629,439	2,140,188	0	0	2,140,188	489,251	73
1.3.086.05.040.04 - YBM.1255: ENVIRONMENTAL MITIGA	100,000	32,019	0	0	32,019	67,981	
1.3.086.05.040.06 - YBM.1255: PEDESTRIAN/BIKE	16,665	1	0	0	1	16,664	
1.3.086.05.040.07 - YBM.1255: AUTOMOBILE BUS ACCE	1,542,725	1,539,725	0	0	1,539,725	3,000	
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,564,753	15,177,965	0	220	15,178,185	386,568	
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	1,726,492	1,726,492	0	0	1,726,492	0	
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,708,425	2,785,100	31,250	17,500	2,802,600	905,825	
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	1,241,096	1,229,346	500	8,578	1,237,924	3,172	
86 - YERBA BUENA MOSCONE STATION (YBM) CMODs	4,889,959	4,455,864	(11,773,621)	12,568	4,468,432	421,527	
1.3.086.86.020.03 - CMOD:YBM.1255: UNDERGROUND STATION	466,470	456,470	0	0	456,470	10,000	
1.3.086.86.020.07 - CMOD:YBM.1255: ELEVATORS ESCALATOR	210,055	210,055	0	0	210,055	0	
1.3.086.86.040.01 - CMOD:YBM.1255: DEMOLITION CLEARING	266,386	259,386	0	7,000	266,386	0	73
1.3.086.86.040.02 - CMOD:YBM.1255: SITE UTILITIES UTIL	3,570,282	3,158,755	0	0	3,158,755	411,527	
1.3.086.86.040.03 - CMOD:YBM.1255: HAZARDOUS MATERIALS	150,828	150,828	0	0	150,828	0	
1.3.086.86.040.04 - CMOD:YBM.1255: ENVIRONMENTAL MITIGA	102,734	102,734	0	0	102,734	0	
1.3.086.86.040.06 - CMOD:YBM.1255: PEDESTRIAN/BIKE	35,489	29,921	0	5,568	35,489	0	
1.3.086.86.040.08 - CMOD:YBM.1255: TEMPORARY FACILITIES	87,715	87,715	0	0	87,715	0	
1.3.086.86.050.05 - CMOD:YBM.1255: COMMUNICATIONS		0	(11,773,621)	0	0	0	73a
1.3.086.96.020.03 - YBM.1255: AC: ALLOC CONTING	10,110,042	0	0	0	0	10,110,042	74
87 - SURFACE TRACKWORK AND SYSTEMS -WORK PACKAGE 1256	139,989,000	126,409,345	2,669,895	2,562,959	128,972,304	11,016,696	
1.3.087.09.010.02 - STS.1256: GUIDEWAY: AT-GRADE SEMI-EXCLUSIVE (ALLOWS C	2,860,000	2,860,000	0	0	2,860,000	0	

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.087.09.010.06 - STS.1256: GUIDEWAY: UNDERGROUND CUT & CVR	9,257,731	8,951,588	0	0	8,951,588	306,143	
1.3.087.09.010.07 - STS.1256: GUIDEWAY: UNDERGROUN	16,723,552	16,338,252	42,151	18,000	16,356,252	367,300	
1.3.087.09.010.09 - STS.1256: TRACK DIRECT FIXATION	6,761,089	6,756,657	0	0	6,756,657	4,432	
1.3.087.09.010.12 - STS.1256: TRACK: SPECIAL	4,449,637	4,449,637	0	0	4,449,637	0	
1.3.087.09.020.01 - STS.1256: AT-GRADE STATION	7,602,857	6,880,095	256,984	6,820	6,886,915	715,942	
1.3.087.09.040.02 - STS.1256: SITE UTILITIES, UTILITY RELOCA	17,464,046	14,685,124	2,250	5,500	14,690,624	2,773,422	
1.3.087.09.040.03 - STS.1256: HAZARDOUS MATERIALS	200,000	0	0	0	0	200,000	73
1.3.087.09.040.04 - STS.1256: ENVIRONMENTAL MITIGATION	50,000	0	0	0	0	50,000	73
1.3.087.09.040.07 - STS.1256: AUTOMOBILE BUS ACCE	2,116,925	2,116,925	0	0	2,116,925	0	
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	13,896,832	13,835,367	0	6,000	13,841,367	55,464	
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL AND SIGNALS	27,543,451	24,951,236	2,061,880	2,454,652	27,405,888	137,563	
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	4,463,368	3,798,419	0	0	3,798,419	664,949	
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	9,889,014	9,200,661	246,630	27,455	9,228,116	660,898	
1.3.087.09.050.04 - STS.1256: TRACTION POWER DISTRIBUTION	6,099,675	3,861,364	14,595	27,032	3,888,396	2,211,279	
1.3.087.09.050.05 - STS.1256: COMMUNICATIONS	7,996,237	5,999,058	41,405	17,500	6,016,558	1,979,679	
1.3.087.09.050.07 - STS.1256: CENTRAL CONTROL	2,614,586	1,724,962	4,000	0	1,724,962	889,624	
87 - SURFACE TRACKWORK AND SYSTEMS (STS) CMODs	79,008,285	94,737,212	28,626,262	1,680,245	96,417,457	(17,409,171)	
1.3.087.89.020.03 - CMOD:STS.1256: UNDERGROUND STATION	(4,876,785)	(4,876,785)	0	0	(4,876,785)	0	
1.3.087.89.040.01 - CMOD:STS.1256: DEMOLITION, CLEARING, EARTHWORK	399,000	399,000	0	0	399,000	0	
1.3.087.89.040.02 - CMOD:STS.1256: SITE UTILITIES, UTILITY RELOCA	1,482,322	1,345,797	0	120,767	1,466,564	15,758	
1.3.087.89.040.03 - CMOD:STS.1256: HAZARDOUS MATERIALS	18,221	18,221	0	0	18,221	0	
1.3.087.89.040.07 - CMOD:STS.1256: AUTOMOBILE BUS ACCE	17,179,150	16,530,003	(2,254,304)	649,147	17,179,150	0	
1.3.087.89.040.08 - CMOD:STS.1256: TEMPORARY FACILITIES	64,753,360	64,130,376	29,907,076	58,339	64,188,715	564,645	74a
1.3.087.89.050.01 - CMOD:STS.1256: TRAIN CONTROL	(17,776,769)	13,304	0	221,928	235,232	(18,012,001)	
1.3.087.89.050.02 - CMOD:STS.1256: TRAFFIC SIGNALS AND	242,427	220,000	0	0	220,000	22,427	
1.3.087.89.050.05 - CMOD:STS.1256: COMMUNICATIONS	17,587,360	16,957,296	973,490	630,064	17,587,360	0	
1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	(14,954,783)	0	0	0	0	(14,954,783)	75
88 - STATIONS CONTRACT 1300	2,435,063	1,215,299	1,345	4,410	1,219,709	1,215,354	
1.3.088.06.080.04 - CN1300 CONSTRUCTION TRAILER [68CPT5441316.CPT5441316]	80,000	0	0	0	0	80,000	
1.3.088.06.080.04 - DT-CN1300 COMMUNICATIONS INSTALL [68CPT5441317.CPT544	1,430,594	156,022	0	0	156,022	1,274,572	
1.3.088.06.080.04 - MTA Communications - Business Liaison to support CN1300 CON[68C	420,000	343,778	0	0	343,778	76,222	
1.3.088.06.080.04 - IT-CN1300 Installation [68CPT5441319.CPT5441319]	448,371	292,209	1,345	4,410	296,619	151,752	
1.3.088.06.080.04 - CN1300 Installation Mainteanance [68CPT5441320.CPT5441320]	25,000	382,655	0	0	382,655	(357,655)	
1.3.088.06.080.04 - DT Support - Stations [68CPT544135.CPT5441325]	31,098	40,635	0	0	40,635	(9,537)	
141 - CONSTRUCTION ADMINISTRATION	0	0	0	0	0	0	
1.3.141.97.080.04 - CONSTR.ADMIN:ALLOC CONTING	0	0			0	0	75a
142 - LEGAL/PERMITS	2,014,204	0	0	0	0	2,014,204	
1.3.142.01.080.06 - LGL.PRMTSF:LEGAL; PERMITS	2,014,204	0	0	0	0	2,014,204	
144 - STARTUP	8,300,329	0	0	0	0	8,300,329	
1.3.144.01.080.08 - STRT: STARTUP (SFMTA Transit)	6,941,907	0	0	0	0	6,941,907	
1.3.144.97.080.08 - STRTA: AC STARTUP ALLOC CONTIN	1,358,422	0			0	1,358,422	
151 - TEMPORARY LICENSE AGREEMENT	17,000	0	0	0	0	17,000	
1.3.151.01.080.06 - TEMP.LICPORARY LICENSE AGREEME	17,000	0	0	0	0	17,000	

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
170 - COMMUNICATIONS CONNECTIONS	10,599,579	2,403,913	0	0	2,403,913	8,195,666	
1.3.170.01.050.04 - COMM.CONNN:COMMUNICATION CONN	5,757,629	0	0	0	0	5,757,629	
1.3.170.01.050.05 - CSP Radio Design	641,950	641,950	0	0	641,950	0	
1.3.170.01.050.05 - CSP Radio Cable	377,788	321,963	0	0	321,963	55,825	
1.3.170.01.050.05 - CSP Radio Procurement	3,822,212	1,440,000	0	0	1,440,000	2,382,212	
181 - AON RISK INSURANCE CS 163	26,803,757	25,119,206	0	1,673,738	26,792,944	10,813	
1.3.181.01.040.08 - AON.CS163 AON RISK INS.	26,778,757	25,094,206	0	1,673,738	26,767,944	10,813	
1.3.181.01.080.03 - AON.CS171 AON RISK INS. STUDY	25,000	25,000	0	0	25,000	0	
191 - FARE COLLECTION CONTRACTOR	5,400,000	366,130	0	0	366,130	5,033,871	
1.3.191.01.050.06 - FARE.CONSUL:FARE COLLECTION	5,400,000	366,130	0	0	366,130	5,033,871	
192 - THALES T&S CENTRAL CONTROL	19,421,326	10,698,655	0	1,301,734	12,000,389	7,420,937	
1.3.192.01.050.01 - THALES T&S ATCS	487,972	106,179	0	0	106,179	381,793	
1.3.192.01.050.01 - CN1266-2 Advanced Train Control System (ATCS) - Implementation	15,507,930	7,475,844	0	1,301,734	8,777,579	6,730,351	
1.3.192.01.050.01 - CN1266-1 Advanced Train Control System (ATCS) - Equipment	3,425,424	3,116,632	0	0	3,116,632	308,792	
202 - JOC2-022.0	63,938	0	0	0	0	63,938	
1.3.202.01.040.02 - JOC2-022:15&22 POTHOLING UTIL1 LGHT FNDS	63,938	0	0	0	0	63,938	
203 - JOC2-029.0	53,317	0	0	0	0	53,317	
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	53,317	
302 - PG&E	1,988,173	3,874,699	0	0	3,874,699	(1,886,526)	
1.3.302.03.050.03 - PGE PERMANENT POWER UMS	(2,350,000)	0	0	0	0	(2,350,000)	
1.3.302.03.050.03 - PGE POWER FEED UMS	2,959,826	1,305,477	0	0	1,305,477	1,654,349	
1.3.302.04.050.03 - PGE PERMANENT POWER CTS	(2,350,000)	0	0	0	0	(2,350,000)	
1.3.302.04.050.03 - PGE POWER FEED CTS	2,959,826	0	0	0	0	2,959,826	
1.3.302.05.050.03 - PGE PERMANENT POWER YBM	(2,368,540)	0	0	0	0	(2,368,540)	
1.3.302.05.050.03 - PGE POWER FEED YBM	3,125,222	2,569,222	0	0	2,569,222	556,000	
1.3.302.09.050.03 - PGE POWER FEED STS	11,839	0	0	0	0	11,839	
331 - BAY AREA RAPID TRANSIT (BART)	951,356	476,611	0	0	476,611	474,745	
1.3.331.01.080.04 - CM:SFMTA LABOR-ENG SVCS-IRP/BART/SF	50,000	33,152	0	0	33,152	16,848	
1.3.331.01.080.06 - CM: BAY AREA RAPID TRANSIT (BART) [122A]	901,356	443,459	0	0	443,459	457,897	
333 - AMERICAN PUBLIC TRANSP. ASSOCIATION (APTA) CS-APTA	146,500	62,112	0	0	62,112	84,388	
1.3.333.01.080.03 - APTA:APTA - IRP [2G]	46,500	31,054	0	0	31,054	15,446	
1.3.333.01.080.03 - APTA:APTA - IRP [2C]	100,000	31,058	0	0	31,058	68,942	
334 - BART FARE COLLECTION SYSTEM	700,000	475,136	0	0	475,136	224,864	
1.3.334.01.050.06 - BART:BART FARE COLLECTION EQP	700,000	475,136	0	0	475,136	224,864	
401 - ECONOMIC AND WORKFORCE DEVELOPMENT (EWD)	17,600	17,600	0	0	17,600	0	
1.3.401.01.080.04 - EWD: MAYORS OFFICE ECON DEV	17,600	17,600	0	0	17,600	0	
402 - DEPARTMENT OF TECHNOLOGY	242,371	250,534	0	0	250,534	(8,163)	
1.3.402.07.050.04 - DT:1UTL:COMM. CONNECTIONS	166,756	179,179	0	0	179,179	(12,423)	
1.3.402.08.050.04 - DT:2UTL:COMM.CONNECTIONS	75,615	71,354	0	0	71,354	4,261	
404 - DEPARTMENT OF BUILDING INSPECTION (DBI)	1,204,081	1,204,081	0	0	1,204,081	0	
1.3.404.01.080.06 - DPT OF BUILDING INSPECTION	1,204,081	1,204,081	0	0	1,204,081	0	
491 - FORM B - REIMBURSEMENT	(12,227,954)	0	0	0	0	(12,227,954)	

[A] Cost Account Description	[B] Jan 2021 Budget (YOE)	ACTUAL COSTS [C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.491.02.040.02 - FORMB - CONTRACT 1252 UTILITY REIMBUR	(254,050)	0	0	0	0	(254,050)	76
1.3.491.03.040.02 - FORMB - UMS:CONTRACT 1300 UTILITY REIMBURSEMENT	(528,370)	0	0	0	0	(528,370)	77
1.3.491.04.040.02 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEMENT	(451,703)	0	0	0	0	(451,703)	78
1.3.491.05.040.02 - FORMB - YBM:CONTRACT 1300 UTILITY REIMBURSEMENT	(100,000)	0	0	0	0	(100,000)	79
1.3.491.06.040.02 - FORMB - CONTRACT 1300 UTILITY REIMBUR	0	0	0	0	0	0	80
1.3.491.07.040.02 - FORMB - CONTRACT 1250 UTILITY REIMBUR	(2,275,419)	0	0	0	0	(2,275,419)	81
1.3.491.08.040.02 - FORMB - CONTRACT 1251 UTILITY REIMBUR	(7,618,412)	0	0	0	0	(7,618,412)	82
1.3.491.09.040.02 - FORMB - STS:CONTRACT 1300 UTILITY REIMBURSEMENT	(1,000,000)	0	0	0	0	(1,000,000)	83
TOTAL CONSTRUCTION PHASE	**1,484,126,858**	**1,481,324,545**	**10,041,563**	**12,195,049**	**1,493,519,595**	**(9,392,737)**	
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	6,987,624	0	0	6,987,624	0	
1.5.015.01.060.01 - RE:-DEPT OF TRANSPOR	2,686,000	2,686,000	0	0	2,686,000	0	
1.5.015.01.060.01 - RE:-LICENSES FEES	400,000	381,311	0	0	381,311	18,689	
1.5.023.01.060.01 - 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**	**30,543,065**	**0**	**0**	**30,543,065**	**1,597,353**	
90 - CONTINGENCY	801,869	0	0	0	0	801,869	
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	801,869					801,869	84
TOTAL ALLOCATED CONTINGENCY	0					0	
TOTAL PROJECT COST	**1,690,687,193**	**1,684,357,366**	**10,041,563**	**12,210,667**	**1,696,568,033**	**(5,880,841)**	

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	In April 2015 report, real estate budget stated in RAMP Rev5 is $36.7M, including $1M contingency. The cost workbook ROW & contingency budget reflects this with $36,511,799 and $1,000,000 respectively. Revised cost book ROW budget & contingency to be $37,511,799. The $4,265,478 Caltrans lease savings is allocated to ROW allocated contingency. In February 2017, released $5,265,478 from completed phase Real Estate assigned contingency to program unallocated contingency. In September 2020, re-programmed, re-aligned and re-adjusted the allocated STS contingency to increase by $22,708,106 due to funding received.
26	In Dec 2014 Report, redistributed LRV budget to reflect recent firm bid cost per vehicle ($3,327,250/unit) from vehicle procurement contract award. (SFMTA Board meeting 15JUL14, calendar item #11). Vehicle line item total budget remains unchanged, redistributed fund by reducing base amount to $13,309,000, column “c” and increased allocated contingency column “h”, by same amount. In Dec 2018 Report, increased LRV budget by $3,491,000 to reflect final costs of vehicles ($4,200,000/unit) for vehicle procurement contract to $16,800,000. Reduced LRV contract and transferred the $9,585,653 from LRV contingency to unprogrammed contingency.
26a	In July 2018 Report, increased SCC 80 Professional Services category budget by $2,263,498 due to additional costs related to CN1300 stations; cost was transferred from program unallocated contingency. In August 2019 report, we are realigned and adjusted the allocated contingency for Professional Services and moved to approved changes column.
27	In Oct 2014 Report, made two corrections: i) revised Professional Services, Original Contract Value "column a" from $310,518,041 to $310,618,041, ii) revised Original Cogency. "column f" unallocated contingency from $3,883,481 to $3,845,945. In April 2015 report, used $500K program contingency for CS-175 Bayland Soil Process contract. In August 2015 Report, added $15M from Contract 1252. In March 2016 Report, the $155,468 costs funded by other project offset credits added to program's unallocated contingency. In August 2016 Report, used $15M to UMS contingency and $5M to CTS contingency. In February 2017, increased $5,265,478 from real estate contingency to program unallocated contingency and used $1M for CN1300 Job Readiness Program contract. In July 2018 report, used $2,263,498 to increase SCC 80 Professional Services category regarding matters related to stations from program unallocated contingency. In August 2019 report, used $4,841,950 to increased SCC 50 Systems category regarding matters related to CSP Radio from program unallocated contingency.
28	The total Central Subway Project budget of $1.578 billion, based on the October 2012 FFGA with the FTA, is the primary MPR report reference. In September 2020, the project budget increased from $1.578 billion to $1.601 billion due to additional funding. In October 2020, the project budget increased from $1.601 billion to $1.665 billion due to additional funding. In January 2021, the project budget increased from $1.665 billion to $1.691 billion due to additional funding.
29	Estimate at Completion is shown at Column "e".
30	Estimate at Completion vs. Budget variance is shown at Column "k".
7.5 Contract Modification/Trend Log - Contract 1300 Stations	
31	Reported all trend cost for Contractor Change Order Requests and Proposed Contract Change and applied probability to forecasted trends. In April 2016 Report, reviewed probability formula and adjusted cost. In May 2017, updated probability formula and adjusted cost.

7.6 Budget Revisions: Report Sorted by Construction Packages	
32	In Dec 2014 Report, reduced CN1252 allocated contingency by $28K to execute Contract Modification #46, see Report 7.5 Detail Contingency Usage Report. In August 2015 report, release $15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2016 report, five contract modifications certified totaling $377,435 of which $155,468 is using another source of funding. Released $155,648 from CN1252 Tunnel assigned contingency to program unallocated contingency. In May 2016 Report, reduced CN1252 allocated contingency by $186K to execute Contract Modification #54 and #55, see Report 7.5 Detail Contingency Usage Report. In October 2016 Report, increased CN1252 allocated contingency by $319,658 to execute three contract modifications (#57, #58 and #59), see Report 7.5 Detail Contingency Usage Report. In March 2018 Report, increased CN1252 allocated contingency by $131,715 to execute two contract modifications (#61 and #62), see Report 7.5 Detail Contingency Usage Report. In December 2018 Report, released CN1252 allocated contingency of $966,431 to program unallocated contingency.
33	In February 2017 report, initiated budget from program unallocated contingencies for CN1300 Job Readiness Program. CN1300 Job Readiness Program budget was part of CN1300 base value, a deduction contract modification will lower CN1300 contract value.
34	In April 2015, initiated budget from program unallocated contingencies for CS-175 Bayland Soil Process contract, refer to Note 20.
34a	In March 2019, initiated transfer due to budget being withdrawn from Tutor contract (STS package) to fund the Advanced Train Control System contract amount of $18,036,709. CN1266-2 Advanced Train Control System (ATCS) Implementation for $14,611,285 and CN1266-1 Advanced Train Control System (ATCS) Equipment for $3,425,424.
34b	In December 2018, initiated budget from program unallocated contingencies for AON Risk Insurance, refer to Note 20.
35	In February 2017, released completed phase real estate assigned contingency $5,265,478 to program unallocated contingency.
36	In Dec 2014 Report, redistributed LRV budget to reflect recent firm bid cost per vehicle ($3,327,250/unit) from vehicle procurement contract award. (SFMTA Board meeting 15JUL14, calendar item #11). Vehicle line item total budget remains unchanged, redistributed fund by reducing base amount to $13,309,000 and increased allocated contingency by same amount. In December 2018 Report, adjusted budget from $13,309,000 to $16,800,000 from allocated contingency. Took the remaining allocated contingency of $9,585,653 and moved it to program unallocated contingency. In January 2021, reduced the LRV budget by $4.8M and moved to CN1300 STS contingency. The adjusted budget for LRV went from $16.8M to $12M.
36a	In August 2019 Report, utilized the contingency of $16,862,657 from 80.03 Project Management budget and 80.04 Construction Management budget and redistributed funds to align with AECOM budget to reflect true costs plus additional $12,000,000 in 2019 annual work plan.

