

AGENDA

TRANSBAY TRANSIT CENTER PROGRAM COST REVIEW COMMITTEE SPECIAL MEETING

Thursday, April 5, 2018

11:00 a.m. to 1:00 p.m.

City Hall
1 Dr. Carlton B Goodlett Place, Room 316
San Francisco, CA

COMMITTEE MEMBERS

Ben Rosenfield, City and County of San Francisco (CCSF) Controller (Chair)
Steve Heminger, Executive Director of the Metropolitan Transportation Commission (MTC)
Mark Zabaneh, Executive Director of the Transbay Joint Powers Authority (TJPA)

Secretary
Michelle Dea

ORDER OF BUSINESS

1. Call to Order
2. Roll Call
3. Action Item:
Approving the Minutes of the February 16, 2018 Meeting
Public Comment
4. Discussion Item:
Status Updates from Planning Department and Office of Community Investment and Infrastructure (OCII) on Projects in the Redevelopment Area/Transit Center District
5. Discussion Item:
Program Budget and Construction Status Update
6. Discussion Item:
Facility Readiness Update
7. Discussion Item/Possible Action:
Funding Sources for Tenant Improvements
Public Comment

8. Action Item:
Expenditure and Commitment of Proceeds of the City Financing that Require CRC Approval
Public Comment
9. Discussion Item/Possible Action:
Opportunity to Comment on Contracts, Change Orders and Contract Amendments that Require CRC Review
Public Comment
10. New Business
- Agenda for Next Meeting
11. Public Comment
This item allows members of the public to comment generally on matters within the CRC's purview that are not on the agenda.
12. Adjourn

The Transbay Transit Center Program Cost Review Committee meeting will be held in Room 316, at 1 Dr. Carlton B. Goodlett Place, San Francisco, CA. The closest accessible BART station is the Civic Center Station at United Nations Plaza and Market Street. Accessible MUNI lines serving this location are: Muni Metro Lines J-Church, K-Ingleside, L-Taraval, M-Oceanview, N-Judah, and T-Third at Van Ness and Civic Center Stations; F-Market; 19-Polk, 47-Van Ness; 49-Mission-Van Ness; 5-Fulton; 6 Parnassus; 21-Hayes; 9-San Bruno; and 71-Haight Noriega. For more information about MUNI services call 311.

The meeting room is wheelchair accessible. Accessible curbside parking spaces have been designated on the Van Ness Avenue and McAllister Street perimeters of City Hall for mobility-impaired persons. There is accessible parking available within the Civic Center Underground Parking Garage at the corner of McAllister and Polk Streets, and within the Performing Arts Parking Garage at Grove and Franklin Streets.

If you require the use of an American Sign Language interpreter, a sound enhancement system, or a reader during the meeting, such person or system can be made available upon request; please contact the TJPA at (415) 597-4620, at least 72 hours prior to the meeting. Late requests will be honored if possible. Agenda and minutes of the meeting may be available in alternative formats; please contact the TJPA at (415) 597-4620 at least 72 hours in advance of need. Written reports or background materials for agenda items are available for public inspection and copying at 201 Mission St. Suite 2100 during regular business hours and are available online at www.TJPA.org.

If you need to use the services of a language interpreter, contact TJPA by calling 415.597.4620 or at crc@transbaycenter.org. We require an advance notice of three business days to accommodate your request.

Si necesita usar los servicios de un intérprete de idioma, comuníquese con TJPA llamando al 415.597.4620 o en crc@transbaycenter.org. Solicitamos un aviso previo de tres días hábiles para atender su solicitud.

如果您需要使用语言口译员，请联系 TJPA，电话：415.597.4620，或电子邮件：crc@transbaycenter.org。我们需要您在三个工作日之前告知，以满足您的要求。

To assist the TJPA's efforts to accommodate persons with severe allergies, environmental illness, multiple chemical sensitivity or related disabilities, attendees at public meetings are reminded that other attendees may be sensitive to various chemical based products. Please help TJPA to accommodate these individuals.

The ringing of and use of cell phones, pagers and similar sound-producing electronic devices are prohibited at this meeting. Please be advised that any person(s) responsible for the ringing or use of a cell phone, pager, or other similar sound-producing electronic devices may be ordered to leave the meeting room.

The Ethics Commission of the City and County of San Francisco has asked us to remind individuals that influence or attempt to influence local legislative or administrative action may be required by the San Francisco Lobbyist Ordinance [Campaign and Gov't Conduct Code, Article II, Chapter 1, § 2.100, et seq.) to register and report lobbying activity. For more information about the Lobbyist Ordinance, please contact the Ethics Commission at 25 Van Ness Avenue, Suite 220, San Francisco, CA 94102, telephone (415) 252-3100, fax (415) 252-3124 and web site: www.sfethics.org.

MINUTES

**TRANSBAY TRANSIT CENTER PROGRAM
COST REVIEW COMMITTEE MEETING**

Friday, February 16, 2018

1:30 p.m. to 3:30 p.m.

TJPA Office
201 Mission Street, Suite 2100
San Francisco, CA

COMMITTEE MEMBERS

Ben Rosenfield, City and County of San Francisco (CCSF) Controller (Chair)
Steve Heminger, Executive Director of the Metropolitan Transportation Commission (MTC)
Mark Zabaneh, Executive Director of the Transbay Joint Powers Authority (TJPA)

Secretary
Michelle Dea

ORDER OF BUSINESS

1. Call to Order

The meeting was called to order at 1:31pm.

2. Roll Call

Present: Nadia Sesay (Alternate for Ben Rosenfield [Chair]), Mark Zabaneh, Steve Heminger

3. Action Item:

Approving the Minutes of the November 17, 2017 Meeting

There was no public comment.

Steve Heminger motioned to approve the minutes, seconded by Mark Zabaneh. The minutes of the November 17, 2017 meeting were approved without objection.

4. Discussion Item:

Status Updates from Planning Department and Office of Community Investment and Infrastructure (OCII) on Projects in the Redevelopment Area/Transit Center District

Ms. Sesay presented the item.

Ms. Sesay stated that based on feedback from the last Cost Review Committee (CRC), the handout now includes revenue sources broken down by components, indicating how many properties are needed for the following: the Transbay project (Phase 1), an additional \$150 million to fully fund the project, and repayment of the entire \$250 million amount, in the event that the full City loan amount is drawn. Ms. Sesay stated that based on what is currently known, the projects that are needed to help repay the loan for City Financing are on target and that expected completion is by year 2020. She stated that the estimated completion would be roughly three years from execution of the loan documents, which is a good timeframe.

There was no public comment.

5. Discussion Item:
Facility Readiness Update

Erika Elliot from TJPA's asset management team presented the Leasing Updates portion of the item.

Mr. Heminger questioned if there would be no permanent tenants until approximately one year after the transit center opens, based on the presentation. Ms. Elliot replied that after the ribbon-cutting ceremony, pop-up tenants will operate from 6 to 18 months, as permanent tenants open within that time period.

There was no public comment.

6. Discussion Item:
Program Budget and Construction Status Update

Dennis Turchon, TJPA Senior Construction Manager presented the item.

Mr. Turchon noted that the Substantial Completion date of June 1, 2018 moved from mid-May since the last CRC meeting. Mr. Heminger inquired about an August to September timeframe mentioned in a recent news article. Mr. Alameida clarified that the timeframe in the article was in reference to his comment during the February TJPA Board meeting, on his fears of transit readiness being pushed out to fall 2018. Mr. Alameida stated that the project team is pressuring the Construction Manager/General Contractor (CM/GC) to develop a recovery schedule and take additional measures to address subcontractor performance issues.

Mr. Heminger asked whether the project team has considered other measures such as termination for default, calling on a performance bond, or directing the CM/GC to terminate its electrical subcontractor. Mr. Alameida stated that the project team expects the responsibility to be on the CM/GC and its subcontractors. He further stated that liquidated damages have been assessed in accordance with the contract, after the CM/GC missed the Substantial Completion in December 2017. Mr. Alameida added that consequences could potentially be worse for TJPA if it intervened as suggested. In response to Mr. Heminger's comment on terminating the electrical subcontractor, Mr. Fremier, MTC Deputy Executive

Director for Operations, stated that TJPA is following Public Contract Code and that subcontractor substitutions go through a long arduous process.

Mr. Heminger inquired whether there are electricians employed by the City and County of San Francisco. Mr. Alameida replied that the City has a small building repairs and renovations group, but the City's electricians would not have adequate manpower to alleviate issues with the electrical work. He further stated that lack of or ineffective management by the CM/GC's electrical subcontractor has been the underlying issue.

