

central subway

Roof Deck Installation

After completing a portion of the north concourse roof, the first section of station box roof deck has been constructed for UMS.



Progress Report

August 2015



SFMTA
Municipal
Transportation
Agency

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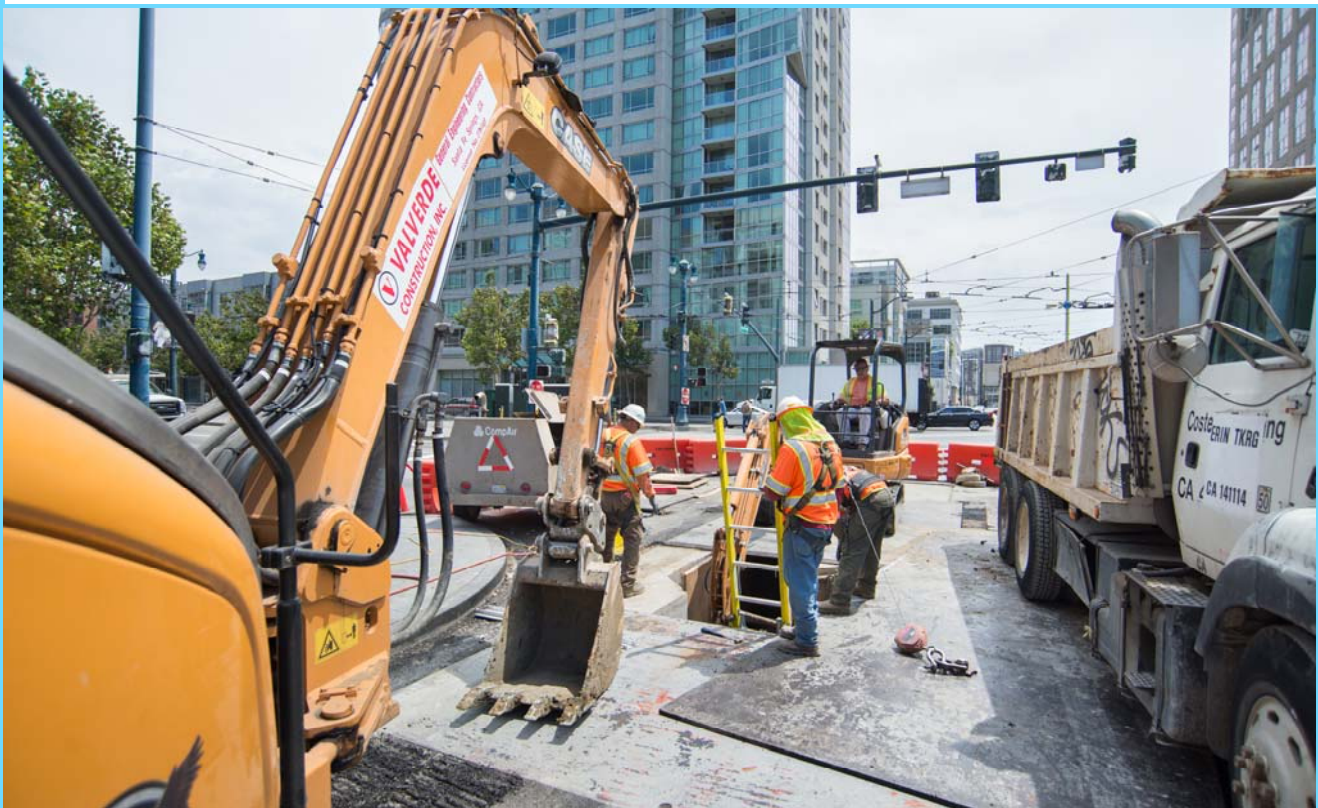
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Cover photo: Following the construction of several portions of the north concourse roof, the first section of roof for the station box has been constructed at O’Farrell and Stockton. Workers first installed steel beams crossing the site, then covered them with corrugated steel and reinforced concrete. **More photos of this construction can be found starting on page 33.**

Above photos: Utility work at the intersection of 4th and King is being done ahead of track configuration upgrades scheduled for Labor Day Weekend in September. Work to upgrade and relocate utilities is ongoing up and down the 4th Street surface portion of the project alignment.

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.centraSubwaysf.com/>



An N Judah train approaches the intersection of 4th and King. Utility work at this intersection is ongoing, ahead of track configuration upgrades over Labor Day weekend.

Executive Summary

The excavations now underway at YBM, UMS and CTS are opening space for installing the concrete roof of the future stations.

Chinatown Station - Install dewatering wells on Stockton Street. Drill compensation grout hole from inside headhouse and precondition under. Continue drilling inclinometers on Stockton Street. Excavate to El 70, finish installing bracing level 2. Finished relocating ductbank on Stockton Street.

Union Square/Market Street Station - Welding beams in the Ellis Annex and in the North Concourse. Production and test jet grouting on the east and west sides of Stockton Street.

Yerba Buena/Moscone Station - Traffic flowing on west side of 4th Street with east side work area closed for roof and utility construction. East side surface slab construction including waterproofing and backfill is complete. Placement of concrete road base south of the Moscone Center egress ramp is complete. Backfill portion of headhouse beneath Clementina Street is in progress. Utility installation at 4th and Howard (sewer mains, water lines, and electrical ductbank) is in progress. Headhouse temporary bracing strut level 2 installation is complete. Breakthrough from headhouse to station box at level 1 is complete and excavation of the station box beneath 4th Street has begun. Archaeological monitoring by spot checking is 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. Start water line work. Start OCS pole foundation work. Start AT&T crossing work.

Tunnel - achieved Final Completion on May 15, 2015. Contract administrative closeout is ongoing to reconcile contract cost.

Total project costs to date are \$830.85 million, an increase of \$12.07 million over last month. The total cost to date equals 52.64% of the total project budget of \$1.578 billion. The Master Project Schedule forecast the Revenue Service Date of May 2019.

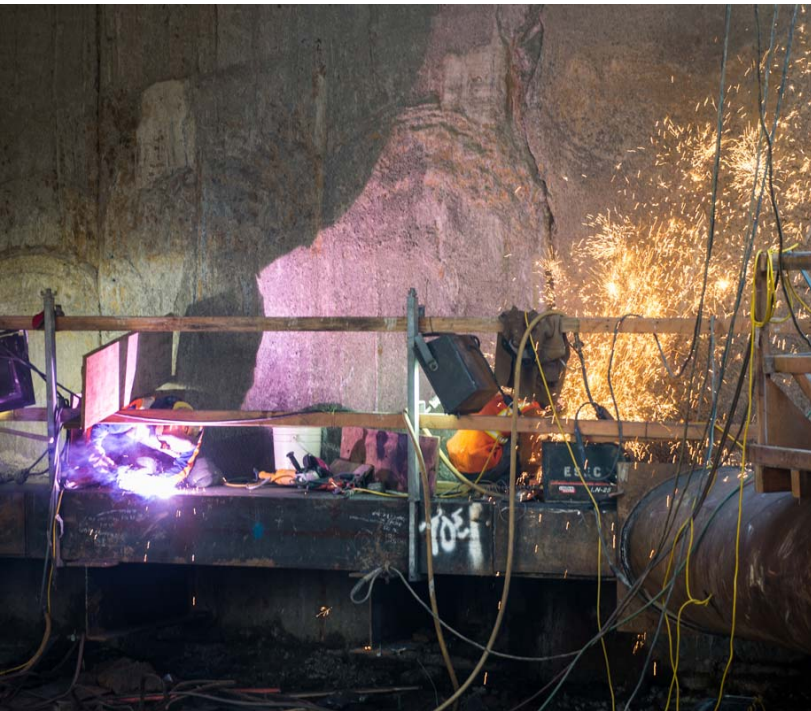
The Stations Contractors' Safety Reports show no recordable accidents took place this month and the rates of work site accident incidents by the man hours worked continue to be below industry standards - see tables on page 28.

Key Milestones

Excavation of the Chinatown Station headhouse interior

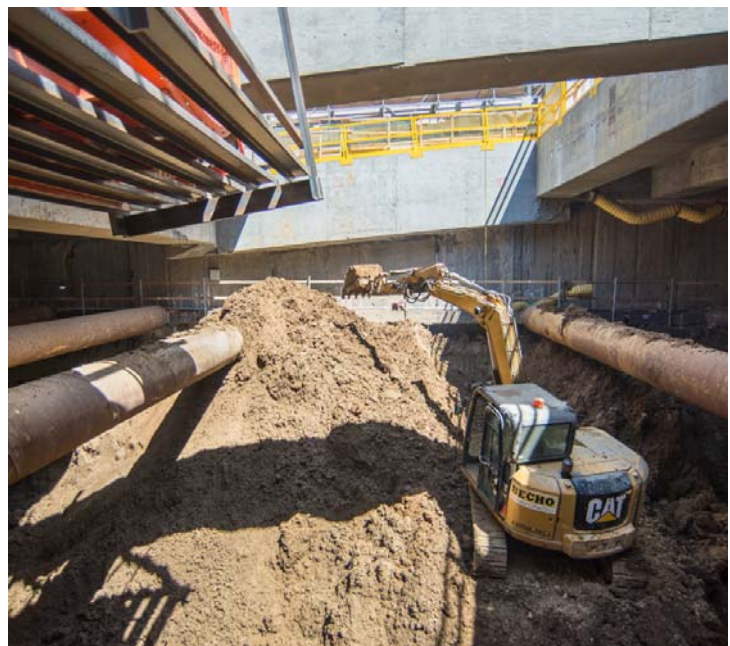


1 With each level of excavation complete, steel supports are installed to support walls



2 These supports, called walers, are temporarily installed during excavation

MILESTONE	DATE EXPECTED
General	
Revenue Service	December 2018
Contract 1252 Tunnels	
Substantial Completion	April 15, 2015 (A)
Contract 1300 Stations, Surface, Track, Systems	
Notice to Proceed (NTP 1)	June 17, 2013 (A)
Notice to Proceed (NTP 2)	January 12, 2014 (A)
Substantial Completion	May 21, 2019



3 Soil continues to be piled at the central access shaft for removal

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 un-allocated contingencies to cover the risks associated with the project completion.

Total net incurred costs for the project are \$830.85 million, a \$12.07 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$790.44 million) plus the utilities joint trench Form B Reimbursement payment (\$10.03 million), invoices currently being processed (\$15.74 million) and estimates of outstanding pay requests (\$14.63 million). This incurred amount equals 52.64% of the total project budget of \$1.578 billion.

The current funding level to date is \$1,029.79 million. This represents 65% of the total project budget.

Earned Value Analysis

In August 2015 Report, Central Subway Project Master Schedule has used Contract 1300 Station contractor baseline schedule and August monthly update schedule. Contractor starts to address cost issues in the active schedule. Earned Value Analysis and Earned Value Cash Flow Curve, Report 7.2 are not included in August Report.

Schedule Highlights - Continued

The Master Project Schedule (MPS) below includes progress through August 31, 2015.

The MPS shows the forecast the Revenue Service Date of May 2019 due to 10 Months delay shown in Contractor February Update Schedule.

The controlling critical (longest) path of the MPS runs through CTS succeeded by Commissioning and Pre-Revenue Activities to the Baseline Finish and Revenue Service Date. See Appendix B – Longest Path. The later schedule shows the longest path has changed from CTS to UMS. UMS delay is due to Jet Grout production rate reduced from 5.31 columns per day to 2.30 columns per day.

The Schedule Contingency is reduced to zero on the critical path of the MPS, which is below the Minimum Schedule Contingency level of 6 months. A re-evaluation is now required, utilizing the updated Contract 1300 Schedule to justify any revisions to current minimums.

The 1300 Contractor submitted nine (9) Schedule Update from December 2014 to August 2015. SFMTA has approved December 2014 to July 2015 monthly updates. The August Schedule Update currently under review shows 10 Months slippage of progress on the Critical Path. Contractor has been directed to develop a recovery schedule as required by Contract. The 1300 Contractor continues address key critical activities to recover lost time and improve schedule performance. Review of schedule update as well as identifying recovery options is ongoing.



A bulldozer ferries back and forth sifting excavated material inside the future south concourse of the Union Square/Market Street Station.

Schedule Highlights - Continued

Contract 1300 Stations, Surface, Track and Systems

The Contractor, Tutor Perini Corporation's (TPC) baseline schedule is incorporated into the master program. The Contractor, Tutor Perini Corporation's (TPC) February schedule is used in August Report. Anticipated to use Contractor, Tutor Perini Corporation's (TPC) September schedule for September Report.

Contract 1300 has several interface points with Contract 1252. The timing of these interface points correlate to when the NTP was issued for Contract 1300. This table represents the current status of these interface points with respect to the Contract 1252 update. The 1300 Contractor is not ready to access the tunnel used by Contract 1252. The tunnel access from Contract 1252 is not expected to impact Contract 1300. The current completion date of the Contract 1252 is shown in the table below.

Interface Points	CN1300 Requirement	CN 1252	Variance	
		Mar 2015 Update		
Tunnel Portal Completion	24-Sep-15	15-May-15	132	CD

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

- Install dewatering wells on Stockton St
- Drill compensation grout hole from inside headhouse and precondition under
- Continue drilling inclinometers on Stockton Street
- Excavate to El 70, finish installing bracing level 2
- Finished relocating ductbank on Stockton Street

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

- Welding beams in the Ellis Annex and in the North Concourse
- Production and test jet grouting on the east and west sides of Stockton Street

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

- Traffic flowing on west side of 4th Street with east side work area closed for roof and utility construction
- East side surface slab construction including waterproofing and backfill is complete
- Utility installation above the station box is complete
- Placement of concrete road base south of the Moscone Center egress ramp is complete
- Backfill over portion of headhouse beneath Clementina Street is in progress
- Utility installation at 4th and Howard (sewer mains, water lines, and electrical duct bank) is in progress
- Headhouse temporary bracing strut level 2 installation is in progress
- Breakthrough from headhouse to station box at level 1 is complete and excavation of the station box beneath 4th street has begun
- Archaeological monitoring by spot checking is in progress

Schedule Highlights - Continued

Work Package P-1256 STS 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
- Start water line work
- Start OCS pole foundation work
- Start AT&T crossing work



A worker removes excavated debris while interior wall construction and site excavation are ongoing at the south concourse of the Union Square/Market Street Station

Master Project Schedule

Page 1 of 1

Activity ID	Activity Name	Original Duration	2015				2016				2017				2018				2019				2020			
			Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
CENTRAL SUBWAY PROJECT																										
Program Level Milestones																										
PJD1000	Central Subway Project Start	4158																								
MS0004A	Tunnel Excavation Complete - Project Milestone #4A	0																								
MS00019	Baseline Finish Date: 12-26-2018	0																								
MS00009	CSP Revenue Service Date	0																								
Preliminary Engineering Phase																										
Final Design																										
Light Rail Vehicles																										
Real Estate																										
Construction Phase																										
Construction Support and Costs																										
Construction Tunnels CN-1252																										
Construction CN-1300																										
Construction UMS Station P-1253																										
Construction CTS Station P-1254R																										
Construction YBM Station P-1255																										
Construction STS P-1256																										
Project Start Up																										
Unallocated Contingency																										
CO1.700	Cost Activity Unallocated Contingency (LOE) - 1.7.500.99.0960.00 - Contingency	115																								

◆ Baseline Finish Date: 12-26-2018
 ◆ CSP Revenue Service Date

Program Level Milestones
 Light Rail Vehicles
 Construction Phase
 Construction Support and Costs
 Construction CN-1300
 CN-1300 Milestone
 Construction UMS Station P-1253
 Construction CTS Station P-1254R
 Construction YBM Station P-1255
 Construction STS P-1256
 Project Start Up
 Unallocated Contingency
 Cost Activity Unallocated Contingency (LOE)

SFMTA Central Subway Project
 Master Project Schedule
 Summary Schedule - August 2015

Required Revenue Service Date: 26-Dec-18
 Data Date: 08/26/15



A finished concrete slab rests atop steel beams comprising the roof of this section of the north station concourse at the Union Square/Market Street Station site. Utilities are temporarily suspended above.