37	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 progrrm unallocated contingency. In August 2019, increased SCC category Other Construction in 50.05 CSP Radio by $4,841,950 by reducing program unallocated contingency.
38	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 Managment. 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, reducted 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.
7.7 Budget Expenditures by SCC Codes	
39	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 contigency 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

7.9 Detail Monthly Expenditure Report	
Phase 1 Preliminary Engineering	
40	**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.
Phase 2 Design Phase	
41	Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.
42	Famis Phase 1 PE Index Code: 357906.CPT5441112 cost is $10,222,939 $8,949,300 is reported in Cost Report Phase 1 PE and the balance of $1,273,639 is reported in Phase 2 Design.
43	1.2.021.01.080.03 - FD:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]: FAMIS: $1,425,167 Cost Report: $1,425,167 cost is reported in Phase 2 Design, 1.2.021.01.080.03 Cost Transfer: Remaining cost is reported in Phase 3 Construction, 1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]
44	In December 2016 Report, Central Subway Project has re-activated CSA Audit Work Order to perform overhead audit for three consultant forms.
45	1.2.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]: FAMIS: $2,294,910 Cost Report: $2,294,910 1.2.055.01.080.02 Cost Transfer: Future costs to be allocated to 1.3.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]
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.
49	1.2.071.01.080.02 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]: FAMIS: $5,608,147 Cost Report: $5,469,336 Cost Transfer: $138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]
50	1.2.072.01.080.02 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]: FAMIS: $26,268,511 COST REPORT: $26,220,609 COST TRANSFER: $47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]
51	1.2.073.01.080.02 - FD:FINAL DESIGN-DP3 [35CPT5441236.CPT5441236]: FAMIS: $11,502,372 COST REPORT: $11,432,312 COST TRANSFER: $70,060 to 1.3.073.01.080.04 - CM: DP3 [35CPT5441236.CPT5441236]

Phase 3 Construction Phase	
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
53	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112B112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
54	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112C112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
55	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112D112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
56	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112E112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
57	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112F112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
58	In January 2017 Report, revised SCC Code from 1.2.032.02.080.02 -1424J-BOE LABOR [PWE1X5MPFUNA.CPT544112G112] to 1.3.032.06.080.04 to correct incorrect SCC assignment for DPW support to construction phase.
59	1.3.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]: FAMIS: $2,294,910 Cost Report: $2,294,910 1.2.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241] Cost Transfer: Future costs to be allocated to 1.3.055.01.080.02
60	1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]: FAMIS: $4,698,167 Cost Report: $4,698,167 on 1.2.063.01.080.03 Cost Transfer: Future costs to 1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]
61	In February 2017, transferred $1,060,000 from programs unallocated contingency to initiate CN1300 JOB READINESS contracts, (cost account code 1.3.064.06.040.08). A deductive Construction Modification to CN1300 will process.
62	Used $500K program contingency for CS-175 Bayland Soil Process contract. Refer to Report Notes #20.
63	1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]: FAMIS: $5,608,147 Cost Report: $5,469,336 Cost Transfer: $138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]
64	1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]: FAMIS: $26,268,511 COST REPORT: $26,220,609 COST TRANSFER: $47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]

65	Contract 1251 Final cost is $20,794,582.
66	In March 2016, July 2016 and October 2016, contract 1252 modifications budget and actuals have been realigned and adjusted to reflect actuals costs.
67	In March 2016, July 2016 and October 2016, contract 1252 modifications budget and actuals have been realigned and adjusted to reflect actuals costs.
68	Revised Contract 1252 allocated contingency SCC code from 040.08 to 010.07.
69	In July 2015 Report, used Contract 1300 Contractor schedule to report budget and actual cost. The Standard Cost Categories (SCC) allocation changed from previous reports. In August 2015 Report, adjusted some of Contract 1300 Contractor SCC assignment to match most of previous SCC assignment. In March 2016, $75,000 Cmod#6 subtracted from CN1300 Stations contingency (using CPT718 funding) and transferred to Program contingency; this lead to the total CN1300 Station budget being lowered. In September 2020, received $22,708,106 from local funds and added to CN1300 Station budget thus resulted it in being increased.
69a	In August 2020, based on Tutor's PP#82, there was a total of $5,371,820 of costs that was not associated with bid item or cmod. Based on Tutor's spreadsheet, our CM team spread it across the four stations and attributed UMS with $1,886,753 and having it sit in cost center 1.3.088.84.040.07.
70	Revised Contract 1300/UMS allocated contingency SCC code from 040.08 to 020.03.
71	In March 2016 Report, reduced Contract 1252 contingency by $377,435 cost to reflect certification of five CMODS.
71a	In August 2020, based on Tutor's PP#82, there was a total of $5,371,820 of costs that was not associated with bid item or cmod. Based on Tutor's spreadsheet, our CM team spread it across the four stations and attributed CTS with $1,419,413 and having it sit in cost center 1.3.088.85.050.05.
72	Revised Contract 1300/CTS allocated contingency SCC code from 040.08 to 020.03.
73	Negative Current or Prior Monthly expenditure is due to replenish allowance expenses by approved Contract Modifications.
73a	In August 2020, based on Tutor's PP#82, there was a total of $5,371,820 of costs that was not associated with bid item or cmod. Based on Tutor's spreadsheet, our CM team spread it across the four stations and attributed YBM with $1,090,286 and having it sit in cost center 1.3.088.86.050.05.
74	Revised Contract 1300/YBM allocated contingency SCC code from 040.08 to 020.03.
74a	In August 2020, based on Tutor's PP#82, there was a total of $5,371,820 of costs that was not associated with bid item or cmod. Based on Tutor's spreadsheet, our CM team spread it across the four stations and attributed STS with $975,368 and having it sit in cost center 1.3.088.89.040.07.
75	Revised Contract 1300/STS allocated contingency SCC code from 040.08 to 020.01.
75a	In August 2019 Report, reallocated and aligned SCC 80 Professional Services category budget by $2,956,812 due to additional costs; cost was transferred from construction management allocated contingency.
76	Revised Form B Reimbursements SCC code from 900.01 to 040.02
77	Revised Form B Reimbursements SCC code from 900.01 to 040.02
78	Revised Form B Reimbursements SCC code from 900.01 to 040.02
79	Revised Form B Reimbursements SCC code from 900.01 to 040.02
80	Revised Form B Reimbursements SCC code from 900.01 to 040.02
81	Revised Form B Reimbursements SCC code from 900.01 to 040.02
82	Revised Form B Reimbursements SCC code from 900.01 to 040.02
83	Revised Form B Reimbursements SCC code from 900.01 to 040.02

84	Increase Program contingency $1,023,508. Refer to Report Notes #11 and #12. In April 2015 report, program contingency decreased by $500,000. Refer to Report Notes #20. In August 2015 report, release $15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2016 report, program unallocated contingency increased by $230,468. In August 2016, released $20M to CN1300 Construction assigned contingency from program unallocated contingency. In February 2017, used $1,060,000 for CN1300 Job Readiness Program from unallocated contingency, refer to Note 30. Also, released $5,265,478 assigned real estate contingency to program unallocated contingency, refer to Note 27. In July 2018 report, used $2,263,498 to fund SCC 80 Professional Services category regarding matters related to stations from program unallocated contingency. In December 2018, moved $11,987,900 from CN1252 and LRV contingency to program unallocated contingency. In March 2019, added $18,036,709 from taking out the ATCS from Tutor contract. The budget transfer was used to create a stand alone line for ATCS work in 50.01 under Thales. In August 2019, used $4,841,950 from program unallocated contingency to create CSP Radio Design, CSP Radio Cable, and CSP Radio Procurement in SCC 50 Systems category. Waiting for a contract modification to readjust the borrowed contingency from unprogramed 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 contigency 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 reducted by $20,896,645.

central T subway

Connecting people. Connecting communities.

Appendix B

DETAIL SCHEDULE REPORTS

SCHEDULE HIGHLIGHTS

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

The MPS shows a forecast Revenue Service Date of Spring 2022 based on a revised assessment of the overall schedule and the current project conditions related to work efficiency due to COVID. The revised Revenue Service Date of Spring 2022 has been shared with our funding partners and a revised request to extend the Full Funding Grant Agreement with the revised date has been submitted to Federal Transit Administration (FTA) for review and approval. The project continues to evaluate this date with potential impact from COVID restrictions with stricter guidelines and procedures. The schedule team is assessing the risk with these issues and identifying potential mitigation to reduce the risk to the overall schedule. The Contractor has notified the City that potential delay may have occurred due to the social distancing requirement which is impacting production rates.

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

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

Contract 1300 Contractor submitted fifty-four (54) Schedule Updates from December 2014 to July 2019. SFMTA rejected twenty eight (28) Schedule Updates from January 2016 to 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 January 2021 schedule is

used within the January Report. The SFMTA Contract 1300 January 2021 schedule is based on the approved baseline schedule logic with adjustments made as mentioned above. The SFMTA will continue to use the SFMTA Contract 1300 schedule update as a forecasting tool going forward until the Contract 1300 Contractor submits an acceptable schedule that addresses all SFMTA's scheduling concerns.

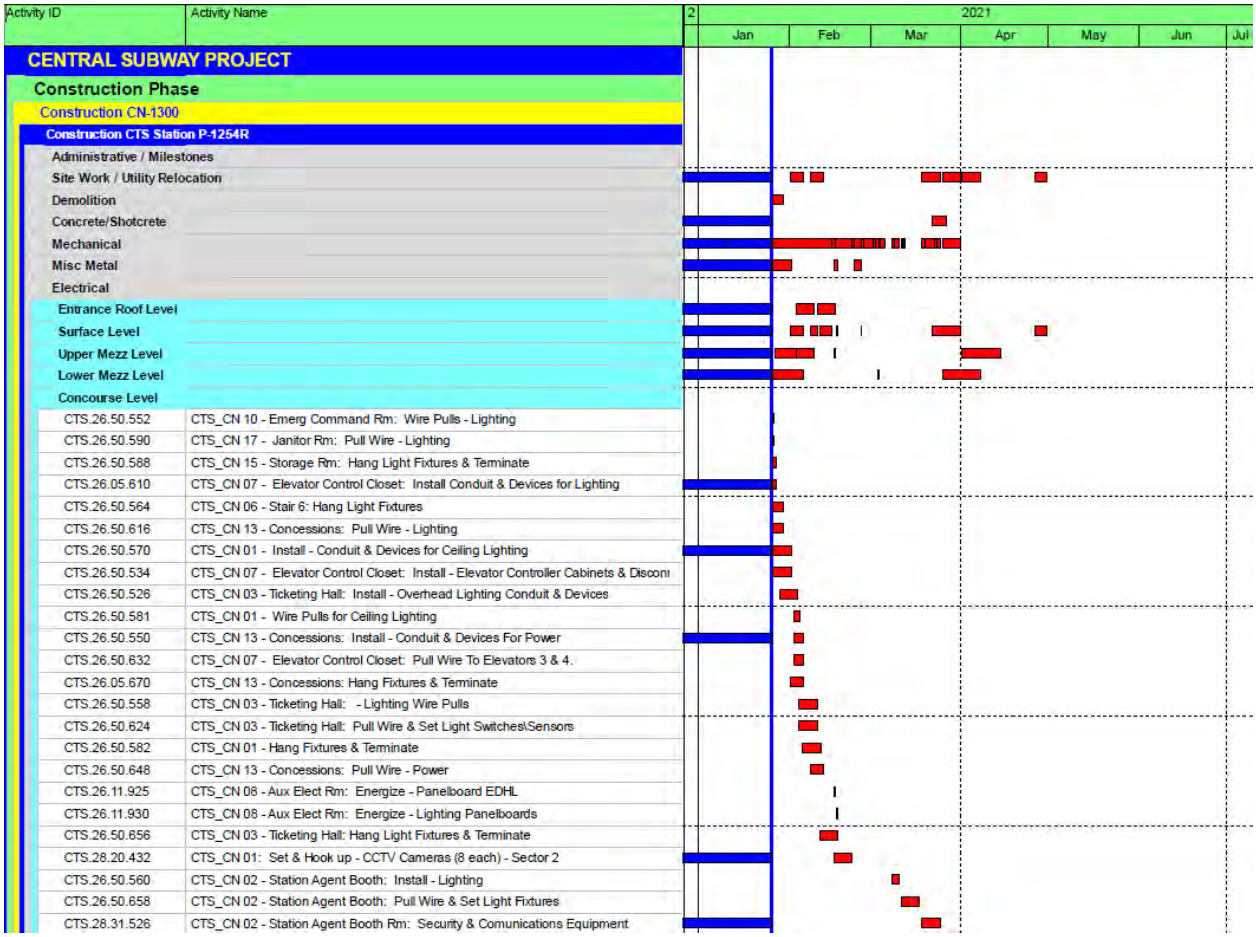
Work Package P-1254R (CTS) has performed the following work this month:

- Completed installing terrazzo for Stair 1 at Cavern Platform level
- Continue installing terrazzo for Stair 2 and 3 at Station Headhouse
- Completed installing overhead signage along North/South Cavern Platform
- Continued installing electrical and communication conduits at Station Agent Booth at Concourse level
- Continued pulling service wires at Equipment Room at Underplatform level
- Continued pulling service wires at Main Electrical and Traction Power rooms at Headhouse Platform level
- Continued installing storm, sewer, water piping, refrigerant, and fire sprinkler piping at Surface/Plaza levels
- Continued installing Elevators 1, 2, 3, and 4
- Completed installing Stair 5A
- Continued installing Stair 5 and 6
- Continued construction of Plaza roof and stairs
- Completed installing fire proofing for Plaza level
- Completed installing electrical conduits and sprinkler piping at Surface/Plaza levels
- Continued installing GFRC panels at Plaza level
- Completed installing grating at Roof walkways
- Continue installing pavers at Surface/Plaza level
- Obtained permanent electrical PG&E power for Alternate Feeder
- Continue testing board and panels, transformers, and lighting
- Complete construction of 8" water line along Washington Street
- Began sidewalk/street restoration along Washington Street
- Continued street work (minor), ongoing monitoring and surveying

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

- Complete installing terrazzo for Stair 2 and 3 at Station Headhouse
- Complete installing overhead signage along North/South Cavern Platform
- Continue installing electrical and communication conduits at Station Agent Booth at Concourse level
- Begin constructing soffit for exposed conduits along North wall at Concourse level
- Complete installing Stair 5 and 6
- Complete pulling service wires at Equipment Room at Underplatform level
- Complete installing overhead conduit at Traction Power rooms at Headhouse Platform level

- Complete pulling service wires at Main Electrical and Traction Power rooms at Headhouse Platform level
- Complete installing storm, sewer, water piping, refrigerant, and fire sprinkler piping at Surface and Plaza levels
- Complete installing Elevators 1, 2, 3, and 4
- Complete construction of Plaza roof and stairs
- Continued installing GFRC panels at Plaza level
- Complete installing pavers at Surface/Plaza level
- Complete installing electrical conduits and sprinkler piping at Surface and Plaza levels
- Complete traction power conduit installation
- Begin installing OCS at Cavern
- Begin installing Train Platform Kiosks
- Begin installing Kiosks at Concourse Ticketing Hall
- Continue testing board and panels, transformers, and lighting
- Begin testing Traction Power and Train Control components
- Power and Lighting startup and testing.
- Fire Alarm /PA / Security System startup and testing.
- Complete sidewalk/street restoration along Washington Street
- Open up 1 Westbound traffic lane along Washington Street
- Begin reactivation of existing AWSS pipeline along Stockton Street
- Continue street work (minor), ongoing monitoring and surveying



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

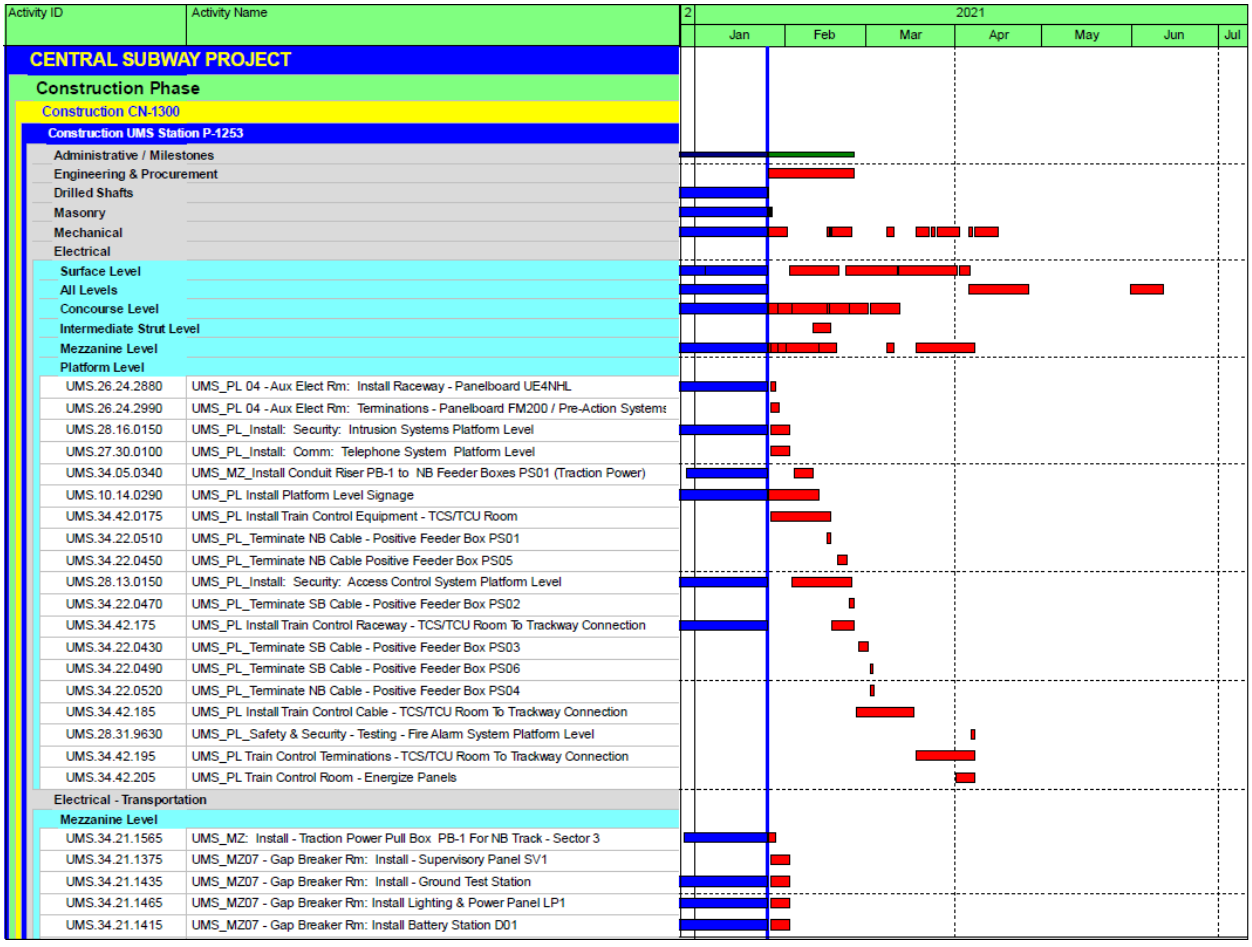
Continued construction, installation and testing of the following items:

- Started Installation of Traction Conduits and Traction Pull Boxes at Platform Level.
- Started Painting Traction Power Conduits at Platform level.
- Continued Installation of Handrails at Stair 2 and Stair 5.
- Continued working on Station Agent Booth.
- Continued Installation of Standpipes for Fire Hose Cabinets at Concourse Level.
- Continued Installation of Power and Data Outlets at Ellis Entrance.
- Completed Installation of Crystalized Glass Panels on Radiused ends of Utility houses at Concourse Level.
- Continued Removal of Paint at Corridor CN34.
- Continued Installation of cables for Artwork at Concourse Level
- Completed Installation of OCS brackets at Platform level.
- Completed installation of Accordion door for Escalator disconnect at Platform Level.

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

Continued construction, installation and testing of the following items:

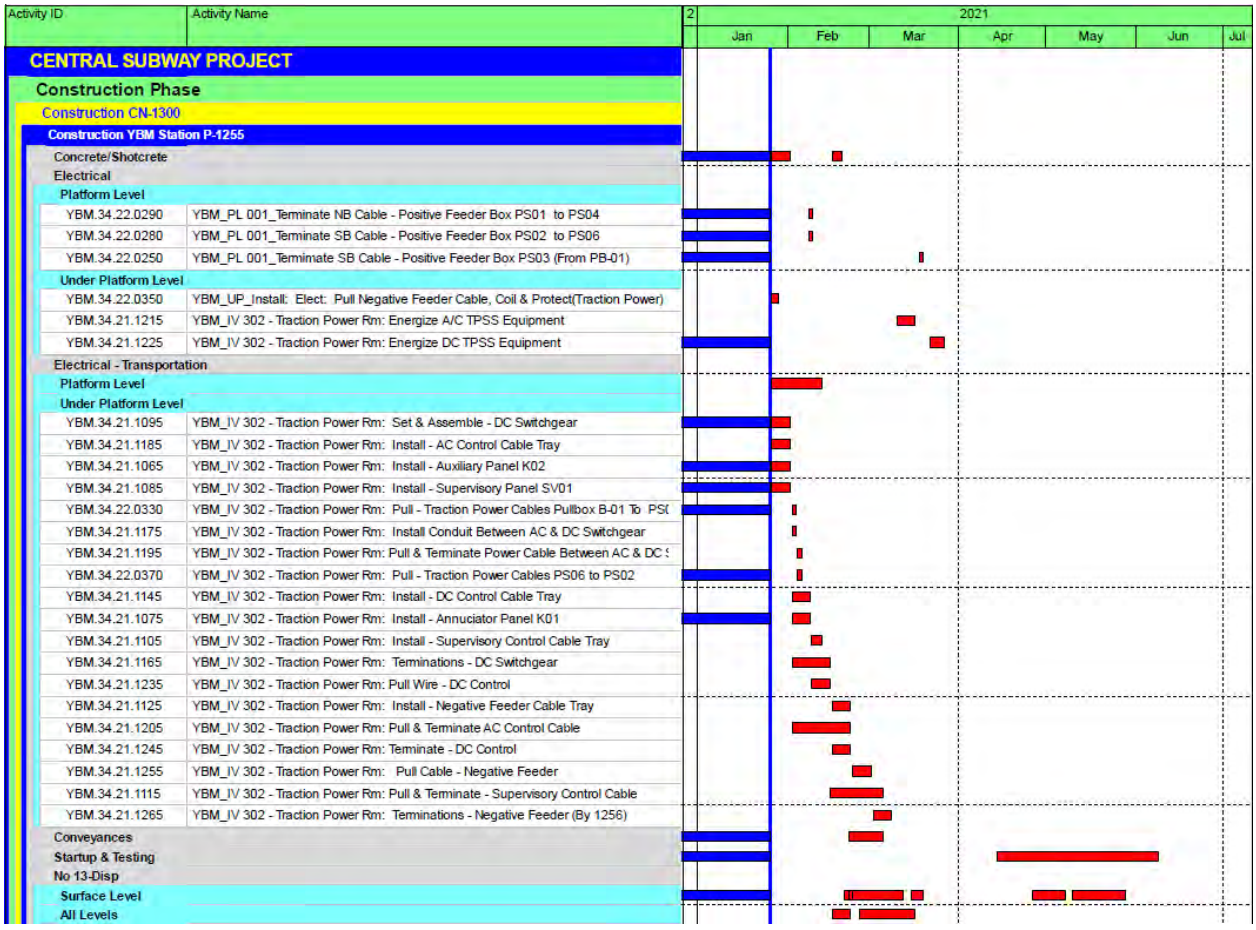
- Start painting at Corridor CN34.
- Start Installation of Gates at Platform Level.
- Continue working on Station Agent Booth (install glass, counters and electrical work.
- Continue Installation of FHCs.
- Continue Installation of Traction Conduits and Traction Pull Boxes.
- Continue Installation of cables for Artwork at Concourse Level (Gizmo).
- Continue Painting Traction Power Conduits at Platform level.