Mr. Heminger inquired whether the contingency and reserves account for possible increases in compensation requests by the CM/GC due to the assessment of liquidated damages. He further stated that when the City and MTC established contributions to the project, there was an assumption that a risk management system was in place and that some figures were earmarked for risks. Mr. Alameida confirmed that the assumptions were correct. He stated that potential change orders and claims will be one of the drivers for changes to the Estimate at Completion (EAC). However, Mr. Alameida advised that the revised EAC should be viewed as an interim forecast because at the end of the project, the project team may back-charge the CM/GC for costs associated with the delays. Mr. Zabaneh stated that the project team is assessing the project needs because some contracts for soft costs will need to be extended due to the schedule delays. Mr. Zabaneh noted that the current EAC does not account for liquidated damages.

7. Discussion Item/Possible Action:
Funding Sources for Tenant Improvements

Sara DeBord, TJPA Chief Financial Officer (CFO), presented the item.

Ms. DeBord stated that the budget for base building and tenant improvements (TI) amount is approximately \$36 million. A fiscal year 18-19 operating budget forecast was presented, comparing forecasts from November 2017 and January 2018 and while the forecast was higher for base building and TI, that was due to schedule shifts, not an increase in the total amount of \$36 million. Ms. DeBord noted that if the January 2018 forecasted amounts materialized, then contributions would be required from AC Transit and San Francisco Municipal Transportation Agency (SFMTA). Ms. DeBord stated that packets provided to the committee include Letters of Support from bus operators, AC Transit and SFMTA, requesting the use of City Financing for the full amount of base building and TI.

Ms. DeBord stated that TJPA understood Chair Rosenfield's previous decision to defer the final decision until forecasted budgets are more solidified in spring 2018. She stated that the CRC previously provided an indication that \$25 million in City Financing could be used for base building and TI, and that TJPA wanted to confirm that it was acceptable to move forward with committing and expending the funding. Ms. Sesay stated that she was not present at the last CRC meeting and inquired if it was agreed upon to use the \$25 million. Secretary Dea stated that during the last meeting, the committee did not take an action on the agenda item, but provided an indication that \$25 million would be acceptable. Ms. Sesay stated that the committee would not take an action at this time.

Mr. Heminger asked how much AC Transit and SFMTA would need to contribute, if only \$25 million of the \$36 million request is approved. Ms. DeBord stated that if TJPA had to use other funding sources to cover the balance of the \$36 million, the costs would have to come from the transit operators. Mr. Heminger inquired if the contributions totaling to \$800,000 from both operators pair with a \$25 million or \$36 million budget for base building/TI. Ms. DeBord replied that it would pair with the \$25 million because less than \$25 million is needed for the next fiscal year. She stated that in fiscal year 2019-2020, the contributions would either increase significantly if only \$25 million is approved, or not as significantly, if \$36 million is approved.

Mr. Heminger asked if TJPA would draw from MTC's funding of \$100 million within the bridge loan, if either the \$25 million or \$36 million amount is approved. Mr. Zabaneh replied yes and stated that the Contingency Cost slide of the Construction Update notes the use of the \$93 million Program Reserve for building and tenant improvements. Mr. Zabaneh stated that when Chair Rosenfield gave an indication of future approval of the \$25 million amount during the last meeting, he also noted that there would be continued discussion on the remaining \$11 million. Ms. Sesay stated that based on previous communications with Chair Rosenfield, there are uncertainties with the \$11 million balance and that more information is needed in the coming weeks. She noted that Community Facilities District (CFD) funds cannot be used to repay funding spent on building and tenant improvements.

There were discussions between TJPA and the committee on de-obligating and re-obligating fund sources associated with the train box and the park. Mr. Heminger expressed discomfort with not taking an action regarding the building and tenant improvements. He inquired about the fund source for the \$25 million TI budget and asked what fund sources will be shifted. Ms. DeBord replied that there is a combination of local funds.

Mr. Heminger asked Mr. Zabaneh how much funding is currently needed to award contracts related to building improvements for the Greyhound and Amtrak spaces. Mr. Zabaneh replied that approximately \$1.5 million is the immediate need and TJPA will be receiving additional bids in the next several months for tenant improvements. Mr. Heminger questioned whether the committee should take action on a portion of the \$25 million amount for building and tenant improvements. It was determined that this item would be continued when Chair Rosenfield is present and a special meeting of the CRC would be held in March.

Public comment:

Chris Andrichak, AC Transit Director of Management and Budget, stated that AC Transit sent a letter to the TJPA, requesting the use of City Financing for TI. He stated that it would be unfortunate if AC Transit had to contribute funding and cancel service to Transbay. Mr. Andrichak expressed concerns with AC Transit's budget outlook for the next year and reiterated AC Transit's request to use City Financing for TI.

Greg Harper from the AC Transit Board and TJPA Board echoed Mr. Andrichak's request and stated that AC Transit has a meeting the next day and would like to schedule as much service as possible. Mr. Harper stated that the sooner that funding decisions are made, the sooner AC Transit can schedule services for Transbay.

8. Action Item:

Expenditure and Commitment of Proceeds of the City Financing that Require CRC Approval

Sara DeBord, TJPA CFO, presented the item.

Ms. DeBord stated that TJPA does not have a request for additional commitment or expenditure authority at this time. She stated that the committee previously authorized commitments up to \$175 million and cash draws up to \$145 million. To date, approximately \$144 million has been committed, and \$103 million has been drawn. Ms. DeBord stated that TJPA is not requesting draws as CFD proceeds are being used first. She stated that TJPA plans to provide an updated cash flow in the next meeting.

Mr. Zabaneh asked if contracts for TI can be awarded, based on the previous authorization. Ms. DeBord stated that TJPA could award the contracts within the previous \$175 million authorization, if that is acceptable to the committee. Ms. Sesay stated that TJPA already has authority to commit up to \$175 million and that no action is needed. Ms. DeBord stated that Ms. Sesay's direction was acceptable.

There was no public comment.

9. Discussion Item/Possible Action:

Opportunity to Comment on Contracts, Change Orders and Contract Amendments that Require CRC Review

Sara DeBord, TJPA CFO, and Dennis Turchon, TJPA Senior Construction Manager presented the item.

Mr. Heminger stated that TJPA has been requesting approval for the use of City Financing on additional legal costs every few months, with costs exceeding \$1 million per request. He asked if TJPA had a complete cost estimate for legal costs and when the services are expected to end. Mr. Zabaneh stated that a budget was presented to TJPA, however, the legal budget is confidential. Mr. Heminger requested a closed session for a briefing on the legal costs. Mr. Zabaneh replied that TJPA would discuss Mr. Heminger's request with legal counsel.

Mr. Heminger inquired about the construction change orders and asked if TJPA is proposing to use CM/GC Contingency for disputes related to the temporary facilities. Mr. Turchon stated that CM/GC Contingency can be used in the interim and that TJPA can attempt to recover costs from the responsibility party at a later time. Mr. Heminger asked if remaining CM/GC Contingency funds at the end of the project would be split between the CM/GC and TJPA. Mr. Turchon replied affirmatively.

Ms. Sesay inquired about a \$7.4 million line item in the Construction Changes Log for the transit center. Mr. Turchon stated that the \$7.4 million value is carried as an exposure for

electrical work and that TJPA has not determined merit for the amount provided by the CM/GC. Mr. Alameida added that this topic directly addresses Mr. Heminger's earlier question regarding carrying amounts for risk, and confirmed that TJPA has been carrying some amounts in the EAC for exposures that have been submitted by the CM/GC. Mr. Alameida stated that at the end of the project, TJPA will need to analyze whether any or some of the exposure will materialize. He stated that the \$7.4 million request is somewhat of a counterpoint to back-charges and liquidated damages assessed by TJPA.

Public Comment

Jim Patrick stated that AC Transit is a major customer who has indicated that it needed the financing to ensure adequate operations. Mr. Patrick expressed concerns with how the financing is being allocated. Mr. Patrick stated that he feels financing needs to be provided for building and tenant improvements and to not do so would be a dereliction of duty.

10. New Business

- Agenda for Next Meeting

Ms. Sesay stated that a special meeting needed to be scheduled. Mr. Heminger requested a closed session related to legal costs.

11. Public Comment

This item allows members of the public to comment generally on matters within the CRC's purview that are not on the agenda.

Mr. Harper thanked the committee for its questions.