Contracts & Construction

Construction Contracts In Progress

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

- Contractor: Tutor - Perini Corporation
- Amount: \$838.47 million
- Contract Status: 43.02% 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

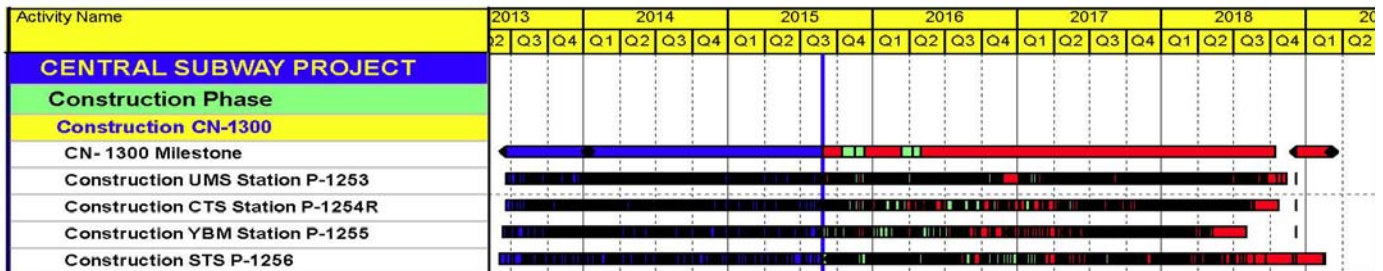
Description of Work

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		Budget/Expenditures▲	
Contract Awarded:	May 21, 2013	Current Budget	\$859,676,400
Notice to Proceed:	June 17, 2013	Expenditures to Date	\$288,317,594
Substantial Completion:	May 21, 2019		
Contract Award Value:	\$839,676,400		
Modifications to Date:	(\$1,207,535)		
Current Contract Value :	\$838,468,865		

1300 Summary Schedule



Chinatown Station

Contract 1300 - Work Package 1254R

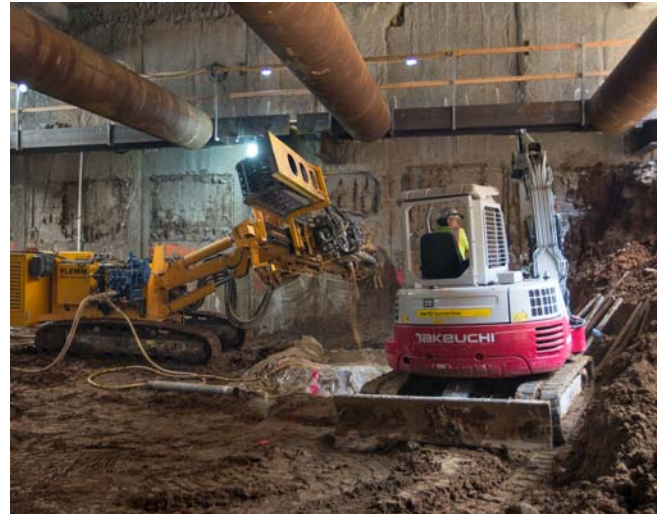


Description of Work

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

Current Work Status

- Install dewatering wells on Stockton St
- Drill compensation grout hole from inside headhouse and precondition under
- Continue drilling inclinometers on Stockton Street
- Excavate to El 70, finish installing bracing level 2
- Finished relocating ductbank on Stockton Street



Work Expected Next Month

- Install dewatering wells on Stockton Street
- Deliver and install temp level 3 bracing beams
- Drill and install compensation grout tubes and precondition
- Install MBX instrumentation on Stockton Street

Three Month Look Ahead

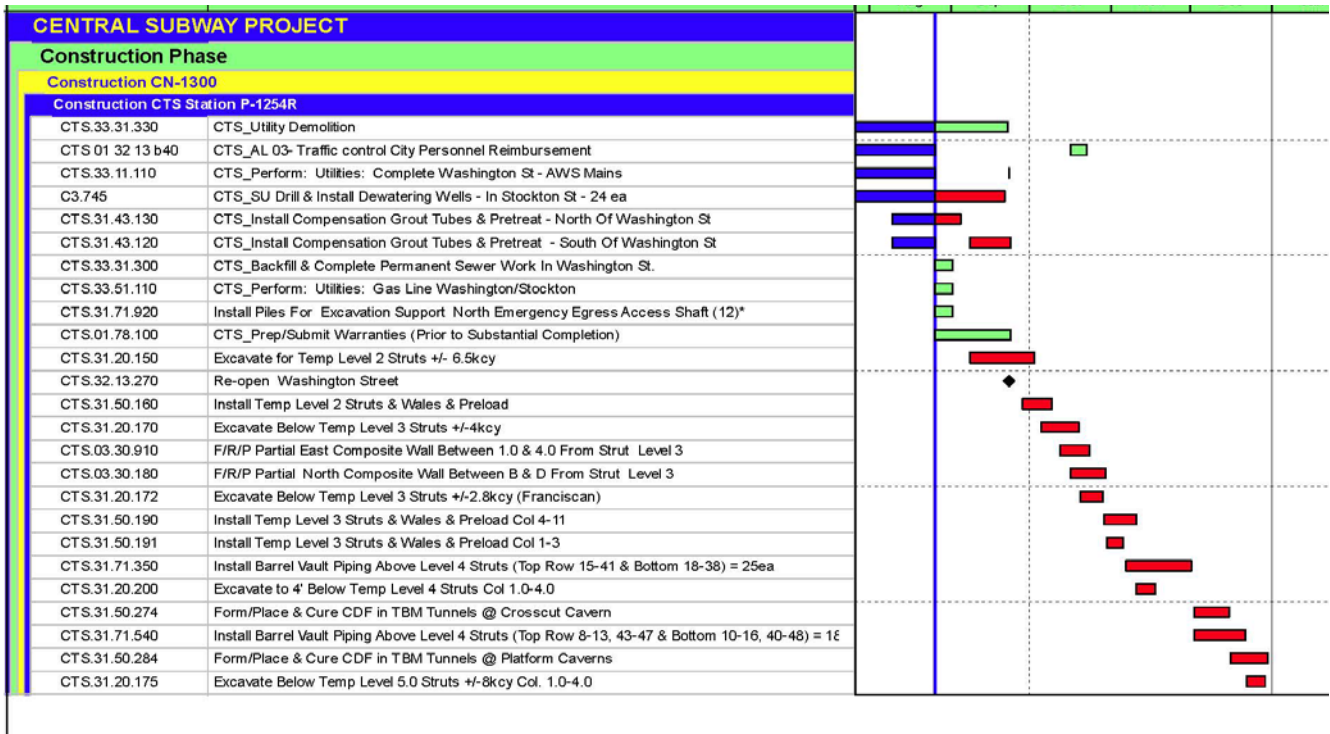
- Finish install compensation grout tubes, pre grout
- Build composite wall over crosscut cavern opening
- Slip line brick sewer on Stockton Street
- Finish dewatering wells on Stockton Street
- Excavate inside head house, install temp level 3 bracing

Chinatown Station Construction Status - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	May 21, 2019
Contract Award Value:	\$247,567,810
Modifications to Date:	\$230,956
Current Contract Value:	\$247,798,766

Budget/Expenditures	
Current Budget	\$252,567,810
Expenditures to Date	\$67,785,012

CTS Three Month Schedule



Union Square/Market Street Station

Contract 1300 Work Package 1253

Description of Work

This Work Package is to construct one subway station. 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

- Welding beams in the Ellis Annex and in the North Concourse
- Production and test jet grouting on the east and west sides of Stockton Street

Work Expected Next Month

- Street closures: Stockton Street between Ellis and Post and Ellis halfway, Stockton to Powell. Alternate lane configuration on O'Farrell at Stockton. Narrowing of Geary to 1 lane at Stockton. Total closure expected for several days, at night hours, for Geary/ Stockton Intersection
- Union Square Garage – demolition and abatement. Concrete installation
- North Concourse - install decking, concrete for roof deck and reroute of ductbanks and waterline
- Production and test jet grouting on the east and west sides of Stockton Street discontinued at month end until after moratorium
- Demolition and shotcrete installation operations at Ellis Street Annex
- Geary Street portion of North concourse sewer notch and roof installation should be complete



Three Month Look Ahead

- Progress I-beam, roof deck and waterproofing installation for roof deck construction
- Continue demolition operations at Ellis Street on remaining BART structure to be removed
- Install new roof on Ellis for BART Station entrance to UMS station
- Continue working on Union Square Garage demolition
- Suspended jet-grouting operations on Stockton Street between Geary and O'Farrell Streets
- Install new roof on Station between Maiden Lane and Geary Street

Union Square Market Street Station Construction - Continued

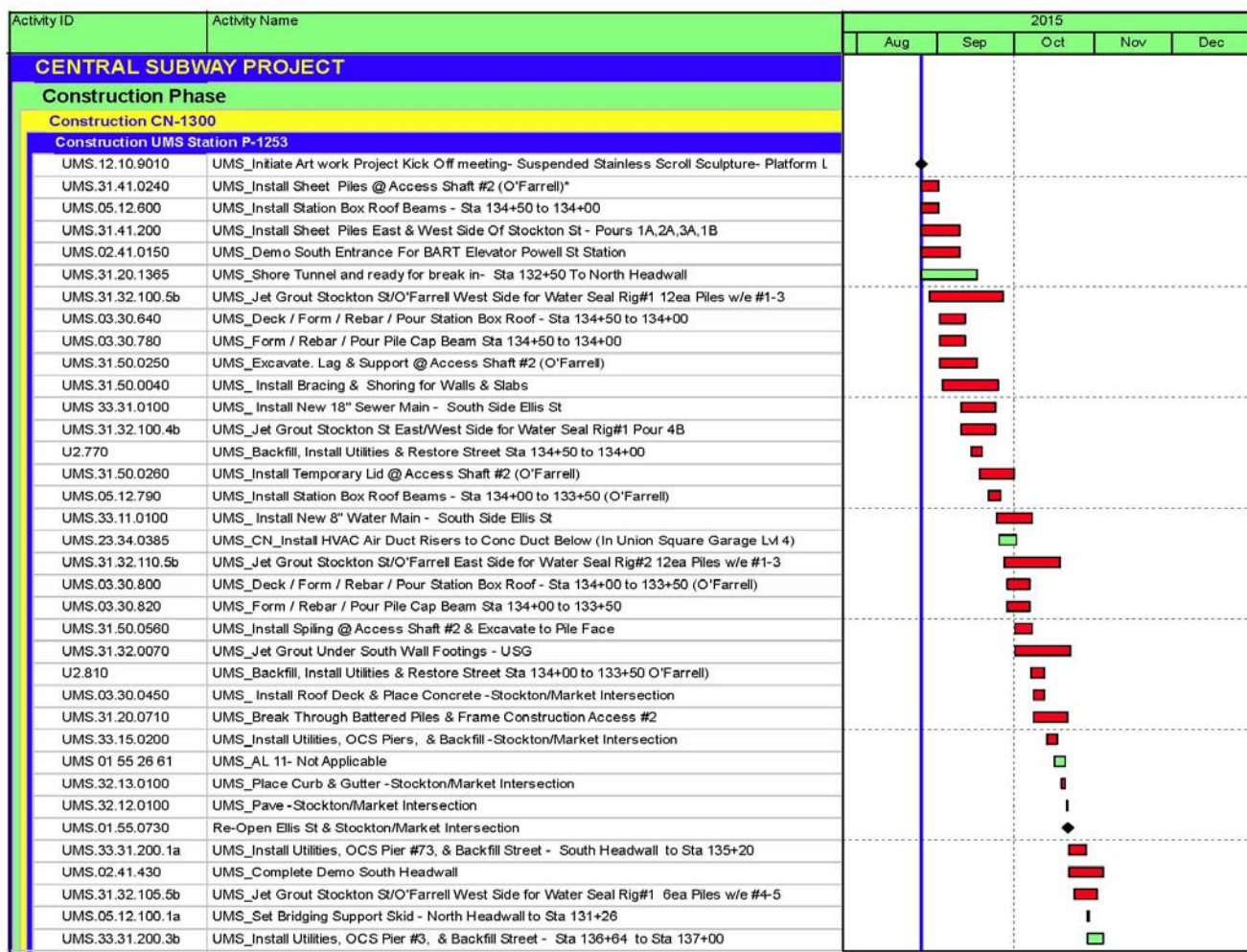
Contract Details

Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	May 21, 2019
Contract Award Value:	\$294,030,590
Modifications to Date:	\$90,000
Current Contract Value:	\$294,120,590

Budget/Expenditures ▲

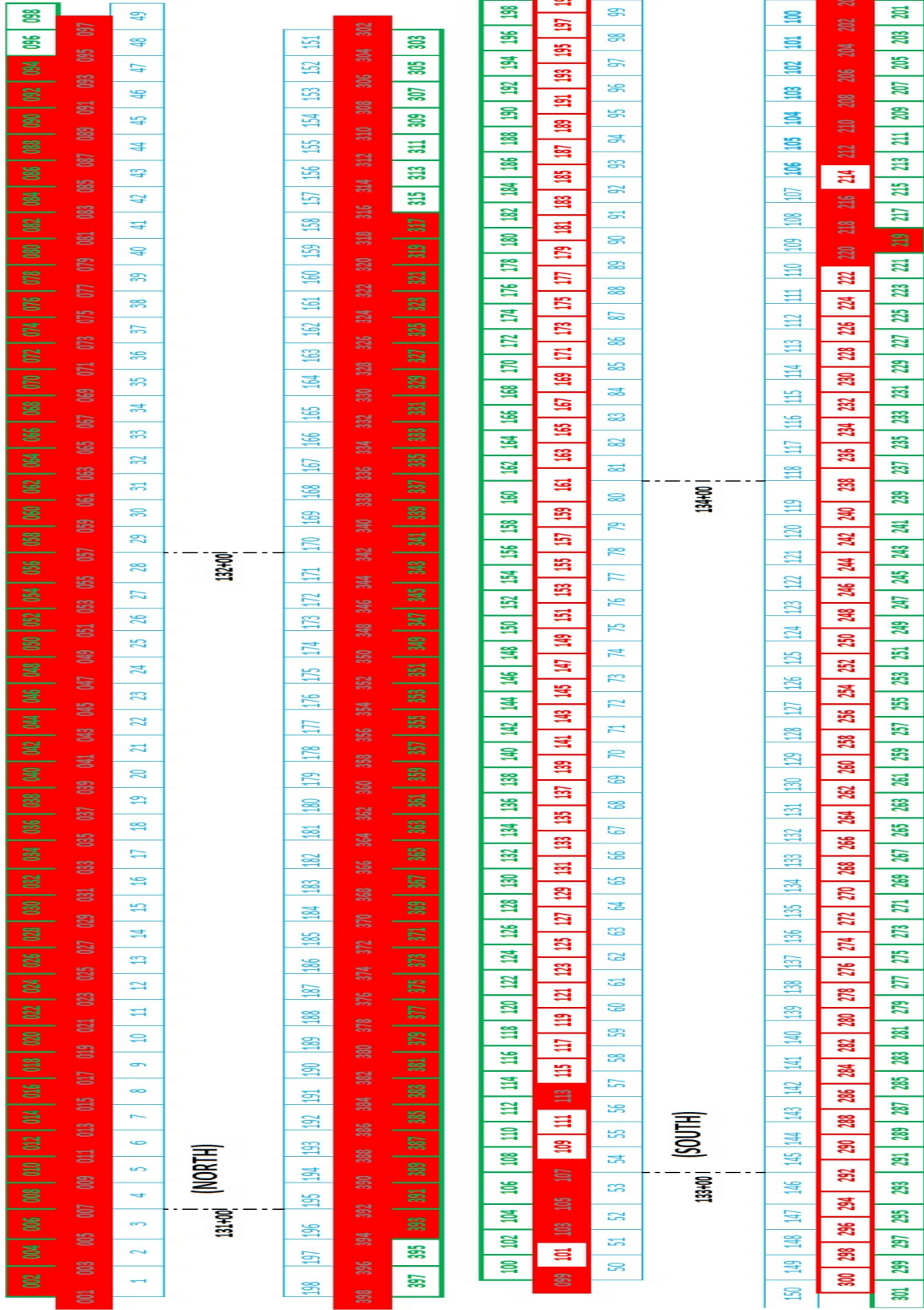
Current Budget	\$299,030,590
Expenditures to Date	\$123,490,744

UMS Three Month Schedule



UMS North End and South End Jet Grouting

Jet Grouting - 200 of 398 Completed



Yerba Buena/Moscone Station

Contract 1300 - Work Package 1255



Current Status

- Traffic flowing on west side of 4th Street with east side work area closed for roof and utility construction
- East side surface slab construction including waterproofing and backfill is complete
- Utility installation above the station box is complete
- Placement of concrete road base south of the Moscone Center egress ramp is complete
- Backfill over portion of headhouse beneath Clementina Street is in progress
- Utility installation at 4th and Howard (sewer mains, water lines, and electrical duct bank) is in progress
- Headhouse temporary bracing strut level 2 installation is in progress
- Breakthrough from headhouse to station box at level 1 is complete and excavation of the station box beneath 4th street has begun
- Archaeological monitoring by spot checking is in progress

Work Expected Next Month

- Complete east side roadway restoration from Howard to Folsom Streets

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.



- Complete utility installation on 4th Street between Howard and Folsom Streets
- Continue excavation and temporary bracing installation in headhouse and station box

Three Month Look Ahead

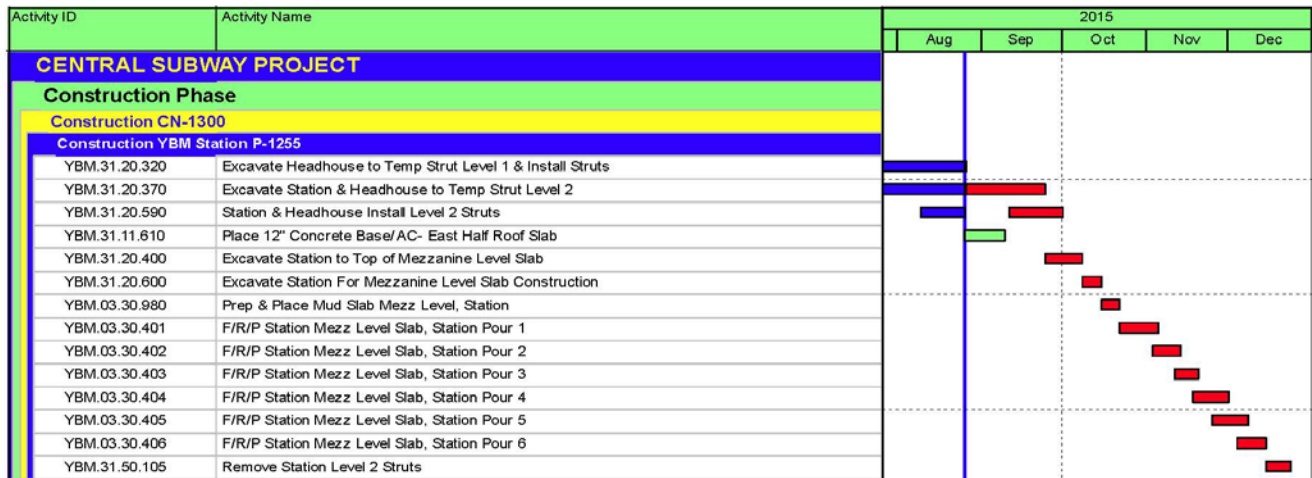
- East side road restoration
- Restoration of traffic lanes on 4th Street
- Continuation of headhouse and station box excavation, install excavation temporary bracing
- Archaeological Monitoring
- Utility installation at intersections of 4th Street with Howard and Folsom Streets

Yerba Buena Moscone Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	May 21, 2019
Contract Award Value:	\$158,089,000
Modifications to Date:	(\$1,833,869)
Current Contract Value:	\$156,255,131

Budget/Expenditures ▲	
Current Budget	\$163,089,000
Expenditures to Date	\$72,071,251

YBM Three Month Schedule



Systems, Trackwork, & Surface Station

Contract 1300 - Work Package 1256

Description of Work

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

Current Status

- Continue Muni ductbank installation
- Continue 78" sewer rehabilitation
- Continue 36" sewer force main
- Continue Auxiliary Water Supply System (AWSS) installation
- Start waterline work
- Start OCS pole foundation work
- Start AT&T crossing 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
- Start 4th/King Special Trackwork
- Continue OCS pole foundation work
- Continue AT&T crossing work