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

- Completed Installing Handrails at Ingress/Egress Stair 7
- Continued installing doors and Hardware's
- Continued work interior finishes Concourse Levels within Station Box

- Completed Rough in FSD's and FA-Pull fire alarm wire at platform
- Continued installation of Elevators 3 and 4
- Completed Installing Precast pavers at Plaza area at Surface level.
- Completed (98%) installation of Ceiling metal panels at Headhouse roof
- Started Align and bolt down Traction Power gear and Install bus duct at TP room.
- Continued installing Platform Kiosks
- Continued installing Kiosks at concourse
- Continued installing Station Agent Booth
- Completed 95% FA system
- Complete Systems Start up and Acceptance Testing (Completed FA Test, FSS Scada test and Fan Dumper Control Panel Sit Test)
- Completed 60% AT&T – Pull in wires to all building levels. Set trim and terminate devices (Completed 4 pull wires at elevator and 2 pull in wires at blue light)



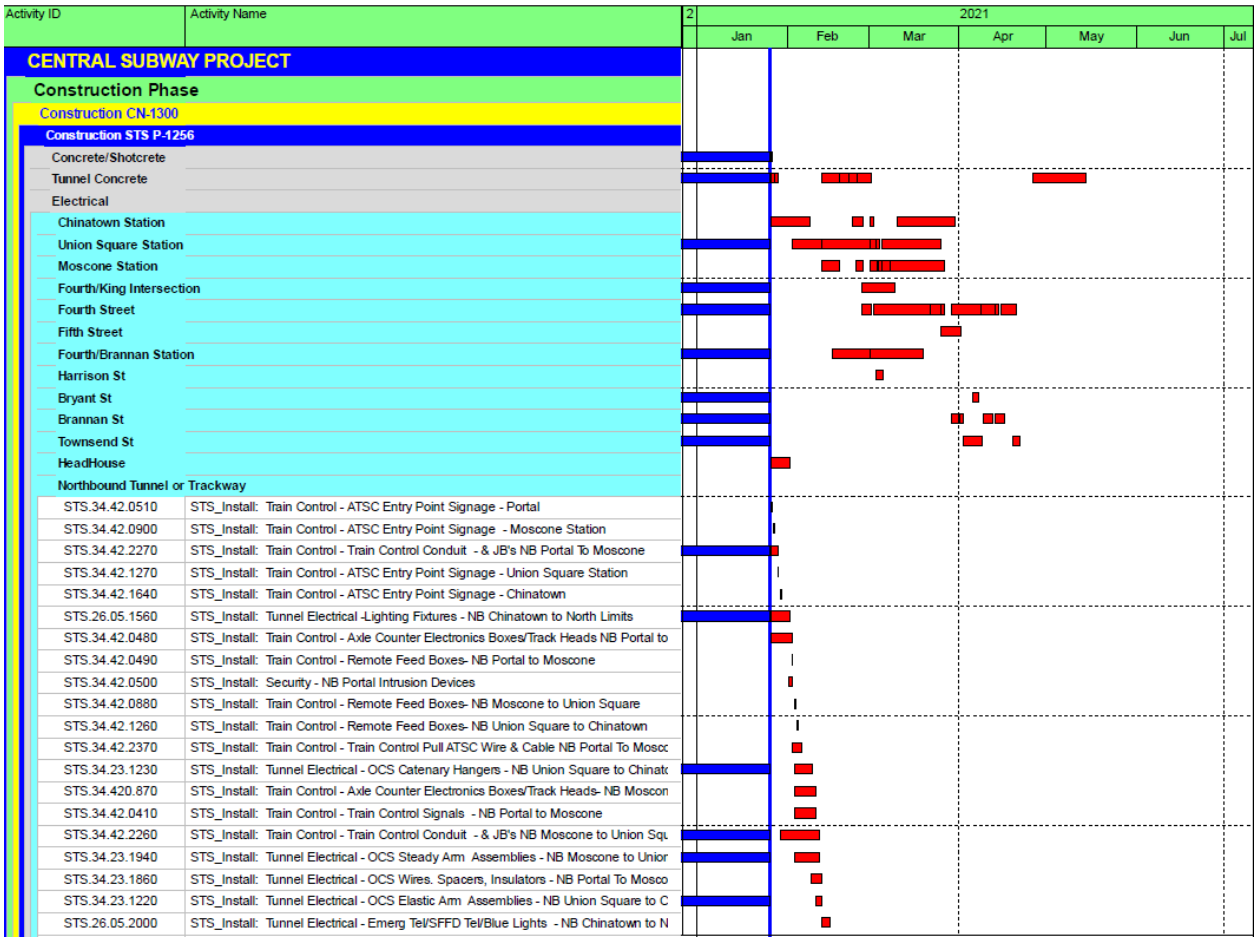
Work Package P-1256 (STS) has performed the following work this month:

- Continued 4th/Brannan platform construction
- Continued traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical power

- Continued traction power cable installation, terminations, and installation of cross bonds throughout the tunnel.
- Continued OCS hanger installation and installation of OCS risers throughout the tunnel
- Continued installation of ATCS and radio system
- Continued fiber system installation and terminations in comm rooms (SFDT)
- Started FDC installation near 4th St. portal
- Completed track switch machine installation at CTS DXO cavern

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

- Continue 4th/Brannan platform construction
- Continue surface signaling work on 4th St.
- Continue traction power conduit and other electrical conduit installation inside tunnel for CCTV, telephone, tunnel lighting, and tunnel electrical
- Continue traction power cable testing, installation and terminations
- Continue tunnel lighting, mini power, OCS hanger, ATCS, and radio system installation
- Continue fiber system installation and terminations in comm rooms (SFDT)
- Continue FDC installation near 4th St. portal



SCHEDULE REVISIONS

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

LIST OF SCHEDULE REPORTS

1.1. Schedule Contingency Drawdown
1.2. Master Summary Schedule
1.3. Program Critical Path Schedule
1.4. Construction Contract Summary Schedule
1.5. Detail Schedule for Remaining Work

central T subway

CENTRAL SUBWAY PROJECT
Schedule Contingency Drawdown

January 2021

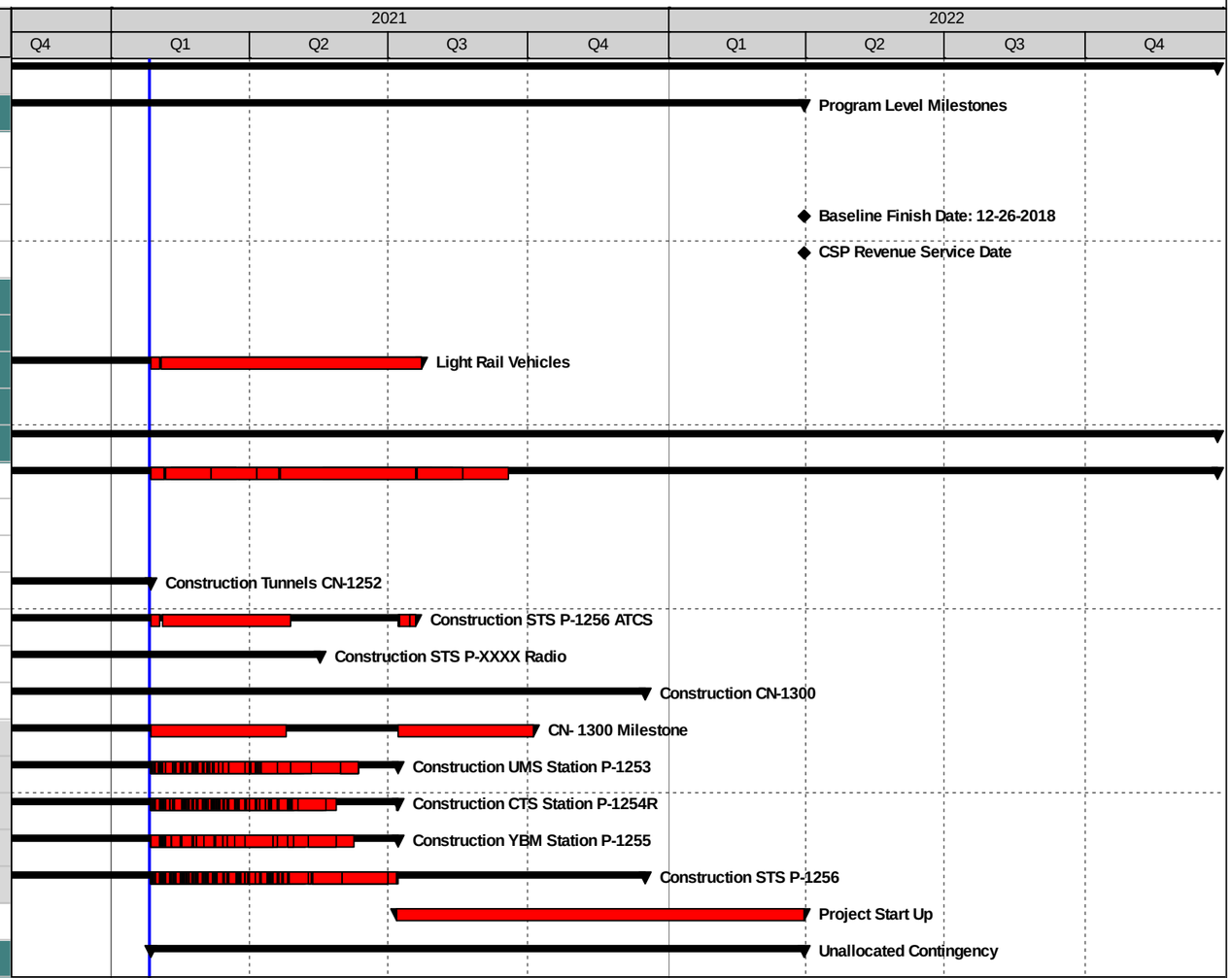
Minimum Schedule Contingency
Series3
Series4

Schedule Float (Months)

HP 1a - Tunnel Design Complete
HP 1b - UMS Design
HP 1c - FFGA by FTA
HP 2 - CTS/UMS Construction
HP 3 - Tunnel Demob. Complete
HP 4 - Stations to Platform Level
HP 5 - Tunnels/Systems Complete

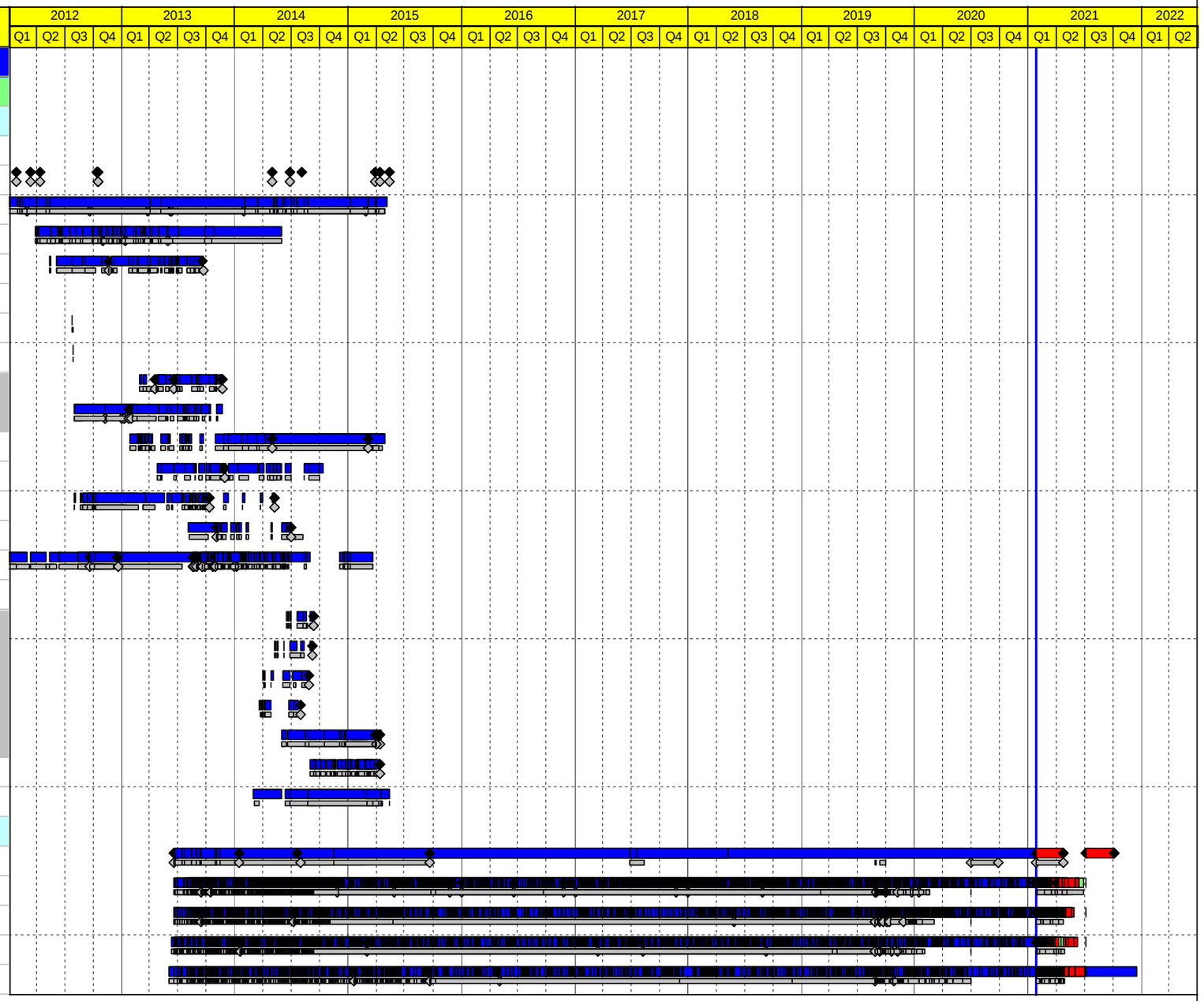
(3.2) contingency deficiency
(16.8) contingency deficiency
(18) contingency deficiency

Activity ID	Activity Name	Original Duration	Start	Finish
CENTRAL SUBWAY PROJECT		5103	03-Jun-03 A	26-Dec-22
Program Level Milestones		5202	03-Jun-03 A	31-Mar-22
PJD1000	Central Subway Project Start	0	03-Jun-03 A	
MS0004A	Tunnel Excavation Complete - Project Milestone #4A	0		05-Sep-14 A
MS0019	Baseline Finish Date: 12-26-2018	0		31-Mar-22*
MS0009	CSP Revenue Service Date	0		31-Mar-22*
Preliminary Engineering Phase		2661	03-Jun-03 A	07-Jan-10 A
Final Design		1811	08-Jan-10 A	17-Jun-13 A
Light Rail Vehicles		3021	15-Apr-13 A	22-Jul-21
Real Estate		3130	01-Aug-08 A	02-Jan-14 A
Construction Phase		3384	04-Jan-10 A	26-Dec-22
Construction Support and Costs		4005	04-Jan-10 A	26-Dec-22
Construction Utility Contract #1- MOS & Portal CN-1250		505	04-Jan-10 A	23-May-11 A
Construction Utility Contract #2 - UMS CN-1251		643	12-Jan-11 A	15-Oct-12 A
Construction Tunnels CN-1252		1518	08-Jun-11 A	26-Jan-21
Construction STS P-1256 ATCS		1825	20-May-14 A	19-Jul-21
Construction STS P-XXXX Radio		195	27-Aug-19 A	17-May-21
Construction CN-1300		2164	03-Jun-13 A	17-Dec-21
CN- 1300 Milestone		2164	17-Jun-13 A	04-Oct-21
Construction UMS Station P-1253		2101	17-Jun-13 A	07-Jul-21
Construction CTS Station P-1254R		2101	17-Jun-13 A	07-Jul-21
Construction YBM Station P-1255		2101	10-Jun-13 A	07-Jul-21
Construction STS P-1256		2101	03-Jun-13 A	17-Dec-21
Project Start Up		267	06-Jul-21	31-Mar-22
Unallocated Contingency		298	26-Jan-21	30-Mar-22

