

## Transmittal

CS Transmittal No. 2618

<b>To:</b> Bernardo Bustamante Federal Transit Administration San Francisco Federal Building 90 7th Street, Suite 15-300 San Francisco, CA 94103-6701	<b>From:</b> Nadeem Tahir M544.1, CSP	<b>Project No./Contract No.:</b>
<b>Date:</b> January 28, 2022	<b>Task No./Title:</b> Cost/Schedule Management	<b>Project Phase:</b> Construction
	<b>Subject:</b> Quarterly Progress Report December 2021	

<b>Sent via:</b>	<input type="checkbox"/> mail	<input type="checkbox"/> overnight	<input type="checkbox"/> messenger	<input type="checkbox"/> hand-delivered
	<input type="checkbox"/> fax – No:		<input checked="" type="checkbox"/> email – Address:	<a href="mailto:Bernardo.Bustamante@dot.gov">Bernardo.Bustamante@dot.gov</a>
<b>The following:</b>			<b>For your:</b>	
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<input type="checkbox"/> presentation	<input type="checkbox"/> review comment form	<input type="checkbox"/> response to comment		
<input type="checkbox"/> cd / dvd	<input type="checkbox"/> no review comment form	<input type="checkbox"/> concurrence		
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<input type="checkbox"/> half-size drawings	<input type="checkbox"/> response to comments	<input type="checkbox"/> verification		
<input type="checkbox"/> full-size drawings	<input type="checkbox"/> concurrence with response	<input type="checkbox"/> signature		
<input type="checkbox"/> sketches/maps/layouts	<input type="checkbox"/> verification of incorporation	<input type="checkbox"/> acceptance/approval		
<input type="checkbox"/> reference material	<input type="checkbox"/> acceptance/approval	<input type="checkbox"/> other		
<input type="checkbox"/> other				

Item No.	Copies	Description	Rev. No.	Date
1	1	Quarterly Progress Report (December 2021)	1	1/28/2022

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

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

*Nadeem Tahir*

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

cc:

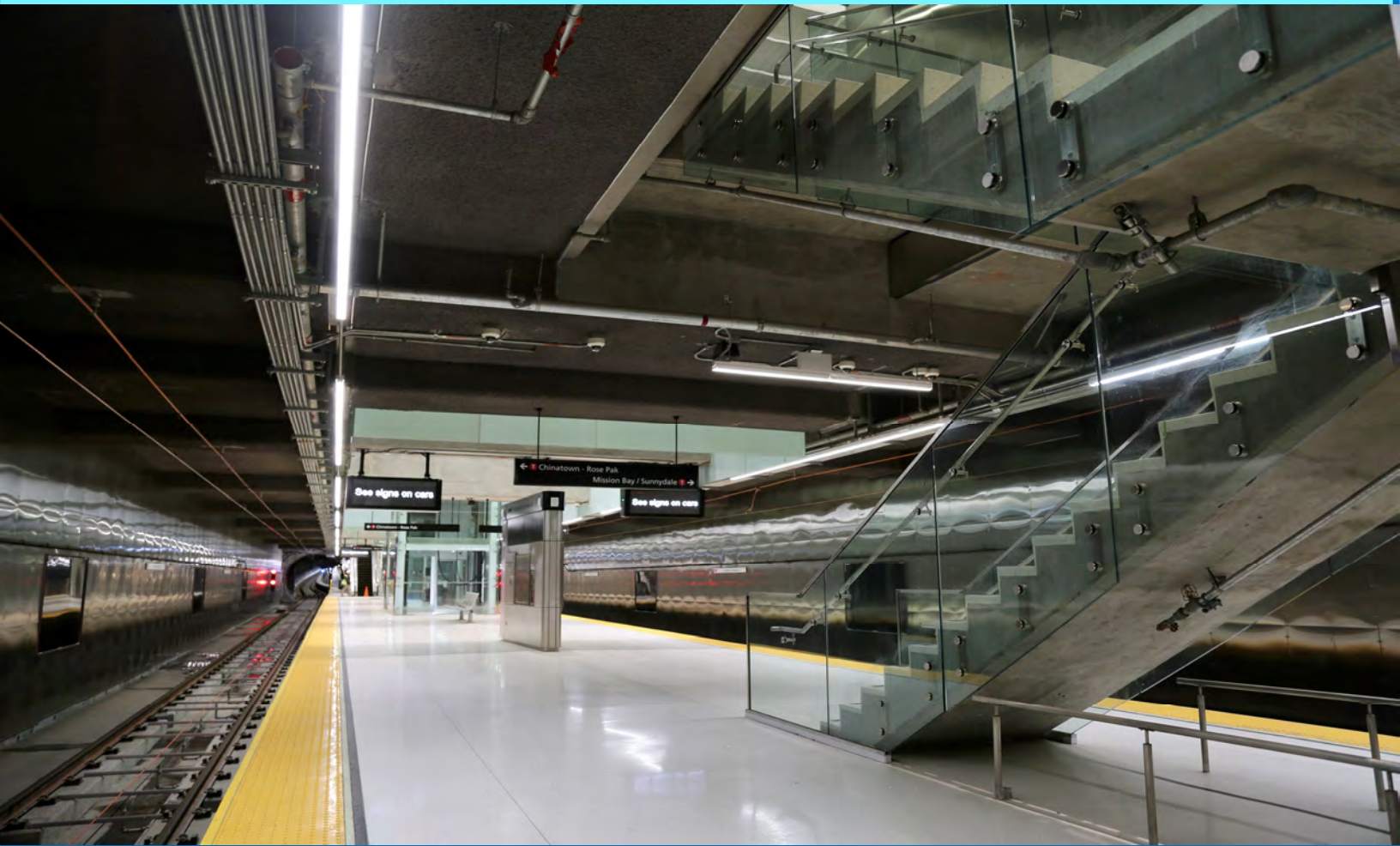
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CS File No. M544.1.5.0340.b

# central subway

## The Final Stretch



## Quarterly Progress Report

December 2021



SFMTA

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**Appendices**

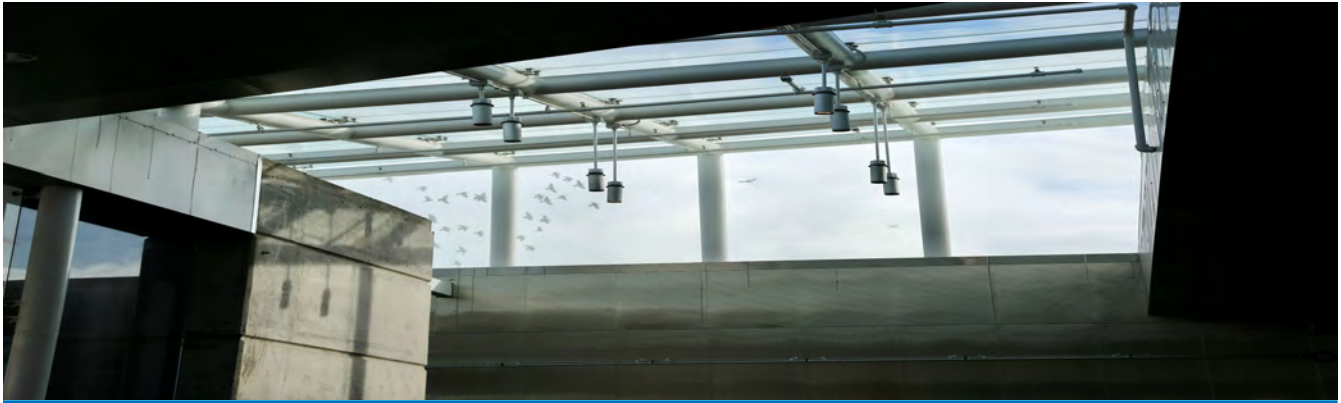
**Appendix A: Cost Report..... A1**  
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**Cover photo: View from YBM Platform**

**Above photo: UMS concourse with the ceiling light art on**

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



*YBM Headhouse view from escalators*

## **Executive Summary**

**Coronavirus Pandemic (COVID 19)** - On March 17, 2020, the Mayor and the City's Health Office issued a Public Health Order to "Shelter-In-Place" in response to the COVID-19 pandemic. The City's Health Office continues to adjust these restrictions with changing conditions including Delta and Omicron variants of COVID which requires the City to adjust guidelines for indoor and outdoor activities. With changing COVID conditions, the City's Health Office has adjusted guidelines related to masking and distancing for indoor and outdoor activities along with booster vaccination shots for those eligible. Construction of the Central Subway project continues to progress, and Construction Management team continues to monitor impact of the COVID restrictions on project schedule. Four cases were reported for the month of December. The Contractor continues to follow the required protocol to maintain the safety of the work force. The project continues to progress towards substantial completion and startup and testing. Train testing continues as the project moves forward with startup and testing requirement. The project has worked with our funding partners and has issued a revised Full Funding Grant Agreement requesting extension to the Revenue Service Date (RSD). With the surge of the Omicron variant of COVID, restrictions continue to be adjusted; the project team continues to have essential project staff on site to ensure safety of the staff and allow other staff to telecommute. The City has allowed staff to telecommute through February 14, 2022, while evaluating the changing conditions as these dates may be extended. (For additional discussion, please see Safety and Security section on pg. 34).

**Chinatown Station** - Completed installing receptacles at Escalator pits. Completed installing seismic bracing for traction power conduits at Underplatform level. Cubic completed installing faregates at Concourse level. Continued testing Elevators and Escalators. Continued Security System Testing. Continued train testing at crossover and train platform. Continued street work (minor), ongoing monitoring and surveying.

**Union Square/Market Street Station** - Begin waterproofing scallop walls and installing door sweeps. Begin connection and software installation to EOP panel. Continued cleaning Escalator. Continue installing blue light fixtures and preparing for state inspection of Elevator. Continued installation of fare gates. Continued general cleaning.



*YBM Headhouse view from escalators*

## **Executive Summary continued**

**Yerba Buena/Moscone Station** - Completed punch list work for Elevator 1, 2, 3 and 4 for construction and functionality testing. Started installing emergency (ET) blue light phones at all levels. Complete Traction Power Gear and SACA testing. Complete CCTV testing for Elevators. Complete room pressure tests. Complete Daiken Testing of reworked systems.

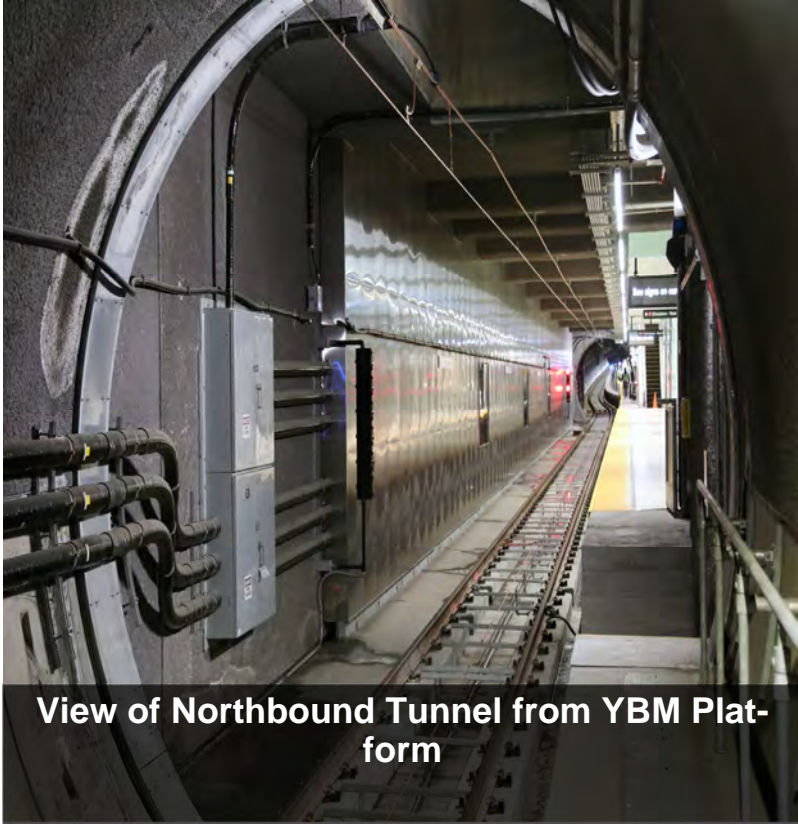
**Surface, Track and Systems**– Completed installing grounding for mini power centers in tunnels. Continued streetlighting, trolley and light rail OCS installation. Continued installation of ATCS and radio system testing. Continued 4th/Brannan platform construction.

Total net incurred costs for the project are \$1,877.16 million. The project continues to review the overall cost. The current Estimate at Completion (EAC) is projected to be \$1.891B or \$313M above the original budget of \$1.578B. We expect the Central Subway to open for revenue service in Summer 2022, so the ribbon cutting will be sometime between July and September. (For additional discussion, please see Costs and Schedule on pg.8)

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

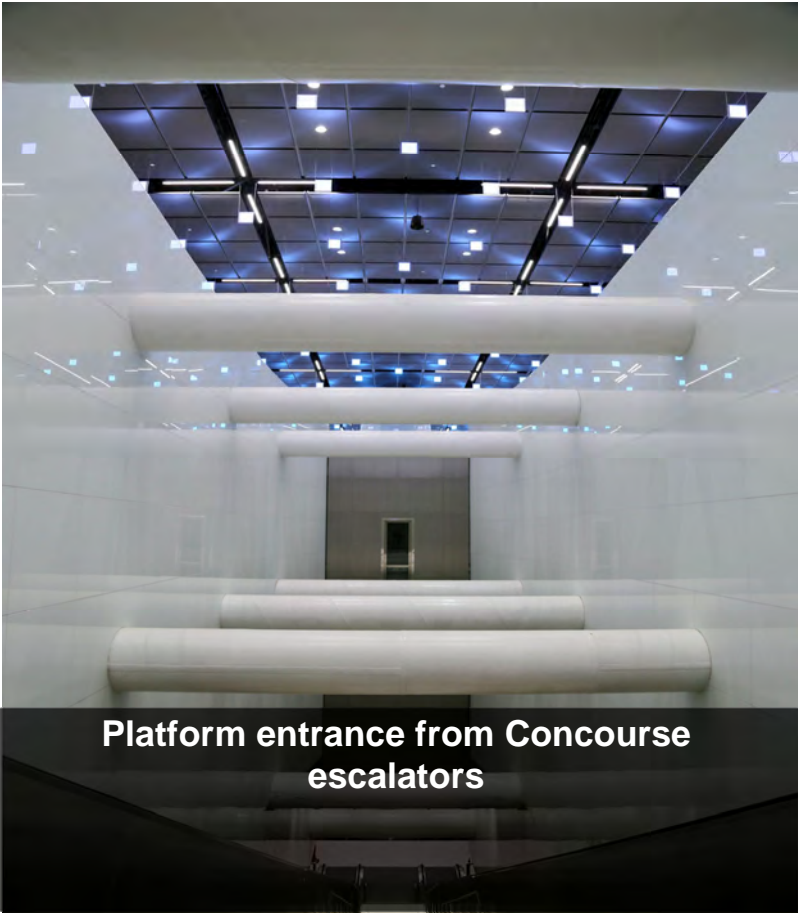


# Key Milestones

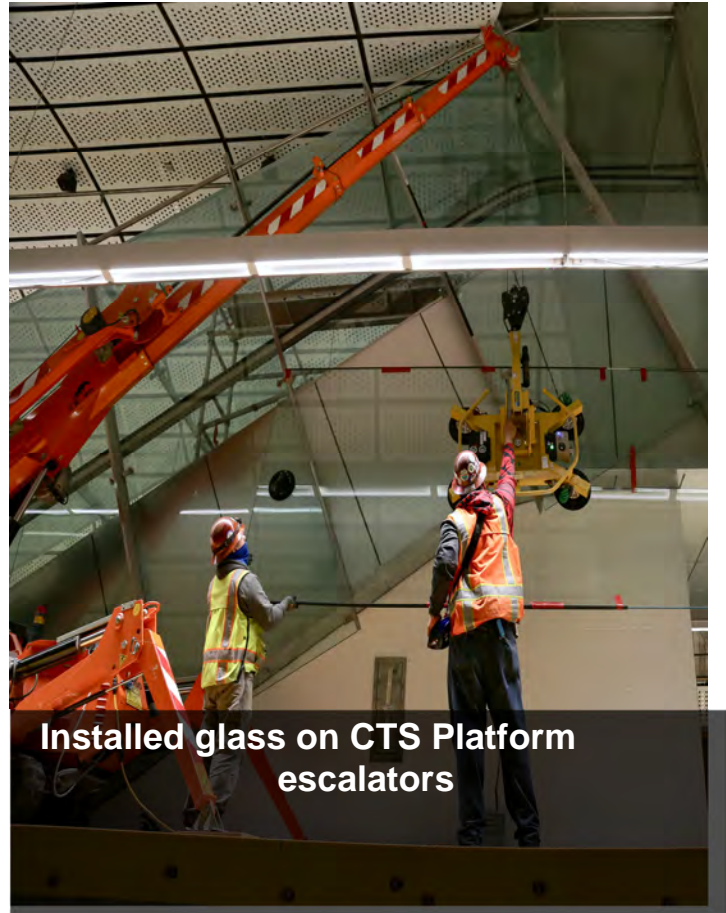


**View of Northbound Tunnel from YBM Platform**

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



**Platform entrance from Concourse escalators**



**Installed glass on CTS Platform escalators**



# Costs and Schedule

## Costs (See Appendix A for Details)

The revised Cost Estimate (CCE) for the Central Subway Project is \$1.877 billion in year of expenditure dollars (\$YOE). The project continues to work with our funding partners to address the current funding issues. Currently, the project estimates the Estimate at Completion (EAC) to be \$1.891 B or \$313M above the original budget of \$1.578B. These revised estimates have been shared with our board and funding partners.

Total net incurred costs for the project are \$1,877.16 million. The cost to date figure reflects expenditures through FAMIS 786 Report (\$1,869.44 million) plus the utilities joint trench Form B Reimbursement payment (\$12.51 million), invoices currently being processed (\$17.95 million) and estimates of outstanding pay requests credits of (\$22.72 million). The project has worked with Finance and Grants to secure and book all of the remaining funds to the program.

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

## Earned Value Analysis

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

### Preliminary December Earned Value

Overall Budgeted Cost:	\$1,900,275,322
Planned Value:	\$1,593,491,019
Earned Value:	\$1,503,432,135
Actual Cost:	\$1,877,155,472
Schedule Performance Index (SPI):	0.94
Cost Performance Index (CPI):	0.80
Percent Complete:	94.4%

\*December 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 December 2021. The December 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 December 2021 Schedule Update.

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

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

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

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

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

The Contractor, Tutor Perini Corporation's (TPC) baseline schedule is incorporated into the master program schedule. The preliminary SFMTA Contract 1300 December 2021 schedule is used within the September Report. The SFMTA Contract 1300 December 2021 schedule is based on the approved baseline schedule logic with adjustments made as mentioned above. The SFMTA will continue to use the SFMTA Contract 1300 schedule update as a forecasting tool going forward until the Contract 1300 Contractor submits an acceptable schedule that addresses all of SFMTA scheduling concerns.

## Schedule Highlights - Continued

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

- Continued testing Elevators 1, 2, 3, and 4
- Continued testing Escalators 1, 2, 3, 4, 5, and 6
- Continued Security System Testing
- Continued Testing Fire Alarm System components
- Continued train testing at Crossover Cavern and Train Platform
- Main Electrical room switchgear water damaged. NCN letter transmitted to Contractor. Repairs to electrical equipment performed by Contractor. Contractor provided repair documentation for review
- Cubic completed installing faregates at Concourse Level
- Continue installing Metal Art Panels at Upper Mezz Level South Wall and Concourse Level North Wall
- Continue mitigating water leaks at Station Headhouse
- Completed installing receptacles at Escalator pits
- Completed installing seismic bracing for Traction Power conduits at Underplatform level
- Contractor continued closing out internal punch list items
- Continue plaza parapet construction in preparation for plaza glass artwork
- Continued installing GFRC panels at Surface/Plaza level
- PG&E crew completed maintenance work at electrical vaults to address station water intrusion
- Continued street work (minor), ongoing monitoring and surveying

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

- Begin water proofing of scallop walls at Platform level
- Begin installing door sweeps at Mezzanine level
- Begin connection and software installation to EOP panel
- Continued cleaning Escalator 1, 2, 3, 4,5, and 6
- Continued working on area of refuge at Platform level
- Continued installing blue light fixtures on Concourse level
- Continued preparation for state inspection of Elevator 4
- Continued installing reinforcements for unscheduled opening at Mezzanine level
- Continued installation of fare gates
- Continued general cleaning as required

## Schedule Highlights - Continued

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

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

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

- Continued 4th/Brannan platform construction
- Continued streetlighting installation
- Continued surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continued trolley and light rail OCS installation on 4th Street
- Started traffic signal mast arm installation on 4th Street
- Completed installing grounding for mini power centers in tunnels
- Continued cross-bonding installation for CTS crossover
- Continued OCS, track and miscellaneous punch list work
- Continued ATCS and radio system testing



# Master Project Schedule

Activity ID	Activity Name	Start	End	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>CENTRAL SUBWAY PROJECT</b>													
<b>Program Level Milestones</b>													
PJ0106	Central Subway Project Start	01-Jan-19	31-Dec-21										
M0000A	Final Design Complete - Project Milestone 00A	01-Jan-19	31-Dec-21										
M0001B	Baseline Finish Date (12-31-2018)	01-Jan-19	31-Dec-21										
M0002B	CRP Revenue Service Date	01-Jan-19	31-Dec-21										
<b>Preliminary Engineering Phase</b>													
100	Final Design	01-Jan-19	31-Dec-21										
110	Light Rail Vehicles	01-Jan-19	31-Dec-21										
115	Final Estimate	01-Jan-19	31-Dec-21										
<b>Construction Phase</b>													
210	Construction Support and Coordination	01-Jan-19	31-Dec-21										
215	Construction Utility Contract #1, MO3 & Portal CH-1250	01-Jan-19	31-Dec-21										
220	Construction Utility Contract #2, UMS CH-1261	01-Jan-19	31-Dec-21										
225	Construction Tunnels CH-1262	01-Jan-19	31-Dec-21										
230	Construction B19 P-1206 ATCS	01-Jan-19	31-Dec-21										
235	Construction B19 P-1200X Radix	01-Jan-19	31-Dec-21										
240	Construction CH-1200	01-Jan-19	31-Dec-21										
245	CH-1200 Milestone	01-Jan-19	31-Dec-21										
250	Construction UMS Station P-1263	01-Jan-19	31-Dec-21										
255	Construction U18 Station P-1268	01-Jan-19	31-Dec-21										
260	Construction YRM Station P-1265	01-Jan-19	31-Dec-21										
265	Construction B19 P-1206	01-Jan-19	31-Dec-21										
<b>Project Start Up</b>													
300	Project Start Up	01-Jan-19	31-Dec-21										
<b>Unallocated Contingency</b>													
310	Unallocated Contingency	01-Jan-19	31-Dec-21										

Required Revenue Service Date: 28-Dec-18  
Data Date: 28-Oct-21

ST MTA Central Subway Project  
Master Project Schedule  
Summary Schedule - December 2021



*CTS Headhouse art installation*

## **Contracts & Construction**

### Construction Contracts In Progress

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

- Contractor: Tutor - Perini Corporation
- Amount: \$1,144.65 million
- Contract Status: 96.96% 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

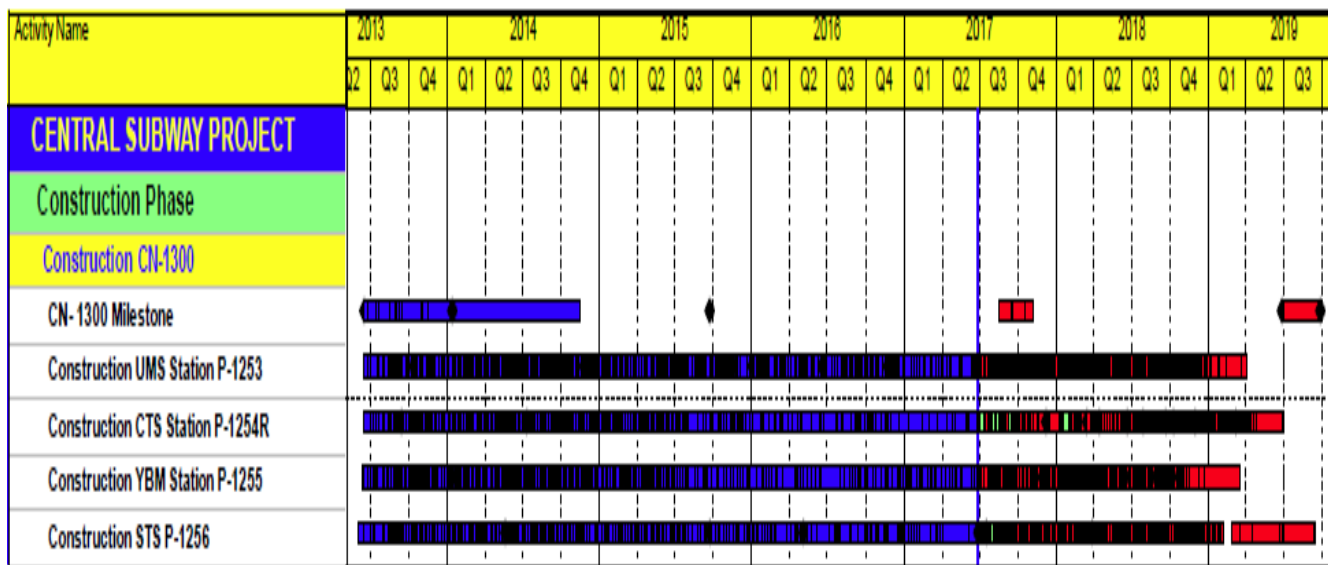
The Contract 1300 scope is to construct the Central Subway's three subway stations, one surface station, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

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 (\$):	\$304,970,114
Modifications to Date (Days):	1,052
Current Contract Value:	\$1,144,646,514

Budget/Expenditures▲	
Current Budget	\$1,130,545,999
Other Project Offset Credits	\$12,483,280
Expenditures to Date	\$1,137,947,214

## 1300 Summary Schedule

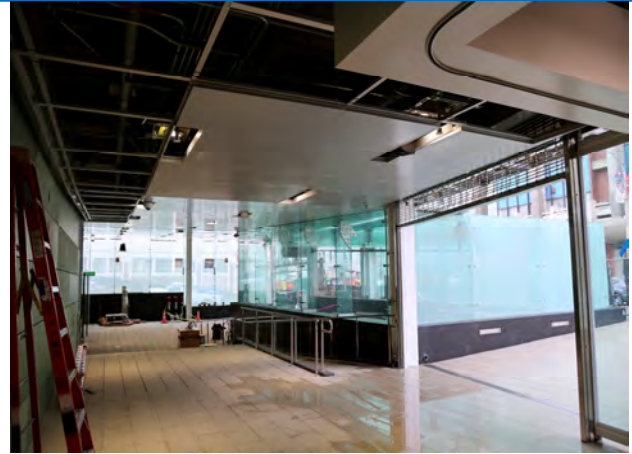


# Chinatown Station

## Contract 1300 - Work Package 1254R

### Description of Work

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



### Current Work Status

- Continued testing Elevators 1, 2, 3, and 4
- Continued testing Escalators 1, 2, 3, 4, 5, and 6
- Continued Security System Testing
- Continued Testing Fire Alarm System components
- Continued train testing at Crossover Cavern and Train Platform
- Main Electrical room switchgear water damaged. NCN letter transmitted to Contractor. Repairs to electrical equipment performed by Contractor. Contractor provided repair documentation for review
- Cubic completed installing faregates at Concourse level
- Continue installing Metal Art Panels at Upper Mezz level South Wall and Concourse level North Wall
- Continue mitigating water leaks at Station Headhouse
- Completed installing receptacles at Escalator pits
- Completed installing seismic bracing for Traction Power conduits at Underplatform level
- Contractor continued closing out internal

punch list items

- Continue plaza parapet construction in preparation for plaza glass artwork
- Continued installing GFRC panels at Surface/Plaza level
- PG&E crew completed maintenance work at electrical vaults to address station water intrusion
- Continued street work (minor), ongoing monitoring and surveying

### Work Expected Next Month

- Complete testing Elevators 1, 2, 3 and 4
- Complete testing Escalators 1, 2, 3, 4, 5 and 6
- Cubic to install ticket vending machines
- Complete installation of Metal Art Panels at Upper Mezz Level South Wall and Concourse Level North Wall
- Continue mitigating water leaks at Station Headhouse
- Contractor continue closing out internal punch list items
- Complete Security System Testing
- Complete Access Control System Testing



# Chinatown Station

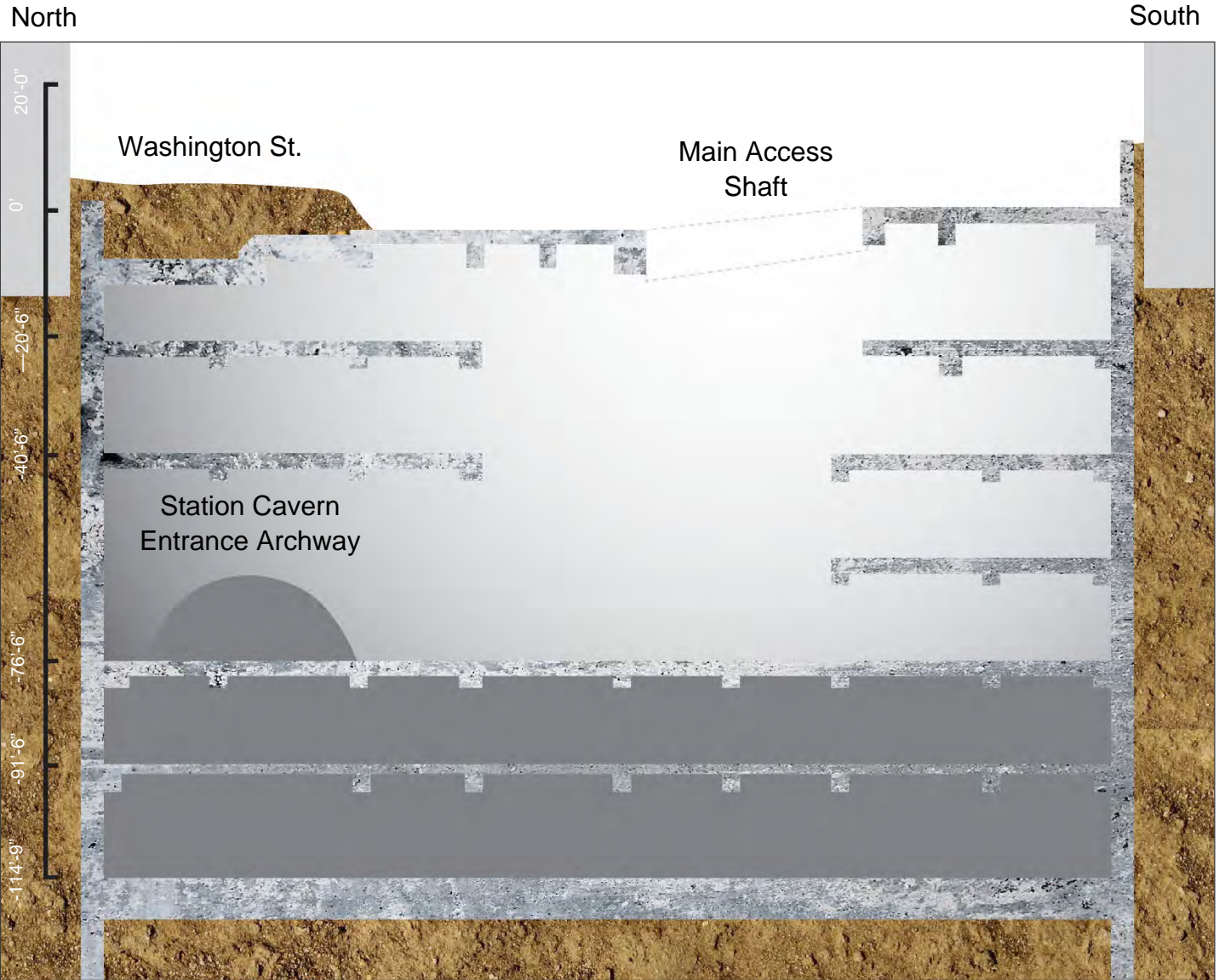
## *Contract 1300 - Work Package 1254R*

- Complete Fire Alarm System Testing
- Complete HVAC System Testing
- Continue cavern grouting to embed waterproof membrane
- Complete installing GFRC panels at Surface/Plaza level
- Continue street work (minor), ongoing monitoring and surveying

### Three Month Look Ahead

- Abandon dewatering wells on Stockton Street
- Install street traffic signal pole, pullboxes, and control box at intersection of Stockton/Washington
- Complete cavern grouting to embed waterproof membrane
- Complete safety certification checklist field items
- Obtain SFDBI final sign offs
- Obtain SFFD final sing offs
- Obtain Cal OSHA certifications