12. ADJOURN - The meeting was adjourned at 2:42 p.m.

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CRC Agenda Item No. 4

Transbay Transit Center Community Facilities District
Status of Development
February 2018 Update

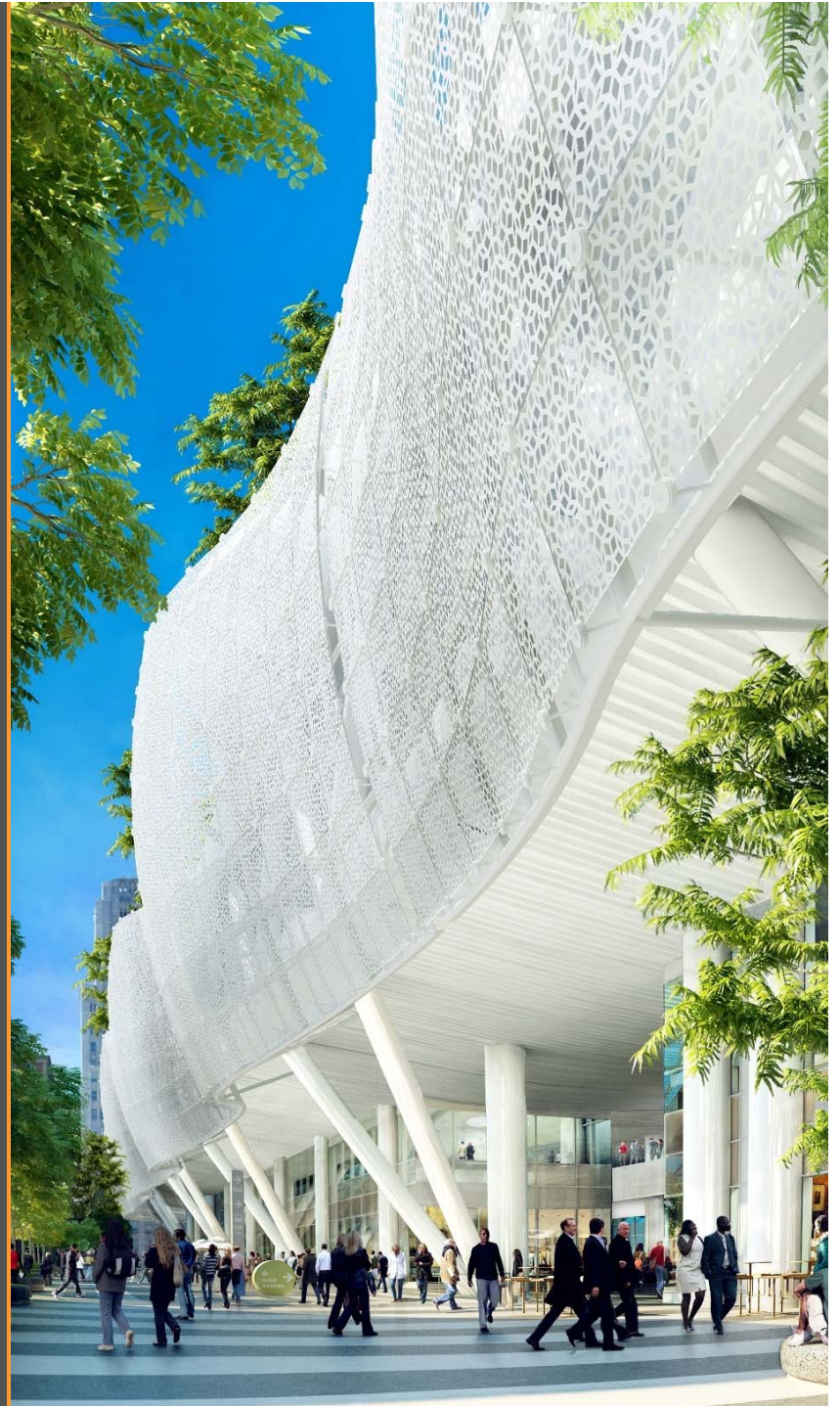
	Property/ Address	Owner	Use	Units or Office SF	Actual/Estimated NET CFD Amounts (in millions) as of 12/17	Cumulative Actual/Estimated NET CFD Amounts (in millions) as of 12/17	Oct. 2015 CFD Estimated Completion	Original Estimated Completion	Current Forecasted Completion	Actual Completion	Current Status
1	Block 6	Golub	Residential	479	\$24.1	\$24.1	2016	2016	2016	2016	Complete; TCO issued prior to 6/30/16
	350 Mission	KR 350 Mission	Office	420,000 SF	\$3.7	\$27.8	2016	2016	2016	2016	Construction Completed.
	Salesforce Tower	Boston Properties/Hines	Office	420,000 SF	\$121.2	\$149.0	2017	2017	2Q 2017	2016	Under construction; completion estimated 2017
2	41 Tehama	Hines	Residential	398 DU	\$25.9	\$174.9	2017	2016	4Q 2017	TBD	Under construction; TCO 1 estimated Q4 2017; CFC estimated Q1 2018.
	181 Fremont	Jay Paul Co	Ofc/Res	Ofc: 404,000 SF Res: 74 DU	\$44.2	\$219.1	2017	2017	4Q 2017	TBD	Construction nearly complete (awaiting TCO); all approvals finalized with Planning.
	Block 5	Golub/John Buck Co	Office	767,000 SF	\$44.4	\$263.5	2019	1Q 2019	1Q 2019	TBD	Under construction; completion estimate 1Q 2019
	Block 9	TMG/Essex/Bridge	Residential	545	\$18.2	\$281.7	2019	1Q 2019	2Q 2019	TBD	Under construction; completion estimate 2Q 2019
	Block 8	Related Co/TNDC	Residential	548	\$44.4	\$326.0	2020	1Q 2020	2Q 2019	TBD	Under construction; completion estimated 2Q 2019
3	524 Howard	Crescent Heights	Residential	334	\$18.8	\$344.9	2021	2019	4Q 2019	TBD	Project approved at CPC on 11/3/16; no site permit on
	75 Howard	Paramount	Residential	122	\$23.2	\$368.1	2018	2019	4Q 2019	TBD	Project approved at CPC on 9/3/15; permits issued 10/25/17; under construction.
	Block 1	Tishman Speyer	Residential	393	\$28.0	\$396.1	2019	1Q 2020	2Q 2020	TBD	Under construction; completion estimate 2Q 2020
	555 Howard	SKS, Pacific Eagle	Res / Hotel	Res: 72 DU Hotel: 255 Rms; 206,562 SF; Total GFA: 358,600 SF	\$21.9	\$418.0	N/A	2021	4Q 2020	TBD	Environmental Review – Approved at Planning Commission on March 2, 2017
	50 1 st Street	Oceanwide	Ofc/Res/Hotel	Ofc: 790,236 sf Res: 265 DU Hotel: 245,895 sf	\$137.0	\$554.9	2020	2021	3Q 2021	TBD	Project approved at CPC on 5/5/16; multiple demo and new construction/alteration permits filed (primary (new construction tower) permits) issued on 2/1/17 and 7/5/17.
	Block 4	Option for Hines to buy	Residential	Est. 570	\$15.3	\$570.2		2022	2022	TBD	Northern portion of Temporary Terminal. OCII Commission Approvals process underway.
	Parcel F	Hines	Ofc/Res/Hotel	Ofc: 251,323 SF Res: 170 DU Hotel: 210 Rms; 182,023 SF	\$64.1	\$634.3	2020	2023	4 Q 2023	TBD	TJPA contractor use reserved until Dec. 2016; Project under review with Planning (no hearing dates set).

\$634.3

- 1 Makes project whole; amounts in excess of \$147M is Bridge Loan
2 Repayment of Bridge Loan with next \$150M
3 Repayment of full draw on Bridge Loan of \$250M