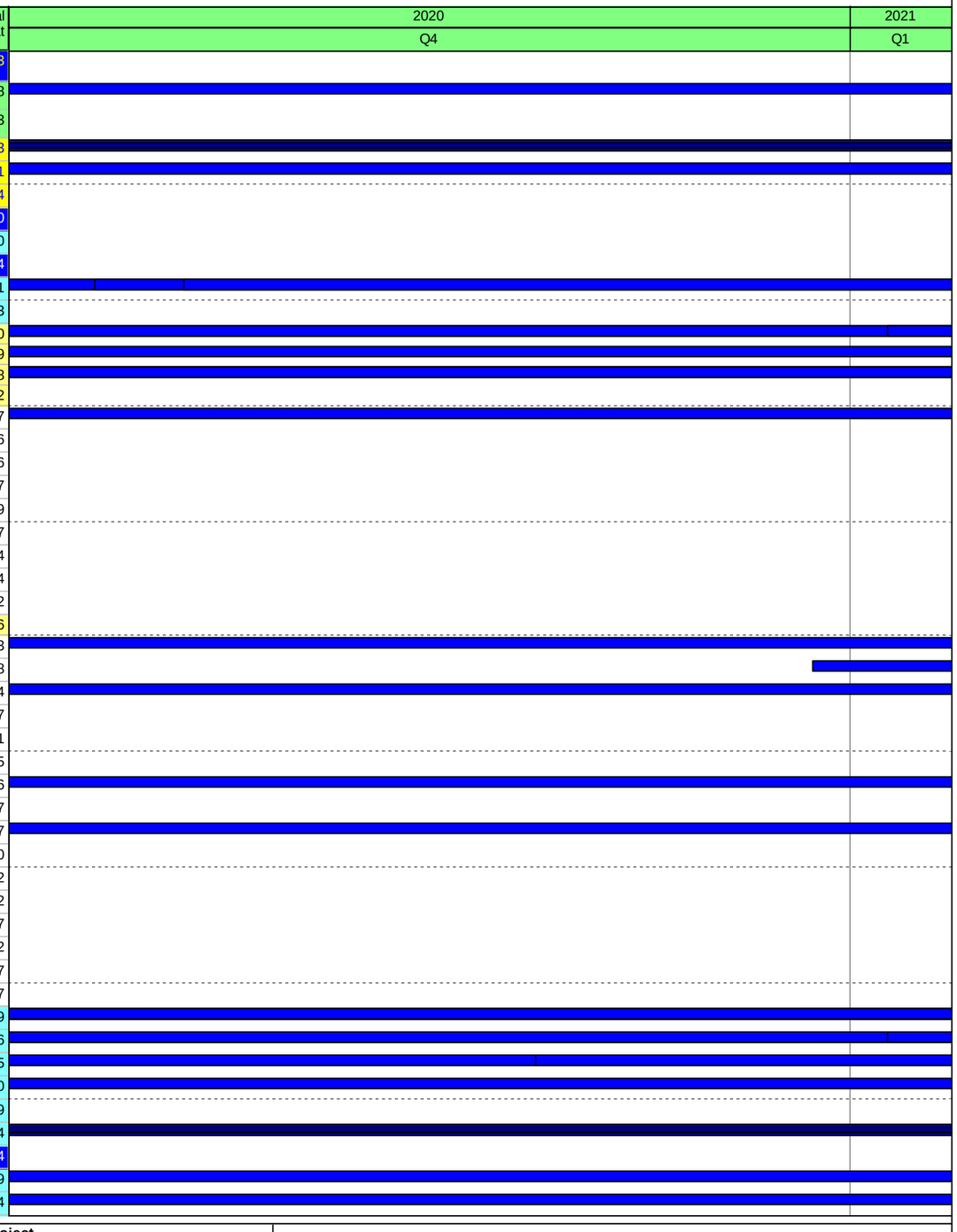


Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Program Level Milestones		**0**	**31-Mar-22**	**31-Mar-22**	**-461**
MS0019	Baseline Finish Date: 12-26-2018	0		31-Mar-22*	-461
MS0009	CSP Revenue Service Date	0		31-Mar-22*	-461
CN- 1300 Milestone		**0**	**06-Jul-21**	**06-Jul-21**	**-672**
MS-10	Substantial Completion - 1,700 Calendar Days (SP-4.B) { 10-Feb-18 }	0		06-Jul-21*	-672
Construction STS P-1256		**540**	**13-May-19 A**	**06-Jul-21**	**-480**
STS.34.23.1800	STS_Install: Tunnel Electrical - OCS Catenary Hangers - In NB Portal	3	20-May-20 A	26-Jan-21	-476
STS.34.23.0460	STS_Install: Tunnel Electrical - OCS Catenary Hangers - NB Portal To Moscone	5	30-Sep-19 A	28-Jan-21	-476
STS.34.23.1970	STS_Install: Tunnel Electrical - OCS Steady Arm Assemblies - In NB Portal	5	27-Jan-21	02-Feb-21	-476
STS.34.23.1930	STS_Install: Tunnel Electrical - OCS Steady Arm Assemblies - NB Portal To Moscone	7	08-Sep-20 A	08-Feb-21	-476
STS.34.23.1830	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - In NB Portal	4	03-Feb-21	08-Feb-21	-476
STS.34.23.1860	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Portal To Moscor	4	09-Feb-21	12-Feb-21	-476
STS.34.23.1850	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Moscone to Unio	6	15-Feb-21	22-Feb-21	-476
STS.34.23.1870	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Union Square to (	8	23-Feb-21	04-Mar-21	-476
STS.34.22.2900	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB03 To N	8	04-May-20 A	10-Mar-21	-476
STS.34.22.3090	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB03 To NB01	2	09-Nov-20 A	12-Mar-21	-476
STS.34.22.3280	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - NB Portal Pull B	5	15-Mar-21	19-Mar-21	-476
STS.34.22.2910	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-05 To PFCB I	1	01-Jun-20 A	22-Mar-21	-476
STS.34.22.2920	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB10 To N	7	04-May-20 A	25-Mar-21	-476
STS.34.22.3070	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-04 To PFCB NB11	1	26-Mar-21	26-Mar-21	-476
STS.34.22.3080	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB05 To NB04	3	08-Dec-20 A	30-Mar-21	-476
STS.34.22.3100	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-05 To PFCB NB1(	1	31-Mar-21	31-Mar-21	-476
STS.34.22.3110	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB10 To NB06	1	01-Apr-21	01-Apr-21	-476
STS.34.22.2860	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB18 To N	15	08-Jun-20 A	07-Apr-21	-476
STS.34.22.2870	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB12 To F	2	08-Apr-21	09-Apr-21	-476
STS.34.22.2850	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-10 To PFCB I	2	05-Oct-20 A	12-Apr-21	-476
STS.34.22.3040	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-10 To PFCB NB1	1	13-Apr-21	13-Apr-21	-476
STS.34.22.3050	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB18 To NB12	3	14-Dec-20 A	14-Apr-21	-476
STS.34.22.3060	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB12 To PS-0	1	07-Dec-20 A	15-Apr-21	-476
STS.34.22.2840	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB19 To F	2	05-Oct-20 A	16-Apr-21	-476
STS.34.22.3030	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB19 To PS-0(	1	04-Jan-21 A	19-Apr-21	-476
STS.34.42.0390	STS_Install: Train Control - Train Control Cable Loop System NB Portal To Moscone	4	13-May-19 A	22-Apr-21	-476
STS.34.42.0770	STS_Install: Train Control - Train Control Cable Loop System NB Moscone to Union Sc	13	20-Apr-21	06-May-21	-476
STS.34.42.1150	STS_Install: Train Control - Train Control Cable Loop System NB Union Square to Chir	14	20-Apr-21	07-May-21	-476
STS.34.42.1520	STS_Install: Train Control - Train Control Cable Loop System NB Chinatown to North L	2	10-May-21	11-May-21	-476
STS.34.42.425	Startup & Testing - Tunnel & ATSC Systems	40	12-May-21	06-Jul-21	-476
Project Start Up		**267**	**06-Jul-21**	**31-Mar-22**	**-670**
STU1010	S&S Certification / Pre-Revenue Activities	185	06-Jul-21	30-Mar-22	-461
BUF0018	Muni Float	0	31-Mar-22	31-Mar-22	-461

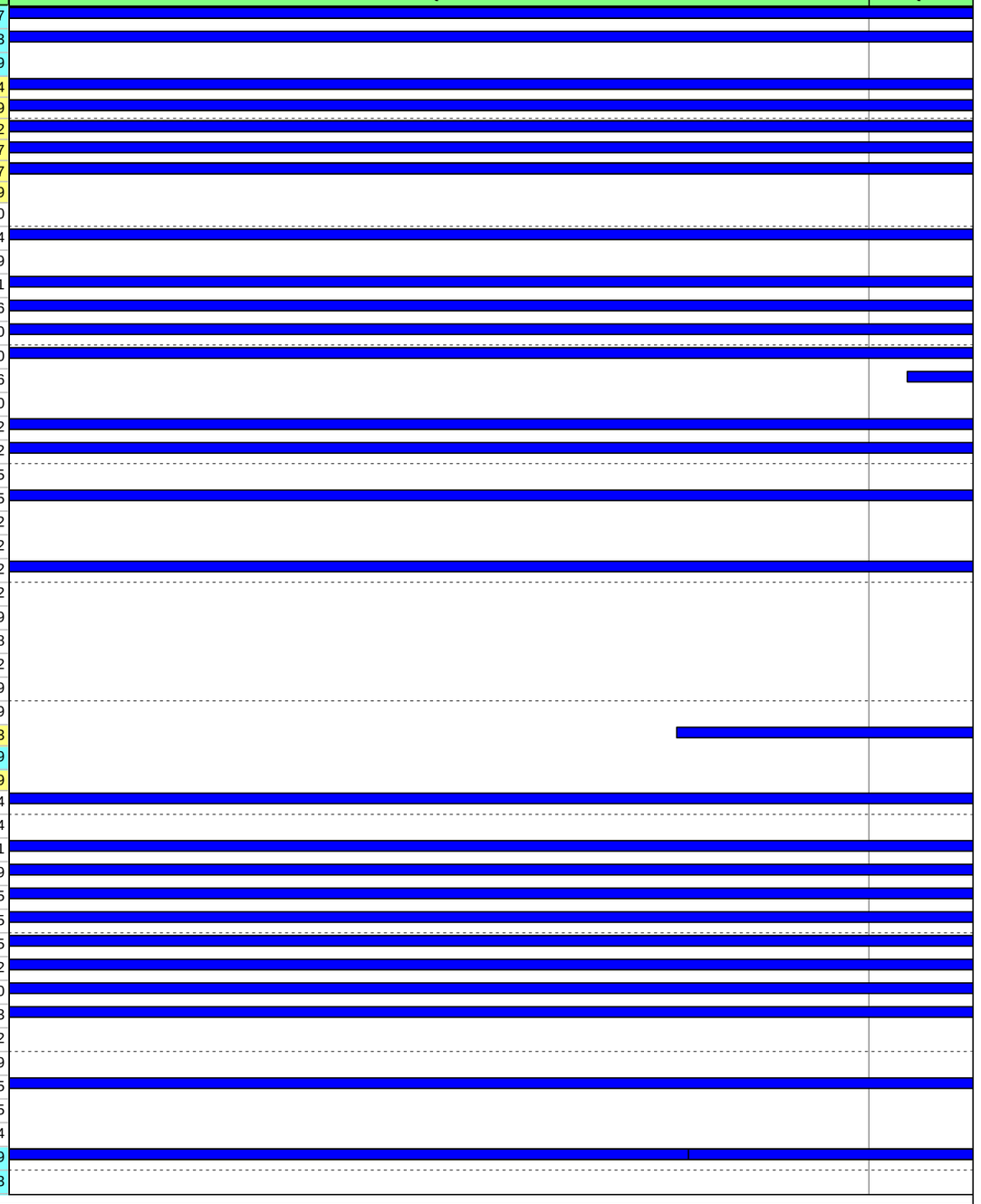
Activity Name	Original Duration	Start	Finish
CENTRAL SUBWAY PROJECT	2692	08-Jun-11 A	17-Dec-21
Construction Phase	2692	08-Jun-11 A	17-Dec-21
Construction Tunnels CN-1252	1518	08-Jun-11 A	15-May-15 A
1252 Tunnel Contract BIH	1518	08-Jun-11 A	15-May-15 A
Contract Milestones	1437	08-Jun-11 A	15-May-15 A
General Conditions	1480	01-Aug-11 A	15-May-15 A
4th & Bryant St TBM Launch Box Construction	686	30-Mar-12 A	02-Jun-14 A
Moscone Station Headwalls	430	14-May-12 A	20-Sep-13 A
UMS Station Headwalls	425	24-Jul-12 A	22-Nov-13 A
UMS - Remove Geary to Ellis OCS	5	24-Jul-12 A	26-Jul-12 A
UMS - Setup Traffic Control for Headwall Construction	1	30-Jul-12 A	30-Jul-12 A
North Headwall	237	27-Feb-13 A	22-Nov-13 A
South Headwall	404	31-Jul-12 A	22-Nov-13 A
4th St and Market Compensation Grouting	707	28-Jan-13 A	30-Apr-15 A
Southbound Tunneling	451	27-Apr-13 A	13-Oct-14 A
Ellis St Compensation Grouting	561	31-Jul-12 A	09-May-14 A
Green St Compensation Grouting	320	05-Aug-13 A	30-Jun-14 A
Retrieval Shaft	1070	31-Oct-11 A	20-Mar-15 A
Cross Passage 1-5	339	22-Mar-14 A	16-Apr-15 A
Cross Passage 1	79	14-Jun-14 A	13-Sep-14 A
Cross Passage 2	105	10-May-14 A	09-Sep-14 A
Cross Passage 3	127	31-Mar-14 A	28-Aug-14 A
Cross Passage 4	114	22-Mar-14 A	31-Jul-14 A
Cross Passage 5	277	31-May-14 A	16-Apr-15 A
Portal Structure	196	02-Sep-14 A	15-Apr-15 A
Contract Close Out	307	03-Mar-14 A	15-May-15 A
Construction CN-1300	2164	03-Jun-13 A	17-Dec-21
CN- 1300 Milestone	2164	17-Jun-13 A	04-Oct-21
Construction UMS Station P-1253	2101	17-Jun-13 A	07-Jul-21
Construction CTS Station P-1254R	2101	17-Jun-13 A	07-Jul-21
Construction YBM Station P-1255	2101	10-Jun-13 A	07-Jul-21
Construction STS P-1256	2101	03-Jun-13 A	17-Dec-21



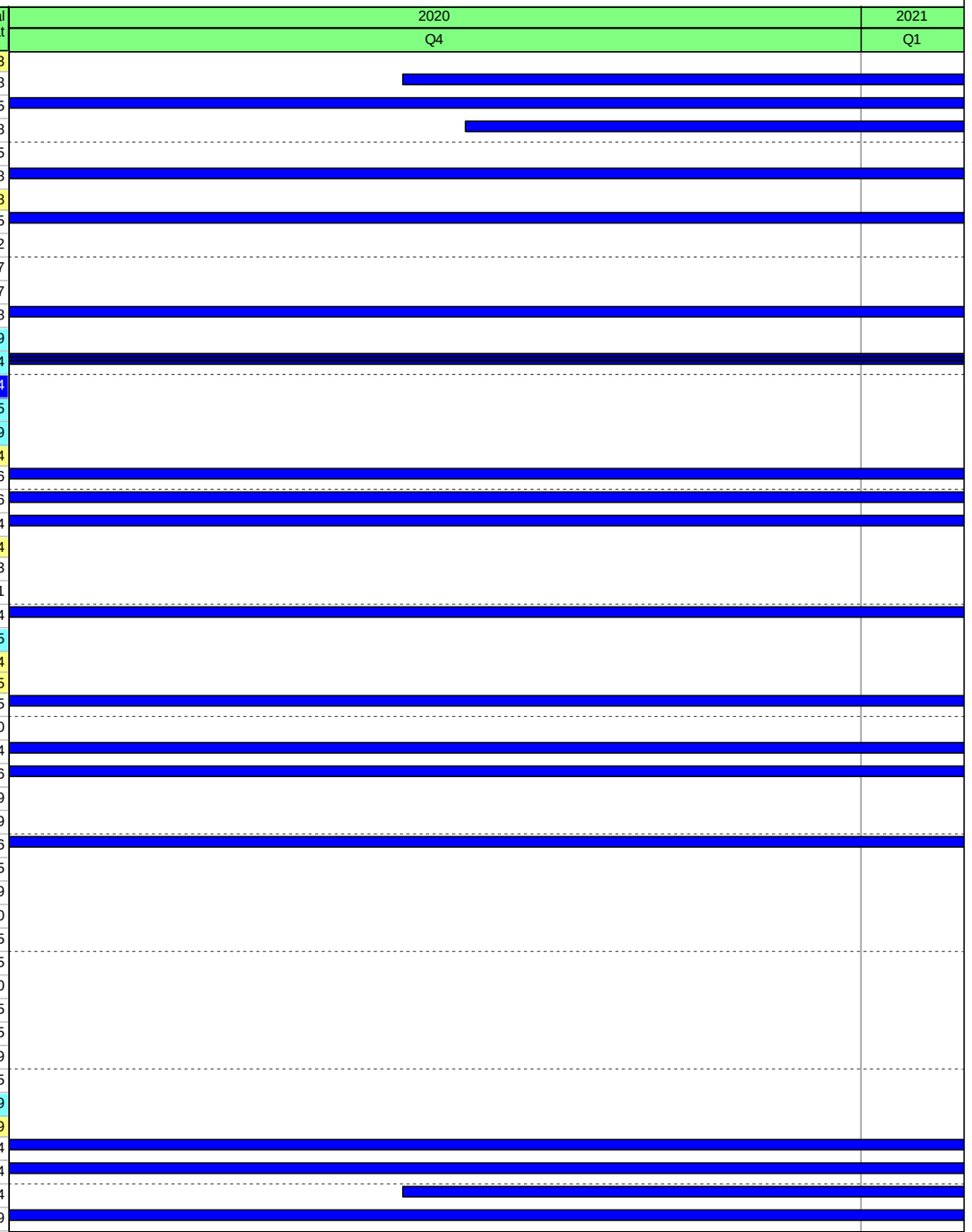
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
CENTRAL SUBWAY PROJECT		3794	04-Jan-10 A	06-Aug-23	153
Light Rail Vehicles		1212	29-Aug-16 A	22-Jul-21	-288
Construction Phase		3794	04-Jan-10 A	06-Aug-23	153
Construction Support and Costs		5314	04-Jan-10 A	06-Aug-23	213
Construction STS P-1256 ATCS		1142	16-May-16 A	19-Jul-21	-211
Construction CN-1300		1950	09-Jan-14 A	06-Jul-21	64
CN- 1300 Milestone		90	26-Jan-21	25-Apr-21	-600
No 13-Disp		90	26-Jan-21	25-Apr-21	-600
Construction UMS Station P-1253		1935	09-Jan-14 A	06-Jul-21	64
Mechanical		289	04-Nov-19 A	15-Apr-21	-431
Electrical		717	10-Jul-17 A	11-Jun-21	-463
Surface Level		191	08-Jun-20 A	05-Apr-21	-410
All Levels		164	29-Jun-20 A	11-Jun-21	-459
Concourse Level		622	08-Jan-18 A	12-Mar-21	-398
Mezzanine Level		612	08-Jan-18 A	05-Apr-21	-412
UMS.28.13.0160	UMS_MZ_Install: Security: Access Control System Mezzanine Level	15	08-Jan-18 A	27-Jan-21	-417
UMS.26.24.4520	UMS_MZ_11 - Aux Elect Rm: Pull Feeder Cable - Elect Panel 3DHL to 4SHL (PL12))	5	27-Jan-21	02-Feb-21	-376
UMS.26.24.4560	UMS_MZ_11 - Aux Elect Rm: Pull Feeder Cable - Elect Panel E3DHL To UE4SHL (PL12)	5	27-Jan-21	02-Feb-21	-376
UMS.26.24.4550	UMS_MZ_11 - Aux Elect Rm: Pull Feeder Cable - Elect Panel 3DHP4 To Esc 4-6	3	01-Feb-21	03-Feb-21	-407
UMS.34.05.0290	UMS_MZ Install Feeder Conduit: - NB Positive Feeder Gap Breaker Rm to PB-1 (Traction Power)	5	29-Jan-21	04-Feb-21	-439
UMS.26.24.2540	UMS_MZ_11 - Aux Elect Rm: Terminations - Elect Panel LCP-M	2	16-Feb-21	17-Feb-21	-387
UMS.34.05.0330	UMS_MZ Install Feeder Conduit: - SB Positive Feeder Gap Breaker Rm to PB-4 (Traction Power)	5	12-Feb-21	18-Feb-21	-444
UMS.34.05.0320	UMS_MZ Install Feeder Conduit: - NB Positive Feeder Gap Breaker Rm to PB-3 (Traction Power)	5	12-Feb-21	18-Feb-21	-444
UMS.28.31.9620	UMS_MZ_Safety & Security - Testing - Fire Alarm System Mezzanine Level	2	02-Apr-21	05-Apr-21	-412
Platform Level		670	10-Jul-17 A	07-Apr-21	-416
UMS.26.24.2880	UMS_PL 04 - Aux Elect Rm: Install Raceway - Panelboard UE4NHL	2	17-Jul-17 A	28-Jan-21	-373
UMS.34.05.0340	UMS_MZ_Install Conduit Riser PB-1 to NB Feeder Boxes PS01 (Traction Power)	5	29-Dec-20 A	10-Feb-21	-438
UMS.10.14.0290	UMS_PL Install Platform Level Signage	14	26-May-20 A	12-Feb-21	-414
UMS.34.42.0175	UMS_PL Install Train Control Equipment - TCS/TCU Room	15	27-Jan-21	16-Feb-21	-447
UMS.34.22.0510	UMS_PL_Terminate NB Cable - Positive Feeder Box PS01	2	15-Feb-21	16-Feb-21	-431
UMS.34.22.0450	UMS_PL_Terminate NB Cable Positive Feeder Box PS05	2	19-Feb-21	22-Feb-21	-435
UMS.28.13.0150	UMS_PL_Install: Security: Access Control System Platform Level	15	10-Jul-17 A	23-Feb-21	-396
UMS.34.22.0470	UMS_PL_Terminate SB Cable - Positive Feeder Box PS02	2	23-Feb-21	24-Feb-21	-437
UMS.34.42.175	UMS_PL Install Train Control Raceway - TCS/TCU Room To Trackway Connection	15	06-Aug-18 A	24-Feb-21	-447
UMS.34.22.0430	UMS_PL_Terminate SB Cable - Positive Feeder Box PS03	2	26-Feb-21	01-Mar-21	-440
UMS.34.22.0490	UMS_PL_Terminate SB Cable - Positive Feeder Box PS06	2	02-Mar-21	03-Mar-21	-442
UMS.34.22.0520	UMS_PL_Terminate NB Cable - Positive Feeder Box PS04	2	02-Mar-21	03-Mar-21	-442
UMS.34.42.185	UMS_PL Install Train Control Cable - TCS/TCU Room To Trackway Connection	15	25-Feb-21	17-Mar-21	-447
UMS.28.31.9630	UMS_PL_Safety & Security - Testing - Fire Alarm System Platform Level	2	06-Apr-21	07-Apr-21	-412
UMS.34.42.195	UMS_PL Train Control Terminations - TCS/TCU Room To Trackway Connection	15	18-Mar-21	07-Apr-21	-447
UMS.34.42.205	UMS_PL Train Control Room - Energize Panels	5	01-Apr-21	07-Apr-21	-447
Electrical - Transportation		633	29-Mar-18 A	02-Apr-21	-449
Architectual Finishes		330	02-Apr-20 A	27-Apr-21	-436
Conveyances		257	26-Mar-20 A	12-Apr-21	-415
Stairs		5	07-Sep-20 A	31-Mar-21	-450
Startup & Testing		40	19-Apr-21	11-Jun-21	-459
No 13-Disp		1888	09-Jan-14 A	06-Jul-21	64
Construction CTS Station P-1254R		1925	10-Jul-14 A	06-Jul-21	64
Site Work / Utility Relocation		384	16-Sep-19 A	30-Apr-21	-429
Concrete/Shotcrete		5	06-Jul-20 A	26-Mar-21	-404