### Station Construction Progress Section



# Chinatown Station Construction Status - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	Spring 2021
Contract Award Value:	\$247,567,810
Modifications to Date (\$):	\$157,529,850
Modifications to Date (Days):	1,052
Current Contract Value:	\$405,097,660

Budget/Expenditures	
Current Budget	\$392,247,198
Other Project Offset Credits	\$9,435,183
Expenditures to Date	\$389,307,749

## CTS Three Month Schedule

Activity ID	Activity Name	2021						
		Dec	Jan	Feb	Mar	Apr	May	Jun
<b>CENTRAL SUBWAY PROJECT</b>								
<b>Construction Phase</b>								
<b>Construction CN-1300</b>								
<b>Construction CTS Station P-1264R</b>								
<b>Site Work / Utility Relocation</b>								
<b>Demolition</b>								
<b>Mechanical</b>								
<b>No 13-Location</b>								
CTS.23.88.512	CTS_UP 04 - Emerge Fan Rim: Install - Tunnel Ventilation Fans (3 each)	■	■					
CTS.26.05.565	CTS_LM 13 - Elevator Closet: Install - Elevator Controller	■						
CTS.23.74.232	CTS_Roof - HVAC Area: Form/Pour/Cure - Concrete Pad for Condenser (HR-1 & HR	■						
CTS.23.05.140	CTS_UM Perform: HVAC: Test & Balance - Upper Mezz Level		■					
<b>Misc Metal</b>								
<b>Electrical</b>								
<b>Architectural Finishes</b>								
<b>No 13-Location</b>								
CTS.08.11.554	CTS_PL 17 - Corridor - Install - Double Door & Hardware (PL-17B)	■	■					
CTS.10.14.155	CTS_MZ 02 - Install - Signage	■	■					
CTS.05.50.532	CTS_CN 02 - Station Agent Booth: Install - Red Metal Cladding	■						
CTS.12.10.100	CTS_CN Install: Art - Powder Coated Steel Panels - Concourse Ticketing Hall	■	■					
CTS.12.10.110	CTS_UM Install: Art - Powder Coated Steel Panels - Upper Mezzanine Landing	■	■					
CTS.12.10.140	CTS_CN Install: Art - Mosaic Panel Wall Art - Cross Cut Cavern End Wall	■	■					
CTS.12.10.170	CTS_Provide Structure As-Built Measurements - Platform	■						
CTS.12.10.180	CTS_UM Provide Structure As-Built Measurements - Upper Mezz	■						
CTS.12.10.045	CTS_CN Provide Structure As-Built Measurements - Concourse	■						
CTS.12.10.200	CTS_Provide Structure As-Built Measurements - Entrance Roof Level	■						
CTS.12.10.190	CTS_Provide Structure As-Built Measurements - Surface Level	■						
CTS.12.10.150	CTS_Install: Art - Composite Panel Wall Art - Above Stockton St Entrance	■	■					
CTS.12.10.160	CTS_Install: Art - Composite Glass Panel Wall Art - South Platform	■	■					
CTS.12.10.120	CTS_Install: Art - Composite Panel Wall Art - Above Washington St Entrance	■	■					
CTS.12.10.130	CTS_Install: Art - Composite Glass Panel Wall Art - North Platform	■	■					
CTS.01.64.230	CTS_CN Install: Owner Furnished Historical Display Cases	■	■					
CTS.01.64.235	CTS_CN Vendor Install: Owner Furnished Fare Gates	■	■					
CTS.01.64.240	CTS_CN Vendor Install: Owner Furnished Ticket Vending Machines	■	■					
<b>Conveyances</b>								
<b>HeadHouse</b>								
CTS.14.31.505	Startup & Inspect Escalators 3&4 (Concourse to Upper Mezz)	■	■					
<b>Cross Cut Cavern</b>								
CTS.14.24.285	CTS-PL 05: Startup & Test Elevators 1&2	■	■					
CTS.14.24.295	CTS-PL 05: Inspections - Elevators 1&2	■	■					

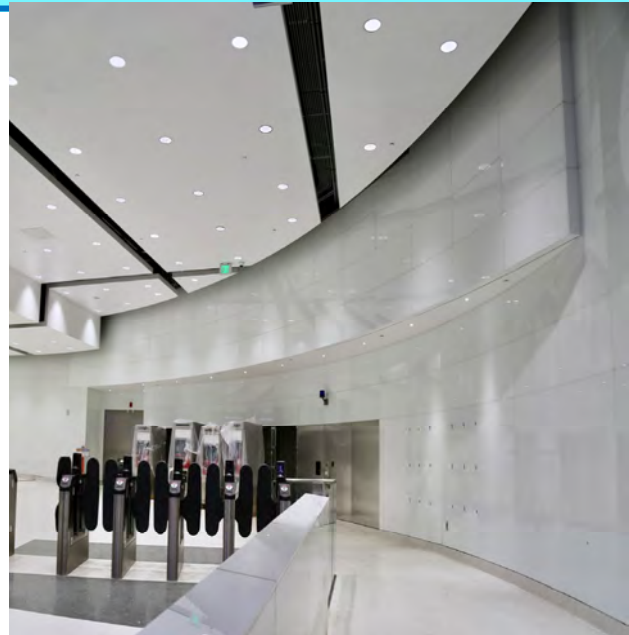


# Union Square/Market Street Station

Contract 1300 Work Package 1253

## Description of Work

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



## Current Status This Month

- Begin water proofing of scallop walls at Platform level
- Begin installing door sweeps at Mezzanine level
- Begin connection and software installation to EOP panel
- Continued cleaning Escalator 1, 2, 3, 4,5, and 6
- Continued working on area of refuge at Platform level
- Continued installing blue light fixtures on Concourse level
- Continued preparation for state inspection of Elevator 4
- Continued installing reinforcements for un-scheduled opening at Mezzanine level
- Continued installation of fare gates
- Continued general cleaning as required

## Work Expected Next Month

- Continue water proofing of scallop walls on Platform level
- Begin installation of handrail at ADA ramp on UMS plaza level
- Complete cleaning of emergency exit hatch on O'Farrell Street
- Perform internal inspection for elevator 1 &2
- Continue installing reinforcements for un-scheduled openings at Mezzanine level
- Continue installation of fare gates
- Complete area of refuge work related to 30"x30" required opening
- Begin installation of antennas for service providers

## Three Month Look Ahead

Completion of the following:

- Installation of TVM and fare gates
- Cleaning the station
- Waterproofing of scallop walls



# Union Square/Market Street Station

## Contract 1300 Work Package 1253

- Revising FSD layout at Platform level
- Installation of lights at Sector 6
- Installation of additional lights at Elevator 1 & 2 landing on Concourse level
- Revising drain layout at Stair 4 on Platform Strut level

Continued construction / begin installation and testing of the following:

- Overhead plumbing, fire protection piping and overhead fixture and electrical
- Access controls
- HVAC and EV Startup and Testing
- Power and Lighting Startup and Testing
- Fire Alarm /PA / Security System Startup and Testing

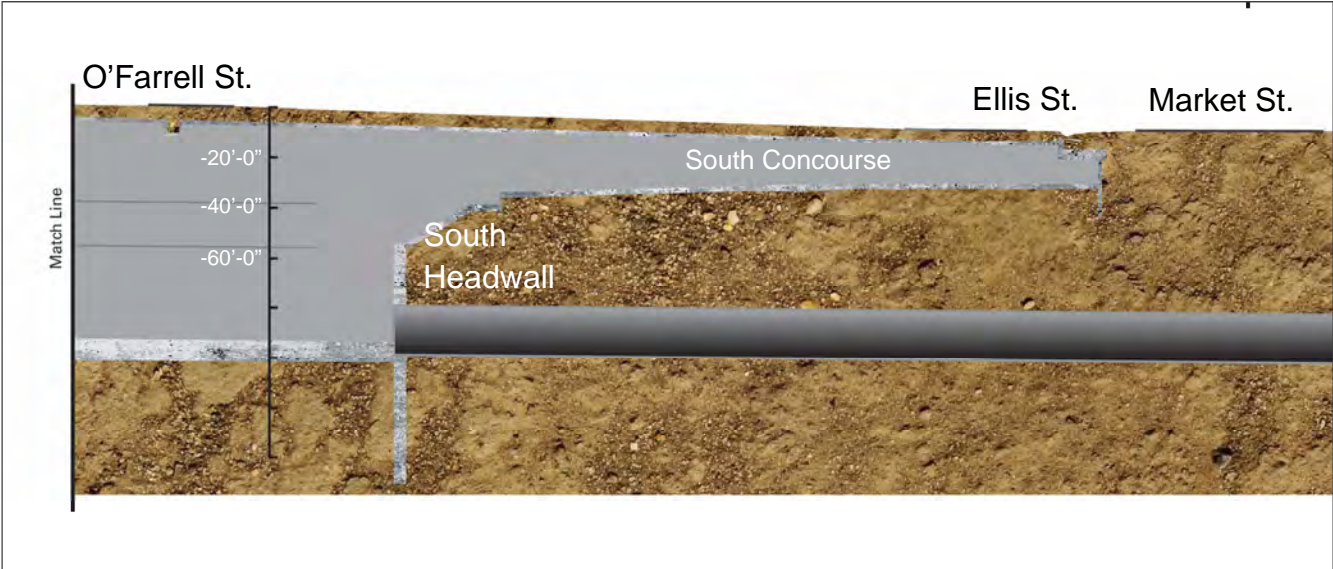
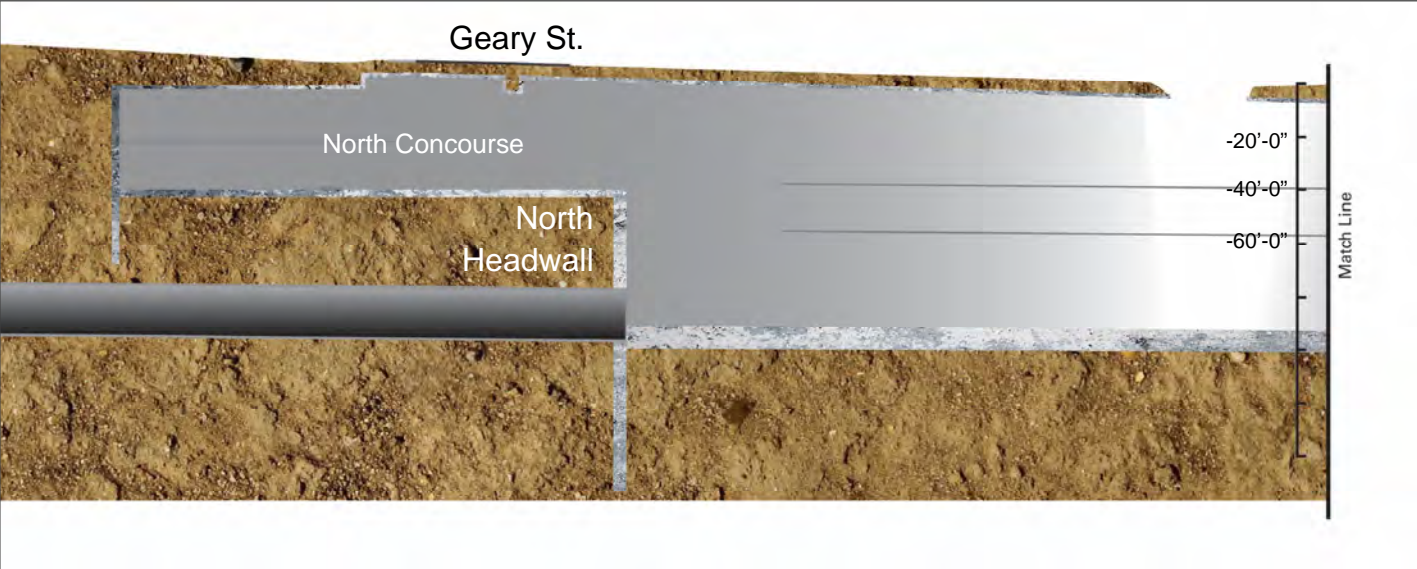


UMS light art across length of the Concourse Level

### Station Excavation and Construction Progress Section

North

South



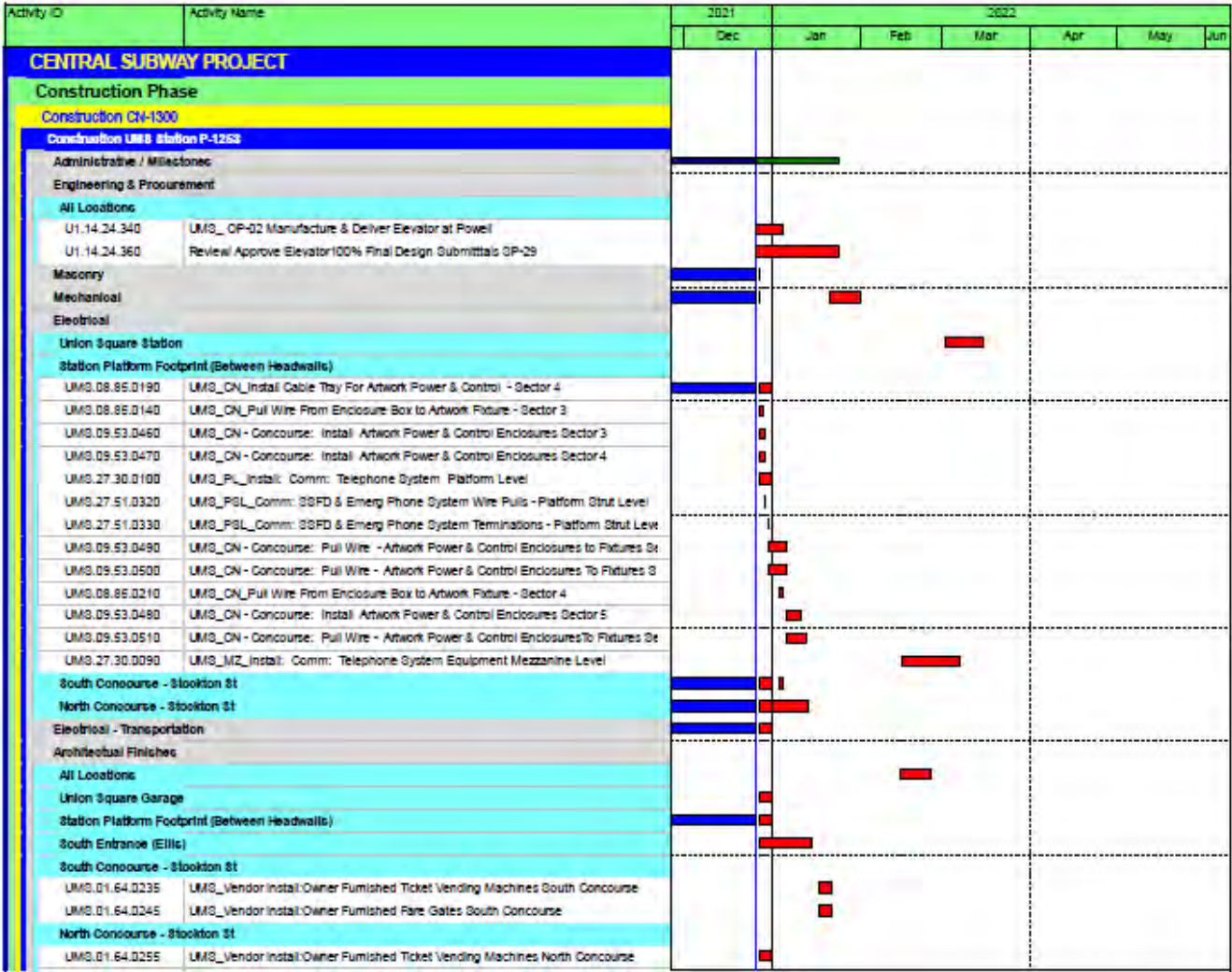


# Union Square Market Street Station Construction - Continued

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

Budget/Expenditures ▲	
Current Budget	\$314,030,590
Expenditures to Date	\$312,081,194

## UMS Three Month Schedule



# Yerba Buena/Moscone Station

## Contract 1300 - Work Package 1255

### Description of Work

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

### Current Status

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

### Work Expected Next Month

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



### Three Month Look Ahead

- Complete installing archeological display at Concourse level
- Complete installation of sculpture at Surface level
- Complete interior finishes on Mezzanine level
- Complete Station Agent Booth interior finish
- Install the remaining 1 VTM at Concourse level
- Complete Traction Power Gear Testing
- Complete Traction Power SCADA Testing
- Complete Deluge Spray Pattern demonstration with SFFD
- Complete terminating wire for blue light emergency phones



# Yerba Buena/Moscone Station

## Contract 1300 - Work Package 1255

- Complete metal cladding installation at Escalator 1, 2 and 3
- Complete Heat Recovery Coils and Air Balance test
- Complete Daiken Testing of reworked systems
- Complete room pressure tests
- Complete Elevators and Escalators functionality tests
- Complete installing emergency phones at all levels

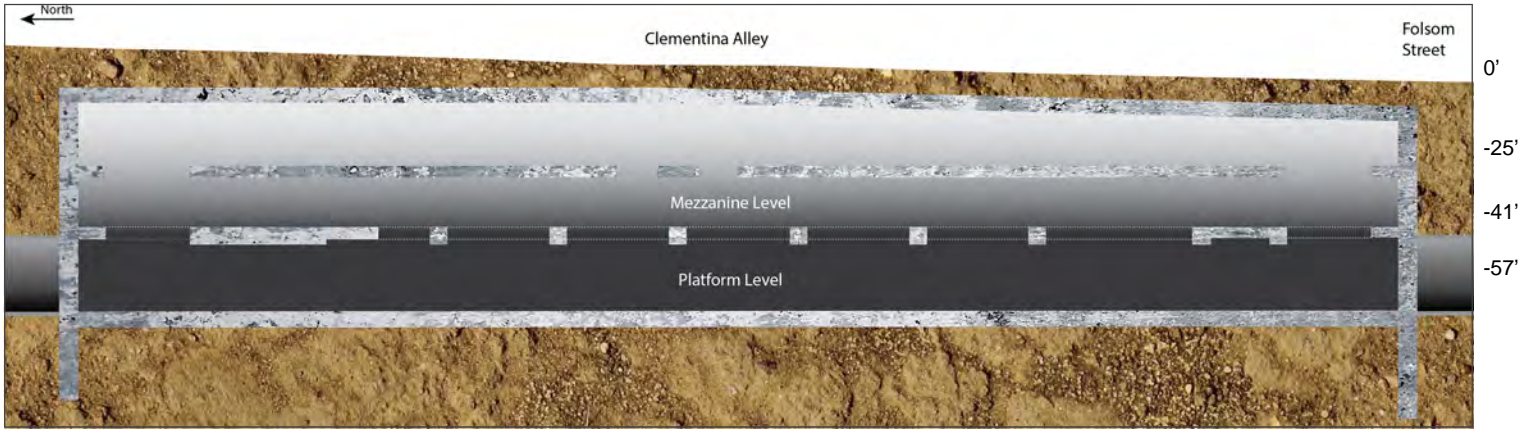


YBM Station Agent Booth with art installation

### Station Excavation and Construction Progress Section

North

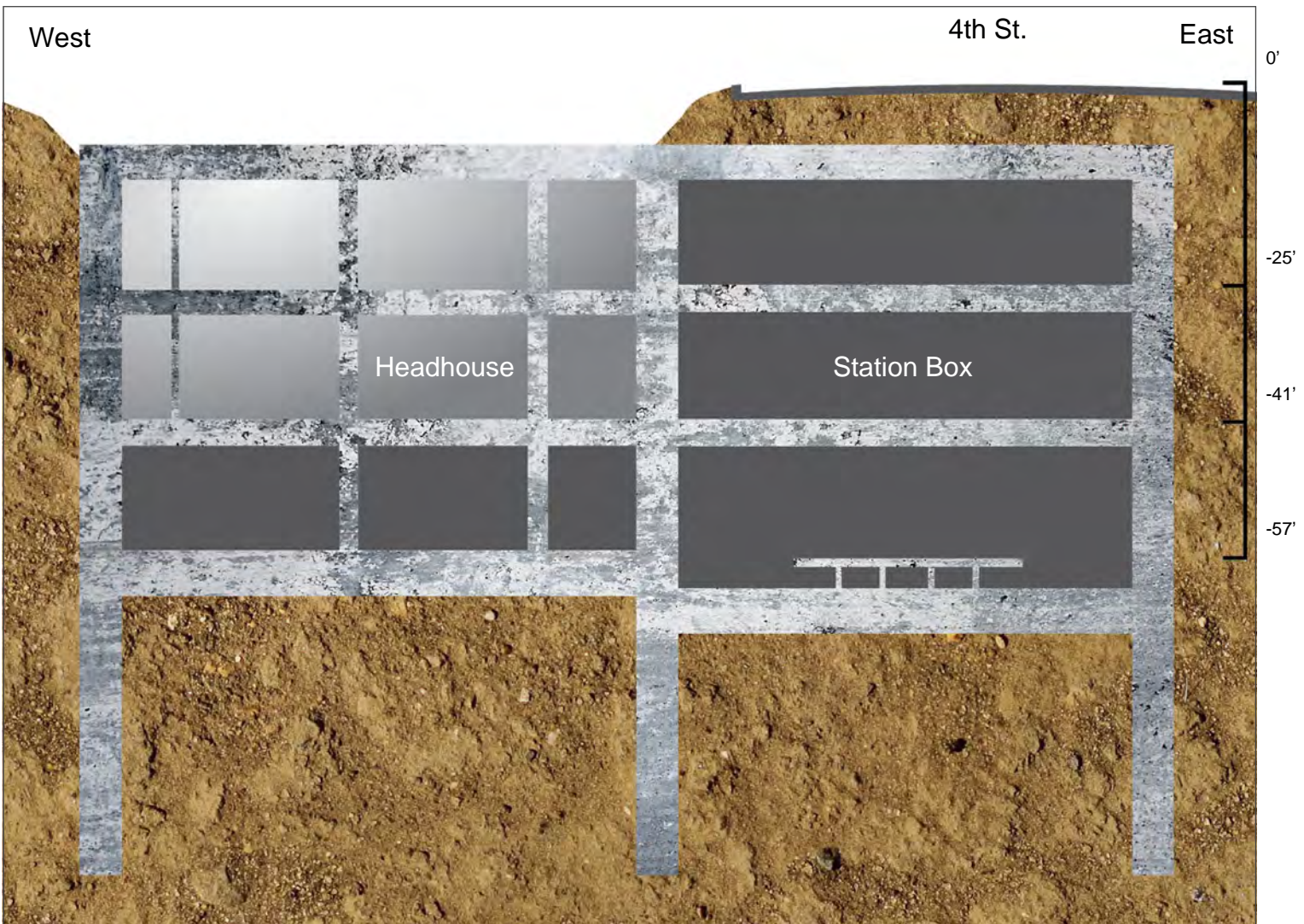
South



West

4th St.

East



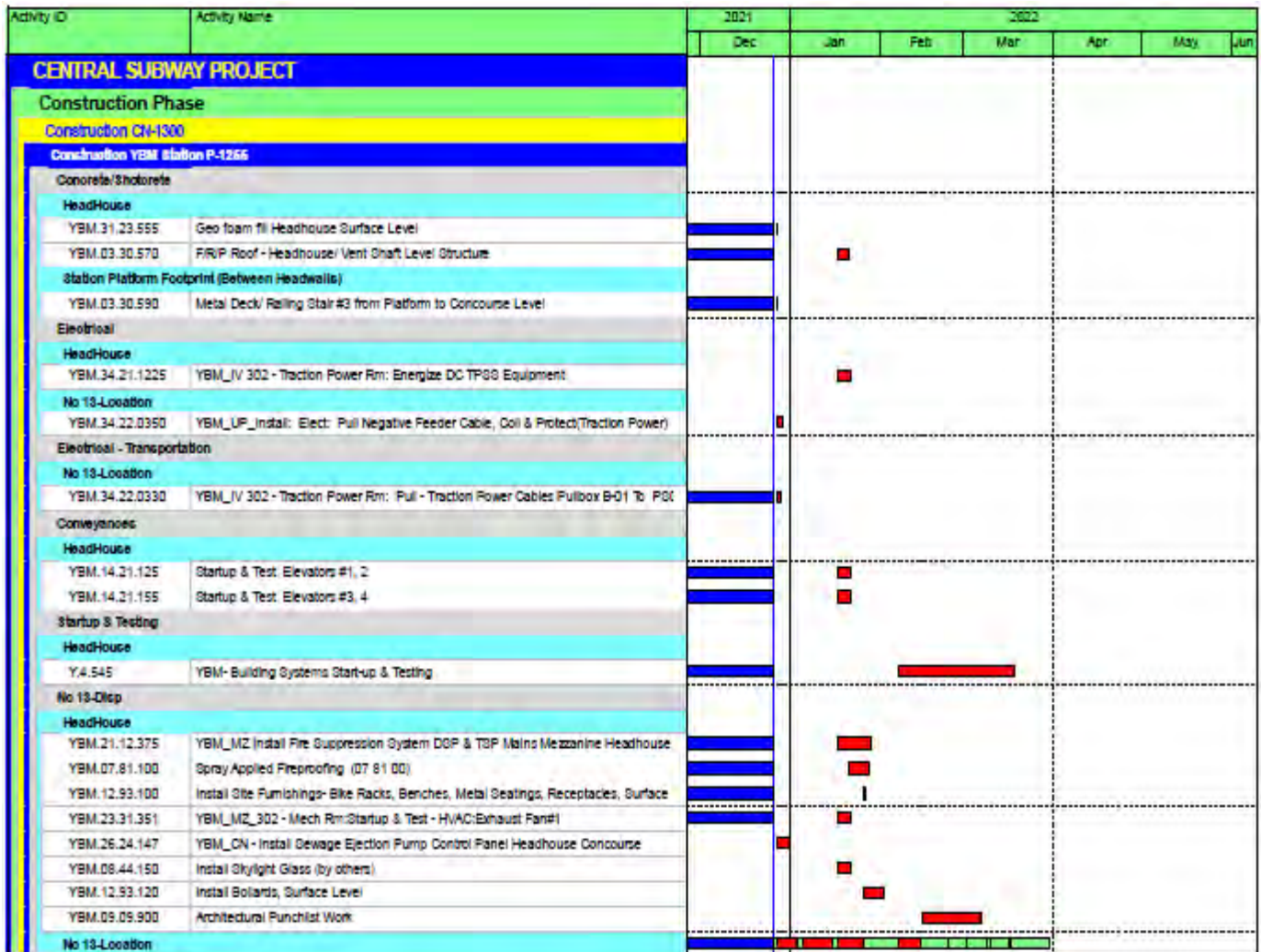


# Yerba Buena Moscone Station Construction - Continued

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

Budget/Expenditures ▲	
Current Budget	\$173,089,000
Other Project Offset Credits	\$415,331
Expenditures to Date	\$160,846,478

## YBM Three Month Schedule



# Systems, Trackwork, & Surface Station

## Contract 1300 - Work Package 1256

### Description of Work

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

### Current Status

- Continued 4<sup>th</sup>/Brannan platform construction
- Continued streetlighting installation
- Continued surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continued trolley and light rail OCS installation on 4<sup>th</sup> Street
- Started traffic signaling mast arm installation on 4th Street
- Completed installing grounding for mini power centers in tunnels
- Continued cross-bonding installation for CTS crossover
- Continued OCS, track and miscellaneous punch list work
- Continued ATCS and radio system testing

### Work Expected Next Month

- Continue 4<sup>th</sup>/Brannan platform construction
- Continue streetlighting installation
- Continue surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continue OCS installation on surface
- Continue cross-bonding installation for CTS crossover
- Continue OCS, track and miscellaneous punch list work



- Continued ATCS and radio system testing

### Three Month Look Ahead

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

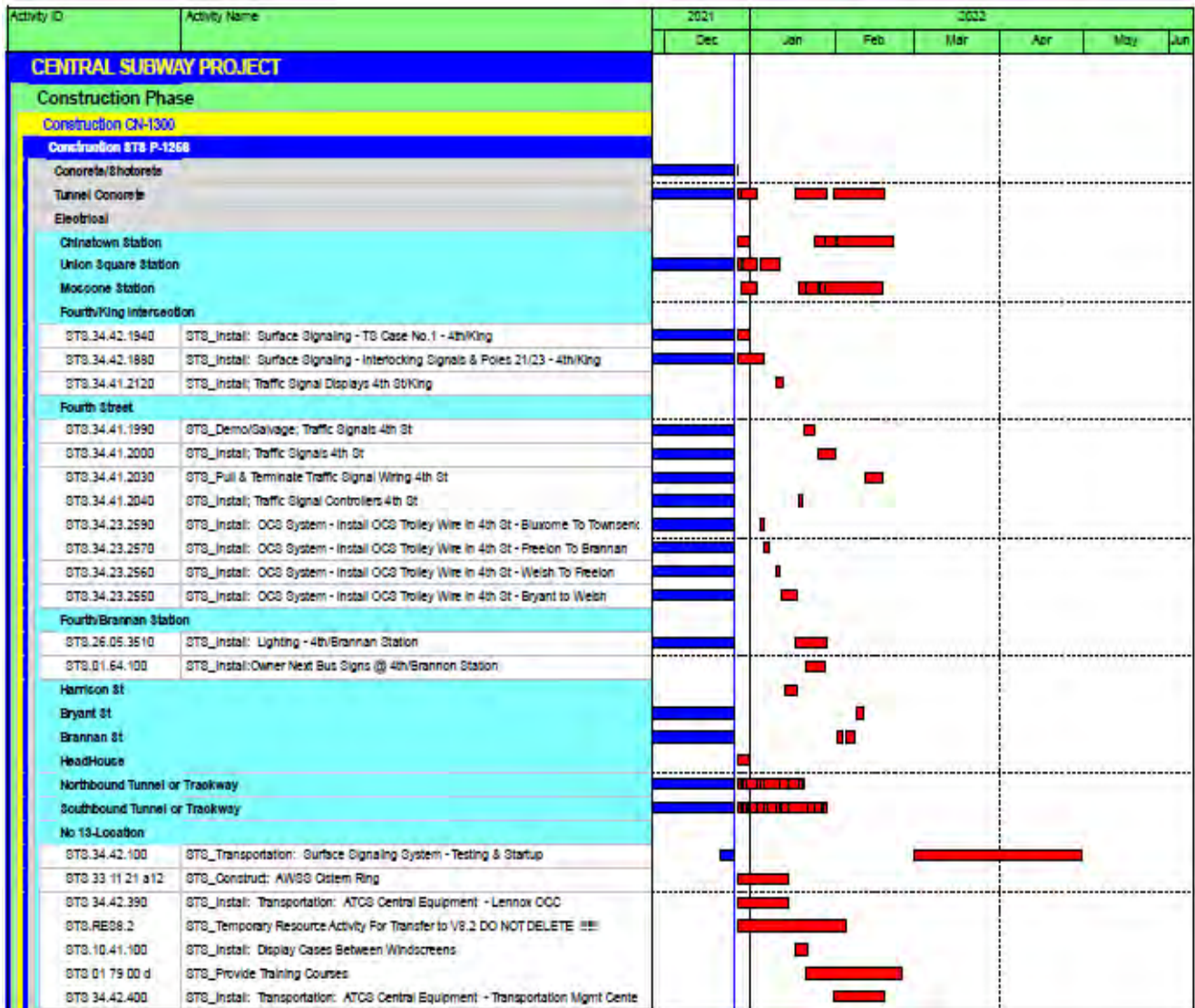


# Systems, Trackwork, & Surface Station Construction - Continued

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

Budget/Expenditures	
Current Budget	\$242,642,502
Other Project Offset Credits	\$2,632,766
Expenditures to Date	\$275,711,793

## Systems, Track and Surface Station Three Month Schedule



# Program Components

## Community Outreach

### Outreach public information, events and presentations for December 2021 include:

- Conducted Central Subway tours for City elected UC Berkeley students, Chinatown Merchants United Association of San Francisco and other community organizations
- 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/Writer
11/4/2021	<a href="#">Central Subway Readies Fare Gates and Ticket Vending Machines</a>	SFMTA	Enrique Aguilar
11/26/2021	<a href="#">Bay Area transit FAQ: From the Central Subway to high-speed rail</a>	San Francisco Chronicle	Ricardo Cano
11/29/2021	<a href="#">Take a peak inside the new Chinatown Rose Pak Central Subway Station</a>	San Francisco Business Times	LiPo Ching
12/21/2021	<a href="#">Here's when S.F. Muni's Central Subway will open for service</a>	San Francisco Chronicle	Ricardo Cano
12/22/2021	<a href="#">2022 will be a big year for Muni: Central Subway and Van Ness bus route coming</a>	San Francisco Examiner	Benjamin Schneider
12/23/2021	<a href="#">Central Subway Revenue Service Update</a>	SFMTA	Enrique Aguilar

## Quality Assurance

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

### **Stations and Systems Contract CN1300 Quality Assurance Monitoring Activities**

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

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

- 603 CNCRS are currently posted to the CNCR Log
- 22 CNCRs are currently posted to the CNCR Log as OPEN

# Quality Assurance - Continued

## **Notice of Non-compliance (NCN):**

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

- Project QA has issued 57 NCNs

## **Audits:**

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

## **QA Issues:**

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

## **QA Concerns:**

- The Contractor continues to furnish and install nonconforming OCS support brackets and hangers which do not meet certification and inspection requirements
- The contractor has furnished and installed nonconforming OCS poles without meeting prerequisite certification requirements. Project QA issued STS NCN 003. The Contractor has not responded to the NCN but has opened a CNCR; no corrective action or disposition has been proposed. Contractor has voided the CNCR stating the company was no longer in business. We have discovered the original assets were bought by a new company and documents may be recoverable. The Contractor has been notified.
- The Contractor continues to VOID CNCRs without demonstrating that the work meets Contract requirements
- The Contractor is not identifying all nonconforming work as required by contract



## Quality Assurance - Continued

- The Contractor continues to perform CNCR repairs prior to receiving approval of the proposed repair procedures
- The untimely identification and mitigation (SFMTA approval) of “last minute items” remains an ongoing challenge to all involved and often generates nonconforming work.
- Project schedule compression demands disrupting RE, design staff priorities, and work flows as mentioned above

### **Program QA Practices Implemented:**

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

## Risk Management

A Risk Mitigation Management Meeting did not take place in December; however, the members will reconvene in January 2022 to review the top risk items in accordance with the risk summary sheet, which have been given a rating by the Committee of six and above. The Committee continues to discuss impacts of COVID to construction efficiency and impact to the schedule.