CRC Item No. 5 – April 5, 2018

Construction Update



Project Overview

Western Zone Grid Line 1-10

Central Zone Grid Line 10-20

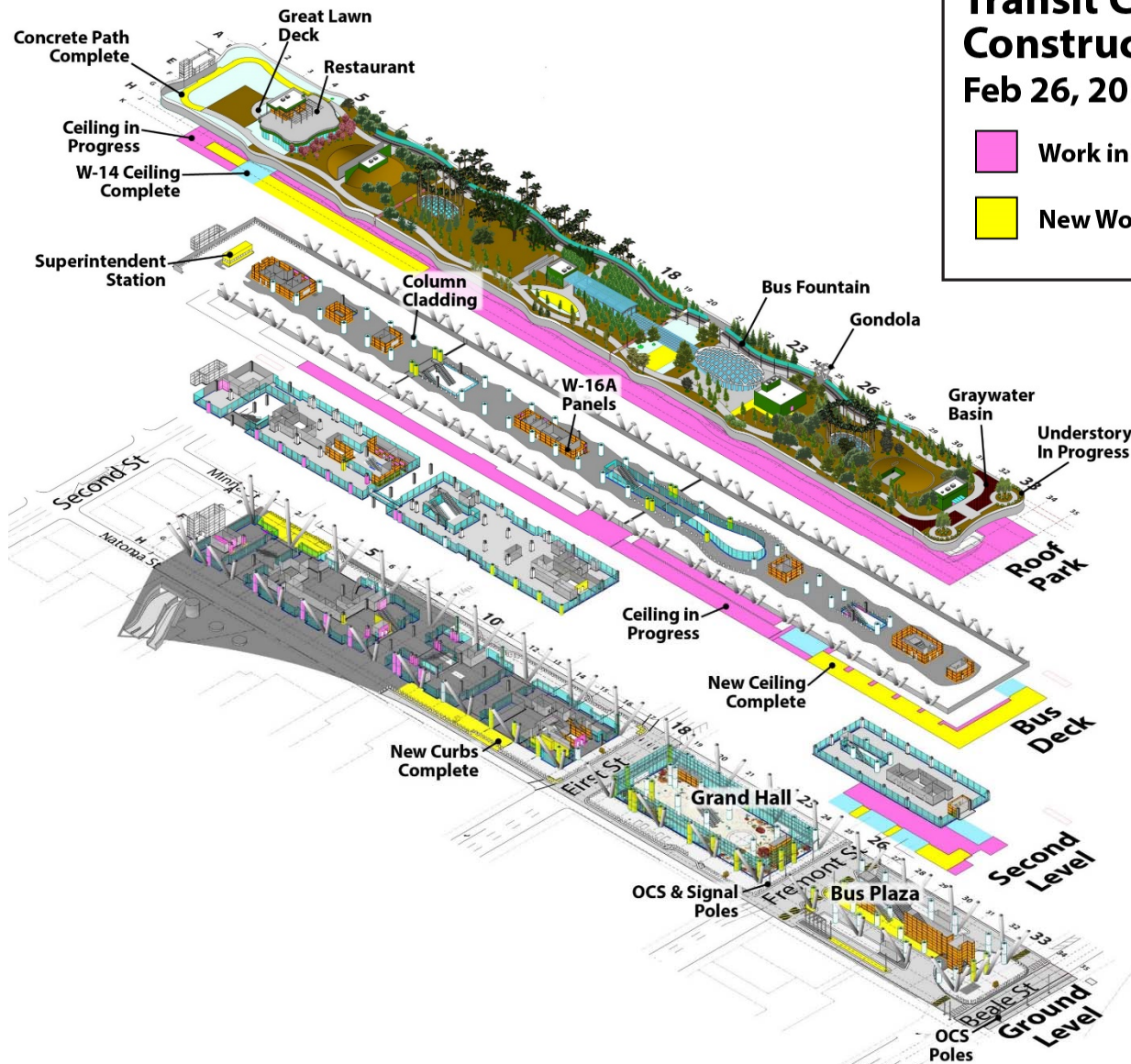
Eastern Zone Grid Line 20-35



Recent Activity

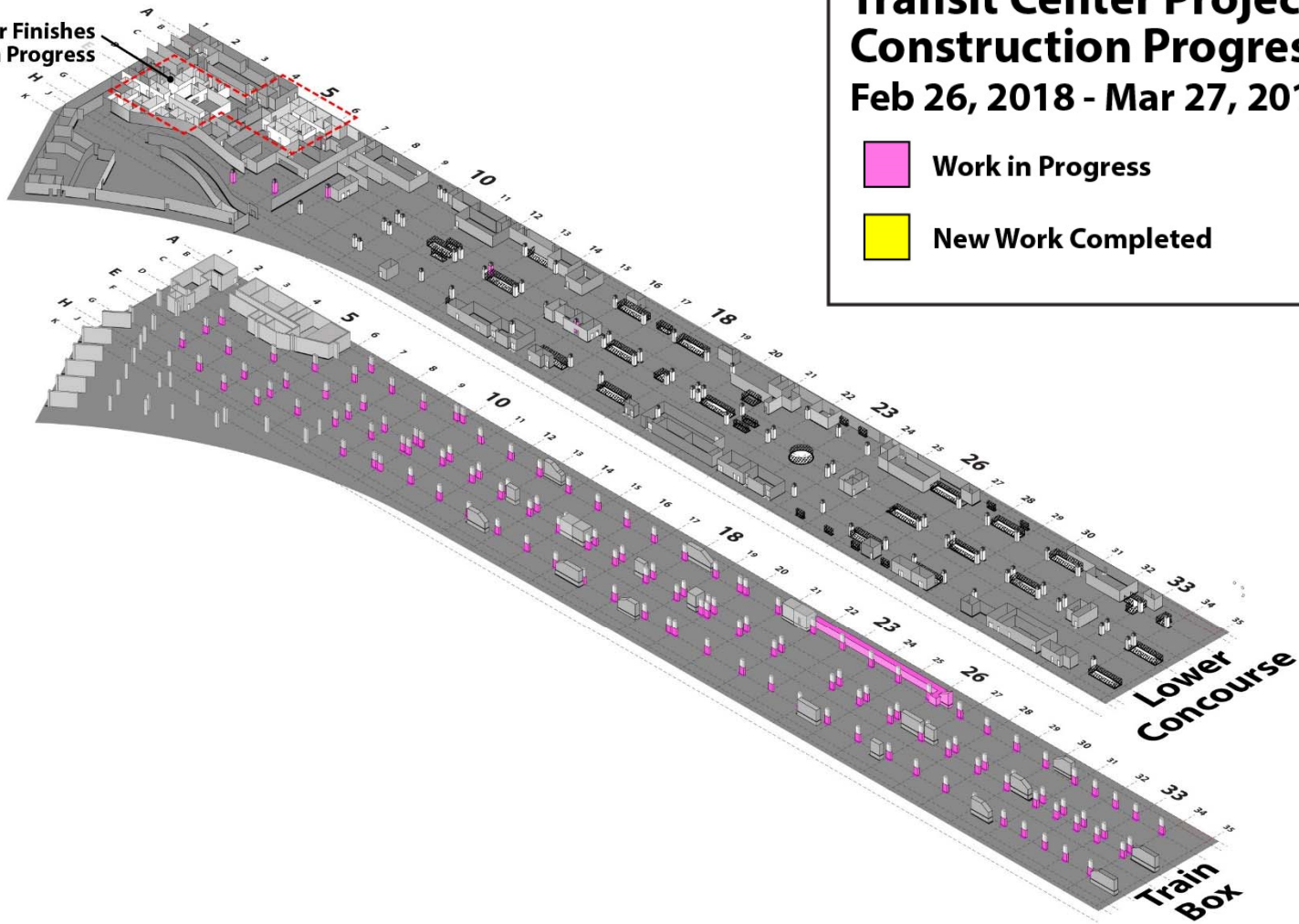
Transit Center Project Construction Progress Feb 26, 2018 - Mar 27, 2018

- Work in Progress
- New Work Completed



Recent Activity

Interior Finishes
In Progress



Construction Activity

Transit Center – West End (GL1-20)	Transit Center – East End (GL20-35)
<ul style="list-style-type: none">-Roof Amphitheatre construction underway.-Rooftop landscaping small plants progress.--Escalator canopy glass panels completed.-Bus Deck Mechanical, Electrical, Plumbing near completion- <u>including hydrotesting.</u>-Bus Deck column covers <u>now complete.</u>-Bus Deck ceiling framing and fans in progress at passenger island.-Bus Deck Metal wall panels <u>now complete.</u>-Elevators and Escalators underway.-Ground Level sidewalks and roadway construction of Minna and Natoma.-Electrical conduits and power cable distribution continues.-Main Distribution (MDF) and Intermediate Distribution Frame (IDF) Rooms underway.-Equipment rooms buildout in progress.	<ul style="list-style-type: none">-Rooftop landscaping well underway.-Rooftop wetlands basin ready for planting.-Elevators and Escalators underway.-Bus Deck Mechanical, Electrical, Plumbing near completion - <u>including hydrotesting.</u>-Bus Deck column covers in progress.-Bus Deck ceiling framing and fans in progress at passenger island.-Bus Deck Metal wall panels in progress.-Grand Hall sidewalks and roadways reconstruction of Natoma in progress.-MUNI Bus Plaza drive aisle and pedestrian islands construction in progress.-Electrical conduits and power cable distribution continues.-Main Distribution (MDF) and Intermediate Distribution Frame (IDF) Rooms underway.-Equipment rooms buildout in progress.

