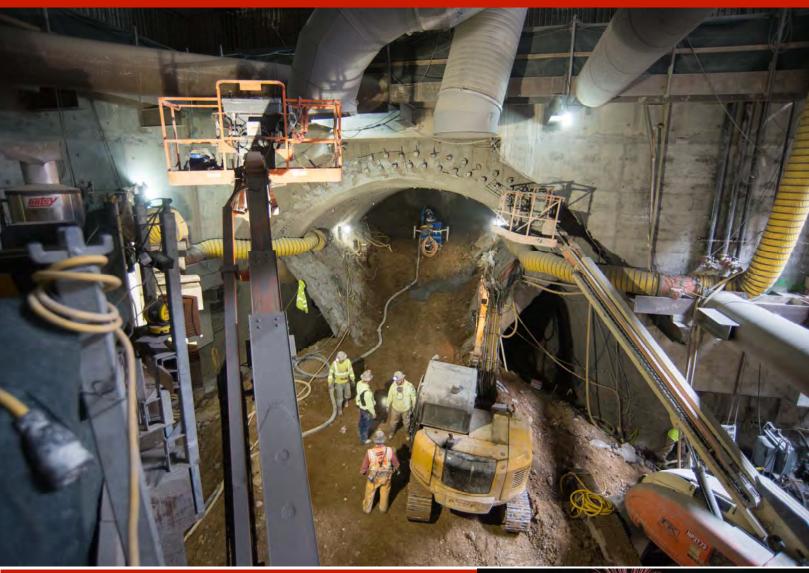
central Tsubway

Cross-Cut Cavern at CTS

Sequential excavation method work on the future entrance to the Chinatown Station cavern is well underway.



Progress Report

July 2016

















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<u>Cover photo:</u> Work to excavate the top heading of the entrance archway into the future station cavern is more than half complete. Excavation of the top of the two side drifts has already been completed. With each push of excavation, shotcrete is sprayed onto anchored sections of steel mesh on the walls for reinforcing. More photos can be found starting on page 33.

<u>Above photos</u>: An excavator fitted with a large jackhammer chips away at unneeded concrete piles inside the south concourse of the station. These piles were formerly part of the south headwall, a wall of inter-locking circular piles that go down over 120 feet, forming the south wall of the future station box.

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



Large excavation equipment is staged at the bottom of the Chinatown Station headhouse during SEM work inside the station cavern archway.

Executive Summary

Continue excavation at YBM, UMS and CTS Stations for the future stations.

Chinatown Station - Headhouse - excavated to Temp Level 5.0 Walers and Struts. Crosscut Cavern — Approximately half-done with CCC under Stockton Street. Incidental street work (minor), ongoing monitoring and surveying. North Emergency Egress Shaft—excavation ongoing.

Union Square/Market Street Station - North Concourse: Installed waterproofing, sidewalk andramps; continue to Concourse level wales and struts. South Concourse: excavated behind escalator piles. Station Platform: and installed compensation grout pipes and performed preconditioning of compensation grout pipes. Installed lookouts and star packs and installed shotcrete. UMS Garage: Commence PCC030 Underpinning along GL-16. Commence installation of new column footings along south wall of the garage. Continue FRP new shear walls along GL10, and B-line of the new ramp/ station interface.

Yerba Buena/Moscone Station - Continue utility installation on 4th Street north of the north headwall. Shotcrete for interior walls in Concourse is in progress. Placing cast-in-place concrete walls in Mezzanine in progress.

Surface, Track and Systems– Continue Muni ductbank installation. Continue 78" sewer rehabilitation. Continue 36" sewer force main. Continue Auxiliary Water Supply System (AWSS) installation. Continue water line work. Continue OCS pole foundation installation. Continue tunnel drainage system installation. Continue tunnel invert slab work.

Tunnel - Contract administrative closeout is ongoing.

Total project costs to date are \$963.51 million, an increase of \$8.42 million over last month. The total cost to date equals 61.05% of the total project budget of \$1.578 billion. The Master Project Schedule forecast the Revenue Service Date of July 2019.

The Stations Contractors' Safety Reports show no recordable accidents took place this month and the rates of work site accident incidents by the man hours worked continue to be below industry standards - see tables on page 29.

Key Milestones

O'Farrell North Side Roof Deck Installation



1 Workers install corrugated steel panels below utilities suspended above

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



2 Concrete is poured and waterproofing is installed



3 The site is backfilled and graded, and both lanes of O'Farrell are restored

Costs and Schedule

Costs (See Appendix A for Details)

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

Total net incurred costs for the project are \$963.51 million, a \$8.42 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$925.29 million) plus the utilities joint trench Form B Reimbursement payment (\$10.98 million), invoices currently being processed (\$20.65 million) and estimates of outstanding pay requests (\$6.60 million). This incurred amount equals 61.05% of the total project budget of \$1.578 billion.

The current funding level to date is \$1,179.79 million. This represents 75% of the total project budget.

Earned Value Analysis

In July 2016 Report, the Preliminary Earned Value Analysis reports is based on the SFMTA July Schedule Update. The Planned Value, Earned Value, Actual Cost, Percent Complete and resulting indexes as follows:

Preliminary July Earned Value

Overall Budgeted Cost:	\$1,578,300,000
Planned Value:	\$1,236,846,676
Earned Value:	\$963,873,116
Actual Cost:	\$956,514,541
Schedule Performance Index (SPI):	0.78
Cost Performance Index (CPI):	1.00
Percent Complete:	61%

Schedule Highlights

The Master Project Schedule (MPS) below includes progress through July 2016. The July 2016 Schedule Update submittal from Contract 1300 Contractor is rejected due to incorrect schedule logic. The Contract 1300 schedule represented in this report is based on the SFMTA July 2016 Schedule Update.

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

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

Schedule Contingency is fully utilized on the critical path of the MPS, which is below the Minimum Schedule Contingency level of 6 months. A schedule re-evaluation will be performed, utilizing the updated Contract 1300 Schedule. Recovery options are being implemented in key areas as work proceeds. SFMTA continues to meet with Contractor to discuss all schedule concerns and comments. TPC continues to experience lower production rates during their mining activity that resulted in a lost 18 calendar days in month of July. Four days of time in this reporting period can be attributed to an equipment (crane) failure. Impacts of this incident caused a temporary lapse in excavation and support of the crosscut cavern top center drift. Multiple mitigation measures were continued by TPC in an effort to recover some lost time. It is not unusual for SEM production rates to initially fall behind at activity startup. TPC has identified mitigation measures, extending workday shifts to two-twelve hours shifts, working weekends and re-sequencing critical path activities to recover lost time. Contract 1300 Schedule delay in July results in the forecast Revenue Service Date slipping to July 25, 2019.

Contract 1300 Contractor submitted twenty (20) Schedule Updates from December 2014 to July 2016. SFMTA rejected eight (8) Schedule Updates from September 2015 to April 2016. SFMTA approved as noted the May 2016 Schedule Update. The status of the June 2016 Schedule Update is Disapproved. Contractor has been directed to develop a Recovery Schedule as required by Contract and correct out-of-sequence and Retained Logic driving many of the forecast dates. Review of schedule updates as well as identifying recovery options is ongoing.

Contract 1300 Stations, Surface, Track and Systems

The Contractor, Tutor Perini Corporation's (TPC) baseline schedule is incorporated into the master program. The preliminary SFMTA Contract 1300 July 2016 schedule is used within the July Report. The SFMTA Contract 1300 July 2016 schedule is based on the approved baseline schedule logic with adjustments



A single lane on the east side of Stockton is being repaved to restore vehicle access from Post to Geary.

Schedule Highlights - Continued

made for fixing retained logic and lags. The SFMTA will continue to use their Contract 1300 schedule update as a forecasting tool going forward until the Contract 1300 Contractor submits an acceptable schedule that addresses all of SFMTA scheduling concerns.

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

- Head house- excavated to Temp Level 4.0 Walers and Struts
- Cross Cut Cavern: Began tunneling under Stockton Street
- Incidental street work (minor), ongoing monitoring and surveying
- North Emergency Egress Shaft excavation ongoing

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

- Restore one lane on Stockton Street between Post and Geary Streets. O'Farrell full closure has been requested
- North Concourse: Continue to relocate street light conduit; restore sidewalk; complete backfill
 and install paving. Below deck: installed waterproofing, sidewalk and ramps; continue to Concourse level wales and struts
- Platform Station: Drilled and installed compensation grout pipes and performed preconditioning of compensation grout pipes. Installed lookouts and star packs and installed shotcrete
- South Concourse: Continue to chip/prep piles for stub beams/vertical drain slots. Excavated behind escalator piles
- UMS Garage: Commence PCC030 Underpinning along GL-16. Commence installation of new column footings along south wall of the garage. Continue FRP new shear walls along GL10, and B-line of the new ramp/station interface

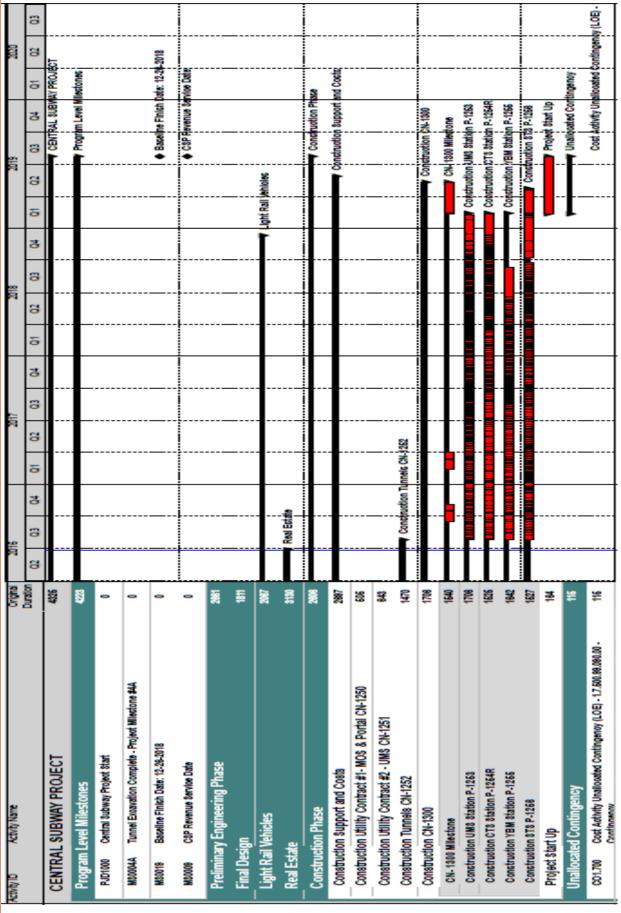
Work Package P-1255 (YBM) has performed the following work this month:

- Continue utility installation on 4th Street north of the north headwall
- Shotcrete for interior walls in Concourse is in progress
- Placing cast-in-place concrete walls in Mezzanine is in progress

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

- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation
- Continue 36" sewer force main
- Continue Auxiliary Water Supply System (AWSS) installation
- Continue water line work
- Continue OCS pole foundation installation
- Continue tunnel drainage system installation
- Continue tunnel invert slab work

Master Project Schedule





Light shines in the main access portal for the mezzanine level of the station box, where workers are preparing exposed sections of slurry wall for the installation of waterproofing.

Contracts & Construction

Construction Contracts In Progress

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

• Contractor: Tutor - Perini Corporation

• Amount: \$843.03 million

Contract Status: 47.63% complete construction

Contracts Completed

See Appendix D

Contract 1250: Moscone Station and Portal Utilities Relocation

Contract 1251: Union Square/Market Street Station Utility Relocation

Contract 1277: Pagoda Theater Site Demolition (Funded separately from the CS Project budget)

Contract 1252: Central Subway Tunneling

Contract SBE Participation (Updated Quarterly) See Appendix E

Stations, Surface, Track and Systems

Contract 1300 Contractor: Tutor-Perini Corporation

Description of Work

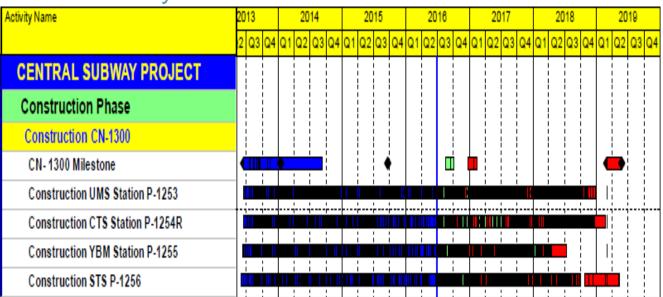
The Contract 1300 scope is to construct the Central Subway's three subway stations, one surface station, construct the 2,000 feet of surface track, and install track and operating systems throughout the new alignment. The separate station and systems work packages are presented in the following pages.

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

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$839,676,400
Modifications to Date:	\$3,357,419
Current Contract Value :	\$843,033,819

Budget/Expenditures▲	
Current Budget	\$859,601,400
Expenditures to Date	\$399,017,997

1300 Summary Schedule



Chinatown Station

Contract 1300 - Work Package 1254R



Current Work Status

- Head house- excavated to Temp Level 5.0 Walers and Struts
- Cross Cut Cavern: Approximately halfdone with CCC under Stockton Street
- Incidental street work (minor), ongoing monitoring and surveying
- North Emergency Egress Shaft excavation ongoing

Work Expected Next Month

- Crosscut Cavern: continue tunneling under Stockton Street
- Compensation grouting may take place
- Head house Finish Level 5 excavation and installation of Walers and Struts to by August 15 (approximately)
- Continue with lower level of Crosscut Cavern

Description of Work

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

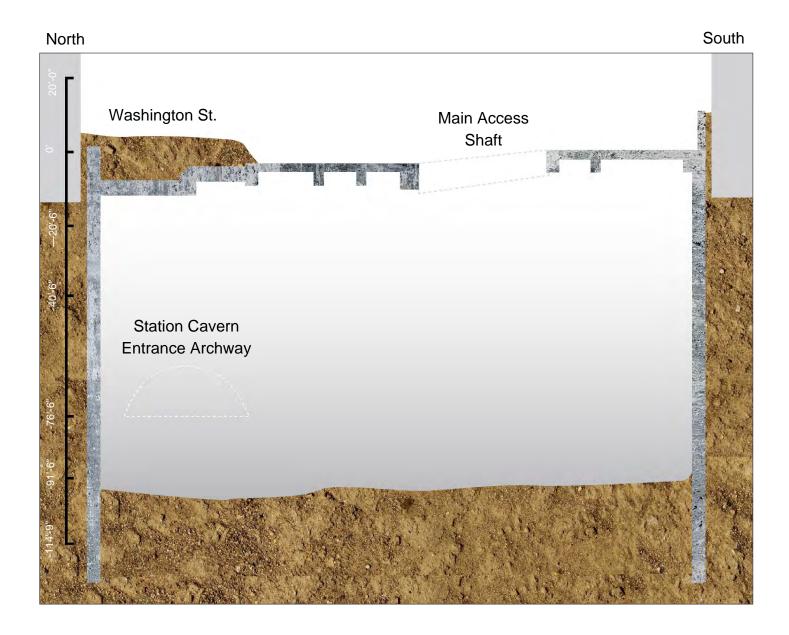


Three Month Look Ahead

- Head house: Construct Level 3 composite wall, Complete Level 6 excavation and install Level 6 Struts
- Compensation grouting on as-needed basis
- Crosscut Cavern: Complete Cross Cut Cavern excavation and primary lining; Begin Platform Cavern excavation



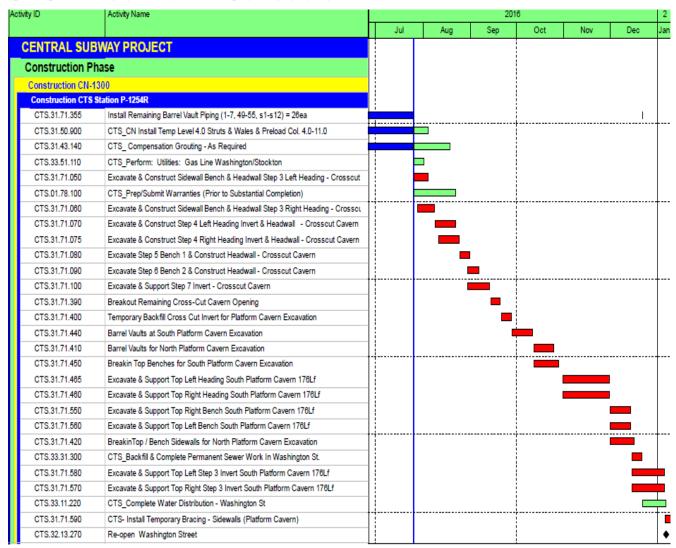
Station Excavation and Construction Progress Section



Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$247,567,810
Modifications to Date:	\$2,775,201
Current Contract Value:	\$250,343,011

Budget/Expenditures ⊾	
Current Budget	\$252,492,810
Expenditures to Date	\$107,778,941

CTS Three Month Schedule



Schedule: Contract 1300 July 2016 Update

Union Square/Market Street Station

Contract 1300 Work Package 1253

Description of Work

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

Current Status This Month

- Restore one lane on Stockton Street between Post and Geary Streets. O'Farrell full closure has been requested
- North Concourse: Continue to relocate street light conduit; restore sidewalk; complete backfill and install paving. Below deck: installed lookouts waterproofing, sidewalk and ramps; continue to Concourse level wales and struts
- Platform Station: Drilled and installed compensation grout pipes and performed preconditioning of compensation grout pipes. Installed lookouts and star packs and installed shotcrete
- South Concourse: Continue to chip/prep piles for stub beams/vertical drain slots. Excavated . behind escalator piles
- UMS Garage: Commence PCC030 Underpinning along GL-16. Commence installation of new column footings along south wall of the garage. Continue FRP new shear walls along GL10, and B-line of the new ramp/station interface

Work Expected Next Month

- Nighttime lane closures expected for jet grout coring and utility work
- North Concourse: Below deck: installed lookouts and wales; installed shotcrete for benches and pile repair
- Platform Station: Drilled, installed and completed preconditioning of compensation grout pipes.
 Installed lookouts, benches and wales. Performed pile cap repair for Roof Deck 1A piles.
 Installed AWSS pipe at night
- South Concourse: Drilled and installed compensation grout pipes. Chipped/prepped piles for stub beams and vertical drain slots



- Ellis Annex: Chipped/prepped piles for vertical drain slots. Performed culvert/catch basin installation
- UMS Garage: Complete 16-line underpinning micropile installation. Complete FRP B-line wall and continue FRP of structural concrete roof over new ramp. Continue footing installation along south wall of garage

Three Month Look Ahead

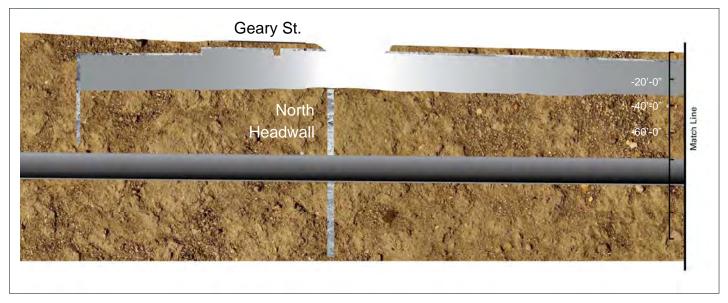
- Platform Station: Continue jet grout activities; backfill, install utilities and restore street; dewatering; install permanent wales; excavate bench; install studs, mesh, drain pipe & shotcrete pile walls
- Access Shaft: break through battered piles & frame construction
- North Concourse: MRY conductor installation, continue compensation grout pipe installation and preconditioning, station power installation and gas line installation
- UMS Garage: Complete structural demolition; Complete underpinning and foundation work, commence fan level excavation within garage. Commence new foundations and erection of structural steel

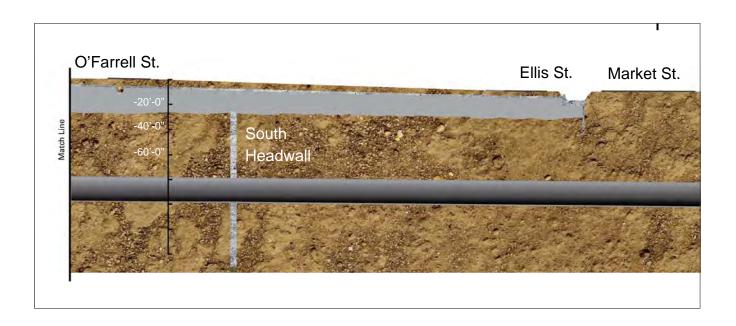
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Station Excavation and Construction Progress Section

North South



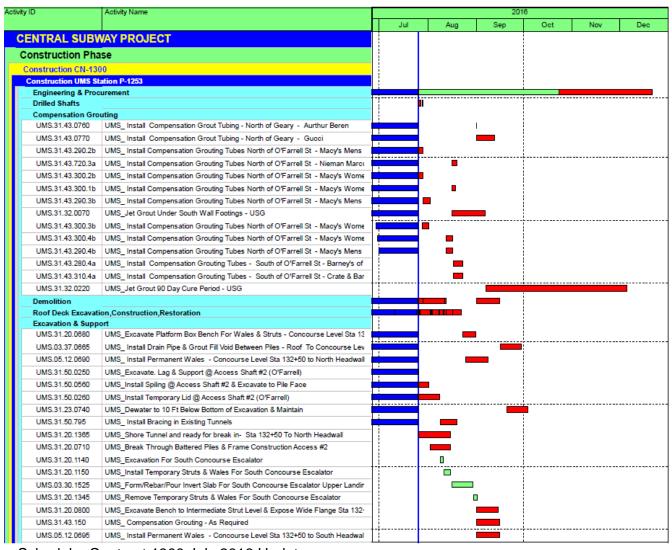


Union Square Market Street Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$294,030,590
Modifications to Date:	\$191,294
Current Contract Value:	\$294,221,884

Budget/Expenditures ▲	
Current Budget	\$299,030,590
Expenditures to Date	\$160,627,239

UMS Three Month Schedule



Schedule: Contract 1300 July 2016 Update

Yerba Buena/Moscone Station

Contract 1300 - Work Package 1255



Current Status

- Break through center wall between headhouse and station box for temporary construction opening at Invert level completed
- Continue utility installation on 4th Street north of the north headwall
- Shotcrete for interior walls in Mezzanine completed
- Forming cast-in-place concrete walls in Mezzanine in progress
- Preparation for placing shotcrete interior perimeter walls in Concourse in progress

Work Expected Next Month

- Continue utility installation on 4th Street north of the north headwall
- Cast interior concrete walls in Mezzanine
- Begin placing shotcrete interior perimeter walls in Concourse

Description of Work

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

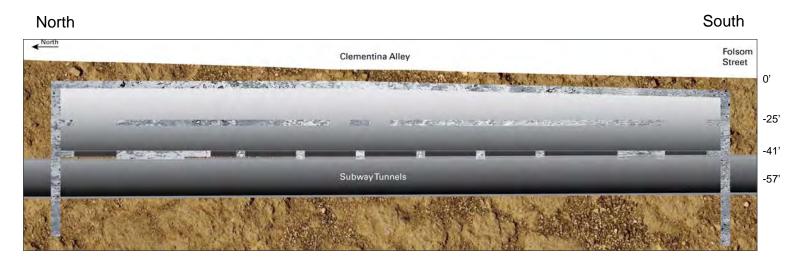


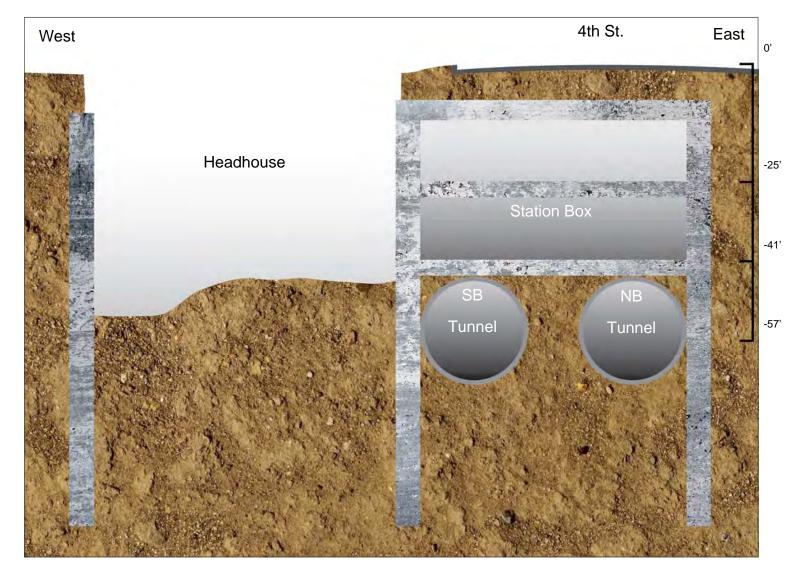
Three Month Look Ahead

- Break through and remove tunnel liner to allow excavation to Invert level within station box
- Install Station Level 6 Temporary Struts; Excavate station and head house to Invert
- Utility installation at intersection of 4th Street with Howard Street and Folsom Streets
- Continue shotcrete interior walls
- Paving east side of 4th Street north of station up to Howard Street



Station Excavation and Construction Progress Section



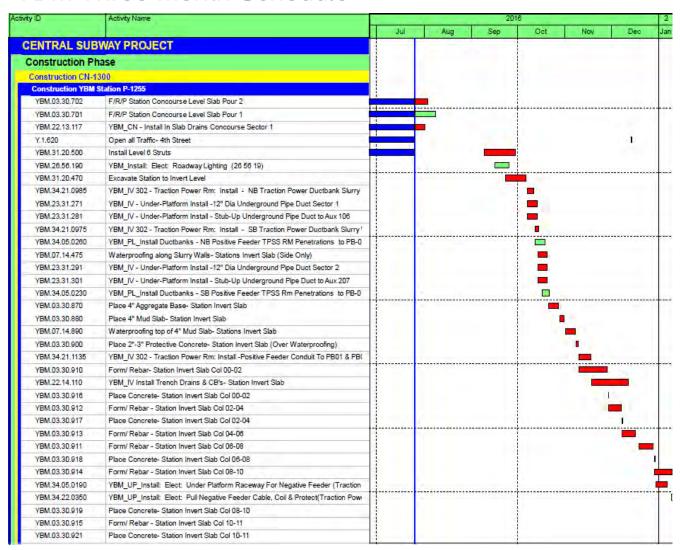


Yerba Buena Moscone Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	February 10, 2018
Contract Award Value:	\$158,089,000
Modifications to Date:	(\$1,073,031)
Current Contract Value:	\$157,015,969

Budget/Expenditures 🛦	
Current Budget	\$163,089,000
Expenditures to Date	\$88,238,843

YBM Three Month Schedule



Schedule: Contract 1300 July 2016 Update

Systems, Trackwork, & Surface Station

Contract 1300 - Work Package 1256

Description of Work

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

Current Status

- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation
- Continue 36" sewer force main
- Continue <u>Auxiliary Water Supply System</u> (AWSS) installation
- Continue water line work
- Continue OCS pole foundation installation
- Continue tunnel drainage system installation
- Continue tunnel invert slab work

Work Expected Next Month

- Continue 78" sewer rehabilitation
- Continue MRY ductbank and vault installation
- Continue 36" sewer force main
- Continue AWSS installation
- Continue waterline installation
- Continue OCS pole foundation installation
- Continue tunnel drainage system installation
- Continue tunnel invert slab work



Three Month Look Ahead

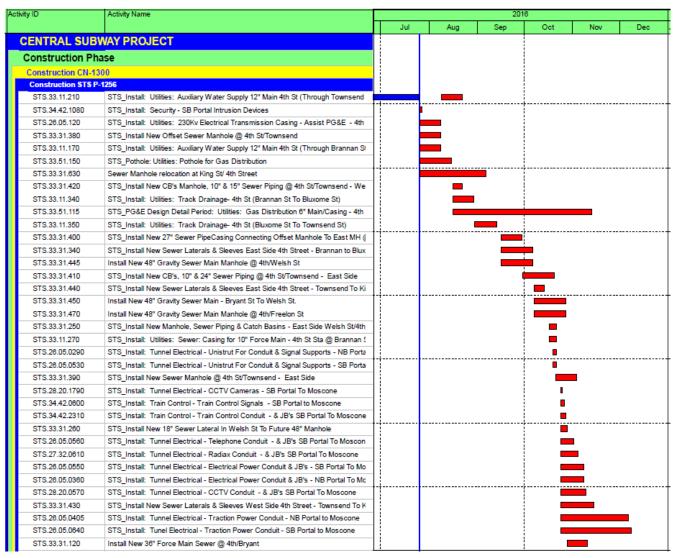
- Waterline installation
- AWSS installation
- Muni ductbank installation and vault installation
- 36" sewer force main installation
- 78" sewer rehabilitation
- OCS pole foundation installation
- Tunnel drainage system installation
- Tunnel invert slab construction
- Tunnel walkway construction

Systems, Trackwork, & Surface Station Construction - Continued

Contract Details				
Contract Awarded:	May 21, 2013			
Notice to Proceed:	June 17, 2013			
Substantial Completion:	February 10, 2018			
Contract Award Value:	\$139,989,000			
Modifications to Date:	\$1,463,954			
Current Contract Value:	\$141,452,954			

Budget/Expenditures				
Current Budget	\$144,989,000			
Expenditures to Date	\$42,372,974			

Systems, Track and Surface Station Three Month Schedule



Schedule: Contract 1300 July 2016 Update

Program Components

Community Outreach

Outreach public information, events and presentations for July 2016 include:

Preparation and dissemination of construction notices

Conducted meetings with various merchant stakeholders along the alignment

Responded to constituents' questions and concerns

In partnership with Chinatown Community Development Center (CCDC), we displayed the Chinatown Station Plaza Couplet Contest Top 10 Finalists' couplets at Chinatown Community Development Center's (CCDC) community exhibit located at 41 Ross Alley in Chinatown

Edited and released quarterly Construction Update video

Outreach and preparation for August 18, 2016 Community Advisory Group meeting

Conducted Central Subway tour for Department of Public Works interns

Posted blog promoting the success and results of Chinatown Station Couplet Contest

Outreach in Support of Mitigation and Monitoring

Team members conducted weekly progress meetings to address stakeholder concerns

Outreach and communication efforts continue in Chinatown, Union Square, and SOMA; Addressed Chinatown night noise and merchant's complaints

Weekly photo documentation of project work and editing

Weekly construction update emails sent to list of approximately 700 residents and stakeholders Distributed monthly construction update to CTS neighborhood; CTS flier are bi-lingual

Media Coverage

Central Subway Media Coverage					
Date	Title (with link to story)	Source	Reporter/Writer		
7/12/16	SF Tennis Club, Deal Reached on Site <u>Development</u>	SF Gate	J.K. <u>Dineen</u>		
7/13/16	L.A. developer proposes 374-unit tower in San Francisco's hot Central SoMa	San Francisco Business Times	Roland Li		
7/14/16	Architect consultant on Central Subway overcharged SF	SF Examiner	Joe Fitzgerald Rodriguez		
7/29/16	Rose Pak's Opposition Slam Brakes Car Free Stockton Street Project	SF Examiner	Joe Fitzgerald Rodriguez		

Quality Assurance

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

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

- UMS roof beam to pile WF installation Continued Inspection/acceptance/documentation by Smith Emery CWI's of all welds associated with the ongoing Installation of structural and excavation support steel.
- UMS and YBM Water Proofing Subcontractor substrate preparation and application inspection/ acceptance of work performed by Waterproofing Experts by RDH continues for the few remaining roof placements
- TPC QC Daily Inspection reports posted to CM13 which includes TPC's Specialty Subcontractor's QC checklists and associated documentation and Smith Emery Inspection Reports; TPC's Subcontractor that provides laboratory and Inspection Services including Special Inspections required for the City of San Francisco's Department of Building Inspection (DBI) for all permitted work
- Installation of tunnel invert concrete
- Preparatory and Initial Phase Meetings continue as scheduled. Additional Initial Phase Meetings
 are conducted at the request of the SFMTA or TPC QC as circumstances demand or as unanticipated issues occur. Note that additional Initial Phase Meetings are usually very effective in preventing recurring unsatisfactory work, primarily because responsible Field Supervision is required
 to attend
- Sequential Excavation Method (SEM) Meetings (daily at 9:00 am) and Instrumentation/ Monitoring and Construction Management Task Force (CMTF) Meetings (daily at 8:00 am on site)
- Bi-Weekly Quality Task Force (QTF) Meetings ongoing dialog regarding; planning for upcoming Work, identification and mitigation of in-process potentially unsatisfactory work, generation of CNCR and other items related to TPC's QC efforts in implementing TPC's approved Quality Control Program (QCP)
- Weekly Work Package Progress Meetings for STS, YBM, UMS and CTS
- Monthly Project Risk Mitigation Meetings

<u>Document comment and review</u>:

- Contractor's submittals, e.g., review of welding, concrete (including shotcrete) and other Quality
 related submittals/comments as requested to support the RE's and CM, and RFIs related to quality and welding
- QA Staff continues random/spot checks of the 1300 Contractor's Field Testing lab results; items
 requiring further action/investigation (missing or inconsistent data, compressive strength results
 that appear to have a very broad range of values, failure to adequately identify the location where

Quality Assurance - Continued

tests/specimens are taken and such) are brought to the attention of the Contractor

QA Issues:

 TPC performing work prior to receipt of approval status of required submittals/RIFs with/without knowledge of TPC QC. Note that TPC QC's preparation for both Preparation and Initial Phase Meetings, which includes comprehensive listing and status of all associated submittals, is greatly facilitating the performance of acceptable work

QA Concerns:

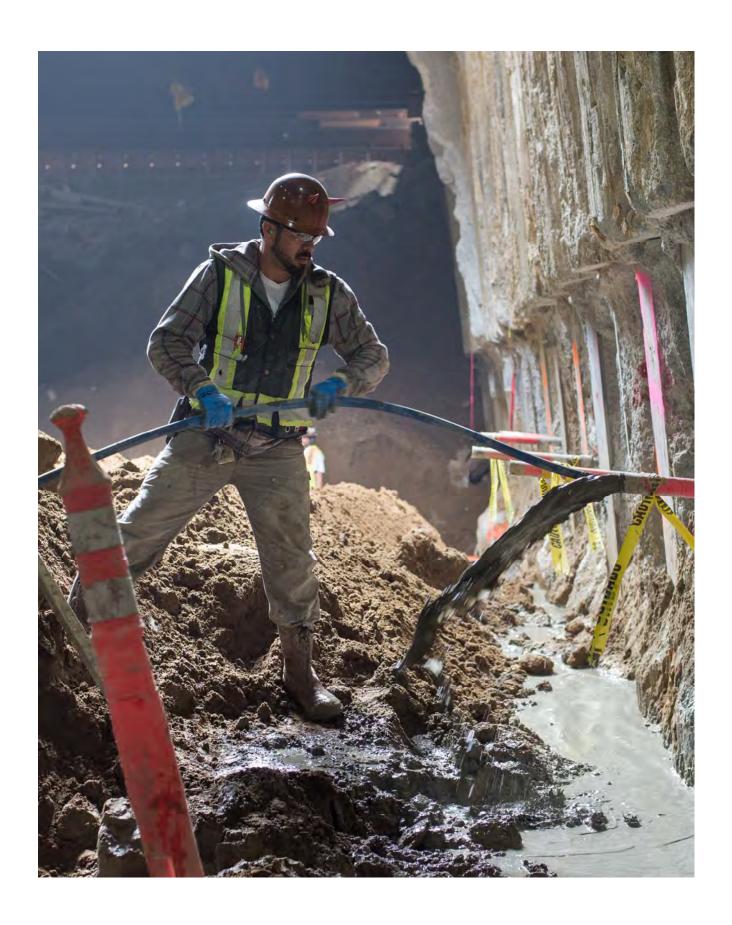
- TPC performing work prior to receipt of approval status of required submittals. note that additional Initial and/or Preparatory Phase Quality Meetings greatly enhance the mitigation of preventing work prior to obtaining submittal/RFI approval.
- nstallation/preconditioning of compensation grouting Tube-a-manchette (TAMs) at the Arthur Berens/Dior Building (216 and 218 Stockton Street) - still awaiting a revised work plan from TPC CG Specialty Subcontractor's designer
- Appropriate design review/sign-off of composite drawings for tunnel inverts, prior to concrete placement (assuring that all required systems/facilities conduits are embedded as required)
- TPC's Record Document (as-built) effort refinement, to include CNCRs and a timely recording of Work performed that is different than what is required by the latest approved Conformed Design Drawings

Other Program QA Practices Implemented

- Close-out of Corrective Action Requests: Close outs continued from Quality Assurance staff's Audits, Surveillances and PMOC Quarterly Reviews. The status is tracked in the Corrective Action Log that is provided to the project team and the FTA PMOC
- TPC's response to Quality Assurance Audit Report QAA 026, Implementation of TPC's Quality Control Program (QCP) was received and is currently under review

Risk Management

Risk Mitigation Management Meeting No. 84 was held on July 7, 2016. The Risk Assessment Committee performed a quarterly review of active risk items previously assessed as being a lower rated risk, identified by a risk rating of five and below. As well as a review of all other construction risk rated 6 and above. The purpose of this review was to evaluate the current disposition of the risk, determining if the risk rating continues to be valid, or requires re-evaluation by the Committee. Examination of the risk description, and mitigation strategies against current construction activities allowed the Committee to make an accurate determination of the current risk status.