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

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

### Top Risks

Risk #	Risk Description	Risk Rating
267	Potential Water leaks at UMS Station	18
265	COVID-19 directly impacts progress of the work resulting in increase costs and schedule delays.	14
255	Water leaks at YBM station, including water in conduits	10
266	Outstanding submittals and resubmissions related to safety and security certification requirement not being addressed.	9
257	Systems Test Integration between components does not work, fails	8
251	Physical activities missing (not defined) in the schedule / Identify activities of undefined scope	8
205	Prolong period of CMod's creates additional cost/causes bad blood between Resident Engineer and Contractor	8
261	Internal Staffing Resource Issue	6
253	Do not have adequate (subcontractor) resources defined to perform the work to meet schedule performance	6
238	Quality Program is ineffective in processing the nonconformance items causing schedule impacts	6

# Program Safety & Security

On March 17, 2020, the Mayor and the City's Health Office issued a Public Health Order to "Shelter-In-Place" in response to the COVID-19 pandemic. The City's Health Office continues to adjust these restrictions with changing conditions including Delta and Omicron variants of COVID which requires the City to adjust guidelines for indoor activities. With changing COVID conditions, the City's Health Office has adjusted guidelines related to masking and distancing for indoor and outdoor activities along with booster vaccination shots for those eligible. Construction of the Central Subway project continues to progress, and Construction Management team continues to monitor impact of the COVID restrictions on project schedule.

The project continues to progress towards substantial completion and startup and testing. Train testing continues as the project move forward with startup and testing requirement. The Contractor reported no cases in December. The Central Subway internal staff, Construction Management and Project Management team members, reported four cases in December. The current cumulative number of staff that have undergone quarantine for the project is thirty-seven. All quarantined personnel have followed the appropriate procedures to return to work. The Contractor continues to follow the required protocol to maintain the safety of the work force. Safety and CM team continues to monitor these cases to ensure compliance with the Safety and Security protocols. CM team has added additional resources to monitor these cases along with others that are already identified with the project. The schedule team continues to monitor impacts to the production rate with these reported cases. While the COVID restrictions have been adjusted, the project team continues to only have essential project staff on site to ensure safety of the staff and allow other staff to telecommute. With the surge of the Omicron variant of COVID, the City has allowed staff to telecommute through February 14, 2022, while evaluating the changing conditions as these dates may be extended.

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 December, there was no recordable injury.

## **Table 1300 Stations Construction Safety Record**

Table 1300 below summarizes the Month to Date and Project to Date for the Stations, Systems and Track Construction contractor and subcontractors. (The Contractor did not provide data for December 2021. We are currently showing the last data received from the Contractor.)

# Program Safety & Security - continued

## Project Safety Record - Contract 1300

### SAFETY GOALS

Through Month End September 2021

<b>OSHA Recordable Accidents, &lt;3.4</b> <b>Lost Time Cases, &lt;1.6</b>
--

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

YEAR TO DATE (Month ,Day, Year to Month, Day, Year)	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	1	0	1	0.80
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
<b>Total Project Incidents</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>
Man Hours Worked Through M/E September 2021	69,656	179,620	<b>249,276</b>	

\* Rate is calculated based on number of incidents divided by total number of man hours worked multiplied by 200,000 man hours.  
 OSHA Recordable Accidents - 2008 Construction Industry Rate for Highway, Street, and Bridge Construction = 3.9

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



## Technical Capacity

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



***STS Platform on 4th and Brannon***

# Staffing

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

	Oct-2021		Nov-2021		Dec-2021	
	Planned	Actual	Planned	Actual	Planned	Actual
<b>Project Management</b>						
Program Management	6.60	4.75	6.60	4.75	6.60	4.75
Quality Assurance	1.80	1.00	1.80	1.00	1.80	1.00
Contract Administration	1.40	7.00	1.40	7.00	1.40	7.00
Community Outreach	5.50	2.00	5.50	2.00	5.50	2.00
Finance	2.00	0.00	2.00	0.00	2.00	0.00
Project Controls	4.80	4.20	4.80	4.20	4.80	4.20
<b>Subtotal</b>	<b>22.10</b>	<b>18.95</b>	<b>22.10</b>	<b>18.95</b>	<b>22.10</b>	<b>18.95</b>
<b>Construction Management</b>						
CM - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
CM - CN 1300	21.55	46.60	21.55	46.60	21.55	46.60
Design Support - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
Design Support - CN 1300	9.00	15.00	9.00	15.00	9.00	15.00
<b>Subtotal</b>	<b>30.55</b>	<b>61.60</b>	<b>30.55</b>	<b>61.60</b>	<b>30.55</b>	<b>61.60</b>
<b>Start Up</b>						
Start Up / Safety & Security	5.95	4.00	5.95	4.00	5.95	4.00
<b>Subtotal</b>	<b>5.95</b>	<b>4.00</b>	<b>5.95</b>	<b>4.00</b>	<b>5.95</b>	<b>4.00</b>
<b>Total</b>	<b>58.60</b>	<b>84.55</b>	<b>58.60</b>	<b>84.55</b>	<b>58.60</b>	<b>84.55</b>

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

## Third-Party Agreements

No activity in this reporting month.

## LRV Procurement

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

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

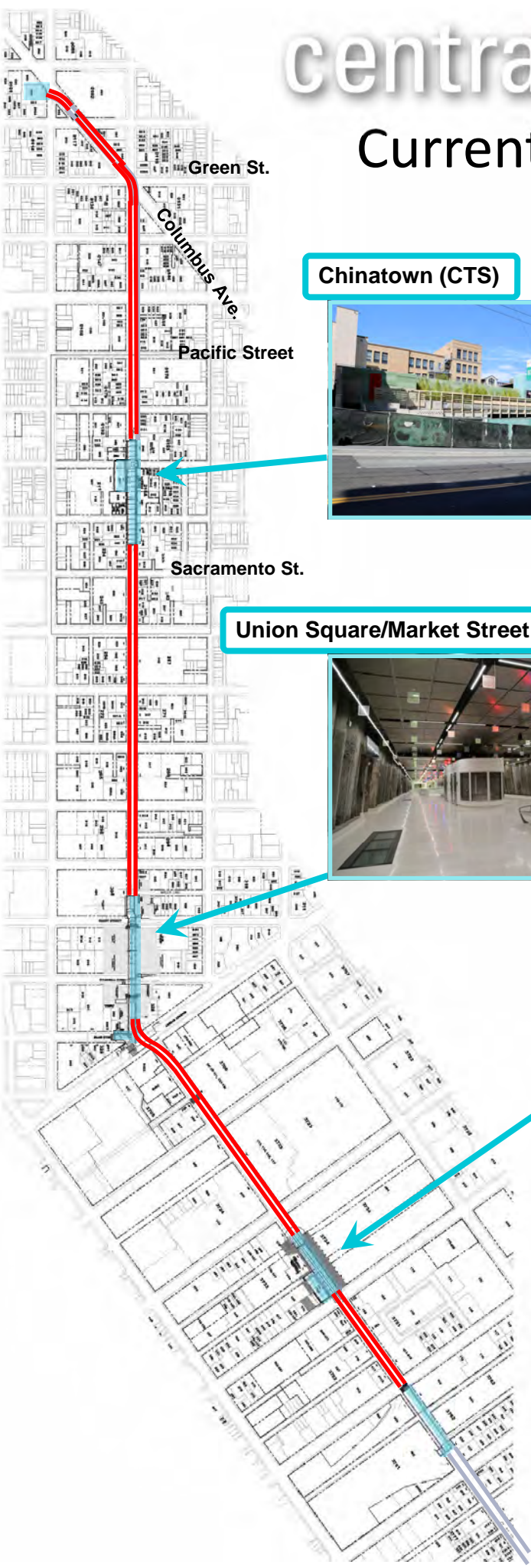


*View from STS Portal*



# central **T** subway

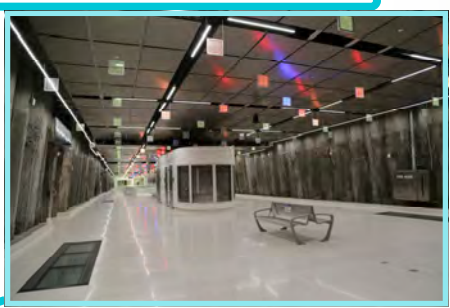
## Current Construction Activity



**Chinatown (CTS)**



**Union Square/Market Street (UMS)**



**Yerba Buena/Moscone (YBM)**



**4th St. Surface Track, Systems (STS)**







*CTS ticket booths on Concourse Level*



*Cross Cavern in CTS Tunnel*





*Art ceiling at CTS Plaza*



*View of CTS from Stockton and Washington*



***UMS Platform Elevator and Signage***



***UMS Concourse Level connecting to Powell Station BART***





***UMS Ticket Booth with light art***



***UMS Platform Elevator finishes***





**YBM Ticket Agent Booth**



**YB Entrance with signage**



*View of the surface plaza at YBM with glass art on display*



*YBM Concourse escalators*





*View from inside the tunnels*



*View of signage for STS Platform*





*View of the platform at 4th and Brannan*



*View of the portal entrance into the tunnel*



*Appendix A*

**DETAIL COST REPORTS**

\*December 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 \$1.877 billion in year of expenditure dollars (\$YOE). The project continues to work with our funding partners to address the current funding issues. Currently, the project estimates the Estimate at Completion (EAC) to be \$1.891 B or \$313M above the original budget of \$1.578B. These revised estimates have been shared with our board and funding partners.

Total net incurred costs for the project are \$1,877.16 million. The cost to date figure reflects expenditures through FAMIS 786 Report (\$1,869.44 million) plus the utilities joint trench Form B Reimbursement payment (\$12.51 million), invoices currently being processed (\$17.95 million) and estimates of outstanding pay requests credits of (\$22.72 million). The project has worked with Finance and Grants to secure and book all of the remaining funds to the program.

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

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.1*	70	6/30/2016	\$ 24,327.00
CS155.1*	71	9/30/2016	\$ 65,000.00
CS155.1*	72	12/30/2016	\$ 50,000.00
CS155.1*	73	3/31/2017	\$ 35,282.00
CS155.2	137	7/31/2021	\$ 228,114.08
CS155.2	138	8/31/2021	\$ 170,940.95
CS155.2*	139	9/30/2021	\$ 170,940.95
CS155.2*	140	10/31/2021	\$ 170,940.95
CS155.2*	141	11/30/2021	\$ 170,940.95
CS155.2*	142	12/31/2021	\$ 170,940.95
CS155.3	133	4/30/2021	\$ 154,906.32
CS155.3	134	5/31/2021	\$ 147,159.33
CS155.3	135	6/30/2021	\$ 171,927.30
CS155.3	136	7/31/2021	\$ 161,199.87
CS155.3*	137	8/31/2021	\$ 161,199.87
CS155.3*	138	9/30/2021	\$ 161,199.87

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.3*	137	8/31/2021	\$ 161,199.87
CS155.3*	138	9/30/2021	\$ 161,199.87
CS155.3*	139	10/31/2021	\$ 161,199.87
CS155.3*	140	11/30/2021	\$ 161,199.87
CS155.3*	141	12/31/2021	\$ 161,199.87
CN1300	96	10/31/2021	\$ 3,785,897.20
CN1300	97	11/30/2021	\$ 2,755,144.73
CN1300	98	12/31/2021	\$ 5,760,142.79
CS149	150	5/31/2021	\$ 1,022,809.58
CS149	151	6/30/2021	\$ 1,379,419.32
CS149	152	7/31/2021	\$ 1,024,980.35
CS149	153	8/31/2021	\$ 1,192,282.52
CS149*	154	9/30/2021	\$ 1,250,000.00
CS149*	155	10/31/2021	\$ 1,250,000.00
CS149*	156	11/30/2021	\$ 1,250,000.00
CS149*	157	12/31/2021	\$ 1,250,000.00
other accruals*		12/31/2021	\$ (29,380,178.31)

\* Estimated Amount \$ (4,760,881.82)

**2. CONTINGENCY ALLOCATIONS AND USAGE**

The Contingency Drawdown Curve is shown in Report 7.3. Follows by Report 7.4 Contingency Management Trend Report with the Remaining Contingency after Approved Changes Deducted contingency items in column "i".

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

**3. BUDGET TRANSFERS**

No budget transfers in this reporting period.

**4. FORM B**

The Utilities Joint Trench Form B Details is listed in the Table A2 below. Total utilities joint trench Form B Reimbursement payment to three construction contracts is \$12.51 million.

TABLE A2: UTILITIES JOINT TRENCH FORM B DETAILS	[A] Mar 2015 BUDGET	[B] EXPENDED TO DATE	Associated Cost Account
1.3.491.07.040.02 - FORM B - CN1250 UTILITY REIMBURSEMENT	(2,275,419)	2,463,325	1.3.081.07.040.02 - 1UTL:SITWORK: UTILITIES & RELOC
1.3.491.08.040.02 - FORM B - CN1251 UTILITY REIMBURSEMENT	(7,618,412)	3,608,217	1.3.082.08.040.02 - 2UTL:SITWORK:UTILITIES&RELOCATE
1.3.491.02.040.02 - FORM B - CN1252 UTILITY REIMBURSEMENT	(254,050)	3,975,656	1.3.083.02.040.02 - TUNN:Sitework:Utilities & Relocate
1.3.491.04.040.02 - FORM B - CTS: CN1300 UTILITY REIMBURSEMENT	(451,703)	443,046	1.3.085.04.040.02 - CTS.1254: SITE UTILITIES, UTILITY RELOCA
1.3.491.09.040.02 - FORM B - STS: CN1300 UTILITY REIMBURSEMENT	(1,000,000)	1,053,691	
1.3.491.03.040.02 - FORM B - UMS: CN1300 UTILITY REIMBURSEMENT	(528,370)	467,600	1.3.084.03.040.02 - UMS.1253: SITE UTILITIES, UTILITY RELOCA
1.3.491.05.040.02 - FORM B - YBM: CN1300 UTILITY REIMBURSEMENT	(100,000)	495,879	1.3.086.05.040.02 - YBM.1255: SITE UTILITIES, UTILITY RELOCA
<b>TOTAL</b>	<b>(12,227,954)</b>	<b>12,507,414</b>	

**5. EARNED VALUE (EV) ANALYSIS**

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

**Preliminary December Earned Value**

Overall Budgeted Cost:	\$1,900,275,322
Planned Value:	\$1,593,491,019
Earned Value:	\$1,503,432,135
Actual Cost:	\$1,877,155,472
Schedule Performance Index (SPI):	0.94
Cost Performance Index (CPI):	0.80
Percent Complete:	94.4%



**SFMTA, EV Chart**  
**DECEMBER 31, 2021 Update**

Activity ID	Activity Name	Start	Finish	Performance % Complete	Budgeted Total Cost	Planned Value Cost (P/V)	Earned Value Cost (E/V)	Actual Total Cost (AC)	CPI	SPI
<b>CENTRAL SUBWAY PROJECT</b>										
	Preliminary Engineering Phase	03-Jun-03 A	15-Aug-24	94.35%	\$1,900,275,321.85	\$1,593,491,018.89	\$1,503,432,134.93	\$1,877,155,471.99	0.80	0.94
	Final Design	03-Jun-03 A	07-Jan-10 A	100%	\$46,542,061.34	\$46,542,061.02	\$46,542,061.02	\$46,542,060.53	1.00	1.00
	Light Rail Vehicles	08-Jan-10 A	17-Jun-13 A	100%	\$115,075,987.10	\$115,075,987.06	\$115,075,987.06	\$114,034,067.22	1.01	1.00
	Real Estate	15-Apr-13 A	21-Jun-22	8.25%	\$12,000,000.00	\$26,385,653.00	\$2,177,131.58	\$11,929,246.72	0.18	0.08
	Construction Phase	01-Aug-08 A	15-May-15 A	100%	\$32,140,417.71	\$37,405,895.00	\$37,405,895.00	\$30,612,838.53	1.22	1.00
	Construction Support and Costs	03-Jan-10 A	05-Jul-24	95.85%	\$1,670,593,426.70	\$1,358,561,966.32	\$1,302,231,060.27	\$1,674,037,258.99	0.78	0.96
	Construction Utility Contract #1 - MWS & Portal CN-1250	03-Jan-10 A	05-Jul-24	100.06%	\$259,589,090.00	\$199,862,849.06	\$199,979,685.74	\$259,101,381.22	0.77	1.00
	Construction Utility Contract #2 - UMS CN-1251	04-Jan-10 A	23-May-11 A	100%	\$11,968,150.00	\$11,968,150.00	\$11,968,150.00	\$11,968,150.00	1.00	1.00
	Construction Tunnels CN-1252	12-Jan-11 A	15-Oct-12 A	100%	\$20,669,081.47	\$20,794,582.00	\$20,794,582.00	\$20,669,081.47	1.01	1.00
	Construction STS P-1256 ATCS	08-Jun-11 A	27-Dec-21	93.05%	\$233,511,253.03	\$251,069,047.23	\$233,608,974.28	\$233,511,253.34	1.00	0.93
	Construction STS P-XXXX Radio	20-May-14 A	07-Jul-22	53.87%	\$18,036,709.00	\$18,036,709.00	\$9,715,504.32	\$10,808,080.96	0.90	0.54
	Construction CN-1300	27-Aug-19 A	15-Apr-22	0.8%	\$4,809,852.50	\$4,841,950.49	\$38,735.60	\$32,088.00	1.21	0.01
	Unallocated Contingency	03-Jun-13 A	07-Jul-22	96.96%	\$1,122,009,290.70	\$851,988,678.54	\$826,125,428.31	\$1,137,947,214.00	0.73	0.97
	Project Management	27-Dec-21	08-Sep-22	0%	\$23,923,429.00	\$9,519,456.49	\$0.00	\$0.00	0.00	0.00
		09-Sep-22	15-Aug-24	0%	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00

### Earned Value Analysis and Definitions

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

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

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

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

<b>Funding Available Table</b>		
	<b>Funding</b>	
	<b>Committed Funding Sources</b>	<b>Total Awarded Funds to Date</b>
<b>Federal</b>		
Sect. 5309-NS	\$942,200	\$965,321
Sect. 5307-OBAG	\$15,980	\$15,980
CMAQ	\$41,025	\$41,025
<b>Federal Subtotal</b>	<b>\$999,205</b>	<b>\$1,022,326</b>
<b>State</b>		
TCRP	\$14,000	\$14,000
State RIP	\$12,498	\$12,498
Prop. 1B (I-Bond)	\$308,601	\$312,236
PTIMSE	\$61,308	\$61,308
<b>State Subtotal</b>	<b>\$396,407</b>	<b>\$400,042</b>
<b>Local</b>		
LCTOP	\$4,000	\$4,000
Operating	\$4,970	\$311,424
MTA	\$0	\$475
Prop. B Pop Baseline	\$26,985	\$20,125
Prop. K	\$143,542	\$138,692
TSF Transit	\$3,191	\$3,191
<b>Local Subtotal</b>	<b>\$182,688</b>	<b>\$477,907</b>
<b>CPT 544 Total</b>	<b>\$1,578,300</b>	<b>\$1,900,275</b>

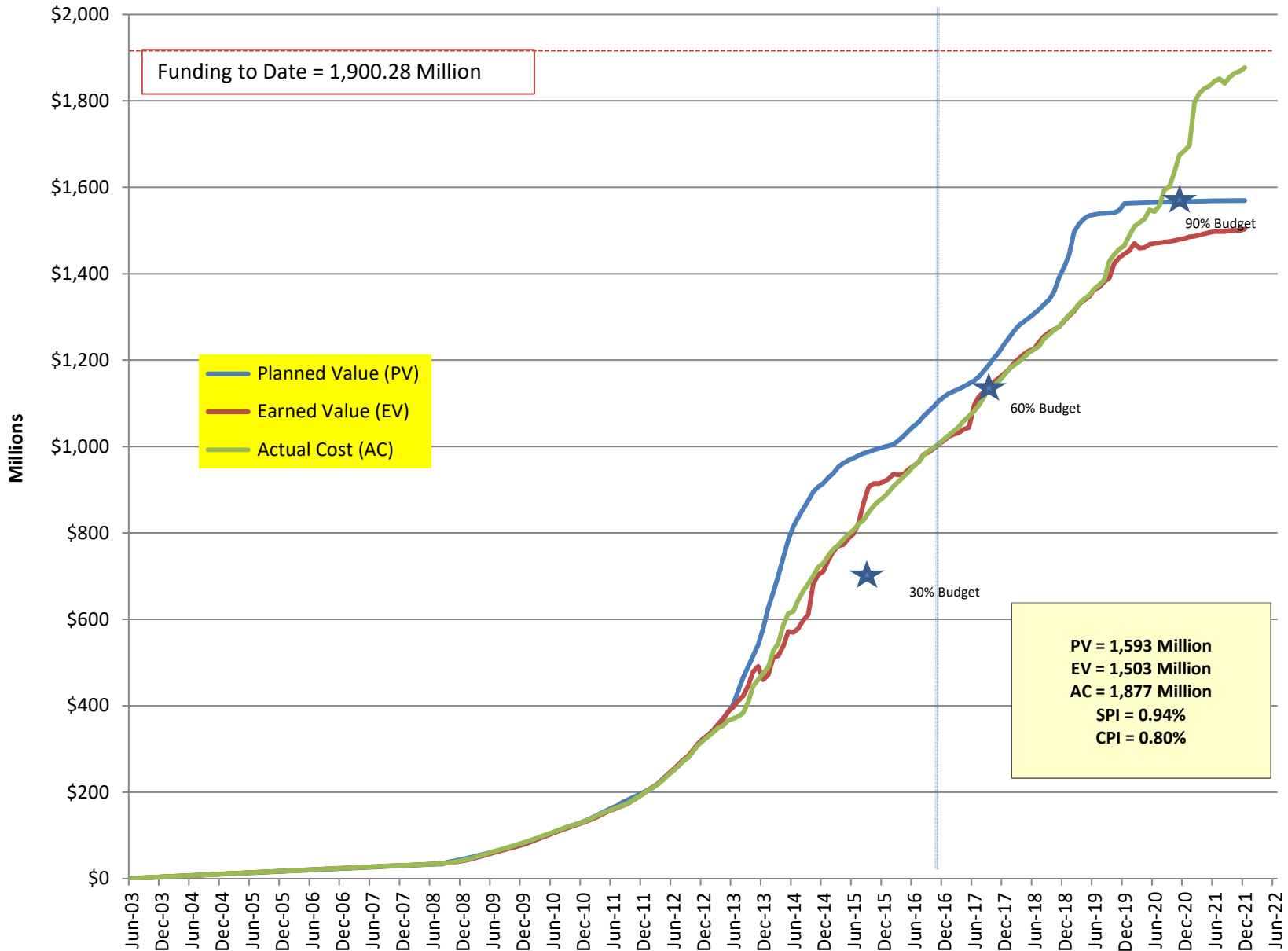
**7. LIST OF COST REPORTS**

- 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

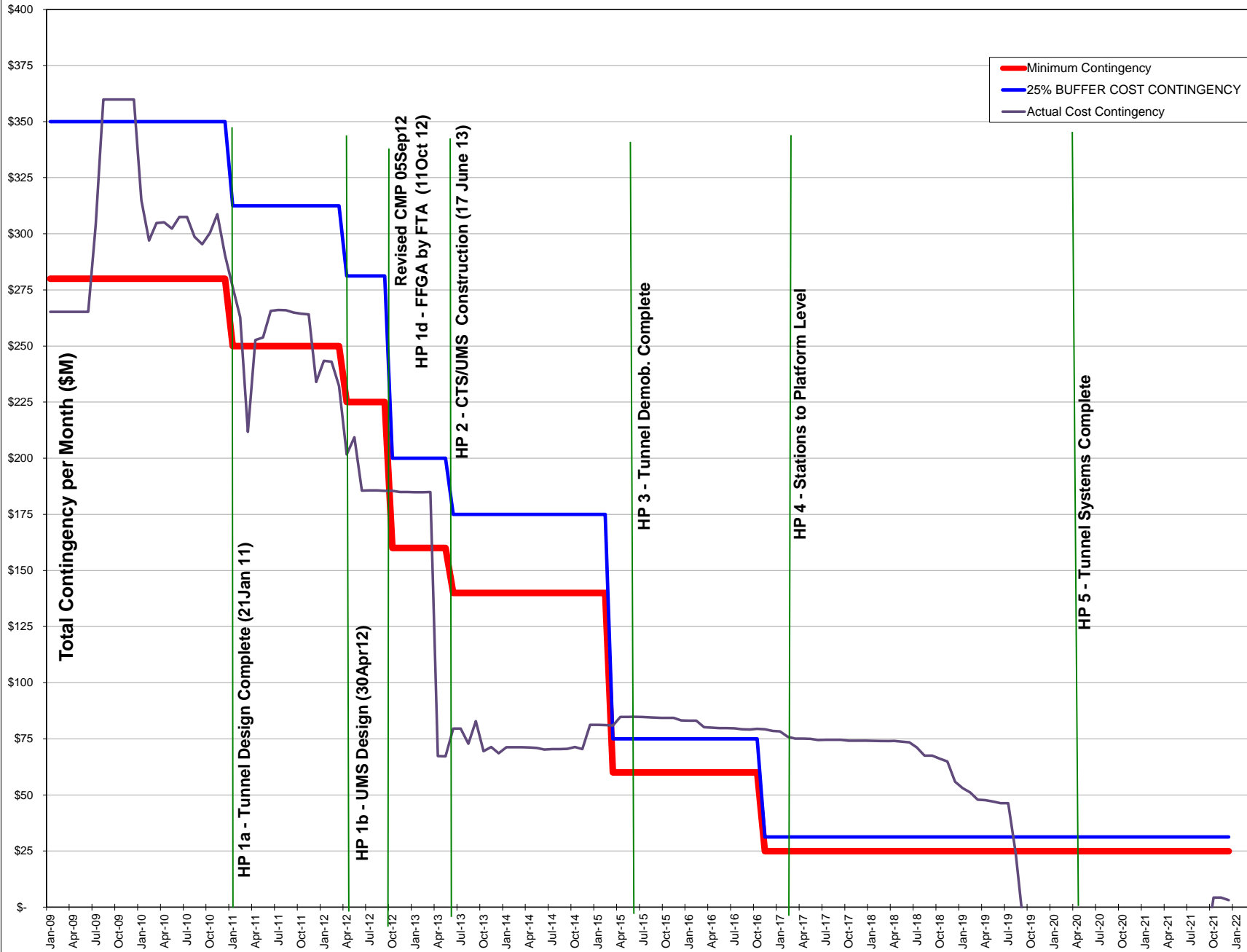
<b>A. Central Subway Project</b>						
Project	Name	Amount	PM	Funding Source	Reporting	Cost Report Notes
1	CPT544 Central Subway Project	\$1,601,008,106	J. Funghi	62% Fed, 30% State, 8% Local	yes	1
<b>Total:</b>		<b>\$1,601,008,106</b>				
<b>B. Related SFMTA Capital Improvement Projects</b>						
Project	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
<b>Total:</b>		<b>\$27,047,750</b>				
<b>C. Central Subway Project - Project Offset Credits</b>						
	From	Amount	Index	Notes	Reporting	
1	2009-2016 Utility Co. - Form B Reimbursement	\$12,227,954	--	Construction contracts	yes	6
2	2017-2019 PG&E - Power Feed Reimbursement	\$7,624,540	--	Not yet bill PG&E	yes	7
3	6/26/2013 BART Elevator	\$90,000	68CPT544135B	Not yet rec'd BART Funds	yes	8
4	11/6/2013 Tutor Perini - CAD Files	\$2,500	68CPT5441236	Deposit to Design Index	yes	9
5	1/27/2014 SFPUC - Sewer Main	\$2,925,296	68W251	Certified in Contract 1300	yes	10
6	8/27/2014 SFMTA Traffic Effectiveness Project funded	\$694,651	68W324/686D42	Contract 1252 CMod #40	yes	11
7	9/27/2014 SFPUC - 24" Water Main	\$328,860	68CPT544135A	Contract 1252 CMod #41	yes	12
8	2/15/2015 Chinatown Plaza Construction Estimate	\$75,000	68CPT7181341	Contract 1300 CMod #6	yes	13
9	3/27/2015 SFPUC - 24" Water Main Additional Work Support for North Beach Restoration, OCS and	\$112,102	68W409	Contract 1252 CMod #48	yes	14
10	3/15/2016 Streetlighting	\$155,468	68T7373342D2/D3	Contract 1252 CMod #51	yes	15
11	6/27/2016 DPW - MOU for Water Line above YBM Station SFWD - 8' water line at the intersection of Fourth and	\$438,218	68W592	Contract 1300 CMod #20 Contract 1252 CMod #49 partial	yes	16
12	12/9/2016 Jessie Street	\$21,020	68W456	(\$2,102) and #60 Contract 1300 CMOD #123	yes	17
13	1/15/2020 CS-Chinatown Metro Plaza - CN1300	\$9,360,183	68CPT7181341	partial	yes	17a
<b>Total:</b>		<b>\$34,055,792</b>				