Three Month Look Ahead

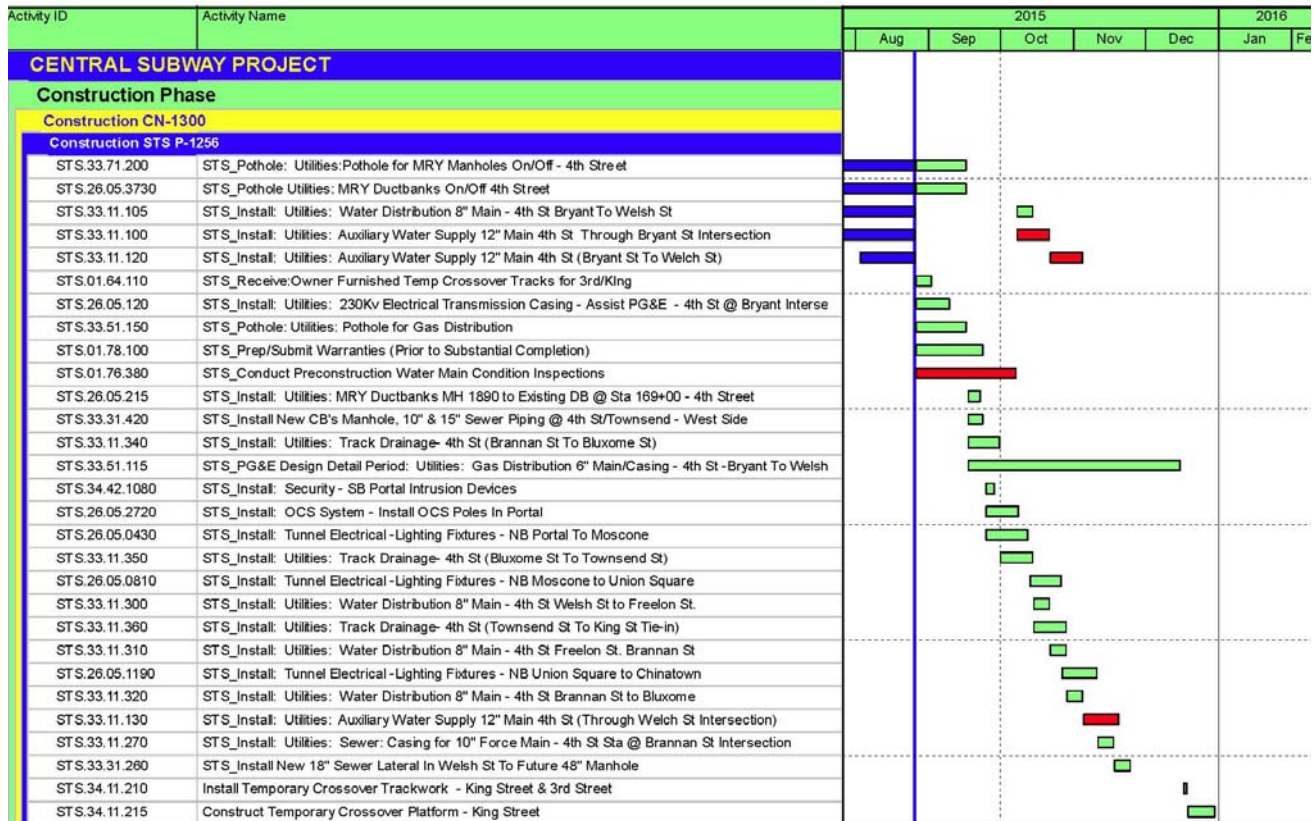
- Waterline installation
- AWSS installation
- Muni ductbank installation
- 36" sewer force main installation
- 78" Sewer rehabilitation
- Start 4th/King sewer structure modification
- OCS pole foundation installation
- AT&T crossing installation

Systems, Trackwork, & Surface Station Construction - Continued

Contract Details	
Contract Awarded:	May 21, 2013
Notice to Proceed:	June 17, 2013
Substantial Completion:	May 21, 2019
Contract Award Value:	\$139,989,000
Modifications to Date:	\$305,378
Current Contract Value:	\$140,294,378

Budget/Expenditures	
Current Budget	\$144,989,000
Expenditures to Date	\$24,970,587

Systems, Track and Surface Station Three Month Schedule



Program Components

Community Outreach

Outreach public information, events and presentations for August 2015 include:

- Outreach to stakeholders, merchants and residents for construction at 4th & King
- Prepare and staff Community Advisory Group meeting
- Met and attended walk through with District 3 Supervisor and business owners

Outreach in Support of Mitigation and Monitoring

Team members participated in weekly progress and traffic meetings to address neighborhood concerns

Outreach and communication efforts continue in Chinatown, Union Square, and SOMA

Weekly photo documentation of project work and editing

Weekly construction update emails sent to list of approximately 600 residents and stakeholders
 Distributed monthly construction update to STS and CTS neighborhood; CTS flier are bi-lingual

Media Coverage

Central Subway Media Coverage			
Date	Title (with link to story)	Source	Reporter/Writer
08/11/15	Dazzling "Sky Bridge" Transforms Chinatown Pedestrian Bridge	KOED	Sarah Hotchkiss
08/24/15	Central Subway dig leaves some store owners buried	SF Chronicle	C.W. Nevius

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

- UMS roof beam to pile WF installation – Installation of steel is proceeding as joint details are painstakingly reviewed for approval, through numerous meetings and subsequent revised/supplemental erection submittals
- UMS Water Proofing Subcontractor – Waterproofing Experts and substrate and application inspection/acceptance by Kingfield Construction Products (water proofing manufacturer)
- UMS Jet Grout Subcontractor, continuation of Jet Grout
- YBM Slurry Wall Panels to roof slab and interior slabs
- YBM Water Proofing Subcontractor – Waterproofing Experts and substrate and application inspection/acceptance by Kingfield Construction Products (water proofing manufacturer)
- TPC QC Daily Inspection Reports (which includes TPC's Specialty Subcontractor's QC checklists and associated documentation and Smith Emery Inspection Reports)
- Smith Emery - TPC's laboratory and Inspection Services – including Special Inspections that are also provided via email to the City of San Francisco's Department of Building Inspection (DBI) for all permitted Work)
- Preparatory, Initial and Additional Initial Phase Meetings as required by Specification Section 01 45 00. Attendance/participation of these vital meetings (Contractor is not allowed to start work until such time that all prerequisite requirements have been met which continues to greatly facilitates all work being done to the strict requirements of the Contract Documents, the "first time").
- Bi-Weekly and ad hoc (mostly at the request of the SFMTA Resident Engineer with Additional Initial Phase Meetings, per 01 45 00 Section 1.09, for pre-concrete placement) Quality Task Force (QTF) Meetings are attended primarily to assist and support the Contractor's QC effort.
- Daily Instrumentation/Monitoring and Construction Management Task Force (CMTF) Meeting
- Progress Meetings for C1300, STS, YBM, UMS and CTS when conducted and as time constraints allow.

Document comment and review:

- Contractor's submittals, e.g., review of welding, concrete and other Quality related submittals/comments as requested to support the RE's and CM, and RFIs related to quality.
- 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 and such) are brought to the attention of the Contractor.
- Review of updated CNCR logs and CNCRs that provide guidance to REs regarding content, accuracy of the disposition and confirmation close-out is correct – TPC QC has been asked to correct the CNCR Log that will result in accurate descriptions and status of each CNCR. TPC QC is

Quality Assurance - Continued

fulfilling the 24 hour initial generation of a CNCR once cognizant of a non-conforming condition, through the issuance of the “Initial Issue” of each CNCR. The Initial Issue of each CNCR provides the “what” and “where” but not the “why” or how to prevent repeating CNCRs. The accuracy and completeness of the CNCR Log continues to be a subject of discussion at each C1300 Progress Meeting and is tracked through the associated Meeting Minutes. TPC QC is now posting CNCRs to CM13, using the Noncompliance module of CM13. Currently, existing (completed by “hand”) CNCRs are posted as attachments as are the SFMTA RE’s responses to Use-As-Is and Repair dispositioned CNCRs.

QA Issues:

- TPC’s Program Executive has issued CAR #4 Revisions 3, the issue of TPC Management not honoring the QCM’s authority to Stop Work remains unresolved. Note that the 01 45 00 *Contractor Quality Control* Specification Section requires that the CQM has the ability to issue SWNs). CAR #4 is included in Quality Assurance Audit (QAA) QAA 025, which was posted to the EDMS and transmitted to the Contractor for responses to six (6) findings. TPC QC has provided a response to the QAA 025 which is currently under review.

QA Concerns:

- TPC QCM not having the authority to exercise Stop Work to prevent non-conforming work from being incorporated into the permanent Work. (CAR #4)
- Necessity of using both Reinforcing Steel Design Drawings and approved Reinforcing Steel Shop Drawings to inspect/accept rebar placement.
- Incomplete/confusing shop drawing submittals for UMS structural steel resulting in QC and or QA stopping TPC from making welded connections upon discovery that approved details are missing, continues.



Quality Assurance - Continued

- Welding inspection and associated documentation of CWI acceptance of all welded joints, including tack welding, at UMS. Smith Emery continues to update and refine their spreadsheet “tool” that is used by TPC QC to account for the acceptability and associated documentation by CWIs for all welded joints that are to be embedded in concrete.
- Use of CM13 as the document depository related to a user having the ability to delete submittal attachments after a submittal has been approved without any record or trail of the deletion (this was a finding included in QAA 025 Audit Report)
- Contractor’s Quality Control Program’s acceptance of verbal direction from PM releasing a SFMTA Hold Point (re TPC CAR #6)

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.
- On-going indoctrination to the CSP Quality Program continues on a one-to-one basis as new personnel are added to the PM/CM Staff.
- The Contractor’s response to the 6 audit findings of Quality Assurance Audit QAS 025 of the implementation and effectiveness of some components of the C1300 Contractor’s approved Contractor Quality Program (CQP) is currently being reviewed with the primary effort associated with the verification of the objective evidence of each audit finding response.
- Revision 12 (Review Cycle 12) of the Contractor’s Quality Program (CQP) was submitted and dispositioned as Revise and Resubmit because the process and form to be utilized for CNCRs was not as required by the Contract – the Contractor was reminded that the previous approved CQP was still in effect. Review Cycle 13 of the CQP, in response to SFMTA’s comments has been posted to CM13 as requested by SFMTA and is currently under review. Approval is anticipated by mid next month.
- Quality Assurance Surveillance’s QAS 066 CWI’s performing welding inspection acceptance with required documents at UMS was closed predicated upon review of TPC’s QC response to the surveillance.
- Quality Assurance Surveillance’s QAS 069 – Waterproofing at UMS was initiated regarding submittal approvals/status and compliance with the Cold Fluid-Applied waterproofing Specification 07 14 16; this surveillance will be completed mid next month.

Quality Assurance - Continued

Risk Management

Risk Mitigation Management Meeting No. 73 was held on August 6, 2015. The Risk Assessment Committee reviewed and discussed Risks that include Construction Risks with ratings above 6; Remaining Requirement and Design Risks; and, any New Risk Assessment and Mitigations identified to date.

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

The PMCM team continues to weekly safety meetings at both the Bush Street and Howard Street locations. Some of the staff was trained in First Aid/CPR/AED to assist with tunnel tours for visitors. Management determined that it would be better if many more staff had the training. A questionnaire was sent out and this training is in the process of being set up and completed during September.

Safety bulletin boards have been put up and are currently being populated with various safety articles and pictures of the project.

Safety Summary for the 1300 Stations Systems Track Construction Package

Cal-OSHA Mining and Tunneling conducted their bi-monthly inspection of the three underground stations. They found three items that consisted of a ladder landing with insufficient space, a rung on a job built ladder had a knot in it, and an electrical cord was found running through a doorway to a conex box. All items were corrected.

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

STS had no recordable or first aid incidents. They are focusing their efforts on the shutdown at 4th and King Streets over the Labor Day holiday weekend.

UMS did not have any recordable or first aid incidents. The results of the air sampling came in and it was determined that due to high levels of particulates, workers on the lower levels of the Union Square Garage demolition must wear respirators. This applies to SFMTA inspectors as well.

YBM did not have any recordable or first aid incidents. Excavation under 4th Street started. Workers encountered some "obnoxious odors" during excavation. Tutor has installed ventilation fans to help remove/dilute the odors while work is taking place.

CTS continues excavating the head house area. This site has been off hauling the spoils from their excavation. Part of this requires the haul trucks to back down Washington Street just west of the site. Flaggers are present to assist the truck drivers and stop traffic to allow the trucks to back in or pull out. While assisting one truck, a flagger was struck by a vehicle. He did not have any broken bones or lacerations. However, he was taken to a local hospital for "observation". He was released later in the day and returned to work. This was a recordable incident as he was prescribed some medication.

Program Safety & Security - continued

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. Table 1300 shows that no recordable accidents took place in July for the work underway at the station sites and surface line.

Next Month Look Ahead

1300 Contract

1. AT CTS, the stairway has been erected and placed for easier access to below ground construction. Layne is drilling compensation grout holes. Viking is still drilling holes at street level for the dewatering system and should be done soon.
2. UMS station is seeing the beginning of the demolition of the eastern portion of the Union Square Garage. Work at UMS central resulted in the closure of the pedestrian sidewalk in front of Macy's –Women's Store. A close eye will be maintained on that event. Layne is mobbing out of the area.
3. AT YBM, we will closely monitoring traffic controls. The contractor is trying to finish the 4th Street work ASAP because the saleforce.com event is coming the beginning of September and Howard Street is closed for a full week adjacent to their worksite.
4. The critical work at STS this month is the closure at 4ht and King Streets. Close supervision will be conducted.

Tutor will be given access to the tunnels sometime in September. The majority of the work from the launch box to Chinatown will fall under the STS package. We will be maintaining a watchful eye on all activities inside the tunnels to ensure worker safety as well as compliance with Cal-OSHA regulations.

Project Safety Record - Contract 1300

SAFETY GOALS

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

Through Month End -August 2015

JOB TO DATE	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	1	0	1	0.30
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
Total Project Incidents	1	0	1	0.30
Man Hours Worked Through M/E August 2015	275,788	385,791	661,579	

YEAR TO DATE (Month ,Day, Year to Month, Day, Year)	Tutor	Subs	Total Project	Rate*
OSHA Recordable Accidents	1	0	1	0.74
Job Transfer or Restricted Duty Cases	0	0	0	0.00
Lost Time Cases	0	0	0	0.00
Total Project Incidents	1	0	1	0.74
Man Hours Worked Through M/E August 2015	140,018	129,574	269,592	

* 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

Technical Capacity

No Project positions are currently open or unfilled.



Steel supports are temporarily installed to support the exterior walls of the station headhouse, while excavation is underway.

Staffing

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

	Jun-2015		Jul-2015		Aug-2015	
	Planned	Actual	Planned	Actual	Planned	Actual
Project Management						
Program Management	7.10	6.00	7.10	6.00	7.10	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	5.10	5.50	5.10	5.50	5.10
Finance	2.00	2.00	2.00	2.00	2.00	2.00
Project Controls	5.80	6.10	5.80	5.80	5.80	5.80
Subtotal	23.60	22.90	23.60	22.60	23.60	22.60
Construction Management						
CM - CN 1252	4.00	2.00	1.00	1.00	1.00	1.00
CM - CN 1300	30.00	28.20	30.00	30.00	30.00	31.00
Design Support - CN 1252	0.90	0.10	0.00	0.10	0.00	0.10
Design Support - CN 1300	12.40	12.00	12.40	12.00	12.40	12.00
Subtotal	47.30	42.30	43.40	43.10	43.40	44.10
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	73.90	67.30	70.00	67.80	70.00	68.80

Third-Party Agreements

In January 2015, the court issued a decision on the amount payable to the property for the single outstanding access license, for compensation grouting, at 19 Stockton Street, adjacent to the Union Square / Market Street Station. The City Attorney's Office is working with Project Staff to release payment of the Court ordered amount to the property owner.

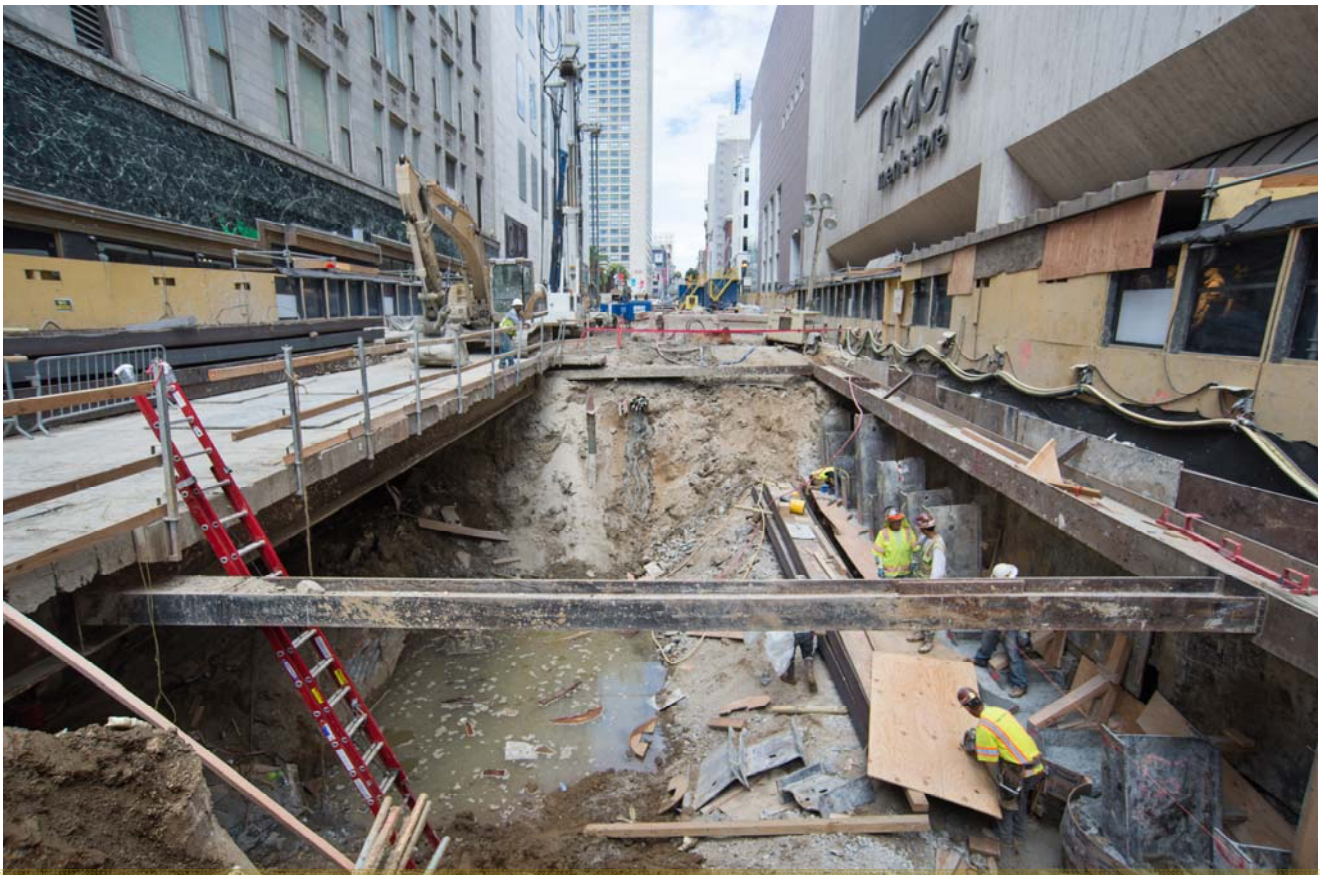
Installation of instrumentation within the building is complete. Installation of the grout tubes commenced late June and continued into July. Project staff continue to keep the Property Owner informed of the status of the work.