Program Safety & Security

The San Francisco Municipal Transportation Agency is committed to the highest practical level of safety and security standards and practices in the public transit industry. The Safety and Security Management Plan (SSMP) components are reported on below as appropriate including, Safety and Security Committee, the Fire Life Safety and Security Committee the Construction Conformance Verification and Documentation and Contractor Safety and Security.

Project Management/Construction Management (PMCM) Team

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

Safety Summary for the 1300 Stations Systems Track Construction Package

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

STS had no recordable or first aid incidents. Work on the invert continues and has reached the UMS station. TPC has drilled a hole in the tunnel at the YBM station and will be pumping concrete to the invert from YBM. Street utilities are also be relocated.

YBM had no recordable injuries this month. Work taking place is in the upper levels of the station as TPC is waiting for the invert construction work to pass YBM so they will be able to break into the tunnel.

UMS had no injuries in July. Layne continues with compensation grouting underground. TPC has started to install the struts and whalers.

CTS had no injuries this month. Excavation of the two drifts continues. CTS had a very serious near miss incident this month. TPC was lowering a strut into the hole. When it was over the hole, the strut moved and severely tilted. When that occurred, it slid down. When the end brackets on the strut can in contact with the wire choker, it cut the sire choker and fell about 80 feet. No one was hurt and there was damage to one of the excavation machines. One of the struts in place was glanced by the falling strut. TPC held a safety stand down and has put the entire project staff through a rigging course. New "gator" rigging equipment was purchased and put into place along with making sure that softeners were also available.

Table 1300 Stations Construction Safety Record

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

Next Month Look Ahead

1300 Contract

1. AT CTS, Frontier-Kemper (FK) continues with the excavation of the barrel vault. Ventilation clarifications are still being worked on to ensure good ventilation exists.

Program Safety & Security - continued

- At UMS, the roof work is done except for the three openings needed for access and lowering equipment and materials into the hole. Struts and walers are being installed. Excavation will take place after Bencorp is done working underground on compensation grouting.
- 3. AT YBM, work continues in the head house and concourse levels.
- 4. At STS, work continues in the tunnels. They have reached the UMS station. TPC is trying to accelerate this work and we will be watching this closely. In addition, Valverde is on the process of opening a large jacking pit to install the 78 inch pipe. We will be watching this closely to ensure proper barricades are in place.

Project Safety Record - Contract 1300

SAFETY GOALS

Through Month End - July 2016

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

JOB TO DATE	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	4	1	5	0.80
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
Total Project Incidents	4	1	5	0.80
Man Hours Worked Through M/E July 2016	592,930	650,237	1,243,167	

YEAR TO DATE (Month ,Day, Year to Month, Day, Year)	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	0	1	1	0.55
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
Total Project Incidents	0	0	1	0.55
Man Hours Worked Through M/E July 2016	191,215	173,392	364,606	

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

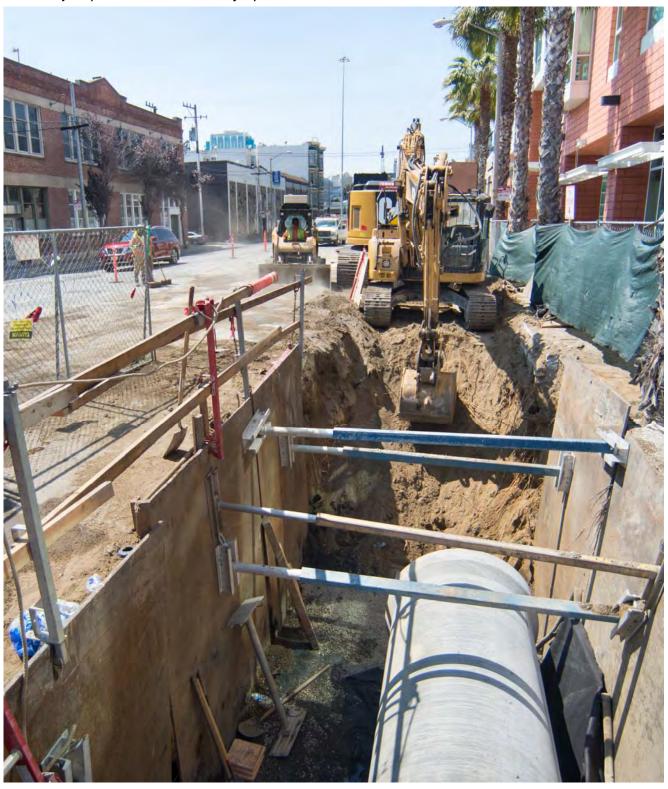
OSHA Recordable Accidents - 2008 Construction Industry Rate for Highway, Street, and Bridge Construction = 3.9

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

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

Technical Capacity

No Project positions are currently open or unfilled.



One of two new sewer lines can be seen being installed on the east side of 4th, ahead of the installation of the trackbed for the surface portion of the alignment.

Staffing

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

	May-2016		Jun-2016		Jul-2016	
	Planned	Actual	Planned	Actual	Planned	Actual
Project Management						
Program Management	6.60	6.00	6.60	6.00	6.60	6.00
Quality Assurance	1.80	2.30	1.80	2.30	1.80	2.30
Contract Administration	1.40	1.40	1.40	1.40	1.40	1.40
Community Outreach	5.50	4.50	5.50	4.00	5.50	4.00
Finance	2.00	2.00	2.00	2.00	2.00	2.00
Project Controls	4.80	5.80	4.80	6.30	4.80	6.30
Subtotal	22.10	22.00	22.10	22.00	22.10	22.00
Construction Management						
CM - CN 1252	1.00	1.00	1.00	1.00	1.00	1.00
CM - CN 1300	30.00	31.00	30.00	31.00	29.98	30.98
Design Support - CN 1252	0.00	0.00	0.00	0.00	0.00	0.00
Design Support - CN 1300	12.40	12.40	12.40	12.40	12.40	12.40
Subtotal	43.40	44.40	43.40	44.40	43.38	44.38
Start Up						
Start Up / Safety & Security	3.00	2.10	3.00	2.10	3.00	2.10
Subtotal	3.00	2.10	3.00	2.10	3.00	2.10
Total	68.50	68.50	68.50	68.50	68.48	68.48

Third-Party Agreements

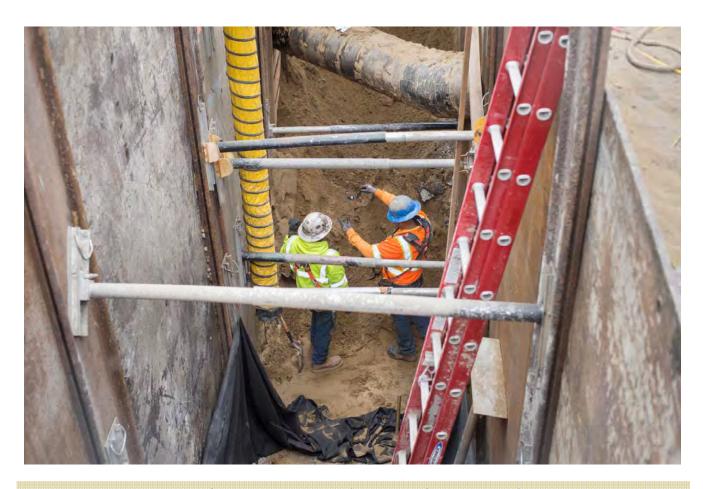
No activity in this reporting month.

LRV Procurement

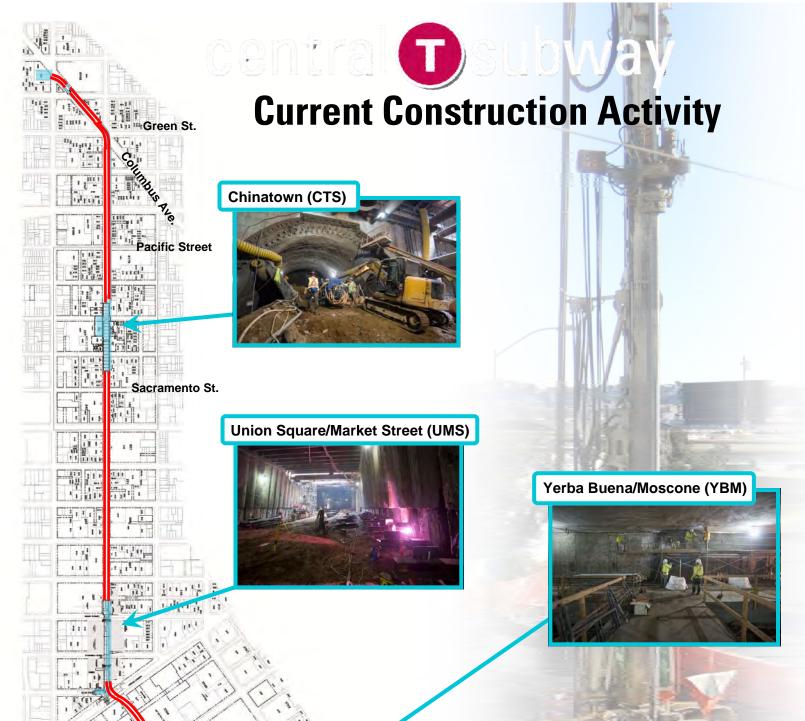
SFMTA has initiated a new light rail vehicle procurement to acquire up to 260 vehicles over the next 15 years. The scope includes the design, manufacture, delivery and testing of up to 260 light rail vehicles together with associated services, spare parts, special tools, training and documentation. This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

First Article Inspection for brakes was conducted this month.

Production of the first four cars is underway; the first vehicle is in final assembly being prepared for testing, the second car structure is complete and is in finishing, and the third and fourth car structure is being completed.



Two men look over the site at the bottom of a trench just south of Howard on 4th, where a sewer force main is being installed.



4th St. Surface Track, Systems (STS)



8,500 feet of tunnel alignment completed June 2014.
2,000 feet of surface alignment to be completed.

CTS

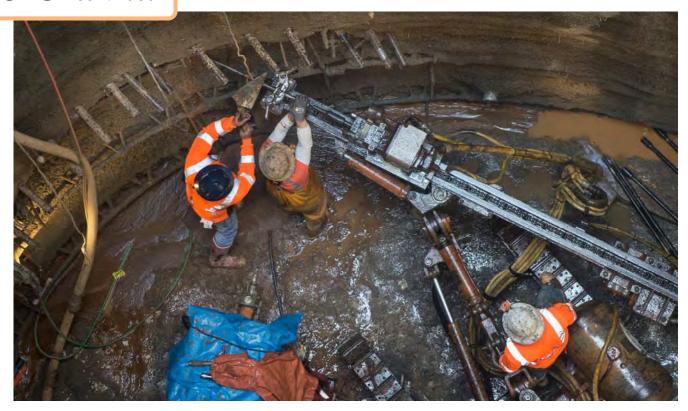


A shotcrete spraying machine is slowly brought out of the top heading of the SEM excavation work for the future station cavern entrance archway.

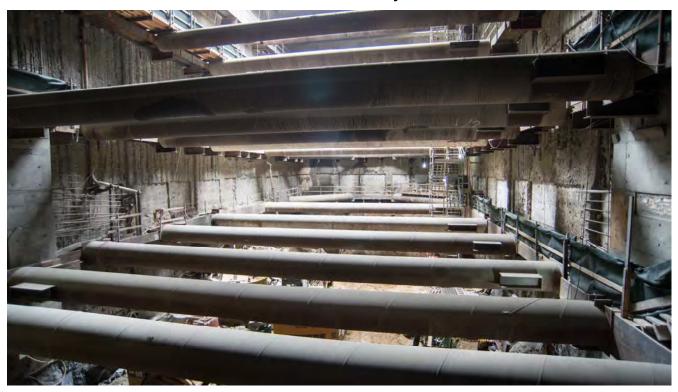


A crane operator unloads the large steel bucket used to remove excavated material from inside the station headhouse, as a dump truck waits in the background to be loaded.

CTS—continued



Workers drill trough the shotcrete walls at the bottom of the north access shaft south of Jackson, to improve soil conditions ahead of excavating a lateral tunnel which will connect the shaft with the eventual station cavern nearby.



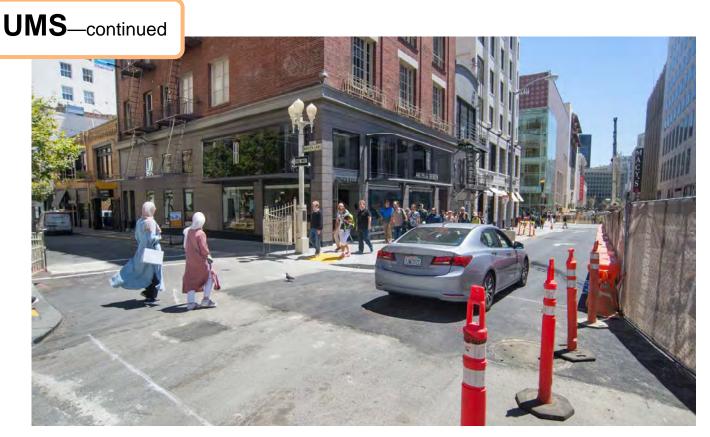
Long steel tubes called struts span across the headhouse at intervals, supporting the exterior walls against the pressure of soil.



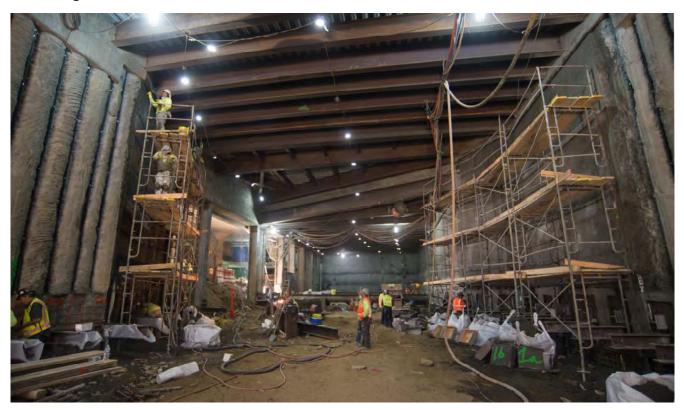
Looking north halfway between Geary and o'Farrell, a welder attaches steel brackets to the outer walls of the station.



A worker looks down on corrugated steel panels being installed as part of construction of a new section of station roof decking, with a live utility duct bank spanning above, suspended from a steel truss system.

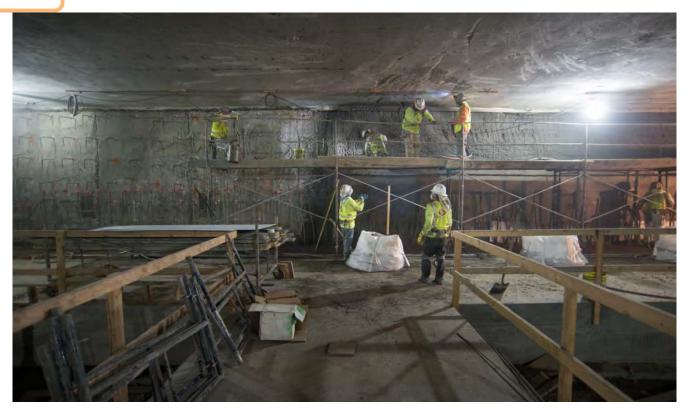


A single lane on Stockton between Maiden Lane and Geary has been reopened to traffic following the restoration of the east side of the street and sidewalk.



Scaffolding has been erected to help workers build smooth reinforced concrete wall surfaces inside the north concourse.

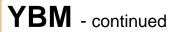
YBM



Workers prepare the outer walls of the station box for installation of rebar, shotcrete, and waterproofing, ahead of building a smooth "finish" wall.



A large forklift moves cribbing materials at the north end of the station box, where work to clear out temporary reinforcing is almost finished.

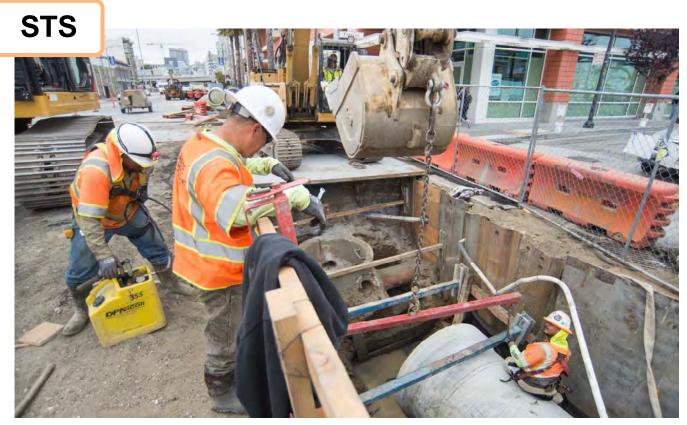




A utility trench spans the east side of 4th south of Howard, where utilities are being installed.



Two workers carefully thread steel cabling around a large beam prior to lifting it into the station headhouse site.

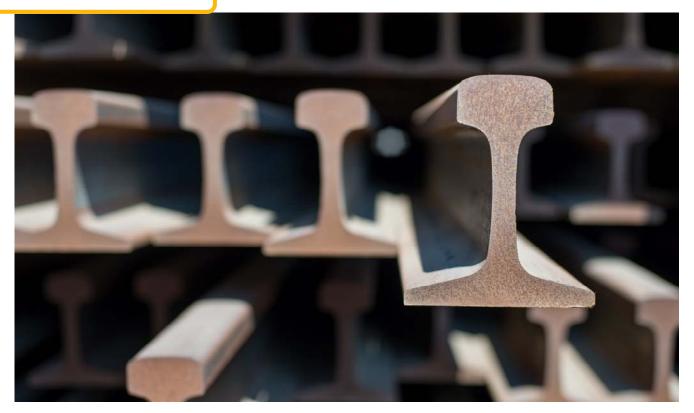


Workers lower equipment into a trench being excavated at 4th and Freelon, where two sewer lines are being installed.



Steel plates cover a portion of the utility trench dug across the entrance to Freelon Alley, where workers are installing new sewer lines.

STS—Continued



A single rail juts beyond the others in a storage yard west of the tunnel portal site, where materials for the installation of tunnel systems and infrastructure are being stored.



Looking south inside the northbound tunnel, north of the Union Square area, where the tunnel invert is being built.



Appendix A DETAIL COST REPORTS

1. PROJECT COST

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

Total net incurred costs for the project are \$963.51 million, a \$8.42 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$925.29 million) plus the utilities joint trench Form B Reimbursement payment (\$10.98 million), invoices currently being processed (\$20.65 million) and estimates of outstanding pay requests (\$6.60 million). This incurred amount equals 61.05% of the total project budget of \$1.578 billion.

The current funding level to date is \$1,179.79 million. This represents 75% of the total project budget.

		PP PERIOD	PROG PYMT
CONTRACT	PP NO	то	AMOUNT
CS155.1	52	3/31/2014	\$ 26,671.53
CS155.1	53	4/30/2014	\$ 19,500.26
CS155.1	54	5/31/2014	\$ 29,166.76
CS155.1	55	6/30/2014	\$ 22,666.39
CS155.1	56	7/31/2014	\$ 36,602.38
CS155.1	57	8/31/2014	\$ 40,273.52
CS155.1	58	9/30/2014	\$ 37,269.95
CS155.1	59	10/31/2014	\$ 30,018.32
CS155.1	60	11/30/2014	\$ 20,183.22
CS155.1	61	12/31/2014	\$ 18,828.97
CS155.1	62	1/31/2015	\$ 19,921.99
CS155.1	63	2/28/2015	\$ 19,921.99
CS155.1	64	3/31/2015	\$ 15,554.73
CS155.1	65	4/30/2015	\$ 15,550.60
CS155.1*	66	5/31/2015	\$ 2,121.00
CS155.1*	67	6/30/2015	\$ 1,180.00
CS155.1*	68	7/31/2015	\$ 7,137.00
CS155.1*	69	8/31/2015	\$ 1,805.00
CS155.1*	70	9/30/2015	\$ 1,583.00
CS155.1*	71	10/31/2015	\$ 3,186.00
CS155.1*	72	11/30/2015	\$ 203.00
CS155.1*	73	12/31/2015	\$ 7,695.00
CS155.1*	74	1/31/2016	\$ 12,080.00
CS155.1*	75	2/29/2016	\$ 874.00
CS155.1*	76	3/31/2016	\$ 326.00
CS155.1*	77	4/30/2016	\$ 246.00
CS155.1*	78	5/31/2016	\$ 1,843.00
CS155.1*	79	6/30/2016	\$ 22,238.00
CS155.1*	80	7/31/2016	\$ 21,969.00
CS155.2*	70	12/31/2015	\$ 240,756.00
CS155.2*	71	1/31/2016	\$ 172,443.00
CS155.2*	72	2/29/2016	\$ 192,843.00

		PP PERIOD	PROG PYMT
CONTRACT	PP NO	то	AMOUNT
CS155.2*	73	3/31/2016	\$ 219,279.00
CS155.2*	74	4/30/2016	\$ 360,535.00
CS155.2*	75	5/31/2016	\$ 414,983.06
CS155.2*	76	6/30/2016	\$ 538,750.00
CS155.2*	77	7/31/2016	\$ 375,543.00
CS155.3	66	9/30/2015	\$ 139,453.10
CS155.3	67	10/31/2015	\$ 119,805.68
CS155.3	68	11/30/2015	\$ 216,568.55
CS155.3	69	12/31/2015	\$ 122,025.20
CS155.3	70	1/31/2016	\$ 110,249.51
CS155.3	71	2/29/2016	\$ 99,146.17
CS155.3	72	3/31/2016	\$ 163,760.53
CS155.3	73	4/30/2016	\$ 119,901.00
CS155.3	74	5/31/2016	\$ 120,270.46
CS155.3*	75	6/30/2016	\$ 161,864.82
CS155.3*	76	7/31/2016	\$ 94,728.99
Contract 1252	40	7/31/2016	\$ 510,008.61
Contract 1300	30	6/30/2016	\$ 11,293,900.00
Contract 1300	31	7/31/2016	\$ 6,844,330.00
CS149	85	2/29/2016	\$ 436,870.78
CS149*	86	3/31/2016	\$ 500,000.00
CS149*	87	4/30/2016	\$ 500,000.00
CS149*	88	5/31/2016	\$ 500,000.00
CS149*	89	6/30/2016	\$ 500,000.00
CS149*	90	7/31/2016	\$ 500,000.00
CS156.1	62	1/31/2016	\$ 69,495.55
CS156.1	63	2/29/2016	\$ 71,513.25
CS156.1	64	3/31/2016	\$ 80,926.04
CS156.1	65	4/30/2016	\$ 75,658.01
CS156.1*	66	5/31/2016	\$ 73,400.47
CS156.1*	67	6/30/2016	\$ 61,772.44
CS156.1*	68	7/31/2016	\$ 66,879.52
other accruals*		7/31/2016	\$ 739,354.72

^{*} Estimated Amount

\$ 27,241,826.16

2. CONTINGENCY ALLOCATIONS AND USAGE

The current Total Project Contingency is **\$79.73 million**, which is a \$19.73 million favorable balance against the current Minimum Contingency level of \$60 million. The Contingency Drawdown Curve is shown in Report 7.3. Follows by Report 7.4 Contingency Management Trend Report with the Remaining Contingency after Approved Changes Deducted contingency items in column "i".

In this reporting period, Contract 1252 Tunnel processed one contract modification as a credit offset in the amount of \$15,259. Contract 1300 Station processed two contract



modifications in the amount of \$97,743. Refer to Report 7.5 for approved contract modifications and potential changes.

3. BUDGET TRANSFERS

No budget transfers in this reporting period.

4. <u>FORM B</u>

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 \$10.98 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			1.3.081.07.040.02 - 1UTL:SITEWORK:
UTILITY REIMBURSEMENT	(2,275,419)	2,463,325	UTILITIES & RELOC
1.3.491.08.040.02 - FORM B - CN1251			1.3.082.08.040.02 -
UTILITY REIMBURSEMENT	(7,618,412)	3,608,217	2UTL:SITEWORK:UTILITIES&RELOCATE
1.3.491.02.040.02 - FORM B - CN1252			1.3.083.02.040.02 - TUNN:Sitework:Utilities &
UTILITY REIMBURSEMENT	(254,050)	4,256,660	Relocate
1.3.491.04.040.02 - FORM B - CTS: CN1300			
UTILITY REIMBURSEMENT	(451,703)		
1.3.491.09.040.02 - FORM B - STS: CN1300			
UTILITY REIMBURSEMENT	(1,000,000)		
1.3.491.03.040.02 - FORM B - UMS:			1.3.084.03.040.02 - UMS.1253: SITE
CN1300 UTILITY REIMBURSEMENT	(528,370)	428,712	UTILITIES, UTILITY RELOCA
1.3.491.05.040.02 - FORM B - YBM:			1.3.086.05.040.02 - YBM.1255: SITE
CN1300 UTILITY REIMBURSEMENT	(100,000)	221,203	UTILITIES, UTILITY RELOCA
TOTAL	(12,227,954)	10,978,116	

5. EARNED VALUE (EV) ANALYSIS

In July 2016 Report, the Preliminary Earned Value Analysis reports is based on the SFMTA July Schedule Update. The Planned Value, Earned Value, Actual Cost, Percent Complete and resulting indexes as follows:

Preliminary July Earned Value

Overall Budgeted Cost:	\$1,578,300,000
Planned Value:	\$1,236,846,676
Earned Value:	\$963,873,116
Actual Cost:	\$963,514,541
Schedule Performance Index (SPI):	0.78
Cost Performance Index (CPI):	1.00
Percent Complete:	61.0%

SFMTA, EV Chart JULY 2016 Update

Activity ID	AdMy Name	Start	Finish	Performance % Complete	Budgeted Total Cost.	Planned Value Cost (PV)	Earned Value Cost (EV) Adual Total Cost (AC)	Actual Total Cost (AC)	CPI	몺
CENTRAL SUBWAY PROJECT	VAY PROJECT	D6/03/03 A	07/29/21	61.01%	1,578,300,000	1,236,846,676	963,873,116	963,514,541	1.00	0.78
Preliminary Engineering Phase	neering Phase	06/03/03 A	01/07/10 A	4004	46,542,061	46,542,061	46,542,061	46,542,061	1.00	1,00
Final Design		01/08/10 A	06/17/13 A	100%	115,075,987	115,075,987	115,075,987	114,307,465	101	1.00
Light Rail Vehicles	ý.	04/15/13 A	01/15/19	8.25%	26,385,653	2,177,132	2,177,132	2,147,824	101	1.00
Real Estate		08/01/08 A	07726/16	80.31%	37,405,895	33,823,306	30,041,759	30,618,019	0.98	0.89
Construction Phase	92	01/03/10 A	08/20/19	57.26%	1,328,140,481	1,039,228,191	770,036,177	769,899,173	1.00	0.74
Construction Support and Costs	pport and Costs	01/03/10 A	08/20/19	46.78%	199,862,849	97,440,621	93,486,004	104,324,545	0.90	96.0
Construction Util	Construction Utility Contract #1- MOS & Portal CN-1250	01/04/10 A	05/23/11 A	100%	11,968,150	11,968,150	11,968,150	11,968,150	1.00	1,00
Construction Util	Construction Utility Contract #2 - UMS CN-1251	01/12/11 A	10/15/12 A	100%	20,794,582	20,794,582	20,794,582	20,794,582	1,00	1.00
Construction Tunnels CN-1252	mels CN-1252	06/08/11 A	07/27/16	93,05%	235,913,500	251,069,401	233,608,894	233,793,899	1.00	0.93
Construction CN-1300	H300	06/03/13 A	05/12/19	47.63%	859,601,400	657,955,437	410,178,547	399,017,997	1.03	0.62
Unallocated Contingency	lingency	02/11/19	07/25/19	%0	24,749,923	0	0	0	000	0.00
Project Management	ient	07/25/19	07/29/21	%0	0	0	0	0	000	0.00

The preliminary Contract 1300 cost shows Earned Value Cost \$11M higher than Actual Cost.