# Earned Value Cash Flow Curve



# Cost Contingency Drawdown



COST ELEMENT	CONTRACT COST					CONTINGENCY					BUDGET	VARIANCE	Cost Report Notes	
	ORIGINAL CONTRACT VALUE / September 2013 SUPPLEMENTAL BUDGET	APPROVED CHANGES	CURRENT CONTRACT VALUE	POTENTIAL CHANGES	ESTIMATE AT COMPLETION (EAC)	ORIGINAL CONTINGENCY / Sep 2013 SUPPLEMENTAL CONTINGENCY (Include CN 1250 & CN1251)	CONTINGENCY ADJUSTMENT TRANSFERS	REVISED AUTHORIZED CONTINGENCY (Include CN1250 & CN1251)	REMAINING CONTINGENCY AFTER APPROVED CHANGES DEDUCTED [h - b]	REMAINING CONTINGENCY AFTER POTENTIAL CHANGES DEDUCTED [i - d]	ORIGINAL CONTRACT VALUE + REVISED AUTHORIZED CONTINGENCY [a + h]	BUDGET - ESTIMATE AT COMPLETE [j - e]		
	a	b	c	d	e	f	g	h	i	j	j	k		
<b>SCC 10-50 CONSTRUCTION CONTRACT PACKAGES</b>														
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	304,970,114	1,144,646,514	628,105	1,145,274,619	20,000,000	280,369,599	290,869,599	(14,100,515)	(14,728,620)	(14,728,620)	21	
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	20,744,337	314,774,927	164,303	314,939,230	5,000,000	15,000,000	20,000,000	(744,337)	(908,640)	(908,640)		
	1254 CHINA TOWN STATION [CTS]	247,567,810	157,529,850	405,097,660	261,557	405,359,217	5,000,000	139,679,388	144,679,388	(12,850,462)	(13,112,019)	(13,112,019)	22	
	1255 YERBA BUENA/ MOSCONE STATION [YBM]	158,089,000	4,889,959	162,978,959	154,795	163,133,754	5,000,000	10,000,000	15,000,000	10,110,041	9,955,246	173,089,000	9,955,246	
	1256 SURFACE TRACKWORK & SYSTEMS [STS]	139,989,000	121,805,969	261,794,969	47,449	261,842,418	5,000,000	115,690,211	111,190,211	(10,615,758)	(10,663,207)	(10,663,207)		
OTHER		39,923,508	23,775,304	63,698,812		63,698,812	2,056,645	10,560,000	26,958,595	(6,316,709)	(6,316,709)	(6,316,709)	23	
	SCC 10 - 50 Construction Sub-total	1,139,532,783	335,203,399	1,474,736,181	628,105	1,475,364,286	53,035,782	266,408,441	324,286,173	(20,417,224)	(21,045,329)	(21,045,329)	24	
<b>SCC 60-80 SOFT COSTS PACKAGES</b>														
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)	(4,800,000)	26	
80	PROFESSIONAL SERVICES	310,518,041	56,410,151	366,928,192		366,928,192	18,221,079	(16,862,657)	1,358,422	1,358,422	1,358,422	368,286,614	1,358,422	26a
	SCC 60 - 80 Construction Sub-total	371,138,552	44,835,961	415,974,513	0	415,974,513	21,498,020	(24,939,598)	(3,441,578)	(3,441,578)	(3,441,578)	(3,441,578)		
SCC 90	UNALLOCATED CONTINGENCY						3,845,945	(261,295,781)	(257,449,836)	23,923,431	23,923,431	23,923,431	27	
TOTAL		1,510,671,335	380,039,360	1,890,710,694	628,105	1,891,338,799	78,379,747	(19,826,938)	63,394,759	3,804,634	3,804,634	1,900,275,322	8,936,523	
												Total Project Budget	1,900,275,322	28
												Estimate At Completion	1,891,338,799	29
												Variance	(8,936,523)	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				\$1,144,646,514
Substantial Completion	Spring 2021				Spring 2021
Potential Changes	UMS	CTS	YBM	STS	COST REPORT NOTES
	164,303	261,557	154,795	47,449	31
<b>Change Order - Pending</b>					
CTS COR 2554 Plaza Lvl Fireproofed		1,309			
CTS PCC 1025 SU13A Grout Protection		894			
CTS PCC 863 Stair Nosing		688			
Job Readiness - CTS		(195,000)			
Job Readiness - STS				(70,000)	
Job Readiness - UMS	(195,000)				
Job Readiness - YBM			(70,000)		
STS COR 2129 Confirm Revised Routin				2,250	
STS COR 2266 Escalator Ultra violet				0	
STS PCC 1019 OCS Revisions at CTS				4,595	
STS PCC 1020 ATCS Cable Mod at Lenn				1,501	
STS PCC 1046 SCADA HMI Laptop OCC				1,672	
STS PCC 974 OCS Modifications CTS				11,933	
UMS PCC 1028 Fusible Disconnect Swi	10,665				
YBM PCC 1000 Esc 1 & 2 Cladding Fla			9,507		
YBM PCC 1017 Rmv-Rlct Wire& Conduit			1,040		
YBM PCC 1045 LEO Operators			1,405		
YBM PCC 824 Station Signage Revise			20,223		
YBM PCC 916 Revisions to IV302			28,437		
YBM PCC 970 Non-compliance Rectific			35,716		
<b>Change Order Request (COR)</b>					
COR 2656 UMS YBM ground test requir			58,223		
CTS COR 1042 SFWD Delay		89			
CTS COR 1966 Add'l Revision to Elev		198			
CTS COR 2165 Rebar at Stair 7 Slab		371			
CTS COR 2166 Layer of Rebar to CC A		756			
CTS COR 2330 Move Concrete Wall		635			
CTS COR 2350 Landscape Des. Issues		1,794			
CTS COR 2354 GFRC-1 Panel Det		3,161			
CTS COR 2363 Reloc. Switch Bank		9,530			
CTS COR 2385 Elev Rough Opening		1,227			
CTS COR 2398 GFRC Soffit		2,070			
CTS COR 2423 DBI Relocating Signs		1,236			
CTS COR 2433 H Beam Angle Rev		2,738			
CTS COR 2446 Chgs to Glass at Coil		5,829			
CTS COR 2447 EXP Joint Cover		3,158			



Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	839,676,400				\$1,144,646,514
Substantial Completion	Spring 2021				Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS COR 2449 Circuit Breaker Change		2,401			
CTS COR 2453 Rail Mod Due to Damper		1,965			
CTS COR 2461 Vent Shaft Drainage		4,283			
CTS COR 2466 CTS Power for UPS Batt		2,764			
CTS COR 2477 Stair Glass & Framing		6,681			
CTS COR 2495 Demountable GFRC		1,715			
CTS COR 2499 PSC Added Esc Barrier		147			
CTS COR 2520 Beam Conflict Stair 6		1,154			
CTS COR 2530 GFRC Panels Over Doors		3,999			
CTS COR 2558 power for door operato		1,341			
CTS COR 2567 GFRC plate details		2,678			
CTS COR 2575 Rolling Gate Add Hardw		278			
CTS COR 2594 Parapet Wall at Plaza		14,045			
CTS COR 2606 anti static floor		891			
CTS COR 2611 location of switches		1,668			
CTS COR 2615 relocation of cmu wall		3,666			
CTS COR 2622 added bathroom accesso		618			
CTS COR 2624 V-rail at crosscut cav		2,084			
CTS COR 2651 Install LEO Door Opera		148			
CTS COR 2661 area of refuge conflic		8,539			
CTS COR 2665 changes tele enc		514			
CTS COR 2688 HSS support GL C		2,764			
GEN COR 1686 T&M Delay Impacts	248,367				
STS COR 1676 Pavement Renovation De				34	
STS COR 2002 All Stations Keying Sc				357	
STS COR 2362 Doors Project Delay Im				9,519	
STS COR 2383 Signal Power Wiring De				392	
STS COR 2390 Termination Details fo				1,274	
STS COR 2434 Facilitate Routing of				4,236	
STS COR 2441 SCADA PLC Cabinet Powe				1,747	
STS COR 2452 Revise Radio Mount due				1,307	
STS COR 2493 Elevator Cabs CCTV Cab				3,660	
STS COR 2517 CAT XQ425 Generator wi				1,149	
STS COR 2533 Excavation Permit to P				314	
STS COR 2543 Groundwater Intrusion				3,700	
STS COR 2601 Plumbing and Fire Perm				344	
STS COR 2620 TCP for the Installati				1,955	
STS COR 428 Sewer Roof Repair Detai				1,644	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	839,676,400				\$1,144,646,514
Substantial Completion	Spring 2021				Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES
STS COR 487 Re inspection of 4th an				4,914	
UMS COR 2467 RPSC Change Door Stops	451				
UMS COR 2475 Acc Ctrl @ Door CN34B	617				
UMS COR 2500 Bart Powell New Elev E	737				
UMS COR 2566 revis sdwk pave grade	1,336				
UMS COR 2610 Elv Relocatn of Existi	60,592				
YBM COR 2375 Access control for eme			10,014		
YBM COR 2399 Beam and Door Conflict			1,169		
YBM COR 2425 Surface Level Exterior			967		
YBM COR 2474 Revisions at Elevators			8,555		
YBM COR 2480 Metal panel cut-outs a			3,126		
YBM COR 2496 Elevator 3 & 4 Hoistwa			1,434		
YBM COR 2633 Water Intrusion			1,441		
<b>Negotiation</b>					
COR 2659 CTS fire alr horn strobe		35			
CTS 2602 Station Agent Booth Cab Do		822			
CTS COR 1810 Aluminum Roll Up Door		0			
CTS COR 1827 PA Mounting Detail		0			
CTS COR 1898 Concrete Wall Rebar to		0			
CTS COR 1924 Main Power Grating		0			
CTS COR 2416 Rev Floor Mounting		1,797			
CTS COR 2484 Reloc.&Instl Sprinkler		164			
CTS COR 2487 Recess in Conc. Wall		383			
CTS COR 2516 Provide Specs Terrazzo		1,178			
CTS COR 2525 Provide OH Elect DD EI		1,404			
CTS COR 2532 Provide SPEC & DES Det		922			
CTS COR 2538 PSC Provide REV Mounti		274			
CTS COR 2555 Power to Radio Cabinet		65			
CTS COR 2560 conflict with sprinkle		3,749			
CTS COR 2574 Finish on Concrete Wal		412			
CTS COR 2576 additional finish requ		992			
CTS COR 2577 thin paver at doors		341			
CTS COR 2582 GFRC Closure Trim at C		941			
CTS COR 2584 Painting GSM Coping		122			
CTS COR 2588 Stair 7 Handrail Termi		344			
CTS COR 2591 stair 6 col, beam, sla		619			
CTS COR 2595 added ss closure		7,123			
CTS COR 2596 wayfinding signage cha		22			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	839,676,400				\$1,144,646,514
Substantial Completion	Spring 2021				Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS COR 2598 Wood Trim Artwork Para		1,224			
CTS COR 2604 cmoke door adj		115			
CTS COR 2605 sub 10 14 00 07 rev		157			
CTS COR 2611 location of switches		382			
CTS COR 2618 surface finish boxes		376			
CTS COR 2638 specs fm fire cabinet		373			
CTS COR 2639 parapet GSM coping		190			
CTS COR 2641 Stair 6 CMU Wall Suppo		235			
CTS COR 2645 TPO roof membrane sht		1,853			
CTS COR 2649 utility trough ceiling		4,125			
CTS COR 2650 revised electrical for		1,460			
CTS COR 2661 area of refuge conflic		1,799			
CTS COR 2664 surface F3 fixture		46			
CTS PCC 548 Spot Acceleration 2.15		0			
CTS PCC 593 Station Benches Change		0			
CTS PCC 924 Access for Pipes at CMU		1,508			
CTS PCC 932 Power to Rails		829			
CTS PCC 934 Re-groutable Hose Inje		32,750			
CTS PCC 943 Reactivate 12" AWSS		18,342			
CTS PCC 960 Cement Board for Terraz		2,385			
CTS PCC 966 Neg Grnd Disconnect Swi		5,803			
CTS PCC 973 Prtctv Fiberglass Pipe		22,033			
CTS PCC 989 Elevator-Escalator Room		70,345			
CTS PCC 993 12' Vehicular Lane		1,532			
STS COR 2549 DSC NOD Miss 2" Sleev				59	
STS COR 2557 Changes to End of Plat				2,668	
STS COR 2583 CTS Stair Interface, N				2,271	
STS COR 2586 & Direction to Tie In				427	
STS COR 2658 portal gate in conflic				217	
STS PCC 1003 Traction Power K-6 Tie				3,349	
STS PCC 1039 OCS Support Rev SB UMS				1,736	
STS PCC 1044 Additional UTP Extend				303	
STS PCC 504 Traffic Control Require			2,153		
STS PCC 790 4th Street Portal Gate				6,007	
STS PCC 803 Add COVID Monitoring				7,177	
STS PCC 807 Cross Passage Door Fram				2,533	
STS PCC 921 OCS Dead End Revisions				3,433	
STS PCC 942 location of Directional				0	

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	839,676,400				\$1,144,646,514
Substantial Completion	Spring 2021				Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES
STS PCC 957 ATCS RLB Support Mod				1,269	
STS PCC 980 Spot Acceleration				21,313	
UMS COR 2032 Mountaining Dtl Lght	1,236				
UMS COR 2297 Steel Ch @ Joint	312				
UMS COR 2512 Confirm Removal/Abando	2,204				
UMS COR 2559 Sprinkler under Plat	1,878				
UMS COR 2627 sub 10 14 00-005	0				
UMS COR 2663 powell ele tile change	617				
UMS PCC 1006 Bird Netting Placement	6,429				
UMS PCC 1027 Relocate S Pltfrm CCTV	16,526				
UMS PCC 1037 Glass Guardrail & Prec	300				
UMS PCC 1038 Install Limit Switch	4,810				
UMS PCC 802 Dlt BART Faregate	(478)				
YBM COR 390 Chip Mezzanine Headwall			3,000		
YBM PCC 1010 Missing UPS Wiring			2,914		
YBM PCC 1016 Guardrail Esc Mchn Rm			986		
YBM PCC 1030 Resolution of Elec Con			4,560		
YBM PCC 1054 Additional Water Mitig			503		
YBM PCC 1056 CCTV Camera Relocation			1,067		
YBM PCC 748 Added FSDs in Sector 3			5,313		
YBM PCC 770 Revised Wall Panels			4,791		
YBM PCC 889 Replace Transformer T-1			7,700		
YBM PCC 910 Water Remediation			503		
YBM PCC 939 Finishes for Gaps at Es			0		
YBM PCC 994 Esc Mac Rm Sliding Door			1,638		
<b>Proposed Contract Change (PCC)</b>					
CTS PCC 1002 T.Arais Artwork Scp Ch		20,346			
CTS PCC 1015 Removal of Hand&Gurad		160			
CTS PCC 1024 X3 Fixture Rev Location		24			
CTS PCC 1026 TPS East Wall Leak		10,411			
CTS PCC 1035 Rev1 Details of Subgrit		15,879			
CTS PCC 486Rev 1 Structural Slab Cha		1,905			
CTS PCC 548 Spot Acceleration		100,000			
CTS PCC 728Rev 1 Rev to Restroom Plz		521			
CTS PCC 937 Switchgear Anchor in TP		250			
CTS PCC 946 Cavern Grout Equivalent		8,708			
CTS PCC 971 Sidewalk Blockout for S		250			
CTS PCC 987 Provide Branch Selector		0			



Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	839,676,400				\$1,144,646,514
Substantial Completion	Spring 2021				Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS PCC 992 Protection for Cables		646			
CTS PCC628 Police Officer at Powell		7,500			
CTS PCC746 GFRC Framing Support		361			
STS PCC 1021 Tunnel Leak Repair				44	
STS PCC 1023 Traffic Barrier Remova				1,222	
STS PCC 618 Mod Swoosh Arm P1 P2				471	
STS PCC 725 ATS for CP5 Sump Pump				1,609	
STS PCC 831 ATCS Equip Transport				2,493	
STS PCC 938 Electrical Cabinet Revi				23	
STS PCC 958 Asbestos Testing Abate				500	
STS PCC 978 Delete Tiles & Barriers				(168)	
UMS PCC 1004 EOP Gate Clearance	767				
UMS PCC 1034R1 Instl Rm vb Guardrail	540				
UMS PCC 930 Pwr for Gap Breaker Rm	399				
UMS PCC 941 EV Fan Damper Guardrail	1,000				
YBM PCC 1032 Eye Wash Sta Relocatio			1,130		
YBM PCC 817 Revise Spindle Length			500		
YBM PCC 933 Lighting Revisions in M			5,000		
YBM PCC 949 Dtls for Esc Cladding			1,356		
YBM PCC 982 Protection for Neg Rtrn			423		
<b>Approved</b>	<b>20,744,337</b>	<b>157,529,850</b>	<b>4,889,959</b>	<b>121,805,969</b>	
<b>Contract Modification</b>					
CMod # 14 YBM COR 036, 078			58,526		
CMod #017 CTS CORs 001 053 & 069		54,322			
CMod #018 CTS PCC 012		60,248			
CMod #021 STS CORs 48/52/114/233/252				18,221	
CMod #025 - Various CORs			59,113		
CMod #026 YBM COR 072			84,509		
CMod #027 UMS PCC 092	0				
CMod #028 CTS PCC 017.1		97,743			
CMod #029 STS PCC 009.1				(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		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021					\$1,144,646,514 Spring 2021 COST REPORT NOTES
	UMS	CTS	YBM	STS		
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			
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		

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount Substantial Completion	839,676,400 Spring 2021	\$1,144,646,514 Spring 2021 COST REPORT NOTES			
	UMS	CTS	YBM	STS	
CMod #13 CTS COR 006		57,707			
CMod #130 ATCS				15,920,625	
CMod #131 PCC 569 EVAC Fire Alarm				1,210,445	
CMod #133 CTS Frontier Temper Claims		10,382,106			
CMod #136 Fire Alarm				6,976,834	
CMod #15 YBM COR 196			3,178		
CMod #16 UMS COR 184	8,261				
CMod #19 CTS COR 007, 026		2,274,225			
CMod #20 YBM PCC 047 and 45			364,562		
CMod #22 UMS PCC 045, 046	16,198				
CMod #23 UMS PCC 058	63,838				
CMod #3 CTS Work Safely Ard Power Po		25,956			
CMod #30 YBM Various CORs			334,165		
CMod #31 UMS COR 595	53,701				
CMod #32 YBM Various PCCs			92,934		
CMod #36 YBM Conflict with Waterline			14,484		
CMod #4 CTS-Force Account Change Or		130,000			
CMod #41 YBM Class 2 Conta. Material			40,250		
CMod #42 UMS Addl. Service Conduits	36,873				
CMod #43 UMS D85 Structural Pile	65,188				
CMod #44 UMS Grade 50 Steel	572,884				
CMod #46 YBM/CTS/UMS S.walk Hatches			35,489		
CMod #47 UMS Roof Deck Schedule	76,124				
CMod #48 UMS Undgrnd. Storage Tanks	97,817				
CMod #5 YBM Deletion of Comp Groutin			(1,833,869)		
CMod #51 YBM Various CORs and PCCs			24,875		
CMod #52 YBM Undgrnd. Storage Tanks			167,393		
CMod #54 UMS USG Underpinning	732,157				
CMod #55 YBM Archeological Discovery			102,734		
CMod #56 YBM Contaminated Material			106,923		
CMod #57 STS Crossover Materials				21,245	
CMod #58 STS DSC CORs				90,081	
CMod #59 CTS DSC CORs		66,592			
CMod #6 CTS Plaza Constr Supt Servi		75,000			
CMod #60 UMS USG Two Fuel Tanks	61,312				
CMod #61 YBM Various CORs			207,181		
CMod #62 UMS Wales and Waterproofing	277,714				
CMod #63 CTS DSC CORs		38,025			

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	839,676,400				\$1,144,646,514
Substantial Completion	Spring 2021				Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES
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	
CMod#134: STS - Omnibus 1 Settlement				29,848,737	



Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	839,676,400				\$1,144,646,514
Substantial Completion	Spring 2021				Spring 2021
	UMS	CTS	YBM	STS	COST REPORT NOTES
Cmod#135: UMS - Layne Claims	13,000,000				
Cmod#137: CTS - Global Settlement		93,600,000			
Cmod#138: STS - Omnibus 2 Settlement				53,000,000	
CMod#7 STS FACOs 016, 017 & COR 009				80,170	
CMod#8 STS PCC 006 ATT MH, PB&Trench				225,208	
Cmod#884 UMS - Automobile Bus Acceleration - dummy	0				
Cmod#885: CTS - Communications - dummy		1,347,927			
Cmod#886: YBM - Communications - dummy			0		
Cmod#889: STS - Automobile Bus Acceleration -dummy				0	
CTS CMod #122 Schedule Delay Costs		31,240,000			
STS CMod 045 PCC 008 Tunnel Lowering				107,285	
<b>Grand Total</b>	<b>20,908,640</b>	<b>157,791,407</b>	<b>5,044,754</b>	<b>121,853,418</b>	

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

Report Period: December 2021

		November 2021			December 2021				
Group by Contract & SCC	CATEGORY ITEM	November 2021 Base	November 2021 Allocated Contingency	November 2021 Base + Allocated Contingency (YOE)	December 2021 Base	December 2021 Allocated Contingency	December 2021 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [December 2021] vs. [November 2021]	Cost Report Notes
10-50	<b>CONSTRUCTION CONTRACT PACKAGES</b>	<b>1,480,021,416</b>	<b>(21,044,408)</b>	<b>1,463,818,958</b>	<b>1,480,454,231</b>	<b>(21,477,223)</b>	<b>1,463,818,958</b>	<b>0</b>	
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	<b>CN1300 STATIONS TOTAL</b>	<b>1,144,213,699</b>	<b>(22,204,408)</b>	<b>1,122,009,291</b>	<b>1,144,646,514</b>	<b>(22,637,223)</b>	<b>1,122,009,291</b>	<b>0</b>	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]	404,664,844	(12,417,646)	392,247,198	405,097,660	(12,850,462)	392,247,198	0	
	CTS 1254 Form B Credit	(451,703)		(451,703)	(451,703)		(451,703)	0	
1255: YBM	YERBA BUENA/ MOSCONE STATION [YBM]	162,978,959	10,110,042	173,089,001	162,978,959	10,110,042	173,089,001	0	
	YBM 1255 Form B Credit	(100,000)		(100,000)	(100,000)		(100,000)	0	
1256: STS	SURFACE TRACKWORK & SYSTEMS [STS]	261,794,969	(19,152,467)	242,642,502	261,794,969	(19,152,467)	242,642,502	0	
	STS 1256 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	<b>OTHER CONSTRUCTION TOTAL</b>	<b>89,412,062</b>	<b>1,160,000</b>	<b>90,572,062</b>	<b>89,412,062</b>	<b>1,160,000</b>	<b>90,572,062</b>	<b>0</b>	
40.06	PUBLIC ART PROGRAM	8,175,555	1,160,000	9,335,555	8,175,555	1,160,000	9,335,555	0	
40.08	CN1300 JOB READINESS PROGRAM - OUTREACH	1,060,000		1,060,000	1,060,000		1,060,000	0	33
40.02	MISC. CONSTR CONTRCT WK (TRACTION POWER FOR 1251)	258,202		258,202	258,202		258,202	0	
40.01	CONTRACT 1300 SOIL PROCESS	500,000		500,000	500,000		500,000	0	34
50.01	THALES T&S ATCS	487,972		487,972	487,972		487,972	0	
50.01	CN1266-2 Advanced Train Control System (ATCS) - Implementation	25,007,930		25,007,930	25,007,930		25,007,930	0	34a
50.01	CN1266-1 Advanced Train Control System (ATCS) - Equipment	3,425,424		3,425,424	3,425,424		3,425,424	0	34a
50.06	MTA FARE COLLECTION EQUIPMENT	5,400,000		5,400,000	5,400,000		5,400,000	0	
50.06	BART FARE COLLECTION EQUIPMENT	700,000		700,000	700,000		700,000	0	

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

Report Period: December 2021

		November 2021			December 2021				
Group by Contract & SCC	CATEGORY ITEM	November 2021 Base	November 2021 Allocated Contingency	November 2021 Base + Allocated Contingency (YOE)	December 2021 Base	December 2021 Allocated Contingency	December 2021 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [December 2021] vs. [November 2021]	Cost Report Notes
40.02	JOB ORDER CONTRACTS (JOCS) - CONSTRUCTION	117,255		117,255	117,255		117,255	0	
40.08	AON RISK INSURANCE	26,778,757		26,778,757	26,778,757		26,778,757	0	34b
40.02	PUBLIC AGENCIES UTILITY COORDINATION	3,713,215		3,713,215	3,713,215		3,713,215	0	
40.02	DEPARTMENT OF PARKING AND TRAFFIC (DPT)	1,200,000		1,200,000	1,200,000		1,200,000	0	
50.03	UNION SQUARE/ MARKET STREET STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0	
50.03	UNION SQUARE/ MARKET STREET STATIONS PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0	
50.03	CHINATOWN STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0	
50.03	CHINATOWN STATION PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0	
50.03	YERBA BUENA/ MOSCONE STATION [YBM] POWER FEED	3,125,222		3,125,222	3,125,222		3,125,222	0	
50.03	YERBA BUENA/ MOSCONE STATION [YBM] PERMANENT POWER	(2,368,540)		(2,368,540)	(2,368,540)		(2,368,540)	0	
50.03	SURFACE STATION POWER FEED	11,839		11,839	11,839		11,839	0	
50.04	COMMUNICATION CONNECTION COSTS	5,757,629		5,757,629	5,757,629		5,757,629	0	
50.05	CSP Radio Design	641,950		641,950	641,950		641,950	0	34c
50.05	CSP Radio Cable	377,788		377,788	377,788		377,788	0	34c
50.05	CSP Radio Design Procurement	3,822,212		3,822,212	3,822,212		3,822,212	0	34c
60	<b>ROW, LAND, EXISTING IMPROVEMENTS</b>	<b>32,246,321</b>	<b>0</b>	<b>32,246,321</b>	<b>32,246,321</b>	<b>0</b>	<b>32,246,321</b>	<b>0</b>	
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	<b>VEHICLES</b>	<b>12,000,000</b>	<b>0</b>	<b>12,000,000</b>	<b>12,000,000</b>	<b>0</b>	<b>12,000,000</b>	<b>0</b>	
70.01	LIGHT RAIL	12,000,000	0	12,000,000	12,000,000	0	12,000,000	0	36
80	<b>PROFESSIONAL SERVICES</b>	<b>366,928,190</b>	<b>1,358,422</b>	<b>368,286,612</b>	<b>366,928,190</b>	<b>1,358,422</b>	<b>368,286,612</b>	<b>0</b>	
80.01	PRELIMINARY ENGINEERING	46,202,674		46,202,674	46,202,674		46,202,674	0	
80.02	FINAL DESIGN	61,318,331		61,318,331	61,318,331		61,318,331	0	
80.03	PROJECT MANAGEMENT FOR DESIGN & CONSTRUCTION	110,742,469	0	110,742,469	110,742,469	0	110,742,469	0	36a

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

Report Period: December 2021

		November 2021			December 2021				
Group by Contract & SCC	CATEGORY ITEM	November 2021 Base	November 2021 Allocated Contingency	November 2021 Base + Allocated Contingency (YOE)	December 2021 Base	December 2021 Allocated Contingency	December 2021 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [December 2021] vs. [November 2021]	Cost Report Notes
80.04	CONSTRUCTION ADMINISTRATION & MANAGEMENT	125,777,105	0	125,777,105	125,777,105	0	125,777,105	0	36a
80.05	INSURANCES	6,800,000		6,800,000	6,800,000		6,800,000	0	
80.06	LEGAL: PERMITS. REVIEW FEES BY OTHER AGENCIES	8,212,604		8,212,604	8,212,604		8,212,604	0	
80.07	SURVEYS, TESTING, INVESTIGATION. INSPECTION	933,100		933,100	933,100		933,100	0	
80.08	START-UP	6,941,907	1,358,422	8,300,329	6,941,907	1,358,422	8,300,329	0	
	<b>ALL SCC CATEGORIES 10 TO 80</b>	<b>1,891,195,927</b>	<b>(19,685,986)</b>	<b>1,876,351,891</b>	<b>1,891,628,742</b>	<b>(20,118,801)</b>	<b>1,876,351,891</b>		37
90	UNALLOCATED CONTINGENCIES			23,923,434			23,923,434		38
	<b>TOTAL PROJECT COST 10 TO 100</b>			<b>1,900,275,326</b>			<b>1,900,275,326</b>		
	<b>TOTAL CONTINGENCY</b>								
	<b>CONTINGENCY MINIMUM</b>								
	<b>BELOW OR ABOVE MINIMUM</b>								



COST STATUS BY CATEGORY	SCC CODES	Sum of Supplemental 2013 Budget	BUDGET November 2021	BUDGET TRANSFERS	BUDGET December 2021	Sum of December 2021	Remaining Budget (Column H-Column I)	December 2021 EAC	December 2021 Contingency	Cost Report Notes
		A	B	C	D	E	F	G	H	
GUIDEWAY & TRACK ELEMENTS	SCC 010	282,227,872	284,261,448	-	284,261,448	284,205,016	56,432	284,261,448	-	39
STATIONS, STOPS, TERMINALS, INTERMODAL SITEWORK & SPECIAL CONDITIONS	SCC 020	573,099,645	542,871,519	(432,815)	542,438,704	549,114,073	(6,675,369)	565,040,301	-	39
SYSTEMS	SCC 040	235,514,097	507,149,098	-	507,149,098	528,514,905	(21,365,807)	505,540,122	-	39
ROW, LAND, EXISTING IMPROVEMENTS	SCC 050	90,774,397	129,536,893	432,815	129,969,708	111,596,763	18,372,945	120,522,415	-	39
VEHICLES	SCC 060	37,511,799	32,246,321	-	32,246,321	30,718,744	1,527,577	32,246,321	-	
PRELIM ENGINEERING	SCC 070	26,385,653	12,000,000	-	12,000,000	11,929,247	70,753	16,800,000	-	
FINAL DESIGN	SCC 080.01	46,202,673	46,202,674	-	46,202,674	46,202,675	(1)	46,202,674	-	
PM FOR DESIGN & CONSTRUCTION	SCC 080.02	61,137,604	61,318,331	-	61,318,331	61,282,422	35,909	61,318,331	-	
OTHER PROF SRVCS	SCC 080.03 - 080.04	197,146,664	236,519,574	-	236,519,574	239,593,614	(3,074,040)	236,519,574	-	39
UNALLOC CONTINGENCY	SCC 080.05 - 080.08	24,416,118	24,246,033	-	24,246,033	13,998,014	10,248,019	22,887,611	-	
	SCC 090	3,883,480	23,923,431	-	23,923,431	-	23,923,431			39
<b>Grand Total</b>		<b>1,578,300,000</b>	<b>1,900,275,322</b>	<b>(0)</b>	<b>1,900,275,322</b>	<b>1,877,155,472</b>	<b>23,119,850</b>	<b>1,891,338,797</b>	<b>-</b>	

SCC DESCRIPTION	December 2021 BUDGET	December 2021 CTD
010 - GUIDEWAY & TRACK ELEMENTS	284,261,448	284,205,016
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	542,438,704	549,114,073
040 - SITEWORK & SPECIAL CONDITIONS	507,149,098	528,514,905
050 - SYSTEMS	129,969,708	111,596,763
060 - ROW, LAND, EXISTING IMPROVEMENTS	32,246,321	30,718,744
070 - VEHICLES (number)	12,000,000	11,929,247
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	368,286,612	361,076,724
090 - UNALLOCATED CONTINGENCY	23,923,431	0
<b>Grand Total</b>	<b>1,900,275,322</b>	<b>1,877,155,472</b>

SCC DESCRIPTION	December 2021 BUDGET	December 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	69,816,407
010.07-Guideway: Underground tunnel	200,374,315	200,322,315
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	6,946,667
020.02-Aerial station, stop, shelter, mall, terminal, platform	(19,152,467)	0
020.03-Underground station, stop, shelter, mall, terminal, platform	522,316,238	519,910,818
020.04-OTHER STATIONS, LANDING, TERMINALS: INTERMODAL, FERRY, TROLLEY, ETC	9,360,183	0
020.07-Elevators, escalators	22,311,892	22,256,588
040.01-Demolition, Clearing, Earthwork	12,754,615	12,502,015
040.02-Site Utilities, Utility Relocation	68,753,443	80,459,299
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	9,423,125	7,635,979
040.04-Environmental mitigation, e.g. wetlands, historic/archeologic, parks	1,122,899	629,790
040.05-Site structures including retaining walls, sound walls	2,706,431	2,706,431
040.06-Pedestrian / bike access and accommodation, landscaping	9,790,995	5,626,482
040.07-Automobile, bus, van accessways including roads, parking lots	6,579,099	27,539,938
040.08-Temporary Facilities and other indirect costs during construction	396,018,492	391,414,971
050.01-Train control and signals	38,688,008	32,128,659
050.02-Traffic signals and crossing protection	12,804,956	12,212,872
050.03-Traction power supply: substations	21,465,073	23,347,599
050.04-Traction power distribution: catenary and third rail	12,441,113	6,620,988
050.05-Communications	35,855,972	33,867,694
050.06-Fare collection system and equipment	6,100,000	841,265
050.07-Central Control	2,614,586	2,577,686
060.01-Purchase or lease of real estate	30,065,810	28,309,314
060.02-Relocation of existing households and businesses	2,180,511	2,409,430
070.01-Light Rail	12,000,000	11,929,247
080.01-Preliminary Engineering	46,202,674	46,202,675
080.02-Final Design	61,318,331	61,282,422
080.03-Project Management for Design and Construction	91,271,972	89,061,920
080.04-Construction Administration & Management	145,247,602	150,531,694
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	6,560,876
080.07-Surveys, Testing, Investigation, Inspection	933,100	908,184
080.08-Start up	8,300,329	188,758
090.00-Unallocated Contingency	23,923,431	0
<b>Grand Total</b>	<b>1,900,275,322</b>	<b>1,877,155,472</b>