LRV Procurement

The SFMTA light rail vehicle procurement continues to schedule the 24 LRVs that will be part of the Central Subway start up to be ready for service testing and training by mid 2018 in order to begin use at the start of Central Subway service in December 2018.

The SFMTA Board authorized award of the contract on July 15, 2014 to Siemens for up to 260 cars, which includes a base contract of 175 cars for a total of \$648 million, with an option to acquire up to 85 more, bringing the overall total to 260 cars. On September 19, 2014 Mayor Edwin Lee approved the contract.

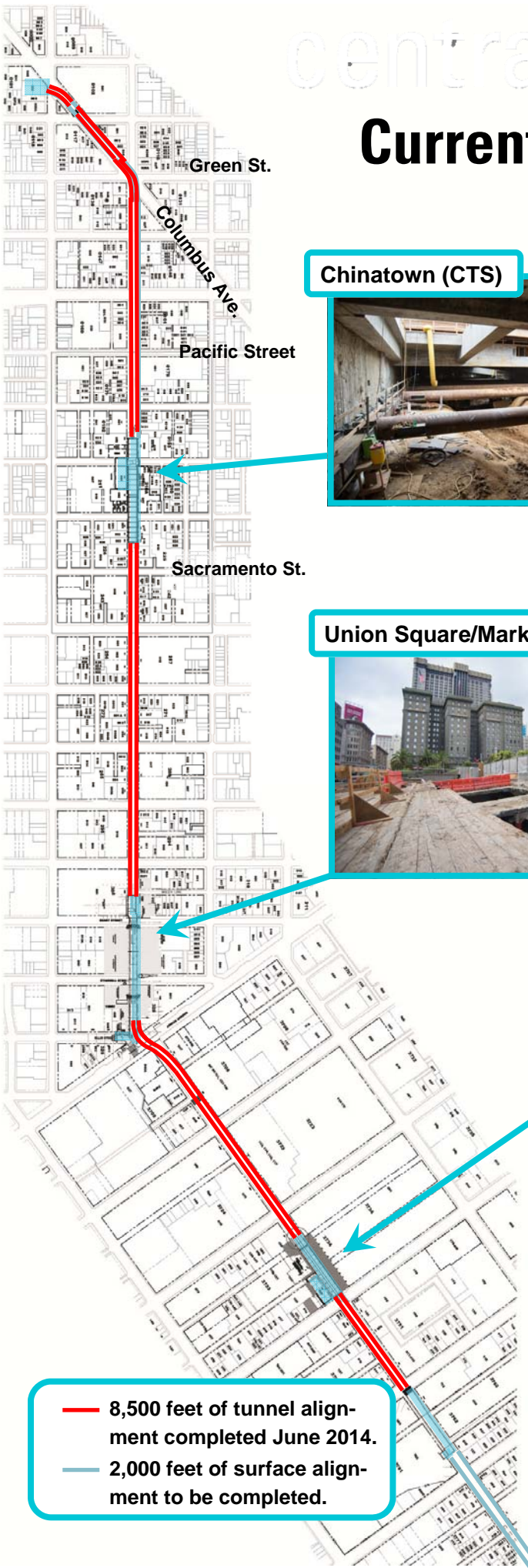
LRV task date/month milestones will be further developed and integrated into CS Master Project Schedule, the Rail Activation Plan and the startup schedule in 2015.



A temporary truss bridge was constructed across a site under excavation north of O'Farrell on Stockton. Here, workers have begun installing elements of a future roof

Central T subway

Current Construction Activity



Chinatown (CTS)



Union Square/Market Street (UMS)



Yerba Buena/Moscone (YBM)



4th St. Surface Track, Systems (STS)





With the first level of excavation inside the station headhouse complete, these temporary steel supports have been installed to equalize soil pressure against interior walls.



Drilling to inject grout and improve soil conditions is ongoing around the exterior of the station headhouse.



A mini excavator piles soil high for the large excavator on the temporary deck above to lift away.



Light flashes and more sparks fly with welding and torch cutting atop one of the temporary steel supports.

UMS



Access holes have been created to remove demolished material from the garage interior.



Demolished material is sorted by an excavator operator and wetted down for dust reduction prior to being removed offsite.



A crew has begun installing a rebar lattice atop a section of corrugated steel sheets used in the construction of the Union Square/Market Street north concourse roof deck.



Stairs from the former Ellis Street entrance to Powell BART/Muni Station are visible amid new structural beams and piles integrating the old access point with the new south concourse of the station.



The last section of finished Yerba Buena/Moscone Station roof slab prior to the installation of waterproofing.



Trenching operations to tie in new utilities following backfilling of the last section of roof slab to be constructed, south of Howard on 4th.

YBM - continued

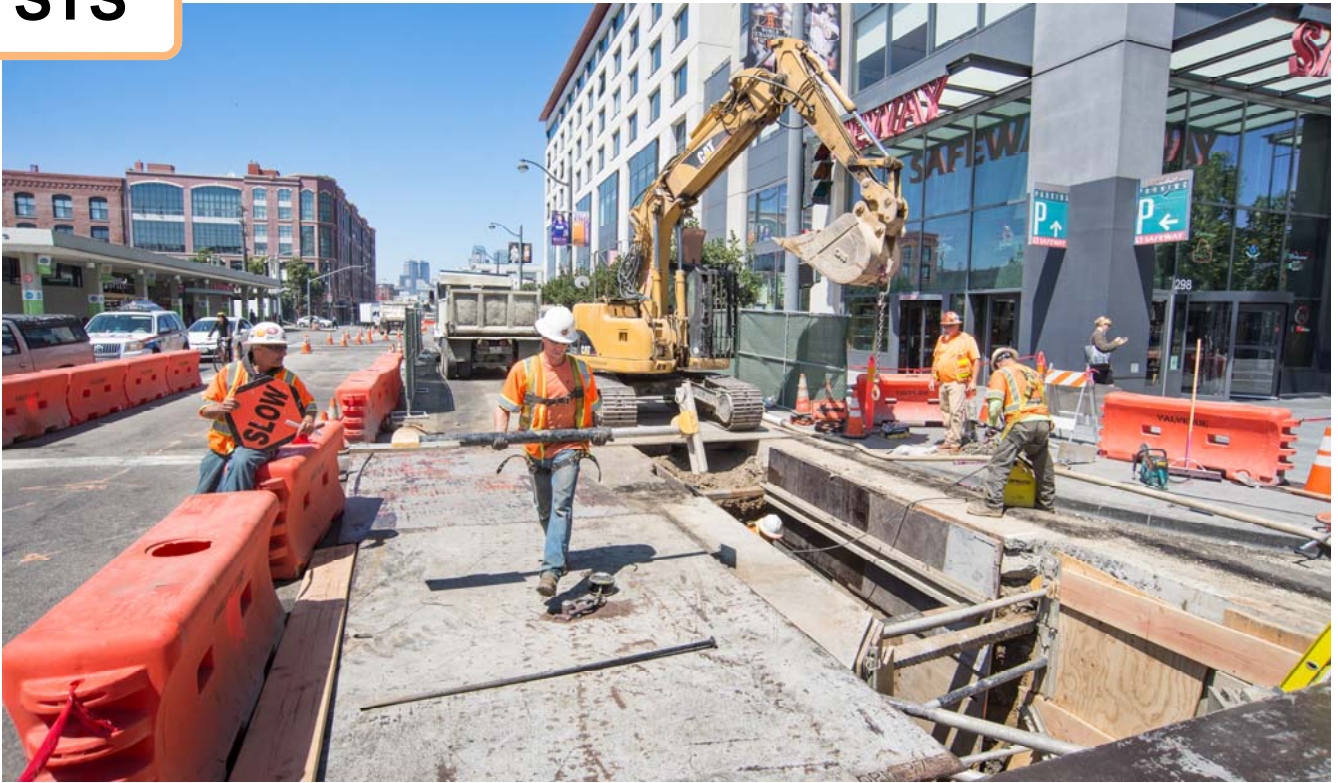


The partially-excavated headhouse structure, at 4th and Folsom.

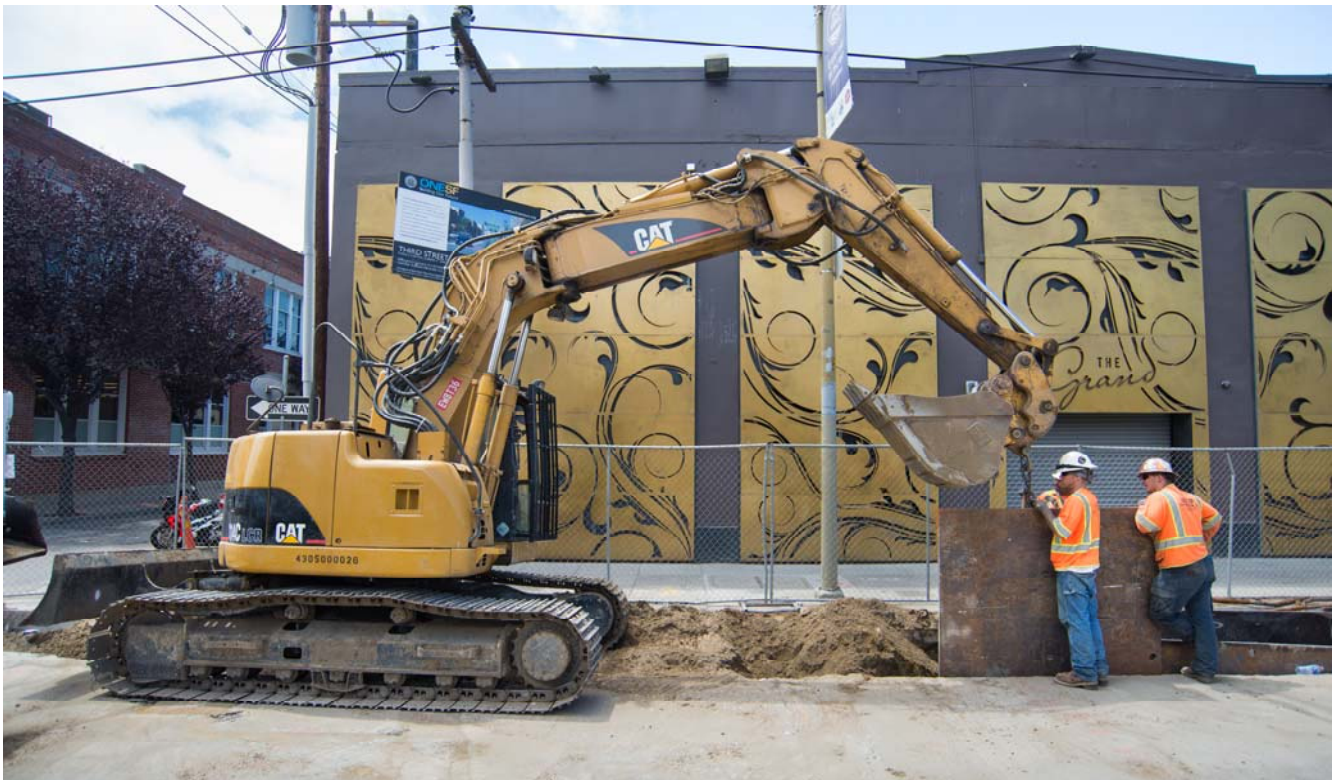


Under the shadow of the temporary deck constructed over the headhouse excavation area, which will be used for cranes and other large equipment.

STS



Work to install and upgrade sewer and water lines on 4th, at the intersection of King Street.



A sheet of steel is lowered into a trench for safety during excavation, just north of Welsh Alley on 4th Street.

STS—Continued



Trenching and utility upgrades are ongoing at 4th Street and Welsh. Here, temporary steel plates cross the utility trench to allow vehicular access.



Sections of old sewer pipes see the light of day before being upgraded on 4th south of Townsend.

Appendix A

DETAIL COST REPORTS

August Cost Report Revision 1

October 8, 2015

This revision superseded Appendix A Cost Reports issued on 9/24/2015

Revision #1 is to issue Report 7.9 Detail Monthly Expenditure Report after partially reassign Standard Cost Categories (SCC) by Contract 1300 Contractor back to previous report for Contract 1300 SCC assignment.

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 \$830.85 million, a \$12.07 million increase over last month. The cost to date figure reflects expenditures through FAMIS 786 Report (\$790.44 million) plus the utilities joint trench Form B Reimbursement payment (\$10.03 million), invoices currently being processed (\$15.74 million) and estimates of outstanding pay requests (\$14.63 million). This incurred amount equals 52.64% of the total project budget of \$1.578 billion.

The current funding level to date is \$1,029.79 million. This represents 65% of the total project budget.

CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT	CONTRACT	PP NO	PP PERIOD TO	PROG PYMT AMOUNT
CS155.1	52	3/31/2014	\$ 26,671.53	CS155.2*	66	8/31/2015	\$ 183,581.00
CS155.1	53	4/30/2014	\$ 19,500.26	CS155.3	60	3/31/2015	\$ 71,356.82
CS155.1	54	5/31/2014	\$ 29,166.76	CS155.3	61	4/30/2015	\$ 63,343.30
CS155.1	55	6/30/2014	\$ 22,666.39	CS155.3	62	5/31/2015	\$ 65,121.96
CS155.1	56	7/31/2014	\$ 36,602.38	CS155.3*	63	6/30/2015	\$ 53,964.00
CS155.1	57	8/31/2014	\$ 40,273.52	CS155.3*	64	7/31/2015	\$ 47,059.00
CS155.1	58	9/30/2014	\$ 37,269.95	CS155.3*	65	8/31/2015	\$ 38,422.00
CS155.1	59	10/31/2014	\$ 30,018.32	Contract 1252	39	4/30/2015	\$ 1,174,889.06
CS155.2	60	11/30/2014	\$ 20,183.22	Contract 1252	40	5/31/2015	\$ 236,920.00
CS155.1	61	12/31/2014	\$ 18,828.97	Contract 1300	19	7/31/2015	\$ 10,859,028.00
CS155.1	62	1/31/2015	\$ 20,970.00	Contract 1300*	20	8/31/2015	\$ 12,655,738.71
CS155.1	63	2/28/2015	\$ 19,921.99	CS149	76	5/31/2015	\$ 483,285.82
CS155.1	64	3/31/2015	\$ 16,373.00	CS149	77	6/30/2015	\$ 678,039.03
CS155.1	65	4/30/2015	\$ 16,369.00	CS149	78	7/31/2015	\$ 479,587.40
CS155.1	66	5/31/2015	\$ 2,121.00	CS149*	79	8/31/2015	\$ 650,001.00
CS155.1*	67	6/30/2015	\$ 1,180.00	CS156.1	48	1/31/2015	\$ 81,713.15
CS155.1*	68	7/31/2015	\$ 1,181.00	CS156.1	49	2/28/2015	\$ 79,068.45
CS155.1*	69	8/31/2015	\$ 1,805.00	CS156.1	50	3/31/2015	\$ 84,617.12
CS155.2	60	2/28/2015	\$ 124,730.00	CS156.1	51	4/30/2015	\$ 75,569.04
CS155.2	61	3/31/2015	\$ 152,981.50	CS156.1	52	5/31/2015	\$ 62,700.74
CS155.2	62	4/30/2015	\$ 190,528.01	CS156.1	53	6/30/2015	\$ 88,018.61
CS155.2	63	5/31/2015	\$ 180,173.67	CS156.1*	54	7/31/2015	\$ 53,950.08
CS155.2*	64	6/30/2015	\$ 186,844.91	CS156.1*	55	8/31/2015	\$ 74,324.20
CS155.2*	65	7/31/2015	\$ 196,468.00	other accruals*		8/31/2015	\$ 641,666.43
				* Estimated Amount			
				\$ 30,374,793.30			

2. CONTINGENCY ALLOCATIONS AND USAGE

The current Total Project Contingency is **\$84.51 million**, which is a \$24.51 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 and Contract 1300 Station had not processed any contract modifications. Refer to Report 7.5 for approved contract modifications and

potential changes.

3. **BUDGET TRANSFERS**

Released \$15M from Contract 1252 Tunnel assigned contingency to program unallocated contingency in this reporting period.

4. **FORM B**

The Utilities Joint Trench Form B Details is listed in the Table A2 below. Total utilities joint trench Form B Reimbursement payment to three construction contracts is \$10.03 million.

TABLE A2: UTILITIES JOINT TRENCH FORM B DETAILS*	[A] Apr 2015 BUDGET	[B] EXPENDED TO DATE	Associated Cost Account
1.3.491.07.040.02 - FORM B - CN1250 UTILITY REIMBURSEMENT	(2,275,419)	2,463,325	1.3.081.07.040.02 - 1UTL:SITWORK: UTILITIES & RELOC
1.3.491.08.040.02 - FORM B - CN1251 UTILITY REIMBURSEMENT	(7,618,412)	3,608,217	1.3.082.08.040.02 - 2UTL:SITWORK:UTILITIES&RELOCATE
1.3.491.02.040.02 - FORM B - CN1252 UTILITY REIMBURSEMENT	(254,050)	3,958,658	1.3.083.02.040.02 - TUNN:Sitework:Utilities & 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: CN1300 UTILITY REIMBURSEMENT	(528,370)		
1.3.491.05.040.02 - FORM B - YBM: CN1300 UTILITY REIMBURSEMENT	(100,000)		
TOTAL	(12,227,954)	10,030,200	

Note: *Revised Form B Reimbursements SCC code from 900.01 to 040.02.

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

In August 2015 Report, Central Subway Project Master Schedule has used Contract 1300 Station contractor baseline schedule and August monthly update schedule. Contractor starts to address cost issues in the active schedule. Earned Value Analysis and Earned Value Cash Flow Curve, Report 7.2 are not included in August Report.