Earned Value Analysis and Definitions

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

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

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

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

6. FUNDING SUMMARY

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

Funding Available Table		
	Fund	ding
	Committed Funding Sources	Total Awarded Funds to Date
Federal		
Sect. 5309-NS	\$942,200	\$619,196
CMAQ	\$41,025	\$41,025
Federal Subtotal	\$983,225	\$660,221
State		
TCRP	\$14,000	\$14,000
State RIP	\$88,000	\$12,498
Prop. 1B (I-Bond) PTIMSE	\$307,792	\$307,792
Prop. 1A (HSR-Bond)	\$61,308	\$61,308
State Subtotal	\$471,100	\$395,598
Local		
Prop. K	\$123,975	\$123,975
Local Subtotal	\$123,975	\$123,975
CPT 544 Total	\$1,578,300	\$1,179,794

7. LIST OF COST REPORTS

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

A. Centra	l Subwa [,]	y Project
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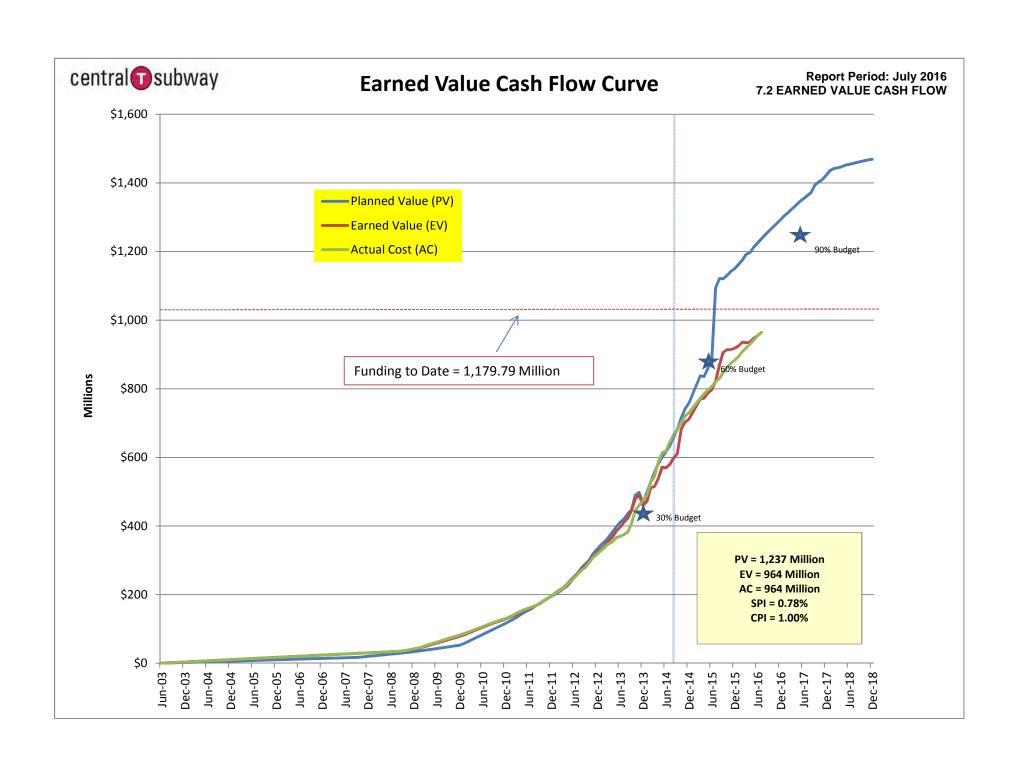
								Cost Report
	Project	Name		Amount	PM	Funding Source	Reporting	Notes
1	CPT544	Central Subway Project		\$1,578,300,000	J. Funghi	62% Fed, 30% State, 8% Local	yes	1
			Total:	\$1,578,300,000	_			

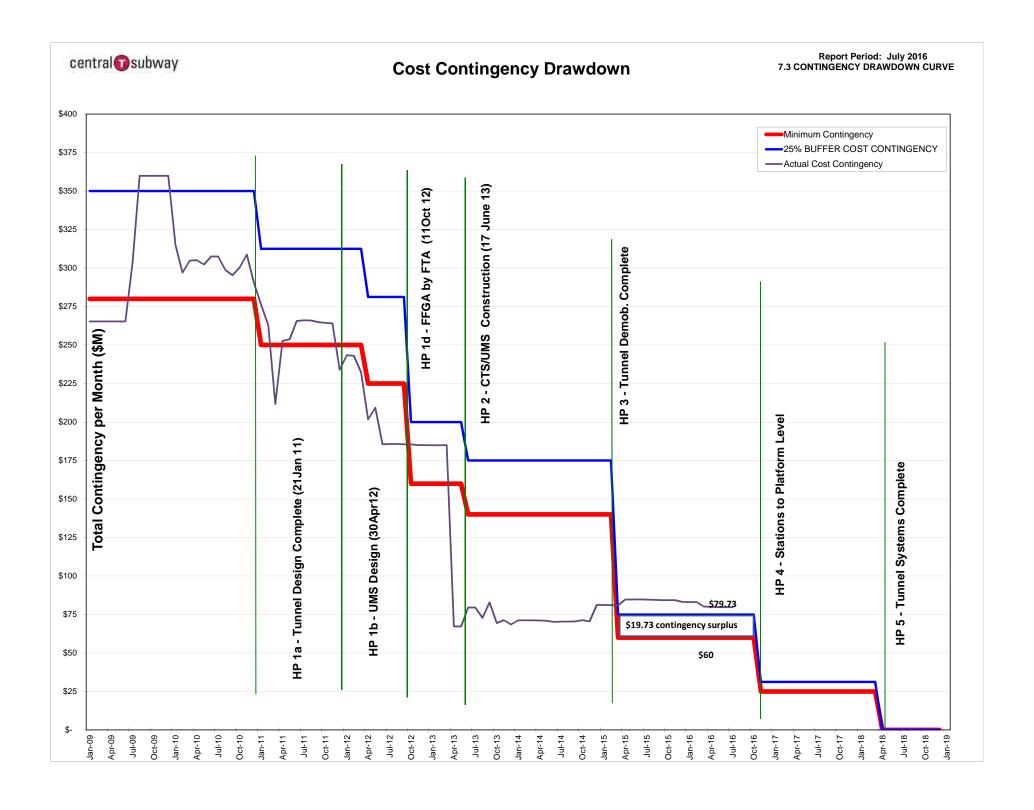
B. Related SFMTA Capital Improvement Projects

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

C. Central Subway Project - Project Offset Credits

	From	Amount	Index	Notes	Reporting	
1	2009-2016 Utility Co Form B Reimbursement	\$12,227,954		Construction contracts	yes	6
2	2017-2019 PG&E - Power Feed Reimbursement	\$7,624,540		Not yet bill PG&E	yes	7
3	6/26/2013 BART Elevator	\$90,000	68CPT544135B	Not yet rec'd BART Funds	yes	8
4	11/6/2013 Tutor Perini - CAD Files	\$2,500	68CPT5441236	Deposit to Design Index	yes	9
5	1/27/2014 SFPUC - Sewer Main	\$2,925,296	68W251	Certified in Contract 1300	yes	10
6	8/27/2014 SFMTA Traffic Effectiveness Project funded	\$694,651	68W324/686D42	Contract 1252 CMod #40	yes	11
7	9/27/2014 SFPUC - 24" Water Main	\$328,857	68CPT544135A	Contract 1252 CMod #41	yes	12
8	2/15/2015 Chinatown Plaza Construction Estimate	\$75,000	68CPT7181341	Contract 1300 CMod #6	yes	13
9	3/27/2015 SFPUC - 24" Water Main Additional Work	\$112,102	68W409	Contract 1252 CMod #48	yes	14
10	3/15/2016 Support for North Beach Restoration, OCS and Streetlighting	\$155,468	68T7373342D2/D3	Contract 1252 CMod #51	yes	14a
	Total:	\$24,236,368	_			







			(CONTRACT COST					CONTINGENCY			BUDGET	VARIANCE	
	COST ELEMENT	ORIGINAL CONTRACT VALUE / September 2013 SUPPLEMENTAL BUDGET	APPROVED CHANGES	CURRENT CONTRACT VALUE	POTENTIAL CHANGES	ESTIMATE AT COMPLETION (EAC)	ORIGINAL CONTINGENCY / Sep 2013 SUPPLE- MENTAL CONTINGENCY (Exclude CN 1250 & CN1251)	CONTINGENCY ADJUSTMENT TRANSFERS	REVISED AUTHORIZED CONTINGENCY (Exclude CN1250 & CN1251)	REMAINING CONTINGENCY AFTER APPROVED CHANGES DEDUCTED	REMAINING CONTINGENCY AFTER POTENTIAL CHANGES DEDUCTED [i - d]	ORIGINAL CONTRACT VALUE + REVISED AUTHORIZED CONTINGENCY	BUDGET - ESTIMATE AT COMPLETE	Cost Report Notes
				[a + b]		[c + d]				[h - b]		[a + h]	[j - e]	
		а	b	С	d	е	f	g	h	i	j	j	k	
	50 CONSTRUCTION CONTRACT PA													
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		15
	Contract 1250 Department of Technology	166,756		166,756		166,756						166,756		
1251	UTILITY RELOCATION PACKAGE #2	16,832,550	3,962,032	20,794,582		20,794,582	5,367,297	(1,405,265)	3,962,032			20,794,582		16
	Contract 1251 Department of Technology	75,615		75,615		75,615						75,615		
1252	GUIDEWAY TUNNEL	233,584,015	1,814,428	235,398,443	170,654	235,569,097	23,658,464	(21,328,979)	2,329,485	515,057	344,403	235,913,500	344,403	17
1300	STATIONS	839,676,400	3,357,419	843,033,819	21,337,391	864,371,210	20,000,000		19,925,000	16,567,581	(4,769,810)	859,601,400	(4,769,810)) 18
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	191,294	294,221,884	13,508,599	307,730,483	5,000,000		5,000,000	4,808,706	(8,699,893)	299,030,590	(8,699,893))
	1254 CHINA TOWN STATION [CTS]	247,567,810	2,775,201	250,343,011	3,346,233	253,689,244	5,000,000	(75,000)	4,925,000	2,149,799	(1,196,434)	252,492,810	(1,196,434	19
	1255 YERBA BUENA/ MOSCONE STATION [YBM]	158,089,000	(1,073,031)	157,015,969	3,536,421	160,552,390	5,000,000		5,000,000	6,073,031	2,536,610	163,089,000	2,536,610	,
	1256 SURFACE TRACKWORK & SYSTEMS (STS)	139,989,000	1,463,954	141,452,954	946,139	142,399,093	5,000,000		5,000,000	3,536,046	2,589,907	144,989,000	2,589,907	
OTHER		31,233,501		31,233,501	0	31,233,501	1,160,000		1,160,000	1,160,000	1,160,000	32,393,501	1,160,000	,
	SCC 10 - 50 Construction Sub-total	1,130,842,776	11,828,089	1,142,670,865	21,508,045	1,164,178,910	44,818,464	(21,403,979)	23,414,485	18,242,638	(3,265,407)	1,160,913,503	(3,265,407)
SCC 60-	80 SOFT COSTS PACKAGES													
60	ROW, LAND, EXISTING IMPROVEMENTS	36,511,799	(4,265,478)	32,246,321		32,246,321	1,000,000	4,265,478	1,000,000	5,265,478	5,265,478	37,511,799	5,265,478	20
70	VEHICLES	24,108,712	(10,799,712)	13,309,000		13,309,000	2,276,941	10,799,712	13,076,653	13,076,653	13,076,653	26,385,653	13,076,653	21
80	PROFESSIONAL SERVICES	310,518,041		310,518,041		310,518,041	18,221,079		18,221,079	18,221,079	18,221,079	328,739,120	18,221,079	,
	SCC 60 - 80 Construction Sub-total	371,138,552	(15,065,190)	356,073,362		356,073,362	21,498,020	15,065,190	32,297,732	36,563,210	36,563,210	392,636,572	36,563,210	
SCC 90	UNALLOCATED CONTINGENCY						3,845,945	21,134,447	24,980,392	24,749,924	24,749,924	24,749,924	24,749,924	22
TOTAL		1,501,981,328	(3,237,101)	1,498,744,227	21,508,045	1,520,252,272	70,162,429	14,795,658	80,692,609	79,555,772	58,047,727	1,578,299,999	58,047,727	

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



Contract Modification/Trend Log - Contract 1252 Tunnel

Awarded NTE Amount: \$233,584,015.00 Revised NTE Amount \$235,398,442.67 Substantial Completion: 4/15/2015 Revised Substantial Completion 4/15/2015

Contra	ct Modifications		Amount	
No.	Description	COR/PCC No.	CMod	Contract NTE
1	Amendment of Insurance Requirements	n/a	\$0.00	\$233,584,015.00
2	Amendment of General Liability Insurance Requirements	n/a	(\$3,040,713.00)	\$230,543,302.00
3	Relocation of PG&E Ductbank & Removal/Reinstall TODCO Scaffolding	CORs 10 & 29	\$6,633.37	\$230,549,935.37
4	Investigate 48" Pipe at UMS S. Headwall	PCC 9	\$75,000.00	\$230,624,935.37
5	LB/MOS Oil Filled Pipe Abatement and MOS Asbestos Pipe Abatement	CORs 7, 22 & 27	\$23,912.54	\$230,648,847.91
6	Arch. Support at MOS Station N. Headwall	COR 12	\$16,892.96	\$230,665,740.87
7	Revisions to MOS N. Headwall Elevation	PCC 1	\$20,358.23	\$230,686,099.10
8	UMS Reduced Duration	COR 21	\$0.00	\$230,686,099.10
9	48" Pipe Investigation and Removal at the UMS Headwalls	PCC 11	\$150,000.00	\$230,836,099.10
10	PG&E Impacts to Launch Box and Flagger	CORs 6 & 41	\$8,618.96	\$230,844,718.06
11	Bart Annex Wall	PCC 7	\$15,500.00	\$230,860,218.06
12	LB - Concrete Manhole and Slurry Pipe Removal	COR 38	\$3,820.84	\$230,864,038.90
42		CORs 31, 47, 50,	¢0.000.04	6220.072.046.04
13	trieval Shaft - Pipe/Duct Bank Removal	58, 66	\$9,908.04	\$230,873,946.94
14	MOS - 16"Pipe Removal @ N/S Headwalls	CORs 39, 44	\$4,551.99	\$230,878,498.93
15	MOS - S. Headwall Asbestos Pipe Abatement	COR 26	\$27,629.64	\$230,906,128.57
16	UMS Utility Removal/Construct Wall	CORs 46, 48, 68	\$21,150.28	\$230,927,278.85
17	MOS – 16" Steel Pipe Removal at N/S Headwalls/Enlarge Tie-In Hole	CORs 73, 76, 81	\$5,056.63	\$230,932,335.48
18	SFWD Support Work	PCC 13	\$20,000.00	\$230,952,335.48
19	Additional BART Instrumentation	PCC 6	\$307,860.75	\$231,260,196.23
20	Relocation of Retrieval Shaft	PCC 10	\$5,150,000	funded by CPT690
21	Columbus Ave. Restoration	NA	\$261,057.00	\$231,521,253.23
22	LB - Jet Grout Quantity Overrun	COR 070	\$599,900.00	\$232,121,153.23
23	Old Navy - Comp. Grout DSCs	COR 079	\$259,373.00	\$232,380,526.23
24	SFWD Excavation, Support and Backfilling	PCC 13	\$13,982.00	\$232,394,508.23
25	Cross Passage 5 - VECP	COR 087	(\$2,674.00)	\$232,391,834.23
26		CORs 9, 24, 37,		
26	Various CORs	45, 51, 61, 71, 77, 83, 99	\$73,700.00	\$232,465,534.23



Conne	cting people. Connecting communities.			
27	MOS – Reroute traffic signal lines / Equipment Standby	CORs 11, 17	\$80,719.00	\$232,546,253.23
28	PCC 12 - Comp.Grout Mtls., Accel. at R. Shaft, Haz. Mtls @ R.Shaft, Obst. at CSM panel W6 (NTE Amount CMod)	FA COs 006, 007, 008, 009	\$81,937.00	\$232,628,190.23
29	AWSS Conflict with Water Line, AWSS Restraining at Launch Box, AT&T Vault Conflict with Sewer Main	COR 1, 2, 3	\$73,045.00	\$232,701,235.23
30	MOS Headwall End-stops	COR 018	\$144,000.00	\$232,845,235.23
31	Launch Box - Slurry Wall Obstructions	COR 32, 34, 42, 43, 62, 65, 67	\$234,438.00	\$233,079,673.23
32	COR 8 + Markup - Associated w/ COR 001, COR 002, and COR 003	COR 1, 2, 3, 8	\$168,000.00	\$233,247,673.23
33	LB - Pre-Excavation for Slurry Walls	COR 015	\$125,000.00	\$233,372,673.23
34	Modifications to Tunnel Alignment at Market Street - Initial Design Costs	PCC 012 Part 1	\$39,930.00	\$233,412,603.23
35	Deleted AWSS Work at Union St. and Columbus Ave.	PCC 015	(\$187,181.00)	\$233,225,422.23
36	Curb Ramp Work at NE Corner of 4th and Harrison Streets (Force Account)	FA CO 011	\$5,023.00	\$233,230,445.23
37	Staging Yard Hazardous Material	COR 30, 54, 75	\$401,933.00	\$233,632,378.23
38	Modifications to AWSS Facilities at 4th and Bryant Streets	PCC 014	\$35,925.00	\$233,668,303.23
39	MOS N. Headwall Impacts, LB – Jet Grout Overrun	COR 85, 70	\$240,333.00	\$233,908,636.23
40	Culvert, Street & Sidewalk Restoration in N.Beach (includes QC testing)	PCC 20	\$694,651.00	funded by TEP
41	Install Water Main in North Beach	PCC 20	\$328,860.00	funded by SFPUC
42	UMS - Shoring Impacts due to 48" ATT Pipe at SW Headwall	COR 069	\$29,463.00	\$233,938,099.23
43	UMS Tangent Pile SRB-H DSC, UMS Jet Grout Column No. 18 DSC	COR 096, COR 102	\$60,870.00	\$233,998,969.23
44	Subcontractor Substitution	NA	\$0.00	\$233,998,969.23
45	Modifications to Tunnel Alignment - Construction Costs	PCC 12	\$883,693.00	\$234,882,662.23
46	MOS 20" Conflict with 16" AWSS @ South Headwall	COR 082	\$28,160.00	\$234,910,822.23
47	CDF Encasement on 42" RCP	COR 005	\$95,000.00	\$235,005,822.23
48	North Beach Water Main Additional Work	PCC 20	\$112,102.20	funded by SFPUC
49	Various CORS and FACOS; FACO 13-15, 17-19; COR 116, 118-121	FACO 13-15, 17- 19; COR 116, 118- 121	\$180,010.41	\$235,185,832.64
50	Contract Milestone Changes		\$0.00	\$235,185,832.64
51	PCC 020 - Supp 1 - North Beach Restoration, OCS and Streetlighting		\$155,468.17	funded by TEP
52	PCC 19 - Piping, Conduit and Casing at 4th Street Portal		\$11,678.00	\$235,197,510.64
53	COR 117 - Retrieval Shaft Impacts		\$30,278.08	\$235,227,788.72
54	Material Hardness at the Retrieval Shaft		\$166,182.81	\$235,393,971.53
55	PCC 020 - Supp 2 - North Beach Sewer Work		\$19,730.14	\$235,413,701.67
56	Deleted Water Utility Replacement/Water, Sewer, MRY and AWSS Design Changes	PCC 24, 28	(\$15,259.00)	\$235,398,442.67
	Sub Total:		\$1,814,427.67	

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



Contract Modification/Trend Log - Contract 1300 Stations

	UMS	стѕ	YBM	STS	COST REPORT
Potential Changes	13,508,599	3,346,233	3,536,421	946,139	26
Forecasted - Trends	3,756,673		565,113	213,829	
Negotiation					
Change of date range to receive art	(10,001)				
UMS Geoprobe Credit	(15,600)				
UMS Powell St. Elevator Site Hazmat	16,028				
STS Traffic Signal and SL Changes				298,307	
STS Comm and Elec Cabinets Relocati				67,221	
YBM Delete Instrument & Monitoring			(50,195)	,	
STS - OCS Pole Changes				12,706	
UMS - PCC 027 (Escalator Barricade)	(9,227)				
CTS-FACO#39- Soil Testing cmply OAB	, , ,	5,478			
UMS-FACO #32 8" Waterline Conf NDSC	75,291	•			
UMS FACO #31 NDSC Incomplete PGE DB	165,944				
UMS-FACO #25 OCS Pole@ Market/Ellis	3,349				
UMS-FACO #19 Street Light at Stock.	2,361				
STS-FACO #48 Work Related St Lght				2,051	
UMS FACO #34 Becho Obstruct J Piles	7,435			,	
UMS FACO #45 Blocked Stubs PG&E	7,500				
UMS Transfer Instru BART Facilities	10,165				
CTS-PCC40 Plaza Surface Slab Pntrtn	'	5,525			
YBM PCC 41 Install #7 Box Clementin		•	38,501		
UMS Sewer Line Conflict	744,465		•		
UMS MRY Duct Bank-East Conflict	41,038				
UMS - PCC #039 (12" WL Relocate)	335,468				
STS COR 98 DSC MRY MH Conf w N CB				10,001	
USG COR 227 Plaza Lvl. Sequence	200,001			,	
USG COR 261 8" Wall at Grid 11B	5,632				
UMS COR 250 Macy's DSC	75,001				
USG COR 274 Shear Wall at Grid 10	68,945				
USG COR 276 Escalator #1	10,001				
STS - Deletion of ARS (Revision 1)	'			(4,689,000)	
YBM COR 63 Buried objects in P-86			24,648	, , , , , , , ,	
STS COR 100 DSC Zayo PVC Conf w SW			,	80,082	
STS COR 210 WD pit size increase				21,988	
CTS COR 085 Addl FACO 10 Costs		13,267		,	
CTS PCC 001 Delete DB on Stockton		(84,018)			
2.2. 00 00. 20.00 BB 011 010011011	1	(01,010)			



Contract Modification/Trend Log - Contract 1300 Stations

STS COR #92 PG&E Vault Conf 1:	2 AWSS	UMS	стѕ	YBM	STS 78,074	COST REPORT NOTES
UMS - PCC #29 (Concrete Wale S		41,424			70,074	
YBM COR 086 Side SW lat util cor	,	11,121		78,296		
CTS COR 041 FACO #4 JT Unid. (28,026	70,200		
CTS COR 040 FACO 002 Connect			16,936			
YBM COR 49 Buried timber piles	(2) 22		10,000	88,230		
CTS-COR#201 Swr Line & Station	Roof		46,046	00,200		
YBM COR 115 C1250 unencased			10,010	9,843		
STS-COR #84 Sewer Cleaning and				0,010	3,598	
STS COR 272 Pier AWSS Conflict					24,287	
STS COR 258 WD/PVC Conflict					87,511	
STS COR 211 SW conf AWSS 4th	/Freelo				4,561	
STS COR #229 Multi E Util Conf w					8,284	
UMS COR 232 S.Walk Hatches RF		744			-,	
STS COR #88 Modify CBs and Cul					4,395	
STS COR 101 Cleaning for non-78					58,906	
STS COR 113 DSC PVC Conduit/\					11,997	
STS COR 164 DSC 8" AWSS Lat 0	Conf 78				5,750	
STS COR #187 DB Conf w N 12 W	/ater				37,012	
CTS COR 231 Sidewalk Hatches			9,917			
STS COR #241 2-In WD Line w Of	fset				5,386	
STS COR 254 DSC 4" Confl w 36"	FM				25,197	
STS COR 290 E CB PVC Confl WI	D AWSS				3,329	
STS COR #296 Mult E Util Confl A	WSS				44,610	
UMS COR 301 Concr. Overpour ar	nd PVC	14,792				
UMS Remove Fire Hose Valve		2,016				
UMS - DCW and Hose Bibbs		29,159				
CTS PCC 061 Escalator Pit Provisi	ion		46,809			
STS PCC 063 Del ATT/TSIC/PGE	-				(36,495)	
UMS COR 259 Lead Paint on Colu		69,821				
STS COR 073 AWSS Incorrectly S					35,134	
STS COR 067 FACO #41 GW Lea					22,695	
STS COR 037 FACO 037 30" FM I	Removal				63,972	
STS COR 090 Subsurface Obstrc					20,452	
STS COR 091 PG&E Vault Conf 10					40,001	
STS COR 093 12" Water Conf 12"					5,001	
STS COR 094 Unknown DB Conf	12" Wtr				20,001	



Contract Modification/Trend Log - Contract 1300 Stations

	UMS	CTS	YBM	STS	COST REPORT NOTES
STS COR 074 AWSS Offset/Sewer Demo	· · · · ·			108,384	
STS COR 198 NDSC Out of Spec Cover				8,123	
STS COR 367 DSC Conf w/ CP and FM				36,256	
STS COR 371 Conflicts w/ 12" AWSS				40,001	
UMS Roof Deck - Schedule Recovery	78,765			-,	
STS PCC 066 Add CS ATCS Emer Stop B	,			208,058	
STS COR 387 Oil Line Confl SW MH				6,124	
YBM COR 385 PG&E Damage to Work			0	-,	
UMS COR 391 AT&T Duct Bank Conflict	25,001		-		
USG COR 365 Elevator Hoist Beam	50,001				
UMS COR 389 4" Steel line asbestos	20,001				
YBM COR 390 RFI 1654 Chip Headwall			55,602		
STS COR 392 Util at 4th-Town SW MH			,	13,246	
YBM Sidewalk Bulb-out at Stair#1			83,937	,	
USG COR 384 Slab on Grade Depressio	100,001		,		
STS COR 409 Conc in confl w/ (N) FM	,			3,722	
STS COR 416 Conc DB/wall/lines conf				81,783	
USG COR 435 Work Stoppage	50,001			,	
USG Hydrant Relocation on Geary St.	65,163				
USG Door Openings in Shear Walls	41,774				
UMS COR 466 Asbestos Conduit	21,344				
UMS COR 417 Redesigned Manhole	14,385				
STS COR 469 SW Cleaning 4th/King				1,836	
YBM COR 485 Issues with N S Headwal			30,001		
USG Removal of Existing Column	4,116				
YBM PCC 79 Install 12in WM to Howar			209,888		
YBM COR 95 UST Removal Folsom			196,191		
YBM COR 230 Change load Bilco hatch			15,119		
YBM COR 249 Utility conflicts Folso			93,425		
UMS FACO #29 BART Hazmat Abatement	22,884				
STS COR 089 Extra Sewer Work				29,468	
USG PCC 73 Acceleration of Work	102,203				
YBM COR 50 Contam soil along H Line			39,560		
STS COR 480 Conc confl w (N) FM				886	
YBM COR 248 Transite pipe Folsom			1,501		
YBM COR 46 Add analy tests by AEW			3,655		
UMS COR 493 Steel Shape Inside Pile	25,001				
·	•				



Contract Modification/Trend Log - Contract 1300 Stations

	UMS	стѕ	YBM	STS	COST REPORT
UMS COR 516 Utilities and Slab at G	7,826	CIS	I DIVI	313	NOTES
UMS COR 510 6" VCP Side Sewer	19,696				
STS COR 519 Re-pressure test WD	19,090			2,739	
STS COR 523 AV & GV on 8" WD Main				1,601	
STS COR 530 Tunnel Track Machine				20,064	
STS COR 536 Util in Conf w 36" FM				66,287	
STS PCC 084 Removal of ATT DB & Vau				69,361	
YBM PCC 88 Extend 24" WM to Howard			116,937	03,301	
UMS Grade 50 Steel in Lieu Grade 70	572,884		110,937		
STS Tunnel Lowering	372,004			109,224	
UMS COR 565 GEN Emer Vent Design	500,001			103,224	
CTS COR 171 Mismarked gas line	300,001	14,581			
UMS COR 578 Elev./Escalator Monitor	25,001	14,501			
UMS COR 579 Elevators 1-4 SFFD	25,001				
STS COR 584 Debris confl w/ culvert	23,001			11,569	
YBM COR 586 Concrete Block @ Folsom			17,704	11,505	
UMS COR 591 Escalators and Stairs	100,001		17,704		
UMS COR 600 Hydrocarbon Odor	50,001				
UMS - PCC #31 (USG HVAC Trench Mod)	186,511				
CTS PCC#25 Stairs 5, 6, 7 Mods	100,011	21,672			
YBM COR 116 Archaeological Discovery		21,072	124,268		
YBM PCC 82 Delete Scope Due to Hote			(38,294)		
STS PCC #51 Inventor Tmp Crossover			(00,204)	23,420	
STS Track Switch Machine Change				391,909	
STS COR 447 Added Exc for SFWD POC				29,423	
STS COR 520 Lat Conf AWSS				3,867	
STS COR 522 Thickened Str. Stan				7,046	
STS COR 533 Conc wall confl util				39,170	
YBM COR 566 WD Tie-In @ Folsom			6,302	00,110	
STS COR 601 Conc Enc in cn. w W lin			0,002	2,827	
STS COR 621 Additional WD Exc. per				26,293	
UMS COR 637 Flng the area aby piles	10,001			20,200	
STS COR 641 SW delay due to conf ut	10,001			10,025	
YBM PCC 76 AWSS, SSFM, WM Design			627,854	10,020	
CTS - PCC #036 (CMU Wall Bracing)		19,552	321,004		
UMS COR 636 Bi-Fold Door Tube Steel	24,911	10,002			
USG COR 654 Plaza Level Tie-In	10,001				
300 301 00+1 1020 E0701 110 111	10,001				



Contract Modification/Trend Log - Contract 1300 Stations

					COST REPORT
11110 00D 000 51	UMS	CTS	YBM	STS	NOTES
UMS COR 652 Elev. 1 & 2 Cond. Shaft	10,001				
UMS COR 661 Card Acc & Dr alrm Pnts	10,001				
YBM COR 45 Abandoned sewer not slur			7,492		
UMS COR 673 Elation System Changes	10,001				
UMS COR 674 1.5 in Vertical Drain	10,001				
STS COR 657 Tunnel Ca Bsn Dsn Chang				20,001	
UMS COR 678 Drain Piping Size	10,001				
UMS COR 690 Fire Alram Annunciator	10,001				
UMS COR 696 Use 2.5 Inch Conduit	10,001				
CTS COR 695 Mod to Grondng System		10,001			
STS COR 664 Threaded Dowels				10,001	
UMS COR 689 Pil Ovstrss at Outrigrs	10,001				
UMS COR 712 Utlty Undrping Moniting	10,001				
YBM COR 711 Conduit for AC Swichgea			10,001		
UMS COR 710 Alrm Sys Dsgn & Asso Mt	10,001				
UMS COR 709 Potbl Gen Tap Box	10,001				
CTS COR 706 Glas Canpy Trench Drain		10,001			
STS COR 634 Forc Mn Dsn PCO 329				132,332	
CTS COR 640 East Leg swer Slplne		61,264			
STS COR 644 Wod Pier Cnf w AWSS				13,258	
STS COR 662 Foo cnf with catch bsn				1,257	
STS COR 685 DSC 8" Con unslab St Sc				13,075	
UMS COR 687 Trant Pipe at St 134+00	10,001				
USG PCC 68 Ramp Barriers Handrail	33,214				
UMS COR 635 Plza Lvl Bm to Cnc Wall	10,001				
UMS COR 726 Beam 213 Stair Opening	10,001				
UMS COR 730 Pltf Strt Lvl Stn & Elv	10,001				
UMS COR 729 N&S Uti House Adv Ltbox	10,001				
YBM COR 732 Rstroom Fclty Wall Revs	,		10,001		
UMS COR 735 Geary St Wall Footing	10,001		-,		
USG COR 734 Casing Column Conflict	10,001				
YBM COR 727 Elev Unts 1&2 Mach Room	12,20		10,001		
UMS COR 279 SFMTA CSP Field	10,001		. 0,00		
UMS COR 738 Unfishd Sur @ Seis Jnts	10,001				
UMS COR 612 4" Top Ovr Ligt Wt Conc	10,001				
UMS COR 743 Ovrhd Bi-Fold Door SDs	10,001				
STS COR 744 Roadway Luminaire	13,331			10,001	
3.3 33.07 Frittodaway Editinano	I			10,001	



Contract Modification/Trend Log - Contract 1300 Stations

UMS CTS YBM STS NOTES USG COR 746 Plza Lvl 11B 8" Cnc Wal USG COR 745 14 line wall Tube Suprt UMS COR 748 Emsl Seismic Joint Seal USG COR 293 Water on N.Concourse STS PCC 096 4th Street SW Slip Lini UMS COR 762 Bm Fram at Strs 3 & 4 YBM COR 758 Delge Vlve Access Door UMS COR 667 Writ Prtst -Ass Liq Dmg USG COR 760 Hor Rebr 7" Em Col B10 USG COR 764 WPrfing Req at Vnt Shft UMS COR 770 Fill Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 776 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 776 Conceptual Seelve Plan UMS COR 775 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West UMS COR 746 Plza Lvl 119,001 10						COST REPORT
USG COR 745 14 line wall Tube Suprt UMS COR 748 Emsl Seismic Joint Seal USG COR 293 Water on N.Concourse STS PCC 096 4th Street SW Slip Lini UMS COR 762 Bm Fram at Strs 3 & 4 YBM COR 758 Delge VIve Access Door UMS COR 667 Writ Prtst -Ass Liq Dmg USG COR 760 Hor Rebr 7" Em Col B10 USG COR 760 Hor Rebr 7" Em Col B10 USG COR 767 St Cas Column Conflict YBM COR 764 WPrfing Req at Vnt Shft UMS COR 775 Fill Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 776 Conceptual Seelve Plan UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 10,001		UMS	CTS	YBM	STS	NOTES
UMS COR 748 Emsl Seismic Joint Seal USG COR 293 Water on N.Concourse STS PCC 096 4th Street SW Slip Lini UMS COR 762 Bm Fram at Strs 3 & 4 YBM COR 758 Delge Vlve Access Door UMS COR 667 Writ Prtst -Ass Liq Dmg USG COR 760 Hor Rebr 7" Em Col B10 USG COR 767 St Cas Column Conflict YBM COR 764 WPrfing Req at Vnt Shft UMS COR 770 Fiil Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 10,001 1	JSG COR 746 Plza Lvl 11B 8" Cnc Wal	10,001				
USG COR 293 Water on N.Concourse STS PCC 096 4th Street SW Slip Lini UMS COR 762 Bm Fram at Strs 3 & 4 YBM COR 758 Delge VIve Access Door UMS COR 667 Writ Prtst -Ass Liq Dmg USG COR 760 Hor Rebr 7" Em Col B10 USG COR 767 St Cas Column Conflict YBM COR 764 WPrfing Req at Vnt Shft UMS COR 770 Fiil Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 774 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 10,001 10,	JSG COR 745 14 line wall Tube Suprt	10,001				
STS PCC 096 4th Street SW Slip Lini 966,687 UMS COR 762 Bm Fram at Strs 3 & 4 10,001 YBM COR 758 Delge VIve Access Door 10,001 UMS COR 667 Writ Prtst -Ass Liq Dmg 9,000 USG COR 760 Hor Rebr 7" Em Col B10 3,001 USG COR 767 St Cas Column Conflict 10,001 YBM COR 764 WPrfing Req at Vnt Shft 10,001 UMS COR 770 Fiil Void Sp with CDF 10,001 UMS COR 775 Con W Plac of St Lt Pol 3,001 UMS COR 774 Inadqte Conc Demolition 4,001 UMS COR 773 Excava Support Design 5,001 Proposed Contract Change (PCC) 32,275 VBM_CTS PCC 33 Platform Gate Revisio 47,057 CTS - Removal of Bus Bulb 15,997 CTS Delete PGE Work at Vault 732 (50,000) UMS MRY Duct Bank-West 54,981	JMS COR 748 Emsl Seismic Joint Seal	10,001				
UMS COR 762 Bm Fram at Strs 3 & 4 YBM COR 758 Delge VIve Access Door UMS COR 667 Writ Prtst -Ass Liq Dmg USG COR 760 Hor Rebr 7" Em Col B10 USG COR 767 St Cas Column Conflict YBM COR 764 WPrfing Req at Vnt Shft UMS COR 770 Fiil Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 10,001 1	JSG COR 293 Water on N.Concourse	10,001				
YBM COR 758 Delge VIve Access Door 10,001 UMS COR 667 Writ Prtst -Ass Liq Dmg 9,000 USG COR 760 Hor Rebr 7" Em Col B10 3,001 USG COR 767 St Cas Column Conflict 10,001 YBM COR 764 WPrfing Req at Vnt Shft 10,001 UMS COR 770 Fiil Void Sp with CDF 10,001 UMS COR 775 Con W Plac of St Lt Pol 3,001 UMS COR 774 Inadqte Conc Demolition 4,001 UMS COR 776 Conceptual Seelve Plan 10,001 UMS COR 773 Excava Support Design 5,001 Proposed Contract Change (PCC) 32,275 YBM_CTS PCC 33 Platform Gate Revisio 47,057 CTS - Removal of Bus Bulb 15,997 CTS Delete PGE Work at Vault 732 (50,000) UMS MRY Duct Bank-West 54,981	STS PCC 096 4th Street SW Slip Lini				966,687	
UMS COR 667 Writ Prtst -Ass Liq Dmg USG COR 760 Hor Rebr 7" Em Col B10 USG COR 767 St Cas Column Conflict YBM COR 764 WPrfing Req at Vnt Shft UMS COR 770 Fill Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 774 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 9,000 3,001 10,001 10,001 10,001 4,001 10,001 10,001 24,001 25,001 27,001 27,001 27,001 27,001 27,000 3,001 3,001 10,001 3,001 10,001 3,001 3,001 10,001 3,001 10,001 3,001 3,001 10,001 3,001 10,001 3,001 10,00	JMS COR 762 Bm Fram at Strs 3 & 4	10,001				
USG COR 760 Hor Rebr 7" Em Col B10 USG COR 767 St Cas Column Conflict YBM COR 764 WPrfing Req at Vnt Shft UMS COR 770 Fiil Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 774 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 3,001 10,001 3,001 10,001 10,001 10,001 3,001 10,001 3,001 10,001 3,001 10,001 3,001 10,001 3,001 4,001 3,001 10,001 3,001 15,001 15,001 15,997 (50,000) 54,981	'BM COR 758 Delge VIve Access Door			10,001		
USG COR 767 St Cas Column Conflict YBM COR 764 WPrfing Req at Vnt Shft UMS COR 770 Fiil Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 774 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 10,001	JMS COR 667 Writ Prtst -Ass Liq Dmg	9,000				
YBM COR 764 WPrfing Req at Vnt Shft UMS COR 770 Fiil Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 774 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 10,001	JSG COR 760 Hor Rebr 7" Em Col B10	3,001				
UMS COR 770 Fiil Void Sp with CDF UMS COR 775 Con W Plac of St Lt Pol UMS COR 774 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 10,001 4,001 5,001 7,001 10,001 4,001 10,0	JSG COR 767 St Cas Column Conflict	10,001				
UMS COR 775 Con W Plac of St Lt Pol UMS COR 774 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 3,001 4,001 5,001 4,001 5,001 5,001 47,057 47,057 (50,000)	'BM COR 764 WPrfing Req at Vnt Shft			10,001		
UMS COR 774 Inadqte Conc Demolition UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 4,001 10,001 5,001 47,057 47,057 (50,000)	JMS COR 770 Fiil Void Sp with CDF	10,001				
UMS COR 776 Conceptual Seelve Plan UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 10,001 5,001 32,275 47,057 47,057 (50,000) 54,981	JMS COR 775 Con W Plac of St Lt Pol	3,001				
UMS COR 773 Excava Support Design Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 5,001 32,275 47,057 (50,000) 54,981	JMS COR 774 Inadqte Conc Demolition	4,001				
Proposed Contract Change (PCC) UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 32,275 47,057 15,997 (50,000)	JMS COR 776 Conceptual Seelve Plan	10,001				
UMS - Relocation of TS Cabinet YBM_CTS PCC 33 Platform Gate Revisio CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 32,275 47,057 15,997 (50,000) 54,981	JMS COR 773 Excava Support Design	5,001				
YBM_CTS PCC 33 Platform Gate Revisio 47,057 CTS - Removal of Bus Bulb 15,997 CTS Delete PGE Work at Vault 732 (50,000) UMS MRY Duct Bank-West 54,981	pposed Contract Change (PCC)					
CTS - Removal of Bus Bulb CTS Delete PGE Work at Vault 732 UMS MRY Duct Bank-West 15,997 (50,000) 54,981	JMS - Relocation of TS Cabinet	32,275				
CTS Delete PGE Work at Vault 732 (50,000) UMS MRY Duct Bank-West 54,981	'BM_CTS PCC 33 Platform Gate Revisio			47,057		
UMS MRY Duct Bank-West 54,981	CTS - Removal of Bus Bulb		15,997			
· · · · · · · · · · · · · · · · · · ·	CTS Delete PGE Work at Vault 732		(50,000)			
Deletion of ADC (Deet II)	JMS MRY Duct Bank-West	54,981				
Detection of Ar5 (Part II) (52,409)	Deletion of ARS (Part II)				(52,409)	
YBM PCC 56 OCS Pole Foundations 551	'BM PCC 56 OCS Pole Foundations			551		
CTS PCC 067 Wall Shift North Access (1,097)	CTS PCC 067 Wall Shift North Access		(1,097)			
CTS PCC 050 Chinatown Plaza 0	CTS PCC 050 Chinatown Plaza		0			
UMS Preload Rqmt for Concourse Level 10,001	JMS Preload Rqmt for Concourse Level	10,001				
UMS Jet Grout at O'Farrell 35,001	JMS Jet Grout at O'Farrell	35,001				
YBM PCC 37 SFAC Node Sculpture 100,001	'BM PCC 37 SFAC Node Sculpture			100,001		
YBM PCC 59 Pavers Basis of Design 7,516	'BM PCC 59 Pavers Basis of Design			7,516		
UMS Locate PG&E Conduits 20,001	JMS Locate PG&E Conduits	20,001				
CTS PCC 083 Switchgear Breakers 30,001	CTS PCC 083 Switchgear Breakers		30,001			
YBM PCC 85 Ticketing Hall Changes 100,001	'BM PCC 85 Ticketing Hall Changes			100,001		
UMS PCC 86 Headwall Soffit Pile 20,001	JMS PCC 86 Headwall Soffit Pile	20,001				
USG PCC 87 Tiebacks, L2, GL 14-15 40,001	JSG PCC 87 Tiebacks, L2, GL 14-15	40,001				
USG PCC 89 E. Light Pole Foundation 2,501	JSG PCC 89 E. Light Pole Foundation	2,501				
UMS PCC 71 Rerouting of Slab Drains 0	JMS PCC 71 Rerouting of Slab Drains	0				