Rooftop Park –Landscaping



Rooftop Park –Landscaping



Eastern Zone landscaping mound
- before and after soils

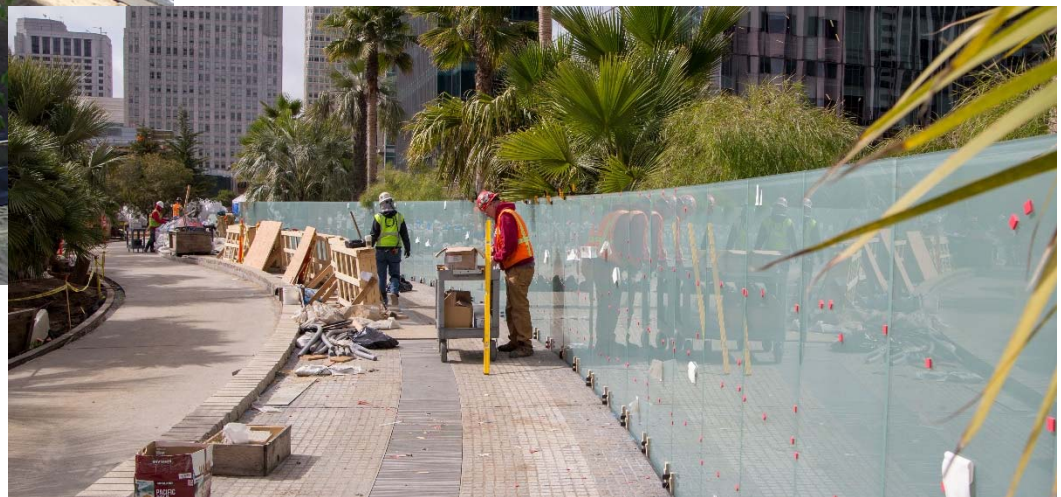


Rooftop Park –Landscaping



Rooftop landscaping mound

Bus Jet Fountain progress



Bus Deck - Drive Aisle ceiling and wall panels installed – Western Zone



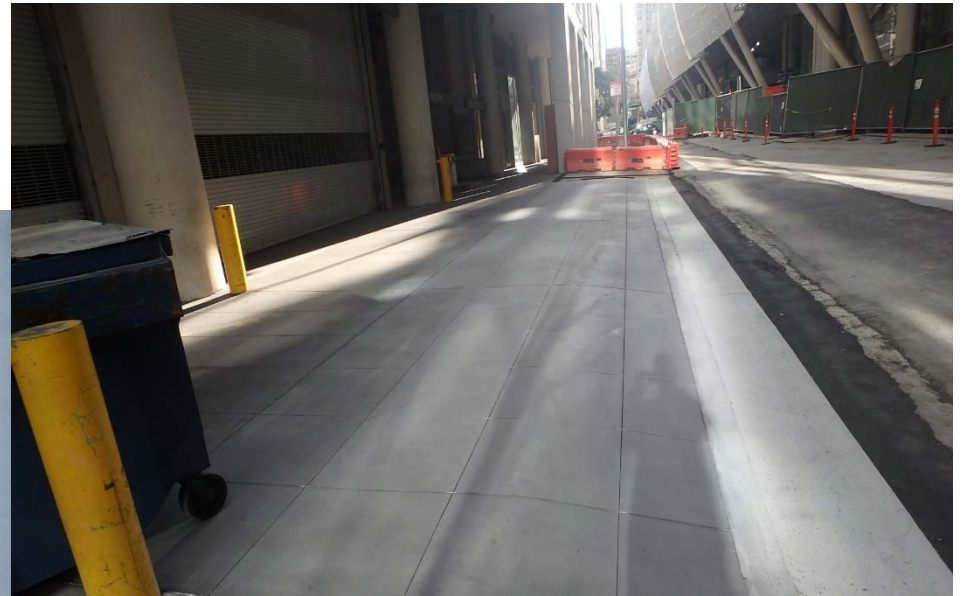
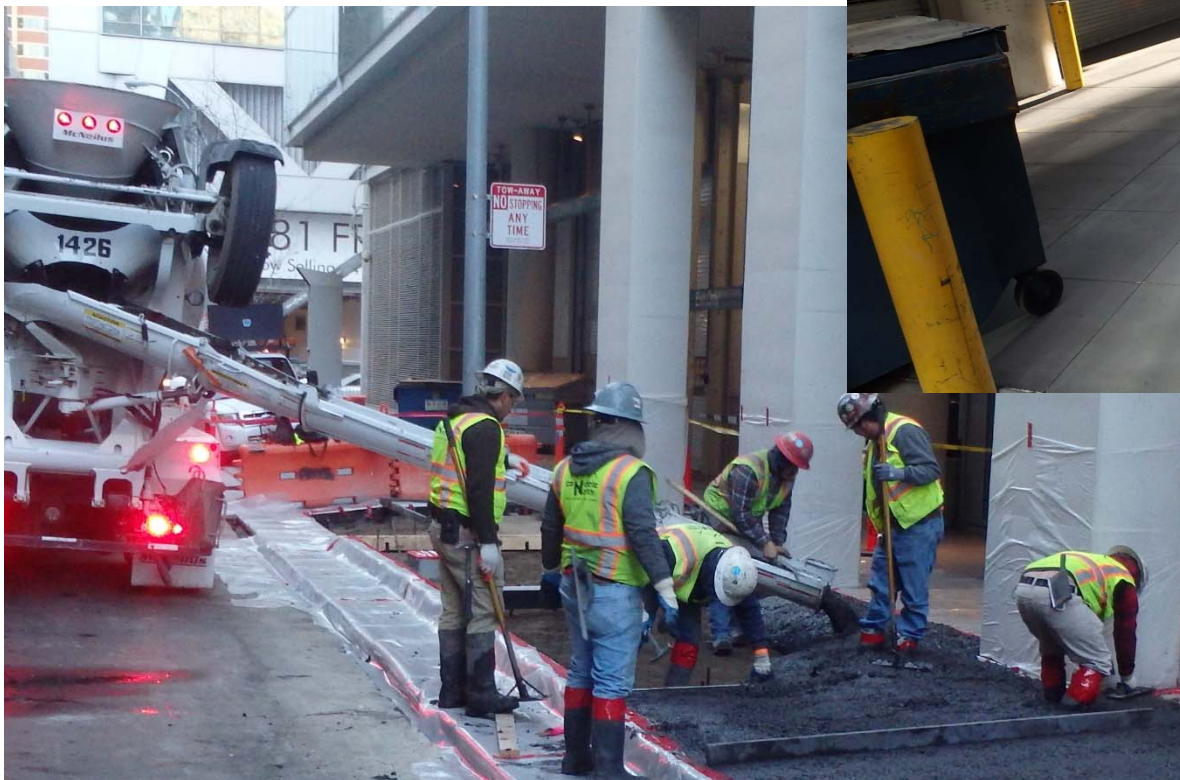
Bus Deck – Operator testing ongoing



AC Transit Bus Testing – including deployment of ADA ramps.

Construction progress – Central Zone

Natoma Street sidewalk, curb and gutter replacement- before and after.



Overhead progress – Cross Streets

Metal ceiling panel install at Fremont street.



OCS Poles and Traffic Signal Poles:

- Mission Street is complete and rewiring in progress.
- Fremont, First, Beale and Howard Streets are 90% complete.



Construction progress –Eastern Zone

Muni Bus Plaza – South side progress



Muni Bus Plaza and Fremont Street
storm drain connections

MUNI Bus Plaza – Operation



Fulton #5 Operating from the Muni plaza since December 26th.

System Start-Up and Testing in progress



Tenant Improvement Construction planning

Webcor Priority Room turnover to Lincoln Properties:

- Transit Center Mail Room #1380- Ground level.
- Greyhound Package Area Room #1221- Ground level.
- Greyhound [Amtrak] Passenger Waiting Area Room# 02220 – Level 2.
- Greyhound Passenger Service Room #3228 – Bus Deck level.
- Office Space - TJPA Offices Room # 02620- Level 2.

Lincoln Properties Room Buildout – Design Build:

- Architect is coordinating with Contractors for Design Build of HVAC and room buildout. MEP and architectural drawings to come.
- Room Turnover Work completion list and Punchlist coordination between Turner SPD and Webcor-Obayashi and Architects in progress.
- Outreach to SF Building Trades Council per PLA Project Labor Agreement completed.