Earned Value Analysis and Definitions

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

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

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

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

6. FUNDING SUMMARY

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

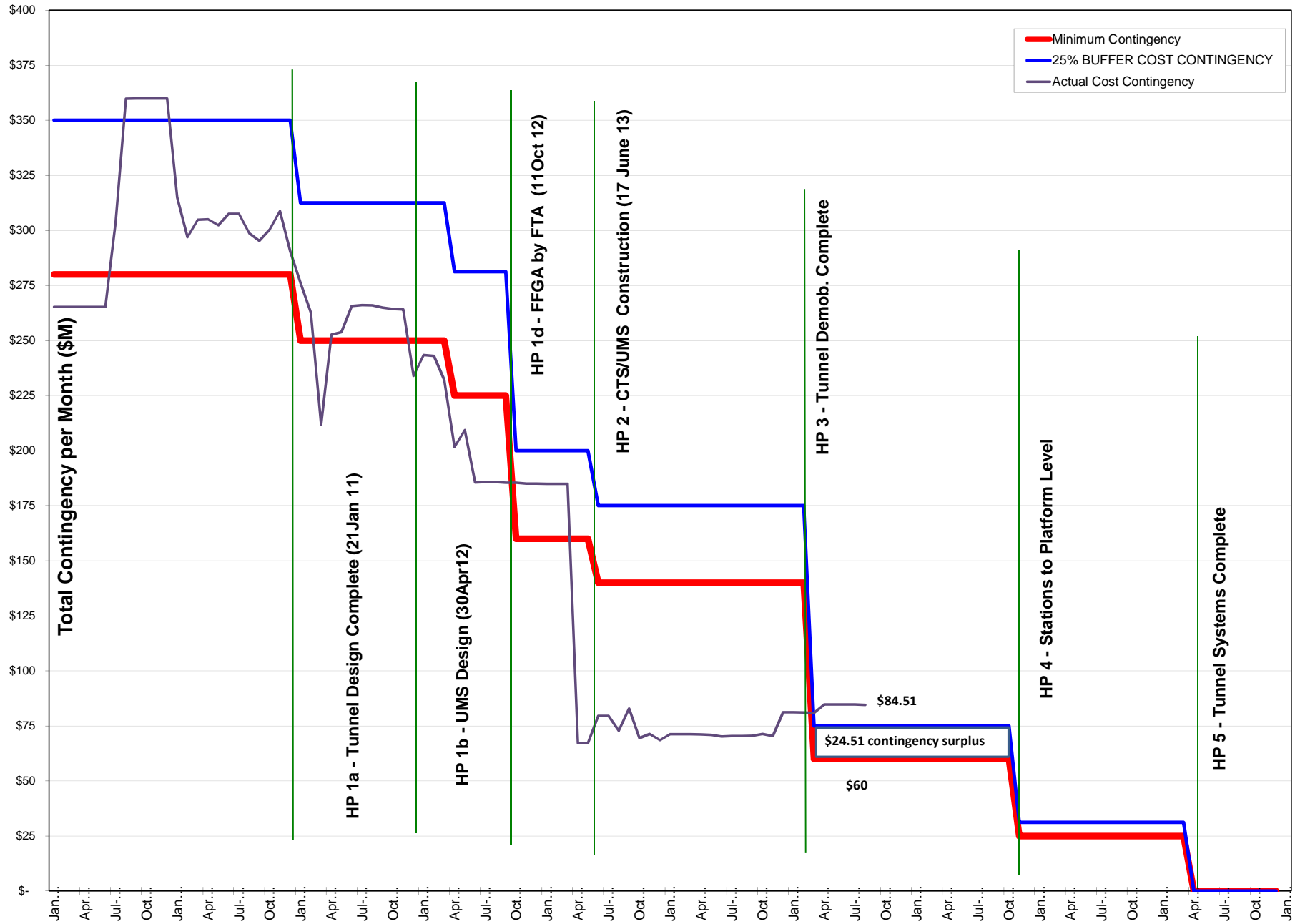
Funding Available Table		
	Funding	
	Committed Funding Sources	Total Awarded Funds to Date
Federal		
Sect. 5309-NS	\$942,200	\$469,196
CMAQ	\$41,025	\$41,025
Federal Subtotal	\$983,225	\$510,221
State		
TCRP	\$14,000	\$14,000
State RIP	\$88,000	\$12,498
Prop. 1B (I-Bond) PTIMSE	\$307,792	\$307,792
Prop. 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	\$1,029,794

7. LIST OF COST REPORTS

- 7.1 Program Project Budget
- 7.2 Earned Value Cash Flow – NOT Issued
- 7.3 Contingency Drawdown Curve
- 7.4 Summary Contingency Management Trend Report
- 7.5 Detail Contingency Usage Report
- 7.6 Budget Revisions: Report sorted by Construction Packages & Soft Costs
- 7.7 Project Budget & Expenditure Report: Sorted by SCC Summary
- 7.8 Budget & Expenditure Report: Sorted by SCC Details
- 7.9 Detail Monthly Expenditure Report: grouped by Project Phase
- 7.10 Cost Report Notes

A. Central Subway Project						
Project	Name	Amount	PM	Funding Source	Reporting	Cost Report Notes
1	CPT544 Central Subway Project	\$1,578,300,000	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	9/27/2014 SFPUC - 24" Water Main	\$328,857	68CPT544135A	Contract 1252 CMod #41	yes	11
7	8/27/2014 SFMTA Traffic Effectiveness Project funded	\$694,651	--	Contract 1252 CMod #40	yes	12
8	3/27/2015 SFPUC - 24" Water Main Additional Work	\$112,102	68W409	Contract 1252 CMod #48	yes	13
Total:		\$24,005,900				

Cost Contingency Drawdown



COST ELEMENT	CONTRACT COST					CONTINGENCY				BUDGET	VARIANCE	Cost Report Notes	
	ORIGINAL CONTRACT VALUE / September 2013 SUPPLEMENTAL BUDGET	APPROVED CHANGES	CURRENT CONTRACT VALUE	POTENTIAL CHANGES	ESTIMATE AT COMPLETION (EAC)	ORIGINAL CONTINGENCY / Sep 2013 SUPPLEMENTAL CONTINGENCY (Exclude CN 1250 & CN1251)	CONTINGENCY ADJUSTMENT TRANSFERS	REVISED AUTHORIZED CONTINGENCY (Exclude CN1250 & CN1251)	REMAINING CONTINGENCY AFTER APPROVED CHANGES DEDUCTED	ORIGINAL CONTRACT VALUE + REVISED AUTHORIZED CONTINGENCY	BUDGET - ESTIMATE AT COMPLETE		
	a	b	[a + b]	d	[c + d]	f	g	h	i	[a + h]	[j - e]		
SCC 10-50 CONSTRUCTION CONTRACT PACKAGES													
1250	UTILITY RELOCATION PACKAGE #1	9,273,939	2,694,211	11,968,150		11,968,150	1,953,377	740,834	2,694,211		11,968,150	14	
	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	15	
	Contract 1251 Department of Technology	75,615		75,615		75,615					75,615		
1252	GUIDEWAY TUNNEL	233,584,015	1,421,807	235,005,822	(77,798)	234,928,024	23,658,464	(21,173,511)	2,484,953	1,063,145	236,068,968	1,140,943	16
1300	STATIONS	839,676,400	(1,207,535)	838,468,865	14,153,480	852,622,345	20,000,000		20,000,000	21,207,535	859,676,400	7,054,055	17
	1253 UNION SQUARE/MARKET ST STATION [UMS]	294,030,590	90,000	294,120,590	9,672,146	303,792,736	5,000,000		5,000,000	4,910,000	299,030,590	(4,762,146)	
	1254 CHINA TOWN STATION [CTS]	247,567,810	230,956	247,798,766	5,413,156	253,211,922	5,000,000		5,000,000	4,769,044	252,567,810	(644,112)	
	1255 YERBA BUENA/ MOSCONE STATION [YBM]	158,089,000	(1,833,869)	156,255,131	2,543,343	158,798,474	5,000,000		5,000,000	6,833,869	163,089,000	4,290,526	
	1256 SURFACE TRACKWORK & SYSTEMS [STS]	139,989,000	305,378	140,294,378	(3,475,164)	136,819,214	5,000,000		5,000,000	4,694,622	144,989,000	8,169,786	
OTHER		31,233,501		31,233,501	0	31,233,501	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	6,870,515	1,137,713,291	14,075,682	1,151,788,973	44,818,464	(21,173,511)	23,644,953	23,430,680	1,161,143,971	9,354,998	
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	5,265,478	5,265,478	41,777,277	9,530,956	18
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	26,385,653	13,076,653	19
80	PROFESSIONAL SERVICES	310,518,041		310,518,041		310,518,041	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	36,563,210	36,563,210	396,902,050	40,828,688	
SCC 90	UNALLOCATED CONTINGENCY						3,845,945	20,673,511	24,519,456	24,519,456	24,519,456	24,519,456	20
TOTAL		1,501,981,328	(8,194,675)	1,493,786,653	14,075,682	1,507,862,335	70,162,429	14,565,190	84,727,619	84,513,346	1,582,565,477	74,703,142	
											Total Project Budget	1,578,300,000	21
											Estimate At Completion	1,507,862,335	22
											Variance	74,703,142	23

Note #15 - Adjusted Contract 1252 Guideway Tunnel contingency "column g" to reflect construction contract modifications #20, #40, #41 and #48 were funded by other funding sources.

Contract Modification/Trend Log - Contract 1300 Stations

Awarded NTE Amount	\$839,676,400	\$838,468,865
Substantial Completion	2/10/2018	2/10/2018

	UMS	CTS	YBM	STS	COST REPORT NOTES
Potential Changes	\$9,672,146	\$5,413,156	\$2,543,343	(\$3,475,164)	24
Forecasted - Trends	\$5,046,566	\$2,855,600	\$783,235	(\$30,000)	
Negotiation					
Change of date range to receive art	(\$10,001)				
Grade 50 Steel inLieu ofA913 Grad70	\$595,197				
UMS -Remove AWSS Hydrant at OFarrel	\$8,421				
STS-FACO #20 Add'I Soil Testing Req				\$5,000	
CTS-FACO #5 Unidentif 3" Metal Pipe		\$350			
UMS BART Entry Hazmat Abatement	\$33,600				
CTS- AWSS Wk PGE relocation schedul		\$60,309			
STS Traffic Signal and SL Changes				\$298,307	
STS Comm and Elec Cabinets Relocati				\$67,221	
CTS-PCC#17 FH at Jade Galore		\$106,350			
STS - OCS Pole Changes				\$12,706	
STS Additional AT&T Ductbank at 4th				\$139,238	
CTS-FACO#39- Soil Testing cmplly OAB		\$5,000			
STS-FACO #37 30" Force Main Removal				\$60,000	
UMS FACO #31 NDSC Incomplete PGE DB	\$32,980				
UMS-FACO #25 OCS Pole@ Market/Ellis	\$2,000				
UMS FACO #34 Becho Obstruct J Piles	\$15,000				
UMS FACO #45 Blocked Stubs PG&E	\$7,500				
UMS FACO #38 Pile H3 & H4 Piles	\$15,000				
STS-FACO #41 Groundwater Lead Filtr				\$5,000	
UMS-FACO #30 NDSC Inadequate CDF	\$50,000				
YBM PCC 41 Install #7 Box Clementin			\$52,667		
STS - 12" AWSS Incorrectly Shown				\$35,134	
STS Existing Fuel & Transite in MRY				\$10,000	
UMS - PCC #039 (12" WL Relocate)	\$225,468				
Pipe Protection for in-slab piping	\$103,475				
CTS-Delete Tree Planting		(\$3,967)			
UMS - PCC #030 (US Garage Underpin)	\$474,470				

Contract Modification/Trend Log - Contract 1300 Stations

**Awarded NTE Amount
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	UMS	CTS	YBM	STS	COST REPORT NOTES
UMS Install Deluge Main	\$67,575				
UMS Install Floor Drain	\$6,579				
UMS - N. Entrance Art Glass and Gla	\$681,978				
YBM COR 44 Buried concrete wall			\$60,000		
YBM COR 45 Abandoned sewer not			\$6,000		
YBM COR 46 Add analytical tests			\$5,000		
YBM COR 64 Buried sheet pile P-7			\$7,500		
YBM COR 72 CN1252 North Headwall			\$100,000		
STS COR #89 Extra Sewer Work				\$8,090	
STS COR #91 PG&E Vault Conf 16" Wtr				\$20,000	
STS COR #93 12" Water Conf 12" Tee				\$5,000	
STS COR #94 Unknown DB Conf 12" Wtr				\$20,000	
STS COR #112 MRY MH 1890 TS Conduit				\$6,000	
STS COR 98 DSC MRY MH Conf w N CB				\$15,000	
YBM COR 116 Archaeological Discover			\$100,000		
USG COR 203 Non-Resp.Review Process	\$20,001				
USG COR 221 Conc. Reinf. Details	\$50,001				
USG COR 222 Shaft Wall Connections	\$10,001				
USG COR 223 Wall Footing Clarif.	\$75,001				
USG COR 224 (N) Concrete Wall Conn.	\$50,001				
USG COR 228 Tiebacks at Level X	\$75,001				
USG COR 227 Plaza Lvl. Sequence	\$200,001				
USG COR 225 SOG/Wall Connection	\$50,001				
USG COR 226 SOG/Column Connection	\$20,001				
USG COR 261 8" Wall at Grid 11B	\$15,001				
USG COR 263 12" Shear Walls	\$50,001				
USG COR 262 Maintenance Hatch Walls	\$15,001				
USG COR 264 Str. Steel Shop Dwgs.	\$5,001				
USG COR 265 Column Footing Detail	\$1,001				
USG COR 266 Demo of Exist. Columns	\$2,001				
UMS COR 238 Grid 17 & Vent Conn.	\$50,001				

Contract Modification/Trend Log - Contract 1300 Stations

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	UMS	CTS	YBM	STS	COST REPORT NOTES
UMS COR 237 Elevator Sump Pits	\$20,001				
UMS COR 250 Macy's DSC	\$75,001				
USG COR 280 Strut Wall Grid 16 - 17	\$50,001				
USG COR 283 Slab Cantilver Detail	\$10,001				
USG COR 284 New Beam at Grid Line C	\$50,001				
USG COR 285 Elev.Edge of Slab Dtl.	\$50,001				
USG COR 286 Shear Wall GL 13/B-C	\$25,001				
UMS COR 291 Ellis & S. Conc.Waterpr	\$20,001				
UMS COR 292 Drain under Base Slab	\$15,001				
USG COR 273 E.Slab/Shear Wall Conn.	\$100,001				
USG COR 274 Shear Wall at Grid 10	\$10,001				
USG COR 275 Conn. Plaza Grid B	\$50,001				
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				\$24,417	
CTS COR 085 Addl FACO 10 Costs		\$13,267			
CTS PCC 001 Delete DB on Stockton		(\$84,018)			
STS COR #92 PG&E Vault Conf 12 AWSS				\$79,173	
STS COR #118 78" Sewer Excess Debr				\$54,455	
YBM COR 054 FACO 028 Conc obst			\$56,654		
UMS - PCC #29 (Concrete Wale Suppt)	\$9,239				
YBM COR 086 Side SW lat util conf			\$51,115		
CTS COR 041 FACO #4 JT Unid. Cond		\$28,026			
CTS COR 040 FACO 002 Connect (E) DB		\$16,936			
YBM PCC 022 Addtl Signage on Clem			\$12,000		
YBM COR 49 Buried timber piles			\$50,000		
YBM COR 71 Remove rigging straps			\$7,500		
STS 78 Sewer Existing Concrete Crow				\$7,200	
YBM COR 182 Cap (E) 16" AWSS Tee			\$14,868		

Contract Modification/Trend Log - Contract 1300 Stations

**Awarded NTE Amount
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	UMS	CTS	YBM	STS	COST REPORT NOTES
CTS-COR#201 Swr Line & Station Roof		\$55,000			
YBM COR 87 Transite ductbank removal			\$12,631		
YBM COR 50 Potential contam Soil			\$50,000		
YBM COR 115 C1250 unencased JT			\$15,000		
YBM COR 196 Work on Hold			\$4,500		
STS-COR #84 Sewer Cleaning and Dewa				\$3,598	
YBM COR 253 DSC Culvert Conflict			\$20,000		
STS COR #236 E WD Config at Freelon				\$20,000	
STS COR 272 Pier AWSS Conflict				\$2,000	
STS COR 258 WD/PVC Conflict				\$45,000	
Proposed Contract Change (PCC)					
UMS - Geoprobe Credit	(\$30,320)				
UMS - Relocation of TS Cabinet	\$23,275				
STS - Tunnel Lowering				\$100,000	
CTS - Stairs 5, 6, 7 Mods		\$25,000			
UMS - Escalator Barricade	(\$122,511)				
UMS - USG HVAC Trench Modifications	\$75,001				
CTS - CMU Wall Bracing		\$25,000			
UMS MRY Duct Bank-East Conflict	\$25,000				
YBM PCC 32 Delete Post-Grout of TB-2			(\$10,000)		
YBM_CTS PCC 33 Platform Gate Revisio			\$100,000		
CTS - Removal of Bus Bulb		\$30,000			
CTS Delete PGE Work at Vault 732		(\$50,000)			
UMS Remove Fire Hose Valve	\$20,000				
UMS MRY Duct Bank-West	\$25,000				
YBM PCC 21 Dele Instrum & Monitoring			(\$1)		
STS PCC #51 Inventory Temp Crossover				\$20,000	
Deletion of ARS (Part II)				(\$600,000)	
YBM PCC 56 OCS Pole Foundations			\$30,000		
UMS - DCW and Hose Bibbs	\$30,000				
YBM PCC 059 Pavers Basis of Design			\$1		