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	UMS	CTS	YBM	STS	COST REPORT NOTES
YBM PCC 91 Concourse Beam Revision			0		
UMS PCC 93 Ellis Deck Seismic Joint	10,001				
UMS Repair MRY Ductbank Y Connection	0				
STS PCC 095 Frame/Grate Change				(50,001)	
YBM PCC 97 Change Concourse Opening			30,001		
YBM PCC 099 Glass Art Changes			30,000		
CTS PCC 98 Slurry Wall Wr Proofing		20,001			
USG PCC 101 Elev. Machine Rooms	0				
USG PCC 102 Fire Horn-Strobe	0				
UMS PCC 103 PG&E S.light at Maiden	0				
CTS PCC 104 Water Leak NE HH		20,001			
UMS PCC105 Adj to Row X and Row Y	10,001				
UMS PCC 106 Edge of Slab for 8" Con	10,001				
UMS PCC 107 Light Pole Footings	10,001				
UMS PCC 108 Con Wok chges du to DSC	10,001				
UMS PCC 109 Rein Dtls for Struc Con	10,001				
UMS PCC 110 Term of Built Up Colus	10,001				
UMS PCC 111 Conc Cemo & Rev Con Dtl	10,001				
UMS PCC 112 Glass Walk Roof System	10,001				
UMS PCC 113 Elv/Esc Pit Floor Slope	10,001				
STS PCC 114 Stdpipe & Cond @ Portal				30,001	
UMS PCC 115 Decking Support WT	0				
USG PCC 116 Demo Column, Const Beam	0				
UMS PCC 118 Elevator Hoist Beams	0				
CTS PCC 120 Prov Cond-Lft-net Systm		0			
STS PCC 121 PG&E Pnts Streetlightig				0	
UMS PCC 122 Drain Piping Grout Dtls	250,001				
STS PCC 117 PDS Signs Moun Brackt				0	
USG PCC 123 South Wall Ground Beams	4,001				
USG PCC 124 Irrigation Main	10,000				
USG PCC 127 Footing Elev Suvey Diff	0				
USG PCC 128 Dowls of Rbar Conn Dtls	0				
USG PCC 129 Escalator Work Point	0				
YBM PCC 130 HVAC VRV's			10,001		
YBM PCC 131 Room Add Rec for CCTV			0		
USG PCC 134 Temp South Wall Support	40,001				
UMS PCC 136 Transformer Vault 3138	10,001				



Contract Modification/Trend Log - Contract 1300 Stations

					COST REPORT
	UMS	CTS	YBM	STS	NOTES
Change Order Request (COR)					
UMS DSC Existing Piles at 136+50	100,000				
STS-FACO #47 Sewer Related Work Pt2				33,898	
UMS-FACO #30 NDSC Inadequate CDF	157,462				
UMS NDSC (e) 12 inch CI Pipe	1,124				
STS- AT&T Conduit Changes				22,290	
STS COR 145 DSC PVC Conduits Conf				1,276	
UMS COR 189 NDSC Pipe Conflict	5,938				
UMS COR 191 DSC E PG&E Vault 582	1,849				
CTS COR 255 Additional Instruments		429,777			
STS COR 270 SW AWSS Conflict				8,280	
STS COR 271 DB AWSS Conflict				891	
STS COR 297 TC for Track Work at 4t				150,001	
UMS COR 110 DSC Obst. at JG Columns	1,880,520				
UMS COR 256 Conc Duct Bank 132+75	2,181				
UMS COR 300 14 HDPE at Geary	(307)				
CTS COR 305 Abandon OBW-CTS-03		1,790			
CTS COR 372 DSC Potholing @ N Acces		9,846			
STS COR 402 3x5 SW Confl w/ VCP SW				10,001	
UMS COR 403 Waterproofing at BART	63,285				
STS COR 404 Contam Soil in MRY DB				12,303	
YBM COR 267 Design for S.walk Hatch			10,848		
STS COR 401 AWSS Layout 4th/King				295,269	
STS COR 406 Addtl TC at 4th/King				675,001	
STS COR 411 Delay 8" WL miss serv				7,501	
CTS COR 405 Hyrdrocarbons in HH		17,485			
CTS COR 408 MSX Termination		191,291			
CTS COR 437 Unanticipated Elec @ Sh		50,001			
CTS COR 445 3x5 w/ HDPE/PVC Inside		10,001			
CTS COR 450 Switchgear Cubicles		100,001			
STS COR 451 PGE VIt WD Line Confl				30,001	
STS COR 454 Addtl Conflicts w/ 8" W				21,587	
STS COR 455 Conflicts w/ 8" WD Line				10,001	
STS COR 456 Conflicts w/ MRY Poles				20,001	
UMS COR 393 Wrap 14" Sewer Line	4,131				
STS COR 461 WD Confl w/ Mult Utilit				100,001	



Contract Modification/Trend Log - Contract 1300 Stations

	UMS	CTS	YBM	STS	COST REPORT NOTES
STS COR 475 Removal of Fiber Optic				1,101	
STS COR 476 Conc DB Conf w/ FH				25,001	
STS COR 500 Tunnel Monuments				5,001	
CTS COR 526 Connection b/t Wall & D		25,001			
CTS COR 527 Connection b/t Wall/Dec		25,001			
STS COR 531 ATT Confl w/ 36" FM				25,001	
STS COR 558 CB in conf w AWSS				3,001	
STS COR 491 Util in conf w/ 10" VCP				10,001	
CTS COR 529 Rock Mass at Elev 37'		25,001			
YBM COR 564 Concrete Encased PG&E			0		
CTS COR 568 CMOD 019 Reservations		300,001			
STS COR 570 Slab confl w/ AWSS				6,371	
CTS COR 574 Escalator supports		1			
YBM COR 581 SFFD Montor Panel			0		
UMS COR 594 Utilities @ O'Farrell	3,473				
YBM COR 580 Elev./Escalator Monitor			0		
YBM COR 598 Power Circuit for CCTV			0		
STS COR 559 Temporary Trolley Pole				15,001	
STS COR 567 Loct of Plinth Breaks				10,001	
YBM COR 572 Kiosks on Platform Lvl			8,060		
CTS COR 582 Monitor at Agent Booth		25,001			
CTS COR 583 Elev 1-4 SFFD monitor		25,001			
YBM COR 589 Escalators 3, 4, and 7			0		
STS COR 604 Duct Bank in conf. w se				10,001	
STS COR 606 PDS Mounting Brackets				10,001	
STS COR 613 Unknown Duct Bank				1,575	
STS COR 614 Pole ftg confl w FM				2,016	
STS COR 615 Sump Pump Pit Cover				1,044	
UMS COR 617 Material North of Geary	50,001				
STS COR 623 Unkn Con Structure				1,577	
STS COR 639 Util conf w/ 12" AWSS				10,001	
UMS COR 646 Add. Floor Drain	6,504				
UMS COR 648 Water Proof under swalk	50,001				
STS COR 650 Asbestos conf w/ ATT DB				15,001	
USG COR 509 Soil Nail Shotcrete Wall	606,533				
YBM COR 624 CMU Wall Supports			68,391		
CTS COR 625 Added Cane Detc Rail		1,889			



Contract Modification/Trend Log - Contract 1300 Stations

	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS COR 626 Ad HSS & Plt @ H Beam		3,986			
CTS COR 627 Add HSS Col @ Tickt Mac		2,417			
CTS COR 629 Abrsv Nosng at Con Strs		3,494			
YBM COR 630 Add Hot Dip Glvzed Fini			11,206		
STS COR 632 Omit Unist & add Anr Bt				6,293	
STS COR 655 Unkn Cnc St / cn w cbsn				1,224	
CTS COR 659 Add Grts at Sta Ag glas		1,537			
UMS COR 660 Added Grommets at Booth	1,134				
USG COR 663 Water Flow from Roof	50,001				
STS COR 665 Ov prd Lit PI fdn in				3,001	
STS COR 666 Ukn Con Vlt/con N36"				10,118	
CTS COR 670 Kitn Sink Piping		10,001			
STS COR 675 Dct bnk & 3" Gas Line				10,001	
UMS 676 Fire Alarm System	0				
STS COR 677 Fir Supsion stnpip Mat				3,895	
CTS COR 679 GI Cutos & Add Sp hds		23,450			
STS COR 682 Shtdown #1 Rail Mods				9,432	
STS COR 683 Gas Ln & unkn Duct Bank				5,001	
STS COR 688 Ukn Piers /conct N 12"				5,001	
YBM COR 692 Rebr to bs Plt Filt Wld			13,118		
UMS COR 693 Add Cryszed Glass Panel	40,823				
STS COR 694 Tr Rts in con/car pipes				5,001	
STS COR 699 Dct Bnk in Cnf w 36"FM				20,001	
STS COR 702 Brk Cs Bsn cnct w N Cuv				5,001	
STS COR 703 Tunl Wakway Expn jnts				3,412	
YBM COR 704 Vetc Pickts @ Plug Risr			(827)		
YBM COR 705 Del bems & Embds/Ven sh			(17,893)		
UMS COR 707 Prc /Ins Gas by PG& E	(9,680)				
UMS COR 714 Acc Con Alr Ponts	10,001				
CTS COR 628 Add Beams and Embeds		8,331			
CTS COR 200 Dr & Dr Hrdwre for GFRC		7,797			
UMS COR 701 End of Platform Gates	24,492				
UMS COR 330 PG&E Cutover at O'Farre	1,681				
UMS COR 511 NDSC 10" VCP Culvert	8,320				
YBM COR 588 Es Un1,2 & Sta Str Dsgn			0		
YBM COR 631 Elv Un 1-4 Dpth Dsn Con			0		
YBM COR 691 Add Gurdrl to Str 5&6			28,909		
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Contract Modification/Trend Log - Contract 1300 Stations

	I				COST REPORT
	UMS	CTS	YBM	STS	NOTES
UMS COR 715 Drainge Pipe System	0				
STS COR 716 Unkn Brik Ctch Bsn				3,001	
USG COR 718 Infill Voids at 14 line	0				
YBM COR 719 Elv 1&2 frm Trcn to Hyd			0		
YBM COR 721 Elev. Strctrl Hoist			0		
CTS COR 723 Strc Gls Asse Add Desig		0			
YBM COR 724 Anti-Graffiti Film			0		
UMS COR 725 Seis Qu Cer for St Glze	10,738				
UMS COR 731 Drain Piping Grout	10,001				
STS COR 736 Addition Rein Handholes				5,905	
UMS COR 740 Outstng Curb & Guter QC	10,001				
UMS COR 747 NDSC Unidnfied Con Pile	50,001				
CTS COR 722 Elv 1-4 OH Str Host Bms		10,001			
STS COR 737 Dct Bnk infc w AT&T Rem				5,001	
UMS COR 313 E MCI Valt Con w Ple In	7,189				
UMS COR 653 Comp. Grout Holes	55,750				
CTS COR 750 N Emergncy Egress Shaft		50,001			
STS COR 751 Db in coflct 36" FM& MH				10,001	
STS COR 753 Unknn Con in Conf N 36"				1,416	
STS COR 755 AWSS Material Delay				1,495	
STS COR 757 Unkn Dbrs Remv & Hauld				410	
UMS COR 763 NDSC Trans in VIt 3138	50,001				
STS COR 766 Wood Pir inCon w N Pils				25,001	
STS COR 772 Reconn Unkn Prop Drn Ln				2,200	
Change Order - Pending					
UMS -Remove AWSS Hydrant at OFarrel	7,307				
CTS-Plaza Surface Level Struct Mods		(10,337)			
UMS FACO #53 NDSC Transite Pipe	61,055				
UMS DSC Mass of Conc Stocktn 137+15	1,724				
STS COR #118 78" Sewer Excess Debri				34,907	
STS COR #236 E WD Config at Freelon				55,902	
UMS COR 235 DSC Transite Pipe	1,855				
STS COR #170 Cores in 78" RC Crown				1,666	
YBM COR 240 Headhouse Contam. Mtl.			106,923		
UMS COR 277 8" Steel line Asbestos	3,769		•		
YBM PCC 062 Delete SW MH FOL 10+35			(24,319)		
YBM COR 310 12" WL Conf w/ 36" FM			245,350		
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Contract Modification/Trend Log - Contract 1300 Stations

I					0007.05055
	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS COR 353 AWSS confl w HDPE in SW		2,883			
YBM COR 362 Temp Pavement Section			60,797		
YBM COR 373 DSC NoD Contaminated Ma			40,250		
UMS COR 407 8 inch SS Line Conflict	4,647				
USG - PCC #030 (US Garage Underpin)	732,157				
CTS COR 430 Unknown Concrete		3,712			
CTS COR 429 Thickened Street Base		2,609			
CTS COR 436 WD confl with SW MH A		20,223			
STS COR 443 AWSS Procurement Delay				5,777	
CTS COR 452 ATT VIt Confl w/ SS Lat		1,742			
CTS COR 453 Steel Line Confl w/ SS		4,966			
UMS PG&E Additional Conduits	36,657	•			
STS PCC 077 Tunnel Sump Pump Upgrad				11,147	
UMS COR 079 DSC Storage Tanks	97,817				
STS COR 468 Buried Debris in Subgra				2,027	
CTS COR 470 Steel Pipe/SW MNH Confl		2,150			
YBM COR 54 Conc obst 20" cut & cap			14,424		
YBM COR 458 TPC site support Zayo			7,005		
YBM COR 459 AWSS / WD Conflict			75,154		
YBM COR 474 Folsom Culvert at PG&E			18,612		
CTS COR 528 AWSS in 3x5 Brk SW		20,285			
YBM PCC 88 Extend 24" WM to Howard			116,864		
YBM PCC 90 Replace Bollards on 4th			9,390		
STS COR 562 WD offsets around basin				25,143	
STS COR 571 Brk struc confl w/ AWSS				1,648	
UMS COR 595 Fuel Tank S. of Geary	53,701				
YBM COR 642 Sto Dir du to Nav Mon			1,754		
YBM Delete Post-Grout of TB-2			(9,001)		
STS COR 369 STS conf w/ SW @ Welsh				2,621	
YBM COR 370 Brik Mnhl. conft.			647		
STS COR 618 Add Exc added 4" Gate				11,838	
STS COR 619 Added WD POC Excavation				5,113	
CTS COR 521 Accommodations for Chin		11,223			
UMS PCC 100 Waterproofing and Drain	178,873				
UMS COR 645 Notch Wales at N. HWall	98,841				
STS COR 535 LPW Main POC				42,312	
Approved	191,294	2,775,201	(1,073,031)	1,463,954	



Contract Modification/Trend Log - Contract 1300 Stations

	11840	ОТО	VDM	0.70
ontract Modification	UMS	CTS	YBM	STS
CMod #1 BART Elevator Option 1 @ Pow	90,000			
CMod #1 BAKT Elevator Option 1 @ Fow CMod #3 CTS Work Safely Ard Power Po	90,000	25,956		
CMod #5 YBM Deletion of Comp Groutin		25,950	(1,833,869)	
CMod #6 CTS Plaza Constr Supt Servi		75,000	(1,033,009)	
CMod#7 STS FACOs 016, 017 &COR 009		73,000		80,170
CMod #4 CTS-Force Account Change Or		130,000		80,170
Cmod #10 YBM PCC 042		130,000	64,287	
CMod#8 STS PCC 006 ATT MH, PB&Trench			04,207	225,208
CMod #9 YBM COR 10,15,16,18,20,25			126,663	225,200
CMod #11 UMS PCC 002	12,997		120,000	
CMod #11 SMS 1 33 302 CMod #12 STS Traffic Control	12,557			1,032,302
CMod # 14 YBM COR 036, 078			58,526	1,002,002
CMod #15 YBM COR 196			3,178	
CMod #16 UMS COR 184	8,261		0,	
CMod #017 CTS CORs 001 053 & 069	3,23	54,322		
CMod #018 CTS PCC 012		60,248		
CMod #13 CTS COR 006		57,707		
CMod #19 CTS COR 007, 026		2,274,225		
CMod #20 YBM PCC 047 and 45		, ,	364,562	
CMod #021 STS CORs 48/52/114/233/252				18,221
CMod #22 UMS PCC 045, 046	16,198			
CMod #23 UMS PCC 058	63,838			
CMOD 24 STS PCC 23				108,053
CMod #026 YBM COR 072			84,509	
CMod #025 - Various CORs			59,113	
CMod #027 UMS PCC 092	0			
CMod #028 CTS PCC 017.1		97,743		
and Total	13,699,893	6,121,434	2,463,390	2,410,093

								Report Peri	iod: July 2016
			June 2016			July 2016			
Group by Contract & SCC	CATEGORY ITEM	June 2016 Base	June 2016 Allocated Contingency	June 2016 Base + Allocated Contingency (YOE)	July 2016 Base	July 2016 Allocated Contingency	July 2016 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [July 2016] vs. [June 2016]	Cost Report Notes
10-50	CONSTRUCTION CONTRACT PACKAGES	1,142,513,381	18,400,122	1,160,913,503	1,142,498,122	18,415,381	1,160,913,503	0	
1250	UTILITY RELOCATION PACKAGE #1 Contract 1250 Form B Credit	12,134,906		12,134,906 (2,275,419)	12,134,906		12,134,906 (2,275,419)	0	
1251	UTILITY RELOCATION PACKAGE #2 Contract 1251 Form B Credit	(2,275,419) 20,870,197 (7,618,412)		20,870,197 (7,618,412)	(2,275,419) 20,870,197 (7,618,412)		20,870,197 (7,618,412)	0	
1252	GUIDEWAY TUNNEL Contract 1252 Form B Credit	235,413,702 (254,050)	499,798	235,913,500 (254,050)	235,398,443 (254,050)	515,057	235,913,500 (254,050)	0	27
1300	CN1300 STATIONS TOTAL	842,861,076	16,740,324	859,601,400	842,861,076	16,740,324	859,601,400	0	28
1253: UMS	UNION SQUARE/MARKET STREET STATION [UMS] UMS 1253 Form B Credit	294,221,884	4,808,706	299,030,590	294,221,884	4,808,706	299,030,590	0	
1254: CTS	CHINA TOWN STATION [CTS]	(528,370) 250,170,268	2,322,542	(528,370) 252,492,810	(528,370) 250,170,268	2,322,542	(528,370) 252,492,810	0	
1255: YBM	CTS 1254 Form B Credit YERBA BUENA/ MOSCONE STATION [YBM]	(451,703) 157,015,969	6,073,032	(451,703) 163,089,001	(451,703) 157,015,969	6,073,032	(451,703) 163,089,001	0	
1256: STS	YBM 1255 Form B Credit SURFACE TRACKWORK & SYSTEMS [STS] STS 1256 SFPUC SEWER MAIN	(100,000) 141,452,954	3,536,045	(100,000) 144,988,999	(100,000) 141,452,954	3,536,045	(100,000) 144,988,999	0	
	CREDIT STS 1256 Form B Credit	(2,925,296) (1,000,000)		(2,925,296) (1,000,000)	(2,925,296) (1,000,000)		(2,925,296) (1,000,000)	0	
OTHER	OTHER CONSTRUCTION TOTAL	46,386,751	1,160,000	47,546,751	46,386,751	1,160,000	47,546,751	<i>o</i>	
40.06	PUBLIC ART PROGRAM	8,175,555	1,160,000	9,335,555	8,175,555	1,160,000	9,335,555	0	
40.02	MISC. CONSTR CONTRCT WK (TRACTION POWER FOR 1251)	258,202		258,202	258,202		258,202	0	
40.01	CONTRACT 1300 SOIL PROCESS	500,000		500,000	500,000		500,000	0	29
50.01	TEMPORARY LICENSE AGREEMENT (ATCS CENTRAL CONTROL)	487,972		487,972	487,972		487,972	0	
50.06	MTA FARE COLLECTION EQUIPMENT	5,400,000		5,400,000	5,400,000		5,400,000	0	
50.06	BART FARE COLLECTION EQUIPMENT	700,000		700,000	700,000		700,000	0	

								Report Period: July 2016		
		June 2016				July 2016				
Group by Contract & SCC	CATEGORY ITEM	June 2016 Base	June 2016 Allocated Contingency	June 2016 Base + Allocated Contingency (YOE)	July 2016 Base	July 2016 Allocated Contingency	July 2016 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [July 2016] vs. [June 2016]	Cost Report Notes	
40.02	JOB ORDER CONTRACTS (JOCS) - CONSTRUCTION	117,255		117,255	117,255		117,255	0		
40.08	AON RISK INSURANCE	18,088,750		18,088,750	18,088,750		18,088,750	0		
40.02 40.08	PUBLIC AGENCIES UTILITY COORDINATION	3,713,215		3,713,215	3,713,215		3,713,215	0		
40.02	DEPARTMENT OF PARKING AND TRAFFIC (DPT)	1,200,000		1,200,000	1,200,000		1,200,000	0		
50.03	UNION SQUARE/ MARKET STREET STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0		
50.03	UNION SQUARE/ MARKET STREET STATIONS PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0		
50.03	CHINATOWN STATION POWER FEED	2,959,826		2,959,826	2,959,826		2,959,826	0		
50.03	CHINATOWN STATION PERMANENT POWER	(2,350,000)		(2,350,000)	(2,350,000)		(2,350,000)	0		
50.03	YERBA BUENA/ MOSCONE STATION [YBM] POWER FEED	3,125,222		3,125,222	3,125,222		3,125,222	0		
50.03	YERBA BUENA/ MOSCONE STATION [YBM] PERMANENT POWER	(2,368,540)		(2,368,540)	(2,368,540)		(2,368,540)	0		
50.03	SURFACE STATION POWER FEED	11,839		11,839	11,839		11,839	0		
50.04	COMMUNICATION CONNECTION COSTS	5,757,629		5,757,629	5,757,629		5,757,629	0		
60	ROW, LAND, EXISTING IMPROVEMENTS	32,246,321	5,265,478	37,511,799	32,246,321	5,265,478	37,511,799	0		
60.01	PURCHASE OR LEASE OF REAL ESTATE	30,065,810	5,265,478	35,331,288	30,065,810	5,265,478	35,331,288	0	30	
60.02	RELOCATION OF EXISTING HOUSEHOLDS	2,180,511		2,180,511	2,180,511		2,180,511	0		
70	VEHICLES	13,309,000	13,076,653	26,385,653	13,309,000	13,076,653	26,385,653	0		
70.01	LIGHT RAIL	13,309,000	13,076,653	26,385,653	13,309,000	13,076,653	26,385,653	0	31	
70.07	SPARE PARTS									
80	PROFESSIONAL SERVICES	310,518,041	18,221,079	328,739,120	310,518,041	18,221,079	328,739,120	0		
80.01	PRELIMINARY ENGINEERING	46,202,674		46,202,674	46,202,674		46,202,674	0		

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

								Report Per	iod: July 2016
			June 2016		July 2016				
Group by Contract & SCC	CATEGORY ITEM	June 2016 Base	June 2016 Allocated Contingency	June 2016 Base + Allocated Contingency (YOE)	July 2016 Base	July 2016 Allocated Contingency	July 2016 Base + Allocated Contingency (YOE)	BUDGET TRANSFERS [July 2016] vs. [June 2016]	Cost Report Notes
80.02	FINAL DESIGN	61,322,751		61,322,751	61,322,751		61,322,751	0	
80.03	PROJECT MANAGEMENT FOR DESIGN & CONSTRUCTION	89,021,634	13,905,845	102,927,479	89,021,634	13,905,845	102,927,479	0	
80.04	CONSTRUCTION ADMINISTRATION & MANAGEMENT	91,037,791	2,956,812	93,994,603	91,037,791	2,956,812	93,994,603	0	
80.05	INSURANCES	6,800,000	, ,	6,800,000	6,800,000	, ,	6,800,000	0	
80.06	LEGAL: PERMITS. REVIEW FEES BY OTHER AGENCIES	8,258,184		8,258,184	8,258,184		8,258,184	0	
80.07	SURVEYS, TESTING, INVESTIGATION. INSPECTION	883,100		883,100	883,100		883,100	0	
80.08	START-UP	6,991,907	1,358,422	8,350,329	6,991,907	1,358,422	8,350,329	0	
	ALL SCC CATEGORIES 10 TO 80	1,498,586,743	54,963,332	1,553,550,076	1,498,571,484	54,978,591	1,553,550,076	0	
90	UNALLOCATED CONTINGENCIES			24,749,927			24,749,927		32
	TOTAL PROJECT COST 10 TO 100			1,578,300,002			1,578,300,002		
	TOTAL CONTINGENCY			79,713,259			79,728,518		
	CONTINGENCY MINIMUM			60,000,000			60,000,000		
	BELOW OR ABOVE MINIMUM			19,713,259			19,728,518		



COST STATUS BY CATEGORY	SCC CODES	BUDGET June 2016	BUDGET TRANSFERS	BUDGET July 2016	July 2016 CTD	July 2016 EAC
CONSTRUCTION	SCC 010 - 050	1,160,913,504	0	1,160,913,504	692,868,541	1,164,178,910
REAL ESTATE	SCC 060	37,511,799	0	37,511,799	30,723,923	32,246,321
VEHICLES	SCC 070	26,385,653	0	26,385,653	2,147,824	13,309,000
PRELIM ENGINEERING	SCC 080.01	46,202,674	0	46,202,674	46,202,675	46,202,674
FINAL DESIGN	SCC 080.02	61,318,331	0	61,318,331	61,576,939	61,322,751
PM FOR DESIGN & CONSTRUCTION	SCC 080.03 - 080.04	196,922,082	0	196,922,082	117,494,581	180,059,425
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,296,033	0	24,296,033	12,500,058	22,933,191
UNALLOC CONTINGENCY	SCC 090	24,749,924	0	24,749,924		
Grand Total		1,578,300,000	0	1,578,300,000	963,514,541	1,520,252,272



SCC DESCRIPTION	July 2016 BUDGET	July 2016 CTD
010 - GUIDEWAY & TRACK ELEMENTS	285,712,152	197,821,302
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	573,714,346	290,004,808
040 - SITEWORK & SPECIAL CONDITIONS	206,115,907	186,129,633
050 - SYSTEMS	95,371,099	18,912,798
060 - ROW, LAND, EXISTING IMPROVEMENTS	37,511,799	30,723,923
070 - VEHICLES (number)	26,385,653	2,147,824
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	328,739,120	237,774,252
090 - UNALLOCATED CONTINGENCY	24,749,924	
Grand Total	1,578,300,000	963,514,541



SCC DESCRIPTION	June 2016	June 2016
300 DESORIT TION	BUDGET	CTD
010.02-Guideway: At grade semi-exclusive (allows cross-traffic)	2,860,000	145,000
010.06-Guideway: Underground cut & cover	70,833,126	61,165,677
010.07-Guideway: Underground tunnel	200,808,300	131,255,154
010.09-Track: Direct fixation	6,761,089	2,636,871
010.12-Track: Special (switches, turnouts)	4,449,637	2,618,600
020.01-At-grade station, stop, shelter, mall, terminal, platform	6,673,138	1,516,775
020.02-Aerial station, stop, shelter, mall, terminal, platform	3,536,045	0
020.03-Underground station, stop, shelter, mall, terminal, platform	541,803,326	285,054,825
020.07-Elevators, escalators	21,701,837	3,433,208
040.01-Demolition, Clearing, Earthwork	11,228,751	10,631,470
040.02-Site Utilities, Utility Relocation	56,812,678	58,542,684
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	7,301,393	4,017,897
040.04-Environmental mitigation, e.g. wetlands, historic/archeologic, parks	1,020,165	625,842
040.05-Site structures including retaining walls, sound walls	2,706,431	2,706,431
040.06-Pedestrian / bike access and accommodation, landscaping	9,755,506	2,214,754
040.07-Automobile, bus, van accessways including roads, parking lots	6,967,874	2,145,265
040.08-Temporary Facilities and other indirect costs during construction	110,323,109	105,245,291
050.01-Train control and signals	28,031,423	6,082,403
050.02-Traffic signals and crossing protection	12,584,529	7,501,730
050.03-Traction power supply: substations	21,487,073	4,055,853
050.04-Traction power distribution: catenary and third rail	12,441,113	1,203,808
050.05-Communications	12,062,374	69,003
050.06-Fare collection system and equipment	6,100,000	0
050.07-Central Control	2,664,586	1
060.01-Purchase or lease of real estate	35,331,288	28,314,493
060.02-Relocation of existing households and businesses	2,180,511	2,409,430
070.01-Light Rail	26,385,653	2,147,824
080.01-Preliminary Engineering	46,202,674	46,202,675
080.02-Final Design	61,318,331	61,576,939
080.03-Project Management for Design and Construction	102,927,479	62,271,022

SCC DESCRIPTION	June 2016 BUDGET	June 2016 CTD
080.04-Construction Administration & Management	93,994,603	55,223,559
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.	8,262,604	4,767,487
080.07-Surveys, Testing, Investigation, Inspection	883,100	13,831
080.08-Start up	8,350,329	1,378,544
090.00-Unallocated Contingency	24,749,924	
Grand Total	1,578,300,000	963,514,541



	BUDGET		ACTUA	L COSTS			
[A] Cost Account Description	[B] July 2016 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
TOTAL PRELIMINARY ENGINEERING	46,542,061	46,542,061	0	0	46,542,061	0	33
11 - SFMTA PROJECT MANAGEMENT	8,828,359	8,253,957	0	0	8,253,957	574,403	34
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	11,425,594	0	35
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	935,451	802,883	0	0	802,883	132,568	
21 - ARTS COMMISSION	1,500,570	1,500,570	0	0	1,500,570	1	36
22 - FIRE DEPARTMENT	33,825	33,825	0	0	33,825	0	
23 - CITY ATTORNEY'S OFFICE	1,234,754	1,234,754	0	0	1,234,754	0	
24 - RISK MANAGEMENT	0	0	0	0	0	0	
26 - PLANNING	99,604	99,604	0	0	99,604	0	
27 - DEPARTMENT OF PUBLIC HEALTH (DPH)	4,420	4,420	0	0	4,420	0	
29 - CITY AUDITOR	308,540	315,616	0	0	315,616	(7,076)	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	3,322,887	3,714,064	0	0	3,714,064	(391,177)	
34 - DPW - IDC CONSTRUCTION (CAPTITAL)	17,462	17,462	0	0	17,462	0	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	76,549	76,549	0	0	76,549	0	
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	13,993	13,993	0	0	13,993	0	
51 - 821 HOWARD STREET	1,005,653	1,005,653	0	0	1,005,653	0	
55 - 651 BRANNAN	2,294,910	2,294,910	0	0	2,294,910	0	37
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV C	26,793,234	26,793,234	0	0	26,793,234	0	38
66 - ANIL VERMA	395,204	395,204	0	0	395,204	0	39
67 - HILL INTERNATIONAL CONTRACT 156	6,716,294	6,716,294	0	0	6,716,294	0	
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	40
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	26,220,609	0	41
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	0	11,432,312	(0)	42
331 - BAY AREA RAPID TRANSIT (BART)	146,427	146,427	0	0	146,427	0	
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTH	0	0	0	0	0	0	
TOTAL FINAL DESIGN	115,075,987	114,307,465	0	0	114,307,465	768,523	
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SFMTA