[A] Cost Account Description	[B] Dec 2021 Budget (YOE)	ACTUAL COSTS					[G] VARIANCE (B - F)	COST REPORT NOTES
		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total			
<b>TOTAL PRELIMINARY ENGINEERING</b>	<b>46,542,061</b>	<b>46,542,061</b>	<b>0</b>	<b>0</b>	<b>46,542,061</b>	<b>0</b>	40	
11 - SFMTA PROJECT MANAGEMENT	8,800,164	8,253,957	0	0	8,253,957	546,208	41	
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	11,425,594	0	42	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	921,906	802,883	0	0	802,883	119,023		
21 - ARTS COMMISSION	1,500,570	1,500,570	0	0	1,500,570	0	43	
22 - FIRE DEPARTMENT	33,825	35,343	0	0	35,343	(1,518)		
23 - CITY ATTORNEY'S OFFICE	1,234,754	1,234,754	0	0	1,234,754	0		
24 - RISK MANAGEMENT	0	0	0	0	0	0		
26 - PLANNING	99,604	99,604	0	0	99,604	0		
27 - DEPARTMENT OF PUBLIC HEALTH (DPH)	4,420	4,420	0	0	4,420	0		
29 - CITY AUDITOR	336,735	336,735	0	0	336,735	0	44	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	3,336,432	3,336,432	0	0	3,336,432	0		
34 - DPW - IDC CONSTRUCTION (CAPITAL)	17,462	17,462	0	0	17,462	0		
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	76,549	76,549	0	0	76,549	0		
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	13,993	13,993	0	0	13,993	0		
51 - 821 HOWARD STREET	1,005,653	1,005,653	0	0	1,005,653	0		
55 - 651 BRANNAN	2,294,910	2,294,910	0	0	2,294,910	0	45	
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	26,793,234	26,793,234	0	0	26,793,234	0	46	
66 - ANIL VERMA	395,204	395,204	0	0	395,204	0	47	
67 - HILL INTERNATIONAL CONTRACT 156	6,716,294	6,716,294	0	0	6,716,294	0	48	
68 - ARTHUR GALLAGER & CO. CS 164	6,800,000	6,340,196	0	0	6,340,196	459,804		
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	5,469,336	5,469,336	0	0	5,469,336	0	49	
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	26,220,609	0	50	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	0	11,432,312	0	51	
331 - BAY AREA RAPID TRANSIT (BART)	146,427	146,427	0	0	146,427	0		
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)	0	81,597	0	0	81,597	(81,597)		
<b>TOTAL FINAL DESIGN</b>	<b>115,075,988</b>	<b>114,034,067</b>	<b>0</b>	<b>0</b>	<b>114,034,067</b>	<b>1,041,921</b>		
11 - SFMTA PROJECT MANAGEMENT	21,500,000	20,459,596	56,073	603,464	21,063,060	436,940		
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	21,500,000	20,459,596	56,073	603,464	21,063,060	436,940		
12 - SFMTA ENGINEERING SERVICES	2,923,582	3,398,051	2,669	197,088	3,595,139	(671,557)		
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	3,340,403	2,669	197,088	3,537,491	(737,491)		
13 - SFMTA CONSTRUCTION MANAGEMENT	28,002,275	27,742,500	116,036	245,110	27,987,610	14,665		
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	28,002,275	27,742,500	116,036	245,110	27,987,610	14,665		
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,659,313	2,898,231	0	0	2,898,231	761,082		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	404,667	0	0	404,667	(105,067)		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	168,124	0	0	168,124	106,776		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	228,550	0	0	228,550	9,850		
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	390,568	0	0	390,568	486,308		
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] Dec 2021 Budget (YOE)	ACTUAL COSTS					[G] VARIANCE (B - F)	COST REPORT NOTES
		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total			
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B86]	0	204,261	0	0	204,261	(204,261)		
1.3.016.06.040.02 - DPT:DPT TRAFFIC SHOP CONTRACT 1300	1,200,000	0	0	0	0	1,200,000		
1.3.016.08.040.08 - DPT:PCOS:2UTL [68A]	400,728	400,728	0	0	400,728	0		
1.3.016.08.040.08 - DPT:SSD CN:2UTL	0	108,020	0	0	108,020	(108,020)		
1.3.016.08.080.04 - DPT:SSD [1326]	252,536	252,536	0	0	252,536	0		
1.3.016.08.080.04 - DPT:SSD [13BN]	23,302	23,302	0	0	23,302	0		
1.3.016.08.080.04 - DPT:SSD [13CN]	963	963	0	0	963	0		
1.3.016.08.080.04 - DPT:SSD [B85]	92,008	92,008	0	0	92,008	0		
1.3.016.03.040.08 - PCOS:1300/UMS [68CPT544132W.CPT544132W]	0	163,411	0	0	163,411	(163,411)		
1.3.016.04.040.08 - PCOS:1300/CTS [68CPT544132X.CPT544132X]	0	0	0	0	0	0		
1.3.016.05.040.08 - PCOS:1300/YBM [68CPT544132Y.CPT544132Y]	0	207,537	0	0	207,537	(207,537)		
1.3.016.09.040.08 - PCOS:1300/STS [68CPT544132Z.CPT544132Z]	0	252,092	0	0	252,092	(252,092)		
17 - MOTIVE POWER	2,195	0	0	0	0	2,195		
1.3.017.07.040.02 - PWR:SFMTA-MOTIVE POWER-UTL.REL	2,195	0	0	0	0	2,195		
18 - SFMTA OPERATIONS	400,000	155,852	0	0	155,852	244,148		
1.3.018.04.040.02 - OPS:SUPPORT TO CONTRACT 1300/CTS	100,000	67,354	0	0	67,354	32,646		
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300 - UMS O/L	50,255	73,817	0	0	73,817	(23,561)		
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300/UMS	249,745	14,681	0	0	14,681	235,063		
19 - OTHER SFMTA	1,000,000	945,836	0	0	945,836	54,164		
1.3.019.07.080.07 - OTH.MTA SFMTA-SURVEY; TSTG [6840]	1,800	1,720	0	0	1,720	80		
1.3.019.08.040.08 - OTH.MTA 1251 MATERIALS	150,000	126,149	0	0	126,149	23,851		
1.3.019.08.080.07 - OTH.MTA OPERATION SUPPORT DURI	848,200	817,966	0	0	817,966	30,234		
21 - ARTS COMMISSION	12,010,886	6,586,583	0	0	6,586,583	5,424,303		
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION COSTS	3,769,932	0	0	0	0	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	999,377	0	0	999,377	(165,113)		
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	1,397,606	0	0	1,397,606	(3,946)		
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT5441327]	3,011,963	3,773,436	0	0	3,773,436	(761,473)		
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [132J]	86,091	0	0	0	0	86,091		
1.3.021.97.040.06 - ARTS:ARTS COMMISSION ALLOC CO	1,160,000	0	0	0	0	1,160,000		
23 - CITY ATTORNEY'S OFFICE	2,171,781	3,074,976	0	0	3,074,976	(903,195)		
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	3,074,976	0	0	3,074,976	(903,195)		
25 - PUBLIC UTILITIES COMMISSION SEWER	(2,925,296)	0	0	0	0	(2,925,296)		
1.3.025.09.040.02 - STS.1256: SITE UTILITIES SFPUC SEWER MAIN	(2,925,296)	0	0	0	0	(2,925,296)		
26 - PLANNING	137,062	26,697	0	0	26,697	110,365		
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	26,697	0	0	26,697	110,365		
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	5,437,085	0	0	5,437,085	(1,195,073)		
1.3.028.02.040.02 - CM:CTYCO-PUBLIC UTIL COMM. (PUC)	0	4,745	0	0	4,745	(4,745)		
1.3.028.02.040.08 - PUC: FIELD OPERATIONS TUNNEL	398,400	528,347	0	0	528,347	(129,947)		
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] Dec 2021 Budget (YOE)	ACTUAL COSTS					[G] VARIANCE (B - F)	COST REPORT NOTES
		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total			
1.3.028.03.040.02 - PUC:CDD CONTRACT 1300/UMS SUPPORT	606,354	852,013	0	0	852,013	(245,659)		
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	48,770	0	0	48,770	181,230		
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	245,688	0	0	245,688	26,067		
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	97,695	0	0	97,695	17,305		
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPORT	450,282	860,157	0	0	860,157	(409,875)		
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	155,783	0	0	155,783	28,217		
1.3.028.06.040.02 - PUC:CMB CONTRACT 1300/SFWD AWSS MATERIAL	225,079	474,781	0	0	474,781	(249,702)		
1.3.028.07.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1250	248,035	291,501	0	0	291,501	(43,466)		
1.3.028.07.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1250	74,468	113,844	0	0	113,844	(39,376)		
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [3BB]	0	92,579	0	0	92,579	(92,579)		
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [445]	340,310	318,130	0	0	318,130	22,180		
1.3.028.08.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1251	266,252	289,424	0	0	289,424	(23,172)		
1.3.028.09.040.02 - PUC:CMB CONTRACT 1300/STS SUPPORT	520,077	507,749	0	0	507,749	12,328		
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTION	207,000	464,294	0	0	464,294	(257,294)		
<b>32 - DPW - IDC ENGINEERING (HYDRAULIC)</b>	<b>1,150,459</b>	<b>560,763</b>	<b>0</b>	<b>0</b>	<b>560,763</b>	<b>589,696</b>		
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)		
<b>34 - DPW - IDC CONSTRUCTION (CAPITAL)</b>	<b>6,703,969</b>	<b>6,345,071</b>	<b>0</b>	<b>0</b>	<b>6,345,071</b>	<b>358,898</b>		
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		
<b>36 - DPW - BSM INFRASTRUCTURE (MAPPING)</b>	<b>465,562</b>	<b>158,741</b>	<b>0</b>	<b>0</b>	<b>158,741</b>	<b>306,821</b>		
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)		
<b>37 - DPW - PCS MATERIAL TESTING LABORATORY</b>	<b>83,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,100</b>		
1.3.037.01.080.07 - DPW.MTL.LABDPW-MATERIAL TESTIN	83,100	0	0	0	0	83,100		
<b>39 - DPW - PCS SITE ASSESSMENT &amp; REMEDIATION (SAR)</b>	<b>613,853</b>	<b>438,455</b>	<b>0</b>	<b>0</b>	<b>438,455</b>	<b>175,398</b>		
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2213]	92,459	92,459	0	0	92,459	0		
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2250]	78,400	78,400	0	0	78,400	0		
1.3.039.01.080.04 -DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2257]	151,515	151,515	0	0	151,515	0		

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1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2313]	24,343	24,343	0	0	24,343	0		
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	58,757	10,109	0	0	10,109	48,648		
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CE13]	31,367	31,367	0	0	31,367	0		
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CH13]	100,000	8,621	0	0	8,621	91,379		
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR)	17,000	0	0	0	0	17,000		
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1252 [13C]	18,632	16,880	0	0	16,880	1,753		
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1300 [13C]	41,379	24,761	0	0	24,761	16,618		
46 - MACY'S WEST - SFPUC SEWER WORK	258,202	258,202	0	0	258,202	0		
1.3.046.08.040.02 - MCY.SWRC. CONTRACT: MACY'S-SEW	258,202	258,202	0	0	258,202	0		
51 - 821 HOWARD STREET	770,843	745,894	0	0	745,894	24,949		
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	696,753	692,970	0	0	692,970	3,783		
1.3.051.02.080.04 - ODC.HWRD:ODCs - TUNNEL CONTRACT 1252	10,000	1,056	0	0	1,056	8,944		
1.3.051.06.080.04 - ODC.HWRD:ODCs - STATION CONTRACT 1300	55,000	30,168	0	0	30,168	24,832		
1.3.051.06.080.04 - ODC.HWRD:W/MTA INST WTR SVC @ STS&YBM TRAILER	9,090	21,700	0	0	21,700	(12,610)		
55 - 651 BRANNAN	10,348	10,348	0	0	10,348	0		
1.3.055.01.080.03 - CM:ODCs - 651 BRANNAN STREET	10,348	10,348	0	0	10,348	0	59	
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	83,748,067	86,689,857	1,250,000	1,416,209	88,106,066	(4,357,999)		
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]	7,249,943	5,582,974	0	0	5,582,974	1,666,969		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3i][PM]	2,590,785	1,395,744	0	0	1,395,744	1,195,041		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3j]	7,000,000	6,081,401	0	0	6,081,401	918,599		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3j][PM]	2,000,000	1,520,350	0	0	1,520,350	479,650		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3m]	10,070,497	10,042,816	0	0	10,042,816	27,681		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3m][PM]	2,517,624	2,510,704	0	0	2,510,704	6,920		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3n]	2,400,000	9,173,853	1,000,000	1,132,967	10,306,820	(7,906,820)		
1.3.063.01.080.03 - CM:AECOM.CS149OM-EPC JV CS-149 [3n][PM]	600,000	2,293,463	250,000	283,242	2,576,705	(1,976,705)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9B]	11,042	11,042	0	0	11,042	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9D]	515,694	515,694	0	0	515,694	(0)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9E]	523,943	523,943	0	0	523,943	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9F]	461,196	461,196	0	0	461,196	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9G]	501,912	501,912	0	0	501,912	0		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9H]	1,219,093	1,219,093	0	0	1,219,093	(0)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9i]	2,974,444	3,039,000	0	0	3,039,000	(64,556)		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9j]	3,000,000	2,275,598	0	0	2,275,598	724,402		

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1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9m]	1,500,000	1,455,059	0	0	1,455,059	44,941		
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9m]	1,000,000	474,121	0	0	474,121	525,879		
1.3.063.01.080.04 - FD:CM:EPC JV CS49-PM [123A]	5,579,945	5,579,945	0	0	5,579,945	0		
1.3.063.97.080.03 - AECOM.CS149 ALLOCAT CONTING	0	0	0	0	0	0		
<b>64 - CN1300 JOB READINESS PROGRAM</b>	<b>1,060,000</b>	<b>956,145</b>	<b>0</b>	<b>0</b>	<b>956,145</b>	<b>103,855</b>	<b>61</b>	
1.3.064.06.040.08 - CN1300 JOB READINESS PROGRAM	1,060,000	956,145	0	0	956,145	103,855		
<b>67 - HILL INTERNATIONAL CONTRACT 156</b>	<b>3,031,391</b>	<b>2,848,817</b>	<b>(104,709)</b>	<b>0</b>	<b>2,848,817</b>	<b>182,574</b>		
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1336]	920,426	920,426	0	0	920,426	0		
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1337]	533,148	533,148	0	0	533,148	0		
1.3.067.01.080.03 - HILL.CS156:HILL INTL. [1330]	127,261	127,261	0	0	127,261	0		
1.3.067.01.080.03 - HILL INTERNATIONAL CS156 AWP 2016 [68CPT5441340.CPT5441	883,631	883,631	0	0	883,631	(0)		
1.3.067.01.080.03 - HILL INTERNATIONAL CS156 AWP 2017 [68CPT5441346.CPT5441	566,925	384,352	(104,709)	0	384,352	182,573		
<b>69 - BAYLAND SOIL PROCESS CONTRACT 175</b>	<b>500,000</b>	<b>255,144</b>	<b>0</b>	<b>0</b>	<b>255,144</b>	<b>244,856</b>	<b>62</b>	
1.3.069.06.040.01 - BAYLAND.CS175:BAYLAND SOIL PROCESS [133K]	500,000	255,144	0	0	255,144	244,856		
<b>71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1</b>	<b>2,158,846</b>	<b>2,215,889</b>	<b>0</b>	<b>0</b>	<b>2,215,889</b>	<b>(57,043)</b>		
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)		
<b>72 - STATIONS - CONTRACT # CONTRACT 155-2</b>	<b>23,137,580</b>	<b>24,700,954</b>	<b>170,941</b>	<b>170,941</b>	<b>24,871,895</b>	<b>(1,734,315)</b>		
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	51,351	64,777	0	0	64,777	(13,426)	64	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	23,086,229	24,636,177	170,941	170,941	24,807,118	(1,720,889)		
<b>73 - SYSTEMS/INTEGRATION - CONTRACT 155-3</b>	<b>7,988,979</b>	<b>8,771,726</b>	<b>171,927</b>	<b>107,563</b>	<b>8,879,289</b>	<b>(890,310)</b>		
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING CM [1236]	90,000	89,791	0	0	89,791	209		
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING CM [1334]	7,898,979	8,681,935	171,927	107,563	8,789,498	(890,519)		
<b>81 - UTILITIES RELOCATION #1 (PORTAL &amp; MOS) - CONTRACT 1250</b>	<b>11,968,150</b>	<b>11,968,150</b>	<b>0</b>	<b>0</b>	<b>11,968,150</b>	<b>0</b>		
1.3.081.07.040.01 - UR1.CONTRACT 1250:SITWORK: DEMOLIT	167,458	167,458	0	0	167,458	0		
1.3.081.07.040.02 - UR1.CONTRACT 1250:SITWORK: UTILITI	10,099,341	10,099,341	0	0	10,099,341	0		
1.3.081.07.040.03 - UR1.CONTRACT 1250:SITWORK:HAZMAT	453,321	453,321	0	0	453,321	0		
1.3.081.07.040.08 - UR1.CONTRACT 1250:SITWORK:TEMPORAR	1,248,030	1,248,030	0	0	1,248,030	0		
<b>82 - UTILITIES RELOCATION #2 (UMS) - CONTRACT 1251</b>	<b>20,669,081</b>	<b>20,669,081</b>	<b>0</b>	<b>0</b>	<b>20,669,081</b>	<b>(0)</b>	<b>65</b>	
1.3.082.08.040.01 - UR2.CONTRACT 1251:SITWORK: DEMOLIT	752,240	752,240	0	0	752,240	0		
1.3.082.08.040.02 - UR2.CONTRACT 1251:SITWORK:UTILITI	10,202,543	10,202,543	0	0	10,202,543	(0)		
1.3.082.08.040.03 - UR2.CONTRACT 1251:SITWORK:HAZMAT	172,712	172,712	0	0	172,712	0		
1.3.082.08.040.05 - UR2.CONTRACT 1251:SITWORK: STRUCTU	2,706,431	2,706,431	0	0	2,706,431	0		
1.3.082.08.040.06 - UR2.CONTRACT 1251:SITWORK:PEDESTRA	319,317	319,317	0	0	319,317	0		
1.3.082.08.040.07 - UR2.CONTRACT 1251:SITWORK:AUTO/BUS	190,362	190,362	0	0	190,362	0		
1.3.082.08.040.08 - UR2.CONTRACT 1251:SITWORK:TEMP FAC	6,325,476	6,325,476	0	0	6,325,476	0		
<b>GUIDEWAY TUNNELS TOTAL</b>	<b>233,511,253</b>	<b>233,511,253</b>	<b>0</b>	<b>0</b>	<b>233,511,253</b>	<b>0</b>		
<b>83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE</b>	<b>233,584,015</b>	<b>233,584,015</b>	<b>0</b>	<b>0</b>	<b>233,584,015</b>	<b>0</b>	<b>66</b>	
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGRN'D CUT	60,446,425	60,446,425	0	0	60,446,425	0		
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGROUND	105,423,090	105,423,090	0	0	105,423,090	0		
1.3.083.02.020.03 - CONTRACT 1252: STATIONS: UNDERGROUND	21,685,000	21,685,000	0	0	21,685,000	0		
1.3.083.02.040.01 - CONTRACT 1252:SITWORK:DEMO CLEARING	2,440,000	2,440,000	0	0	2,440,000	0		
1.3.083.02.040.02 - CONTRACT 1252:SITWORK:UTILITIES & RE	10,895,000	10,895,000	0	0	10,895,000	0		



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1.3.083.02.040.03 - CONTRACT 1252:SITWORK:HAZMAT&MITIGAT	200,000	200,000	0	0	200,000	0		
1.3.083.02.040.04 - CONTRACT 1252:SITWORK:ENVIRON. MITIG	300,000	300,000	0	0	300,000	0		
1.3.083.02.040.06 - CONTRACT 1252:SITWORK:PED/BIKE ACCES	50,000	50,000	0	0	50,000	0		
1.3.083.02.040.07 - CONTRACT 1252:SITWORK:AUTO/BUS ACCES	1,345,000	1,345,000	0	0	1,345,000	0		
1.3.083.02.040.08 - CONTRACT 1252:SITWORK:TEMP FACILITIE	30,799,500	30,799,500	0	0	30,799,500	0		
<b>83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs</b>	<b>(72,762)</b>	<b>(72,762)</b>	<b>0</b>	<b>0</b>	<b>(72,762)</b>	<b>0</b>	<b>67</b>	
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	
<b>CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL</b>	<b>1,122,009,291</b>	<b>1,132,187,071</b>	<b>2,755,145</b>	<b>5,760,143</b>	<b>1,137,947,214</b>	<b>-15,937,923</b>	<b>69</b>	
<b>84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAGE 1253</b>	<b>294,030,590</b>	<b>291,311,020</b>	<b>(1,500)</b>	<b>25,838</b>	<b>291,336,858</b>	<b>2,693,732</b>	<b>21</b>	
1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	253,081,452	252,273,837	(1,500)	16,299	252,290,136	791,316		
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,465,694	9,440,655	0	9,539	9,450,194	15,500		
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	6,071,588	6,071,588	0	0	6,071,588	0		
1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	4,360,395	4,360,395	0	0	4,360,395	0		
1.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS	550,000	6,936	0	0	6,936	543,064		
1.3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA	244,500	194,500	0	0	194,500	50,000		
1.3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE	18,969	18,969	0	0	18,969	0		
1.3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE	1,158,410	1,058,410	0	0	1,058,410	100,000		
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	11,139,701	9,914,749	0	0	9,914,749	1,224,952		
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	1,815,534	0	0	1,815,534	0		
1.3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR	216,957	216,957	0	0	216,957	0		
1.3.084.03.050.05 - UMS.1253: COMMUNICATIONS	1,134,314	1,165,414	0	0	1,165,414	(31,100)		
<b>84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODs</b>	<b>20,744,337</b>	<b>20,744,337</b>	<b>0</b>	<b>0</b>	<b>20,744,337</b>	<b>0</b>		
1.3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATION	1,832,330	1,832,330	0	0	1,832,330	0		
1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALATORS	490,000	490,000	0	0	490,000	0		
1.3.084.84.040.01 - CMOD:UMS.1253: DEMOLITION CLEARING	944,987	944,987	0	0	944,987	0		
1.3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL	3,270,038	3,270,038	0	0	3,270,038	0		
1.3.084.84.040.03 - CMOD:UMS.1253: HAZARDOUS MATERIALS	349,730	349,730	0	0	349,730	0		
1.3.084.84.040.07 - CMOD:UMS.1253: AUTOMOBILE BUS ACCE	0	0	0	0	0	0	69a	
1.3.084.84.040.08 - CMOD:UMS.1253: TEMPORARY FACILITIES	13,809,103	13,809,103	0	0	13,809,103	0		
1.3.084.84.050.05 - CMOD:UMS.1253: COMMUNICATIONS	48,149	48,149	0	0	48,149	0		
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING	(744,337)	0	0	0	0	(744,337)	41	
<b>85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254</b>	<b>247,567,810</b>	<b>241,493,693</b>	<b>0</b>	<b>116,931</b>	<b>241,610,624</b>	<b>5,957,186</b>		
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND TUNNEL	76,417,579	76,417,579	0	0	76,417,579	0		
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	133,001,053	127,943,207	0	106,931	128,050,138	4,950,916		
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,812,856	6,792,348	0	0	6,792,348	20,508		
1.3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING	400,000	400,000	0	0	400,000	0		

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		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total			
1.3.085.04.040.02 - CTS.1254: SITE UTILITIES UTIL	6,001,718	6,001,718	0	0	6,001,718	0		
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	350,000	47,389	0	0	47,389	302,611		
1.3.085.04.040.04 - CTS.1254: ENVIRONMENTAL MITIGA	325,665	28,951	0	0	28,951	296,714		
1.3.085.04.040.06 - CTS.1254: PEDESTRIAN/BIKE	15,000	15,000	0	0	15,000	0		
1.3.085.04.040.07 - CTS.1254: AUTOMOBILE BUS ACCE	225,677	225,677	0	0	225,677	0		
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	1,668,156	0	0	1,668,156	(68,563)		
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,063,927	4,063,927	0	0	4,063,927	0		
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTRIBUTION	124,481	114,481	0	10,000	124,481	0		
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	1,658,938	1,658,938	0	0	1,658,938	0		
<b>85 - CHINATOWN STATION (CTS) CMODs</b>	<b>157,529,850</b>	<b>147,403,639</b>	<b>12,750</b>	<b>293,485</b>	<b>147,697,124</b>	<b>9,832,725</b>	<b>71</b>	
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	5,835	4,002,086	20,512		
1.3.085.85.040.03 - CMOD:CTS.1254: HAZARDOUS MATERIALS	3,895,399	3,895,399	0	0	3,895,399	0		
1.3.085.85.040.08 - CMOD:CTS.1254: TEMPORARY FACILITIES	137,546,308	137,176,286	12,750	736	137,177,023	369,286		
1.3.085.85.050.05 - CMOD:CTS.1254: COMMUNICATIONS	1,347,927	1,061,013	0	286,914	1,347,927	0	71a	
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	(12,850,462)	0	0	0	0	(12,850,462)	72	
<b>86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255</b>	<b>158,089,000</b>	<b>156,323,913</b>	<b>20,637</b>	<b>28,846</b>	<b>156,352,759</b>	<b>1,736,241</b>		
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	118,405,840	118,320,713	400	12,182	118,332,895	72,945		
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,333,287	5,313,991	16,632	0	5,313,991	19,296		
1.3.086.05.040.01 - YBM.1255: DEMOLITION CLEARING	657,000	657,000	0	0	657,000	0		
1.3.086.05.040.02 - YBM.1255: SITE UTILITIES UTIL	7,163,278	7,163,278	0	0	7,163,278	0		
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,629,439	1,887,969	0	0	1,887,969	741,471	73	
1.3.086.05.040.04 - YBM.1255: ENVIRONMENTAL MITIGA	100,000	3,605	3,605	0	3,605	96,395		
1.3.086.05.040.06 - YBM.1255: PEDESTRIAN/BIKE	16,665	1	0	16,664	16,665	0		
1.3.086.05.040.07 - YBM.1255: AUTOMOBILE BUS ACCE	1,542,725	1,542,725	0	0	1,542,725	0		
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,564,753	14,758,619	0	0	14,758,619	806,134		
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	1,726,492	1,726,492	0	0	1,726,492	0		
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,708,425	3,708,425	0	0	3,708,425	0		
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	1,241,096	1,241,095	0	0	1,241,095	1		
<b>86 - YERBA BUENA MOSCONE STATION (YBM) CMODs</b>	<b>4,889,959</b>	<b>4,479,432</b>	<b>0</b>	<b>14,287</b>	<b>4,493,719</b>	<b>396,240</b>		
1.3.086.86.020.03 - CMOD:YBM.1255: UNDERGROUND STATION	466,470	466,470	0	0	466,470	0		
1.3.086.86.020.07 - CMOD:YBM.1255: ELEVATORS ESCALATOR	210,055	210,055	0	0	210,055	0		
1.3.086.86.040.01 - CMOD:YBM.1255: DEMOLITION CLEARING	266,386	266,386	0	0	266,386	0	73	
1.3.086.86.040.02 - CMOD:YBM.1255: SITE UTILITIES UTIL	3,570,282	3,159,755	0	14,287	3,174,042	396,240		
1.3.086.86.040.03 - CMOD:YBM.1255: HAZARDOUS MATERIALS	150,828	150,828	0	0	150,828	0		
1.3.086.86.040.04 - CMOD:YBM.1255: ENVIRONMENTAL MITIGA	102,734	102,734	0	0	102,734	0		
1.3.086.86.040.06 - CMOD:YBM.1255: PEDESTRIAN/BIKE	35,489	35,489	0	0	35,489	0		
1.3.086.86.040.08 - CMOD:YBM.1255: TEMPORARY FACILITIES	87,715	87,715	0	0	87,715	0		
1.3.086.86.050.05 - CMOD:YBM.1255: COMMUNICATIONS		0	0	0	0	0	73a	

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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	135,105,038	75,199	410,553	135,515,591	4,473,409		
1.3.087.09.010.02 - STS.1256: GUIDEWAY: AT-GRADE SEMI-EXCLUSIVE (ALLOWS C	2,860,000	2,860,000	0	0	2,860,000	0		
1.3.087.09.010.06 - STS.1256: GUIDEWAY: UNDERGROUND CUT & CVR	9,257,731	9,247,731	0	10,000	9,257,731	0		
1.3.087.09.010.07 - STS.1256: GUIDEWAY: UNDERGROUN	16,723,552	16,668,952	0	2,600	16,671,552	52,000		
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	6,946,667	0	0	6,946,667	656,190		
1.3.087.09.040.02 - STS.1256: SITE UTILITIES, UTILITY RELOCA	17,464,046	14,777,505	0	22,545	14,800,050	2,663,996		
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	2,116,924	0	0	2,116,924	1		
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	13,896,832	13,866,368	0	0	13,866,368	30,464		
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL AND SIGNALS	27,543,451	27,576,351	0	0	27,576,351	(32,900)		
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	4,463,368	3,801,219	0	1,502	3,802,721	660,647		
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	9,889,014	9,885,014	0	0	9,885,014	4,000		
1.3.087.09.050.04 - STS.1256: TRACTION POWER DISTRIBUTION	6,099,675	5,814,175	74,999	214,841	6,029,016	70,659		
1.3.087.09.050.05 - STS.1256: COMMUNICATIONS	7,996,237	7,810,152	200	109,065	7,919,217	77,020		
1.3.087.09.050.07 - STS.1256: CENTRAL CONTROL	2,614,586	2,527,686	0	50,000	2,577,686	36,900		
87 - SURFACE TRACKWORK AND SYSTEMS (STS) CMODs	121,805,969	135,326,000	2,648,059	4,870,203	140,196,203	(18,390,234)		
1.3.087.89.020.03 - CMOD:STS.1256: UNDERGROUND STATION	(4,876,785)	(4,876,785)	0	0	(4,876,785)	0		
1.3.087.89.040.01 - CMOD:STS.1256: DEMOLITION, CLEARING, EARTHWORK	399,000	399,000	0	0	399,000	0		
1.3.087.89.040.02 - CMOD:STS.1256: SITE UTILITIES, UTILITY RELOCA	1,482,322	1,472,227	0	10,095	1,482,322	0		
1.3.087.89.040.03 - CMOD:STS.1256: HAZARDOUS MATERIALS	18,221	18,221	0	0	18,221	0		
1.3.087.89.040.07 - CMOD:STS.1256: AUTOMOBILE BUS ACCE	0	17,415,829	2,504,694	3,645,011	21,060,840	(21,060,840)		
1.3.087.89.040.08 - CMOD:STS.1256: TEMPORARY FACILITIES	124,730,194	120,891,626	143,365	1,192,670	122,084,295	2,645,899	74a	
1.3.087.89.050.01 - CMOD:STS.1256: TRAIN CONTROL	(17,776,769)	-17,801,477	0	0	-17,801,477	24,708		
1.3.087.89.050.02 - CMOD:STS.1256: TRAFFIC SIGNALS AND	242,427	220,000	0	22,427	242,427	0		
1.3.087.89.050.05 - CMOD:STS.1256: COMMUNICATIONS	17,587,360	17,587,360	0	0	17,587,360	0		
1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	(19,152,467)	0	0	0	0	(19,152,467)	75	
88 - STATIONS CONTRACT 1300	2,435,063	2,557,792	0	0	2,557,792	(122,729)		
1.3.088.06.080.04 - CN1300 CONSTRUCTION TRAILER [68CPT5441316.CPT5441316]	80,000	0	0	0	0	80,000		
1.3.088.06.080.04 - DT-CN1300 COMMUNICATIONS INSTALL [68CPT5441317.CPT544	1,430,594	1,784,103	0	0	1,784,103	(353,509)		
1.3.088.06.080.04 - MTA Communications - Business Liaison to support CN1300 CON[68C	420,000	345,739	0	0	345,739	74,261		
1.3.088.06.080.04 - IT-CN1300 Installation [68CPT5441319.CPT5441319]	448,371	382,655	0	0	382,655	65,716		
1.3.088.06.080.04 - CN1300 Installation Maintenance [68CPT5441320.CPT5441320]	25,000	4,659	0	0	4,659	20,341		
1.3.088.06.080.04 - DT Support - Stations [68CPT544135.CPT5441325]	31,098	40,635	0	0	40,635	(9,537)		
141 - CONSTRUCTION ADMINISTRATION	0	0	0	0	0	0		
1.3.141.97.080.04 - CONSTR.ADMIN:ALLOC CONTING	0	0	0	0	0	0	75a	
142 - LEGAL/PERMITS	2,014,204	0	0	0	0	2,014,204		
1.3.142.01.080.06 - LGL.PRMTSF:LEGAL; PERMITS	2,014,204	0	0	0	0	2,014,204		
144 - STARTUP	8,300,329	188,758	0	0	188,758	8,111,571		
1.3.144.01.080.08 - STRT: STARTUP (SFMTA Transit)	6,941,907	188,758	0	0	188,758	6,753,149		