Bus Storage Facility

Construction Progress

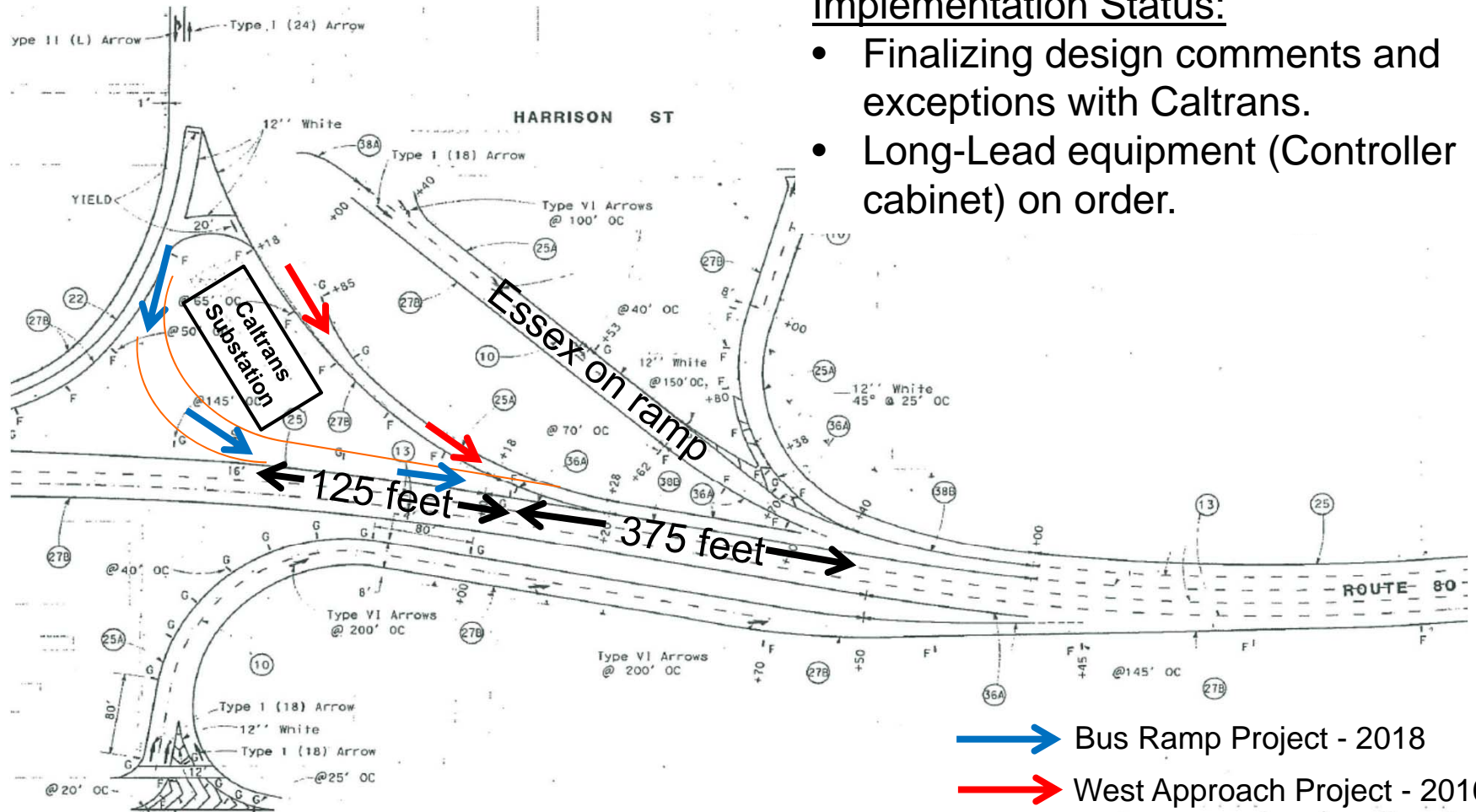
- Sound wall (noise attenuation) construction continues.
- Retaining Wall Rebar & concrete ongoing – 90% complete.
- MSE Mechanically Stabilized Earth walls in progress.
- Modular AC Transit Administration Building is under fabrication.



Bus On-Ramp Merge

Implementation Status:

- Finalizing design comments and exceptions with Caltrans.
- Long-Lead equipment (Controller cabinet) on order.



- Bus Ramp Project - 2018
- West Approach Project - 2010

Safety and Labor Statistics

Recordable & Lost Time Incidents:

WOJV Recordable Incidents this period February 2018:	0	WOJV Lost Time Incidents this period February 2018:	0
Total Recordable Incidents –Year 2018	0	Total Lost Time Incidents - Year 2018	0

WOJV Average Annual Recordable Incident Rate 2011 Through 2016	2.99	WOJV Average Annual Lost Time Incident Rate 2011 Through 2016:	0.33
Nat'l/ State Annual Average Recordable Incident Rate- Public Works 2011 Through 2016:	2.90	Nat'l/ State Annual Average Lost Time Incident Rate 2011 Through 2016:	1.36

Craft Hours:

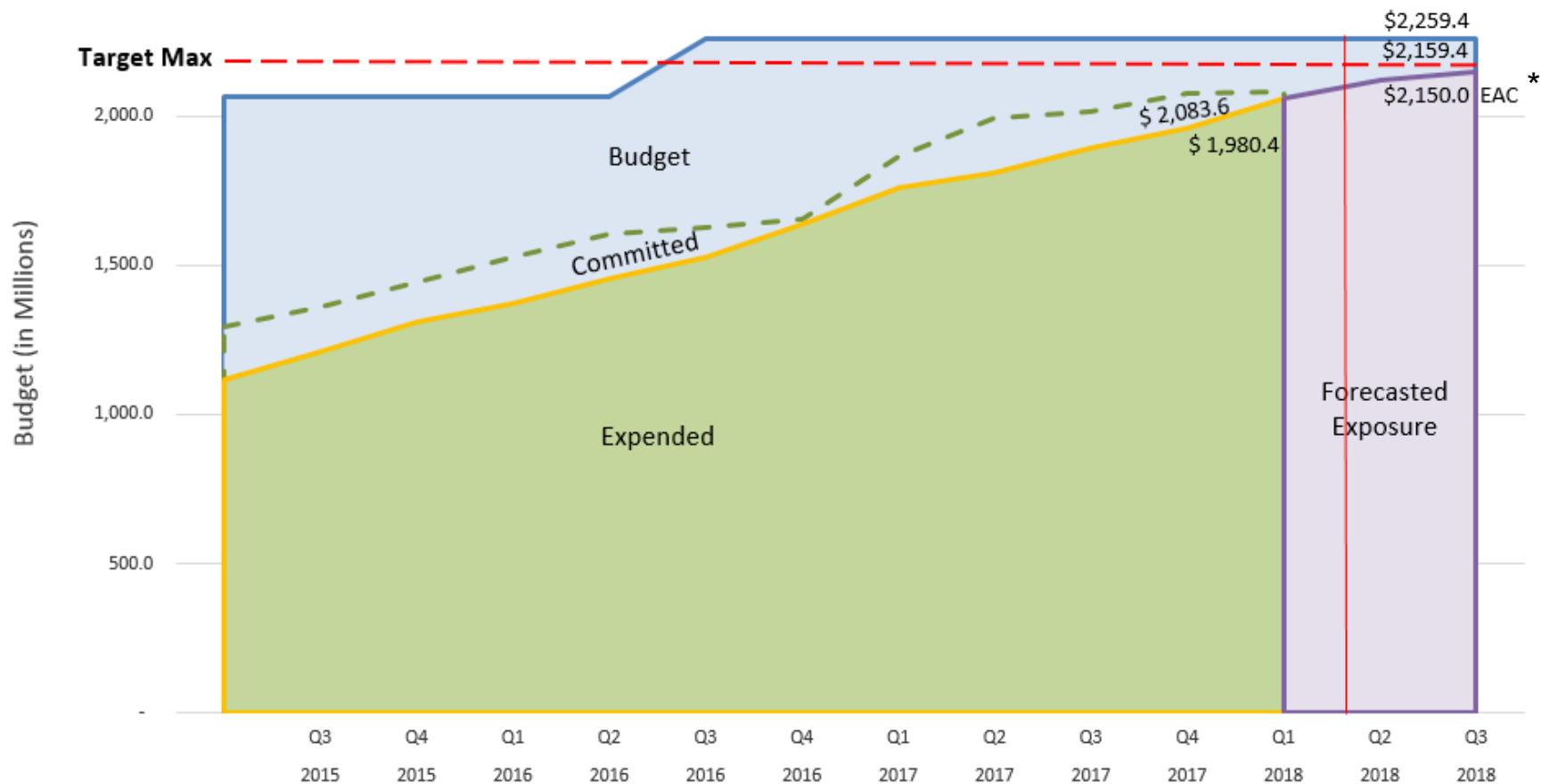
Total Transit Center Craft Hours 2011 - YTD 2018 :	Total Craft Hours February 2018:	Total Transit Center Craft Hours YTD 2018 :
4,747,947	164,145	265,637

Update Forthcoming – Risk
Assessment in Progress

Budget

Phase 1 - Transbay Program

Data thru: January '18



88% Program Budget
101% Contract Time

* Note: The EAC does not include the use of program reserve for tenant improvements or legal costs related to 301 Mission St.