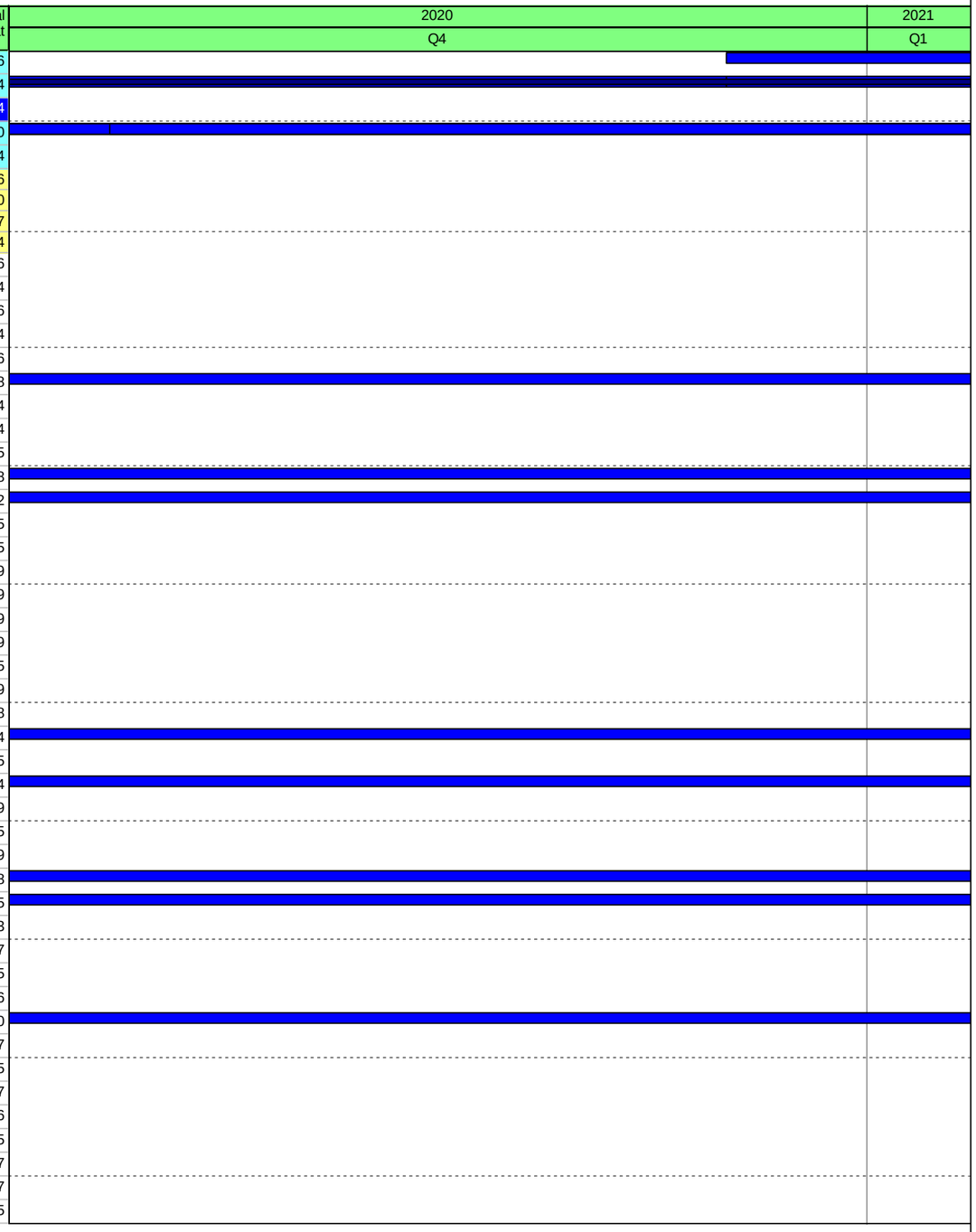
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Mechanical		571	05-Mar-18 A	31-Mar-21	-407
Misc Metal		137	03-Aug-20 A	25-Feb-21	-383
Electrical		581	07-May-18 A	30-Apr-21	-429
Entrance Roof Level		119	29-Jun-20 A	16-Feb-21	-414
Surface Level		328	07-Oct-19 A	30-Apr-21	-429
Upper Mezz Level		428	08-Jul-19 A	14-Apr-21	-432
Lower Mezz Level		320	01-Oct-19 A	07-Apr-21	-417
Concourse Level		559	08-Oct-18 A	24-Mar-21	-417
Platform Level		573	07-May-18 A	02-Apr-21	-409
CTS.26.50.200	CTS_PL 17 - Corridor: Install - Conduit & Devices for Lighting	2	26-Jan-21	27-Jan-21	-430
CTS.26.50.250	CTS_PL 12 - Train Control Rm: Install - Conduit Back To LMZ Control Rm	4	28-Oct-19 A	29-Jan-21	-394
CTS.26.50.290	CTS_PL 16 - TP Substation Rm: Install - Conduit & Boxes for Light Switches\Sensors	4	26-Jan-21	29-Jan-21	-409
CTS.28.31.131	CTS_PL 09 - Aux Comm Rm: Install - Fire Alarm Control Panel - Sector 3	5	07-May-18 A	02-Feb-21	-411
CTS.28.31.142	CTS_PL 09 - Aux Comm Rm: Install - Fire Alarm Terminal Cabinet - Sector 3	4	05-Nov-19 A	02-Feb-21	-406
CTS.28.31.132	CTS_PL 17 - Corridor - Install - Fire Alarm Clean Agent Control Panel	5	28-Feb-20 A	03-Feb-21	-430
CTS.28.31.133	CTS_PL 17 - Corridor - Install - Fire Alarm Preaction Cabinet	5	06-Mar-20 A	10-Feb-21	-430
CTS.26.50.1115	CTS_PL 09 - Aux Comm Rm: Wire Pulls to - Fire Alarm Cabinets	10	04-Jan-21 A	16-Feb-21	-406
CTS.28.20.525	CTS_PL 09 - Aux Comm Rm: Install - Telephone Rack Cabinet - Sector 3	5	16-Feb-21	22-Feb-21	-410
CTS.26.50.460	CTS_PL 08 - Mens Restroom: Install - Conduit & Boxes For Light Fixtures	5	11-Nov-19 A	22-Feb-21	-442
CTS.26.50.455	CTS_PL 07 - Womens Restroom: Install - Conduit & Boxes For Light Fixtures	5	11-Nov-19 A	22-Feb-21	-442
CTS.26.11.915	CTS_PL 18 - Main Elect Rm:Wire Pulls - Riser In Chase @ Col 2.0 To Surface	5	16-Feb-21	22-Feb-21	-425
CTS.26.50.1125	CTS_PL 09 - Aux Comm Rm: Wire Pulls to -CCTV Cabinet	10	12-Oct-20 A	01-Mar-21	-415
CTS.26.50.470	CTS_PL 08 - Mens Restroom: Pull Wire & Set Light Fixtures	5	23-Feb-21	01-Mar-21	-442
CTS.26.50.465	CTS_PL 07 - Womens Restroom: Pull Wire & Set Light Fixtures	5	23-Feb-21	01-Mar-21	-442
CTS.26.50.205	CTS_PL 14 - Emerg Equip Rm: Install - Alarms & Access Card Readers	5	08-Jul-19 A	03-Mar-21	-392
CTS.26.24.925	CTS_PL 21 - Aux Elect Rm: Energize Panels - Sector 3	1	03-Mar-21	03-Mar-21	-432
CTS.26.50.480	CTS_PL 08 - Mens Restroom: Install - Electric Light Fixtures	5	02-Mar-21	08-Mar-21	-439
CTS.26.50.475	CTS_PL 07 - Womens Restroom: Install - Electric Light Fixtures	5	02-Mar-21	08-Mar-21	-438
CTS.26.50.270	CTS_PL 14 - Emerg Equip Rm: Install - Lighting	5	04-Mar-21	10-Mar-21	-392
CTS.34.21.915	CTS_PL 18 - Main Elect Rm: Energize A/C TPSS Equipment	5	22-Mar-21	26-Mar-21	-449
CTS.34.21.935	CTS_PL 18 - Main Elect Rm: Energize DC TPSS Equipment	5	29-Mar-21	02-Apr-21	-449
Under Platform Level		3	17-Dec-20 A	04-Feb-21	-423
Electrical - Transportation		372	21-Oct-19 A	19-Mar-21	-439
Platform Level		372	21-Oct-19 A	19-Mar-21	-439
CTS.34.21.223	CTS_PL 15 - Traction Power Rm: Install Conduit Between AC & DC Switchgear	2	11-May-20 A	27-Jan-21	-414
CTS.34.21.233	CTS_PL 15 - Traction Power Rm: Pull & Terminate Power Cable Between AC & DC Switchgear	2	28-Jan-21	29-Jan-21	-414
CTS.34.21.115	CTS_PL 15 - Traction Power Rm: Install - Ceiling Mounted Pull Box #2	4	16-Dec-19 A	29-Jan-21	-421
CTS.34.21.127	CTS_PL 15 - Traction Power Rm: Install - AC Control Cable Tray	5	04-May-20 A	01-Feb-21	-429
CTS.34.21.133	CTS_PL 15 - Traction Power Rm: Install - Auxiliary Panel K02	5	21-Oct-19 A	01-Feb-21	-425
CTS.34.21.143	CTS_PL 15 - Traction Power Rm: Install - Annuciator Panel K01	5	21-Oct-19 A	01-Feb-21	-425
CTS.34.21.153	CTS_PL 15 - Traction Power Rm: Install - Supervisory Panel SV01	5	21-Oct-19 A	01-Feb-21	-425
CTS.34.21.112	CTS_PL 15 - Traction Power Rm: Install - Positive Feeder Cable Tray & Conduit To PB01 & PB02	5	21-May-20 A	01-Feb-21	-422
CTS.34.21.113	CTS_PL 15 - Traction Power Rm: Install - DC Control Cable Tray	5	21-May-20 A	01-Feb-21	-420
CTS.34.21.114	CTS_PL 15 - Traction Power Rm: Install - Negative Feeder Cable Tray	5	21-May-20 A	01-Feb-21	-423
CTS.34.22.270	CTS_PL 15 - Traction Power Rm: Pull - Traction Power Cables To PB02 To (PS01 & PS02)	2	20-Jan-21 A	03-Feb-21	-422
CTS.34.21.243	CTS_PL 15 - Traction Power Rm: Pull & Terminate AC Control Cable	14	02-Feb-21	19-Feb-21	-429
CTS.34.21.163	CTS_PL 15 - Traction Power Rm: Install - Supervisory Control Cable Tray	5	22-May-20 A	22-Feb-21	-435
CTS.34.21.925	CTS_PL 15 - Traction Power Rm: Pull & Terminate - Supervisory Control Cable	15	23-Feb-21	15-Mar-21	-435
CTS.34.21.213	CTS_PL 15 - Traction Power Rm: Terminations - DC Switchgear	10	08-Mar-21	19-Mar-21	-444
Architectual Finishes		506	06-May-19 A	30-Apr-21	-429
Conveyances		221	20-Apr-20 A	15-Apr-21	-443



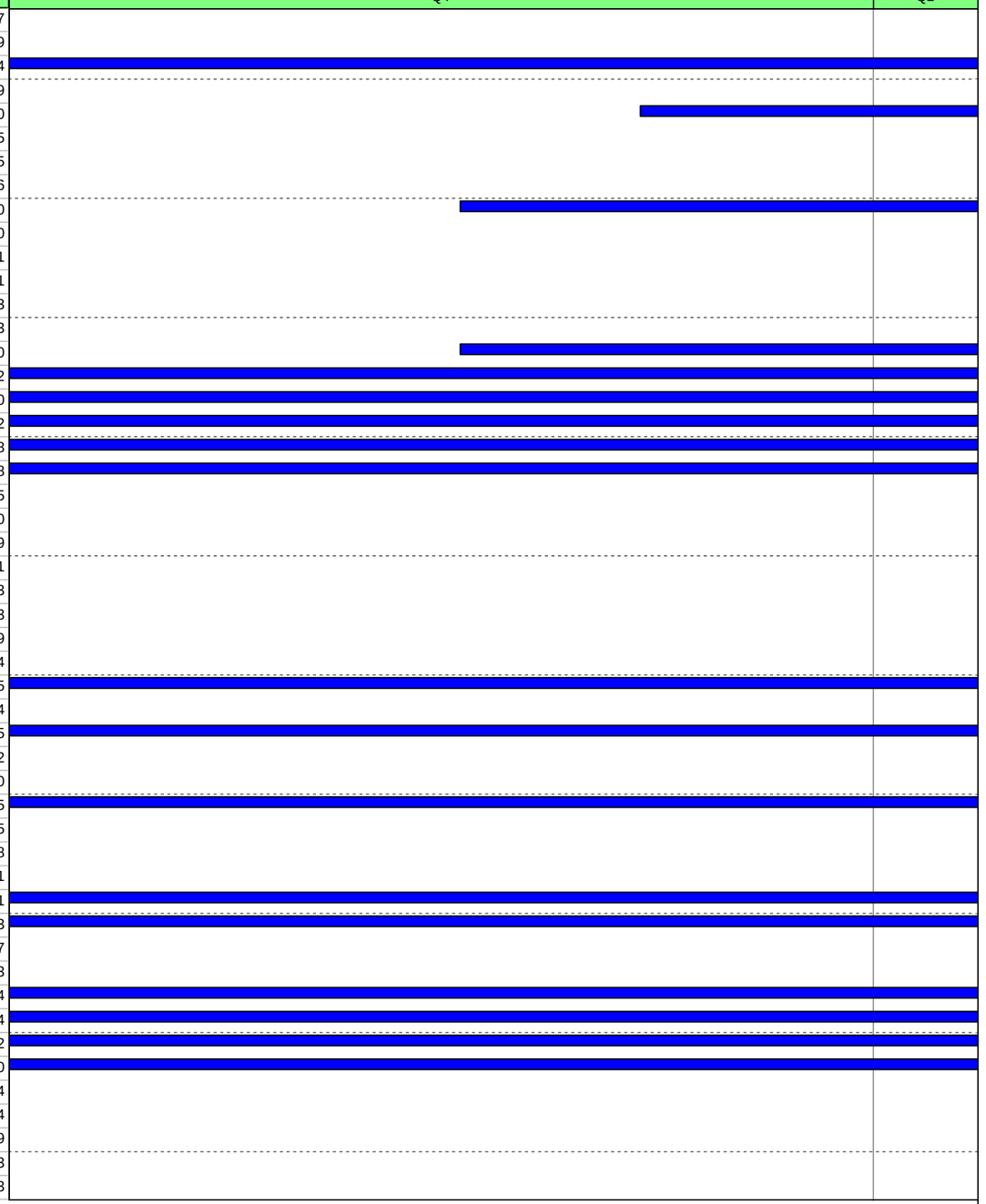
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Concourse Level		200	20-Apr-20 A	15-Apr-21	-443
CTS.14.31.485	Install Escalator #3 Electrical (Concourse to Upper Mezz)	8	26-Nov-20 A	04-Feb-21	-398
CTS.08.44.580	Install Elevators 1 & 2 Glass Enclosure - Crosscut Concourse Level	9	10-Aug-20 A	15-Feb-21	-405
CTS.14.31.495	Install Escalator #4 Electrical (Concourse to Upper Mezz)	10	01-Dec-20 A	18-Feb-21	-398
CTS.14.31.505	Startup & Inspect Escalators 3&4 (Concourse to Upper Mezz)	5	16-Feb-21	22-Feb-21	-405
CTS.14.21.385	CTS_CN 03 Install Traction Elevator #4 (Concourse Level to Surface)	40	20-Apr-20 A	15-Apr-21	-448
Platform Level		221	20-Apr-20 A	15-Apr-21	-448
CTS.08.44.265	CTS_PL Install Elevators 1 & 2 Glass Enclosure - Crosscut Platform Level	9	06-Jul-20 A	15-Feb-21	-405
CTS.14.31.445	CTS_PL_Start-Up & Test Escalators 1&2	5	25-Feb-21	03-Mar-21	-412
CTS.14.24.295	CTS-PL 05:Inspections - Elevators 1&2	1	18-Mar-21	18-Mar-21	-427
CTS.14.24.285	CTS-PL 05: Startup & Test Elevators 1&2	4	18-Mar-21	23-Mar-21	-427
CTS.14.21.245	Install Traction Elevator #3 (Platform Level to Surface)	40	20-Apr-20 A	15-Apr-21	-448
Startup & Testing		30	19-Apr-21	28-May-21	-449
No 13-Disp		1895	10-Jul-14 A	06-Jul-21	64
Construction YBM Station P-1255		1896	10-Jul-14 A	06-Jul-21	54
Concrete/Shotcrete		5	26-Jan-21	01-Feb-21	-415
Electrical		132	07-Sep-20 A	26-Mar-21	-449
Platform Level		67	09-Sep-20 A	19-Mar-21	-444
YBM.34.22.0290	YBM_PL 001_Terminate NB Cable - Positive Feeder Box PS01 to PS04	2	14-Oct-20 A	09-Feb-21	-416
YBM.34.22.0280	YBM_PL 001_Terminate SB Cable - Positive Feeder Box PS02 to PS06	2	09-Sep-20 A	09-Feb-21	-416
YBM.34.22.0250	YBM_PL 001_Termimate SB Cable - Positive Feeder Box PS03 (From PB-01)	2	02-Oct-20 A	19-Mar-21	-444
Under Platform Level		106	07-Sep-20 A	26-Mar-21	-444
YBM.34.22.0350	YBM_UP_Install: Elect: Pull Negative Feeder Cable, Coil & Protect(Traction Power)	3	26-Jan-21	28-Jan-21	-413
YBM.34.21.1215	YBM_IV 302 - Traction Power Rm: Energize A/C TPSS Equipment	5	10-Mar-21	16-Mar-21	-441
YBM.34.21.1225	YBM_IV 302 - Traction Power Rm: Energize DC TPSS Equipment	5	07-Sep-20 A	26-Mar-21	-444
Electrical - Transportation		474	28-May-19 A	08-Mar-21	-435
Platform Level		14	26-Jan-21	12-Feb-21	-414
Under Platform Level		467	28-May-19 A	08-Mar-21	-435
YBM.34.21.1095	YBM_IV 302 - Traction Power Rm: Set & Assemble - DC Switchgear	15	03-Jun-19 A	01-Feb-21	-445
YBM.34.21.1185	YBM_IV 302 - Traction Power Rm: Install - AC Control Cable Tray	5	26-Jan-21	01-Feb-21	-430
YBM.34.21.1085	YBM_IV 302 - Traction Power Rm: Install - Supervisory Panel SV01	5	28-May-19 A	01-Feb-21	-434
YBM.34.22.0330	YBM_IV 302 - Traction Power Rm: Pull - Traction Power Cables Pullbox B-01 To PS03	2	30-Sep-20 A	03-Feb-21	-416
YBM.34.21.1175	YBM_IV 302 - Traction Power Rm: Install Conduit Between AC & DC Switchgear	2	02-Feb-21	03-Feb-21	-419
YBM.34.21.1195	YBM_IV 302 - Traction Power Rm: Pull & Terminate Power Cable Between AC & DC Switchgear	2	04-Feb-21	05-Feb-21	-419
YBM.34.22.0370	YBM_IV 302 - Traction Power Rm: Pull - Traction Power Cables PS06 to PS02	2	07-Sep-20 A	05-Feb-21	-416
YBM.34.21.1145	YBM_IV 302 - Traction Power Rm: Install - DC Control Cable Tray	5	02-Feb-21	08-Feb-21	-425
YBM.34.21.1105	YBM_IV 302 - Traction Power Rm: Install - Supervisory Control Cable Tray	4	09-Feb-21	12-Feb-21	-439
YBM.34.21.1165	YBM_IV 302 - Traction Power Rm: Terminations - DC Switchgear	10	02-Feb-21	15-Feb-21	-420
YBM.34.21.1235	YBM_IV 302 - Traction Power Rm: Pull Wire - DC Control	5	09-Feb-21	15-Feb-21	-425
YBM.34.21.1125	YBM_IV 302 - Traction Power Rm: Install - Negative Feeder Cable Tray	5	16-Feb-21	22-Feb-21	-435
YBM.34.21.1205	YBM_IV 302 - Traction Power Rm: Pull & Terminate AC Control Cable	15	02-Feb-21	22-Feb-21	-430
YBM.34.21.1245	YBM_IV 302 - Traction Power Rm: Terminate - DC Control	5	16-Feb-21	22-Feb-21	-425
YBM.34.21.1255	YBM_IV 302 - Traction Power Rm: Pull Cable - Negative Feeder	5	23-Feb-21	01-Mar-21	-435
YBM.34.21.1115	YBM_IV 302 - Traction Power Rm: Pull & Terminate - Supervisory Control Cable	15	15-Feb-21	05-Mar-21	-439
YBM.34.21.1265	YBM_IV 302 - Traction Power Rm: Terminations - Negative Feeder (By 1256)	5	02-Mar-21	08-Mar-21	-435
Conveyances		145	13-Apr-20 A	05-Mar-21	-429
All Levels		145	13-Apr-20 A	05-Mar-21	-429
YBM.14.21.125	Startup & Test Elevators #1, 2	5	13-Apr-20 A	26-Feb-21	-424
YBM.14.31.207	Startup & Test Escalator #3,4 from Concourse to Surface Level	5	05-Oct-20 A	26-Feb-21	-424
YBM.14.21.155	Startup & Test Elevators #3, 4	5	26-Nov-20 A	26-Feb-21	-424
YBM.14.31.197	Startup & Test Escalator #1,2 from Platform to Concourse Level	10	01-Oct-20 A	05-Mar-21	-429