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1.3.144.97.080.08 - STRTA: AC STARTUP ALLOC CONTIN	1,358,422	0			0	1,358,422		
151 - TEMPORARY LICENSE AGREEMENT	17,000	0	0	0	0	17,000		
1.3.151.01.080.06 - TEMP.LICPORARY LICENSE AGREEME	17,000	0	0	0	0	17,000		
170 - COMMUNICATIONS CONNECTIONS	10,599,579	2,899,593	0	0	2,899,593	7,699,986		
1.3.170.01.050.04 - COMM.CONNN:COMMUNICATION CONN	5,757,629	0	0	0	0	5,757,629		
1.3.170.01.050.05 - CSP Radio Design	641,950	641,950	0	0	641,950	0		
1.3.170.01.050.05 - CSP Radio Cable	377,788	337,643	0	0	337,643	40,145		
1.3.170.01.050.05 - CSP Radio Procurement	3,822,212	1,920,000	0	0	1,920,000	1,902,212		
181 - AON RISK INSURANCE CS 163	26,803,757	26,792,944	0	0	26,792,944	10,813		
1.3.181.01.040.08 - AON.CS163 AON RISK INS.	26,778,757	26,767,944	0	0	26,767,944	10,813		
1.3.181.01.080.03 - AON.CS171 AON RISK INS. STUDY	25,000	25,000	0	0	25,000	0		
191 - FARE COLLECTION CONTRACTOR	5,400,000	366,130	0	0	366,130	5,033,871		
1.3.191.01.050.06 - FARE.CONSUM:FARE COLLECTION	5,400,000	366,130	0	0	366,130	5,033,871		
192 - THALES T&S CENTRAL CONTROL	28,921,326	22,353,785	0	0	22,353,785	6,567,542		
1.3.192.01.050.01 - THALES T&S ATCS	487,972	106,179	0	0	106,179	381,793		
1.3.192.01.050.01 - CN1266-2 Advanced Train Control System (ATCS) - Implementation	25,007,930	19,130,974	0	0	19,130,974	5,876,956		
1.3.192.01.050.01 - CN1266-1 Advanced Train Control System (ATCS) - Equipment	3,425,424	3,116,632	0	0	3,116,632	308,792		
202 - JOC2-022.0	63,938	0	0	0	0	63,938		
1.3.202.01.040.02 - JOC2-022:15&22 POTHOLING UTILI LGHT FNDS	63,938	0	0	0	0	63,938		
203 - JOC2-029.0	53,317	0	0	0	0	53,317		
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	53,317		
302 - PG&E	1,988,173	3,874,699	0	0	3,874,699	(1,886,526)		
1.3.302.03.050.03 - PGE PERMANENT POWER UMS	(2,350,000)	0	0	0	0	(2,350,000)		
1.3.302.03.050.03 - PGE POWER FEED UMS	2,959,826	1,305,477	0	0	1,305,477	1,654,349		
1.3.302.04.050.03 - PGE PERMANENT POWER CTS	(2,350,000)	0	0	0	0	(2,350,000)		
1.3.302.04.050.03 - PGE POWER FEED CTS	2,959,826	0	0	0	0	2,959,826		
1.3.302.05.050.03 - PGE PERMANENT POWER YBM	(2,368,540)	0	0	0	0	(2,368,540)		
1.3.302.05.050.03 - PGE POWER FEED YBM	3,125,222	2,569,222	0	0	2,569,222	556,000		
1.3.302.09.050.03 - PGE POWER FEED STS	11,839	0	0	0	0	11,839		
331 - BAY AREA RAPID TRANSIT (BART)	951,356	476,611	0	0	476,611	474,745		
1.3.331.01.080.04 - CM:SFMTA LABOR-ENG SVCS-IRP/BART/SF	50,000	33,152	0	0	33,152	16,848		
1.3.331.01.080.06 - CM: BAY AREA RAPID TRANSIT (BART) [122A]	901,356	443,459	0	0	443,459	457,897		
333 - AMERICAN PUBLIC TRANSP. ASSOCIATION (APTA) CS-APTA	146,500	62,112	0	0	62,112	84,388		
1.3.333.01.080.03 - APTA:APTA - IRP [2G]	46,500	31,054	0	0	31,054	15,446		
1.3.333.01.080.03 - APTA:APTA - IRP [2C]	100,000	31,058	0	0	31,058	68,942		
334 - BART FARE COLLECTION SYSTEM	700,000	475,136	0	0	475,136	224,864		
1.3.334.01.050.06 - BART:BART FARE COLLECTION EQP	700,000	475,136	0	0	475,136	224,864		
401 - ECONOMIC AND WORKFORCE DEVELOPMENT (EWD)	17,600	17,600	0	0	17,600	0		
1.3.401.01.080.04 - EWD: MAYORS OFFICE ECON DEV	17,600	17,600	0	0	17,600	0		
402 - DEPARTMENT OF TECHNOLOGY	242,371	250,534	0	0	250,534	(8,163)		
1.3.402.07.050.04 - DT:1UTL:COMM. CONNECTIONS	166,756	179,179	0	0	179,179	(12,423)		
1.3.402.08.050.04 - DT:2UTL:COMM.CONNECTIONS	75,615	71,354	0	0	71,354	4,261		



[A] Cost Account Description	[B] Dec 2021 Budget (YOE)	ACTUAL COSTS					[G] VARIANCE (B - F)	COST REPORT NOTES
		[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total			
404 - DEPARTMENT OF BUILDING INSPECTION (DBI)	1,204,081	1,204,081	0	0	1,204,081	0		
1.3.404.01.080.06 - DPT OF BUILDING INSPECTION	1,204,081	1,204,081	0	0	1,204,081	0		
491 - FORM B - REIMBURSEMENT	(12,227,954)	0	0	0	0	(12,227,954)		
1.3.491.02.040.02 - FORMB - CONTRACT 1252 UTILITY REIMBUR	(254,050)	0	0	0	0	(254,050)	76	
1.3.491.03.040.02 - FORMB - UMS:CONTRACT 1300 UTILITY REIMBURSEMENT	(528,370)	0	0	0	0	(528,370)	77	
1.3.491.04.040.02 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEMENT	(451,703)	0	0	0	0	(451,703)	78	
1.3.491.05.040.02 - FORMB - YBM:CONTRACT 1300 UTILITY REIMBURSEMENT	(100,000)	0	0	0	0	(100,000)	79	
1.3.491.06.040.02 - FORMB - CONTRACT 1300 UTILITY REIMBUR	0	0	0	0	0	0	80	
1.3.491.07.040.02 - FORMB - CONTRACT 1250 UTILITY REIMBUR	(2,275,419)	0	0	0	0	(2,275,419)	81	
1.3.491.08.040.02 - FORMB - CONTRACT 1251 UTILITY REIMBUR	(7,618,412)	0	0	0	0	(7,618,412)	82	
1.3.491.09.040.02 - FORMB - STS:CONTRACT 1300 UTILITY REIMBURSEMENT	(1,000,000)	0	0	0	0	(1,000,000)	83	
<b>TOTAL CONSTRUCTION PHASE</b>	<b>1,670,593,425</b>	<b>1,665,536,741</b>	<b>4,418,082</b>	<b>8,500,518</b>	<b>1,674,037,259</b>	<b>(3,443,834)</b>		
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	
<b>TOTAL VEHICLES</b>	<b>12,000,000</b>	<b>11,929,247</b>	<b>0</b>	<b>0</b>	<b>11,929,247</b>	<b>70,753</b>		
1.5.015.01.060.01 - RE: EASEMENT ACQUISIT	400,000	322,939	0	0	322,939	77,061		
1.5.015.01.060.01 - RE: REAL EST SITE ACQ	15,955,138	14,224,616	0	0	14,224,616	1,730,522		
1.5.015.01.060.01 - RE: REAL ESTATE	766,272	766,272	0	0	766,272	0		
1.5.015.01.060.01 - RE: REC & PARK MOU	6,987,624	7,057,399	0	0	7,057,399	(69,775)		
1.5.015.01.060.01 - RE:-DEPT OF TRANSPOR	2,686,000	2,686,000	0	0	2,686,000	0		
1.5.015.01.060.01 - RE:-LICENSES FEES	400,000	381,311	0	0	381,311	18,689		
1.5.023.01.060.01 - ATTY:REAL ES	2,764,872	2,764,872	0	0	2,764,872	0		
1.5.101.01.060.02 - RES.RELO: RELOCATION COST	1,275,200	1,289,701	0	0	1,289,701	(14,501)		
1.5.102.01.060.02 - COMM.RELO-RELOC COMMERCIAL	905,311	1,119,729	0	0	1,119,729	(214,418)		
<b>TOTAL ROW, LAND, EXISTING IMPROVEMENTS</b>	<b>32,140,418</b>	<b>30,612,840</b>	<b>0</b>	<b>0</b>	<b>30,612,840</b>	<b>1,527,578</b>		
<b>90 - CONTINGENCY</b>		0	0	0	0	23,923,431		
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	23,923,431					23,923,431	84	
<b>TOTAL ALLOCATED CONTINGENCY</b>						0		
<b>TOTAL PROJECT COST</b>	<b>1,900,275,322</b>	<b>1,868,654,954</b>	<b>4,418,082</b>	<b>8,500,518</b>	<b>1,877,155,472</b>	<b>23,119,849</b>		

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7.1 Program Project Budget	
1	The Central Subway Project (CSP) ( SFMTA Capital Program CPT 544 ) is defined in the FTA-SFMTA October 2012 Full Funding Grant Agreement with a budget of \$1.578 billion.
2	The TBM Retrieval Shaft Relocation (SFMTA Capital Program CPT 690) is one of four capital projects that is related to CSP. These projects are reported for background information as needed outside of the main body of the Project Monthly Progress Report.
3	The Chinatown Plaza (CPT 718) is for Chinatown Station enhancement capital project. The project has funding outside of the Central Subway Project. The construction is carried out in Contract 1300 Contract Modifications.
4	CPT 665 is a Real Estate project to relocation in compliance with California regulations for business relocations but outside of the Central Subway Project as defined by the FTA FFGA.
5	CPT 705 is an SFMTA capital improvement between the Agency and community stakeholders outside of the Central Subway Project.
6	Utility company reimbursements (Form B) result in funds received for work carried out on behalf of utilities concurrent to CSP work to achieve efficiencies.
7	PG&E Power Feed reimbursement funds are the refunds from PG&E when completion of Stations construction and switch to permanent power.
8	BART Elevator funds are reimbursements for work carried out on behalf of BART to install BART Powell Street Station elevator.
9	The Tutor Perini - CAD Files funds are the result of payments by the contractor for project documentation not included in the contract.
10	SFPUC Sewer Main funds are reimbursements for work carried out on behalf of San Francisco PUC (includes 10% construction contingency).
11	Traffic Effectiveness Project funded Contract Modification #40 for Culvert, Street & Sidewalk Restoration in North Beach are reimbursements for work carried out in Contract 1252 on behalf of SFMTA SSD.
12	SFPUC 24" Water Main funds are reimbursements for work carried out in Contract 1252 Contract Modification #41 on behalf of San Francisco PUC (includes construction management cost).
13	SFPUC North Beach 24" Water Main Additional Work funds are reimbursements for work carried out in Contract 1252 Contract Modification #48 on behalf of San Francisco PUC (includes construction management cost).
14	CN1300 Contract Modification #6 is funded by Chinatown Plaza (CPT 718) project.
15	Traffic Effectiveness Project funded Contract Modification #51 for support for North Beach Restoration, OCS and Streetlighting which are reimbursements for work carried out in Contract 1252.
16	Public Works' funds are for reimbursements for work carried out on behalf of Public Works MOU for Water Line above YBM Station.
17	SFWD funded Contract Modification #60 for 8' water line at the intersection of Fourth and Jessie Street which are reimbursements for work carried out in Contract 1252.
17a	The Chinatown Plaza (CPT 718) is used for Chinatown Station enhancement. The project has funding outside of the Central Subway Project. The construction is carried out in Contract 1300 Contract Modifications. CMOD#123 is being partially funded by CPT718 funding.

**7.4 Contingency Management Trend Report**

18	In Oct 2014 Report, updated Contract 1250 contract cost to segregate contract amount and contract modification amount. Note that September 2013 Supplemental Authorized Contingency "column f" did not include completed contract.
19	In Oct 2014 Report, updated Contract 1251 contract cost to segregate contract amount and contract modification amount. Note that September 2013 Supplemental Authorized Contingency "column f" did not include completed contract.
20	Contract 1252 Original Contract Value "column a" and Original Contingency "column f" did not match September 2013 Supplemental due to Supplemental were used the revised value to reflect Contract Modifications #3-#18. Reduced Contract 1252 contingency to reflect CMod #20 for retrieval shaft relocation cost \$5.15M funded by CPT690, CMod #40 for Culvert, Street & Sidewalk Restoration cost \$694,651 funded by Traffic Effectiveness Project (TEP), and CMod #41 for install 24" Water Main in North Beach cost \$328,860 funded by SFPUC. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2106 report, reduced Contract 1252 contingency by \$377,435 cost to reflect certification of five CMODS. CMod#49, #52 and #53 total \$221,967 are funded by CPS. CMod#51 Support for North Beach Restoration, OCS and Streetlighting cost of \$155,468 is being funded by TEP. Released \$155,468 CN1252 allocated contingency to program's unallocated contingency. In May 2016 report, reduced Contract 1252 contingency by \$185,913 cost to reflect certification of two CMODS. In July 2016 report, increased Contract 1252 contingency by \$15,259 cost to reflect certification of one CMOD. In October 2016 report, increased Contract 1252 contingency by \$319,658 to reflect certification of three credit CMODS. In March 2018 report, increased Contract 1252 contingency by \$131,715 cost to reflect certification of two CMODS.
21	BART Elevator scope and SFPUC Sewer Main scope is in Contract 1300; effort will be funded by BART. In January 2015 Report, corrected Station Contract value to match awarded amount. In March 2019, \$18,036,709 was taken out of original contract of \$879,676,400 due to ATCS no longer being done by Tutor hence new revised budget of \$861,639,691. In August 2019, used new methodology to report on the potential changes to our contract cost. See backup via SCC codes. The budget number in cell m14 has also been updated to reflect the true cost.
22	In March 2016 Report, lowered Contract 1300 Stations CTS contingency by \$75,000 because Contract Modification #6 was funded by Project CPT718. In Nov 2016 report, reversed moving contingency.
23	In December 2017 Report, \$1,060,000 Job Readiness Budget is shown as an approved change in Column "b". In March 2019 report, \$18,036,709 taken out of Tutor contract (STS package) and put into unallocated contingency. We then used the same amount from unallocated contingency, \$18,036,709 and moved to its own line for the ATCS (advanced train control system) contract. As of March 2019, Tutor has not given us credit for the \$18,036,709 that is still sitting on the STS AL-14 bid item. That bid item should not be \$25M but instead be \$7,054,078 to reflect amount we have previously paid out. We will continue to monitor the STS-AL bid item to make sure Tutor corrects the amount. In August 2019, we are showing the \$4,841,950 from unallocated program contingency being moved to SCC 50 Systems category.
24	In December 2017 Report, there is a change in Column "f" and Column "h" to reflect reporting to include CN1250 and CN1251. Prior to this, Column "f" and Column "h" reporting excluded CN1250 and CN1251.

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25	In April 2015 report, real estate budget stated in RAMP Rev5 is \$36.7M, including \$1M contingency. The cost workbook ROW & contingency budget reflects this with \$36,511,799 and \$1,000,000 respectively. Revised cost book ROW budget & contingency to be \$37,511,799. The \$4,265,478 Caltrans lease savings is allocated to ROW allocated contingency. In February 2017, released \$5,265,478 from completed phase Real Estate assigned contingency to program unallocated contingency. In September 2020, re-programmed, re-aligned and re-adjusted the allocated STS contingency to increase by \$22,708,106 due to funding received.
26	In Dec 2014 Report, redistributed LRV budget to reflect recent firm bid cost per vehicle (\$3,327,250/unit) from vehicle procurement contract award. (SFMTA Board meeting 15JUL14, calendar item #11). Vehicle line item total budget remains unchanged, redistributed fund by reducing base amount to \$13,309,000, column "c" and increased allocated contingency column "h", by same amount. In Dec 2018 Report, increased LRV budget by \$3,491,000 to reflect final costs of vehicles (\$4,200,000/unit) for vehicle procurement contract to \$16,800,000. Reduced LRV contract and transferred the \$9,585,653 from LRV contingency to unprogrammed contingency.
26a	In July 2018 Report, increased SCC 80 Professional Services category budget by \$2,263,498 due to additional costs related to CN1300 stations; cost was transferred from program unallocated contingency. In August 2019 report, we are realigned and adjusted the allocated contingency for Professional Services and moved to approved changes column.
27	In Oct 2014 Report, made two corrections: i) revised Professional Services, Original Contract Value "column a" from \$310,518,041 to \$310,618,041, ii) revised Original Cogency. "column f" unallocated contingency from \$3,883,481 to \$3,845,945. In April 2015 report, used \$500K program contingency for CS-175 Bayland Soil Process contract. In August 2015 Report, added \$15M from Contract 1252. In March 2016 Report, the \$155,468 costs funded by other project offset credits added to program's unallocated contingency. In August 2016 Report, used \$15M to UMS contingency and \$5M to CTS contingency. In February 2017, increased \$5,265,478 from real estate contingency to program unallocated contingency and used \$1M for CN1300 Job Readiness Program contract. In July 2018 report, used \$2,263,498 to increase SCC 80 Professional Services category regarding matters related to stations from program unallocated contingency. In August 2019 report, used \$4,841,950 to increased SCC 50 Systems category regarding matters related to CSP Radio from program unallocated contingency.
28	The total Central Subway Project budget of \$1.578 billion, based on the October 2012 FFGA with the FTA, is the primary MPR report reference. In September 2020, the project budget increased from \$1.578 billion to \$1.601 billion due to additional funding. In October 2020, the project budget increased from \$1.601 billion to \$1.665 billion due to additional funding. In January 2021, the project budget increased from \$1.665 billion to \$1.691 billion due to additional funding. In February 2021, the project budget increased from \$1.691 billion to \$1.698 billion due to additional funding. In March 2021, the project budget increased from \$1.698 billion to \$1.806 billion due to additional funding. In April 2021, the project budget increased from \$1.806 billion to \$1.877 billion due to additional funding.
29	Estimate at Completion is shown at Column "e".
30	Estimate at Completion vs. Budget variance is shown at Column "k".
<b>7.5 Contract Modification/Trend Log - Contract 1300 Stations</b>	
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.

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37	<p>In October 2016 report, 1252 program contingency increased by \$319,658 due to execution of three contract modifications as credit offsets. In November 2016 report, took away \$75,000 funding from program's unallocated contingency and moved to CTS allocated contingency. In February 2017 report, initiated budget from program unallocated contingencies for CN1300 Job Readiness Program. CN1300 Job Readiness Program budget was part of CN1300 base value, a deduction contract modification will lower CN1300 contract value. Also released \$5,265,478 assigned real estate contingency to program unallocated contingency. In June 2017, initiated budget from Contract 1251's contract value (true final administrative close out cost) to program unallocated contingency, a deduction contract modification that lowered CN1251's contract value by \$125,501. In March 2018 report, 1252 program contingency increased by \$131,715 due to execution of two contract modifications as credit offsets. In July 2018, increased SCC category Professional Services in 80.04 Construction Management by \$2,263,498 by reducing program unallocated contingency. In August 2019, increased SCC category Other Construction in 50.05 CSP Radio by \$4,841,950 by reducing program unallocated contingency.</p>
38	<p>In April 2015 report, program contingency decreased by \$500,000. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2016 report, released \$155,468 from Contract 1252 Tunnel assigned contingency and \$75,000 from Contract 1300 Stations assigned contingency totaling \$230,956. In August 2016, released a total of \$20M unassigned contingency to assigned contingency; \$15M to CN1300 UMS station and \$5M to CTS station. In February 2017 report, initiated budget from program unallocated contingencies for CN1300 Job Readiness Program. CN1300 Job Readiness Program budget was part of CN1300 base value, a deduction contract modification will lower CN1300 contract value. Also released \$5,265,478 assigned real estate contingency to program unallocated contingency. In July 2017, increased program unallocated contingency by \$125,501 due to CN1251's revised contract value. In July 2018, reduced program unallocated contingency by \$2,263,498 to fund additional costs for SCC category Professional Services in 80.04 Construction Management. In December 2018, reallocated CN1252 budget of 2,402,247 (due to closeout cmod reduction of 1,435,816 and contingency release of 966,430) and LRV budget contingency of 9,585,653 and released a total of 11,987,900 to unprogrammed contingency. In August 2019, reduced program contingency by \$4,841,950 to fund additional costs for SCC category Other Construction in 50.05 to fund CSP Radio related services. In August 2020, used \$5.25M of unprogrammed contingency to fund AECOM 2020 AWP \$4.5M and AECOM 2020 ODC \$750K. In October 2020, added \$20,265,846 to unprogrammed contingency. In January 2021, moved \$200K from unprogrammed contingency to CN1300 STS contingency.</p>

7.7 Budget Expenditures by SCC Codes	
39	<p>In March 2017, added new columns for "Supplemental 2013 Budget" and "Remaining Budget". In April, added new column for "Contingency". In May 2017, added new column for "Report Note". In May 2017, breakdown the combined SCC codes 10 to 50 into individual row for 10, 20, 40, 50 categories. Assigned SCC code to all CN1300 potential changes. Contract 1300 Station assigned contingency SCC are 20.01 and 20.03. The budget transfer is using assigned contingency to process contract modifications. In June 2017, adjusted and realigned SCC codes. In July 2018, the budget transfer is using SCC 90 program unallocated contingency to process an increase in budget for category SCC 80.03-90.04 PM For Design &amp; Construction. In March 2019, added \$18,036,709 from taking out the ATCS from Tutor contract. The budget transfer was used to create a stand alone line for ATCS work in 50.01 under Thales. In August 2020, used \$5.25M of unprogrammed contingency to create AECOM 2020 AWP \$4.5M and AECOM 2020 ODC \$750K. In October 2020, used \$32M of unprogrammed contingency to increase the contingencies for CN1300 CTS, YBM and STS station; increased AECOM 2020 AWP &amp; ODC by \$6M; increased CS 155.2 by \$3,728,919 and added \$20,265,846 to unprogrammed contingency. In January 2021, received \$26M funding and increased the contingency for CN1300 STS station; lowered the LRV budget by \$4.8M and reduced the unprogrammed programmed contingency by \$200K and transferred the \$5M to increased the contingency for CN1300 STS. In February 2021, received \$6.6M funding and increased contingency for CN1300 STS station. In March 2021, received \$108,266,568 funding and increased budget for ATCS by \$1M, contingency for CN1300 CTS station by \$93,961,494, fully funded CSDG by \$3,556,243, fully funded HNTB by \$3,160,710, AECOM 2020 AWP by \$2,588,121 and AECOM 2021 AWP by \$3M and ODC by \$1M. In April 2021, received \$71,600,000 funding and increased budget for ATCS by \$8.5M, PM \$1M, CM \$1M, \$29.1M to CTS contingency and \$32M to STS contingency. In October 2021, the current funding level to date has already been fully met which includes excess federal funds consisting of FTA 5309 Capital Investment Grant of \$23,121,562. The total revised project budget is currently \$1.900 billion, \$9 million above the original \$1.891 billion of the project budget due to extra funds received that will be included in contingency.</p>
7.9 Detail Monthly Expenditure Report	
Phase 1 Preliminary Engineering	
40	<p><b>In February 2017, line item budget was adjusted to line-up expenditures.</b> Famis cost for Preliminary Engineering (PE) is \$48,210,903.71. Cost Report for Preliminary Engineering (PE) is \$46,542,060. Some Design cost reported in Famis were moved to Design Phase.</p>
Phase 2 Design Phase	
41	Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.
42	Famis Phase 1 PE Index Code: 357906.CPT5441112 cost is \$10,222,939 \$8,949,300 is reported in Cost Report Phase 1 PE and the balance of \$1,273,639 is reported in Phase 2 Design.
43	1.2.021.01.080.03 - FD:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]: FAMIS: \$1,425,167 Cost Report: \$1,425,167 cost is reported in Phase 2 Design, 1.2.021.01.080.03 Cost Transfer: Remaining cost is reported in Phase 3 Construction, 1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]
44	In December 2016 Report, Central Subway Project has re-activated CSA Audit Work Order to perform overhead audit for three consultant forms.

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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]
<b>Phase 3 Construction Phase</b>	
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.



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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.

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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

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84	<p>Increase Program contingency \$1,023,508. Refer to Report Notes #11 and #12. In April 2015 report, program contingency decreased by \$500,000. Refer to Report Notes #20. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency. In March 2016 report, program unallocated contingency increased by \$230,468. In August 2016, released \$20M to CN1300 Construction assigned contingency from program unallocated contingency. In February 2017, used \$1,060,000 for CN1300 Job Readiness Program from unallocated contingency, refer to Note 30. Also, released \$5,265,478 assigned real estate contingency to program unallocated contingency, refer to Note 27. In July 2018 report, used \$2,263,498 to fund SCC 80 Professional Services category regarding matters related to stations from program unallocated contingency. In December 2018, moved \$11,987,900 from CN1252 and LRV contingency to program unallocated contingency. In March 2019, added \$18,036,709 from taking out the ATCS from Tutor contract. The budget transfer was used to create a stand alone line for ATCS work in 50.01 under Thales. In August 2019, used \$4,841,950 from program unallocated contingency to create CSP Radio Design, CSP Radio Cable, and CSP Radio Procurement in SCC 50 Systems category. Waiting for a contract modification to readjust the borrowed contingency from unprogrammed contingency. In August 2020, used \$5.25M of unprogrammed contingency to create AECOM 2020 AWP \$4.5M and AECOM 2020 ODC \$750K. In September 2020, received \$22,708,106 in funding from local funds and re-aligned the allocated contingency so that it would decrease from \$76M in Aug to \$53M in Sep. In October 2020, used \$32M of unprogrammed contingency to increase the contingencies for CN1300 CTS, YBM and STS station; increased AECOM 2020 AWP &amp; ODC by \$6M; increased CS 155.2 by \$3,728,919 and added \$20,265,846 to unprogrammed contingency. In November 2020, used \$13,000,000 from unprogrammed contingency to increase STS station contingency; increased a1266-2 atcs implementation budget by \$896,645 due to cmods 2 and 3; realigned the budgets for project management, construction management; added additional \$2M for CS 149 AWP and ODC; thus unprogrammed contingency was reduced by \$20,896,645. In October 2021, the current funding level to date has already been fully met which includes excess federal funds consisting of FTA 5309 Capital Investment Grant of \$23,121,562. The total revised project budget is currently \$1.900 billion, \$9 million above the original \$1.891 billion of the project budget due to extra funds received that will be included in contingency.</p>
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*Appendix B*

**DETAIL SCHEDULE REPORTS**



## **SCHEDULE HIGHLIGHTS**

The Master Project Schedule (MPS) below includes progress through December 2021. The December 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 December 2021 Schedule Update.

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

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

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

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

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

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

- Continued testing Elevators 1, 2, 3, and 4
- Continued testing Escalators 1, 2, 3, 4, 5, and 6
- Continued Security System Testing
- Continued Testing Fire Alarm System components
- Continued train testing at Crossover Cavern and Train Platform
- Main Electrical room switchgear water damaged. NCN letter transmitted to Contractor. Repairs to electrical equipment performed by Contractor. Contractor provided repair documentation for review
- Cubic completed installing faregates at Concourse Level
- Continue installing Metal Art Panels at Upper Mezz Level South Wall and Concourse Level North Wall
- Continue mitigating water leaks at Station Headhouse
- Completed installing receptacles at Escalator pits
- Completed installing seismic bracing for Traction Power conduits at Underplatform level
- Contractor continued closing out internal punch list items
- Continue plaza parapet construction in preparation for plaza glass artwork
- Continued installing GFRC panels at Surface/Plaza level
- PG&E crew completed maintenance work at electrical vaults to address station water intrusion
- Continued street work (minor), ongoing monitoring and surveying

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

- Complete testing Elevators 1, 2, 3 and 4
- Complete testing Escalators 1, 2, 3, 4, 5 and 6
- Cubic to install ticket vending machines
- Complete installation of Metal Art Panels at Upper Mezz Level South Wall and Concourse Level North Wall
- Continue mitigating water leaks at Station Headhouse
- Contractor continue closing out internal punch list items
- Complete Security System Testing
- Complete Access Control System Testing
- Complete Fire Alarm System Testing
- Complete HVAC System Testing

- Continue cavern grouting to embed waterproof membrane
- Complete installing GFRC panels at Surface/Plaza level
- Continue street work (minor), ongoing monitoring and surveying

Activity ID	Activity Name	2021		2022					
		Dec	Jan	Feb	Mar	Apr	May	Jun	
<b>CENTRAL SUBWAY PROJECT</b>									
<b>Construction Phase</b>									
<b>Construction CN:1300</b>									
<b>Construction CTS Station P-1254R</b>									
Site Work / Utility Relocation									
Demolition									
Mechanical									
No 13-Location									
CTS.23.88.512	CTS_UP 04 - Emerg Fan Rm: Install - Tunnel Ventilation Fans (3 each)								
CTS.26.05.565	CTS_LM 13 - Elevator Closet: Install - Elevator Controller								
CTS.23.74.232	CTS_Roof - HVAC Area: Form/Pour/Cure - Concrete Pad for Condenser (HR-1 & HR								
CTS.23.05.140	CTS_UM Perform: HVAC: Test & Balance - Upper Mezz Level								
Misc Metal									
Electrical									
Architectural Finishes									
No 13-Location									
CTS.08.11.554	CTS_PL 17 - Coridor - Install - Double Door & Hardware (PL-17B)								
CTS.10.14.155	CTS_MZ 02 - Install - Signage								
CTS.05.50.532	CTS_CN 02 - Station Agent Booth: Install - Red Metal Cladding								
CTS.12.10.100	CTS_CN Install: Art - Powder Coated Steel Panels - Concourse Ticketing Hall								
CTS.12.10.110	CTS_UM Install: Art - Powder Coated Steel Panels - Upper Mezzanine Landing								
CTS.12.10.140	CTS_CN Install: Art - Mosaic Panel Wall Art - Cross Cut Cavern End Wall								
CTS.12.10.170	CTS_Provide Structure As-Built Measurements - Platform								
CTS.12.10.180	CTS_UM Provide Structure As-Built Measurements -Upper Mezz								
CTS.12.10.045	CTS_CN Provide Structure As-Built Measurements - Concourse								
CTS.12.10.200	CTS_Provide Structure As-Built Measurements - Entrance Roof Level								
CTS.12.10.190	CTS_Provide Structure As-Built Measurements - Surface Level								
CTS.12.10.150	CTS_Install: Art - Composite Panel Wall Art - Above Stockton St Entrance								
CTS.12.10.160	CTS_Install: Art - Composite Glass Panel Wall Art - South Platform								
CTS.12.10.120	CTS_Install: Art - Composite Panel Wall Art - Above Washington St Entrance								
CTS.12.10.130	CTS_Install: Art - Composite Glass Panel Wall Art - North Platform								
CTS.01.64.230	CTS_CN Install:Owner Furnished Historical Display Cases								
CTS.01.64.235	CTS_CN Vendor Install:Owner Furnished Fare Gates								
CTS.01.64.240	CTS_CN Vendor Install:Owner Furnished Ticket Vending Machines								
Conveyances									
HeadHouse									
CTS.14.31.505	Startup & Inspect Escalators 3&4 (Concourse to Upper Mezz)								
Cross Cut Cavern									
CTS.14.24.285	CTS-PL 05: Startup & Test Elevators 1&2								
CTS.14.24.295	CTS-PL 05:Inspections - Elevators 1&2								

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

- Begin water proofing of scallop walls at Platform level
- Begin installing door sweeps at Mezzanine level
- Begin connection and software installation to EOP panel
- Continued cleaning Escalator 1, 2, 3, 4,5, and 6
- Continued working on area of refuge at Platform level
- Continued installing blue light fixtures on Concourse level
- Continued preparation for state inspection of Elevator 4
- Continued installing reinforcements for unscheduled opening at Mezzanine level
- Continued installation of fare gates
- Continued general cleaning as required

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

- Continue water proofing of scallop walls on Platform level
- Begin installation of handrail at ADA ramp on UMS plaza level
- Complete cleaning of emergency exit hatch on O'Farrell Street
- Perform internal inspection for elevator 1 &2
- Continue installing reinforcements for unscheduled openings at Mezzanine level
- Continue installation of fare gates
- Complete area of refuge work related to 30"x30" required opening
- Begin installation of antennas for service providers

Activity ID	Activity Name	2021		2022			
		Dec	Jan	Feb	Mar	Apr	May
<b>CENTRAL SUBWAY PROJECT</b>							
<b>Construction Phase</b>							
Construction CN-1300							
Construction UMS Station P-1253							
Administrative / Milestones							
Engineering & Procurement							
All Locations							
U1.14.24.340	UMS_OP-02 Manufacture & Deliver Elevator at Powell						
U1.14.24.360	Review/ Approve Elevator100% Final Design Submittals SP-29						
Masonry							
Mechanical							
Electrical							
Union Square Station							
Station Platform Footprint (Between Headwalls)							
UMS.08.85.0190	UMS_CN_Install Cable Tray For Artwork Power & Control - Sector 4						
UMS.08.85.0140	UMS_CN_Pull Wire From Enclosure Box to Artwork Fixture - Sector 3						
UMS.09.53.0460	UMS_CN - Concourse: Install Artwork Power & Control Enclosures Sector 3						
UMS.09.53.0470	UMS_CN - Concourse: Install Artwork Power & Control Enclosures Sector 4						
UMS.27.30.0100	UMS_PL_Install: Comm: Telephone System Platform Level						
UMS.27.51.0320	UMS_PSL_Comm: SSFD & Emerg Phone System Wire Pulls - Platform Strut Level						
UMS.27.51.0330	UMS_PSL_Comm: SSFD & Emerg Phone System Terminations - Platform Strut Level						
UMS.09.53.0490	UMS_CN - Concourse: Pull Wire - Artwork Power & Control Enclosures to Fixtures S						
UMS.09.53.0500	UMS_CN - Concourse: Pull Wire - Artwork Power & Control Enclosures To Fixtures S						
UMS.08.85.0210	UMS_CN_Pull Wire From Enclosure Box to Artwork Fixture - Sector 4						
UMS.09.53.0480	UMS_CN - Concourse: Install Artwork Power & Control Enclosures Sector 5						
UMS.09.53.0510	UMS_CN - Concourse: Pull Wire - Artwork Power & Control Enclosures To Fixtures S						
UMS.27.30.0090	UMS_MZ_Install: Comm: Telephone System Equipment Mezzanine Level						
South Concourse - Stockton St							
North Concourse - Stockton St							
Electrical - Transportation							
Architectural Finishes							
All Locations							
Union Square Garage							
Station Platform Footprint (Between Headwalls)							
South Entrance (Ellis)							
South Concourse - Stockton St							
UMS.01.64.0235	UMS_Vendor Install: Owner Furnished Ticket Vending Machines South Concourse						
UMS.01.64.0245	UMS_Vendor Install: Owner Furnished Fare Gates South Concourse						
North Concourse - Stockton St							
UMS.01.64.0255	UMS_Vendor Install: Owner Furnished Ticket Vending Machines North Concourse						