Contract Modification/Trend Log - Contract 1300 Stations

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	UMS	CTS	YBM	STS	COST REPORT NOTES
STS Track Switch Mach Change (Rev 1)				\$50,000	
CTS PCC 061 Escalator Pit Provision		\$50,000			
YBM PCC 062 Delete SW MH FOL 10+35			(\$25,000)		
STS PCC 063 Del ATT/TSIC/PGE on 4th				(\$100,000)	
Change Order Request (COR)					
UMS - Fire Hydrant at O'Farrell	\$92,978				
STS - Additn manholes for 78" sewer				\$27,204	
UMS NDSC #11 Becho Pile D85 Obstruc	\$65,188				
STS COR 17 Changes to Sewer Structu				\$20,000	
STS-FACO #47 Sewer Related Work Pt2				\$33,898	
UMS NDSC (e) 12 inch CI Pipe	\$1,124				
STS- AT&T Conduit Changes				\$22,290	
UMS COR 102 Cap on 12 inch Water	\$44,544				
STS COR #114 Conc Obs 4th-Bryant SE				\$1,262	
STS - COR 181 DSC Poly Line Conf MR				\$10,000	
UMS COR 184 Slurry Fill Void	\$8,468				
UMS COR 202 DSC CG Grout Forever 21	\$20,000				
STS COR 211 SW conf AWSS 4th/Freelo				\$4,561	
UMS COR 212 Comp. Grout PSI Drop	\$150,000				
STS COR #229 Multi E Util Conf w N				\$3,500	
YBM COR 230 Load Rating Siwalk Hatch			\$31,474		
UMS COR 232 S.Walk Hatches RFI 240	\$10,141				
STS COR #233 18" VCP in 3'x5' Sewer				\$1,764	
UMS COR 235 DSC Transite Pipe	\$10,000				
STS COR 74 AWSS Offset/Sewer Demo				\$41,813	
STS COR #88 Modify CBs and Culverts				\$4,395	
STS COR #90 Extra Work Related to S				\$20,452	
STS COR 101 Cleaning for non-78" SW				\$58,906	
STS COR 113 DSC PVC Conduit/WL Conf				\$10,000	
STS COR 145 DSC PVC Conduits Conf				\$5,000	
STS COR 146 DSC 8" WL in Conf w SW				\$5,000	

Contract Modification/Trend Log - Contract 1300 Stations

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	UMS	CTS	YBM	STS	COST REPORT NOTES
STS COR 164 DSC 8" AWSS Lat Conf 78				\$10,000	
STS COR #168 Util Conf w N 18 Sewer				\$31,016	
STS COR #170 Cores in 78" RC Crown				\$1,666	
STS COR #187 DB Conf w N 12 Water				\$37,012	
UMS COR 189 NDSC Pipe Conflict	\$5,938				
UMS COR 191 DSC E PG&E Vault 582	\$1,849				
CTS COR 231 Sidewalk Hatches		\$19,249			
YBM COR 240 Headhouse Contam. Mtl.			\$47,549		
STS COR #241 2-In WD Line w Offset				\$20,000	
STS COR #242 DSC Gas Confl w/ Pole				\$1,500	
YBM COR 243 Culvert Conflict			\$10,001		
UMS COR 246 Tieback Access RFI 1050	\$160,933				
YBM COR 248 Transite pipe			\$1,500		
YBM COR 249 Utility Conflicts			\$60,001		
STS COR #252 Thick Pavemnt 4th/Kin				\$1,500	
STS COR 254 DSC 4" Confl w 36" FM				\$50,000	
CTS COR 255 Additional Instruments		\$429,777			
YBM COR 257 Failed Water Line Cap			\$75,841		
STS COR 270 SW AWSS Conflict				\$10,000	
STS COR 271 DB AWSS Conflict				\$20,000	
UMS COR 277 8" Steel line Asbestos	\$5,000				
STS COR 290 E CB PVC Confl WD AWSS				\$10,000	
YBM COR 295 DSC AT&T Vault Conflict			\$10,000		
STS COR #296 Mult E Util Confl AWSS				\$130,000	
STS COR 297 TC for Track Work at 4t				\$150,000	
YBM COR 298 Buried Conc Slab			\$20,000		
UMS COR 300 14 HDPE inside 18 RCP	\$30,001				
UMS COR 301 Concr. Overpour and PVC	\$10,001				
UMS COR 308 Bonding Agent	\$5,766				
UMC COR 309 Hydro Waterstop	\$4,902				
CTS COR 311 PSI Drop		\$10,000			

Contract Modification/Trend Log - Contract 1300 Stations

**Awarded NTE Amount
Substantial Completion**

**\$839,676,400
2/10/2018**

**\$838,468,865
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	UMS	CTS	YBM	STS	COST REPORT NOTES
Change Order - Pending					
CTS Sewer Line Demo at Washing		\$57,707			
CTS Utility Conflict at WD Tie-In		\$14,527			
CTS-Plaza Surface Level Struct Mods		(\$10,337)			
CTS-FACO #44 (E) Utl Cnflct w/ AWSS		\$25,211			
UMS-FACO #32 8" Waterline Conf NDSC	\$48,615				
CTS-FACO #27 AWSS vs PGE Vault #728		\$14,439			
YBM PCC 42 10-in culvert on Folsom			\$64,287		
YBM COR 78 Change POC by SFWD			\$50,493		
UMS DSC Tanks in Stockton N of Gear	\$97,817				
STS COR 052 Fire Hyd NE 4th&Bryant				\$5,346	
YBM COR 36 Culvert NW corn Folsom			\$8,033		
CTS COR 007 (E) Soil Characteristics		\$1,714,205			
YBM PCC 055 Add 24" water east side			\$219,120		
YBM Underground storage tank Folsom			\$156,733		
UMS Modification to Roof Composite	\$12,997				
YBM PCC 047 Add PGE conduits east			\$133,330		
Contract Modification					
YBM COR 010, 015, 016, 018, 020, 025			\$126,663		
Approved	\$90,000	\$230,956	(\$1,833,869)	\$305,378	
Contract Modification					
CMod #1 BART Elevator Option 1 @ Pow	\$90,000				
CMod #3 CTS Work Safely Ard Power Po		\$25,956			
CMod #5 YBM Deletion of Comp Groutin			(\$1,833,869)		
CMod #6 CTS Plaza Constr Supt Servi		\$75,000			
CMod #4 CTS-Force Account Change Or		\$130,000			
Cmod #7 STS FACOs 016, 017 &COR 009				\$80,170	
CMod #8 STS PCC 006 AT&T MH, PB, and Trench				\$225,208	
Grand Total	9,762,146	5,644,112	709,474	(3,169,786)	

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

Report Period: Aug 2015 Rev 1

Group by Contract & SCC	CATEGORY ITEM	Jul 2015			Aug 2015			BUDGET TRANSFERS [Aug 2015] vs. [Jul 2015]	Cost Report Notes
		Jul 2015 Base	Jul 2015 Allocated Contingency	Jul 2015 Base + Allocated Contingency (YOE)	Aug 2015 Base	Aug 2015 Allocated Contingency	Aug 2015 Base + Allocated Contingency (YOE)		
10-50	CONSTRUCTION CONTRACT PACKAGES	1,137,488,083	38,655,888	1,176,143,971	1,137,713,291	23,430,680	1,161,143,971	(14,999,999)	
1250	UTILITY RELOCATION PACKAGE #1	12,134,906		12,134,906	12,134,906		12,134,906	0	
	Contract 1250 Form B Credit	(2,275,419)		(2,275,419)	(2,275,419)		(2,275,419)	0	
1251	UTILITY RELOCATION PACKAGE #2	20,870,197		20,870,197	20,870,197		20,870,197	0	
	Contract 1251 Form B Credit	(7,618,412)		(7,618,412)	(7,618,412)		(7,618,412)	0	
1252	GUIDEWAY TUNNEL	235,005,822	16,063,145	251,068,967	235,005,822	1,063,145	236,068,968	(15,000,000)	25
	Contract 1252 Form B Credit	(254,050)		(254,050)	(254,050)		(254,050)	0	
1300	CN1300 STATIONS TOTAL	838,243,657	21,432,743	859,676,400	838,468,865	21,207,535	859,676,400	0	
1253: UMS	UNION SQUARE/MARKET STREET STATION [UMS]	294,120,590	4,910,000	299,030,590	294,120,590	4,910,000	299,030,590	0	
	UMS 1253 Form B Credit	(528,370)		(528,370)	(528,370)		(528,370)	0	
1254: CTS	CHINA TOWN STATION [CTS]	247,798,766	4,769,044	252,567,810	247,798,766	4,769,044	252,567,810	1	
	CTS 1254 Form B Credit	(451,703)		(451,703)	(451,703)		(451,703)	0	
1255: YBM	YERBA BUENA/ MOSCONE STATION [YBM]	156,255,131	6,833,869	163,089,000	156,255,131	6,833,869	163,089,000	0	
	YBM 1255 Form B Credit	(100,000)		(100,000)	(100,000)		(100,000)	0	
1256: STS	SURFACE TRACKWORK & SYSTEMS [STS]	140,069,170	4,919,830	144,989,000	140,294,378	4,694,622	144,989,000	0	
	STS 1256 SFPUC SEWER MAIN CREDIT	(2,925,296)		(2,925,296)	(2,925,296)		(2,925,296)	0	
	STS 1256 Form B Credit	(1,000,000)		(1,000,000)	(1,000,000)		(1,000,000)	0	
OTHER	OTHER CONSTRUCTION TOTAL	46,386,751	1,160,000	47,546,751	46,386,751	1,160,000	47,546,751	0	
40.06	PUBLIC ART PROGRAM	8,175,555	1,160,000	9,335,555	8,175,555	1,160,000	9,335,555	0	
40.02	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	0	500,000	500,000		500,000	0	26
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	
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	

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

Report Period: Aug 2015 Rev 1

Group by Contract & SCC	CATEGORY ITEM	Jul 2015			Aug 2015			BUDGET TRANSFERS [Aug 2015] vs. [Jul 2015]	Cost Report Notes
		Jul 2015 Base	Jul 2015 Allocated Contingency	Jul 2015 Base + Allocated Contingency (YOE)	Aug 2015 Base	Aug 2015 Allocated Contingency	Aug 2015 Base + Allocated Contingency (YOE)		
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	27
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	28
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	
80.02 80.06	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	

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

Report Period: Aug 2015 Rev 1

Group by Contract & SCC	CATEGORY ITEM	Jul 2015			Aug 2015			BUDGET TRANSFERS [Aug 2015] vs. [Jul 2015]	Cost Report Notes
		Jul 2015 Base	Jul 2015 Allocated Contingency	Jul 2015 Base + Allocated Contingency (YOE)	Aug 2015 Base	Aug 2015 Allocated Contingency	Aug 2015 Base + Allocated Contingency (YOE)		
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	1,493,561,445	75,219,098	1,568,780,543	1,493,786,653	59,993,890	1,553,780,544	(15,000,000)	
90	UNALLOCATED CONTINGENCIES			9,519,459			24,519,459	15,000,000	29
	TOTAL PROJECT COST 10 TO 100			1,578,300,002			1,578,300,002		
	TOTAL CONTINGENCY			84,738,557			84,513,349		
	CONTINGENCY MINIMUM			60,000,000			60,000,000		
	BELOW OR ABOVE MINIMUM			24,738,557			24,513,349		

COST STATUS BY CATEGORY	SCC CODES	BUDGET Jul 2015	BUDGET TRANSFERS	BUDGET Aug 2015	Aug 2015 CTD	Aug 2015 EAC
CONSTRUCTION	SCC 010 - 050	1,176,143,972	(15,000,000)	1,161,143,972	581,532,121	1,151,788,973
REAL ESTATE	SCC 060	37,511,799	0	37,511,799	30,110,471	32,246,321
VEHICLES	SCC 070	26,385,653	0	26,385,653	2,146,905	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	61,199,308	61,322,751
PM FOR DESIGN & CONSTRUCTION	SCC 080.03 - 080.04	196,922,082	0	196,922,082	98,699,721	180,059,425
OTHER PROF SRVCS	SCC 080.05 - 080.08	24,296,033	0	24,296,033	10,956,536	22,933,191
UNALLOC CONTINGENCY	SCC 090	9,519,456	15,000,000	24,519,456		
Grand Total		1,578,300,000	0	1,578,300,000	830,847,736	1,507,862,335

SCC DESCRIPTION	Aug 2015 BUDGET	Aug 2015 CTD
010 - GUIDEWAY & TRACK ELEMENTS	285,468,439	173,070,281
020 - STATIONS, STOPS, TERMINALS, INTERMODAL	578,180,065	233,859,241
040 - SITEWORK & SPECIAL CONDITIONS	202,124,369	162,488,667
050 - SYSTEMS	95,371,099	12,113,931
060 - ROW, LAND, EXISTING IMPROVEMENTS	37,511,799	30,110,471
070 - VEHICLES (number)	26,385,653	2,146,905
080 - PROFESSIONAL SERVICES (applies to Cats. 10-50)	328,739,120	217,058,240
090 - UNALLOCATED CONTINGENCY	24,519,456	
Grand Total	1,578,300,000	830,847,736

SCC DESCRIPTION	Aug 2015 BUDGET	Aug 2015 CTD
010.02-Guideway: At grade semi-exclusive (allows cross-traffic)	2,860,000	124,500
010.06-Guideway: Underground cut & cover	70,802,812	61,459,815
010.07-Guideway: Underground tunnel	200,594,901	110,327,620
010.09-Track: Direct fixation	6,761,089	1,078,347
010.10-Track: Embedded	0	0
010.12-Track: Special (switches, turnouts)	4,449,637	80,000
020.01-At-grade station, stop, shelter, mall, terminal, platform	6,673,138	1,120,810
020.02-Aerial station, stop, shelter, mall, terminal, platform	4,694,622	0
020.03-Underground station, stop, shelter, mall, terminal, platform	545,110,468	230,433,003
020.07-Elevators, escalators	21,701,837	2,305,429
040.01-Demolition, Clearing, Earthwork	11,144,242	7,115,749
040.02-Site Utilities, Utility Relocation	56,482,684	49,764,174
040.03-Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	4,957,405	1,648,426
040.04-Environmental mitigation, e.g. wetlands, historic/archeologic, parks	1,020,165	417,082
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	1,611,050
040.07-Automobile, bus, van accessways including roads, parking lots	6,967,874	1,859,062
040.08-Temporary Facilities and other indirect costs during construction	109,090,062	97,366,693
050.01-Train control and signals	28,031,423	3,468,268
050.02-Traffic signals and crossing protection	12,584,529	4,567,438
050.03-Traction power supply: substations	21,487,073	3,601,852
050.04-Traction power distribution: catenary and third rail	12,441,113	471,371
050.05-Communications	12,062,374	5,001
050.06-Fare collection system and equipment	6,100,000	0
050.07-Central Control	2,664,586	0
060.01-Purchase or lease of real estate	35,331,288	28,236,576
060.02-Relocation of existing households and businesses	2,180,511	1,873,895
070.01-Light Rail	26,385,653	2,146,905
080.01-Preliminary Engineering	46,202,674	46,202,675
080.02-Final Design	61,318,331	61,199,308

SCC DESCRIPTION	Aug 2015 BUDGET	Aug 2015 CTD
080.03-Project Management for Design and Construction	102,927,479	58,235,946
080.04-Construction Administration & Management	93,994,603	40,463,775
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	4,569,839
080.07-Surveys, Testing, Investigation, Inspection	883,100	13,615
Grand Total	1,578,300,000	830,847,736

[A] Cost Account Description	[B] August 2015 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	30
11 - SFMTA PROJECT MANAGEMENT	8,828,359	8,253,957	0	0	8,253,957	574,403	31
12 - SFMTA ENGINEERING SERVICES	11,425,594	11,425,594	0	0	11,425,594	0	32
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	33
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	3,336,432	0	0	3,336,432	(13,545)	
34 - DPW - IDC CONSTRUCTION (CAPITAL)	17,462	17,462	0	0	17,462	0	
36 - DPW - BSM INFRASTRUCTURE (MAPPING)	76,549	76,549	0	0	76,549	0	
39 - DPW - PCS SITE ASSESSMENT & REMEDIATION (SAR)	13,993	13,993	0	0	13,993	0	
51 - 821 HOWARD STREET	1,005,653	1,005,653	0	0	1,005,653	0	
55 - 651 BRANNAN	2,294,910	2,294,910	0	0	2,294,910	0	34
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	26,793,234	26,793,234	0	0	26,793,234	0	35
66 - ANIL VERMA	395,204	395,204	0	0	395,204	0	36
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	37
72 - STATIONS - CONTRACT # CONTRACT 155-2	26,220,609	26,220,609	0	0	26,220,609	0	38
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	11,432,312	11,432,312	0	0	11,432,312	(0)	39
331 - BAY AREA RAPID TRANSIT (BART)	146,427	146,427	0	0	146,427	0	
332 - SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)	0	0	0	0	0	0	
TOTAL FINAL DESIGN	115,075,987	113,929,833	0	0	113,929,833	1,146,155	
11 - SFMTA PROJECT MANAGEMENT	15,589,933	4,916,678	302,667	102,609	5,019,287	0	
1.3.011.01.080.03 - CM:SFMTA LABOR-PROJECT MANAGEMENT	15,589,933	4,916,678	302,667	102,609	5,019,287		

[A] Cost Account Description	[B] August 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
12 - SFMTA ENGINEERING SERVICES	905,264	1,678,995	109,389	38,260	1,717,255	206,327	
1.3.012.02.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1252	123,582	57,648	0	(0)	57,648	65,934	
1.3.012.06.080.04 - CM: SFMTA LABOR-ENGINEERING CONTRACT 1300	1,800,000	1,621,347	109,389	38,260	1,659,607	140,393	
13 - SFMTA CONSTRUCTION MANAGEMENT	44,075,375	7,929,323	386,728	123,125	8,052,448	35,004,609	
1.3.013.01.080.04 - CM:SFMTA LABOR-CONSTR. MANAGEM	43,057,057	7,929,323	386,728	123,125	8,052,448	35,004,609	
16 - DEPARTMENT OF PARKING AND TRAFFIC (DPT)	3,588,074	1,345,113	45,492	13,986	1,359,098	2,238,734	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT UMS	299,600	61,544	5,297	2,964	64,508	235,092	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT CTS	274,900	40,045	7,890	3,388	43,433	231,467	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT YBM	238,400	77,897	4,552	1,338	79,234	159,166	
1.3.016.01.080.04 - DPT CONTRACT 1300 SUPPORT STS	876,876	66,027	4,433	190	66,217	810,659	
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B84]	0	1,464	0	0	1,464	(1,464)	
1.3.016.02.040.08 - DPT: FIELD OPS TUNNEL [B86]	0	204,261	16,351	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	0	
1.3.016.08.040.08 - DPT:SSD CN:2UTL	0	108,020	0	0	108,020	(108,020)	
1.3.016.08.080.04 - DPT:SSD [1326]	259,120	259,095	5,911	6,105	265,201	(6,081)	
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	1,059	0	92,008	(92,008)	
1.3.016.09.040.08 - PCOS:1300/STS [68CPT544132Z.CPT544132Z]	0	9,759	0	0	9,759	(9,759)	
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	37,852	0	1,518	39,371	287,098	
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	11,384	0	1,518	12,902	287,098	
19 - OTHER SFMTA	700,000	159,749	0	(0)	159,749	540,251	
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)	
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 DUR	50,000	32,887	0	(0)	32,887	17,113	
21 - ARTS COMMISSION	12,010,885	1,744,382	508,043	85,230	1,829,612	8,431,727	
1.3.021.01.040.06 - ARTS:CTYCO-ARTS COMMISSION CONSTRUCTION CO	4,772,555	0	0	0	0	4,772,555	