Contingency Cost

Contingency Tracking (\$millions)

	Construction Contingency	CM/GC Contingency	Program Reserve	Total Contingency & Reserve
Baseline Budget Amounts	\$61.8	\$32.5	\$117.0	\$211.3
Contingency Usage Through Feb 2018	(\$45.6)	(\$5.5)	(\$26.2)	(\$77.3)
Remaining Baseline Budget Amounts (at Feb 2018)	\$16.2	\$27.0	\$90.8	\$134.0
Total Draws/Adds March 2018	(\$2.0)	(\$5.8)	(\$0.0)	(\$7.8)
Remaining Balances	\$14.2	\$21.2	\$90.8*	\$126.2

Uses of Contingency this period

Additional costs for temporary facilities, OCS fiberglass support system, Beale Street traction power, consolidation of Skanska costs, civil scope transfer from TG12.1 to TG07.6, added protection at grand hall due to schedule recovery and additional import/export for bus ramp structural backfill.

Forecasted Contingency Use

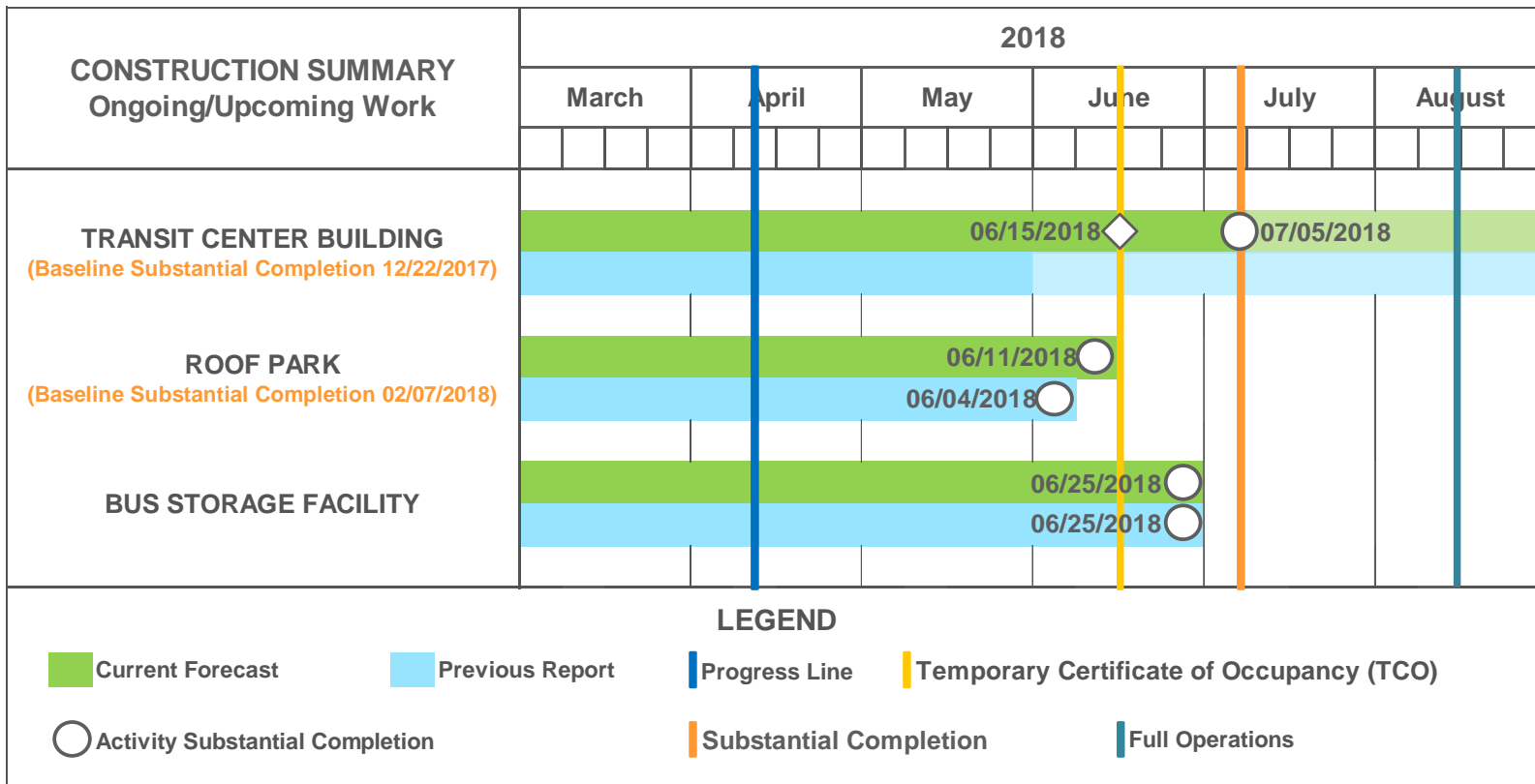
CM/GC: \$0.3M

Construction: \$2.5M

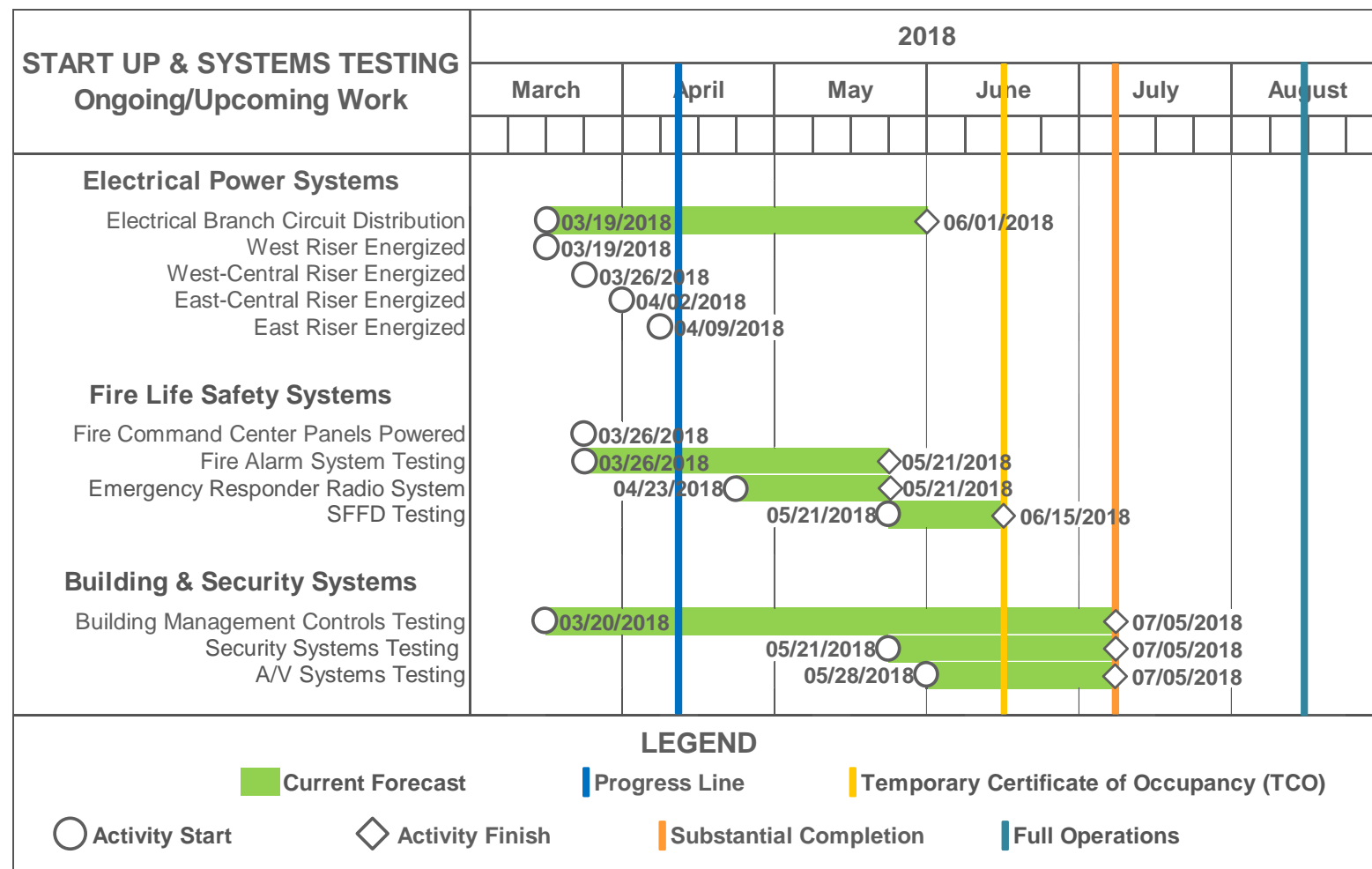
Program Reserve: \$0.0

*Note: Program Reserve balance of \$90.8 million assumed to include contingencies earmarked for tenant improvements and legal costs related to 301 Mission St.