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

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

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

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

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

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

- Continued 4th/Brannan platform construction
- Continued streetlighting installation
- Continued surface signaling design and fabrication for 4th/King and Bluxome Crossover
- Continued trolley and light rail OCS installation on 4th Street
- Started traffic signal mast arm installation on 4th Street
- Completed installing grounding for mini power centers in tunnels
- Continued cross-bonding installation for CTS crossover
- Continued OCS, track and miscellaneous punch list work
- Continued ATCS and radio system testing

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

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

Activity ID	Activity Name	2021		2022			
		Dec	Jan	Feb	Mar	Apr	May
<b>CENTRAL SUBWAY PROJECT</b>							
<b>Construction Phase</b>							
Construction CN-1300							
Construction STS P-1256							
Concrete/Shotcrete							
Tunnel Concrete							
Electrical							
Chinatown Station							
Union Square Station							
Moscone Station							
Fourth/King Intersection							
STS.34.42.1940	STS_Install: Surface Signaling - TS Case No.1 - 4th/King						
STS.34.42.1880	STS_Install: Surface Signaling - Interlocking Signals & Poles 21/23 - 4th/King						
STS.34.41.2120	STS_Install: Traffic Signal Displays 4th St/King						
Fourth Street							
STS.34.41.1990	STS_Demo/Salvage; Traffic Signals 4th St						
STS.34.41.2000	STS_Install: Traffic Signals 4th St						
STS.34.41.2030	STS_Pull & Terminate Traffic Signal Wiring 4th St						
STS.34.41.2040	STS_Install: Traffic Signal Controllers 4th St						
STS.34.23.2590	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Bluxome To Townsenc						
STS.34.23.2570	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Freelon To Brannan						
STS.34.23.2560	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Welsh To Freelon						
STS.34.23.2550	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Bryant to Welsh						
Fourth/Brannan Station							
STS.26.05.3510	STS_Install: Lighting - 4th/Brannan Station						
STS.01.64.100	STS_Install: Owner Next Bus Signs @ 4th/Brannan Station						
Harrison St							
Bryant St							
Brannan St							
Headhouse							
Northbound Tunnel or Trackway							
Southbound Tunnel or Trackway							
No 13-Location							
STS.34.42.100	STS_Transportation: Surface Signaling System - Testing & Startup						
STS.33.11.21.a12	STS_Construct: AWSS Cistem Ring						
STS.34.42.390	STS_Install: Transportation: ATCS Central Equipment - Lennox OCC						
STS.RES8.2	STS_Temporary Resource Activity For Transfer to V8.2 DO NOT DELETE #####						
STS.10.41.100	STS_Install: Display Cases Between Windcreens						
STS.01.79.00.d	STS_Provide Training Courses						
STS.34.42.400	STS_Install: Transportation: ATCS Central Equipment - Transportation Mgmt Cente						

**SCHEDULE REVISIONS**

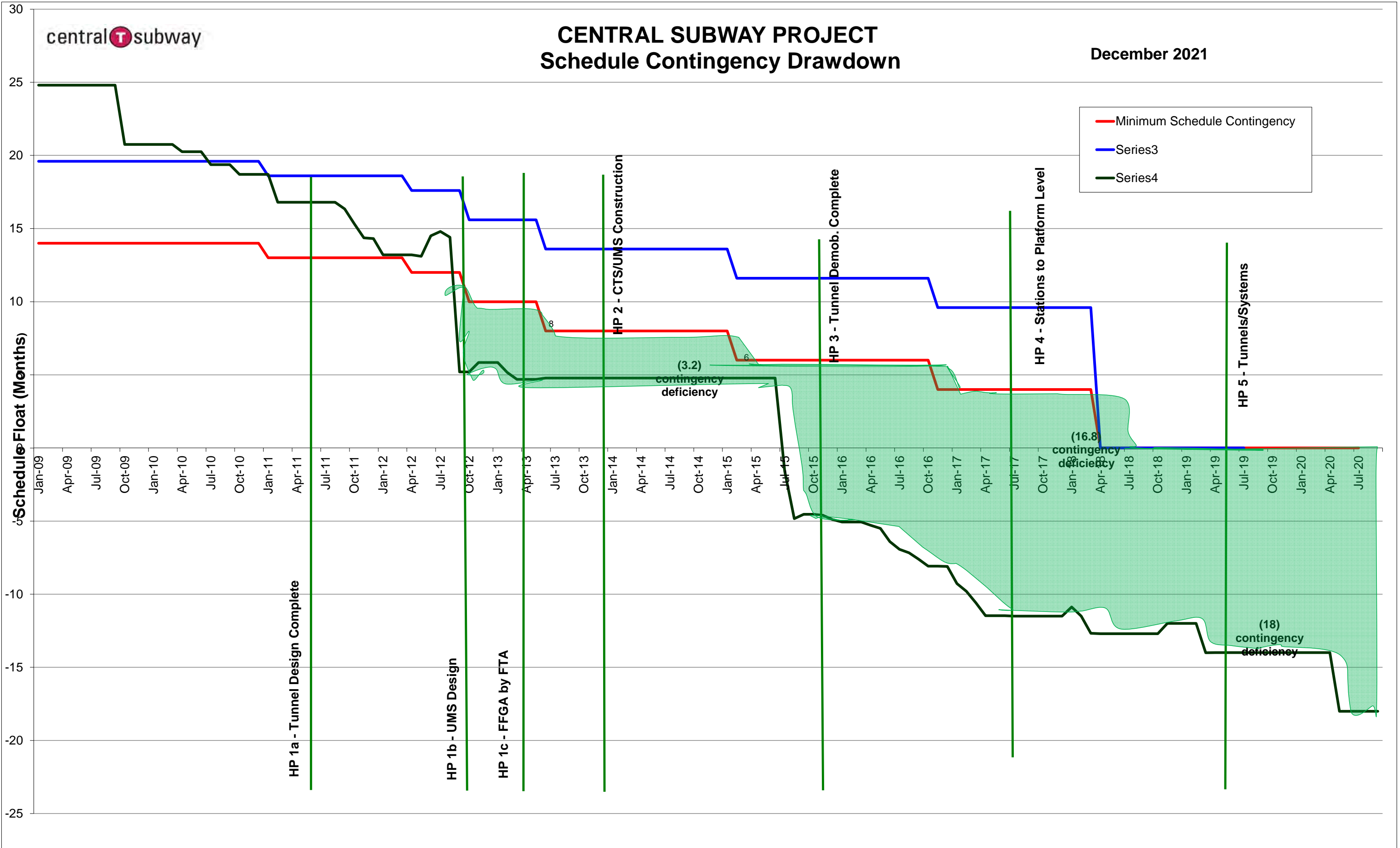
The SFMTA Contract 1300 December 2021 schedule update was added this period to the Central Subway Project Master Schedule.

**LIST OF SCHEDULE REPORTS**

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

# CENTRAL SUBWAY PROJECT Schedule Contingency Drawdown

December 2021





Activity ID	Activity Name	Original Duration	Start	Finish	2022				2023					
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
<b>CENTRAL SUBWAY PROJECT</b>		5342	03-Jun-03 A	01-Sep-23	CENTRAL SUBWAY PR									
<b>Program Level Milestones</b>		5364	03-Jun-03 A	09-Sep-22	Program Level Milestones									
PJD1000	Central Subway Project Start	0	03-Jun-03 A											
MS0004A	Tunnel Excavation Complete - Project Milestone #4A	0		05-Sep-14 A										
MS0019	Baseline Finish Date: 12-26-2018	0		09-Sep-22*	◆ Baseline Finish Date: 12-26-2018									
MS0009	CSP Revenue Service Date	0		09-Sep-22*	◆ CSP Revenue Service Date									
<b>Preliminary Engineering Phase</b>		2661	03-Jun-03 A	07-Jan-10 A										
<b>Final Design</b>		1811	08-Jan-10 A	17-Jun-13 A										
<b>Light Rail Vehicles</b>		3355	15-Apr-13 A	21-Jun-22	Light Rail Vehicles									
<b>Real Estate</b>		3130	01-Aug-08 A	02-Jan-14 A										
<b>Construction Phase</b>		3623	04-Jan-10 A	01-Sep-23	Construction Phase									
<b>Construction Support and Costs</b>		4338	04-Jan-10 A	01-Sep-23	Construction Support a									
<b>Construction Utility Contract #1- MOS &amp; Portal CN-1250</b>		505	04-Jan-10 A	23-May-11 A										
<b>Construction Utility Contract #2 - UMS CN-1251</b>		643	12-Jan-11 A	15-Oct-12 A										
<b>Construction Tunnels CN-1252</b>		1518	08-Jun-11 A	27-Dec-21	Construction Tunnels CN-1252									
<b>Construction STS P-1256 ATCS</b>		1825	20-May-14 A	07-Jul-22	Construction STS P-1256 ATCS									
<b>Construction STS P-XXXX Radio</b>		195	27-Aug-19 A	15-Apr-22	Construction STS P-XXXX Radio									
<b>Construction CN-1300</b>		2395	03-Jun-13 A	07-Jul-22	Construction CN-1300									
<b>CN- 1300 Milestone</b>		2395	17-Jun-13 A	07-Jul-22	CN- 1300 Milestone									
<b>Construction UMS Station P-1253</b>		2360	17-Jun-13 A	05-Jul-22	Construction UMS Station P-1253									
<b>Construction CTS Station P-1254R</b>		2360	17-Jun-13 A	05-Jul-22	Construction CTS Station P-1254R									
<b>Construction YBM Station P-1255</b>		2360	10-Jun-13 A	05-Jul-22	Construction YBM Station P-1255									
<b>Construction STS P-1256</b>		2361	03-Jun-13 A	06-Jul-22	Construction STS P-1256									
<b>Project Start Up</b>		65	05-Jul-22	09-Sep-22	Project Start Up									
<b>Unallocated Contingency</b>		182	27-Dec-21	08-Sep-22	Unallocated Contingency									

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2022				2023				2024	
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
<b>Program Level Milestones</b>															
MS0019	Baseline Finish Date: 12-26-2018	0	09-Sep-22	09-Sep-22*	-577										
MS0009	CSP Revenue Service Date	0		09-Sep-22*	-577										
<b>Construction STS P-1256 ATCS</b>															
STS.34.42.2620	ATSC Systems- Rest of Allowance	2	08-Feb-20 A	07-Jul-22	-464										
STS.34.42.2640	ATSC Systems- Final Acceptance	50	24-Feb-20 A	05-Jul-22	-464										
<b>CN- 1300 Milestone</b>															
MS-10	Substantial Completion - 1,700 Calendar Days (SP-4.B) { 10-Feb-18 }	0		29-Jun-21 A											
C.Punch	Closeout Punchlist/Remaining Work	90	18-Nov-21 A	05-Jul-22	-646										
MS-20	Final Completion - 1,790 Calendar Days (SP-4C)	0		07-Jul-22*	-648										
<b>Construction STS P-1256</b>															
STS.34.42.1950	STS_Install: Surface Signaling - TS Case No.2 - 4th/Bluxome	7	19-Dec-16 A	28-Feb-22	-591										
STS.34.42.100	STS_Transportation: Surface Signaling System - Testing & Startup	30	21-Dec-21 A	30-Apr-22	-832										
STS.34.42.425	Startup & Testing - Tunnel & ATSC Systems	47	02-May-22	05-Jul-22	-595										
STS 01 45 00 f	STS_Final Acceptance Inspection	1	05-Jul-22	06-Jul-22	-647										
<b>Project Start Up</b>															
STU1010	S&S Certification / Pre-Revenue Activities	47	05-Jul-22	08-Sep-22	-577										
BUF0018	Muni Float	0	09-Sep-22	09-Sep-22	-577										

Activity Name	Original Duration	Start	Finish	2012				2013				2014				2015				2016				2017				2018				2019				2020				2021				2022		2023	
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2						
<b>CENTRAL SUBWAY PROJECT</b>	<b>2923</b>	<b>08-Jun-11 A</b>	<b>07-Jul-22</b>																																												
<b>Construction Phase</b>	<b>2923</b>	<b>08-Jun-11 A</b>	<b>07-Jul-22</b>																																												
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																																												
<b>Construction CN-1300</b>	<b>2395</b>	<b>03-Jun-13 A</b>	<b>07-Jul-22</b>																																												
CN- 1300 Milestone	2395	17-Jun-13 A	07-Jul-22																																												
Construction UMS Station P-1253	2360	17-Jun-13 A	05-Jul-22																																												
Construction CTS Station P-1254R	2360	17-Jun-13 A	05-Jul-22																																												
Construction YBM Station P-1255	2360	10-Jun-13 A	05-Jul-22																																												
Construction STS P-1256	2361	03-Jun-13 A	06-Jul-22																																												

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2022				
						Q4	Q1	Q2	Q3	Q4
<b>CENTRAL SUBWAY PROJECT</b>										
<b>Light Rail Vehicles</b>										
<b>Construction Phase</b>										
<b>Construction Support and Costs</b>										
<b>Construction STS P-1256 ATCS</b>										
<b>Construction CN-1300</b>										
<b>CN- 1300 Milestone</b>										
<b>No 13-Disp</b>										
<b>Construction UMS Station P-1253</b>										
<b>Mechanical</b>										
<b>Mezzanine Level</b>										
UMS.23.31.9992B	UMS_MZ_Balance HVAC - Mezzanine Level	7	09-Nov-20 A	31-Jan-22	-484					
<b>Electrical</b>										
<b>Concourse Level</b>										
UMS.08.85.0190	UMS_CN_Install Cable Tray For Artwork Power & Control - Sector 4	5	07-May-18 A	31-Dec-21	-480					
UMS.08.85.0260	UMS_CN_Install Cable Tray For Artwork Power & Control - Sector 6	5	21-May-18 A	31-Dec-21	-470					
UMS.08.85.0140	UMS_CN_Pull Wire From Enclosure Box to Artwork Fixture - Sector 3	2	27-Dec-21	28-Dec-21	-480					
UMS.09.53.0460	UMS_CN - Concourse: Install Artwork Power & Control Enclosures Sector 3	3	27-Dec-21	29-Dec-21	-491					
UMS.09.53.0470	UMS_CN - Concourse: Install Artwork Power & Control Enclosures Sector 4	3	27-Dec-21	29-Dec-21	-486					
UMS.09.53.0490	UMS_CN - Concourse: Pull Wire - Artwork Power & Control Enclosures to Fixtures Sector 3	5	30-Dec-21	05-Jan-22	-491					
UMS.09.53.0500	UMS_CN - Concourse: Pull Wire - Artwork Power & Control Enclosures To Fixtures Sector 4	5	30-Dec-21	05-Jan-22	-486					
UMS.08.85.0280	UMS_CN_Pull Wire From Enclosure Box to Artwork Fixture - Sector 6	2	03-Jan-22	04-Jan-22	-470					
UMS.08.85.0210	UMS_CN_Pull Wire From Enclosure Box to Artwork Fixture - Sector 4	2	03-Jan-22	04-Jan-22	-480					
UMS.09.53.0480	UMS_CN - Concourse: Install Artwork Power & Control Enclosures Sector 5	3	06-Jan-22	10-Jan-22	-491					
UMS.09.53.0510	UMS_CN - Concourse: Pull Wire - Artwork Power & Control EnclosuresTo Fixtures Sector 5	5	06-Jan-22	12-Jan-22	-491					
<b>Mezzanine Level</b>										
<b>Electrical - Transportation</b>										
<b>Startup &amp; Testing</b>										
<b>Platform Level</b>										
UMS.01.80.9900	UMS- Building Systems Start-up & Testing	40	07-Jun-21 A	15-Mar-22	-515					
<b>No 13-Disp</b>										
<b>Construction CTS Station P-1254R</b>										
<b>Site Work / Utility Relocation</b>										
<b>Surface Level</b>										
CTS.34.41.138	CTS_SU Exterior - Set & Hook up - Traffic Signal Light @ Stockton Street	5	16-Sep-19 A	06-Jan-22	-497					
CTS.26.56.100	CTS_SU Exterior - Set & Hook up - Street Light @ Stockton Street	3	17-Jan-22	19-Jan-22	-476					
<b>Mechanical</b>										
<b>Lower Mezz Level</b>										
CTS.26.05.565	CTS_LM 13 - Elevator Closet: Install - Elevator Controller	5	27-Dec-21	31-Dec-21	-493					
<b>Electrical</b>										
<b>Lower Mezz Level</b>										
CTS.28.31.412	CTS_LM 03 - Storage Rm: Set & Hook up - Fire Alarm Preaction Cabinet	9	27-Feb-20 A	06-Jan-22	-482					
CTS.28.31.413	CTS_LM 09 - Corridor - Set & Hook up - Fire Alarm Clean Agent Control Panel	9	27-Feb-20 A	06-Jan-22	-482					
<b>Platform Level</b>										
CTS.28.31.132	CTS_PL 17 - Corridor - Install - Fire Alarm Clean Agent Control Panel	5	28-Feb-20 A	31-Dec-21	-513					
CTS.28.31.133	CTS_PL 17 - Corridor - Install - Fire Alarm Preaction Cabinet	5	06-Mar-20 A	07-Jan-22	-513					
<b>Architectual Finishes</b>										
<b>Surface Level</b>										
CTS.12.10.150	CTS_Install: Art - Composite Panel Wall Art - Above Stockton St Entrance	5	07-Jan-22	13-Jan-22	-472					
CTS.12.10.120	CTS_Install: Art - Composite Panel Wall Art - Above Washington St Entrance	5	07-Jan-22	13-Jan-22	-472					



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2022				
						Q4	Q1	Q2	Q3	Q4
<b>Concourse Level</b>										
CTS.12.10.100	CTS_CN Install: Art - Powder Coated Steel Panels - Concourse Ticketing Hall	5	25-Oct-21 A	13-Jan-22	-472					
CTS.12.10.140	CTS_CN Install: Art - Mosaic Panel Wall Art - Cross Cut Cavern End Wall	5	20-Dec-21 A	13-Jan-22	-472					
<b>Platform Level</b>										
<b>Conveyances</b>										
<b>Concourse Level</b>										
CTS.14.31.505	Startup & Inspect Escalators 3&4 (Concourse to Upper Mezz)	5	19-Jul-21 A	21-Jan-22	-503					
<b>Platform Level</b>										
CTS.14.24.285	CTS-PL 05: Startup & Test Elevators 1&2	4	13-Sep-21 A	20-Jan-22	-503					
CTS.14.24.295	CTS-PL 05: Inspections - Elevators 1&2	1	20-Sep-21 A	17-Jan-22	-503					
<b>No 13-Disp</b>										
<b>Construction YBM Station P-1255</b>										
<b>Conveyances</b>										
<b>All Levels</b>										
YBM.14.21.125	Startup & Test Elevators #1, 2	5	13-Apr-20 A	21-Jan-22	-508					
YBM.14.21.155	Startup & Test Elevators #3, 4	5	26-Nov-20 A	21-Jan-22	-508					
<b>Startup &amp; Testing</b>										
<b>Platform Level</b>										
Y.4.545	YBM- Building Systems Start-up & Testing	40	21-Dec-20 A	18-Mar-22	-518					
<b>No 13-Disp</b>										
<b>Construction STS P-1256</b>										
<b>Engineering &amp; Procurement</b>										
<b>Tunnel Concrete</b>										
<b>Electrical</b>										
<b>No 13-Level</b>										
STS.34.42.2280	STS_Install: Train Control - Train Control Conduit - & JB's NB Union Square to Chinatown	14	20-Apr-16 A	31-Dec-21	-520					
STS.34.42.2320	STS_Install: Train Control - Train Control Conduit - & JB's SB Union Square to Chinatown	14	21-Apr-16 A	07-Jan-22	-520					
STS.34.42.2310	STS_Install: Train Control - Train Control Conduit - & JB's SB Portal To Moscone	4	20-Mar-17 A	27-Dec-21	-517					
STS.34.41.1990	STS_Demo/Salvage; Traffic Signals 4th St	15	17-Apr-17 A	24-Jan-22	-497					
STS.34.41.2000	STS_Install; Traffic Signals 4th St	15	24-Apr-17 A	31-Jan-22	-497					
STS.34.41.2030	STS_Pull & Terminate Traffic Signal Wiring 4th St	16	24-Apr-17 A	17-Feb-22	-497					
STS.34.41.2110	STS_Install; Traffic Signal Displays 4th St/Brannan	5	19-Jun-17 A	07-Feb-22	-497					
STS.34.41.2040	STS_Install; Traffic Signal Controllers 4th St	11	09-Oct-17 A	19-Jan-22	-497					
STS.26.05.3510	STS_Install: Lighting - 4th/Brannan Station	10	19-Feb-18 A	28-Jan-22	-530					
STS.34.42.2300	STS_Install: Train Control - Train Control Conduit - & JB's SB Moscone to Union Square	13	12-Mar-18 A	28-Dec-21	-517					
STS.34.41.2010	STS_Install; Traffic Signal Displays 4th S/Bryant	6	07-Jan-19 A	10-Feb-22	-497					
STS.34.42.0580	STS_Install: Train Control - Train Control Cable Loop System SB Portal To Moscone	4	13-May-19 A	06-Jan-22	-530					
STS.34.42.0520	STS_Install: Train Control - NB Switch Machines @ Chinatown Crossover	2	19-Aug-19 A	28-Dec-21	-507					
STS.34.42.1940	STS_Install: Surface Signaling - TS Case No.1 - 4th/King	5	26-Feb-20 A	31-Dec-21	-510					
STS.34.42.1880	STS_Install: Surface Signaling - Interlocking Signals & Poles 21/23 - 4th/King	8	06-Jul-20 A	05-Jan-22	-513					
STS.20.71.525	STS_Prep/Submit: Sub-Systems Maintainability Demonstration - Surface Signalling Systems	20	20-Sep-21 A	10-Feb-22	117					
STS.34.23.2590	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Bluxome To Townsend	2	11-Oct-21 A	05-Jan-22	-513					
STS.34.23.2570	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Freelon To Brannan	2	11-Oct-21 A	07-Jan-22	-474					
STS.34.23.2560	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Welsh To Freelon	2	11-Oct-21 A	11-Jan-22	-474					
STS.34.23.2550	STS_Install: OCS System - Install OCS Trolley Wire In 4th St - Bryant to Welsh	4	11-Oct-21 A	17-Jan-22	-474					
STS.34.42.100	STS_Transportation: Surface Signaling System - Testing & Startup	30	21-Dec-21 A	30-Apr-22	-832					
STS.34.42.0690	STS_Install: Train Control - Remote Feed Boxes- SB Portal to Moscone	1	27-Dec-21	27-Dec-21	-509					
STS.34.42.0490	STS_Install: Train Control - Remote Feed Boxes- NB Portal to Moscone	1	27-Dec-21	27-Dec-21	-509					
STS.34.42.0510	STS_Install: Train Control - ATSC Entry Point Signage - Portal	1	27-Dec-21	27-Dec-21	-509					
STS.34.42.2160	STS_Install: Train Control - ATSC 5KVA UPS Battery Cabinet - Union Square Station Control Room	2	27-Dec-21	28-Dec-21	-511					
STS.34.42.0500	STS_Install: Security - NB Portal Intrusion Devices	2	27-Dec-21	28-Dec-21	-522					

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2022				
						Q4	Q1	Q2	Q3	
STS.34.42.2370	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Portal To Moscone	4	27-Dec-21	30-Dec-21	-509		STS_Install: Train Control - Train Control Pull ATSC Wire & Cable NB Portal To Moscone			
STS.34.42.1060	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Moscone to Union Square	6	27-Dec-21	03-Jan-22	-518		STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Moscone to Union Square			
STS.34.42.0480	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Portal to Moscone	6	27-Dec-21	03-Jan-22	-524		STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Portal to Moscone			
STS.34.42.390	STS_Install: Transportation: ATCS Central Equipment - Lennox OCC	15	27-Dec-21	14-Jan-22	-520		STS_Install: Transportation: ATCS Central Equipment - Lennox OCC			
STS.34.42.1070	STS_Install: Train Control - Remote Feed Boxes/Track Heads SB Moscone to Union Square	1	28-Dec-21	28-Dec-21	-509		STS_Install: Train Control - Remote Feed Boxes/Track Heads SB Moscone to Union Square			
STS.34.42.0710	STS_Install: Train Control - SB ATSC Entry Point Signage - Portal	1	28-Dec-21	28-Dec-21	-510		STS_Install: Train Control - SB ATSC Entry Point Signage - Portal			
STS.34.42.0880	STS_Install: Train Control - Remote Feed Boxes- NB Moscone to Union Square	1	28-Dec-21	28-Dec-21	-509		STS_Install: Train Control - Remote Feed Boxes- NB Moscone to Union Square			
STS.34.42.0900	STS_Install: Train Control - ATSC Entry Point Signage - Moscone Station	1	28-Dec-21	28-Dec-21	-509		STS_Install: Train Control - ATSC Entry Point Signage - Moscone Station			
STS.34.42.2330	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Portal To Moscone	4	28-Dec-21	31-Dec-21	-510		STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Portal To Moscone			
STS.34.42.1440	STS_Install: Train Control - Remote Feed Boxes- SB Union Square to Chinatown	1	28-Dec-21	29-Dec-21	-509		STS_Install: Train Control - Remote Feed Boxes- SB Union Square to Chinatown			
STS.34.42.1090	STS_Install: Train Control - SB ATSC Entry Point Signage - Moscone	1	29-Dec-21	29-Dec-21	-510		STS_Install: Train Control - SB ATSC Entry Point Signage - Moscone			
STS.34.42.1260	STS_Install: Train Control - Remote Feed Boxes- NB Union Square to Chinatown	1	29-Dec-21	29-Dec-21	-509		STS_Install: Train Control - Remote Feed Boxes- NB Union Square to Chinatown			
STS.34.42.1270	STS_Install: Train Control - ATSC Entry Point Signage - Union Square Station	1	29-Dec-21	29-Dec-21	-509		STS_Install: Train Control - ATSC Entry Point Signage - Union Square Station			
STS.34.42.2170	STS_Install: Train Control - ATSC Communication Cable Termination Frame - Union Square Station Control Room	4	29-Dec-21	03-Jan-22	-511		STS_Install: Train Control - ATSC Communication Cable Termination Frame - Union Square Station Control Room			
STS.34.42.0600	STS_Install: Train Control - Train Control Signals - SB Portal to Moscone	6	29-Dec-21	05-Jan-22	-528		STS_Install: Train Control - Train Control Signals - SB Portal to Moscone			
STS.34.42.0790	STS_Install: Train Control - Train Control Signals - NB Moscone to Union Square	6	29-Dec-21	05-Jan-22	-522		STS_Install: Train Control - Train Control Signals - NB Moscone to Union Square			
STS.34.42.1810	STS_Install: Train Control - Remote Feed Boxes- SB Chinatown to North Limits	1	29-Dec-21	30-Dec-21	-509		STS_Install: Train Control - Remote Feed Boxes- SB Chinatown to North Limits			
STS.34.42.1630	STS_Install: Train Control - Remote Feed Boxes- NB Chinatown to North Limits	1	30-Dec-21	30-Dec-21	-509		STS_Install: Train Control - Remote Feed Boxes- NB Chinatown to North Limits			
STS.34.42.1640	STS_Install: Train Control - ATSC Entry Point Signage - Chinatown	1	30-Dec-21	30-Dec-21	-509		STS_Install: Train Control - ATSC Entry Point Signage - Chinatown			
STS.34.42.1460	STS_Install: Train Control - SB ATSC Entry Point Signage - Union Square	1	30-Dec-21	30-Dec-21	-510		STS_Install: Train Control - SB ATSC Entry Point Signage - Union Square			
STS.34.42.1820	STS_Install: Train Control - SB ATSC Entry Point Signage - Chinatown	1	31-Dec-21	31-Dec-21	-510		STS_Install: Train Control - SB ATSC Entry Point Signage - Chinatown			
STS.34.42.2250	STS_Install: Train Control - Train Control Conduit - & JB's NB Chinatown to North Limits	5	03-Jan-22	07-Jan-22	-515		STS_Install: Train Control - Train Control Conduit - & JB's NB Chinatown to North Limits			
STS.34.42.2340	STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Moscone to Union Square	13	03-Jan-22	19-Jan-22	-510		STS_Install: Train Control - Train Control Pull ATSC Wire & Cable SB Moscone to Union Square			
STS.34.42.1800	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Union Square to Chinatown	6	03-Jan-22	11-Jan-22	-518		STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Union Square to Chinatown			
STS.34.42.0870	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads- NB Moscone to Union Square	6	04-Jan-22	11-Jan-22	-524		STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads- NB Moscone to Union Square			
STS.34.42.0980	STS_Install: Train Control - Train Control Signals - SB Moscone to Union Square	6	06-Jan-22	13-Jan-22	-528		STS_Install: Train Control - Train Control Signals - SB Moscone to Union Square			
STS.34.42.1170	STS_Install: Train Control - Train Control Signals - NB Union Square to Chinatown	6	06-Jan-22	13-Jan-22	-522		STS_Install: Train Control - Train Control Signals - NB Union Square to Chinatown			
STS.34.42.0960	STS_Install: Train Control - Train Control Cable Loop System SB Moscone to Union Square	12	07-Jan-22	24-Jan-22	-530		STS_Install: Train Control - Train Control Cable Loop System SB Moscone to Union Square			
STS.34.42.1700	STS_Install: Train Control - Train Control Cable Loop System SB Union Square to Chinatown	14	07-Jan-22	26-Jan-22	-530		STS_Install: Train Control - Train Control Cable Loop System SB Union Square to Chinatown			
STS.34.41.2120	STS_Install; Traffic Signal Displays 4th St/King	3	10-Jan-22	12-Jan-22	-497		STS_Install; Traffic Signal Displays 4th St/King			
STS.34.42.2290	STS_Install: Train Control - Train Control Conduit - & JB's SB Chinatown to North Limits	5	10-Jan-22	14-Jan-22	-520		STS_Install: Train Control - Train Control Conduit - & JB's SB Chinatown to North Limits			
STS.34.42.1430	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Chinatown to North Limits	1	11-Jan-22	12-Jan-22	-518		STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads SB Chinatown to North Limits			
STS.34.42.1250	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Union Square to Chinatown	6	11-Jan-22	19-Jan-22	-524		STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Union Square to Chinatown			
STS.34.41.2100	STS_Install; Traffic Signal Displays 4th St/Harrison	3	13-Jan-22	17-Jan-22	-497		STS_Install; Traffic Signal Displays 4th St/Harrison			
STS.34.42.1540	STS_Install: Train Control - Train Control Signals - NB Chinatown to North Limits	3	14-Jan-22	18-Jan-22	-522		STS_Install: Train Control - Train Control Signals - NB Chinatown to North Limits			
STS.34.42.1720	STS_Install: Train Control - Train Control Signals - SB Union Square to Chinatown	6	14-Jan-22	21-Jan-22	-528		STS_Install: Train Control - Train Control Signals - SB Union Square to Chinatown			
STS.10.41.100	STS_Install: Display Cases Between Windscreens	5	17-Jan-22	21-Jan-22	-493		STS_Install: Display Cases Between Windscreens			
STS.34.42.2020	STS_Install: Train Control - ATSC Emergency Feed In Device - Moscone Station Control Room	3	18-Jan-22	20-Jan-22	-497		STS_Install: Train Control - ATSC Emergency Feed In Device - Moscone Station Control Room			
STS.34.42.1620	STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Chinatown to North Limits	1	19-Jan-22	20-Jan-22	-524		STS_Install: Train Control - Axle Counter Electronics Boxes/Track Heads NB Chinatown to North Limits			
STS.34.42.2010	STS_Install: Train Control - ATSC Feed In Device - Moscone Station Control Room	3	21-Jan-22	25-Jan-22	-497		STS_Install: Train Control - ATSC Feed In Device - Moscone Station Control Room			
STS.34.42.2040	STS_Install: Train Control - ATSC Power Panels - Moscone Station Control Room	3	21-Jan-22	25-Jan-22	-497		STS_Install: Train Control - ATSC Power Panels - Moscone Station Control Room			
STS.01.64.100	STS_Install: Owner Next Bus Signs @ 4th/Brannon Station	5	21-Jan-22	27-Jan-22	-497		STS_Install: Owner Next Bus Signs @ 4th/Brannon Station			
STS.34.42.39 c	STS_Fab/Deliver: Transportation: ATCS Central Equipment (34 42 39)	10	21-Jan-22	30-Jan-22	-698		STS_Fab/Deliver: Transportation: ATCS Central Equipment (34 42 39)			
STS.20.71.535	STS_Prep/Submit: Sub-Systems Maintainability Demonstration -Facility SCADA Systems (FSS)	20	22-Jan-22	10-Feb-22	147		STS_Prep/Submit: Sub-Systems Maintainability Demonstration -Facility SCADA Systems (FSS)			
STS.20.71.515	STS_Prep/Submit: Sub-Systems Maintainability Demonstration - PCC SCADA Equipment	40	22-Jan-22	02-Mar-22	127		STS_Prep/Submit: Sub-Systems Maintainability Demonstration - PCC SCADA Equipment			
STS.34.42.1350	STS_Install: Train Control - Train Control Signals - SB Chinatown to North Limits	3	24-Jan-22	26-Jan-22	-528		STS_Install: Train Control - Train Control Signals - SB Chinatown to North Limits			
STS.34.42.2120	STS_Install: Train Control - ATSC Power Panels - Chinatown Station Control Room	4	24-Jan-22	27-Jan-22	-499		STS_Install: Train Control - ATSC Power Panels - Chinatown Station Control Room			
STS.34.42.2030	STS_Install: Train Control - ATSC Transformer - Moscone Station Control Room	2	26-Jan-22	27-Jan-22	-497		STS_Install: Train Control - ATSC Transformer - Moscone Station Control Room			
STS.34.42.1330	STS_Install: Train Control - Train Control Cable Loop System SB Chinatown to North Limits	2	27-Jan-22	28-Jan-22	-530		STS_Install: Train Control - Train Control Cable Loop System SB Chinatown to North Limits			
STS.34.42.2110	STS_Install: Train Control - ATSC Transformer - Chinatown Station Control Room	2	28-Jan-22	31-Jan-22	-499		STS_Install: Train Control - ATSC Transformer - Chinatown Station Control Room			

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2022				
						Q4	Q1	Q2	Q3	Q4
STS.34.42.2540	STS_Install: Train Control - ATSC Wire Pulls & Terminations - Moscone Station Control Room	15	28-Jan-22	17-Feb-22	-497					
STS 34.42.400	STS_Install: Transportation: ATCS Central Equipment - Transportation Mgmt Center (TMC)	15	31-Jan-22	18-Feb-22	-498					
STS.34.41.2130	STS_Install; Traffic Signal Displays 5th St/Brannan	3	01-Feb-22	03-Feb-22	-497					
STS.34.42.2520	STS_Install: Train Control - ATSC Wire Pulls & Terminations - Chinatown Station Control Room	15	01-Feb-22	21-Feb-22	-499					
<b>Startup &amp; Testing</b>		47	02-May-22	05-Jul-22	-595					
<b>Platform Level</b>		47	02-May-22	05-Jul-22	-595					
STS.34.42.425	Startup & Testing - Tunnel & ATSC Systems	47	02-May-22	05-Jul-22	-595					
<b>No 13-Disp</b>		2119	25-Nov-14 A	20-Jun-22	13					
<b>No 13-Level</b>		2119	25-Nov-14 A	20-Jun-22	13					
<b>Unallocated Contingency</b>		182	27-Dec-21	08-Sep-22	-577					

## *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 4<sup>th</sup> 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%
<b>Total</b>	<b>\$648.460</b>	<b>\$1,588.000</b>	<b>\$2,236.460</b>	<b>100.0%</b>

*All amounts in millions of dollars*

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

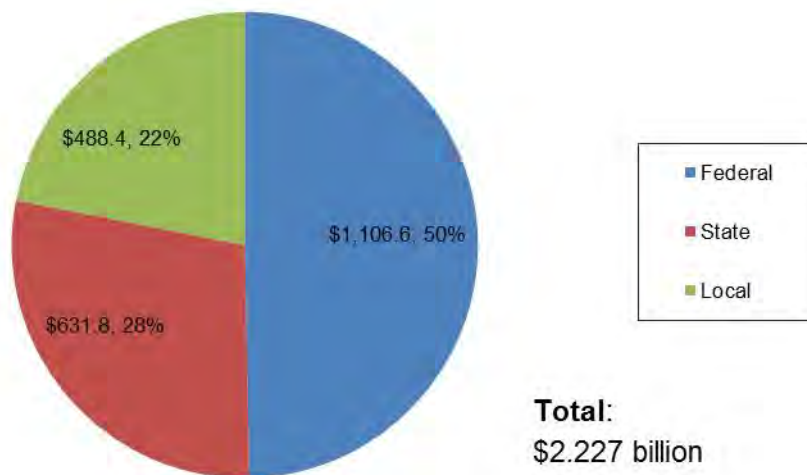
- Phase 1 + Phase 2 of the T Third Line federal, state and local funding percentages previous to the addition of the retrieval shaft relocation budget and funding in December 2013.