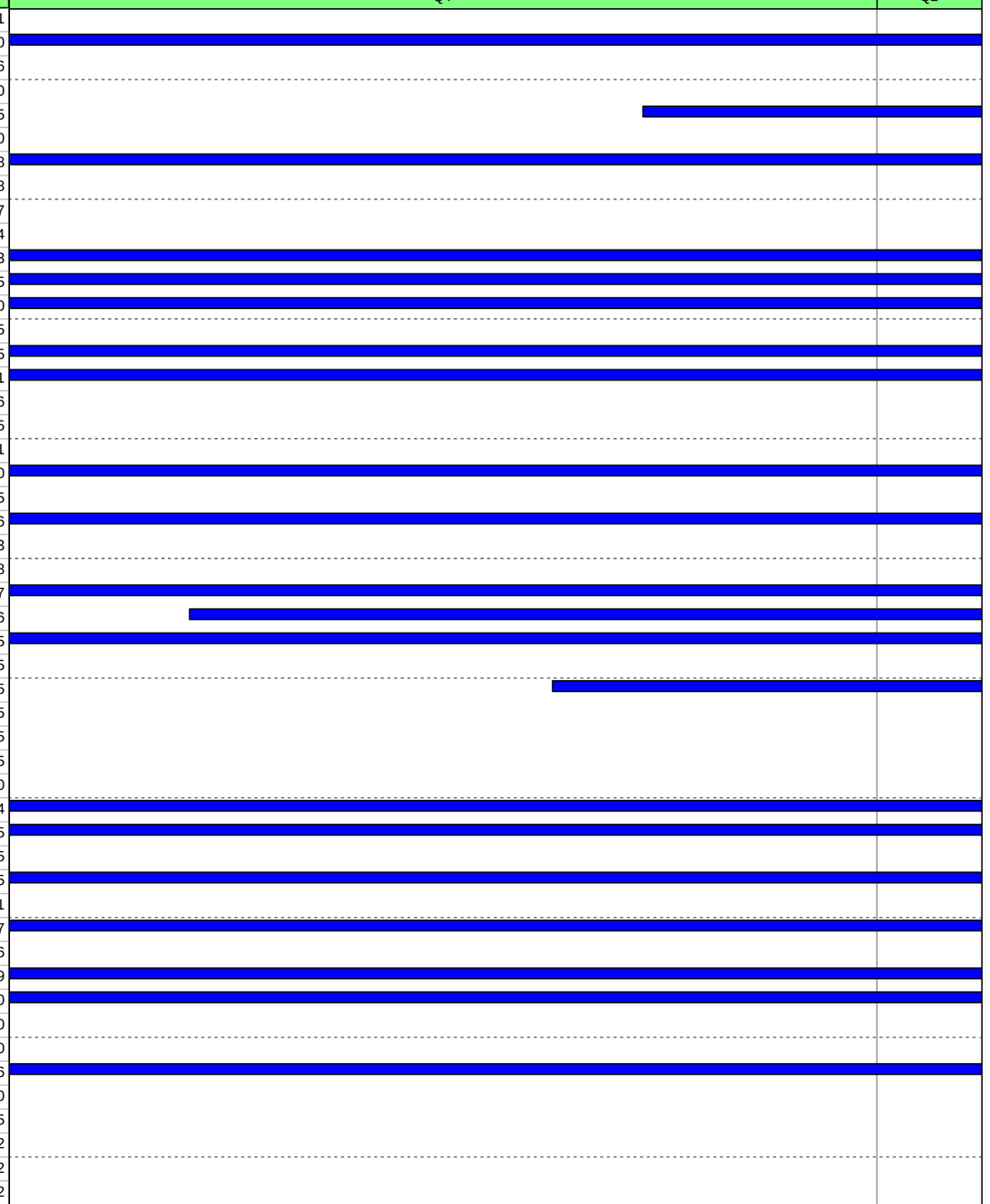
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Startup & Testing		40	21-Dec-20 A	08-Jun-21	-456
No 13-Disp		1896	10-Jul-14 A	06-Jul-21	54
Construction STS P-1256		1824	14-May-14 A	06-Jul-21	64
Tunnel Concrete		560	17-Jul-18 A	01-Mar-21	-400
Electrical		1172	14-May-14 A	11-May-21	104
Upper Mezz Level		5	27-Jan-21	02-Feb-21	-426
Lower Mezz Level		10	26-Jan-21	08-Feb-21	-410
Platform Level		7	23-Mar-21	31-Mar-21	-437
No 13-Level		1172	14-May-14 A	11-May-21	104
STS.34.42.0690	STS_Install: Train Control - Remote Feed Boxes- SB Portal to Moscone	1	26-Jan-21	26-Jan-21	-406
STS.34.42.0510	STS_Install: Train Control - ATSC Entry Point Signage - Portal	1	26-Jan-21	26-Jan-21	-404
STS.34.42.1070	STS_Install: Train Control - Remote Feed Boxes/Track Heads SB Moscone to Union Square	1	27-Jan-21	27-Jan-21	-406
STS.34.42.0900	STS_Install: Train Control - ATSC Entry Point Signage - Moscone Station	1	27-Jan-21	27-Jan-21	-404
STS.34.42.1440	STS_Install: Train Control - Remote Feed Boxes- SB Union Square to Chinatown	1	27-Jan-21	28-Jan-21	-406
STS.34.42.2270	STS_Install: Train Control - Train Control Conduit - & JB's NB Portal To Moscone	4	20-Mar-17 A	28-Jan-21	-448
STS.34.42.1270	STS_Install: Train Control - ATSC Entry Point Signage - Union Square Station	1	28-Jan-21	28-Jan-21	-404
STS.34.42.1640	STS_Install: Train Control - ATSC Entry Point Signage - Chinatown	1	29-Jan-21	29-Jan-21	-404
STS.28.20.1870	STS_Install: - CCTV Camera Equipment Cabinets - CTS Communications Rm	4	26-Jan-21	29-Jan-21	-405
STS 34 42 37 c	STS_Fab\Deliver: Transportation: ATCS Wayside Equipment (34 42 37)	180	14-Apr-16 A	30-Jan-21	-608
STS.26.05.1370	STS_Install: Tunnel Electrical -Lighting Fixtures - SB Chinatown to North Limits	5	27-May-20 A	01-Feb-21	172
STS.28.20.2050	STS_Install: - Terminate CCTV Camera Equipment Cabinets - CTS Communications Rm	5	26-Jan-21	01-Feb-21	-405
STS.34.42.1060	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Moscone to Union Squa	6	26-Jan-21	02-Feb-21	-415
STS.34.42.0480	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Portal to Moscone	6	26-Jan-21	02-Feb-21	-419
STS.34.42.0490	STS_Install: Train Control - Remote Feed Boxes- NB Portal to Moscone	1	02-Feb-21	02-Feb-21	-409
STS.34.42.0500	STS_Install: Security - NB Portal Intrusion Devices	2	01-Feb-21	02-Feb-21	-429
STS.34.42.0880	STS_Install: Train Control - Remote Feed Boxes- NB Moscone to Union Square	1	03-Feb-21	03-Feb-21	-409
STS.34.42.0600	STS_Install: Train Control - Train Control Signals - SB Portal to Moscone	6	28-Jan-21	04-Feb-21	-435
STS.34.42.1260	STS_Install: Train Control - Remote Feed Boxes- NB Union Square to Chinatown	1	04-Feb-21	04-Feb-21	-409
STS.34.42.2370	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Portal To Moscone	4	02-Feb-21	05-Feb-21	-438
STS.34.42.2310	STS_Install: Train Control - Train Control Conduit - & JB's SB Portal To Moscone	4	20-Mar-17 A	08-Feb-21	-464
STS.26.05.1010	STS_Install: Tunnel Electrical - Emerg Tel/SFFD Tel/Blue Lights - SB Moscone to Union Square	3	04-Feb-21	08-Feb-21	-425
STS.34.23.1230	STS_Install: Tunnel Electrical - OCS Catenary Hangers - NB Union Square to Chinatown	5	16-Mar-20 A	09-Feb-21	-474
STS.34.420.870	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads- NB Moscone to Union Squ	6	03-Feb-21	10-Feb-21	-419
STS.34.42.1800	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Union Square to Chinat	6	02-Feb-21	10-Feb-21	-415
STS.34.42.0410	STS_Install: Train Control - Train Control Signals - NB Portal to Moscone	6	03-Feb-21	10-Feb-21	-429
STS.34.42.2260	STS_Install: Train Control - Train Control Conduit - & JB's NB Moscone to Union Square	13	12-Mar-18 A	11-Feb-21	-448
STS.34.23.1940	STS_Install: Tunnel Electrical - OCS Steady Arm Assemblies - NB Moscone to Union Square	7	03-Aug-20 A	11-Feb-21	-475
STS.26.05.3820	STS_Install: Tunnel Electrical - Pull & Terminate Emerg Tel/SFFD Tel/Blue Lights - SB Moscone to U	3	09-Feb-21	11-Feb-21	-413
STS.34.42.0710	STS_Install: Train Control - SB ATSC Entry Point Signage - Portal	1	12-Feb-21	12-Feb-21	-417
STS.34.42.0980	STS_Install: Train Control - Train Control Signals - SB Moscone to Union Square	6	05-Feb-21	12-Feb-21	-435
STS.34.23.1860	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Portal To Moscone	4	09-Feb-21	12-Feb-21	-476
STS.34.23.1220	STS_Install: Tunnel Electrical - OCS Elastic Arm Assemblies - NB Union Square to Chinatown	3	03-Aug-20 A	12-Feb-21	-470
STS.34.42.1090	STS_Install: Train Control - SB ATSC Entry Point Signage - Moscone	1	15-Feb-21	15-Feb-21	-417
STS.28.20.2020	STS_Install: - SCADA System Terminations - UMS Communications Rm	10	02-Feb-21	15-Feb-21	-415
STS.26.05.2000	STS_Install: Tunnel Electrical - Emerg Tel/SFFD Tel/Blue Lights - NB Chinatown to North Limits	2	12-Feb-21	15-Feb-21	-417
STS.28.20.1810	STS_Install: Tunnel Electrical - CCTV Cameras - SB Chinatown to North Limits	2	12-Feb-21	15-Feb-21	-416
STS.26.05.3790	STS_Install: Tunnel Electrical - Pull & Terminate Emerg Tel/SFFD Tel/Blue Lights - NB Union Square	5	09-Feb-21	15-Feb-21	-415
STS.34.42.1460	STS_Install: Train Control - SB ATSC Entry Point Signage - Union Square	1	16-Feb-21	16-Feb-21	-417
STS.34.42.1820	STS_Install: Train Control - SB ATSC Entry Point Signage - Chinatown	1	17-Feb-21	17-Feb-21	-417
STS.34.42.2330	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Portal To Moscone	4	12-Feb-21	17-Feb-21	-445



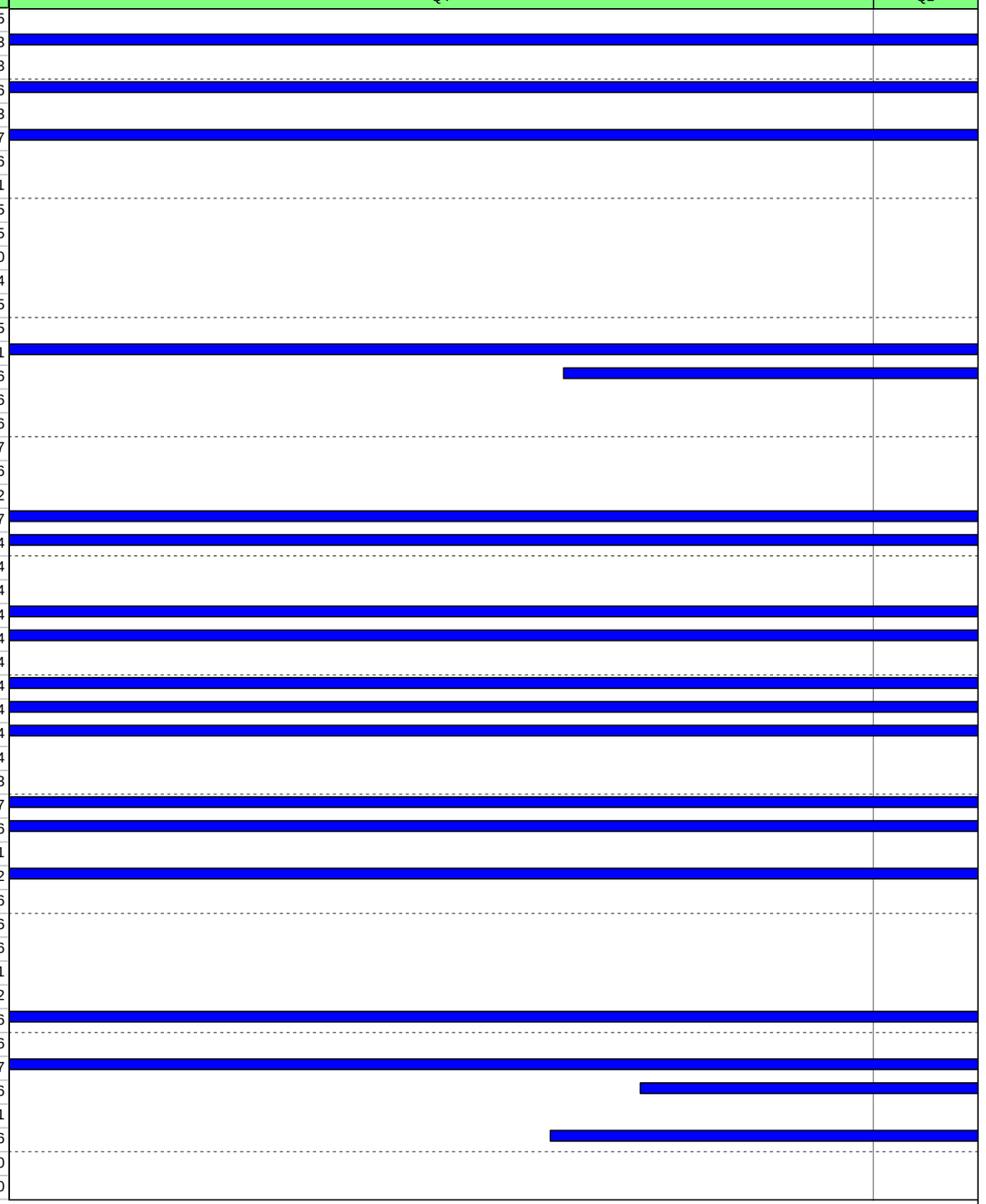
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
STS.26.05.3800	STS_Install: Tunnel Electrical - Pull & Terminate Emerg Tel/SFFD Tel/Blue Lights - NB Chinatown to	2	16-Feb-21	17-Feb-21	-417
STS.34.42.1250	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Union Square to Chinat	6	10-Feb-21	18-Feb-21	-419
STS.34.23.1950	STS_Install: Tunnel Electrical - OCS Steady Arm Assemblies - NB Union Square to Chinatown	7	03-Aug-20 A	18-Feb-21	-474
STS.34.42.0790	STS_Install: Train Control - Train Control Signals - NB Moscone to Union Square	6	11-Feb-21	18-Feb-21	-429
STS.34.22.3010	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB SB04 To PS-02 - MOS I	4	14-Dec-20 A	19-Feb-21	-460
STS.34.42.1720	STS_Install: Train Control - Train Control Signals - SB Union Square to Chinatown	6	15-Feb-21	22-Feb-21	-435
STS.26.05.2160	STS_Install: Traction Power - Install Conduit/TP SCADA Cable to Existing FODP Panel @ King SubS	10	09-Feb-21	22-Feb-21	-445
STS.34.23.1850	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Moscone to Union Square	6	15-Feb-21	22-Feb-21	-476
STS.34.22.3170	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB SB09 To SB05 - UMS To MC	3	30-Nov-20 A	22-Feb-21	-460
STS.34.22.3190	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB SB05 To PS-03 - MOS Nortl	1	22-Feb-21	22-Feb-21	160
STS.34.42.1620	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Chinatown to North Limi	1	23-Feb-21	23-Feb-21	-421
STS.34.42.1630	STS_Install: Train Control - Remote Feed Boxes- NB Chinatown to North Limits	1	23-Feb-21	23-Feb-21	-421
STS.34.42.1810	STS_Install: Train Control - Remote Feed Boxes- SB Chinatown to North Limits	1	23-Feb-21	23-Feb-21	-423
STS.34.42.1430	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Chinatown to North Limi	1	23-Feb-21	23-Feb-21	-423
STS.34.22.3160	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-06 To PFCB SB09 - UMS Sou	1	30-Nov-20 A	23-Feb-21	-460
STS.34.23.1600	STS_Install: Tunnel Electrical - OCS Catenary Hangers - NB Chinatown to North Limits	2	16-Mar-20 A	24-Feb-21	-432
STS.34.22.2970	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-06 To PFCB SB09 - UMS	2	01-Jun-20 A	24-Feb-21	-460
STS.34.42.0520	STS_Install: Train Control - NB Switch Machines @ Chinatown Crossover	2	19-Aug-19 A	24-Feb-21	-422
STS.34.42.2280	STS_Install: Train Control - Train Control Conduit - & JB's NB Union Square to Chinatown	14	20-Apr-16 A	25-Feb-21	-448
STS.34.23.1590	STS_Install: Tunnel Electrical - OCS Elastic Arm Assemblies - NB Chinatown to North Limits	1	27-Jul-20 A	25-Feb-21	-428
STS.34.42.1350	STS_Install: Train Control - Train Control Signals - SB Chinatown to North Limits	3	23-Feb-21	25-Feb-21	-425
STS.34.22.3150	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB SB10 To PS-03 - UMS Nortl	1	25-Feb-21	25-Feb-21	-460
STS.34.42.100	STS_Transportation: Surface Signaling System - Testing & Startup	30	28-Jan-21	26-Feb-21	-599
STS.34.42.2120	STS_Install: Train Control - ATSC Power Panels - Chinatown Station Control Room	4	23-Feb-21	26-Feb-21	-441
STS.34.42.2160	STS_Install: Train Control - ATSC 5KVA UPS Battery Cabinet - Union Square Station Control Room	2	25-Feb-21	26-Feb-21	-443
STS.26.05.1380	STS_Install: Tunnel Electrical - Emerg Tel/SFFD Tel/Blue Lights - SB Chinatown to North Limits	2	25-Feb-21	26-Feb-21	-423
STS.34.42.1170	STS_Install: Train Control - Train Control Signals - NB Union Square to Chinatown	6	19-Feb-21	26-Feb-21	-429
STS.34.42.2020	STS_Install: Train Control - ATSC Emergency Feed In Device - Moscone Station Control Room	3	24-Feb-21	26-Feb-21	-444
STS.26.05.3510	STS_Install: Lighting - 4th/Brannan Station	10	19-Feb-18 A	01-Mar-21	-425
STS 34 42 39 c	STS_Fab\Deliver: Transportation: ATCS Central Equipment (34 42 39)	10	20-Feb-21	01-Mar-21	-624
STS.20.71.550	STS_Manufacture - PCC SCADA Equipment	20	17-Jan-20 A	01-Mar-21	-445
STS.34.23.2600	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Townsend To King Street	2	26-Feb-21	01-Mar-21	-462
STS.34.22.2960	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB SB10 To PS-03 - UMS	2	26-Feb-21	01-Mar-21	-460
STS.34.23.1410	STS_Install: Tunnel Electrical - OCS Catenary Hangers - SB Chinatown to North Limits	5	09-Mar-20 A	01-Mar-21	-435
STS.26.05.2070	STS_Install: Traction Power - Remove Existing Mimic Panel Equipment @ PCC	5	23-Feb-21	01-Mar-21	-445
STS.26.05.1750	STS_Install: Tunnel Electrical - Emerg Tel/SFFD Tel/Blue Lights - SB Union Square to Chinatown	3	25-Feb-21	01-Mar-21	-428
STS.34.42.2110	STS_Install: Train Control - ATSC Transformer - Chinatown Station Control Room	2	01-Mar-21	02-Mar-21	-441
STS.34.23.1400	STS_Install: Tunnel Electrical - OCS Elastic Arm Assemblies - SB Chinatown to North Limits	1	27-Jul-20 A	02-Mar-21	-431
STS.28.20.0950	STS_Install: Tunnel Electrical - CCTV Conduit - & JB's SB Moscone to Union Square	13	13-Dec-19 A	02-Mar-21	-443
STS.34.41.2120	STS_Install; Traffic Signal Displays 4th St/King	3	26-Feb-21	02-Mar-21	-457
STS.26.05.3840	STS_Install: Tunnel Electrical - Pull & Terminate Emerg Tel/SFFD Tel/Blue Lights - SB Chinatown to	2	01-Mar-21	02-Mar-21	-423
STS.34.01.24.100	STS_: PA/PDS Sofware: Operation control Center (34 01 24)	30	18-Dec-19 A	03-Mar-21	-634
STS.34.01.24.130	STS_: Cable Installation: Operation control Center (34 01 24)	30	27-Jul-20 A	03-Mar-21	-634
STS.34.23.1960	STS_Install: Tunnel Electrical - OCS Steady Arm Assemblies - NB Chinatown to North Limits	5	03-Aug-20 A	03-Mar-21	-432
STS.26.05.3880	STS_Install: Tunnel Electrical - Pull/Terminate Power & Lighting - SB Union Square to Chinatown	5	03-Aug-20 A	03-Mar-21	150
STS.34.42.2010	STS_Install: Train Control - ATSC Feed In Device - Moscone Station Control Room	3	01-Mar-21	03-Mar-21	-444
STS.34.42.2040	STS_Install: Train Control - ATSC Power Panels - Moscone Station Control Room	3	01-Mar-21	03-Mar-21	-444
STS.34.42.1540	STS_Install: Train Control - Train Control Signals - NB Chinatown to North Limits	3	01-Mar-21	03-Mar-21	-429
STS.34.42.2170	STS_Install: Train Control - ATSC Communication Cable Termination Frame - Union Square Station (	4	01-Mar-21	04-Mar-21	-443
STS.34.42.2200	STS_Install: Train Control - ATSC Transformer - Union Square Station Control Room	2	03-Mar-21	04-Mar-21	-443