	BUDGET						
[A] Cost Account Description	[B] July 2016 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
11 - SFMTA PROJECT MANAGEMENT	15,589,933	7,035,459	164,084	494,819	7,530,278	8,059,655	
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMI	15,589,933	7,035,459	164,084	494,819	7,530,278	8,059,655	
12 - SFMTA ENGINEERING SERVICES	905,264	2,359,892	6,769	15,447	2,375,339	(451,757)	
1.3.012.02.080.04 - CM: SFMTA LABOR-ENGINEERING CONT	123,582	57,648	0	0	57,648	65,934	
1.3.012.06.080.04 - CM: SFMTA LABOR-ENGINEERING CONT	1,800,000	2,302,244	6,769	15,447	2,317,691	(517,691)	
13 - SFMTA CONSTRUCTION MANAGEMENT	44,075,375	10,637,427	253,577	432,766	11,070,193	31,986,864	
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	43,057,057	10,637,427	253,577	432,766	11,070,193	31,986,864	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,588,074	1,707,439	84,607	7,355	1,714,794	2,062,367	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	85,019	0	0	85,019	214,581	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	71,077	470	1,842	72,919	201,981	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	114,006	943	0	114,006	124,394	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	182,251	4,786	5,513	187,764	689,112	
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B84]	0	1,464	0	0	1,464	* * * * * * * * * * * * * * * * * * * *	
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B86]	0	204,261	0	0	204,261	(204,261)	
1.3.016.06.040.02 - DPT:DPT TRAFFIC SHOP CONTRACT 1300	1,200,000	0	0	0	0	1,200,000	
1.3.016.07.080.04 - DPT:SSD DS/CN: 1UTL	38,450	0	0	0	0	38,450	
1.3.016.08.040.08 - DPT:PCOS:2UTL [68A]	400,728	400,728	0	0	400,728		
1.3.016.08.040.08 - DPT:SSD CN:2UTL	0	108,020	0	0	108,020		
1.3.016.08.080.04 - DPT:SSD [1326]	259,120	235,252	0	0	235,252	23,868	
1.3.016.08.080.04 - DPT:SSD [13BN]	0	23,302	0	0	23,302	(23,302)	
1.3.016.08.080.04 - DPT:SSD [13CN]	0	963	0	0	963	(963)	
1.3.016.08.080.04 - DPT:SSD [B85]	0	92,008	0	0	92,008	(92,008)	
1.3.016.03.040.08 - PCOS:1300/UMS [68CPT544132W.CPT54413	0	78,408	78,408	0	78,408	(78,408)	
1.3.016.09.040.08 - PCOS:1300/STS [68CPT544132Z.CPT544132Z	0	110,679	0	0	110,679	(110,679)	
17 - MOTIVE POWER	2,195	0	0	0	0	2,195	
1.3.017.07.040.02 - PWR:SFMTA-MOTIVE POWER-UTL.REL	2,195	0	0	0	0	2,195	
18 - SFMTA OPERATIONS	400,000	39,586	0	0	39,586	286,883	
1.3.018.04.040.02 - OPS:SUPPORT TO CONTRACT 1300/CTS	100,000	26,469	0	0	26,469	73,531	
1.3.018.06.080.07 - OPS:SUPPORT TO CONTRACT 1300/UMS	300,000	13,117	0	0	13,117	286,883	
19 - OTHER SFMTA	700,000	1,505,407	0	0	1,505,407	(805,407)	
1.3.019.01.080.07 - OTH.MTA SURVEY AND TESTING	500,000	0	0	0	0	500,000	
1.3.019.07.080.07 - OTH.MTA SFMTA-SURVEY; TSTG [6840]	0	714	0	0	714	(714)	





		GROUPED					
	BUDGET		ACTU	AL COSTS			
[A] Cost Account Description	[B]	[C]	[D]	[E]	[F]	[G]	
	July 2016	PRIOR	PDIOD	CLIDDENE	CUDDENT	MADIANCE	COST REPORT
	Budget	PRIOR MONTH Total	PRIOR MONTH	CURRENT	CURRENT	VARIANCE (B - F)	NOTES
	(YOE)	MONTH Total	Monthly	Monthly	Total	(B - F)	NOTES
1.3.019.08.040.08 - OTH.MTA 1251 MATERIALS	150,000	126,149	0	0	126,149	23,851	
1.3.019.08.080.08 - OTH.MTA OPERATION SUPPORT DURI	50,000	1,378,544	0	0	1,378,544	(1,328,544)	
21 - ARTS COMMISSION	12,010,885	2,681,034	80,434	86,207	2,767,242	9,243,644	
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONS	4,772,555	0	0	0	0	4,772,555	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [1227]	2,030,147	388,167	0	0	388,167	1,641,980	43
1.3.021.01.080.04 - ARTS:CTYCO-ARTS COMMISSION [PWE3:	21,000	11,386	0	0	11,386	9,614	
1.3.021.06.080.03 - ARTS:CTYCO-ARTS COMMISSION PM [28	158,970	438,715	38,478	43,533	482,248	(323,278)	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWA3	0	4,389	1,066	0	4,389	(4,389)	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWE3	0	1,957	0	691	2,648	(2,648)	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT	1,500,000	1,393,660	0	0	1,393,660	106,340	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285M0	1,903,000	441,806	39,936	42,938	484,743	1,418,257	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [132J]	465,213	0	0	0	0	465,213	
1.3.021.97.040.06 - ARTS:ARTS COMMISSION ALLOC CO	1,160,000	0			0	1,160,000	
23 - CITY ATTORNEY'S OFFICE	2,171,781	1,555,745	0	193,865	1,749,611	422,170	
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	1,555,745	0	193,865	1,749,611	422,170	
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 I	(2,925,296)					(2,925,296)	
26 - PLANNING	137,062	23,277	0	0	23,277	113,785	
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	23,277	0	0	23,277	113,785	
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	2,690,057	103,627	75,434	2,765,491	1,476,521	
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	538,233	0	0	538,233	(139,833)	
1.3.028.02.080.04 - PUC:MTA CSP CN1252 [470465]	105,000	91,587	0	0	91,587	13,413	
1.3.028.03.040.02 - PUC:CDD CONTRACT 1300/UMS SUPPORT	606,354	108,167	0	214	108,380	497,974	
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECT	230,000	30,363	0	0	30,363	199,637	
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	169,001	0	495	169,496		
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTI	115,000	6,956	0	248	7,203		
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPOR	450,282	193,089	2,708	8,917	202,006		
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECT	184,000	8,635	3,327	13,280	21,914	·	
1.3.028.06.040.02 - PUC:CMB CONTRACT 1300/SFWD AWSS N	0	224,244	78,405	0	224,244		
1.3.028.07.040.02 - PUC:PUC CDD WATER CONNECTION CON	248,035	291,501	0	0	291,501		
1.3.028.07.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1	74,468	113,844	0	0	113,844	(39,376)	

	BUDGET	ACTUAL COSTS					
[A] Cost Account Description	[B]	[C]	[D]	[E]	[F]	[G]	
	July 2016 Budget (YOE)	PRIOR MONTH Total	PRIOR MONTH Monthly	CURRENT Monthly	CURRENT Total	VARIANCE (B - F)	COST REPORT NOTES
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CON	565,389	318,130	0	0	318,130	247,259	
1.3.028.08.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1	266,252	289,424	0	0	289,424	(23,172)	
1.3.028.09.040.02 - PUC:CMB CONTRACT 1300/STS SUPPORT	520,077	221,379	15,211	24,477	245,856	274,222	
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTI	207,000	80,762	3,976	27,804	108,566	98,434	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	1,150,459	(200,496)	13,776	13,588	(186,908)	1,199,443	
1.3.032.01.080.04 - CM:DPW:1424J-BUREAU OF ENGINEERIN	60,000	(285,405)	0	0	(285,405)	345,405	
1.3.032.03.080.04 - DPW IDC HYDRAULIC CN1300 UMS SUPP	297,938	11,167	4,548	3,370	14,537	283,401	
1.3.032.04.080.04 - DPW IDC HYDRAULIC CN1300 CTS SUPPO	295,639	13,123	4,233	4,422	17,545	278,094	
1.3.032.05.080.04 - DPW IDC HYDRAULIC CN1300 YBM SUPP	301,882	23,298	1,410	1,041	24,339	277,543	
1.3.032.06.080.04 - DPW: BOE: 1300 DSDC	6,000	0	0	0	0	6,000	
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 SUPPO	180,000	37,320	3,584	4,755	42,076	137,924	
34 - DPW - IDC CONSTRUCTION (CAPITAL)	6,695,348	4,901,500	41,058	102,719	5,004,220	1,691,128	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [CD12]	730,000	1,207,603	0	0	1,207,603	(477,603)	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [13AC12]	206,000	138,397	0	0	138,397	67,603	
1.3.034.01.080.04 - DPW:BCM LABOR [2113]	2,140,142	2,140,142	0	0	2,140,142	0	
1.3.034.06.080.04 - DPW:CONSTR:1300 CM [13CP12]	3,619,206	1,415,358	41,058	102,719	1,518,078	2,101,128	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	465,562	110,294	0	0	110,294	436,268	
1.3.036.01.080.04 - DPW:MPPG:DPW-BUREAU OF ST USE	417,129	32,680	0	0	32,680	384,449	
1.3.036.02.080.04 - DPW:MPPG:1300-DPW-BUREAU OF ST US	0	33,084	0	0	33,084	(33,084)	
1.3.036.02.080.06 - DPW:MPPG:DPW-BUREAU OF ST USE	90,000	44,530	0	0	44,530	45,470	
1.3.036.06.080.06 - DPW:MPPG:BSM PERMIT REVIEW	39,433	0	0	0	0	39,433	
37 - DPW - PCS MATERIAL TESTING LABORATORY	83,100	0	0	0	0	83,100	
1.3.037.01.080.07 - DPW.MTL.LABDPW-MATERIAL TESTIN	83,100	0	0	0	0	83,100	
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	622,474	942,284	0	0	942,284	(319,810)	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	8,621	506,858	0	0	506,858	(498,237)	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	92,459	92,459	0	0	92,459	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	78,400	78,400	0	0	78,400	0	
1.3.039.01.080.04 -DPW:SITE ASSESSMENT & REMEDIATION	151,515	151,515	0	0	151,515	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	24,343	24,343	0	0	24,343	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	· ·	10,109	0	0	10,109	48,648	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	31,367	31,367	0	0	31,367	0	





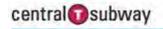
	GROUPED BY PROJECT PHAS						
	BUDGET		ACTU	AL COSTS			
[A] Cost Account Description	[B] July 2016 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	100,000	8,621	0	0	8,621	91,379	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	17,000	0	0	0	0	17,000	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATIO	18,632	16,880	0	0	16,880	1,753	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATIO	41,379	21,732	0	0	21,732	19,647	
46 - MACY'S WEST - SFPUC SEWER WORK	258,202	258,202	0	0	258,202	0	
1.3.046.08.040.02 - MCY.SWRC. CONTRACT: MACY'S-SEW	258,202	258,202	0	0	258,202	0	
51 - 821 HOWARD STREET	4,690,481	612,061	31,984	0	612,061	4,078,420	
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	4,625,481	595,176	31,984	0	595,176	4,030,305	
1.3.051.02.080.04 - ODC.HWRD:ODCs - TUNNEL CONTRACT	10,000	1,056	0	0	1,056	8,944	
1.3.051.06.080.04 - ODC.HWRD:ODCs - STATION CONTRACT	55,000	15,829	0	0	15,829	39,171	
55 - 651 BRANNAN	0	10,348	0	0	10,348	(10,348)	
1.3.055.01.080.03 - CM:ODCs - 651 BRANNAN STREET	0	10,348	0	0	10,348	(10,348)	44
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV C	42,373,401	29,126,950	960,024	418,346	29,545,295	12,828,106	
1.3.063.01.080.03 - CM:PM:AECOM.CS149 OM-EPC JV CS149-I	9,507,939	6,394,403	176,600	(201,851)	6,192,552	3,315,387	45
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3B]	5,218,630	4,034,113	264,900	(302,777)	3,731,336	1,487,294	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3E]	7,000,000	7,982,813	0	0	7,982,813	(982,813)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3F]	0	3,703,913	455,530	842,862	4,546,775	(4,546,775)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9B]	11,042	11,042	0	0	11,042	(0)	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9D]	550,000	515,694	0	0	515,694	34,306	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9E]	600,000	523,943	0	0	523,943	76,057	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [9F]	0	381,084	62,995	80,112	461,196	(461,196)	
1.3.063.01.080.04 - FD:CM:EPC JV CS49-PM [123A]	5,579,945	5,579,945	0	0	5,579,945	0	
1.3.063.97.080.03 - AECOM.CS149 ALLOCAT CONTING	13,905,845					13,905,845	
67 - HILL INTERNATIONAL CONTRACT 156	11,000,000	2,009,150	63,974	71,329	2,080,479	8,919,521	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1336]	600,000	920,426	5,393	0	920,426	(320,426)	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1337]	9,400,000	961,464	58,581	71,329	1,032,793	8,367,207	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. [1330]	1,000,000	127,261	0	0	127,261	872,739	
69 - BAYLAND SOIL PROCESS CONTRACT 175	500,000	174,874	0	13,087	187,961	312,039	46
1.3.069.06.040.01 - BAYLAND.CS175:BAYLAND SOIL PROCE	500,000	174,874	0	13,087	187,961	312,039	
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	1,358,950	1,910,051	3,440	42,364	1,952,415	(593,465)	
1.3.071.01.080.04 - CM: CS155.1 DESIGN SUPPORT DURING C	0	(87,201)	0	0	(87,201)	87,201	47
1.3.071.02.080.04 - CM: CS155.1 DESIGN SUPPORT DURING C	1,358,950	1,997,252	3,440	42,364	2,039,616	(680,666)	



Municipal Transportation Agency

Report Period: June 2016 CENTRAL SUBWAY PROJECT 7.9 DETAIL MONTHLY EXPENDITURE REPORT GROUPED BY PROJECT PHASE

	BUDGET		ACTU	AL COSTS			
[A] Cost Account Description	[B] July 2016 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
72 - STATIONS - CONTRACT # CONTRACT 155-2	8,752,240	6,097,356	155,540	507,848	6,605,204	2,147,036	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING C	50,000	51,351	0	0	51,351	(1,351)	48
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING C	8,702,240	6,046,005	155,540	507,848	6,553,854	2,148,386	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	4,828,269	2,377,819	546,447	111,329	2,489,147	2,339,122	
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING O	90,000	89,791	0	0	89,791	209	
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING C	4,738,269	2,288,028	546,447	111,329	2,399,356	2,338,913	
81 - UTILITIES RELOCATION #1 (PORTAL & MOS) - CONTR	11,968,150	11,968,150	0	0	11,968,150	0	
1.3.081.07.040.01 - UR1.CONTRACT 1250:SITEWORK: DEMOI	167,458	167,458	0	0	167,458	0	
1.3.081.07.040.02 - UR1.CONTRACT 1250:SITEWORK: UTILIT	10,099,341	10,099,341	0	0	10,099,341	0	
1.3.081.07.040.03 - UR1.CONTRACT 1250:SITEWORK:HAZMA	453,321	453,321	0	0	453,321	0	
1.3.081.07.040.08 - UR1.CONTRACT 1250:SITEWORK:TEMPO	1,248,030	1,248,030	0	0	1,248,030	0	
82 - UTILITIES RELOCATION #2 (UMS) - CONTRACT 1251	20,794,582	20,794,582	0	0	20,794,582	0	49
1.3.082.08.040.01 - UR2.CONTRACT 1251:SITEWORK: DEMOI	752,240	752,240	0	0	752,240	0	
1.3.082.08.040.02 - UR2.CONTRACT 1251:SITEWORK:UTILITI	10,328,044	10,328,044	0	0	10,328,044	0	
1.3.082.08.040.03 - UR2.CONTRACT 1251:SITEWORK:HAZMA	172,712	172,712	0	0	172,712	0	
1.3.082.08.040.05 - UR2.CONTRACT 1251:SITEWORK: STRUC	2,706,431	2,706,431	0	0	2,706,431	0	
1.3.082.08.040.06 - UR2.CONTRACT 1251:SITEWORK:PEDEST	319,317	319,317	0	0	319,317	0	
1.3.082.08.040.07 - UR2.CONTRACT 1251:SITEWORK:AUTO/B	190,362	190,362	0	0	190,362	0	
1.3.082.08.040.08 - UR2.CONTRACT 1251:SITEWORK:TEMP F	6,325,476	6,325,476	0	0	6,325,476	0	
GUIDEWAY TUNNELS TOTAL	235,913,500		0	(1,087,497)	233,793,900	2,119,601	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	233,357,072	0	(1,459,208)	231,897,864	1,686,151	50
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGR	60,446,425	61,377,878	0	(931,453)	60,446,425	0	
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGR	105,423,090	105,164,927	0	0	105,164,927	258,163	
1.3.083.02.020.03 - CONTRACT 1252: STATIONS: UNDERGR	21,685,000	21,685,000	0	0	21,685,000	0	
1.3.083.02.040.01 - CONTRACT 1252:SITEWORK:DEMO CLE	2,440,000	2,440,000	0	0	2,440,000		
1.3.083.02.040.02 - CONTRACT 1252:SITEWORK:UTILITIES	10,895,000	10,487,676	0	0	10,487,676		
1.3.083.02.040.03 - CONTRACT 1252:SITEWORK:HAZMAT&	200,000	200,000	0	(200,000)	0	200,000	
1.3.083.02.040.04 - CONTRACT 1252:SITEWORK:ENVIRON.	300,000	54,292	0	(0)	54,292	245,708	
1.3.083.02.040.06 - CONTRACT 1252:SITEWORK:PED/BIKE	50,000	50,000	0	(45,468)	4,532	45,468	
1.3.083.02.040.07 - CONTRACT 1252:SITEWORK:AUTO/BUS	1,345,000	1,345,000	0	0	1,345,000	0	
1.3.083.02.040.08 - CONTRACT 1252:SITEWORK:TEMP FAC	30,799,500	30,552,299	0	(282,287)	30,270,012	529,488	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs	1,814,428	1,524,325	0	371,711	1,896,036	(81,608)	51





4- UNION SQUARE/MARKET STREET STATION (UMS) - W 294,030,590 158,520,886 3,087,940 1,995,095 160,515,981 133,514,669 18 3,084,03,020,03 - UMS,1253: UNDERGROUD STATION 253,822,452 136,050,491 2,832,914 1,687,095 137,737,586 116,084,866 3,084,03,020,07 - UMS,1253: ELEVATORS ESCALATOR 9,465,694 1,374,096 38,215 0 1,374,096 8,091,598 3,084,03,040,01 - UMS,1253: DEMOLITION CLEARING 6,071,588 5,794,089 32,501 0 5,794,089 277,499 3,084,03,040,02 - UMS,1253: SITE UTILITIES UTIL 3,971,620 2,195,209 0 253,000 2,448,209 1,523,411 3,084,03,040,03 - UMS,1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 231,010 13,490 3,084,03,040,04 - UMS,1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 0 12,501 6,468 3,084,03,040,07 - UMS,1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 0 48,001 1,499,184 3,084,03,040,07 - UMS,1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3,084,03,050,02 - UMS,1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3,084,03,050,03 - UMS,1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 0 0,001 1,805,533 3,084,03,050,04 - UMS,1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3,084,03,050,05 - UMS,1253: TRACTION POWER DISTR 216,957 66,038 0 0 5,001 1,129,313 384 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 0 11,258 80,036 3,084,03,050,05 - UMS,1253: UNDERGROUD STATIO 37,456 21,258 0 0 0 2,258 16,198 3,084,040,007 - CTS,1254: ELEVATORS, ESCALAT 90,000 90,000 0 0 0 0 0 0 0 0						GROUPED BY P	NOJECI PHASI	
July 2016 Budget PRIOR MONTH Total Month PRIOR MONTH Total Month Total VARIANCE REPORT		BUDGET		ACTU	AL COSTS			
1.3.083.83.010.06 - CONTRACT 1252: CONTRACT MOD	[A] Cost Account Description	July 2016						
13.083.83.010.06 - CONTRACT 1252: CONTRACT MOD		-			COMMENT	COMMENT		
1.3.083.83.01.007 - CONTRACT 1252: CONTRACT MOD		(YOE)				Total	· -/	
1.3.083.83.00.03 - CONTRACT 1252: CONTRACT MOD	1.3.083.83.010.06 - CONTRACT 1252: CONTRACT MOD	112,251	90,918	0	21,334	112,251	0	
1.3.083.83.040.02 - CONTRACT 1252: CONTRACT MOD	1.3.083.83.010.07 - CONTRACT 1252: CONTRACT MOD	1,941,810	1,775,627	0	116,183	1,891,810	50,000	
1.3.083.83.040.03 - CONTRACT 1252: CONTRACT MOD		1,004,156		0	· ·		o o	
1.3.083.83.040.08 - CONTRACT 1252: CONTRACT MOD (2,732,852) (2,566,731) (0 65,487 (2,501,244) (231,608) 1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CON 515,057 (0 0 0 0 0 515,057 52 1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CON 515,057 (0 0 0 0 0 0 515,057 52 1.3.084.03.00.03 - UMS.1253: TANGET STATION (UMS) - W 294,030,590 158,520,886 3,087,940 1,995,095 160,515,981 133,514,609 18 3.084.03.020.03 - UMS.1253: UNDERGROUD STATION 253,822,452 136,050,491 2,832,914 1,687,095 137,737,586 116,084,866 3,084,03.020.07 - UMS.1253: DEMOLITION CLEARING 6,071,588 5,794,089 32,501 (0 5,794,089 277,499 3,084,03.040.01 - UMS.1253: SEMULITIES UTIL 3,971,620 2,195,209 (0 253,000 2,448,209 1,523,411 3,084,03.040.03 - UMS.1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 (0 231,010 13,490 3,084,03.040.06 - UMS.1253: EDESTRIAN/BIKE 18,969 12,501 (0 0 12,501 6,468 3,084,03.040.08 - UMS.1253: TEMPORARY FACILITIES 10,398,701 9,669,761 (0 5,000 9,674,761 723,940 3,084,03.050.02 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 10,001 1,805,533 3,084,03.050.05 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 5,001 1,29,313 1,29,313 1,29,313 1,29,314 1,28,304 1,22,314 1,				0	118,156	·	100,000	
1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CON 515.057 0 0 0 0 0 515.057 52		·	· ·	0		·	ů.	
CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTE S59,601,400 392,173,667 11,293,900 6,844,330 399,017,997 460,583,403 53		V 1 1 1	(2,566,731)	0	65,487	(2,501,244)	. , ,	
4- UNION SQUARE/MARKET STREET STATION (UMS) - W 294,030,590 158,520,886 3,087,940 1,995,095 160,515,981 133,514,669 18 3.084,03,020,03 - UMS,1253: UNDERGROUD STATION 253,822,452 136,050,491 2,832,914 1,687,095 137,737,586 116,084,866 3.084,03,020,07 - UMS,1253: ELEVATORS ESCALATOR 9,465,694 1,374,096 38,215 0 5,794,099 277,499 3.084,03,040,01 - UMS,1253: DEMOLITION CLEARING 6,071,588 5,794,089 32,501 0 5,794,089 277,499 3.084,03,040,02 - UMS,1253: SITE UTILITIES UTIL 3,971,620 2,195,209 0 253,000 2,448,209 1,523,411 3.084,03,040,03 - UMS,1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 231,010 13,490 3.084,03,040,04 - UMS,1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 0 212,501 6,468 3.084,03,040,07 - UMS,1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 0 48,001 1,499,184 3.084,03,040,07 - UMS,1253: TRAFFIC SIGNALS AND 4,773,076 2,768,800 146,800 50,000 2,796,800 1,976,276 3.084,03,050,02 - UMS,1253: TRAFFIC SIGNALS AND 4,773,076 2,768,800 146,800 50,000 2,796,800 1,976,276 3.084,03,050,03 - UMS,1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 0 0 0,001 1,805,533 3.084,03,050,04 - UMS,1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3.084,03,050,05 - UMS,1253: TRACTION POWER DISTR 216,957 66,038 0 0 0 5,001 1,129,313 84 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 0 11,258 80,036 3.084,03,050,05 - UMS,1253: UNDERGROUD STATIO 37,456 21,258 0 0 0 0 0 0 0 0 0		,	Ü	Ü		Ţ.		
3.084.03.020.03 - UMS.1253: UNDERGROUD STATION 253,822,452 136,050,491 2,832,914 1,687,095 137,737,586 116,084,866 3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR 9,465,694 1,374,096 38,215 0 1,374,096 8,091,598 3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING 6,071,588 5,794,089 32,501 0 5,794,089 277,499 3.084.03.040,02 - UMS.1253: SITE UTILITIES UTIL 3,971,620 2,195,209 0 253,000 2,448,209 1,523,411 3.084.03.040,03 - UMS.1253: HAZARDOUS MATERIALS 550,000 317,888 0 0 317,888 232,112 3.084.03.040,04 - UMS.1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 231,010 13,490 3.084.03.040,07 - UMS.1253: PEDESTRIAN/BIKE 18,969 12,501 0 0 0 12,501 6,468 3.084.03.040,07 - UMS.1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 0 5,000 9,674,761 723,940 3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.02 - UMS.1253: TRACTION POWER BUSTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 0 11,258 80,036 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 0 0 0 0 0 0 0	CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTE	, ,				/ /		53
3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR 9,465,694 1,374,096 38,215 0 1,374,096 8,091,598 3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING 6,071,588 5,794,089 32,501 0 5,794,089 277,499 3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL 3,971,620 2,195,209 0 253,000 2,448,209 1,523,411 3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS 550,000 317,888 0 0 317,888 232,112 3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 0 231,010 13,490 3.084.03.040.04 - UMS.1253: PEDESTRIAN/BIKE 18,969 12,501 0 0 0 12,501 6,468 3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 0 5,000 9,674,761 723,940 3.084.03.040.08 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.02 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 10,001 1,805,533 3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 5,001 1,129,313 3.084.03.050.05 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 3.084.03.050.05 - UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 63,838 1.3.084.94.020.03 - UMS.1253: COMMUNICATIONS 4,808,706 0 0 0 0 6,3838 1.3.084.94.020.03 - UMS.1253: COMMUNICATIONS 4,808,706 0 0 0 0 0 0 0 0 0	84 - UNION SQUARE/MARKET STREET STATION (UMS) - W	294,030,590	158,520,886	3,087,940	1,995,095	, ,	133,514,609	18
3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING 6,071,588 5,794,089 32,501 0 5,794,089 277,499 3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL 3,971,620 2,195,209 0 253,000 2,448,209 1,523,411 3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS 550,000 317,888 0 0 317,888 223,112 3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 0 231,010 13,490 3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE 18,969 12,501 0 0 0 12,501 6,468 3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 0 0 48,001 1,499,184 3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES 10,398,701 9,669,761 0 5,000 9,674,761 723,940 3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 0 10,001 1,805,533 3.084.03.050.03 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 84 UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 3.084.80.03 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 0 90,000 0 0 0 0 63,838 10.3.084.80.000 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	253,822,452	136,050,491	2,832,914	1,687,095	137,737,586	116,084,866	
3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL 3,971,620 2,195,209 0 253,000 2,448,209 1,523,411 3.084.03.040.03 - UMS.1253: ELEVATORS ESCALAT 90,000 317,888 0 0 0 317,888 232,112 3.084.03.040.04 - UMS.1253: ELEVATORS ESCALAT 90,000 317,888 0 0 0 317,888 232,112 3.084.03.040.06 - UMS.1253: ELEVATORS ESCALATD 0 0 0 0 0 0 0 0 0	1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,465,694	1,374,096	38,215	0	1,374,096	8,091,598	
.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS 550,000 317,888 0 0 317,888 232,112 3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 231,010 13,490 3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE 18,969 12,501 0 0 12,501 6,468 3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 5,000 9,674,761 723,940 3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES 10,398,701 9,669,761 0 5,000 9,674,761 723,940 3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 10,001 1,805,533 3.084.03.050.03 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 44 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 21,258 16,198 3.084.84.020.03 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 0 0 0 4,808,706 5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 3.085.04.020.03 - CTS.1254: GUIDEWAY: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	6,071,588	5,794,089	32,501	0	5,794,089	277,499	
3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA 244,500 231,010 36,510 0 231,010 13,490 3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE 18,969 12,501 0 0 0 12,501 6,468 3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 0 0 48,001 1,499,184 3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES 10,398,701 9,669,761 0 5,000 9,674,761 723,940 3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 10,001 1,805,533 3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 44 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 21,258 16,198 3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 90,000 0 0 3.084.84.04.00.02 - CMOD:UMS.1253: SITE UTILLITIES UTIL 63,838 0 0 0 0 0 63,838 0 0 0 63,838 0 0 0 0 63,838 0 0 0 0 63,838 0 0 0 0 0 63,838 0 0 0 0 0 63,838 0 0 0 0 0 0 0 0 0	1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	3,971,620	2,195,209	0	253,000	2,448,209	1,523,411	
3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE 18,969 12,501 0 0 0 12,501 6,468 3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 0 0 48,001 1,499,184 3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES 10,398,701 9,669,761 0 5,000 9,674,761 723,940 3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 10,001 1,805,533 3.084.03.050.04 - UMS.1253: TRACTION POWER BUSTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 11,258 80,036 3.084.03.050.03 - CMOD:UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 90,000 0 3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 63,838 3.084.84.040.02 - CMOD:UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 0 3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 5.001 0 0 4,808,706 54 5.001 0 0 0 0 4,808,706 54 5.003 0 0 0 0 0 5.003 0 0 0 0 5.004 0 0 0 0 5.005 0 0 0 0 5.006,840 0 0 0 5.006,840 0 0 0 0 5.007 0 0 0 0 5.008 0 0 0 5.009 0 0 0 5.000 0 0 0 5.000 0 0 0 5.000 0 0 0 5.000 0 0 0 5.000 0 0	1.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS	550,000	317,888	Ü	0	317,888		
3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE 1,547,185 48,001 0 0 48,001 1,499,184 3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES 10,398,701 9,669,761 0 5,000 9,674,761 723,940 3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 10,001 1,805,533 3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 44 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 21,258 16,198 3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 0 0 63,838 1.3,084.94.020.03 - UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 63,838 1.3,084.94.020.03 - UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 0 4,808,706 54 5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 3.085.04.020.03 - CTS.1254: UNDERGROUND T 76,417,579 19,794,795 4,556,594 2,388,640 22,183,435 54,234,144 3.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355 1.000 1,000 1,000 1,480,000 1,164,501 5,648,355 1,112,501 0 52,000 1,164,501 5,648,355 1.000 1,164,501 5,648,355 1,112,501 0 52,000 1,164,501 5,648,355 1,112,501 0 52,000 1,164,501 5,648,355 1,112,501 0 52,000 1,164,501 5,648,355 1,112,501 0 52,000 1,164,501 5,648,355 1,112,501 0 52,000 1,164,501 5,648,355 1,112,501 0 52,000 1,164,501 5,648,355 1,112,501 0 52,000	1.3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA	·		36,510	0			
3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES 10,398,701 9,669,761 0 5,000 9,674,761 723,940 3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 10,001 1,805,533 3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 44 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 21,258 16,198 3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 90,000 0 3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 63,838 1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 0 4,808,706 54 5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T 76,417,579 19,794,795 4,556,594 2,388,640 22,183,435 54,234,144 3.085.04.020.03 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE	18,969		0	0	·	6,468	
3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND 4,773,076 2,746,800 146,800 50,000 2,796,800 1,976,276 3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 10,001 1,805,533 3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 44 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 150,919 1,129,313 1,134,314 1	1.3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE	· · · · · ·		0		48,001		
3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL 1,815,534 10,001 1,000 0 10,001 1,805,533 3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 430,655 161,439 60,949,570 72,051,483 3.084.03.050.05 - UMS.1253: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 3.084.02.007 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	, ,		-	· ·	· · · · · · · · · · · · · · · · · · ·		
3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR 216,957 66,038 0 0 0 66,038 150,919 3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 84 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 0 21,258 16,198 3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 90,000 0 0 63,838 1.3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 63,838 1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 0 4,808,706 54 5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T 76,417,579 19,794,795 4,556,594 2,388,640 22,183,435 54,234,144 3.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND			·	50,000	· · · · · · · · · · · · · · · · · · ·		
3.084.03.050.05 - UMS.1253: COMMUNICATIONS 1,134,314 5,001 0 0 5,001 1,129,313 84 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 0 21,258 16,198 3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 90,000 0 3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 63,838 1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 0 4,808,706 54 5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T 76,417,579 19,794,795 4,556,594 2,388,640 22,183,435 54,234,144 3.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL		· ·	1,000	0	*		
84 - UNION SQUARE/MARKET STREET STATION (UMS) C 191,294 111,258 0 0 111,258 80,036 3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 0 21,258 16,198 3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 90,000 0 0 90,000 0 0 0	1.3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR	,	· ·	0	~	· · · · · · · · · · · · · · · · · · ·		
.3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATIO 37,456 21,258 0 0 0 21,258 16,198 3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 90,000 0 0 90,000 0 0 0	1.3.084.03.050.05 - UMS.1253: COMMUNICATIONS			0	0	,		
.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT 90,000 90,000 0 0 90,000 0 0 90,000 0 0 63,838 13.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 0 63,838 13.084.94.020.03 - UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 0 4,808,706 54 5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 13.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T 76,417,579 19,794,795 4,556,594 2,388,640 22,183,435 54,234,144 13.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 13.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355		191,294	,	0	0	111,258	,	
.3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL 63,838 0 0 0 0 0 0 63,838 1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 0 4,808,706 54 5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T 76,417,579 19,794,795 4,556,594 2,388,640 22,183,435 54,234,144 3.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.84.020.03 - CMOD:UMS.1253: UNDERGROUD STATIO	37,456		0	0	21,258	16,198	
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING 4,808,706 0 0 0 0 4,808,706 54 5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 .3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T 76,417,579 19,794,795 4,556,594 2,388,640 22,183,435 54,234,144 .3.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 .3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALAT	· ·	90,000	0	0	90,000	9	
5 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254 247,567,810 103,948,429 5,060,440 2,683,060 106,631,489 140,936,321 .3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T .3.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 .3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.84.040.02 - CMOD:UMS.1253: SITE UTILITIES UTIL		0	0	0	0	63,838	
.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T 76,417,579 19,794,795 4,556,594 2,388,640 22,183,435 54,234,144 3.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING		Ü	~		0		54
.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION 133,001,053 60,788,131 430,655 161,439 60,949,570 72,051,483 3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254	247,567,810	103,948,429	5,060,440	2,683,060	106,631,489	140,936,321	
.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR 6,812,856 1,112,501 0 52,000 1,164,501 5,648,355	1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUND T	76,417,579	19,794,795	4,556,594	2,388,640	22,183,435	54,234,144	
	1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	133,001,053	60,788,131	430,655	161,439	60,949,570	72,051,483	
3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING 400.000 400.000 0 0 400.000 0	1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,812,856	1,112,501	0	52,000	1,164,501	5,648,355	
100,000	1.3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING	400,000	400,000	0	0	400,000	0	