[A] Cost Account Description	[B] August 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [1227]	2,030,147	388,167	0	0	388,167	1,641,980	40
1.3.021.01.080.04 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CP	21,000	10,003	498	(0)	10,003	10,997	
1.3.021.06.080.03 - ARTS:CTYCO-ARTS COMMISSION PM [285MC.132J]	158,970	169,575	76,399	31,830	201,405	(42,435)	
1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [PWE335MPFUNA.CP	0	804	804	(0)	804	(804)	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [68CPT5441327.CPT54	1,500,000	1,022,380	397,980	53,400	1,075,780	424,220	
1.3.021.06.040.06 - ARTS:CTYCO-ARTS COMMISSION [285MCPFUNA.CPT54	1,903,000	153,453	153,453	(0)	153,453		
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	1,407,744	504,920	148,001	1,555,745	616,036	
1.3.023.01.080.06 - ATTY:CN LEGAL-CITY ATTORNEY OF	2,171,781	1,407,744	504,920	148,001	1,555,745	616,036	
25 - PUBLIC UTILITIES COMMISSION SEWER	(2,925,296)	0	0	0	0	(2,925,296)	
1.3.025.09.040.02 - STS.1256: SITE UTILITIES SFPUC SEWER MAIN	(2,925,296)					(2,925,296)	
26 - PLANNING	137,062	18,228	2,711	1,265	19,493	117,569	
1.3.026.01.080.06 - CM:CTYCO-PLANNING DEPARTMENT	137,062	18,228	2,711	1,265	19,493	117,569	
28 - PUBLIC UTILITIES COMMISSION WATER	4,242,012	2,098,894	58,898	67,648	2,166,541	2,075,471	
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	537,814	838	0	537,814	(139,414)	
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	36,510	1,197	583	37,093	569,261	
1.3.028.03.080.04 - PUC:CMB CONTRACT 1300/UMS INSPECTION	230,000	30,363	0	0	30,363	199,637	
1.3.028.04.040.02 - PUC:CDD CONTRACT 1300/CTS SUPPORT	271,755	105,479	19,809	46,964	152,442	119,313	
1.3.028.04.080.04 - PUC:CMB CONTRACT 1300/CTS INSPECTION	115,000	6,956	0	0	6,956	108,044	
1.3.028.05.040.02 - PUC:CDD CONTRACT 1300/YBM SUPPORT	450,282	111,846	27,309	11,531	123,377	326,905	
1.3.028.05.080.04 - PUC:CMB CONTRACT 1300/YBM INSPECTION	184,000	4,008	0	0	4,008	179,992	
1.3.028.07.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1250	248,035	291,501	0	0	291,501	(43,466)	
1.3.028.07.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1250	74,468	113,844	0	0	113,844	(39,376)	
1.3.028.08.040.02 - PUC:PUC CDD WATER CONNECTION CONTRACT 1251 [565,389	318,130	0	0	318,130	247,259	
1.3.028.08.080.04 - PUC:PUC CMB INSPECTION CONTRACT 1251	266,252	289,424	0	0	289,424	(23,172)	
1.3.028.09.040.02 - PUC:CMB CONTRACT 1300/STS SUPPORT	520,077	91,952	9,745	8,569	100,521	419,556	
1.3.028.09.080.04 - PUC:CMB CONTRACT 1300/STS INSPECTION	207,000	64,737	0	0	64,737	142,263	
32 - DPW - IDC ENGINEERING (HYDRAULIC)	1,150,459	123,858	6,000	2,459	126,317	860,155	
1.3.032.01.080.04 - CM:DPW:1424J-BUREAU OF ENGINEERING (BOE) [AB12	60,000	93,403	585	959	94,362	(34,362)	
1.3.032.03.080.04 - DPW IDC HYDRAULIC CN1300 UMS SUPPORT	297,938	1,011	0	0	1,011	296,927	

[A] Cost Account Description	[B] August 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.032.04.080.04 - DPW IDC HYDRAULIC CN1300 CTS SUPPORT	295,639	5,188	0	0	5,188	290,451	
1.3.032.05.080.04 - DPW IDC HYDRAULIC CN1300 YBM SUPPORT	301,882	8,242	4,049	1,499	9,742	292,140	
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 SUPPOR	180,000	16,013	1,366	0	16,013	163,987	
34 - DPW - IDC CONSTRUCTION (CAPITAL)	6,695,348	4,098,449	80,713	39,134	4,137,583	2,557,766	
1.3.034.02.080.04 - DPW:CONSTR:1252 CM [CD12]	730,000	1,068,661	52,191	15,897	1,084,558	(354,558)	
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	751,249	28,522	23,236	774,485	2,844,721	
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 USE	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	935,904	10,871	0	935,904	(313,430)	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [1321]	8,621	506,858	0	0	506,858	(498,237)	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2213]	92,459	92,459	0	0	92,459	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2250]	78,400	78,400	0	0	78,400	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2257]	151,515	151,515	0	0	151,515	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [2313]	24,343	24,343	0	0	24,343	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION	58,757	10,043	10,043	0	10,043	48,713	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CE13]	31,367	31,367	0	0	31,367	0	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR) [CH13]	100,000	8,621	0	0	8,621	91,379	
1.3.039.01.080.04 - DPW:SITE ASSESSMENT & REMEDIATION (SAR)	17,000	0	0	0	0	17,000	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1	18,632	16,880	0	0	16,880	1,753	
1.3.039.02.080.04 - DPW: SITE ASSESSMENT & REMEDIATION (SAR) – CN1	41,379	15,417	828	0	15,417	25,962	
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	419,092	18,399	28,204	447,296	4,243,185	
1.3.051.01.080.03 - ODC.HWRD:ODCs - 821 HOWARD STR	4,625,481	409,359	14,437	27,300	436,659	4,188,822	

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1.3.051.02.080.04 - ODC.HWRD:ODCs - TUNNEL CONTRACT 1252	10,000	1,056	0	0	1,056	8,944	
1.3.051.06.080.04 - ODC.HWRD:ODCs - STATION CONTRACT 1300	55,000	8,677	3,961	904	9,581	45,419	
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)	41
63 - CENTRAL SUBWAY PARTNERSHIP - AECOM-EPC JV CONTRACT 149	42,373,401	24,040,091	2,076,206	(148,725)	23,891,367	18,482,034	
1.3.063.01.080.03 - CM:PM:AECOM.CS149 OM-EPC JV CS149-PM	9,507,939	5,993,659	292,004	(59,490)	5,934,169	3,573,770	42
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3B]	5,218,630	3,432,996	438,006	(89,235)	3,343,761	1,874,869	
1.3.063.01.080.04 - CM:AECOM.CS149OM-EPC JV CS-149 [3E]	7,000,000	7,982,813	1,205,669	0	7,982,813	(982,813)	
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	140,528	0	523,943	76,057	
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	1,182,034	33,134	78,336	1,260,370	8,866,891	
1.3.067.01.080.03 - HILL.CS156:HILL INTL. CS-156 [1337]	10,000,000	1,054,773	33,134	78,336	1,133,109	8,866,891	
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	95,001	0	0	95,001	404,999	43
1.3.069.06.040.01 - BAYLAND.CS175:BAYLAND SOIL PROCESS [133K]	500,000	95,001	0	0	95,001	404,999	
71 - TUNNEL/UTILITIES - CONTRACT # CONTRACT 155-1	1,358,950	1,901,828	1,181	(23,122)	1,878,707	(519,757)	
1.3.071.01.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1232]	0	(87,201)	0	0	(87,201)	87,201	44
1.3.071.02.080.04 - CM: CS155.1 DESIGN SUPPORT DURING CM [1332]	1,358,950	1,989,030	1,181	(23,122)	1,965,908	(606,958)	
72 - STATIONS - CONTRACT # CONTRACT 155-2	8,752,240	3,111,542	196,468	152,657	3,264,199	5,488,041	
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1233]	50,000	51,351	0	0	51,351	(1,351)	45
1.3.072.01.080.04 - CM: CS155.2 DESIGN SUPPORT DURING CM [1333]	8,702,240	3,060,191	196,468	152,657	3,212,848	5,489,392	
73 - SYSTEMS/INTEGRATION - CONTRACT 155-3	4,828,269	983,418	47,059	37,809	1,021,227	3,807,042	
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING CM [1236]	90,000	89,791	0	0	89,791	209	
1.3.073.01.080.04 - CM: CS155.3 DESIGN SUPPORT DURING CM [1334]	4,738,269	893,627	47,059	37,809	931,436	3,806,833	
81 - UTILITIES RELOCATION #1 (PORTAL & MOS) - CONTRACT 1250	11,968,150	11,968,150	0	0	11,968,150	0	
1.3.081.07.040.01 - UR1.CONTRACT 1250:SITWORK: DEMOLIT	167,458	167,458	0	0	167,458	0	
1.3.081.07.040.02 - UR1.CONTRACT 1250:SITWORK: UTILITI	10,099,341	10,099,341	0	0	10,099,341	0	
1.3.081.07.040.03 - UR1.CONTRACT 1250:SITWORK:HAZMAT	453,321	453,321	0	0	453,321	0	
1.3.081.07.040.08 - UR1.CONTRACT 1250:SITWORK:TEMPORAR	1,248,030	1,248,030	0	0	1,248,030	0	
82 - UTILITIES RELOCATION #2 (UMS) - CONTRACT 1251	20,794,582	20,794,582	0	0	20,794,582	0	46

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1.3.082.08.040.01 - UR2.CONTRACT 1251:SITWORK: DEMOLIT	752,240	752,240	0	0	752,240	0	
1.3.082.08.040.02 - UR2.CONTRACT 1251:SITWORK:UTILITI	10,328,044	10,328,044	0	0	10,328,044	0	
1.3.082.08.040.03 - UR2.CONTRACT 1251:SITWORK:HAZMAT	172,712	172,712	0	0	172,712	0	
1.3.082.08.040.05 - UR2.CONTRACT 1251:SITWORK: STRUCTU	2,706,431	2,706,431	0	0	2,706,431	0	
1.3.082.08.040.06 - UR2.CONTRACT 1251:SITWORK:PEDESTRA	319,317	319,317	0	0	319,317	0	
1.3.082.08.040.07 - UR2.CONTRACT 1251:SITWORK:AUTO/BUS	190,362	190,362	0	0	190,362	0	
1.3.082.08.040.08 - UR2.CONTRACT 1251:SITWORK:TEMP FAC	6,325,476	6,325,476	0	0	6,325,476	0	
GUIDEWAY TUNNELS TOTAL	236,068,968	234,616,104	0	204	234,616,308	1,452,660	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 BASE	233,584,015	232,689,098	0	204	232,689,302	894,713	
1.3.083.02.010.06 - CONTRACT 1252:GUIDEWAY:UNDERGRN'D CUT	60,446,425	61,377,878	0	0	61,377,878	(931,453)	
1.3.083.02.010.07 - CONTRACT 1252:GUIDEWAY:UNDERGROUND	105,423,090	105,097,157	0	0	105,097,157	325,933	
1.3.083.02.020.03 - CONTRACT 1252: STATIONS: UNDERGROUND	21,685,000	21,685,000	0	0	21,685,000	0	
1.3.083.02.040.01 - CONTRACT 1252:SITWORK:DEMO CLEARING	2,440,000	2,440,000	0	0	2,440,000	0	
1.3.083.02.040.02 - CONTRACT 1252:SITWORK:UTILITIES & RE	10,895,000	10,087,676	0	0	10,087,676	807,324	
1.3.083.02.040.03 - CONTRACT 1252:SITWORK:HAZMAT&MITIGAT	200,000	0	0	0	0	200,000	
1.3.083.02.040.04 - CONTRACT 1252:SITWORK:ENVIRON. MITIG	300,000	54,292	0	0	54,292	245,708	
1.3.083.02.040.06 - CONTRACT 1252:SITWORK:PED/BIKE ACCES	50,000	50,000	0	0	50,000	0	
1.3.083.02.040.07 - CONTRACT 1252:SITWORK:AUTO/BUS ACCES	1,345,000	1,345,000	0	0	1,345,000	0	
1.3.083.02.040.08 - CONTRACT 1252:SITWORK:TEMP FACILITIE	30,799,500	30,552,095	0	204	30,552,299	247,201	
83 - GUIDEWAY TUNNELS - CONTRACT # 1252 CMODs	1,421,807	1,927,006	0	0	1,927,006	(505,199)	
1.3.083.83.010.06 - CONTRACT 1252: CONTRACT MOD	81,937	81,937	0	0	81,937	0	
1.3.083.83.010.07 - CONTRACT 1252: CONTRACT MOD	1,180,322	1,280,322	0	0	1,280,322	(100,000)	
1.3.083.83.020.03 - CONTRACT 1252: CONTRACT MOD	965,121	1,077,223	0	0	1,077,223	(112,102)	
1.3.083.83.040.02 - CONTRACT 1252: CONTRACT MOD	1,665,207	1,665,208	0	0	1,665,208	(1)	
1.3.083.83.040.03 - CONTRACT 1252: CONTRACT MOD	401,933	401,933	0	0	401,933	0	
1.3.083.83.040.08 - CONTRACT 1252: CONTRACT MOD	(2,872,713)	(2,579,617)	0	0	(2,579,617)	(293,096)	
1.3.083.93.010.07 - CONTRACT 1252: TUNNEL ALLOC CONTING	1,063,146	0	0	0	0	1,063,146	47
CONTRACT 1300 - STATIONS, TRACKWORK AND SYSTEMS TOTAL	859,676,400	276,982,080	7,584,892	11,335,514	288,317,594	571,358,806	47a
84 - UNION SQUARE/MARKET STREET STATION (UMS) - WORK PACKAC	294,030,590	120,709,116	2,500,775	2,691,628	123,400,744	170,629,846	17
1.3.084.03.020.03 - UMS.1253: UNDERGROUD STATION	253,822,452	105,500,508	2,102,707	1,544,001	107,044,509	146,777,943	
1.3.084.03.020.07 - UMS.1253: ELEVATORS ESCALATOR	9,465,694	658,200	77,640	195,858	854,058	8,611,636	
1.3.084.03.040.01 - UMS.1253: DEMOLITION CLEARING	6,071,588	2,247,605	127,795	390,233	2,637,838	3,433,750	
1.3.084.03.040.02 - UMS.1253: SITE UTILITIES UTIL	3,971,620	1,152,465	45,613	80,136	1,232,601	2,739,019	

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1.3.084.03.040.03 - UMS.1253: HAZARDOUS MATERIALS	550,000	0	0	0	0	550,000	
1.3.084.03.040.04 - UMS.1253: ENVIRONMENTAL MITIGA	244,500	91,000	6,000	6,250	97,250	147,250	
1.3.084.03.040.06 - UMS.1253: PEDESTRIAN/BIKE	18,969	5,600	500	6,900	12,500	6,469	
1.3.084.03.040.07 - UMS.1253: AUTOMOBILE BUS ACCE	1,547,185	19,000	1,000	3,000	22,000	1,525,185	
1.3.084.03.040.08 - UMS.1253: TEMPORARY FACILITIES	10,398,701	9,215,984	57,022	216,466	9,432,450	966,251	
1.3.084.03.050.02 - UMS.1253: TRAFFIC SIGNALS AND	4,773,076	1,763,254	74,013	226,746	1,990,000	2,783,076	
1.3.084.03.050.03 - UMS.1253: TRACTION POWER SUPPL	1,815,534	4,000	500	5,000	9,000	1,806,534	
1.3.084.03.050.04 - UMS.1253: TRACTION POWER DISTR	216,957	50,000	7,465	16,037	66,037	150,920	
1.3.084.03.050.05 - UMS.1253: COMMUNICATIONS	1,134,314	1,500	520	1,000	2,500	1,131,814	
84 - UNION SQUARE/MARKET STREET STATION (UMS) CMODs	90,000	90,000	0	0	90,000	0	
1.3.084.84.020.07 - CMOD:UMS.1253: ELEVATORS, ESCALATORS	90,000	90,000	0	0	90,000	0	
1.3.084.94.020.03 - UMS.1253: AC: ALLOC CONTING	4,910,000	0	0	0	0	4,910,000	48
85 - CHINATOWN STATION (CTS) - WORK PACKAGE 1254	247,567,810	62,382,363	2,255,222	5,229,456	67,611,820	179,955,990	
1.3.085.04.010.07 - CTS.1254: GUIDEWAY: UNDERGROUN	76,417,579	2,489,360	145,424	511,798	3,001,158	73,416,421	
1.3.085.04.020.03 - CTS.1254: UNDERGROUND STATION	133,001,053	45,550,850	1,077,498	2,588,281	48,139,131	84,861,922	
1.3.085.04.020.07 - CTS.1254: ELEVATORS ESCALATOR	6,812,856	756,930	28,303	130,570	887,500	5,925,356	
1.3.085.04.040.01 - CTS.1254: DEMOLITION CLEARING	400,000	250,000	150,000	50,000	300,000	100,000	
1.3.085.04.040.02 - CTS.1254: SITE UTILITIES UTIL	6,001,718	3,798,520	133,456	156,930	3,955,450	2,046,268	
1.3.085.04.040.03 - CTS.1254: HAZARDOUS MATERIALS	350,000	0	0	0	0	350,000	
1.3.085.04.040.04 - CTS.1254: ENVIRONMENTAL MITIGA	325,665	150,000	147,004	56,064	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	0	0	14,500	14,500	211,177	
1.3.085.04.040.08 - CTS.1254: TEMPORARY FACILITIES	16,571,322	8,641,473	460,395	1,534,609	10,176,082	6,395,240	
1.3.085.04.050.02 - CTS.1254: TRAFFIC SIGNALS AND	1,599,593	595,230	91,230	106,703	701,933	897,660	
1.3.085.04.050.03 - CTS.1254: TRACTION POWER SUPPL	4,063,927	150,000	21,912	77,500	227,500	3,836,427	
1.3.085.04.050.04 - CTS.1254: TRACTION POWER DISTR	124,481	0	0	2,500	2,500	121,981	
1.3.085.04.050.05 - CTS.1254: COMMUNICATIONS	1,658,938	0	0	0	0	1,658,938	
85 - CHINATOWN STATION (CTS) CMODs	230,956	173,192	0	0	173,192	57,764	
1.3.085.85.020.03 - CMOD:CTS.1254: UNDERGROUND STATION	75,000	24,980	0	0	24,980	50,020	
1.3.085.85.040.01 - CMOD:CTS.1254: POWER POLE	155,956	148,212	0	0	148,212	7,744	
1.3.085.95.020.03 - CTS.1254: AC: ALLOC CONTING	4,769,044	0	0	0	0	4,769,044	49
86 - YERBA BUENA MOSCONE STATION (YBM) - WORK PACKAGE 1255	158,089,000	70,261,970	2,212,590	1,809,281	72,071,251	86,017,749	
1.3.086.05.020.03 - YBM.1255: UNDERGROUND STATION	119,048,929	51,716,150	563,185	746,010	52,462,160	66,586,769	