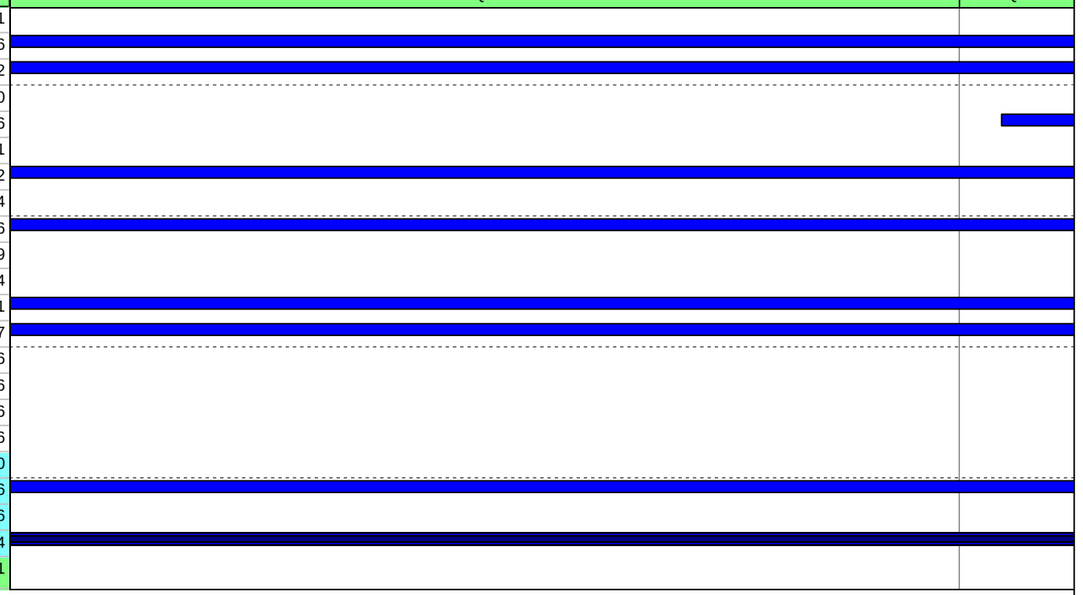
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
STS.34.23.100	STS_Install: Utilities: Install Fiber Optic Ductbank From (E) Pullbox to (E) MH 1879 - King St/4th Stre	5	26-Feb-21	04-Mar-21	-441
STS.34.22.2950	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB SB16 To SB10 - CTS T	15	27-Jul-20 A	04-Mar-21	-460
STS.34.23.1870	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Union Square to Chinatown	8	23-Feb-21	04-Mar-21	-476
STS.34.23.1900	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - SB Moscone to Union Square	14	15-Feb-21	04-Mar-21	-440
STS.34.22.3140	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB SB16 To SB10 - CTS To UM	3	14-Dec-20 A	04-Mar-21	-435
STS.34.42.2250	STS_Install: Train Control - Train Control Conduit - & JB's NB Chinatown to North Limits	5	26-Feb-21	04-Mar-21	-430
STS.34.42.1940	STS_Install: Surface Signaling - TS Case No.1 - 4th/King	5	26-Feb-20 A	04-Mar-21	-428
STS.26.05.3830	STS_Install: Tunnel Electrical - Pull & Terminate Emerg Tel/SFFD Tel/Blue Lights - SB Union Square t	3	02-Mar-21	04-Mar-21	-428
STS.34.41.2100	STS_Install; Traffic Signal Displays 4th St/Harrison	3	03-Mar-21	05-Mar-21	-457
STS.34.42.2030	STS_Install: Train Control - ATSC Transformer - Moscone Station Control Room	2	04-Mar-21	05-Mar-21	-444
STS 28 20 05 c	STS_Fab\Deliver: Security: CCTV System (28 20 05)	180	03-Sep-14 A	07-Mar-21	-633
STS.34.23.2000	STS_Install: Tunnel Electrical - OCS Steady Arm Assemblies - SB Chinatown to North Limits	5	27-Jul-20 A	08-Mar-21	-435
STS.26.05.3890	STS_Install: Tunnel Electrical - Pull/Terminate Power & Lighting - SB Chinatown to North Limits	3	30-Sep-20 A	08-Mar-21	150
STS.26.05.2080	STS_Install: Traction Power - New Equipment Display Rack @ PCC	5	02-Mar-21	08-Mar-21	-445
STS.34.22.2940	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-8 To PFCB SB16 - CTS So	3	05-Oct-20 A	09-Mar-21	-435
STS.34.42.1880	STS_Install: Surface Signaling - Interlocking Signals & Poles 21/23 - 4th/King	8	06-Jul-20 A	09-Mar-21	-431
STS.01.64.100	STS_Install:Owner Next Bus Signs @ 4th/Brannon Station	5	03-Mar-21	09-Mar-21	-406
STS.28.20.1720	STS_Install: Tunnel Electrical - CCTV Cameras - NB Portal To Moscone	2	08-Mar-21	09-Mar-21	-445
STS.26.05.2210	STS_Install: Traction Power -Terminate FODP Panel @ Moscone Folsom SubStation	3	05-Mar-21	09-Mar-21	-441
STS.34.42.0580	STS_Install: Train Control - Train Control Cable Loop System SB Portal To Moscone	4	13-May-19 A	10-Mar-21	-460
STS.34.22.3130	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-8 To PFCB SB16 - CTS South	1	10-Mar-21	10-Mar-21	-435
STS.34.22.2900	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB03 To NB01 - MOS To	8	04-May-20 A	10-Mar-21	-476
STS.34.23.1840	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - NB Chinatown to North Limits	5	05-Mar-21	11-Mar-21	-433
STS.28.20.1760	STS_Install: Tunnel Electrical - CCTV Pull Wire & Terminate NB Portal To Moscone	2	10-Mar-21	11-Mar-21	-438
STS.34.41.2040	STS_Install; Traffic Signal Controllers 4th St	11	09-Oct-17 A	12-Mar-21	-457
STS.34.22.3090	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB03 To NB01 - MOS To Por	2	09-Nov-20 A	12-Mar-21	-476
STS.34.22.2930	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB SB17 To PS-5 - Chinat	2	12-Oct-20 A	12-Mar-21	-435
STS.26.05.2140	STS_Install: Traction Power - Make Fiber Node Connections From King SubStation @PCC (Fiber by	5	09-Mar-21	15-Mar-21	-445
STS.34.22.3120	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB SB17 To PS-5 - Chinatown	1	07-Dec-20 A	15-Mar-21	-435
STS.26.05.2090	STS_Install: Traction Power - Video Displays & Cabling @ PCC	10	02-Mar-21	15-Mar-21	-445
STS.26.05.2100	STS_Install: Traction Power - PCI & TP SCADA Servers @ PCC	10	02-Mar-21	15-Mar-21	-445
STS.26.05.2130	STS_Install: Traction Power - Make Fiber Node Connections From YBM Folsom SubStation @PCC	5	09-Mar-21	15-Mar-21	-445
STS.34.23.1920	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - SB Union Square to Chinatown	12	26-Feb-21	15-Mar-21	-440
STS.34.42.2300	STS_Install: Train Control - Train Control Conduit - & JB's SB Moscone to Union Square	13	12-Mar-18 A	16-Mar-21	-464
STS.34.22.2880	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-04 To PFCB NB11 - UMS	2	03-Aug-20 A	16-Mar-21	-475
STS.28.20.1730	STS_Install: Tunnel Electrical - CCTV Cameras - NB Moscone to Union Square	5	10-Mar-21	16-Mar-21	-445
STS.34.22.2890	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB11To NB04 - UMS To	8	11-May-20 A	18-Mar-21	-475
STS.28.20.1770	STS_Install: Tunnel Electrical - CCTV Pull Wire & Terminate NB Moscone to Union Square	2	17-Mar-21	18-Mar-21	-441
STS.34.41.1990	STS_Demo/Salvage; Traffic Signals 4th St	15	17-Apr-17 A	19-Mar-21	-457
STS.34.22.3280	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - NB Portal Pull Box To MH1890	5	15-Mar-21	19-Mar-21	-476
STS.27.42.100	STS_Install: Comm: Platform Display System (27 42 16)	15	12-Aug-19 A	19-Mar-21	-439
\	CTS_Fab\Deliver: Transportation: Traction Power SCADA System (34 23 10)	180	14-May-14 A	22-Mar-21	-620
STS 34.42.390	STS_Install: Transportation: ATCS Central Equipment - Lennox OCC	15	02-Mar-21	22-Mar-21	-440
STS 34.42.400	STS_Install: Transportation: ATCS Central Equipment - Transportation Mgmt Center (TMC)	15	02-Mar-21	22-Mar-21	-440
STS.34.22.2910	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-05 To PFCB NB10 - UMS	1	01-Jun-20 A	22-Mar-21	-476
STS.34.23.1890	STS_Install: Tunnel Electrical - OCS Wires. Spacers, Insulators - SB Chinatown to North Limits	5	16-Mar-21	22-Mar-21	-440
STS.26.05.2120	STS_Install: Traction Power - Make Fiber Node Connections From UMS Gap Breaker Station @PCC	5	16-Mar-21	22-Mar-21	-445
STS.34.42.2390	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Union Square to Chinatown	14	03-Mar-21	22-Mar-21	-442
STS.34.42.2400	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Chinatown to North Limits	2	23-Mar-21	24-Mar-21	-442
STS.34.23.2620	STS_Install: OCS System - Install OCS Trolley Wire & Special Work In 4th St/Townsend Street - Inte	17	02-Mar-21	24-Mar-21	-462



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
STS.28.20.1740	STS_Install: Tunnel Electrical - CCTV Cameras - NB Union Square to Chinatown	6	17-Mar-21	24-Mar-21	-445
STS.28.20.1320	STS_Install: Tunnel Electrical - CCTV Conduit - & JB's SB Chinatown to North Limits	16	27-May-20 A	24-Mar-21	-443
STS.28.20.1850	STS_Install: Tunnel Electrical - CCTV Pull Wire & Terminate SB Chinatown to North Limits	1	25-Mar-21	25-Mar-21	-443
STS.34.22.2920	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB10 To NB06 - UMS To	7	04-May-20 A	25-Mar-21	-476
STS.34.42.2530	STS_Install: Train Control - ATSC Wire Pulls & Terminations - Union Square Station Control Room	15	05-Mar-21	25-Mar-21	-443
STS.34.41.2000	STS_Install; Traffic Signals 4th St	15	24-Apr-17 A	26-Mar-21	-457
STS.34.22.3070	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-04 To PFCB NB11 - UMS Sout	1	26-Mar-21	26-Mar-21	-476
STS.34.23.2590	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Bluxome To Townsend	2	25-Mar-21	26-Mar-21	-451
STS.28.20.1710	STS_Install: Tunnel Electrical - CCTV Cameras NB Chinatown to North Limits	2	25-Mar-21	26-Mar-21	-445
STS.28.20.1780	STS_Install: Tunnel Electrical - CCTV Pull Wire & Terminate NB Union Square to Chinatown	2	25-Mar-21	26-Mar-21	-445
STS.34.42.0960	STS_Install: Train Control - Train Control Cable Loop System SB Moscone to Union Square	12	11-Mar-21	26-Mar-21	-460
STS.34.42.2540	STS_Install: Train Control - ATSC Wire Pulls & Terminations - Moscone Station Control Room	15	08-Mar-21	26-Mar-21	-444
STS.26.05.2110	STS_Install: Traction Power - Make Fiber Node Connections From CTS Washington Substation @ P	5	23-Mar-21	29-Mar-21	-445
STS.28.20.1750	STS_Install: Tunnel Electrical - CCTV Pull Wire & Terminate NB Chinatown to North Limits	1	29-Mar-21	29-Mar-21	-445
STS.34.42.2320	STS_Install: Train Control - Train Control Conduit - & JB's SB Union Square to Chinatown	14	21-Apr-16 A	30-Mar-21	-461
STS.34.22.3080	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB05 To NB04 - UMS To MC	3	08-Dec-20 A	30-Mar-21	-476
STS.34.42.2520	STS_Install: Train Control - ATSC Wire Pulls & Terminations - Chinatown Station Control Room	15	10-Mar-21	30-Mar-21	-446
STS.34.22.3100	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-05 To PFCB NB10 - UMS Sou	1	31-Mar-21	31-Mar-21	-476
STS.34.41.2130	STS_Install; Traffic Signal Displays 5th St/Brannan	3	29-Mar-21	31-Mar-21	-457
STS.34.22.3110	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB10 To NB06 - UMS To MC	1	01-Apr-21	01-Apr-21	-476
STS.34.23.2640	STS_Install: OCS System - Install OCS Trolley Wire In 5th Street To Brannan	6	25-Mar-21	01-Apr-21	-462
STS.34.41.2110	STS_Install; Traffic Signal Displays 4th St/Brannan	5	19-Jun-17 A	02-Apr-21	-457
STS.34.01.24.150	STS_: PA/PDS: Operation control Center (34 01 24)	30	30-Jul-18 A	02-Apr-21	-634
STS.34.01.24.110	STS_: Testing Cutover: Operation control Center (34 01 24)	30	04-Mar-21	02-Apr-21	-634
STS.34.01.24.120	STS_: System Integration: Operation control Center (34 01 24)	30	04-Mar-21	02-Apr-21	-634
STS.34.01.24.160	STS_: FSS: Operation control Center (34 01 24)	30	06-May-19 A	02-Apr-21	-634
STS.34.01.24.170	STS_: CCTV & Access Control: Operation control Center (34 01 24)	30	25-May-20 A	02-Apr-21	-634
STS.34.01.24.180	STS_: Network Communication: Operation control Center (34 01 24)	30	04-Mar-21	02-Apr-21	-634
STS.34.01.24.200	STS_: AV Management: Operation control Center (34 01 24)	30	25-May-20 A	02-Apr-21	-634
STS.34.01.24.210	STS_: Integrated Human Machine Interface (IHMI) System: Operation control Center (34 01 24)	30	25-May-20 A	02-Apr-21	-634
STS.34.01.24.220	STS_: Elevator/ Escalator Remote Monitoring System: Operation control Center (34 01 24)	30	25-May-20 A	02-Apr-21	-634
STS.34.42.2340	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Moscone to Union Square	13	17-Mar-21	02-Apr-21	-464
STS.34.42.2290	STS_Install: Train Control - Train Control Conduit - & JB's SB Chinatown to North Limits	5	31-Mar-21	06-Apr-21	-453
STS.34.41.2010	STS_Install; Traffic Signal Displays 4th S/Bryant	6	07-Jan-19 A	07-Apr-21	-457
STS.34.22.2860	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB18 To NB12 - CTS T	15	08-Jun-20 A	07-Apr-21	-476
STS.34.23.2580	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Brannan To Bluxome	9	29-Mar-21	08-Apr-21	-421
STS.34.23.2630	STS_Install: OCS System - Install OCS Trolley Wire In Townsend Street To 5th Street	11	09-Mar-20 A	08-Apr-21	-462
STS.34.22.2870	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB12 To PS-01 - UMS	2	08-Apr-21	09-Apr-21	-476
STS.20.71.525	STS_Prepare\Submit: Sub-Systems Maintainability Demonstration - Surface Signalling Systems	20	23-Mar-21	11-Apr-21	-636
STS.20.71.535	STS_Prepare\Submit: Sub-Systems Maintainability Demonstration -Facility SCADA Systems (FSS)	20	23-Mar-21	11-Apr-21	-636
STS.34.23.2570	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Freelon To Brannan	2	09-Apr-21	12-Apr-21	-421
STS.34.23.2650	STS_Install: OCS System - Install OCS Trolley Wire In Brannan To 4th Street	2	09-Apr-21	12-Apr-21	-462
STS.34.22.2850	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PS-10 To PFCB NB18 - CTS S	2	05-Oct-20 A	12-Apr-21	-476
STS.34.22.3040	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PS-10 To PFCB NB18 - CTS South	1	13-Apr-21	13-Apr-21	-476
STS.34.41.2030	STS_Pull & Terminate Traffic Signal Wiring 4th St	16	24-Apr-17 A	14-Apr-21	-457
STS.34.22.3050	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB18 To NB12 - CTS To UM	3	14-Dec-20 A	14-Apr-21	-476
STS.34.23.2560	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Welsh To Freelon	2	13-Apr-21	14-Apr-21	-421
STS.34.22.3060	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB12 To PS-01 - UMS North	1	07-Dec-20 A	15-Apr-21	-476
STS.34.42.1700	STS_Install: Train Control - Train Control Cable Loop System SB Union Square to Chinatown	14	29-Mar-21	15-Apr-21	-460
STS 10 41 00 d1	STS_Prepare\Submit: Display Case Mockup	30	18-Mar-21	16-Apr-21	-620



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
STS 06 10 53 c	STS_Fab\Deliver: Wood Trough (06 10 53)	30	18-Mar-21	16-Apr-21	-591
STS.34.22.2840	STS_Install: Tunnel Electrical - Pull/Terminate Traction Power Cable - PFCB NB19 To PS-06 - China	2	05-Oct-20 A	16-Apr-21	-476
STS.34.23.3700	STS_Install: OCS System - Remove/Install Cross Spans in Brannan	4	30-Dec-19 A	16-Apr-21	-462
STS.34.42.1330	STS_Install: Train Control - Train Control Cable Loop System SB Chinatown to North Limits	2	16-Apr-21	19-Apr-21	-460
STS.34.22.3030	STS_Install: Tunnel Electrical - Pull/Terminate OCS Riser Cable - PFCB NB19 To PS-06 - Chinatowr	1	04-Jan-21 A	19-Apr-21	-476
STS.34.23.2550	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Bryant to Welsh	4	15-Apr-21	20-Apr-21	-421
STS.34.23.3710	STS_Install: OCS System - Remove/Install Cross Spans in Townsend	3	30-Dec-19 A	21-Apr-21	-462
STS.34.42.2360	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Union Square to Chinatown	13	05-Apr-21	21-Apr-21	-464
STS.34.42.0390	STS_Install: Train Control - Train Control Cable Loop System NB Portal To Moscone	4	13-May-19 A	22-Apr-21	-476
STS.10.41.100	STS_Install: Display Cases Between Windscreens	5	19-Apr-21	23-Apr-21	-439
STS.34.42.2350	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Chinatown to North Limits	2	22-Apr-21	23-Apr-21	-464
STS 34 01 24 a30	STS_Prepare\Submit: Operation control Center- Systems Diagrams (34 01 24)	90	26-May-19 A	25-Apr-21	141
STS 01 79 00 c2	STS_Submit:O&M Manuals 60 Days Prior to Training	60	11-Nov-19 A	26-Apr-21	-637
STS.20.71.515	STS_Prepare\Submit: Sub-Systems Maintainability Demonstration - PCC SCADA Equipment	40	23-Mar-21	01-May-21	156
STS.34.42.0770	STS_Install: Train Control - Train Control Cable Loop System NB Moscone to Union Square	13	20-Apr-21	06-May-21	-476
STS.34.42.1150	STS_Install: Train Control - Train Control Cable Loop System NB Union Square to Chinatown	14	20-Apr-21	07-May-21	-476
STS.34.42.1520	STS_Install: Train Control - Train Control Cable Loop System NB Chinatown to North Limits	2	10-May-21	11-May-21	-476
Electrical - Transportation		10	26-Jan-21	08-Feb-21	-430
Track System Work		120	06-Jun-16 A	03-Feb-21	-426
Startup & Testing		40	12-May-21	06-Jul-21	-476
No 13-Disp		1820	14-May-14 A	06-Jul-21	64
Unallocated Contingency		298	26-Jan-21	30-Mar-22	-461



central T subway

Connecting people. Connecting communities.

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%

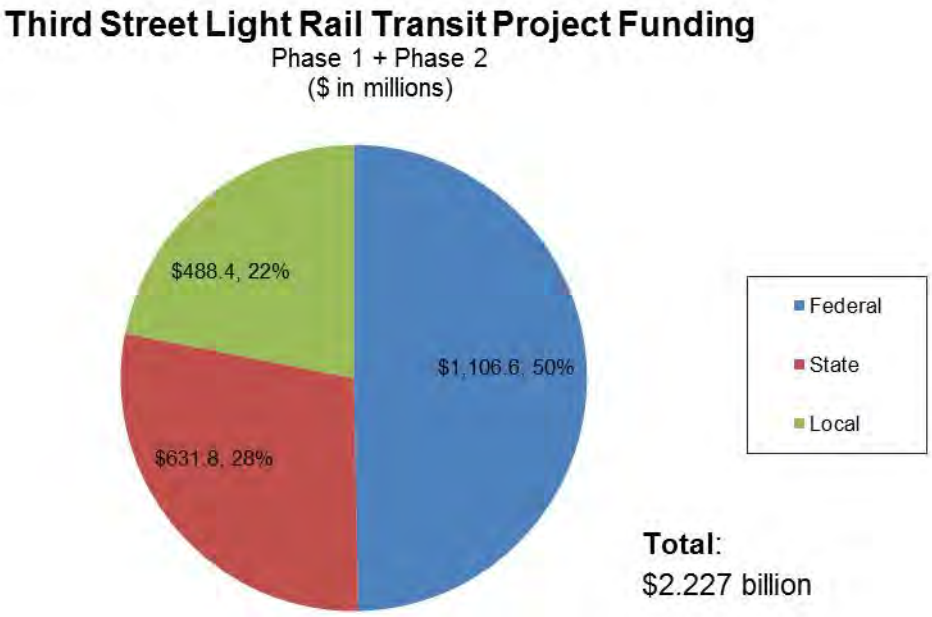
All amounts in millions of dollars

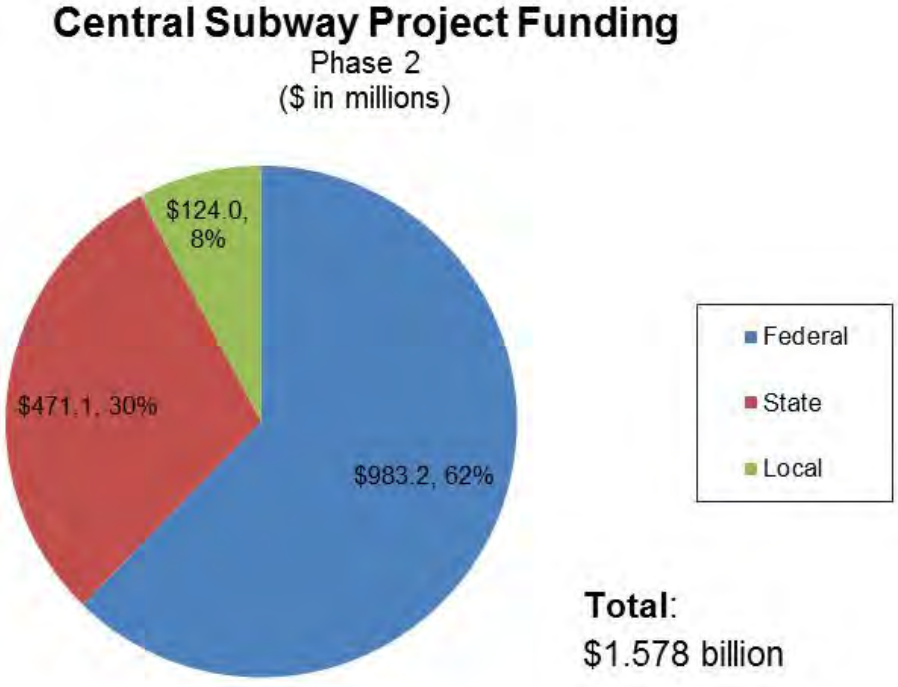
The six charts that follow summarize use of fund sources by phase and with the addition of the retrieval shaft relocation additional budget and funding:

- 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.