	BUDGET		ACTU.	AL COSTS			
[A] Cost Account Description	[B]	[C]	[D]	[E]	[F]	[G]	
	July 2016 Budget (YOE)	PRIOR MONTH Total	PRIOR MONTH Monthly	CURRENT Monthly	CURRENT Total	VARIANCE (B - F)	COST REPORT NOTES
1.3.085.04.040.02 - CTS.1254: SITE UTILITIES UTIL	6,001,718	4,585,586	47,500	38,850	4,624,436	1,377,282	
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	350,000	12,500	0	0	12,500	337,500	
1.3.085.04.040.04 - CTS.1254: ENVIRONMENTAL MITIGA	325,665	206,064	0	0	206,064	119,601	
1.3.085.04.040.06 - CTS.1254: PEDESTRIAN/BIKE	15,000	0	0	0	0	15,000	
1.3.085.04.040.07 - CTS.1254: AUTOMOBILE BUS ACCE	225,677	27,500	8,000	0	27,500	198,177	
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	16,571,322	15,804,762	0	0	15,804,762	766,560	
1.3.085.04.050.02 - CTS.1254: TRAFFIC SIGNALS AND	1,599,593	956,589	17,691	20,891	977,480	622,113	
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,063,927	227,500	0	0	227,500	3,836,427	
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTRIBUT	124,481	30,000	0	21,240	51,240	73,241	
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	1,658,938	2,500	0	0	2,500	1,656,438	
85 - CHINATOWN STATION (CTS) CMODs	2,602,458	1,049,709	215,181	97,743	1,147,452	1,455,006	55
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	114,570	114,570	0	97,743	212,313	(97,743)	
1.3.085.85.040.03 - CMOD:CTS.1254: HAZARDOUS MATERIAI	2,274,225	729,220	215,181	0	729,220	1,545,005	
1.3.085.85.040.08 - CMOD:CTS.1254: TEMPORARY FACILITIE	57,707	57,707	0	0	57,707	0	
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	2,322,542	0	0	0	0	2,322,542	56
86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PA	158,089,000	86,597,222	815,924	895,672	87,492,894	70,596,106	
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	119,048,929	63,430,599	481,300	226,655	63,657,254	55,391,674	
1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,333,287	804,611	0	0	804,611	4,528,676	
1.3.086.05.040.01 - YBM.1255: DEMOLITION CLEARING	657,000	657,000	0	0	657,000	0	
1.3.086.05.040.02 - YBM.1255: SITE UTILITIES UTIL	6,520,189	5,941,419	151,200	221,760	6,163,179	357,011	
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,629,439	1,676,936	124,715	0	1,676,936	,	
1.3.086.05.040.04 - YBM.1255: ENVIRONMENTAL MITIGA	100,000	84,476	0	0	84,476	· ·	
1.3.086.05.040.06 - YBM.1255: PEDESTRIAN/BIKE	16,665	1	0	0	1	16,664	
1.3.086.05.040.07 - YBM.1255: AUTOMOBILE BUS ACCE	1,542,725	491,401	0	4,000	495,401	1,047,324	
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,564,753	12,284,143	(47,473)	307,669	12,591,812		
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	1,726,492	1,155,835	97,682	111,588	1,267,423	· ·	
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,708,425	60,800	1,000	24,000	84,800	· · · · ·	
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	1,241,096	10,001	7,500	0	10,001	1,231,095	
86 - YERBA BUENA MOSCONE STATION (YBM) CMODs	(1,073,031)	745,949	143,020	0	745,949	(1,818,980)	
1.3.086.86.040.01 - CMOD:YBM.1255: DEMOLITION CLEARIN	84,509	84,509	84,509	0	84,509	0	
1.3.086.86.040.02 - CMOD:YBM.1255: SITE UTILITIES UTIL	673,151	658,262	58,511	0	658,262	14,889	
1.3.086.86.040.08 - CMOD:YBM.1255: TEMPORARY FACILITI	(1,830,691)	3,178	0	0	3,178	(1,833,869)	



MTA Municipal Transportation Agency

Report Period: June 2016 CENTRAL SUBWAY PROJECT 7.9 DETAIL MONTHLY EXPENDITURE REPORT GROUPED BY PROJECT PHASE

	BUDGET	ACTUAL COSTS					
[A] Cost Account Description	[B]	[C]	[D]	[E]	[F]	[G]	
	July 2016 Budget (YOE)	PRIOR MONTH Total	PRIOR MONTH Monthly	CURRENT Monthly	CURRENT Total	VARIANCE (B - F)	COST REPORT NOTES
1.3.086.96.020.03 - YBM.1255: AC: ALLOC CONTING	6,073,032	0	0	0		6,073,032	57
87 - SURFACE TRACKWORK AND SYSTEMS -WORK PACK	139,989,000	40,030,215	1,671,395	1,120,760	41,150,975	98,838,025	
1.3.087.09.010.02 - STS.1256: GUIDEWAY: AT-GRADE SEMI-B	2,860,000	145,000	0	0	145,000	2,715,000	
1.3.087.09.010.06 - STS.1256: GUIDEWAY: UNDERGROUND C	10,274,450	597,001	172,500	10,000	607,001	9,667,449	
1.3.087.09.010.07 - STS.1256: GUIDEWAY: UNDERGROUN	16,510,764	1,748,733	415,000	266,250	2,014,983	14,495,781	
1.3.087.09.010.09 - STS.1256: TRACK DIRECT FIXATION	6,761,089	2,626,871	20,000	10,000	2,636,871	4,124,219	
1.3.087.09.010.12 - STS.1256: TRACK: SPECIAL	4,449,637	2,618,600	0	0	2,618,600	1,831,037	
1.3.087.09.020.01 - STS.1256: AT-GRADE STATION	6,673,138	1,419,168	0	97,607	1,516,775	5,156,363	
1.3.087.09.040.02 - STS.1256: SITE UTILITIES, UTILITY RELO	17,509,893	9,869,638	614,045	453,540	10,323,178	7,186,715	
1.3.087.09.040.03 - STS.1256: HAZARDOUS MATERIALS	200,000	183,626	0	0	183,626	16,374	
1.3.087.09.040.04 - STS.1256: ENVIRONMENTAL MITIGATION	50,000	50,000	0	0	50,000	0	
1.3.087.09.040.07 - STS.1256: AUTOMOBILE BUS ACCE	2,116,925	39,001	0	0	39,001	2,077,924	
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	13,850,984	10,403,503	208,080	235,870	10,639,373	3,211,611	
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL AND SIGNALS	27,543,451	6,032,403	2,000	0	6,032,403	21,511,048	
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	4,485,368	2,440,249	59,100	19,778	2,460,027	2,025,341	
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	9,911,014	983,640	166,000	0	983,640	8,927,374	
1.3.087.09.050.04 - STS.1256: TRACTION POWER DISTRIBUTI	6,099,675	821,281	14,670	27,715	848,996	5,250,679	
1.3.087.09.050.05 - STS.1256: COMMUNICATIONS	8,028,025	51,500	0	0	51,500	7,976,525	
1.3.087.09.050.07 - STS.1256: CENTRAL CONTROL	2,664,586	1	0	0	1	2,664,585	
87 - SURFACE TRACKWORK AND SYSTEMS (STS) CMODS	1,463,954	1,169,999	300,000	52,000	1,221,999	241,955	
1.3.087.89.040.02 - CMOD:STS.1256: SITE UTILITIES, UTILITY	413,431	413,431	0	0	413,431	0	
1.3.087.89.040.03 - CMOD:STS.1256: HAZARDOUS MATERIAI	18,221	18,219	0	0	18,219	2	
1.3.087.89.040.08 - CMOD:STS.1256: TEMPORARY FACILITIE	1,032,302	738,349	300,000	52,000	790,349	241,953	
1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	3,536,045	0	0	0	0	3,536,045	58
141 - CONSTRUCTION ADMINISTATION	2,956,812	0	0	0	0	2,956,812	
1.3.141.97.080.04 - CONSTR.ADMIN:ALLOC CONTING	2,956,812					2,956,812	
142 - LEGAL/PERMITS	2,014,204	0	0	0	0	2,014,204	
1.3.142.01.080.06 - LGL.PRMTSF:LEGAL; PERMITS	2,014,204	0	0	0	0	2,014,204	
144 - STARTUP	8,300,329	0	0	0	0	8,300,329	
1.3.144.01.080.08 - STRT: STARTUP	6,941,907	0	0	0	0	6,941,907	
1.3.144.97.080.08 - STRTA: AC STARTUP ALLOC CONTIN	1,358,422					1,358,422	
151 - TEMPORARY LICENSE AGREEMENT	17,000	0	0	0	0	17,000	





		ROJECT PHAS	=				
	BUDGET		ACTU	JAL COSTS			
[A] Cost Account Description	[B] July 2016	[C]	[D]	[E]	[F]	[G]	COST
	Budget (YOE)	PRIOR MONTH Total	PRIOR MONTH	CURRENT	CURRENT	VARIANCE (B - F)	REPORT NOTES
1.2.151.01.000.05 PEND LYOPOD L DVA LOENGE LODEEN G	17.000	0	Monthly	Monthly	Total	17.000	
1.3.151.01.080.06 - TEMP.LICPORARY LICENSE AGREEME 170 - COMMUNICATIONS CONNECTIONS	17,000 5,757,629	0		0	0	17,000 5,757,629	
1.3.170.01.050.04 - COMM.CONNN:COMMUNICATION CONN	5,757,629	0	0	0	0	5,757,629	
181 - AON RISK INSURANCE CS 163		Ü	0	0	Ü		
	18,113,750	18,798,132			18,798,132	(684,382)	
1.3.181.01.040.08 - AON.CS163 AON RISK INS. 1.3.181.01.080.03 - AON.CS171 AON RISK INS. STUDY	18,088,750 25,000	18,773,132	0	0	18,773,132	(684,382)	
1.3.181.01.080.03 - AON.CS1/1 AON RISK INS. STUDY 191 - FARE COLLECTION CONTRACTOR	,	25,000	0	0	25,000	O O	
	5,400,000	0		Ť	0	5,400,000	
1.3.191.01.050.06 - FARE.CONSUL:FARE COLLECTION	5,400,000	Ü	0	0	U	5,400,000	
192 - THALES T&S CENTRAL CONTROL	487,972	50,000	0	0	50,000	437,972	
1.3.192.01.050.01 - THALES T&S ATCS	487,972	50,000	0	0	50,000	437,972	
202 - JOC2-022.0	63,938	0	0	0	0	63,938	
1.3.202.01.040.02 - JOC2-022:15&22 POTHOLING UTIL1 LGHT	63,938	0	0	0	0	63,938	
203 - JOC2-029.0	53,317	0	0	0	0	53,317	
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	53,317	
302 - PG&E	1,988,173	2,749,912	0	0	2,749,912	(761,739)	
1.3.302.03.050.03 - PGE PERMANENT POWER UMS	(2,350,000)	0	0	0	0	(2,350,000)	
1.3.302.03.050.03 - PGE POWER FEED UMS	2,959,826	115,690	0	0	115,690		
1.3.302.04.050.03 - PGE PERMANENT POWER CTS	(2,350,000)	0	0	0	0	(2,350,000)	
1.3.302.04.050.03 - PGE POWER FEED CTS	2,959,826	0	0	0	0	2,959,826	
1.3.302.05.050.03 - PGE PERMANENT POWER YBM	(2,368,540)	0	0	0	0	(2,368,540)	
1.3.302.05.050.03 - PGE POWER FEED YBM	3,125,222	2,634,222	0	0	2,634,222	491,000	
1.3.302.09.050.03 - PGE POWER FEED STS	11,839 951,356	60,455			60,455	11,839	
331 - BAY AREA RAPID TRANSIT (BART)		,	0	0	,	890,901	
1.3.331.01.080.04 - CM:SFMTA LABOR-ENG SVCS-IRP/BART/ 1.3.331.01.080.06 - CM: BAY AREA RAPID TRANSIT (BART) [951,356	33,152 27,304	0	0	33,152 27,304	(33,152) 924,052	
333 - AMERICAN PUBLIC TRANSP. ASSOCIATION (APTA)	146,500	54,612	0	0	54,612	924,032	
1.3.333.01.080.03 - APTA:APTA - IRP [2G]	46,500	27,304	0	0	27,304	19,196	
1.3.333.01.080.03 - APTA:APTA - IRP [2G] 1.3.333.01.080.03 - APTA:APTA - IRP [2C]	100,000	27,304 27,308	0	0	27,304 27,308	72,692	
334 - BART FARE COLLECTION SYSTEM	700,000	27,308	0	0	27,308	700,000	
1.3.334.01.050.06 - BART:BART FARE COLLECTION EQP	700,000	0	0	0	0	700,000	
401 - ECONOMIC AND WORKFORCE DEVELOPMENT (EWD	17,600	17,600	0	0	17,600	700,000	
1.3.401.01.080.04 - EWD: MAYORS OFFICE ECON DEV	17,600	17,600	-	0	17,600	Ÿ	
1.3.401.01.000.04 - EWD: MATOKS OFFICE ECON DEV	17,000	17,000	U	I	17,000	U	

SFMTA

Municipal Transportation Agency

	BUDGET		ACTU	AL COSTS			
[A] Cost Account Description	[B]	[C]	[D]	[E]	[F]	[G]	COST
	July 2016 Budget	PRIOR	PRIOR	CURRENT	CURRENT	VARIANCE	REPORT
	(YOE)	MONTH Total	MONTH Monthly	Monthly	Total	(B - F)	NOTES
402 - DEPARTMENT OF TECHNOLOGY	242,371	237,534	Violent	. Violutiv 0	237,534	4,837	
1.3.402.07.050.04 - DT:1UTL:COMM. CONNECTIONS	166,756	166,179	0	0	166,179	577	
1.3.402.08.050.04 - DT:2UTL:COMM.CONNECTIONS	75,615	71,354	0	0	71,354	4,261	
404 - DEPARTMENT OF BUILDING INSPECTION (DBI)	1,204,081	1,204,081	0	0	1,204,081	0	
1.3.404.01.080.06 - DPT OF BUILDING INSPECTION	1,204,081	1,204,081	0	0	1,204,081	0	
491 - FORM B - REIMBURSEMENT	(12,227,954)	0	0	0	0	(12,227,954)	
1.3.491.02.040.02 - FORMB - CONTRACT 1252 UTILITY REIM	(254,050)	0			0	(254,050)	59
1.3.491.03.040.02 - FORMB - UMS:CONTRACT 1300 UTILITY I	(528,370)	0			0	(528,370)	60
1.3.491.04.040.02 - FORMB - CTS:CONTRACT 1300 UTILITY R	(451,703)	0			0	(451,703)	61
1.3.491.05.040.02 - FORMB - YBM:CONTRACT 1300 UTILITY	(100,000)	0			0	(100,000)	62
1.3.491.07.040.02 - FORMB - CONTRACT 1250 UTILITY REIM	(2,275,419)	0			0	(2,275,419)	64
1.3.491.08.040.02 - FORMB - CONTRACT 1251 UTILITY REIM	(7,618,412)	0			0	(7,618,412)	65
1.3.491.09.040.02 - FORMB - STS:CONTRACT 1300 UTILITY R	(1,000,000)	0			0	(1,000,000)	66
TOTAL CONSTRUCTION PHASE	1,328,140,481	761,555,836	13,803,243	8,343,337	769,899,172	558,299,940	
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 M	827,132	828,051	(128)	0	828,051	(919)	
1.4.091.01.070.01 - LRVS: LRV PROCUREMENT ODC	25,000	0	0	0	0	25,000	
1.4.091.01.070.01 - LRVS: LRV PROCUREMENT	11,131,868	0	0	0	0	11,131,868	
1.4.091.97.070.01 - LRVA:AC: VEHICLES ALLOC CONTI	13,076,653					13,076,653	21
TOTAL VEHICLES	26,385,653	2,147,824	(128)	0	2,147,824	24,237,830	
1.5.015.01.060.01 - RE: EASEMENT ACQUISIT	400,000	322,939	0	0	322,939	77,061	
1.5.015.01.060.01 - RE: REAL EST SITE ACQ	16,523,400	14,307,667	0	0	14,307,667	2,215,733	
1.5.015.01.060.01 - RE: REAL ESTATE	750,000	766,272	0	0	766,272	(16,272)	
1.5.015.01.060.01 - RE: REC & PARK MOU	6,987,624	6,987,624	0	0	6,987,624	0	
1.5.015.01.060.01 - RE:-DEPT OF TRANSPOR	2,686,000	2,686,000	0	0	2,686,000		
1.5.015.01.060.01 - RE:-LICENSES FEES	400,000	381,311	0	0	381,311	18,689	
1.5.015.97.060.01 - RE:A:AC: RE: REAL ESTATE ALLO	5,265,478					5,265,478	
1.5.023.01.060.01 - ATTY:REAL ES	2,212,882	2,678,858	0	77,918	2,756,776	(543,894)	
1.5.101.01.060.02 - RES.RELO: RELOCATION COST	1,275,200	1,289,701	0	0	1,289,701	(14,501)	
1.5.102.01.060.02 - COMM.RELO-RELOC COMMERCIAL	905,311	1,119,729	0	0	1,119,729	(214,418)	
TOTAL ROW, LAND, EXISTING IMPROVEMENTS	37,405,895	30,540,101	0	77,918	30,618,019	6,787,876	
1							

Municipal Transportation Agency

Report Period: June 2016 CENTRAL SUBWAY PROJECT 7.9 DETAIL MONTHLY EXPENDITURE REPORT GROUPED BY PROJECT PHASE

	BUDGET		ACTU	AL COSTS			
[A] Cost Account Description	[B]	[C]	[D]	[E]	[F]	[G]	
	July 2016 Budget (YOE)	PRIOR MONTH Total	PRIOR MONTH Monthly	CURRENT Monthly	CURRENT Total	VARIANCE (B - F)	COST REPORT NOTES
90 - CONTINGENCY	79,728,516					79,728,516	
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	24,749,924					24,749,924	67
TOTAL ALLOCATED CONTINGENCY	54,978,592					54,978,592	
TOTAL PROJECT COST	1,578,300,001	955,093,287	13,803,114	8,421,254	963,514,541	614,844,092	



7.1 F	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.
14a	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.

7.4 Contingency Management Trend Report

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.



16	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.
17	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 reflet 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 contigency. 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.
18	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.
19	In March 2016 Report, lowered Contract 1300 Stations CTS contingency by \$75,000 because Contract Modification #6 was funded by Project CPT718. The \$75,000 has been transferred to program's unallocated contingency.
20	In April 2015 report, real estate budget stated in RAMP Rev5 is \$36.7M, including \$1M contingency. The cost workbook ROW & contingency budget reflects this with \$36,511,799 and \$1,000,000 respectively. Revised costbook ROW budget & contingency to be \$37,511,799. The \$4,265,478 Caltrans lease savings is allocated to ROW allocated contingency.
21	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.
22	In Oct 2014 Report, made two corrections: i) revised Professional Services, Original Contract Value "column a" from \$310,518,041 to \$310,618,041, ii) revised Original Congency. "column f" unallocated contingency from \$3,883,481 to \$3,845,945. In April 2015 report, used \$500K program contingency for CS-175 Bayland Soil Process contract. In August 2015 Report, added \$15M from Contract 1252. In March 2016 Report, the \$155,468 costs funded by other project offset credits and \$75K funded by CPT718 added to program's unallocated contingency.
23	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.
24	Estimate at Completion is shown at Column "e".
25	Estimate at Completion vs. Budget variance is shown at Column "k".

7.5 Contract Modification/Trend Log - Contract 1300 Stations



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



7.6 B	Sudget Revisions: Report Sorted by Construction Packages
27	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.
28	In March 2016 Report, lowered Contract 1300 Stations CTS contingency by \$75,000 because Contract Modification #6 was funded by Project CPT718. The \$75,000 has been transferred to program's unallocated contingency. Refer to Report Note #19
29	Budget for Soil Process contract.
30	Program contingency increased by \$5,265,478. Refer to Report Note #20.
31	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.
32	In April 2015 report, program contingency decreased by \$500,000. Refer to Reports #20. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contigency. 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.

7.9 Detail Monthly Expenditure Report

Phase	e 1	Prelir	minary	Eng	ine	ering	

Famis cost for Preliminary Engineering (PE) is \$48,210,903.71. Cost Report for Preliminary Engineering (PE) is \$46,542,060. Some Design cost reported in Famis were moved to Design Phase, refer to Notes #19 and #20.

Phas	se 2 Design Phase
34	Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.
35	Famis Phase 1 PE Index Code: 357906.CPT5441112 cost is \$10,222,939
33	\$8,949,300 is reported in Cost Report Phase 1 PE and the balance of \$1,273,639 is reported in Phase 2 Design.
	1.2.021.01.080.03 - FD:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]:
	FAMIS: \$1,425,167
36	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]



	1.2.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]:
	FAMIS: \$2,294,910
37	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]
	1.2.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]:
38	FAMIS: \$4,698,167
36	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]
39	AVA Cost \$395,204 is reported in Phase 2 Final Design 1.2.066.01.080.03
	1.2.071.01.080.02 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]:
40	FAMIS: \$5,608,147
40	Cost Report: \$5,469,336
	Cost Transfer: \$138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]
	1.2.072.01.080.02 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]:
41	FAMIS: \$26,268,511
41	COST REPORT: \$26,220,609
	COST TRANSFER: \$47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]
	1.2.073.01.080.02 - FD:FINAL DESIGN-DP3 [35CPT5441236.CPT5441236]:
42	FAMIS: \$11,502,372
444	COST REPORT: \$11,432,312
	COST TRANSFER: \$70,060 to 1.3.073.01.080.04 - CM: DP3 [35CPT5441236.CPT5441236]

Phas	e 3 CONSTRUCTION PHASE
	1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]:
43	FAMIS: \$1,525,982
43	Cost Report: \$1,425,167 1.2.021.01.080.03
	Cost Transfer: any future costs to 1.3.021.01.080.03
	1.3.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]:
44	FAMIS: \$2,294,910
44	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
	1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]:
45	FAMIS: \$4,698,167
45	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]



46	Used \$500K program contingency for CS-175 Bayland Soil Process contract. Refer to Report Notes #20.
	1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]:
47	FAMIS: \$5,608,147
47	Cost Report: \$5,469,336
	Cost Transfer: \$138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]
	1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]:
40	FAMIS: \$26,268,511
48	COST REPORT: \$26,220,609
	COST TRANSFER: \$47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]
49	Contract 1251 Final cost is \$20,794,582.
50	In March 2016 and July 2016, contract 1252 modifications budget and actuals have been realinged and adjusted to reflect actuals
50	costs.
51	In March 2016 and July 2016, contract 1252 modifications budget and actuals have been realigned and adjusted to reflect actuals
31	costs.
	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
52	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.
53	Revised Contract 1252 allocated contingency SCC code from 040.08 to 010.07.
54	Revised Contract 1300/UMS allocated contingency SCC code from 040.08 to 020.03.
55	In March 2016 Report, reduced Contract 1252 contingency by \$377,435 cost to reflect certification of five CMODS.
56	Revised Contract 1300/CTS allocated contingency SCC code from 040.08 to 020.03.
57	Revised Contract 1300/YBM allocated contingency SCC code from 040.08 to 020.03.
58	Revised Contract 1300/STS allocated contingency SCC code from 040.08 to 020.01.
59	Revised Form B Reimbursements SCC code from 900.01 to 040.02
60	Revised Form B Reimbursements SCC code from 900.01 to 040.02
61	Revised Form B Reimbursements SCC code from 900.01 to 040.02
62	Revised Form B Reimbursements SCC code from 900.01 to 040.02
63	Revised Form B Reimbursements SCC code from 900.01 to 040.02
64	Revised Form B Reimbursements SCC code from 900.01 to 040.02
65	Revised Form B Reimbursements SCC code from 900.01 to 040.02
66	Revised Form B Reimbursements SCC code from 900.01 to 040.02
	Increase Program contingency \$1,023,508. Refer to Report Notes #11 and #12. In April 2015 report, program contingency
67	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.



Appendix B DETAIL SCHEDULE REPORTS

SCHEDULE HIGHLIGHTS

The Master Project Schedule (MPS) below includes progress through July 2016. The July 2016 Schedule Update submittal from Contract 1300 Contractor is rejected due to incorrect schedule logic. The Contract 1300 schedule represented in this report is based on the SFMTA July 2016 Schedule Update.

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

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

Schedule Contingency is fully utilized on the critical path of the MPS, which is below the Minimum Schedule Contingency level of 6 months. A schedule re-evaluation will be performed, utilizing the updated Contract 1300 Schedule. Recovery options are being implemented in key areas as work proceeds. SFMTA continues to meet with Contractor to discuss all schedule concerns and comments. TPC continues to experience lower production rates during their mining activity that resulted in a lost 18 calendar days in month of July. Four days of time in this reporting period can be attributed to an equipment (crane) failure. Impacts of this incident caused a temporary lapse in excavation and support of the crosscut cavern top center drift. Multiple mitigation measures were continued by TPC in an effort to recover some lost time. It is not unusual for SEM production rates to initially fall behind at activity startup. TPC has identified mitigation measures, extending workday shifts to two-twelve hours shifts, working weekends and re-sequencing critical path activities to recover lost time. Contract 1300 Schedule delay in July results in the forecast Revenue Service Date slipping to July 25, 2019.

Contract 1300 Contractor submitted twenty (20) Schedule Updates from December 2014 to July 2016. SFMTA rejected eight (8) Schedule Updates from September 2015 to April 2016. SFMTA approved as noted the May 2016 Schedule Update. The status of the June 2016 Schedule Update is Disapproved. Contractor has been directed to develop a Recovery Schedule as required by Contract and correct out-of-sequence and Retained Logic driving many of the forecast dates. Review of schedule updates as well as identifying recovery options is ongoing.

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

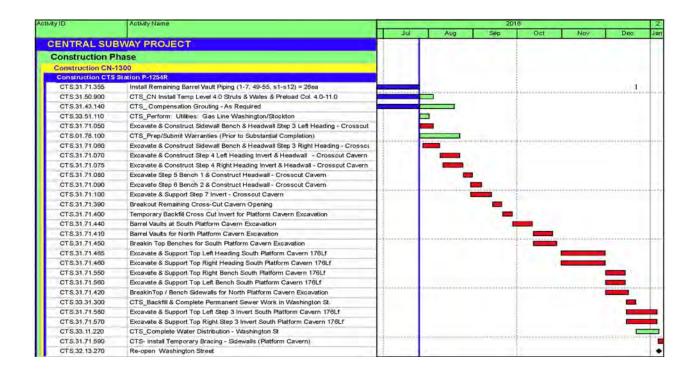
The Contractor, Tutor Perini Corporation's (TPC) baseline schedule is incorporated into the master program. The preliminary SFMTA Contract 1300 July 2016 schedule is used within the July Report. The SFMTA Contract 1300 July 2016 schedule is based on the approved baseline schedule logic with adjustments made for fixing retained logic and lags. The SFMTA will continue to use their Contract 1300 schedule update as a forecasting tool going forward until the Contract 1300 Contractor submits an acceptable schedule that addresses all of SFMTA scheduling concerns.

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

- Head house- excavated to Temp Level 5.0 Walers and Struts
- Cross Cut Cavern: Approximately half-done with CCC under Stockton Street
- Incidental street work (minor), ongoing monitoring and surveying
- North Emergency Egress Shaft excavation ongoing

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

- Crosscut Cavern: continue tunneling under Stockton Street
- Compensation grouting may take place
- Head house Finish Level 5 excavation and installation of Walers and Struts to by August 15 (approximately)
- Continue with lower level of Crosscut Cavern

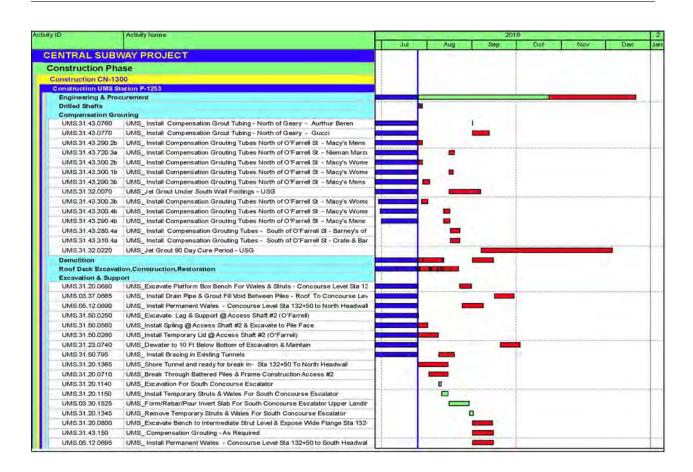


Work Package P-1253 (UMS) has performed the following work this month:

- Restore one lane on Stockton Street between Post and Geary Streets. O'Farrell full closure has been requested
- North Concourse: Continue to relocate street light conduit; restore sidewalk; complete backfill and install paving. Below deck: installed waterproofing, sidewalk and ramps; continue to Concourse level wales and struts
- Platform Station: Drilled and installed compensation grout pipes and performed preconditioning of compensation grout pipes. Installed lookouts and star packs and installed shotcrete
- South Concourse: Continue to chip/prep piles for stub beams/vertical drain slots. Excavated behind escalator piles
- UMS Garage: Commence PCC030 Underpinning along GL-16. Commence installation of new column footings along south wall of the garage. Continue FRP new shear walls along GL10, and B-line of the new ramp/station interface

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

- Nighttime lane closures expected for jet grout coring and utility work
- North Concourse: Below deck: installed lookouts and wales; installed shotcrete for benches and pile repair
- Platform Station: Drilled, installed and completed preconditioning of compensation grout pipes. Installed lookouts, benches and wales. Performed pile cap repair for Roof Deck 1A piles. Installed AWSS pipe at night
- South Concourse: Drilled and installed compensation grout pipes. Chipped/prepped piles for stub beams and vertical drain slots
- Ellis Annex: Chipped/prepped piles for vertical drain slots. Performed culvert/catch basin installation
- UMS Garage: Complete 16-line underpinning micropile installation. Complete FRP B-line wall and continue FRP of structural concrete roof over new ramp. Continue footing installation along south wall of garage

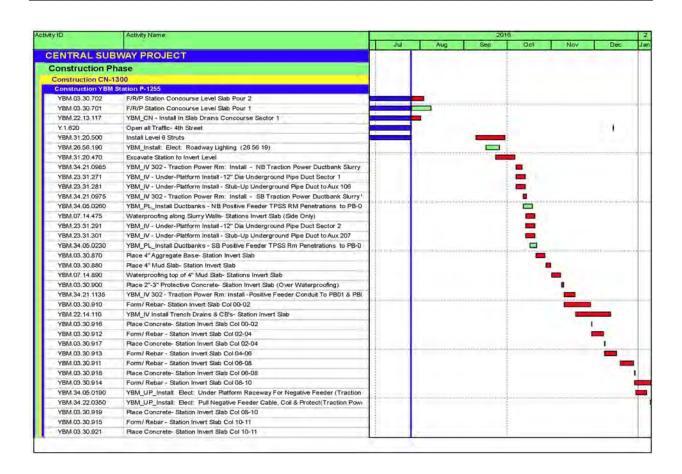


Work Package P-1255 (YBM) has performed the following work this month:

- Continue utility installation on 4th Street north of the north headwall
- Shotcrete for interior walls in Concourse is in progress
- Placing cast-in-place concrete walls in Mezzanine is in progress

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

- Continue utility installation on 4th Street north of the north headwall
- Continue to cast interior concrete walls in Mezzanine
- Continue placing shotcrete interior perimeter walls in Concourse



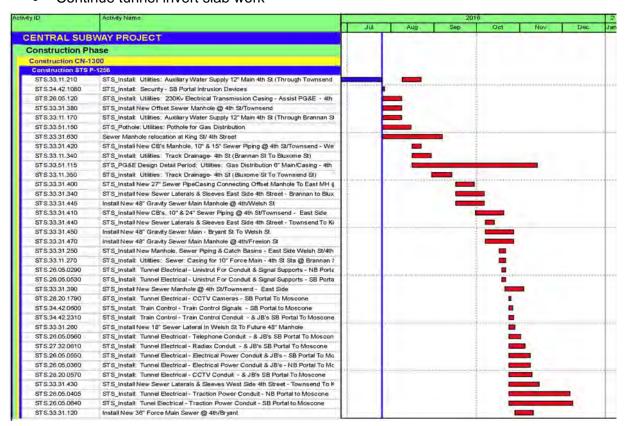
Work Package P-1256 (STS) has performed the following work this month:

- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation
- Continue 36" sewer force main
- Continue Auxiliary Water Supply System (AWSS) installation
- Continue water line work
- Continue OCS pole foundation installation
- Continue tunnel drainage system installation
- Continue tunnel invert slab work

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

- Continue 78" sewer rehabilitation
- Continue MRY ductbank and vault installation
- Continue 36" sewer force main
- Continue AWSS installation
- Continue waterline installation

- Continue OCS pole foundation installation
- Continue tunnel drainage system installation
- Continue tunnel invert slab work

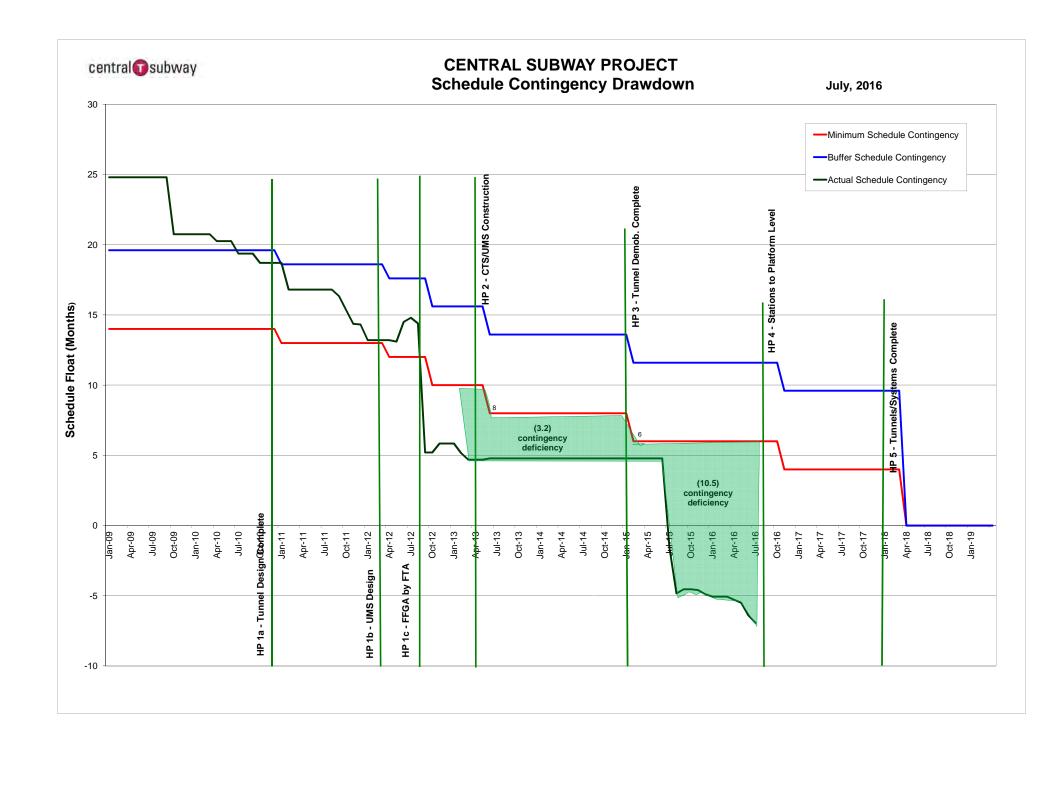


SCHEDULE REVISIONS

The SFMTA Contract 1300 July 2016 schedule update was added this period to the Central Subway Project Master Schedule.