## Funding Overview - continued

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

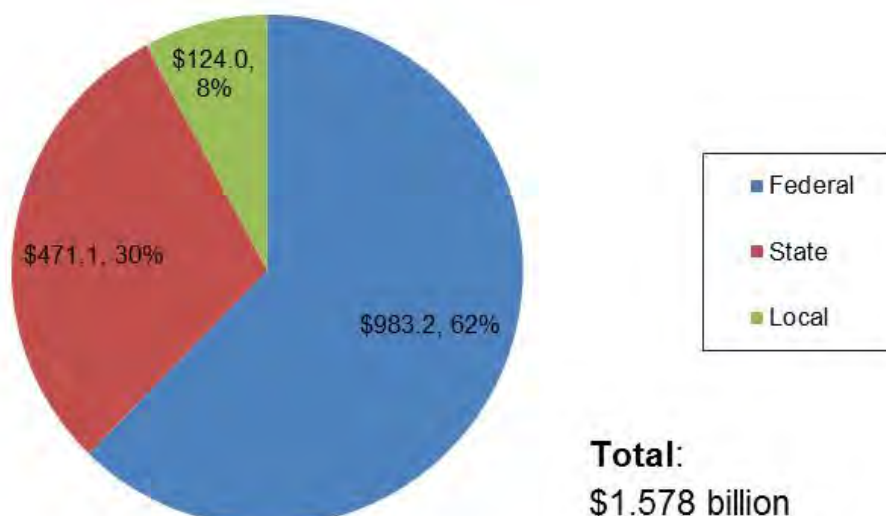
### Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2  
(\$ in millions)



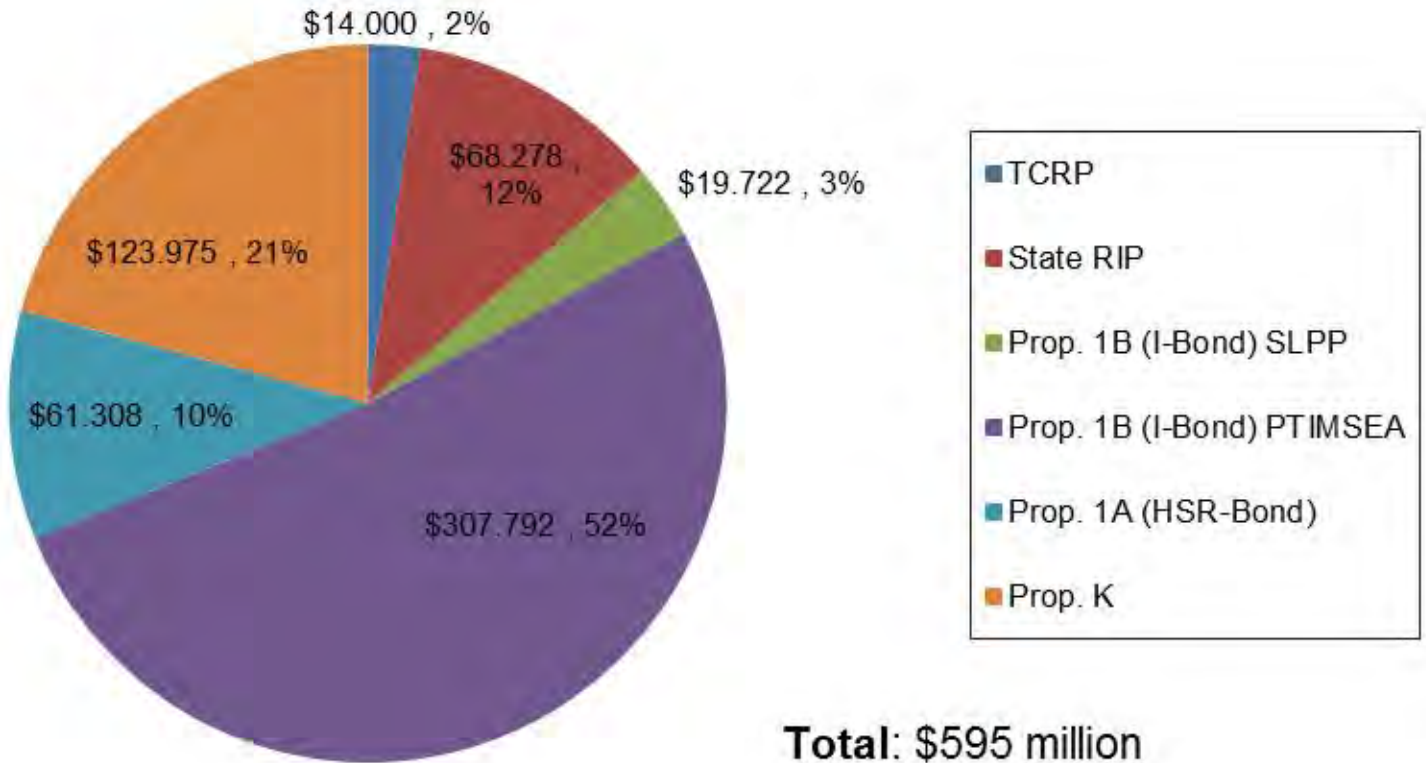
### Central Subway Project Funding

Phase 2  
(\$ in millions)



# State and Local Funding

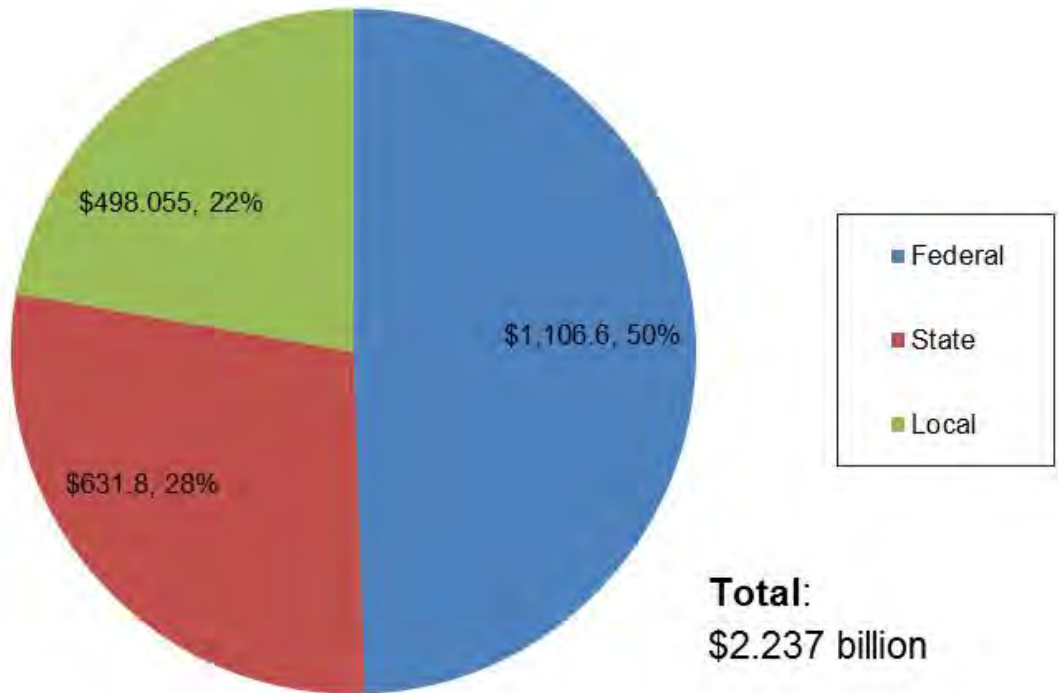
Phase 2  
(\$ in millions)





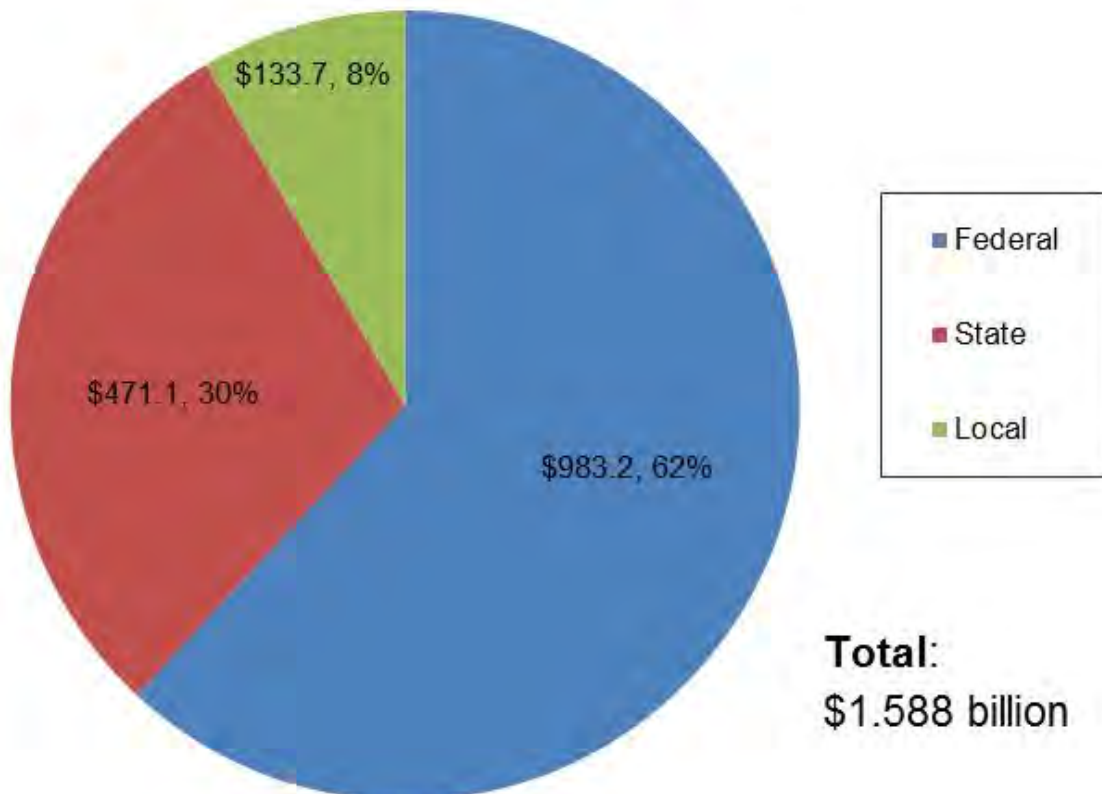
## Third Street Light Rail Transit Project Funding

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

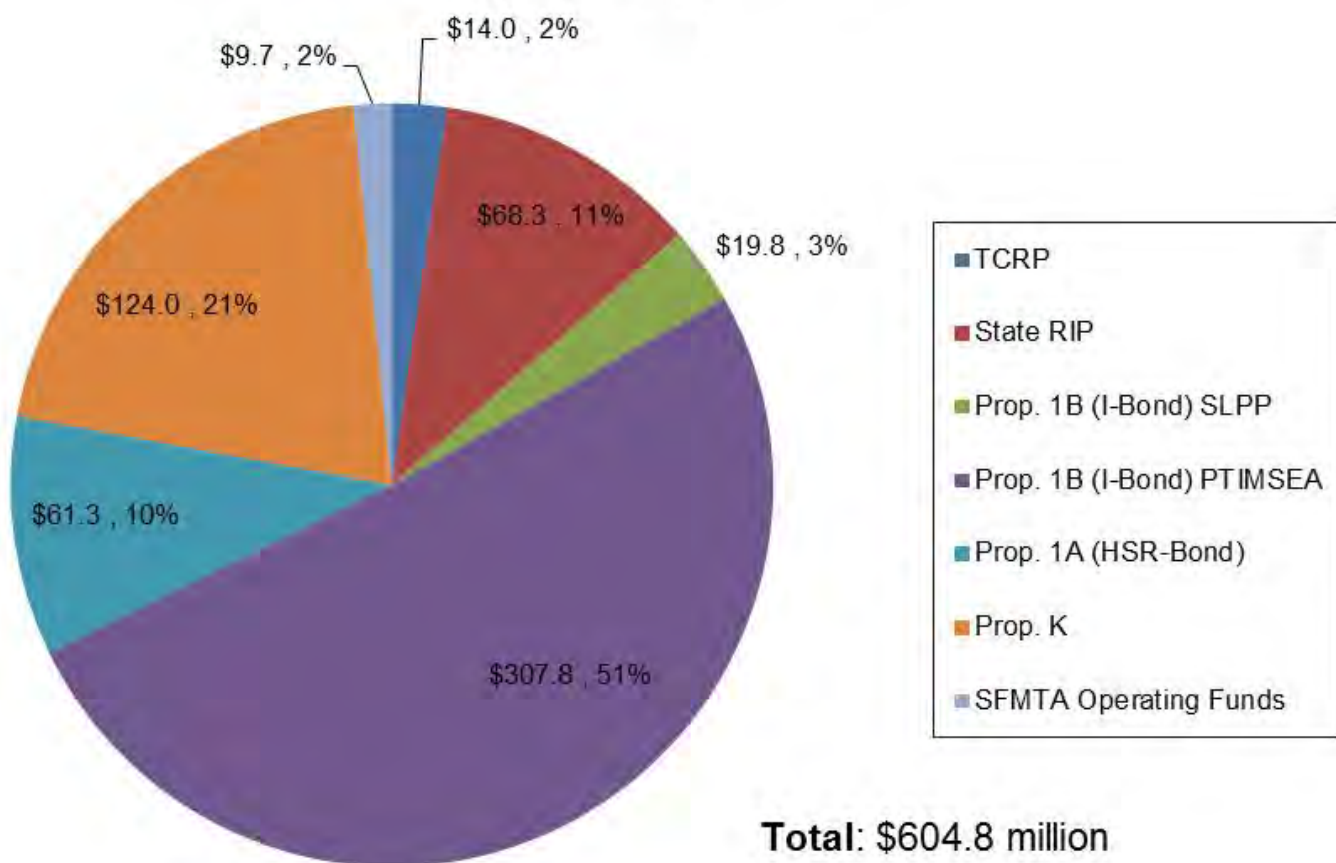


## Central Subway Project Funding

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



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



*Appendix D*

**COMPLETED CONTRACTS**

# Moscone Station and Portal Utility Relocation

**Contract 1250**

Contractor: Synergy Project Management, Inc.

## Budget/Expenditures

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

## Contract Details

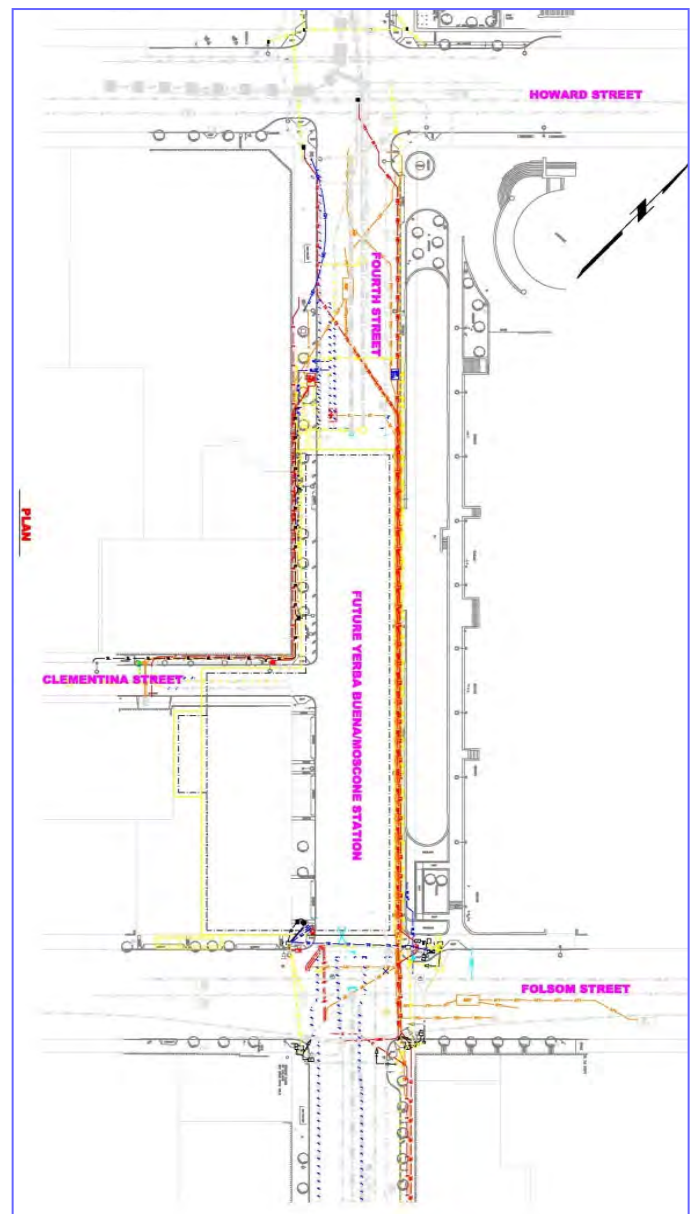
<b>Contract Awarded:</b>	November 17, 2009
<b>Notice to Proceed:</b>	January 4, 2010
<b>Substantial Completion:</b>	June 23, 2011
<b>Contract Award Value:</b>	\$ 9,273,939
<b>Modifications Final :</b>	\$ 2,694,211
<b>Final Contract Value:</b>	\$11,968,150

## Status

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

## Description

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





# Union Square/Market Street Station Utility Relocation

**Contract 1251**

Contractor: Synergy Project Management, Inc.

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

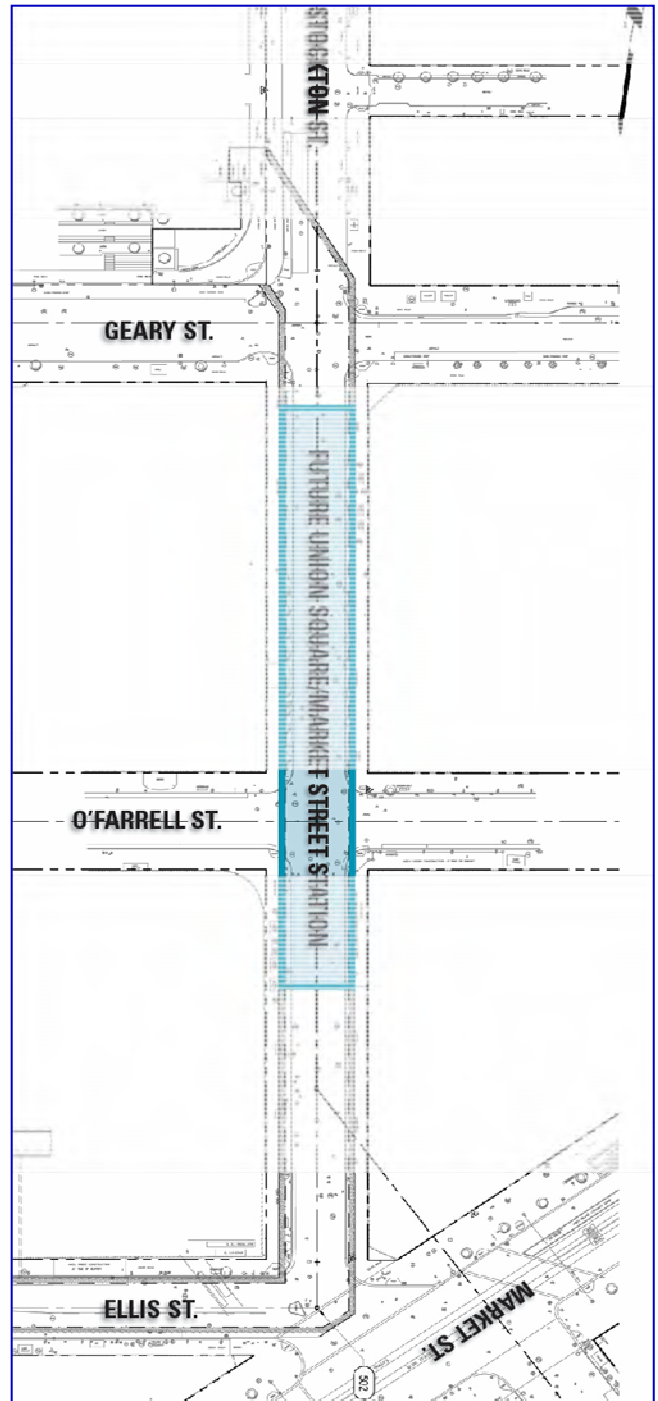
Contract Details	
Contract Awarded:	December 7, 2010
Notice to Proceed:	January 12, 2011
Substantial Completion:	August 16, 2012
Contract Award Value:	\$16,832,550
Modifications Final:	\$3,836,531
Final Contract Value:	\$20,669,081

## 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	
<b>Contract Awarded:</b>	June 12, 2013
<b>Notice to Proceed:</b>	July 15, 2013
<b>Substantial Completion:</b>	Sept. 24, 2013
<b>Contract Award Value:</b>	\$498,995
<b>Modifications to Date:</b>	\$149,981
<b>Current Contract Value:</b>	\$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
<b>Expenditures Final</b>	<b>\$233,511,253</b>

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



## *Appendix E*

### **SBE PARTICIPATION**

Quarterly Report

Current Report: October 2021 to December 2021



**PROGRAM SUPPORT CONTRACTS – SBE PARTICIPATION**

Appendix E presents the Central Subway Program Small Business Enterprise or SBE goals and the actual SBE participation achieved to date – as of December 31, 2021.<sup>1</sup>

**CS Program SBE Summary Table for Professional Services and Construction Contracts**

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

**CS Program SBE Summary Table for Professional Services and Construction Contracts**

Contract No.	Contractor	Services/Segment	A	B	C	D	E	F	G	
			Contract Amount	SFMTA SBE Contract Goal	Contract Expenditure to Date (Est.)	SBE Actual to Date	SBE Contract \$ = A * B	SBE Amount to Date = C * D	Contractor's SBE Goal (in Bid)	
<b>A Project Professional Services Contracts</b>			<i>millions</i>		<i>millions</i>		<i>millions</i>	<i>millions</i>		
1	149	CS Partnership	Project Management	\$127.58	30%	\$116.86	32.3%	\$38.27	\$37.69	31.4%
2	156	Hill International	Project Controls Task 1	\$17.11	26%	\$10.12	29.3%	\$4.45	\$2.96	26.0%
3	155-1	PB Telemon	Tunnels Design	\$7.94	30%	\$7.90	30.2%	\$2.38	\$2.39	31.6%
4	155-2	CS Design Group	Stations Design	\$54.78	30%	\$52.35	31.2%	\$16.43	\$16.33	36.4%
5	155-3	HNTB, Inc.- B&C	Systems, Track & Surface Station Design	\$20.68	30%	\$20.68	25.9%	\$6.20	\$5.36	30.0%
<b>Subtotal Professional Services</b>				<b>\$228.09</b>		<b>\$207.91</b>		<b>\$67.74</b>	<b>\$64.73</b>	
<b>B Project Construction Contracts</b>			<i>millions</i>		<i>millions</i>		<i>millions</i>	<i>millions</i>		
1	1250	Synergy Inc	Utility Relocation 1	\$11.97	20%	\$11.97	97.2%	\$2.39	\$11.63	96.4%
2	1251	Synergy Inc	Utility Relocation 2	\$20.70	20%	\$20.70	87.4%	\$4.14	\$18.10	94.9%
3	1252	BIH	Tunnels and Portal - in Construction	\$239.97	6%	\$239.97	5.8%	\$14.40	\$13.88	6.1%
4	1277	MH Construction	Pagoda Demolition	\$0.65	100%	\$0.65	100.0%	\$0.65	\$0.65	100.0%
5	1300	Tutor-Perini	Stations/Track/Systems - in Construction	\$ 1,144.65	20%	\$1,144.67	17.3%	\$228.93	\$198.43	25.5%
<b>Subtotal Construction Contracts</b>				<b>\$1,417.94</b>		<b>\$1,417.96</b>		<b>\$250.51</b>	<b>\$242.68</b>	
Contract	Contractor	Services/Segment	Base Contract	SFMTA Goal	Expenditures	SBE Actual	= A * B	= C * D	Bid Goal	
			<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	

**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:

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

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

The source of the SBE Actual percent to date and dollar amounts are Progress Payment Applications and Contractor's monthly submittals that may include the current estimated accruals. The BIH SBE percent is from the contractor's progress payment #40, Form 6.

- c) Column G, the Contractor's SBE Goal in the submitted bid, is background information that is not calculated in the table. The table source of the Contractor's SBE Goals is from the SFMTA Contract Compliance Office. A Contractor's SBE goal in the bid is one source used by SFMTA Contract Compliance to assess and propose the Agency's SBE goal for a contract.
- d) The three construction contracts shown in **bold type, 1250, 1251 and 1277**, with gray background, are completed contracts. Little to no changes will be shown in future reports.
- e) The SBE Hill International Actual to Date SBE participation is 29.3% for the overall SFMTA contract. The Hill International data is for the Central Subway Task 1 portion of the Hill International contract to provide SFMTA Project Controls services and systems.
- f) The SBE SFMTA goal for Contract 1300 Tutor-Perini is 20% SBE with a provision of 50% for trucking.

The 1300 Tutor-Perini SBE percent Actual is based on the SBE data provided in Progress Payment #98 December 2021, SFMTA SBE FORM No. 6.

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

### **SBE Participation Details**

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

### Active Professional Services Contracts - SBE Participation Details

As of: 12/31/2021

Contract:	<b>Project Management and Construction management</b>	
Contract No.	<b>CS-149 Central Subway Partnership*</b>	
Status:	On-going	
	Base Contract Value	\$97,715,988
	Approved Change Orders	-0-
	Current Contract Value	\$127,578,071
	Expended to Date (est.)	116,856,789
	% Expended	91.6%
	SBE SFMTA Goal	30.0%
	SBE Participation	32.3%

Contract:	<b>Project Controls Cost and Schedule Support</b>	
Contract No.	<b>CS 156 Hill International Task 1*</b>	
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:	<b>Design Package 1 for CNS 1250, 1251 and 1252 Tunnels</b>	
Contract No.	<b>CS-155-1 PB / Telemon*</b>	
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:	<b>Design Package 2 for 1253 UMS, 1254 CTS, 1255 YBM</b>	
Contract No.	<b>CS-155-2 Central Subway</b>	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	\$39,949,948
	Approved Change Orders (6)	\$14,829,744
	Current Contract Value	\$54,779,692
	Expended to Date (est.)	52,353,516
	% Expended	95.6%
	SBE SFMTA Goal	30.0%
	SBE Participation	31.2%

Contract:	<b>DP 3 Systems, Track work,</b>	
Contract No.	<b>CS-155-3 HNTB-B&amp;C*</b>	
Status:	Design is completed. Construction support ongoing	
	Base Contract Value	22,710,127
	Approved Change Orders (9)	\$2,735,209
	Current Contract Value	\$25,445,336
	Expended to Date (est.)	20,678,237
	% Expended	81.3%
	SBE SFMTA Goal	30.0%
	SBE Participation	25.9%

\* denotes accrual

### Active and Completed Construction Contracts - SBE Participation Details

Data as of:		12/31/2021
Contract:	<b>Synergy Inc Utility Relocation 1 YBM &amp; Launch Box</b>	
Contract No.	<b>1250</b>	
Status:	<b>Contract is completed and closed out</b>	
	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:	<b>Synergy Inc Utility Relocation 2 UMS</b>	
Contract No.	<b>1251</b>	
Status:	<b>Contract is completed and closed out</b>	
	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:	<b>Pagoda Palace Demolition / MH Construction</b>	
Contract No.	<b>1277</b>	
Status:	<b>Contract is completed and closed out</b>	
	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:	<b>Tunnels Barnard/Impregilo/Haley</b>	
Contract No.	<b>1252</b>	
Status:	<b>Contract is completed and closed out</b>	
	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:	<b>Stations and Systems / Tutor Perini</b>	
Contract No.	<b>1300</b>	
Status:	On-going	
	Base Contract Value	\$839,676,400
	Approved Change Orders	\$304,970,114
	Current Contract Value	\$1,144,646,514
	Expended to Date (est.)	1,144,670,352
	% Expended	97.0%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	17.3%

Photos on the next page:







(top to bottom) December 2021: At Chinatown Station, view of surface station taken at crosswalk between Stockton Street and Washington Street. Concourse agent booth fare gate and light fixtures at Union Square Market Street Station. At Yerba Buena/Moscone Station, a view Surface Headhouse birds. View of tunnel blue lights installed at Surface, Track, and Systems station.



# central subway

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