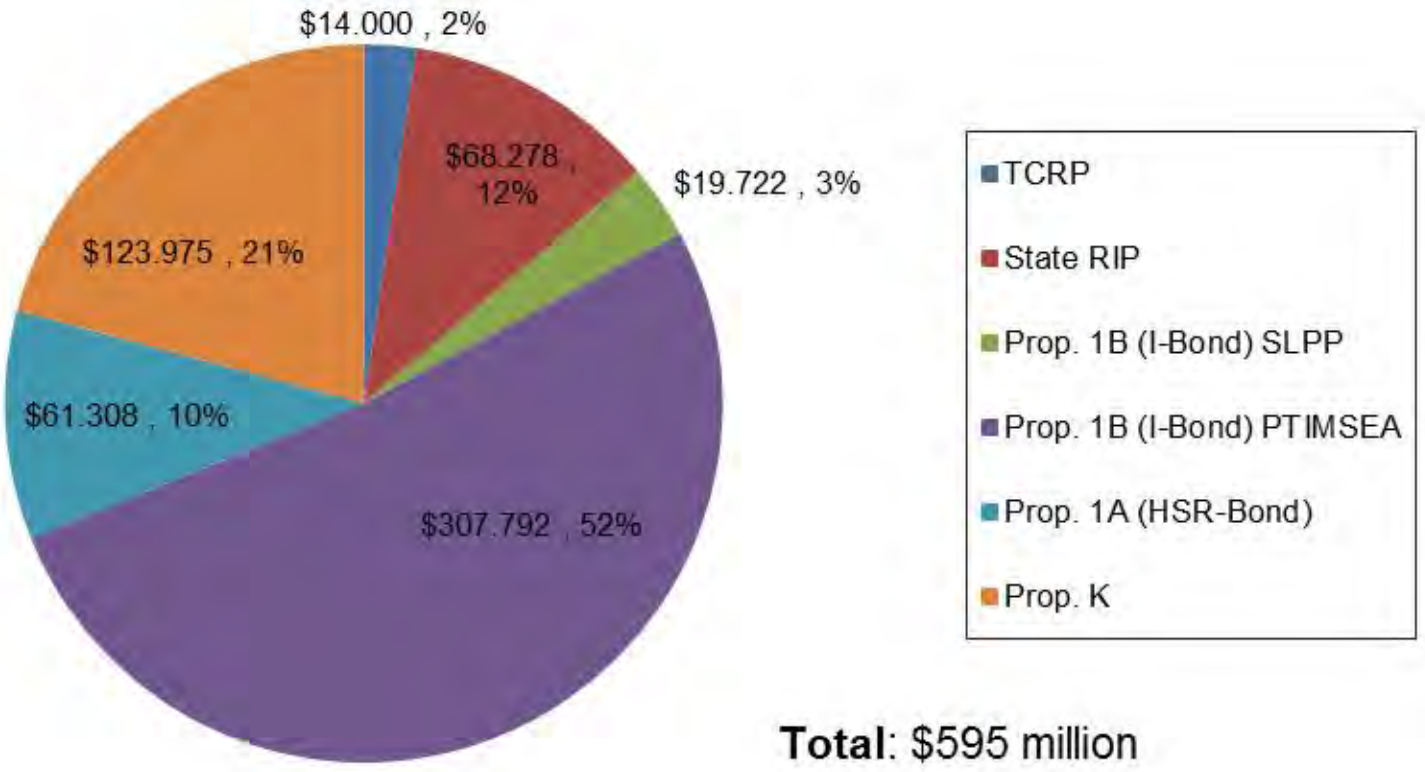




State and Local Funding

Phase 2

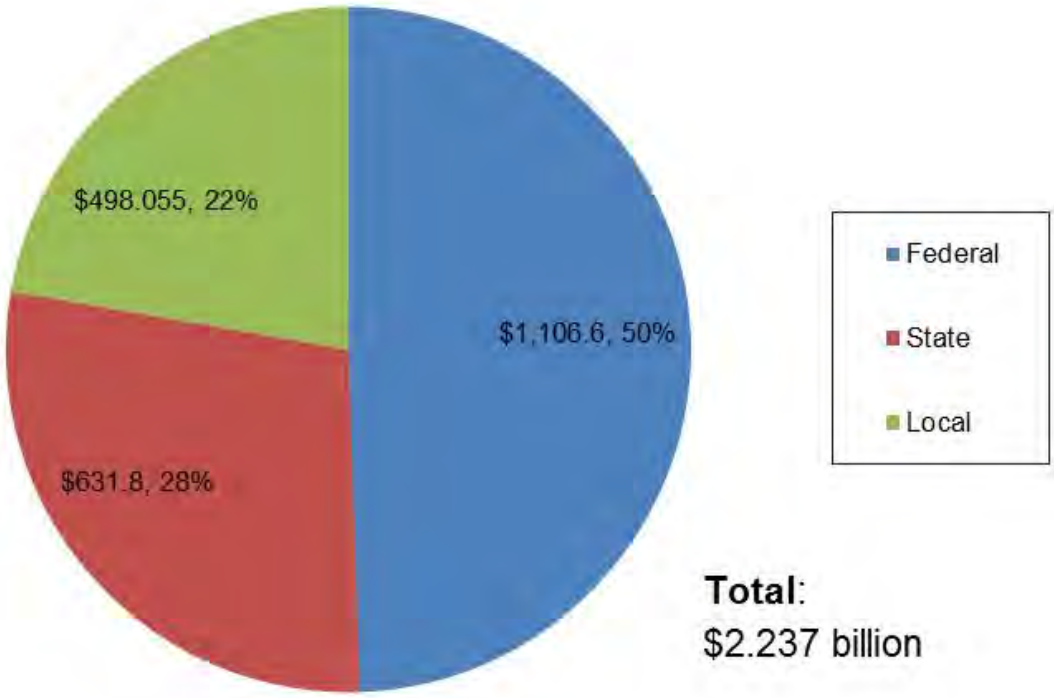
($ in millions)



Total: $595 million

Third Street Light Rail Transit Project Funding

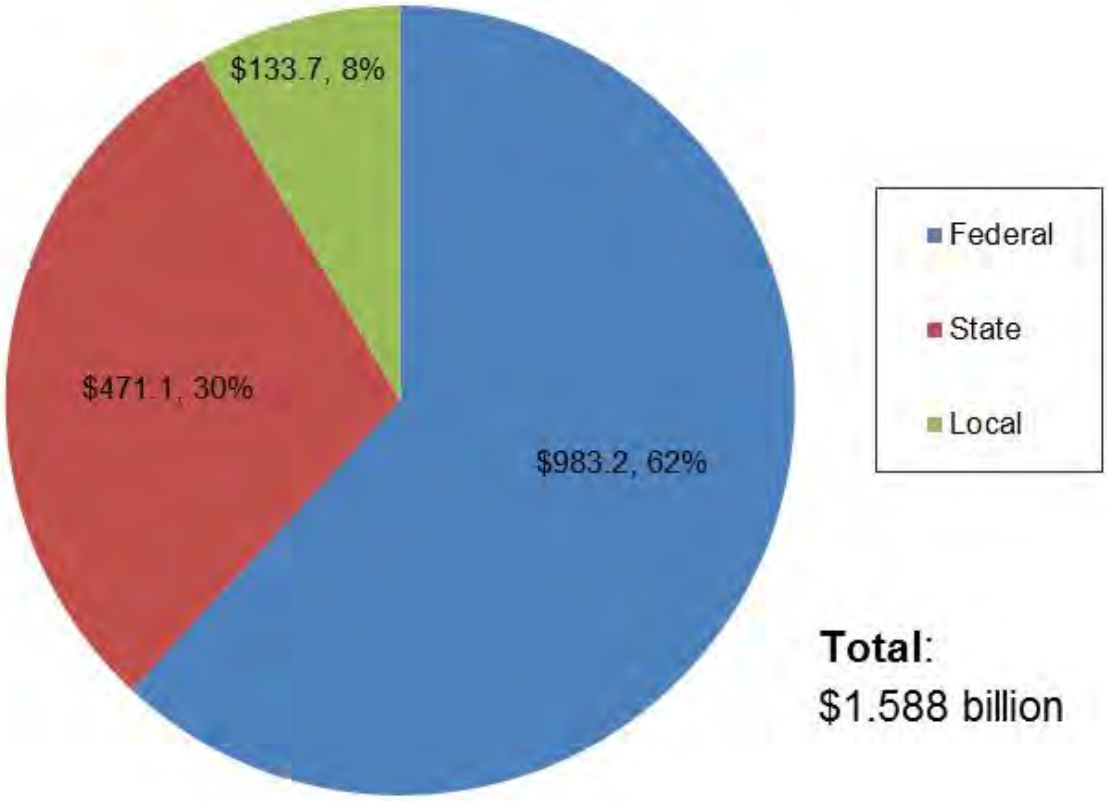
Phase 1 + Phase 2 + Retrieval Shaft Relocation
($ in millions)



Total:
$2.237 billion

Central Subway Project Funding

Phase 2 + Retrieval Shaft Relocation
($ in millions)

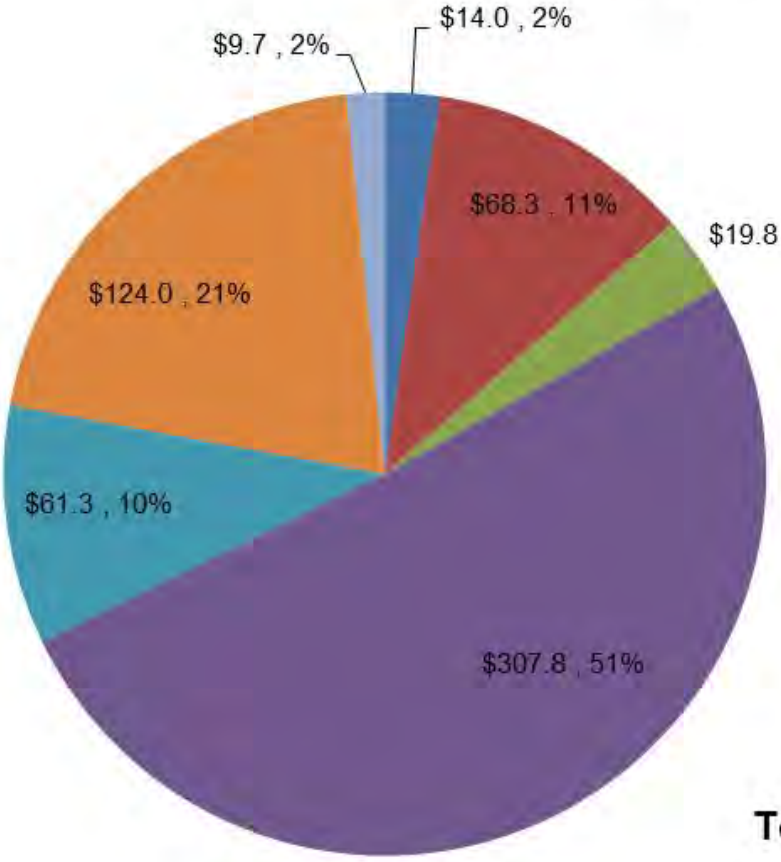


Total:
$1.588 billion

State and Local Funding

Phase 2 + Retrieval Shaft Relocation

($ in millions)



Total: $604.8 million

central T subway

Connecting people. Connecting communities.

Appendix D

COMPLETED CONTRACTS

Moscone Station and Portal Utility Relocation

Contract 1250

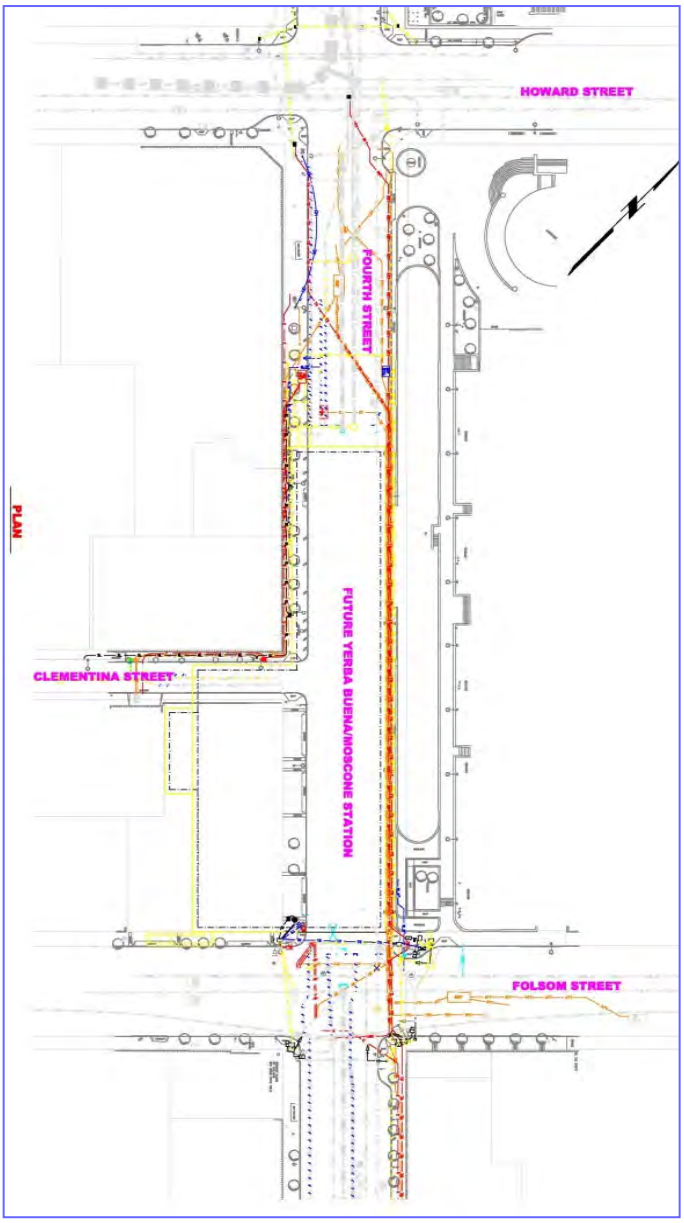
Contractor: Synergy Project Management, Inc.

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

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

Description

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



Status

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

Union Square/Market Street Station Utility Relocation

Contract 1251

Contractor: Synergy Project Management, Inc.

Budget/Expenditures	
Category	Amount
Original Budget	$22,199,847
Expenditures Final	$20,669,081
Utility Reimbursements	(7,413,510)
Final Program Costs	$13,176,169
Budget Impact (Underrun)	**($9,023,678)**

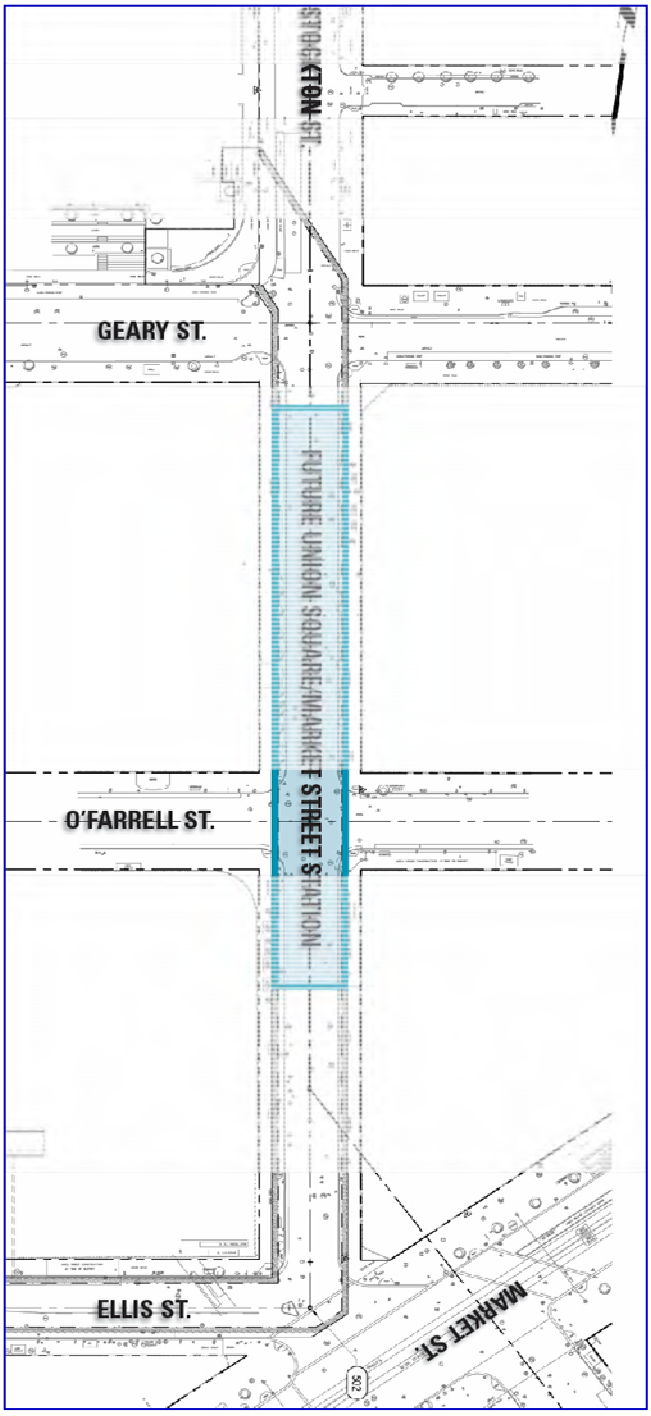
Contract Details	
Contract Awarded:	December 7, 2010
Notice to Proceed:	January 12, 2011
Substantial Completion:	August 16, 2012
Contract Award Value:	$16,832,550
Modifications Final:	$3,836,531
Final Contract Value:	$20,669,081

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

Description

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



Central Subway Pagoda Palace Demolition

Contract 1277 Contractor: MH Construction

Work Description

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

- 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**

central T subway

Connecting people. Connecting communities.

Appendix E

SBE PARTICIPATION

Quarterly Report

Current Report: October 2020 to December 2020

central T subway

Connecting people. Connecting communities.

PROGRAM SUPPORT CONTRACTS – SBE PARTICIPATION

Appendix E presents the Central Subway Program Small Business Enterprise or SBE goals and the actual SBE participation achieved to date – as of December 31, 2020.[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

				A	B	C	D	E	F	G
	Contract No.	Contractor	Services/Segment	Contract Amount	SFMTA SBE Contract Goal	Contract Expenditure to Date (Est.)	SBE Actual to Date	SBE Contract $s = A * B	SBE Amount to Date '= C * D	Contractor's SBE Goal (in Bid)
A	**Project Professional Services Contracts**			*millions*		*millions*		*millions*	*millions*	
1	**149**	CS Partnership	Project Management	$147.38	30%	$102.98	32.4%	$44.21	$33.39	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%	$49.83	32.0%	$16.43	$15.95	36.4%
5	**155-3**	HNTB, Inc.- B&C	Systems, Track & Surface Station Design	$18.89	30%	$18.89	25.8%	$5.67	$4.87	30.0%
	Subtotal Professional Services			***$246.10***		***$189.73***		***$73.15***	***$59.56***	
B	**Project Construction Contracts**			*millions*		*millions*		*millions*	*millions*	
1	**1250**	**Synergy Inc**	**Utility Relocation 1**	$11.97	20%	$11.97	97.2%	$2.39	$11.63	96.4%
2	**1251**	**Synergy Inc**	**Utility Relocation 2**	$20.70	20%	$20.70	87.4%	$4.14	$18.10	94.9%
3	**1252**	**BIH**	**Tunnels and Portal - in Construction**	$239.97	6%	239.97	5.8%	$14.40	$13.88	6.1%
4	**1277**	**MH Construction**	**Pagoda Demolition**	$0.65	100%	$0.65	100.0%	$0.65	$0.65	100.0%
5	**1300**	Tutor-Perini	Stations/Track/Systems - in Construction	1006.25	20%	$987.30	18.7%	$201.25	$184.22	25.5%
	Subtotal Construction Contracts			***$1,279.54***		***$1,260.59***		***$222.83***	***$228.47***	
	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 constructions contracts shown in **bold type, 1250, 1251 and 1277,** with gray background, are completed contracts. Little to no changes will be shown in future reports.

e) The SBE Hill International Actual to Date SBE participation is 29.3% 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 #87 December 2020, 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.

central T subway

Connecting people. Connecting communities.

Active Professional Services Contracts - SBE Participation Details

As of: 12/31/2020

Contract:	**Project Management and Construction management**	
Contract No.	**CS-149 Central Subway Partnership***	
Status:	On-going	
	Base Contract Value	$97,715,988
	Approved Change Orders	-0-
	Current Contract Value	$147,375,171
	Expended to Date (est.)	102,982,284
	% Expended	69.9%
	SBE SFMTA Goal	30.0%
	SBE Participation	32.4%

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.)	49,832,278.08
	% Expended	91.0%
	SBE SFMTA Goal	30.0%
	SBE Participation	32.0%

Contract:	**DP 3 Systems, Track work,**	
Contract No.	**CS-155-3 HNTB-B&C***	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	18,549,417.00
	Approved Change Orders (9)	$2,735,209
	Current Contract Value	$21,284,626
	Expended to Date (est.)	18,891,452
	% Expended	88.8%
	SBE SFMTA Goal	30.0%
	SBE Participation	25.8%

* denotes accrual

central T subway

Connecting people. Connecting communities.

Active and Completed Construction Contracts - SBE Participation Details

	Data as of:	12/31/2020
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	$166,575,357
	Current Contract Value	$1,006,251,757
	Expended to Date (est.)	987,295,894
	% Expended	98.1%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	18.7%

Photos on the next page:

(top to bottom) December 2020: At Chinatown Station, stairs to Platform level progress. Ticketing near Geary Street at Union Square Market Street Station. At Yerba Buena/Moscone Station, Plaza progress near entrance gate. Freshly painted platform ramp at Surface, Track, and Systems station.

central T subway

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

www.centralsubwaysf.com

www.twitter.com/central_subway

www.facebook.com/centralsubway

www.centralsubwayblog.com

www.youtube.com/municentralsubwaysf

www.flickr.com/municentralsubway

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

SFMTA