LIST OF SCHEDULE REPORTS

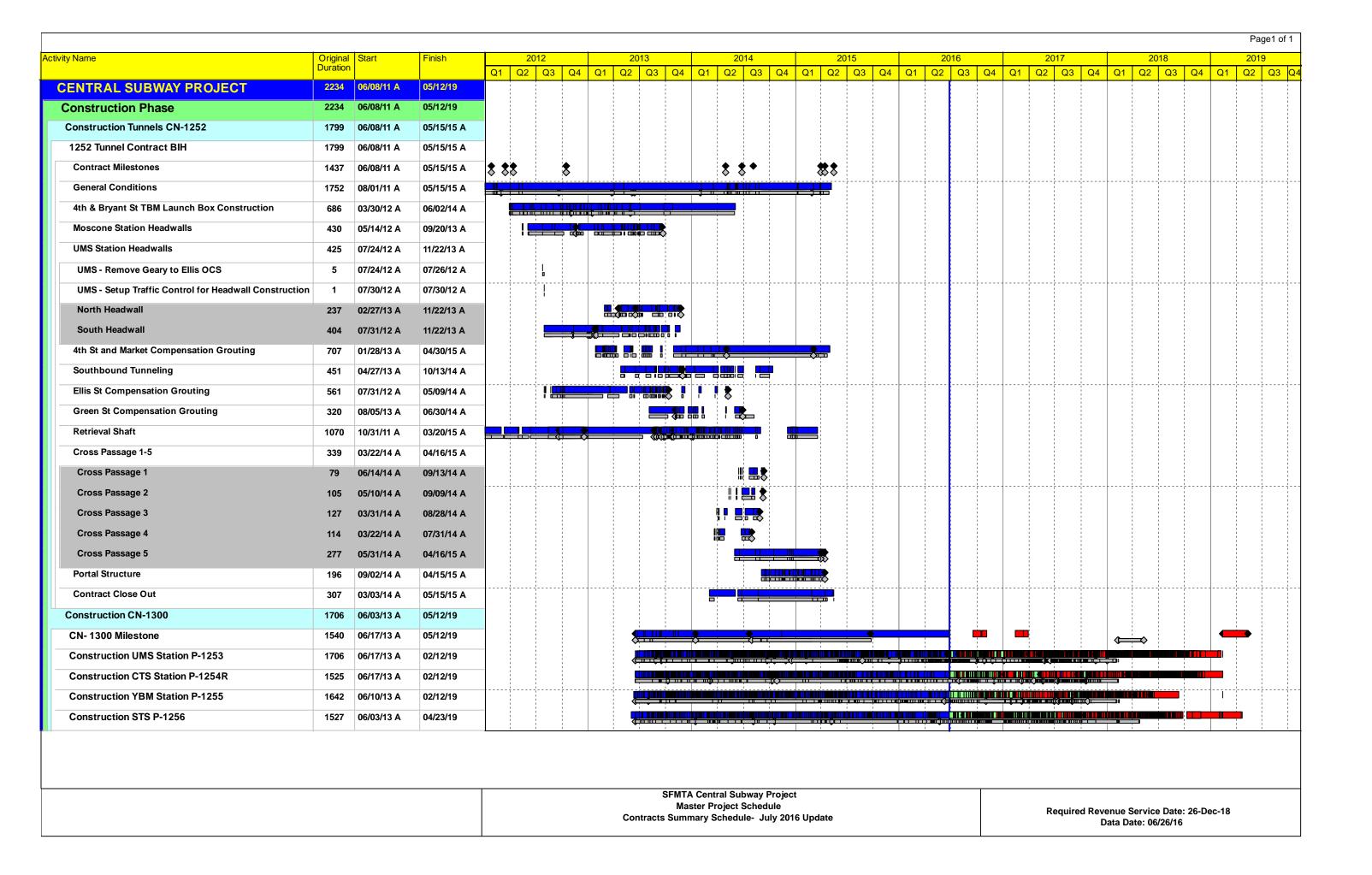
- 1.1. Schedule Contingency Drawdown
- 1.2. Master Summary Schedule
- 1.3. Program Critical Path Schedule
- 1.4. Construction Contract Summary Schedule
- 1.5. Detail Schedule for Remaining Work

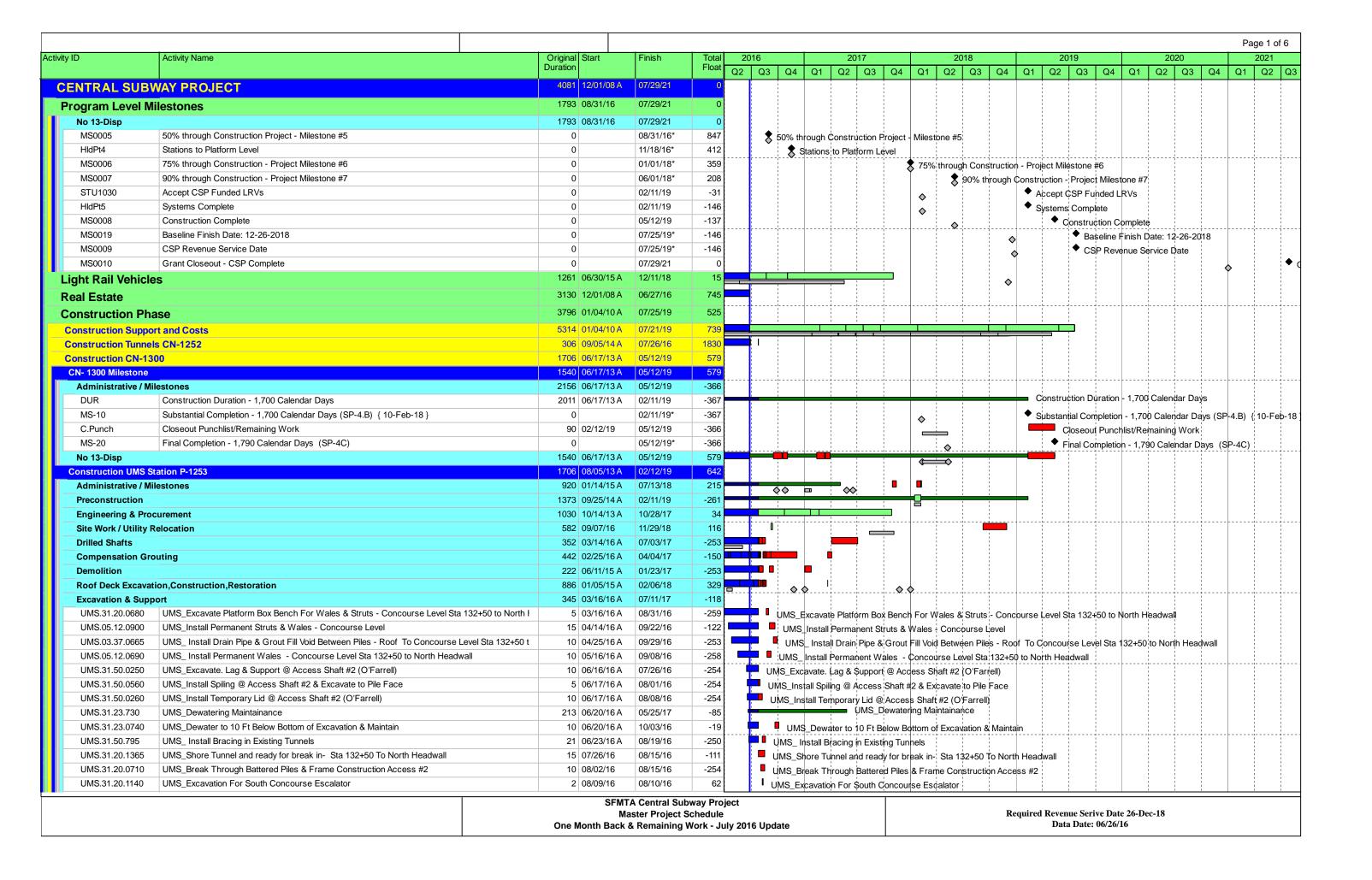


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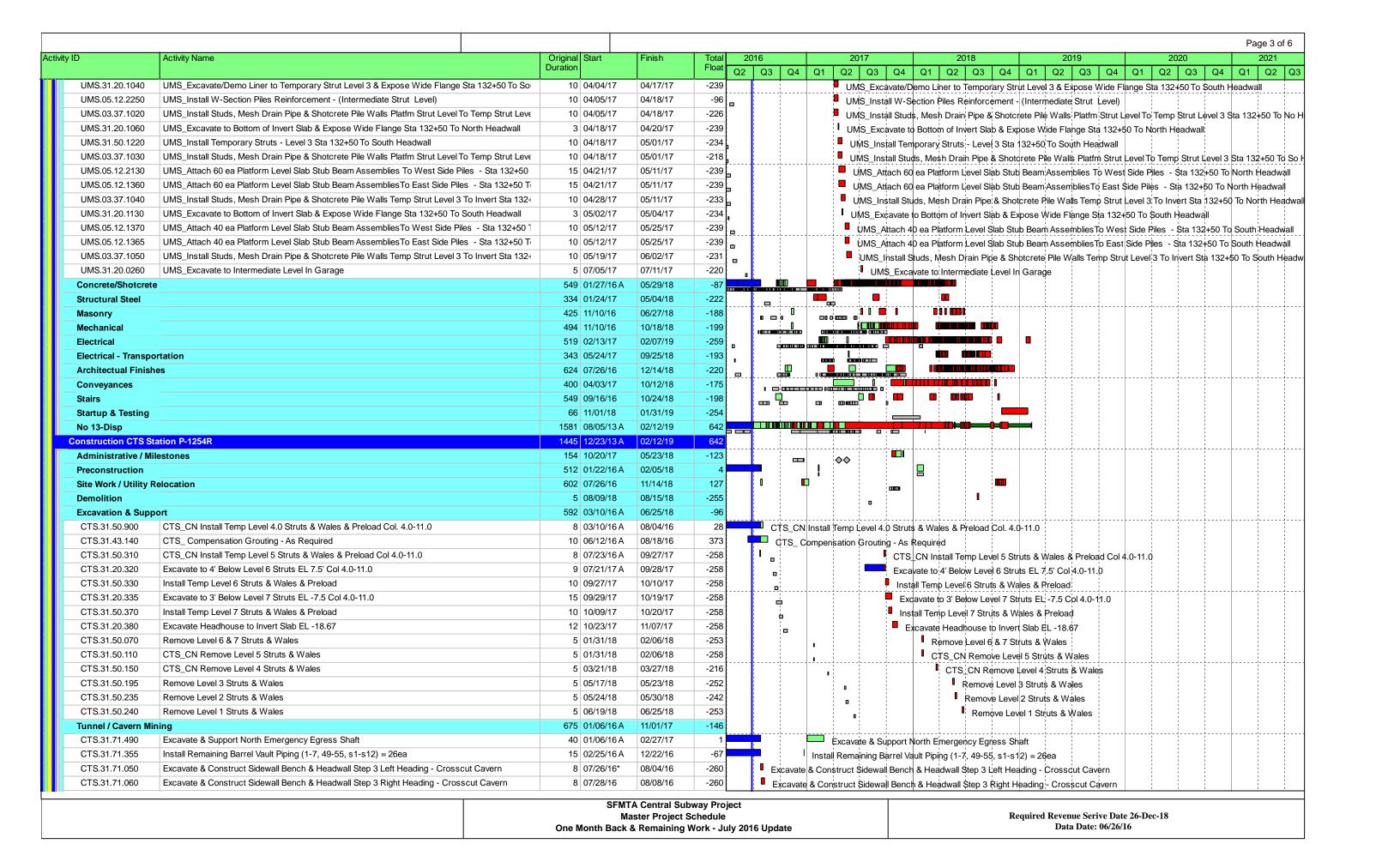
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	5 Install Rebar & Grout Piping - Final Lining invert - Crossover Cavern	20 11/28/17	12/20/17	-313			Install Rebar & Grout	1:		
	0 Place Smoothing Concrete - Final Lining Invert -Cross Cut Cavern	6 12/21/17	12/28/17	-313				ncrete - Final Lining In		
	5 Place Concrete - Final Lining invert - Crossover Cavern	20 12/21/17	01/15/18	-313			Place Concrete - Fir			
	Install Waterproofing & Grout Pipes - Final Lining Invert -Cross Cut Cavern	5 12/29/17	01/04/18	-313				& Grout Pipes - Final		ut Cavern
	Install Rebar - Final Lining Invert -Cross Cut Cavern	10 01/05/18	01/16/18	-313				Lining Invert -Cross C		
	0 Place Concrete - Final Lining Invert -Cross Cut Cavern	10 01/17/18	01/27/18	-313			1 1 1 1	nal Lining Invert -Cross		
	Install Waterproofing - Final Lining Arches - Crosscut Cavern	15 01/29/18	02/14/18	-313				ing - Final Lining Arch		
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CTS.03.30.760	O Shore/Rebar/Form Pour Track Slab - Crosscut Cavern	15 03/09/18	03/29/18	-261				orm Pour Track Slab - C		
CTS.03.30.780	Rebar/Form/ Pour Platforms - Crosscut Cavern	20 03/23/18	04/19/18	-261			Rebar/Form/ I	Pour Platforms - Crosso	ut Cavern	
CTS.03.30.770	Shore/Rebar/Form Pour Concourse Level Slab - Crosscut Cavern	15 04/06/18	04/26/18	-261			■ Shore/Rebar/	Form Pour Concourse	Level Slab - Crosscut	Cavern
CTS.09.83.664	4 CTS_PL 05 Spray - Set Up Scaffold- Platform Level	5 04/27/18	05/03/18	-261			■ CTS_PL 05 S	pray - Set Up Scaffold-	Platform Level	
CTS.09.83.544	4 CTS_PL 05 Spray - Acoustical Vermiculite Wall Plaster NB - Sector 2	6 05/04/18	05/11/18	-261			■ CTS_PL 05 \$	Spray - Acoustical Verm	iculite Wall Plaster N	B - Sector 2
CTS.09.83.554	4 CTS_PL 05 Spray - Acoustical Vermiculite Wall Plaster SB - Sector 2	6 05/14/18	05/21/18	-261			CTS_PL 05	Spray - Acoustical Verr	niculite Wall Plaster S	B - Sector 2
CTS.34.21.122	2 CTS_PL Station Platform: Install - Traction Power Box PS01 @ SB Track - Sec	3 05/22/18	05/24/18	-261			CTS_PL Sta	tion Platform: Install -	Traction Power Box	PS01 @ SE
CTS.34.05.160	CTS_PL_Install Conduit SB Positive Feeder Box PS01 to PS05 (Traction Power)	5 05/25/18	05/31/18	-261			■ CTS_PL_In	stall Conduit SB Positi	ve Feeder Box PS01 t	o PS05 (Tra
CTS.34.05.170	O CTS_PL_Install Conduit SB Positive Feeder Box PS01 to PS07 (Traction Power)	5 06/01/18	06/07/18	-261			■ CTS_PL_II	nstall Conduit SB Posit	ve Feeder Box PS01	to PS07 (Tr
CTS.34.05.180	CTS_PL_Install:Conduit SB Positive Feeder Box PS02 to PS08 (Traction Power)	5 06/08/18	06/14/18	-261			CTS_PL_I	nstall:Conduit SB Posi	ive Feeder Box PS02	to PS08 (Tr
CTS.03.46.980	O CTS_PL Station Platform: Install - GFRC Perforated Wall Panel System SB - 5	15 06/15/18	07/05/18	-261			CTS_PL	Station Platform: Insta	II - GFRC Perforated	Wall Panel
CTS.03.46.164	4 CTS_PL Station Platform: Install - GFRC Perforated Ceiling Panels - Sector 2	15 07/06/18	07/26/18	-261			CTS_P	Station Platform: Ins	all - GFRC Perforated	I Ceiling Pa
CTS.14.31.265	Set Escalator Trusses 1 & 2 (Concourse to Platform) - Crosscut	2 07/27/18	07/30/18	-261			Set Esc	calator Trusses 1 & 2 (C	oncourse to Platform)	- Crosscut
CTS.14.31.275	CTS_PL_Assemble Components Escalator #1	15 07/31/18	08/20/18	-261			■ CTS_	PL_Assemble Compon	ents Escalator #1	
CTS.14.31.415	CTS_PL_Assemble Components Escalator #2	15 08/21/18	09/10/18	-261			■ CTS	_PL_Assemble Compo	nents Escalator #2	
CTS.09.66.616	6 CTS_PL Station Platform Cross-Cut Cavern: Install - Terrazzo Flooring Sector 2	5 09/11/18	09/17/18	-261			■ CTS	PL Station Platform C	ross-Cut Cavern: Inst	all - Terrazz
	8 CTS_PL Station Platform Cross-Cut Cavern: Install - Terrazzo Cove Base Secto	5 09/18/18	09/24/18	-261			■ CTS	S_PL Station Platform (Pross-Cut Cavern: Ins	tall - Terraz
CTS.09.66.620	O CTS_PL Station Platform Cross-Cut Cavern: Grind & Polish - Terrazzo Flooring	10 09/25/18	10/08/18	-261			• ст	S_PL Station Platform	Cross-Cut Cavern: Gr	ind & Polis
CTS.14.24.255	5 CTS-PL 05: Assemble Elevator #1	15 10/09/18	10/29/18	-261			= 0	TS-PL 05: Assemble El	evator #1	
CTS.14.24.265	5 CTS-PL 05: Assemble Elevator #2	15 10/30/18	11/19/18	-261				CTS-PL 05: Assemble I	levator #2	
	5 CTS-PL 05: Install Elevator Power & Controls	10 11/20/18	12/03/18	-261				CTS-PL 05: Install Ele	vator Power & Contro	Is
CTS.08.44.265	5 CTS_PL Install Elevators 1 & 2 Glass Enclosure - Crosscut Platform Level	10 11/20/18	12/03/18	-261				CTS_PL Install Elevat	ors 1 & 2 Glass Enclos	sure - Cross
	0 Install Elevators 1 & 2 Glass Enclosure - Crosscut Concourse Level	10 11/20/18	12/03/18	-261				Install Elevators 1 & 2	Glass Enclosure - Cro	osscut Con
	5 CTS-PL 05: Startup & Test Elevators 1&2	5 12/04/18	12/10/18	-261				CTS-PL 05: Startup &	Test Elevators 1&2	
	5 CTS-PL 05:Inspections - Elevators 1&2	1 12/11/18	12/11/18	-261				CTS-PL 05:Inspection		
	CTS- Building Systems Start-up & Testing	44 12/12/18	02/11/19	-261				i i i i	stems Start-up & Testi	ng
Project Start Up		164 02/11/19	07/25/19	-211						
STU1010	S&S Certification / Pre-Revenue Activities	115 02/11/19	07/25/19	-146				S&S C	ertification / Pre-Rever	nue Activitie
BUF0018	Muni Float	0 07/25/19	07/25/19	-146				Muni F		





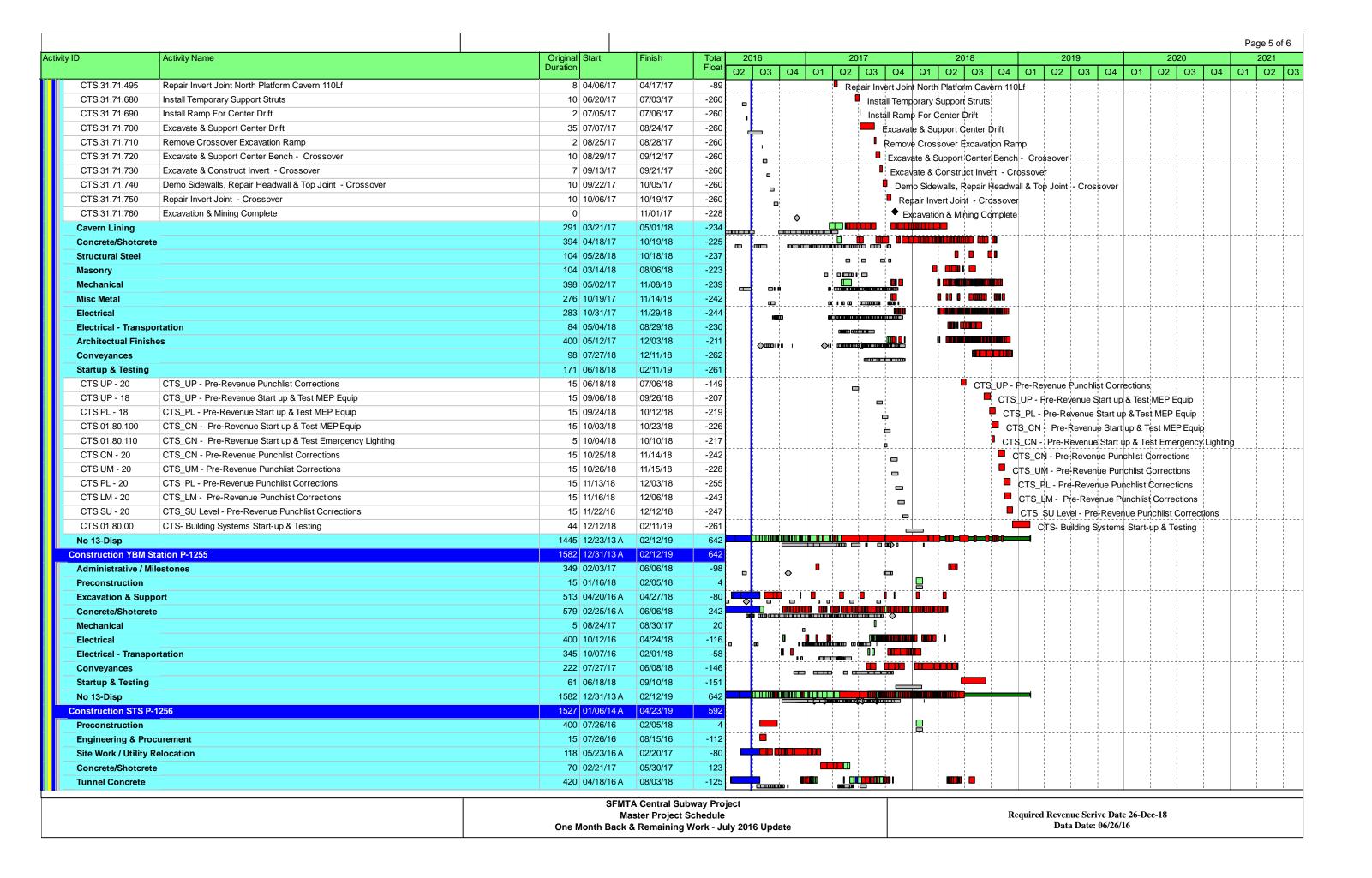
						Page 2 of 6
Activity ID	Activity Name	Original Duration	Start	Finish	Floot	2016 2017 2018 2019 2020 2021
UMS.31.20.1150	UMS Install Temporary Struts & Wales For South Concourse Escalator		08/11/16	08/15/16	62 G2	2 Q3 Q4 Q1 Q2 Q3
UMS.03.30.1525	UMS_Form/Rebar/Pour Invert Slab For South Concourse Escalator Upper Landing		08/16/16	08/29/16	62	UMS_Install Temporary Struts & Wales For South Concourse Escalator UMS_Form/Rebar/Pour Invert Slab For South Concourse Escalator Upper Landing
UMS.31.20.1345	UMS_Remove Temporary Struts & Wales For South Concourse Escalator		08/30/16	09/01/16	62	
UMS.31.20.0800	UMS_Excavate Bench to Intermediate Strut Level & Expose Wide Flange Sta 132+50 to North He		09/01/16*	09/01/16	-258	UMS_Remove Temporary Struts & Wales For South Concourse Escalator
UMS.31.43.150	UMS_Compensation Grouting - As Required		09/01/16	09/14/16	-7	UMS_Excavate Bench to Intermediate Strut Level & Expose Wide Flange Sta 132+50 to North Headwall
UMS.05.12.0695	UMS Install Permanent Wales - Concourse Level Sta 132+50 to South Headwall		09/01/16	09/15/16	-259	UMS_Compensation Grouting - As Required
	_			09/15/16	-258	UMS_Install Permanent Wales - Concourse Level Sta 132+50 to South Headwall
UMS.05.12.0705	UMS_Install & Pre-Load Permanent Struts - Concourse Level Sta 132+50 to North Headwall - 1		09/01/16	09/15/16	62	UMS_Install & Pre-Load Permanent Struts - Concourse Level Sta 132+50 to North Headwall - 13ea
UMS.03.30.1535	UMS_Form/Rebar/Pour Walls For South Concourse Escalator Upper Landing		09/02/16			UMS_Form/Rebar/Pour Walls For South Concourse Escalator Upper Landing
UMS.03.37.0980	UMS_Install Studs, Mesh, Drain Pipe & Shotcrete Pile Walls Concourse to Intermediate Level S		09/07/16*	09/20/16	-253	UMS_ Install Studs, Mesh, Drain Pipe & Shotcrete Pile Walls Concourse to Intermediate Level Sta 132+50 to North Headwal
UMS.05.12.0715	UMS_ Install & Pre-Load Permanent Struts - Concourse Level Sta 132+50 to South Headwall -		09/09/16	09/22/16	-259	UMS_Install & Pre-Load Permanent Struts - Concourse Level Sta 132+50 to South Headwall - 13ea
UMS.05.12.0830	UMS_Install & Pre-Load Permanent Struts - Intermediate Strut Level Sta 132+50 To North Head		09/14/16	09/27/16	-253	UMS_Install & Pre-Load Permanent Struts - Intermediate Strut Level Sta 132+50 To North Headwall
UMS.05.12.0820	UMS_ Install Permanent Wales - Intermediate Strut Level Sta 132+50 To North Headwall		09/14/16	09/27/16	-253	UMS_Install Permanent Wales - Intermediate Strut Level Sta 132+50 To North Headwall
UMS.31.20.0805	UMS_Excavate Bench to Intermediate Strut Level & Expose Wide Flange Sta 132+50 to South He		09/16/16	09/28/16	-259	UMS_Excavate Bench to Intermediate Strut Level & Expose Wide Flange Sta 132+50 to South Headwall
UMS.03.37.0700	UMS_ Install Drain Pipe & Grout Fill Void Between Piles - Roof To Concourse Level Sta 132+50 t		09/23/16	10/06/16	-258	UM\$_ Install Drain Pipe & Grout Fill Void Between Piles - Roof To Concourse Level Sta 132+50 to South Headwall
UMS.31.20.0830	UMS_Excavate Bench to Temporary Strut Level 1 & Expose Wide Flange Sta 132+50 To North H		09/29/16	10/07/16	-259	UM\$_Excavate Bench to Temporary Strut Level 1 & Expose Wide Flange \$ta 132+50 To North Headwall
UMS.05.12.0825	UMS_ Install Permanent Wales - Intermediate Strut Level Sta 132+50 To South Headwall		09/29/16	10/12/16	-254	UMS_ Install Permanent Wales - Intermediate Strut Level Sta 132+50 To South Headwall
UMS.05.12.0835	UMS_ Install & Pre-Load Permanent Struts - Intermediate Strut Level Sta 132+50 To South Head	10	10/06/16	10/19/16	-254	UMS_ Install & Pre-Load Permanent Struts - Intermediate Strut Level Sta 132+50 To South Headwall
UMS.03.37.0986	UMS_Install Studs, Mesh, Drain Pipe & Shotcrete Pile Walls Interm Level To Temp Strut Lvl 1 Sta	10	10/10/16	10/21/16	-259	UMS_Install Studs, Mesh, Drain Pipe & Shotcrete Pile Walls Interm Level To Temp Strut Lvl 1 Sta 132+50 to North Headwal
UMS.31.20.0835	UMS_Excavate Bench to Temporary Strut Level 1 & Expose Wide Flange Sta 132+50 To South H	7	10/13/16	10/21/16	-254	UMS_Excavate Bench to Temporary Strut Level 1 & Expose Wide Flange Sta 132+50 To South Headwall
UMS.03.37.0985	UMS_ Install Studs, Mesh, Drain Pipe & Shotcrete Pile Walls Concourse to Intermediate Level S	10	10/20/16	11/02/16	-239	UMS_ Install Studs, Mesh, Drain Pipe & Shotcrete Pile Walls Concourse to Intermediate Level Sta 132+50 to South Headwal
UMS.31.50.0850	UMS_ Install & Pre-Load Temporary Struts - Level 1 Sta 132+50 to North Headwall	10	10/24/16	11/04/16	-259	■ UMS_Install & Pre-Load Temporary Struts - Level 1 Sta 132+50 to North Headwall
UMS.31.20.0860	UMS_Excavate Bench to Mezzanine Level & Expose Wide Flange Sta 132+50 to North Headwall	7	10/31/16	11/08/16	-259	UMS_Excavate Bench to Mezzanine Level & Expose Wide Flange Sta 132+50 to North Headwall
UMS.03.37.0987	UMS_Install Studs, Mesh, Drain Pipe & Shotcrete Pile Walls Interm Level To Temp Strut Lvl 1 Sta	10	11/03/16	11/17/16	-239	UMS_Install Studs, Mesh, Drain Pipe & Shotcrete Pile Walls Interm Level To Temp Strut Lvl 1 Sta 132+50 to South Headwal
UMS.05.12.0880	UMS_ Install Permanent Wales - Mezzanine Level Sta 132+50 To North Headwall	10	11/07/16	11/21/16	-259	UMS_Install Permanent Wales - Mezzanine Level Sta 132+50 To North Headwall
UMS.31.20.0865	UMS_Excavate Bench to Mezzanine Level & Expose Wide Flange Sta 132+50 to South Headwall	6	11/18/16	01/04/17	-239	UM\$_Excavate Bench to Mezzanine Level & Expose Wide Flange \$ta 132+50 to South Headwall
UMS.31.50.0855	UMS_Install & Pre-Load Temporary Struts - Level 1 Sta 132+50 to South Headwall	10	11/18/16	01/10/17	-239	UMS_Install & Pre-Load Temporary Struts - Level 1 Sta 132+50 to South Headwall
UMS.05.12.0890	UMS_Install & Pre-load Permanent Struts - Mezzanine Level Sta 132+50 To North Headwall	34	11/22/16	01/12/17	-285	UMS_Install & Pre-load Permanent Struts - Mezzanine Level Sta 132+50 To North Headwall
UMS.03.37.0870	UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to Mezzanine Sta	13	12/08/16	12/27/16	-245	UMS_ Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to Mezzanine Sta 132+50 To North Headwall
UMS.05.12.0885	UMS_Install Permanent Wales - Mezzanine Level Sta 132+50 To South Headwall	10	01/04/17	01/17/17	-239	UMS_Install Permanent Wales - Mezzanine Level Sta 132+50 To South Headwall
UMS.31.20.0970	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132+50 To North H	6	01/05/17	01/12/17	-229	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132+50 To North Headwall
UMS.05.12.0895	UMS Install & Pre-Load Permanent Struts - Mezzanine Level Sta 132+50 To South Headwall	10	01/11/17	01/24/17	-239	UMS Install & Pre-Load Permanent Struts - Mezzanine Level Sta 132+50 To South Headwall
UMS.03.37.0875	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to Temp Strut Leve		01/13/17	01/26/17	-256	UMS_Install Studs, Mesh Drain Pipe & Shotorete Pile Walls Mezzanine Level to Temp Strut Level 2 Sta 132+50 To North Hw
UMS.31.20.0975	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132+50 To South H		01/18/17	01/30/17	-232	UMS_Excavate Bench to Temporary Strut Level 2 & Expose Wide Flange Sta 132+50 To South Headwall
UMS.03.37.0877	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to Mezzanine Sta	-	01/25/17	02/08/17	-239	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 1 to Mezzanine Sta 132+50 To South Headwall
UMS.31.50.0990	UMS_Install & Preload Temporary Struts - Level 2 Sta 132+50 To North Headwall		01/30/17	02/13/17	-229	UMS_Install & Preload Temporary Struts - Level 2 Sta 132+50 To North Headwall
UMS.03.37.0880	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to Temp Strut Level		02/09/17	02/23/17	-239	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Mezzanine Level to Temp Strut Level 2 Sta 132+50 To South He
UMS.31.20.0980	UMS_Excavate Bench to Platform Strut Level & Expose Wide Flange Sta 132+50 To North Head		02/14/17	02/23/17	-229	UMS Excavate Bench to Platform Strut Level & Expose Wide Flange Sta 132+50 To North Headwall
UMS.05.12.1200	UMS Install Permanent Wales Platform Strut Level Sta 132+50 To North Headwall		02/21/17	03/06/17	-229	
UMS.31.50.0995	UMS_Install & Preload Temporary Struts - Level 2 Sta 132+50 To South Headwall		02/21/17	03/06/17	-239	UMS_Install Permanent Wales Platform Strut Level Sta 132+50 To North Headwall
UMS.03.37.0995	UMS Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 2 To Platfm Strut Le		02/24/17	03/09/17	-191	UMS_Install & Preload Temporary Struts + Level 2 Sta 132+50 To South Headwall
						UMS_(nstall \$tuds, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 2 To Platfm Strut Level Sta 132+50 To So Hea
UMS.05.12.1220	UMS_Install & Preload Permanent Struts Platform Strut Level Sta 132+50 To North Headwall		02/28/17	03/13/17	-229	UMS_Install & Preload Permanent Struts Platform Strut Level \$ta 132+50 To North Headwall
UMS.31.41.0205	UMS_Install Sheet Piling at Garage Base Slab		03/08/17	03/21/17	-245	UMS_ Install Sheet Piling at Garage Base Slab
UMS.31.20.0985	UMS_Excavate Bench to Platform Strut Level & Expose Wide Flange Sta 132+50 To South Head		03/10/17	03/21/17	-239	UMS_Excavate Berich to Platform Strut Level & Expose Wide Flange Sta 132+50 To South Headwall
UMS.03.37.0990	UMS_Install Studs, Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 2 To Platfm Strut Le		03/14/17	03/27/17	-220	UMS_Install Studs Mesh Drain Pipe & Shotcrete Pile Walls Temp Strut Level 2 To Platfm Strut Level Sta 132+50 To No H
UMS.05.12.1210	UMS_Install Permanent Wales Platform Strut Level Sta 132+50 To South Headwall		03/17/17	03/30/17	-239	UMS_Install Permanent Wales Platform Strut Level Sta 132+50 To South Headwall
UMS.05.12.1230	UMS_Install & Preload Permanent Struts Platform Strut Level Sta 132+50 To South Headwall		03/21/17	04/03/17	-239	UMS_Install & Preload Permaneht Struts Platform Strut Level Sta 132+50 To South Headwall
UMS.31.20.1120	UMS_Excavate to Bottom of North Concourse Slab (Intermediate Strut Level)		03/22/17	03/28/17	-109	UMS_Excavate to Bottom of North Concourse Slab (Intermediate Strut Level)
UMS.31.20.1030	UMS_Excavate/Demo Liner to Temporary Strut Level 3 & Expose Wide Flange Sta 132+50 To No		03/22/17	04/04/17	-235	UMS_Excavate/Demo Liner to Temporary Strut Level 3 & Expose Wide Flange Sta 132+50 To North Headwall
UMS.31.20.1355	UMS_Excavate HVAC Chase Beneath North Concourse Slab (Intermediate Strut Level)		03/29/17	04/04/17	-109	UMS_Excavate HVAC Chase Beneath North Concourse Slab (Intermediate Strut, Level)
UMS.31.50.1050	UMS_ Install Temporary Struts - Level 3 Sta 132+50 To North Headwall	10	03/29/17	04/11/17	-230	UM\$_ Install Temporary \$truts - Level 3 Sta 132+50 To North Headwall