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1.3.086.05.020.07 - YBM.1255: ELEVATORS ESCALATOR	5,333,287	380,000	100,000	93,870	473,870	4,859,417	
1.3.086.05.040.01 - YBM.1255: DEMOLITION CLEARING	657,000	525,000	25,000	50,000	575,000	82,000	
1.3.086.05.040.02 - YBM.1255: SITE UTILITIES UTIL	6,520,189	4,350,000	78,920	423,380	4,773,380	1,746,810	
1.3.086.05.040.03 - YBM.1255: HAZARDOUS MATERIALS	2,629,439	550,000	100,000	70,460	620,460	2,008,979	
1.3.086.05.040.04 - YBM.1255: ENVIRONMENTAL MITIGA	100,000	45,000	42,444	14,476	59,476	40,524	
1.3.086.05.040.06 - YBM.1255: PEDESTRIAN/BIKE	16,665	0	0	0	0	16,665	
1.3.086.05.040.07 - YBM.1255: AUTOMOBILE BUS ACCE	1,542,725	205,000	47,000	43,200	248,200	1,294,525	
1.3.086.05.040.08 - YBM.1255: TEMPORARY FACILITIES	15,564,753	11,904,320	742,798	198,552	12,102,872	3,461,882	
1.3.086.05.050.02 - YBM.1255: TRAFFIC SIGNALS AND	1,726,492	562,000	510,943	135,533	697,533	1,028,959	
1.3.086.05.050.03 - YBM.1255: TRACTION POWER SUPPL	3,708,425	23,000	2,000	32,800	55,800	3,652,625	
1.3.086.05.050.05 - YBM.1255: COMMUNICATIONS	1,241,096	1,500	300	1,000	2,500	1,238,596	
86 - YERBA BUENA MOSCONE STATION (YBM) CMODs	(1,833,869)	0	0	0	0	(1,833,869)	
1.3.086.86.040.08 - CMOD:YBM.1255: TEMPORARY FACILITIES	(1,833,869)	0	0	0	0	(1,833,869)	
1.3.086.96.020.03 - YBM.1255: AC: ALLOC CONTING	6,833,869	0	0	0	0	6,833,869	50
87 - SURFACE TRACKWORK AND SYSTEMS -WORK PACKAGE 1256	139,989,000	23,365,439	616,305	1,317,711	24,683,150	115,305,850	
1.3.087.09.010.02 - STS.1256: GUIDEWAY: AT-GRADE SEMI-EXCLUSIVE (A	2,860,000	59,000	7,000	65,500	124,500	2,735,500	
1.3.087.09.010.06 - STS.1256: GUIDEWAY: UNDERGROUND CUT & CVR	10,274,450	0	0	0	0	10,274,450	
1.3.087.09.010.07 - STS.1256: GUIDEWAY: UNDERGROUN	16,510,764	932,650	30,130	16,333	948,983	15,561,781	
1.3.087.09.010.09 - STS.1256: TRACK: DIRECT FIX	6,761,089	916,104	20,000	162,243	1,078,347	5,682,743	
1.3.087.09.010.12 - STS.1256: TRACK: SPECIAL	4,449,637	70,000	5,000	10,000	80,000	4,369,637	
1.3.087.09.020.01 - STS.1256: AT-GRADE STATION	6,673,138	1,080,809	22,109	40,001	1,120,810	5,552,328	
1.3.087.09.040.02 - STS.1256: SITE UTILITIES, UTILITY RELOCA	17,509,893	5,882,557	170,467	140,001	6,022,558	11,487,335	
1.3.087.09.040.03 - STS.1256: HAZARDOUS MATERIALS	200,000	0	0	0	0	200,000	
1.3.087.09.040.04 - STS.1256: ENVIRONMENTAL MITIGA	50,000	0	0	0	0	50,000	
1.3.087.09.040.07 - STS.1256: AUTOMOBILE BUS ACCE	2,116,925	29,000	14,000	10,000	39,000	2,077,925	
1.3.087.09.040.08 - STS.1256: TEMPORARY FACILITIES	13,850,984	9,297,773	142,299	650,000	9,947,773	3,903,211	
1.3.087.09.050.01 - STS.1256: TRAIN CONTROL	27,543,451	3,331,247	50,028	87,021	3,418,268	24,125,183	
1.3.087.09.050.02 - STS.1256: TRAFFIC SIGNALS AND	4,485,368	1,077,950	1,393	100,022	1,177,972	3,307,396	
1.3.087.09.050.03 - STS.1256: TRACTION POWER SUPPL	9,911,014	535,598	133,879	24,042	559,640	9,351,374	
1.3.087.09.050.04 - STS.1256: TRACTION POWER DISTR	6,099,675	152,751	20,000	12,549	165,300	5,934,375	
1.3.087.09.050.05 - STS.1256: COMMUNICATIONS	8,028,025	0	0	(0)	0	8,028,025	
1.3.087.09.050.07 - STS.1256: CENTRAL CONTROL	2,664,586	0	0	0	0	2,664,586	
87 - SURFACE TRACKWORK AND SYSTEMS (STS) CMODs	305,378	0	0	287,437	287,437	17,941	
1.3.087.89.040.02 - CMOD:STS.1256: SITE UTILITIES, UTILITY RELOCA	305,378	0	0	287,437	287,437	17,941	

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1.3.087.99.020.01 - STS.1256: AC: ALLOC CONTING	4,694,622	0	0	0	0	4,694,622	51
141 - CONSTRUCTION ADMINISTRATION	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	
1.3.151.01.080.06 - TEMP.LICPORARY LICENSE AGREEME	17,000	0	0	0	0	17,000	
170 - COMMUNICATIONS CONNECTIONS	5,757,629	0	0	0	0	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	18,113,750	18,798,132	0	0	18,798,132	(684,382)	
1.3.181.01.040.08 - AON.CS163 AON RISK INS.	18,088,750	18,773,132	0	0	18,773,132	(684,382)	
1.3.181.01.080.03 - AON.CS171 AON RISK INS. STUDY	25,000	25,000	0	0	25,000	0	
191 - FARE COLLECTION CONTRACTOR	5,400,000	0	0	0	0	5,400,000	
1.3.191.01.050.06 - FARE.CONSUM:FARE COLLECTION	5,400,000	0	0	0	0	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 FNDS	63,938	0	0	0	0	63,938	
203 - JOC2-029.0	53,317	0	0	0	0	53,317	
1.3.203.07.040.02 - JOC0292-029: RELOCATE VAULTS-S	53,317	0	0	0	0	53,317	
302 - PG&E	1,988,173	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	2,844,136	
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	0	0	0	0	11,839	
331 - BAY AREA RAPID TRANSIT (BART)	951,356	60,455	0	0	60,455	890,901	
1.3.331.01.080.04 - CM:SFMTA LABOR-ENG SVCS-IRP/BART/SF	0	33,152	0	0	33,152	(33,152)	

[A] Cost Account Description	[B] August 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.3.331.01.080.06 - CM: BAY AREA RAPID TRANSIT (BART) [122A]	951,356	27,304	0	0	27,304	924,052	
333 - AMERICAN PUBLIC TRANSP. ASSOCIATION (APTA) CS-APTA	146,500	54,612	0	0	54,612	91,888	
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 [2C]	100,000	27,308	0	0	27,308	72,692	
334 - BART FARE COLLECTION SYSTEM	700,000	0	0	0	0	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	0	
1.3.401.01.080.04 - EWD: MAYORS OFFICE ECON DEV	17,600	17,600	0	0	17,600	0	
402 - DEPARTMENT OF TECHNOLOGY	242,371	237,534	0	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 REIMBUR	(254,050)	0			0	(254,050)	52
1.3.491.03.040.02 - FORMB - UMS:CONTRACT 1300 UTILITY REIMBURSEM	(528,370)	0			0	(528,370)	53
1.3.491.04.040.02 - FORMB - CTS:CONTRACT 1300 UTILITY REIMBURSEM	(451,703)	0			0	(451,703)	54
1.3.491.05.040.02 - FORMB - YBM:CONTRACT 1300 UTILITY REIMBURSEM	(100,000)	0			0	(100,000)	55
1.3.491.07.040.02 - FORMB - CONTRACT 1250 UTILITY REIMBUR	(2,275,419)	0			0	(2,275,419)	57
1.3.491.08.040.02 - FORMB - CONTRACT 1251 UTILITY REIMBUR	(7,618,412)	0			0	(7,618,412)	58
1.3.491.09.040.02 - FORMB - STS:CONTRACT 1300 UTILITY REIMBURSEM	(1,000,000)	0			0	(1,000,000)	59
TOTAL CONSTRUCTION PHASE	1,328,370,949	626,202,487	12,235,237	12,084,111	638,224,371	676,806,886	
1.4.091.01.070.01 - LRVS: LIGHT RAIL VEHICLES RFP [34B]	1,325,000	1,319,773	0	0	1,319,773	5,227	
1.4.091.01.070.01 - LRVS: LIGHT RAIL VEHICLES PROJECT MGT [68E]	827,132	827,132	0	0	827,132	0	
1.4.091.01.070.01 - LRVS: LRV PROCUREMENT ODC	25,000	0	0	0	0	25,000	
1.4.091.01.070.01 - LRVS: LRV PROCUREMENT	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	19
TOTAL VEHICLES	26,385,653	2,146,905	0	0	2,146,905	24,238,749	
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	312	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	0	
1.5.015.01.060.01 - RE:-LICENSES FEES	400,000	381,311	0	0	381,311	18,689	

[A] Cost Account Description	[B] August 2015 Budget (YOE)	[C] PRIOR MONTH Total	[D] PRIOR MONTH Monthly	[E] CURRENT Monthly	[F] CURRENT Total	[G] VARIANCE (B - F)	COST REPORT NOTES
1.5.015.97.060.01 - RE:A:AC: RE: REAL ESTATE ALLO	5,265,478				0	5,265,478	
1.5.023.01.060.01 - ATTY:REAL ES	2,212,882	2,625,988	156,567	52,870	2,678,858	(465,976)	
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	584,194	0	0	584,194	321,117	
TOTAL ROW, LAND, EXISTING IMPROVEMENTS	37,405,895	29,951,697	156,879	52,870	30,004,567	7,401,328	
90 - CONTINGENCY	84,513,347					84,513,347	
1.7.500.91.090.00 - UNALLOCATED CONTINGENCY	24,519,456					24,519,456	60
TOTAL ALLOCATED CONTINGENCY	59,993,891					59,993,891	
TOTAL PROJECT COST	1,578,300,001	818,772,983	12,392,116	12,074,751	830,847,736	734,112,574	

7.1 Program Project Budget	
1	The Central Subway Project (CSP) (SFMTA Capital Program CPT 544) is defined in the FTA-SFMTA October 2012 Full Funding Grant Agreement with a budget of \$1.578 billion.
2	The TBM Retrieval Shaft Relocation (SFMTA Capital Program CPT 690) is one of four capital projects that is related to CSP. These projects are reported for background information as needed outside of the main body of the Project Monthly Progress Report.
3	The Chinatown Plaza (CPT 718) is for Chinatown Station enhancement capital project. The project has funding outside of the Central Subway Project. The construction is carried out in Contract 1300 Contract Modifications.
4	CPT 665 is a Real Estate project to relocation in compliance with California regulations for business relocations but outside of the Central Subway Project as defined by the FTA FFGA.
5	CPT 705 is an SFMTA capital improvement between the Agency and community stakeholders outside of the Central Subway Project.
6	Utility company reimbursements (Form B) result in funds received for work carried out on behalf of utilities concurrent to CSP work to achieve efficiencies.
7	PG&E Power Feed reimbursement funds are the refunds from PG&E when completion of Stations construction and switch to permanent power.
8	BART Elevator funds are reimbursements for work carried out on behalf of BART to install BART Powell Street Station elevator.
9	The Tutor Perini - CAD Files funds are the result of payments by the contractor for project documentation not included in the contract.
10	SFPUC Sewer Main funds are reimbursements for work carried out on behalf of San Francisco PUC (includes 10% construction contingency).
11	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).
12	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.
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).

7.4 Contingency Management Trend Report	
14	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.
15	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.

16	Contract 1252 Original Contract Value "column a" and Original Congency "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, and CMod #41 for install 24" Water Main in North Beach cost \$328,860 funded by SFPUC. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency.
17	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.
18	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.
19	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.
20	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.
21	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.
22	Estimate at Completion is shown at Column "e".
23	Estimate at Completion vs. Budget variance is shown at Column "k".

7.5 Contract Modification/Trend Log - Contract 1300 Stations

24	Reported all trend cost for Contractor Change Order Requests and Proposed Contract Change and applied probability to forecasted trends.
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7.6 Budget Revisions: Report Sorted by Construction Packages

25	In Dec 2014 Report, reduced CN1252 allocated contingency by \$28K to excute 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.
26	Program contingency increased by \$500,000. Refer to Report Notes #20.
27	Program contingency increased by \$5,265,478. Refer to Report Notes #18.

28	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.
29	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 contingency.

7.9 Detail Monthly Expenditure Report

Phase 1 Preliminary Engineering	
30	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.

Phase 2 Design Phase	
31	Famis cost adjustment to transfer Project Management cost from July 2013 to Phase 3 Construction Phase.
32	Famis Phase 1 PE Index Code: 357906.CPT5441112 cost is \$10,222,939 \$8,949,300 is reported in Cost Report Phase 1 PE and the balance of \$1,273,639 is reported in Phase 2 Design.
33	1.2.021.01.080.03 - FD:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]: FAMIS: \$1,425,167 Cost Report: \$1,425,167 cost is reported in Phase 2 Design, 1.2.021.01.080.03 Cost Transfer: Remaining cost is reported in Phase 3 Construction, 1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]
34	1.2.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]: FAMIS: \$2,294,910 Cost Report: \$2,294,910 1.2.055.01.080.02 Cost Transfer: Future costs to be allocated to 1.3.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]
35	1.2.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]: FAMIS: \$4,698,167 Cost Report: \$4,698,167 on 1.2.063.01.080.03 Cost Transfer: Future costs to 1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]
36	AVA Cost \$395,204 is reported in Phase 2 Final Design 1.2.066.01.080.03
37	1.2.071.01.080.02 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]: FAMIS: \$5,608,147 Cost Report: \$5,469,336 Cost Transfer: \$138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]

38	1.2.072.01.080.02 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]: FAMIS: \$26,268,511 COST REPORT: \$26,220,609 COST TRANSFER: \$47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]
39	1.2.073.01.080.02 - FD:FINAL DESIGN-DP3 [35CPT5441236.CPT5441236]: FAMIS: \$11,502,372 COST REPORT: \$11,432,312 COST TRANSFER: \$70,060 to 1.3.073.01.080.04 - CM: DP3 [35CPT5441236.CPT5441236]

Phase 3 CONSTRUCTION PHASE	
40	1.3.021.01.080.03 - ARTS:CTYCO-ARTS COMMISSION [357909ART001.CPT5441227]: FAMIS: \$1,525,982 Cost Report: \$1,425,167 1.2.021.01.080.03 Cost Transfer: any future costs to 1.3.021.01.080.03
41	1.3.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241]: FAMIS: \$2,294,910 Cost Report: \$2,294,910 1.2.055.01.080.02 - FD:ODCs - 651 BRANNAN STREET [35CPT5441241.CPT5441241] Cost Transfer: Future costs to be allocated to 1.3.055.01.080.02
42	1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]: FAMIS: \$4,698,167 Cost Report: \$4,698,167 on 1.2.063.01.080.03 Cost Transfer: Future costs to 1.3.063.01.080.03 - AECOM.CS149 OM-EPC JV CS149-PM [68CPT544133D.CPT544133D]
43	Used \$500K program contingency for CS-175 Bayland Soil Process contract. Refer to Report Notes #20.
44	1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]: FAMIS: \$5,608,147 Cost Report: \$5,469,336 Cost Transfer: \$138,811 to 1.3.071.01.080.04 - FD:FINAL DESIGN-DP1 [35CPT5441232.CPT5441232]
45	1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]: FAMIS: \$26,268,511 COST REPORT: \$26,220,609 COST TRANSFER: \$47,902 to 1.3.072.01.080.04 - FD:FINAL DESIGN-DP2 [35CPT5441233.CPT5441233]
46	Contract 1251 Final cost is \$20,794,582.
47a	In July 2015 Report, used Contract 1300 Contractor schedule to report budget and actual cost. The Standard Cost Categories (SCC) allocation changed from previous reports. In August 2015 Report, adjusted some of Contract 1300 Contractor SCC assignment to match most of previous SCC assignment.
47	Revised Contract 1252 allocated contingency SCC code from 040.08 to 010.07.

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48	Revised Contract 1300/UMS allocated contingency SCC code from 040.08 to 020.03.
49	Revised Contract 1300/CTS allocated contingency SCC code from 040.08 to 020.03.
50	Revised Contract 1300/YBM allocated contingency SCC code from 040.08 to 020.03.
51	Revised Contract 1300/STS allocated contingency SCC code from 040.08 to 020.01.
52	Revised Form B Reimbursements SCC code from 900.01 to 040.02
53	Revised Form B Reimbursements SCC code from 900.01 to 040.02
54	Revised Form B Reimbursements SCC code from 900.01 to 040.02
55	Revised Form B Reimbursements SCC code from 900.01 to 040.02
56	Revised Form B Reimbursements SCC code from 900.01 to 040.02
57	Revised Form B Reimbursements SCC code from 900.01 to 040.02
58	Revised Form B Reimbursements SCC code from 900.01 to 040.02
59	Revised Form B Reimbursements SCC code from 900.01 to 040.02
60	Increase Program contingency \$1,023,508. Refer to Report Notes #11 and #12. In April 2015 report, program contingency decreased by \$500,000. Refer to Report Notes #20. In August 2015 report, release \$15M CN1252 Tunnel assigned contingency to program unallocated contingency.