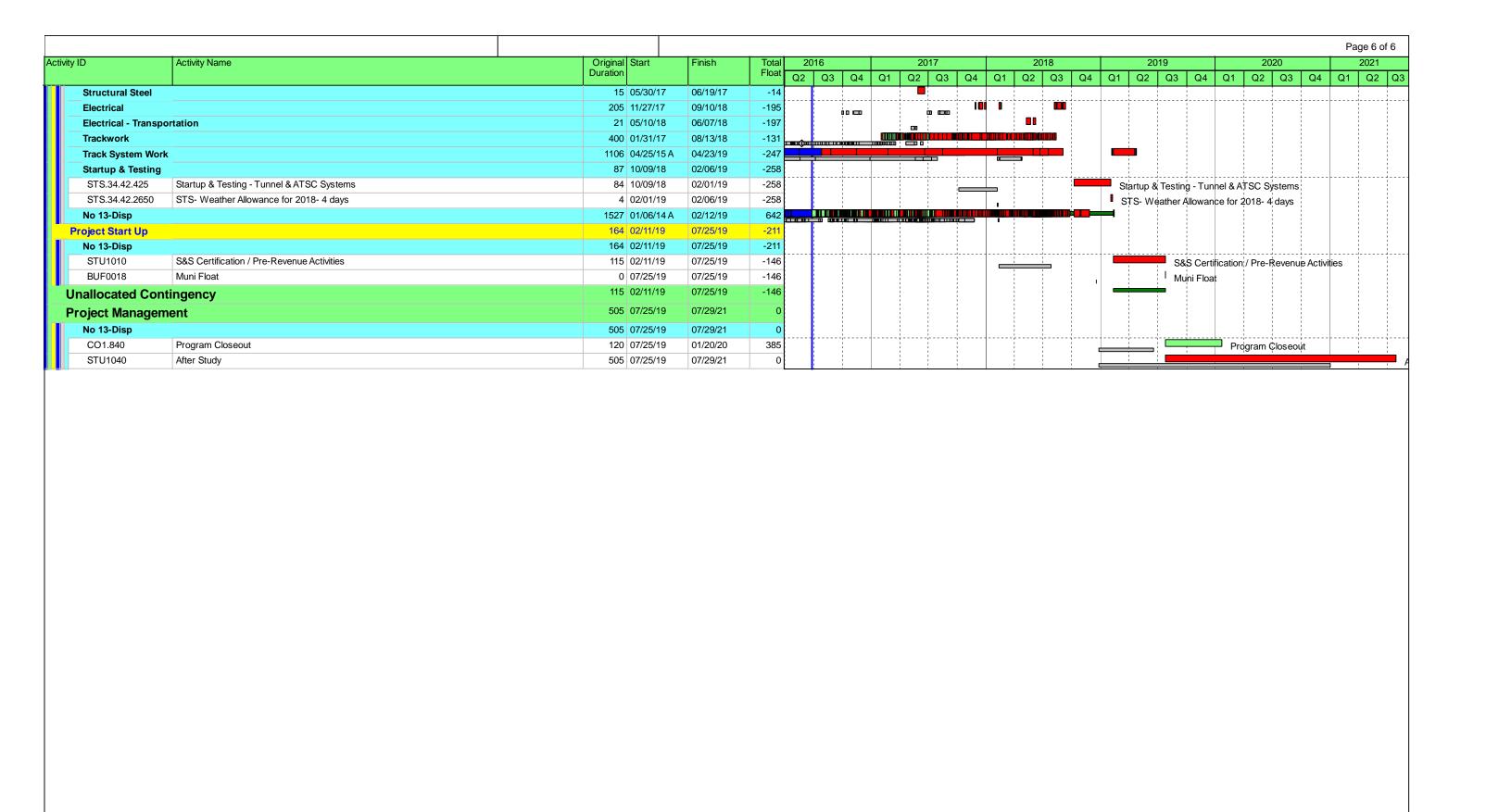


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Activity ID	Activity Name	Origina Duration		Finish	T14	2016 2017 2018 2019 2020 2021
					QZ	
CTS.31.71.070	Excavate & Construct Step 4 Left Heading Invert & Headwall - Crosscut Cavern		08/09/16	08/22/16	-260	Excavate & Cohstruct Step 4 Left Heading Invert & Headwall - Crosscut Cavern
CTS.31.71.075	Excavate & Construct Step 4 Right Heading Invert & Headwall - Crosscut Cavern		08/11/16	08/24/16	-260	Excavate & Construct Step 4 Right Heading Invert & Headwall - Crosscut Cavern
CTS.31.71.080	Excavate Step 5 Bench 1 & Construct Headwall - Crosscut Cavern		08/25/16	08/31/16	-260	Excavate Step 5 Bench 1 & Construct Headwall - Crosscut Cavern
CTS.31.71.090	Excavate Step 6 Bench 2 & Construct Headwall - Crosscut Cavern	5	08/30/16	09/06/16	-260	Excavate Step 6 Bench 2 & Construct Headwall - Crosscut Cavern
CTS.31.71.100	Excavate & Support Step 7 Invert - Crosscut Cavern	10	08/30/16	09/13/16	-260	Excavate & Support Step 7 Invert - Crosscut Cavern
CTS.31.71.390	Breakout Remaining Cross-Cut Cavern Opening	5	09/14/16	09/20/16	-260	Breakout Remaining Cross-Cut Cavern Opening
CTS.31.71.400	Temporary Backfill Cross Cut Invert for Platform Cavern Excavation	5	09/21/16	09/27/16	-260	Temporary Backfill Cross Cut Invert for Platform Cavern Excavation
CTS.31.71.440	Barrel Vaults at South Platform Cavern Excavation	10	09/28/16	10/11/16	-260	Barrel Vaults at South Platform Cavern Excavation
CTS.31.71.410	Barrel Vaults for North Platform Cavern Excavation	10	10/12/16	10/25/16	-59	Barrel Vaults for North Platform Cavern Excavation
CTS.31.71.450	Breakin Top Benches for South Platform Cavern Excavation	13	10/12/16	10/28/16	-260	Breakin Top Benches for South Platform Cavern Excavation
CTS.31.71.465	Excavate & Support Top Left Heading South Platform Cavern 176Lf	20	10/31/16	11/30/16	-260	Excavate & Support Top Left Heading South Platform Cavern 176Lf
CTS.31.71.460	Excavate & Support Top Right Heading South Platform Cavern 176Lf	20	10/31/16	11/30/16	-260	Excavate & Support Top Right Heading South Platform Cavern 176Lf
CTS.31.71.550	Excavate & Support Top Right Bench South Platform Cavern 176Lf	10	12/01/16	12/14/16	-260	Excavate & Support Top Right Bench South Platform Cavern 176Lf
CTS.31.71.560	Excavate & Support Top Left Bench South Platform Cavern 176Lf	10	12/01/16	12/14/16	-260	Excavate & Support Top Left Bench South Platform Cavern 176Lf
CTS.31.71.420	BreakinTop / Bench Sidewalls for North Platform Cavern Excavation	12	12/01/16	12/16/16	-82	■ BreakinTop / Bench Sidewalls for North Platform Cavern Excavation
CTS.31.71.580	Excavate & Support Top Left Step 3 Invert South Platform Cavern 176Lf	14	12/15/16	01/05/17	-260	Excavate & Support Top Left Step 3 Invert South Platform Cavern 176Lf
CTS.31.71.570	Excavate & Support Top Right Step 3 Invert South Platform Cavern 176Lf	14	12/15/16	01/05/17	-260	Excavate & Support Top Right Step 3 Invert South Platform Cavern 176Lf
CTS.31.71.425	CompleteTop / Bench Invert Sidewalls & Headwall Left Side for North Platform Cavern Excavation	33	12/19/16	02/03/17	-82	CompleteTop / Bench Invert Sidewalls & Headwall Left Side for North Platform Cavern Excavation
CTS.31.71.435	CompleteTop / Bench Invert Sidewalls & Headwall Right Side for North Platform Cavern Excavatic	33	3 12/19/16	02/03/17	-82	CompleteTop / Bench Invert Sidewalls & Headwall Right Side for North Platform Cavern Excavation
CTS.31.71.800	TB-4 SEM Additional Flashcrete	30	12/22/16	02/03/17	-38	TB-4 SEM Additional Flashcrete
CTS.31.71.810	TB-5 SEM Additional Shotcrete		12/22/16	02/03/17	-38	TB-5 SEM Additional Shotcrete
CTS.31.71.820	TB-6 SEM Additional Lattice Girders		12/22/16	02/03/17	-38	TB-6 SEM Additional Lattice Girders
CTS.31.71.830	TB-7 SEM Additional Steel Arches		12/22/16	02/03/17	-38	TB-7 SEM Additional Steel Arches
CTS.31.71.840	TB-8 SEM Additional Face Bolts		12/22/16	02/03/17	-38	TB-7 SEM Additional Face Bolts
CTS.31.71.850	TB-9 SEM Additional Metal Sheets		12/22/16	02/03/17	-38	TB-9 SEM Additional Metal Sheets
CTS.31.71.860	TB-10 SEM Additional Probe Holes		12/22/16	02/03/17	-38	TB-10 SEM Additional Probe Holes
CTS.31.71.870	TB-11 SEM Additional Grout Holes		12/22/16	02/03/17	-38	- <mark></mark>
CTS.31.71.880			12/22/16	02/03/17	-38	TB-11 SEM Additional Grout Holes
CTS.31.71.890	TB-12 SEM Additional Permeation Grouting TB-13 SEM Additional Pocket Excavation		12/22/16	02/03/17	-38	TB-12 SEM Additional Permeation Grouting
						TB-13 SEM Additional Pocket Excavation
CTS.31.71.900	TB-14 SEM Additional Drilled Gravity Dewatering Pipes/ Gravity Well Points		12/22/16	02/03/17	-38	TB-14 SEM Additional Drilled Gravity Dewatering Pipes/ Gravity Well Points
CTS.31.71.910	TB-15 SEM Additional Vacuum Well Points		12/22/16	02/03/17	-38	TB-15 SEM Additional Vacuum Well Points
CTS.31.71.780	TB-2 SEM Additional Grouted Pipe Spiles		12/22/16	02/03/17	-38	TB-2 SEM Additional Grouted Pipe Spiles
CTS.31.71.790	TB-3 SEM Additional Barrel Vault Pipes		12/22/16	02/03/17	-38	TB-3 SEM Additional Barrel Vault Pipes
CTS.31.71.770	TB-1 SEM Additional Rebar Spiles		12/22/16	02/03/17	-38	TB-1 SEM Additional Rebar Spiles
CTS.31.71.590	CTS- Install Temporary Bracing - Sidewalls (Platform Cavern)		01/06/17	01/13/17	-260	CT\$- Install Temporary Bracing - Sidewalls (Platform Cavern)
CTS.31.71.600	Excavate & Support Top Center Drift Step 4 South Platform Cavern 176Lf		01/16/17	02/08/17	-260	Excavate & Support Top Center Drift Step 4 South Platform Cavern 176Lf
CTS.31.71.445	Install Temporary Bracing Sidewalls for North Platform Cavern Excavation		02/06/17	02/09/17	-82	Install Temporary Bracing Sidewalls for North Platform Cavern Excavation
CTS.31.71.610	Excavate & Support Center Bench Step 5 South Platform Cavern 176Lf		02/09/17	02/23/17	-260	Excavate & Support Center Bench Step 5 South Platform Cavern 176Lf
CTS.31.71.455	Excavation / Support Top Center Drift & Construct Headwall for North Platform Cavern Excavation		02/10/17	02/28/17	-82	Excavation / Support Top Center Drift & Construct Headwall for North Platform Cavern Excavation
CTS.31.71.620	Excavate & Construct Invert Step 6 South Platform Cavern 176Lf		02/24/17	03/09/17	-260	Excavate & Construct Invert Step 6 South Platform Cavern 176Lf
CTS.31.71.500	Excavate & Support North Emergency Egress Tunnel		02/28/17	03/20/17	1	Excavate & Support North Emergency Egress Tunnel
CTS.31.71.475	Excavation / Support Center Bench Invert & Construct Headwall for North Platform Cavern Excav		03/10/17	03/22/17	-89	Excavation / Support Center Bench Invert & Construct Headwall for North Platform Cavern Excavation
CTS.31.71.630	Demo Sidewalls & Repair Headwall South Platform Cavern 176Lf		03/10/17	03/23/17	-260	Demo Sidewalls & Repair Headwall South Platform Cavern 176Lf
CTS.31.71.520	Initial Excavation & Support - South Emergency Egress Tunnel	10	03/21/17	04/03/17	1 0	☐ Initial Excavation & Support - South Emergency Egress Tunnel
CTS.31.71.485	Demo Sidewall, Repair Headwall for North Platform Cavern Excavation	10	03/23/17	04/05/17	-89	Demo Sidewall, Repair Headwall for North Platform Cavern Excavation
CTS.31.71.640	Stage Equipment & Construct Ramp For Crossover Breakin	5	03/24/17	03/30/17	-260	Stage Equipment & Construct Ramp For Crossover Breakin
CTS.31.71.650	Break-in Crossover Cavern	1	03/31/17	03/31/17	-260	Break-in Crossover Cavern
CTS.31.71.660	Excavate & Construct Left Sidewall & Headwall 268 Lf	55	04/03/17	06/19/17	-260	Excavate & Construct Left Sidewall & Headwall 268 Lf
CTS.31.71.670	Excavate & Construct Right Sidewall & Headwall 268 Lf	55	04/03/17	06/19/17	-260	Excavate & Construct Right Sidewall & Headwall 268 Lf
CTS.31.71.530	Complete Excavation & Support - South Emergency Egress Tunnel	5	04/04/17	04/10/17	1 ,	Complete Excavation & Support - South Emergency Egress Tunnel

SFMTA Central Subway Project Master Project Schedule One Month Back & Remaining Work - July 2016 Update

Required Revenue Serive Date 26-Dec-18 Data Date: 06/26/16







Appendix C PROJECT SCOPE AND FUNDING OVERVIEW

Project Overview

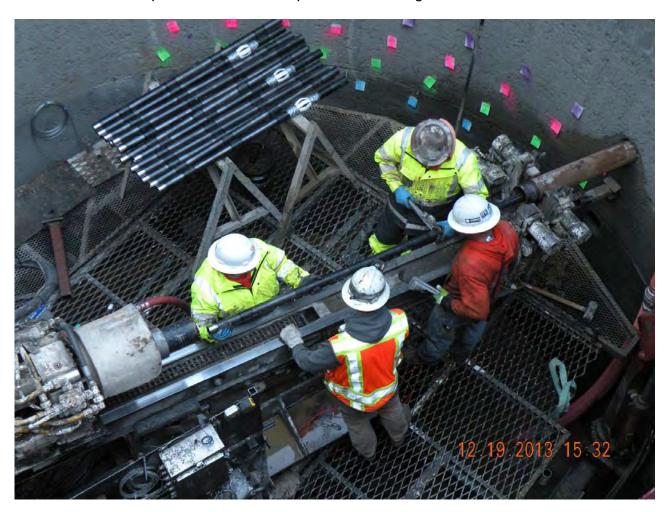
The Central Subway Project will construct a modern, efficient light-rail line that will improve public transit in San Francisco. This new 1.7-mile extension of Muni's T Third Line will provide direct connections to major retail, sporting and cultural venues while efficiently transporting people to jobs,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

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

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



Project Overview - continued

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

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

Funding Overview

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

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

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

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

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

All amounts in millions of dollars

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

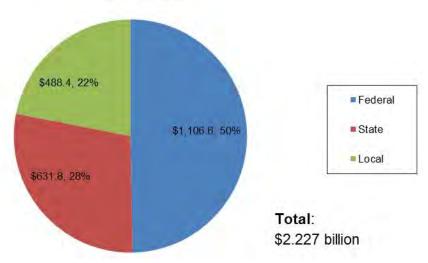
 Phase 1 + Phase 2 of the T Third Line federal, state and local funding percentages previous to the addition of the retrieval shaft relocation budget and funding in December 2013.

Funding Overview - continued

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

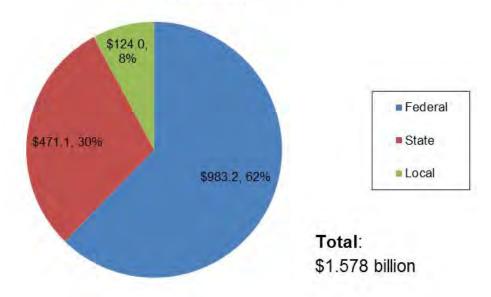
Third Street Light Rail Transit Project Funding

Phase 1 + Phase 2 (\$ in millions)



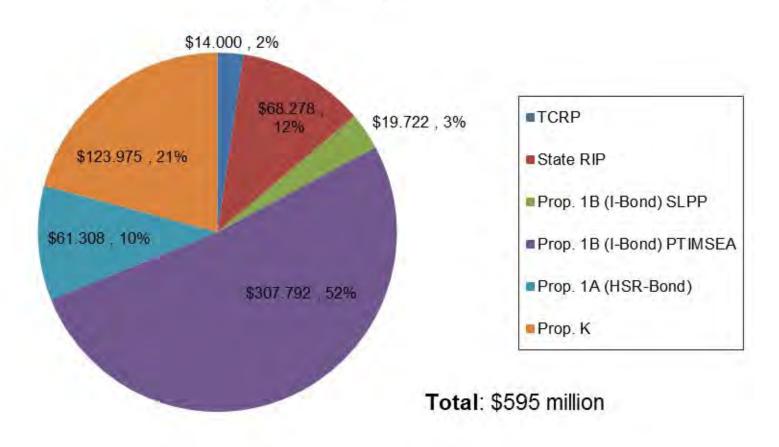
Central Subway Project Funding

Phase 2 (\$ in millions)



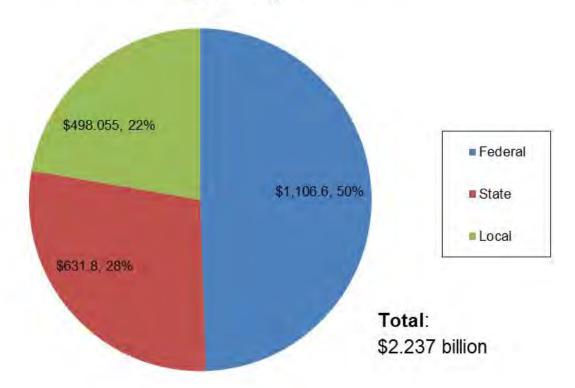
State and Local Funding

Phase 2 (\$ in millions)



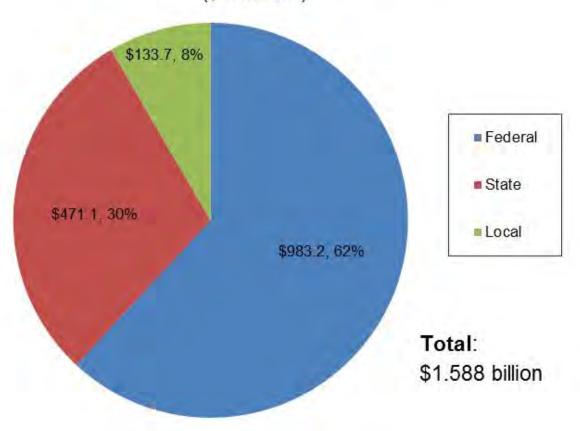
Third Street Light Rail Transit Project Funding

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



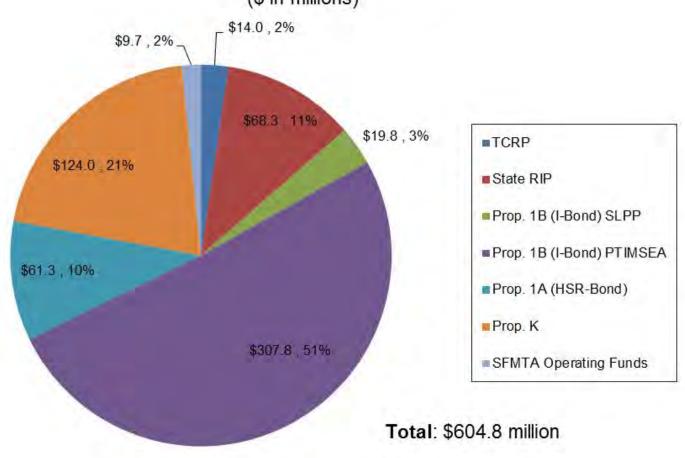
Central Subway Project Funding Phase 2 + Retrieval Shaft Relocation

(\$ in millions)



State and Local Funding

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





Appendix D COMPLETED CONTRACTS

Moscone Station and Portal Utility Relocation

Contract 1250

Contractor: Synergy Project Management, Inc.

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

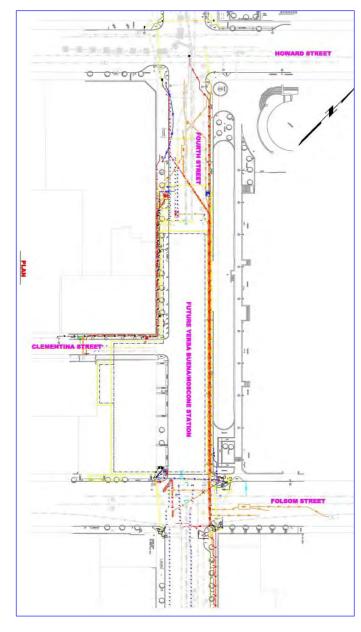
Contract Details	
Contract Awarded: N	lovember 17, 2009
Notice to Proceed:	January 4, 2010
Substantial Completion	: June 23, 2011
Contract Award Value:	\$ 9,273,939
Modifications Final :	\$ 2,694,211
Final Contract Value:	\$11,968,150

Status

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

Description

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



Union Square/Market Street Station Utility Relocation

Contract 1251

Contractor: Synergy Project Management, Inc.

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

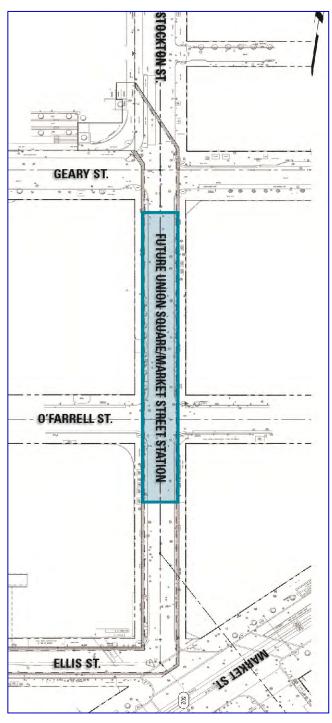
Contract Details	
Contract Awarded:	December 7, 2010
Notice to Proceed:	January 12, 2011
Substantial Completion:	August 16, 2012
Contract Award Value:	\$16,832,550
Modifications Final:	\$3,962,031
Final Contract Value:	\$20,794,581

Status

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

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.

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

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

Contract Details	
Contract Awarded:	June 12, 2013
Notice to Proceed:	July 15, 2013
Substantial Completion:	Sept. 24, 2013
Contract Award Value:	\$498,995
Modifications to Date:	\$149,981
Current Contract Value:	\$648,976



Central Subway Tunneling

Contract 1252 Contractor: Barnard Impregilo Healy Joint Venture

Description of Work

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

Status

Final Completion Date: May 15, 2015

Administrative closeout in progress

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

Contract Details				
Contract Awarded:	June 28, 2011			
Notice to Proceed 1:	January 27, 2012			
Notice to Proceed 2:	March 14, 2012			
Partial NTP 3:	April 12, 2012			
Notice to Proceed 3:	October 15, 2012			
Substantial Completion:	April 13, 2015			
Contract Award Value:	\$233,584,015			
Modifications to Date:	\$8,255,506			
Current Contract Value:	\$241,839,521			





Appendix E SBE PARTICIPATION

Quarterly Report

Current Report: April 2016 - June 2016



PROGRAM SUPPORT CONTRACTS - SBE PARTICIPATION

Appendix E presents the Central Subway Program Small Business Enterprise or SBE goals and the actual SBE participation achieved to date – as of June 30, 2016.¹

CS Program SBE Summary Table for Professional Services and Construction Contracts

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

				Α	В	C	D	Е	F	G
	Contract No.	Contractor	Services/Segment	Contract Amount	SFMTA SBE Contract Goal	Contract Expenditure to Date (Est.)	SBE Actual to Date	SBE Contract \$s = A * B	SBE Amount to Date '= C * D	Contractor's SBE Goal (in Bid)
Α	Project Pr	ofessional Service	es Contracts	millions		millions		millions	millions	
1	149	CS Partnership	Project Management	\$85.14	30%	\$54.38	35%	\$25.54	\$19.25	31.4%
2	156	Hill International	Project Controls Task 1	\$17.11	26%	\$9.22	29%	\$4.45	\$2.68	26.0%
3	155-1	PB Telemon	Tunnels Design	\$7.94	30%	\$7.76	30%	\$2.38	\$2.30	31.6%
4	155-2	CS Design Group	Stations Design	\$36.52	30%	\$32.21	42%	\$10.96	\$13.58	36.4%
5	155-3	HNTB, IncB&C	Systems, Track & Surface Station Design	\$17.23	30%	\$25.12	28%	\$5.17	\$7.03	30.0%
	Subtotal P	rofessional Servic	es	\$163.94		\$128.69		\$48.50	\$44.84	
В	Project Construction Contracts		millions		millions		millions	millions		
1	1250	Synergy Inc	Utility Relocation 1	\$11.97	20%	\$11.97	97.2%	\$2.39	\$11.63	96.4%
2	1251	Synergy Inc	Utility Relocation 2	\$20.79	20%	\$20.79	87.4%	\$4.16	\$18.18	94.9%
3	1252	BIH	Tunnels and Portal - in Construction	\$241.29	6%	234.88	5.8%	\$14.48	\$13.73	6.1%
4	1277	MH Construction	Pagoda Demolition	\$0.65	100%	\$0.65	100.0%	\$0.65	\$0.65	100.0%
5	1300	Tutor-Perini	Stations/Track/Systems - in Construction	842.94	20%	\$392.17	17.2%	\$168.59	\$67.60	25.5%
	Subtotal C	onstruction Contr	acts	\$1,117.64		\$660.47		\$190.27	\$111.79	
	Contract	Contractor	Services/Segment	Base Contract	SFMTA Goal	Expenditures	SBE Actual	= A * B	= C * D	Bid Goal
				Α	В	С	D	Е	F	G

SBE Summary Table Notes and Sources:

a) Column A is the base contract amount awarded. Column B is the Agency SBE goal percent for each contract awarded.

The SFMTA SBE Contract Goals are also on the Central Subway web site under the listing of on-going contracts – see "Closed and Awarded Contracts" at this link: http://centralsubwaysf.com/content/closed-and-awarded-contracts

b) Column C shows each contract's current amount expended to date (estimated) including accruals. Column D is the actual SBE percent level of each contract based on payments to date. Column E is the expected SBE dollar amount when the contract amount is completed and the SFMTA SBE goal achieved using this calculation: Columns A * B = Column E, the SBE Expected \$ Amount.

Column F is the actual SBE dollar amount out of the total contract expenditure to date: Columns C * D = Column F, the SBE Expended \$ Amount.

The source of the SBE Actual percent to date and dollar amounts are Progress Payment Applications and Contractor's monthly submittals that may include the current estimated

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



accruals. The BIH SBE percent is from the contractor's progress payment #39, Form 6.

- c) Column G, the Contractor's SBE Goal in the submitted bid, is background information that is not calculated in the table. The table source of the Contractor's SBE Goals is from the SFMTA Contract Compliance Office. A Contractor's SBE goal in the bid is one source used by SFMTA Contract Compliance to assess and propose the Agency's SBE goal for a contract.
- d) The three constructions contracts shown in **bold type**, **1250**, **1251 and 1277**, with gray background, are completed contracts. Little to no changes will be shown in future reports.
- e) The SBE Hill International Actual to Date SBE participation is 28.9% 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 #30, June 2016, SFMTA SBE FORM No. 6.
- g) The SBE SFMTA goal for Contract 1277 MH Construction was based on an SBE set-aside.

SBE Participation Details

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



Active Professional Services Contracts - SBE Participation Details

	As of:	6/30/2016
Contract	Project Management and Cons	
		-
Contract No.	CS-149 Central Subway Partne	ership
Status:	On-going	
	Base Contract Value	\$85,139,092
	Approved Change Orders	-0-
	Current Contract Value	\$85,139,092
	Expended to Date (est.)	\$54,378,411
	% Expended	63.9%
	SBE Participation	35.4%
Contract:	Project Controls Cost and Sch	edule Support
Contract No.	CS 156 Hill International Task	1*
Status:	On-going	
	Base Contract Value	\$17,112,873
	Approved Change Orders	-0-
	Current Contract Value	\$17,112,873
	Expended to Date (est.)	\$9,223,658
	% Expended	53.9%
	SBE Participation	29.1%
Contract:	Design Package 1 for CNs 125	0. 1251 and 1252 Tunnels*
	CS-155-1 PB / Telemon	o, 1201 and 1202 Familieic
	Design is completed. Constructi	on support ongoing
Status.	Base Contract Value	\$5,795,000
	Approved Change Orders (7)	\$3,793,000
	Current Contract Value	\$2,143,139
	Expended to Date (est.)	
	` ` '	\$7,756,940
	% Expended SBE Participation	97.7% 29.7%
	SBE Farticipation	29.176
Contract:	Design Package 2 for 1253 UM	S, 1254 CTS, 1255 YBM Stations.
Contract No.	CS-155-2 Central Subway Des	ian Group
Status.	Design is completed. Constructi Base Contract Value	
		\$35,059,252 \$4,460,360
	Approved Change Orders (1) Current Contract Value	\$1,460,360
		\$36,519,612 \$30,240,054
	Expended to Date (est.)	\$32,210,651
	% Expended	88.2%
	SBE Participation	41.1%
	DP 3 Systems, Track work, Sur	rface station.
	CS-155-3 HNTB-B&C	
Status:	Design is completed. Constructi	
	Base Contract Value	\$16,822,238
	Approved Change Orders (5)	\$312,814
	Current Contract Value	\$17,232,252
	Expended to Date (est.)	\$25,123,582
	% Expended	145.8%
	SBE Participation	27.4%
* denote acc	rual	



Active and Completed Construction Contracts - SBE Participation Details

Contract:	Synergy Inc Utility Relocation 1	YBM & Launch Box
Contract No.		
Status:	Contract is completed and close	ed out
	Base Contract Value	\$9,273,939
	Approved Change Orders	\$2,694,211
	Final Contract Value	\$11,968,150
	% Expended	100%
	SBE SFMTA Goal	20%
	SBE Participation To Date	97.2%
Contract:	Synergy Inc Utility Relocation 2	UMS
Contract No.		
Status:	Contract is completed and close	ed out
	Base Contract Value	\$16,832,550
1.7	Approved Change Orders	3,962,031
	Final Contract Value	\$20,794,581
	% Expended	100%
	SBE SFMTA Goal	20.0%
	SBE Participation To Date	87.4%
Contract	Pagoda Palace Demolition / MH	Construction
Contract No.		Construction
	Contract is completed and close	ed out
	Base Contract Value	\$498,995
	Approved Change Orders	\$149,981
	Current Contract Value	\$648,976
	Expended to Date (est.)	\$648,976
	% Expended	100.00%
	SBE SFMTA Goal	100.0%
	SBE Participation To Date	100.0%
Contract:	Tunnels Barnard/Impregilo/Hale	y
Contract No.		
Status:	Construction is underway and ongo	oing
	Base Contract Value	\$233,584,015
	Approved Change Orders	\$8,270,765
	Current Contract Value	\$241,854,780
	Expended to Date (est.)	\$234,881,397
	% Expended	97.1%
	SBE SFMTA Goal	6.0%
	SBE Participation To Date	5.8%
Contract:	Stations and Systems / Tutor Pe	rini
Contract No.	1300*	
Status:	Construction is underway and ongo	oing
	Base Contract Value	\$839,676,400
	Approved Change Orders	\$3,259,676
	Current Contract Value	\$842,936,076
	Expended to Date (est.)	\$392,173,667
		\$392,173,667 46.5%
	Expended to Date (est.)	

Photos on the next page:

In April 2016, the Central Subway Project and their partners at the Chinatown Community Development Center began a search for a couplet, a form of Chinese poetry with two lines of verse that have a joined meaning and follow a list of exacting rules, to be turned into art that will adorn the entryway of the Chinatown Plaza at the Chinatown Station.

central subway

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