Schedule

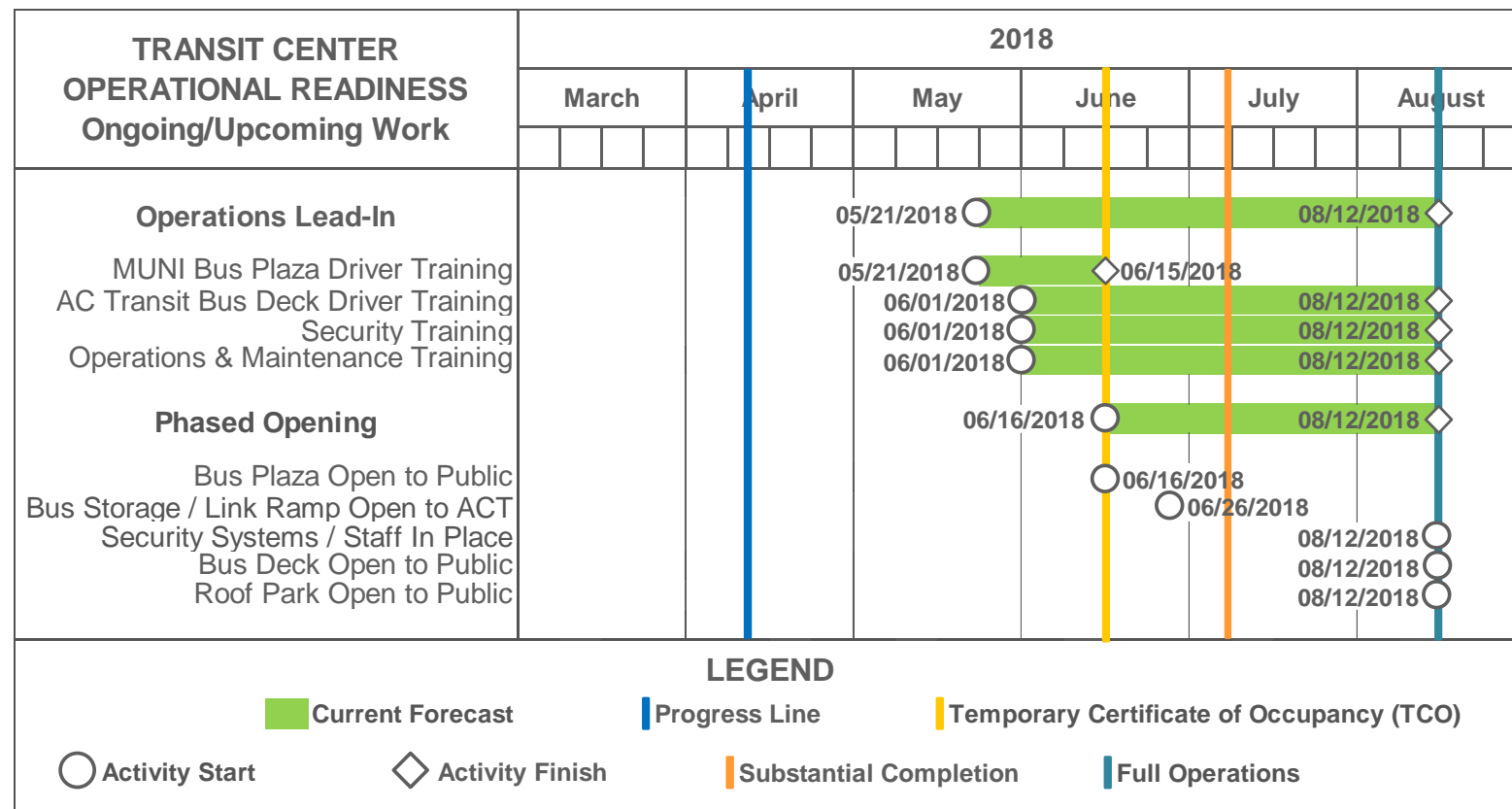


Schedule



TIME BETWEEN TCO & SUBSTANTIAL COMPLETION IS INSPECTIONS/CORRECTIONS.

Schedule



TIME BETWEEN TCO & SUBSTANTIAL COMPLETION IS INSPECTIONS/CORRECTIONS.

Schedule Risk

Recent Mitigation Measures

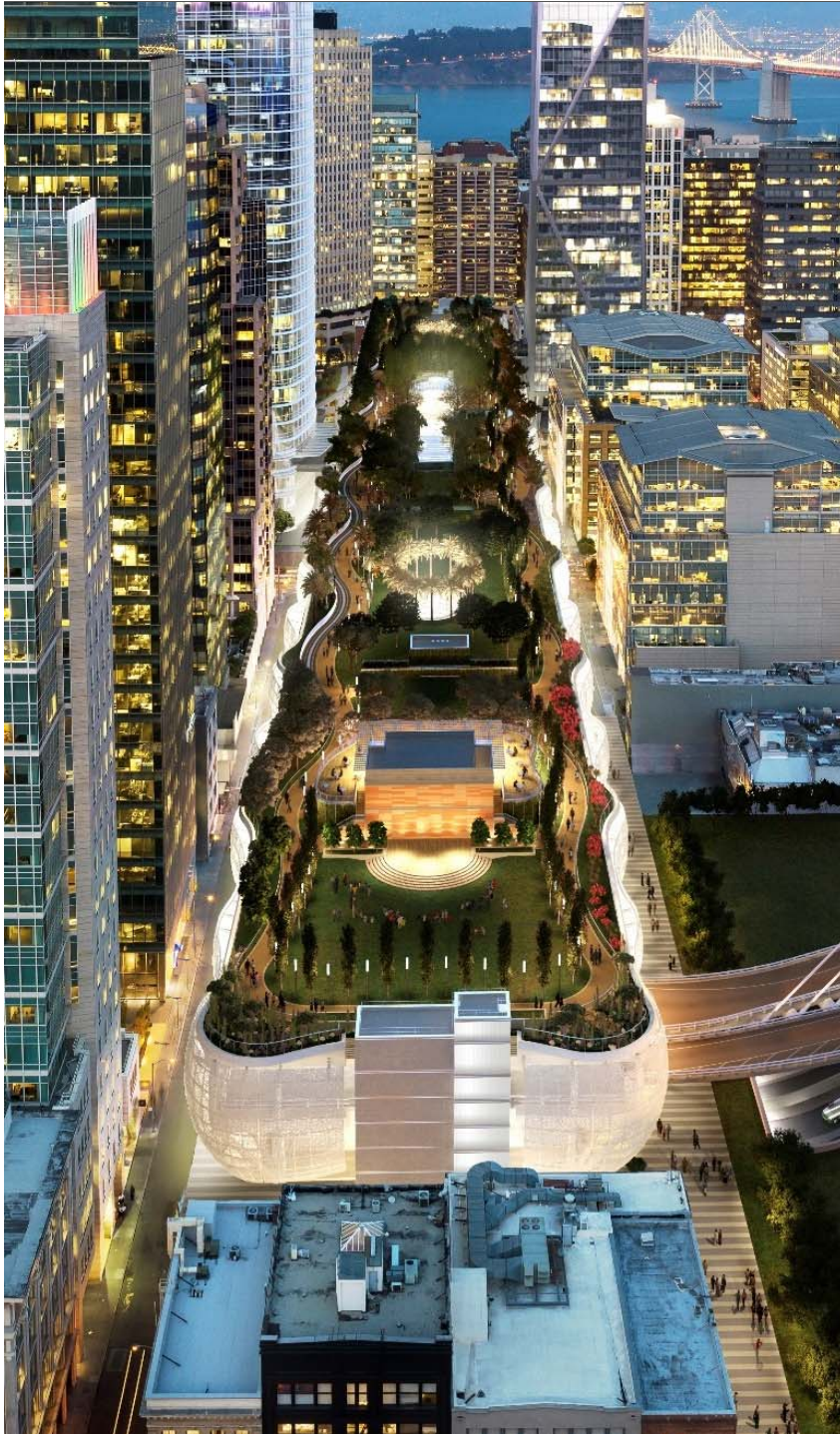
Due to the Continued Failure to meet Electrical Milestones:

- 30 Additional Rosendin Electric Electricians mobilized for State of Completion Assessment and increased management over Fisk.
- WPCS enlisted to provide for overall management over RSC and knowledgeable management of these systems installation.
- WOJV needs to develop a revised strategy for achieving a reliable and achievable schedule that will afford TJPA to advance Operational Planning with certainty.

Schedule Risk

WOJV to provide Electrical & Systems Schedule Refresh Strategy towards:

- Developing an Accurate State of Completion Assessment.
 - Rosendin Electric Field Validation of Fisk As-Built Drawings.
 - WPCS Evaluation of Status of Systems Installation.
- Establishing a Finalized Schedule Informed by Field Assessment with Subcontractor Buy-in.
- Submit Revised Schedule and Presentation to achieve Date Certain Substantial Completion Date and a Reliable Basis for Planning of TJPA Operations.



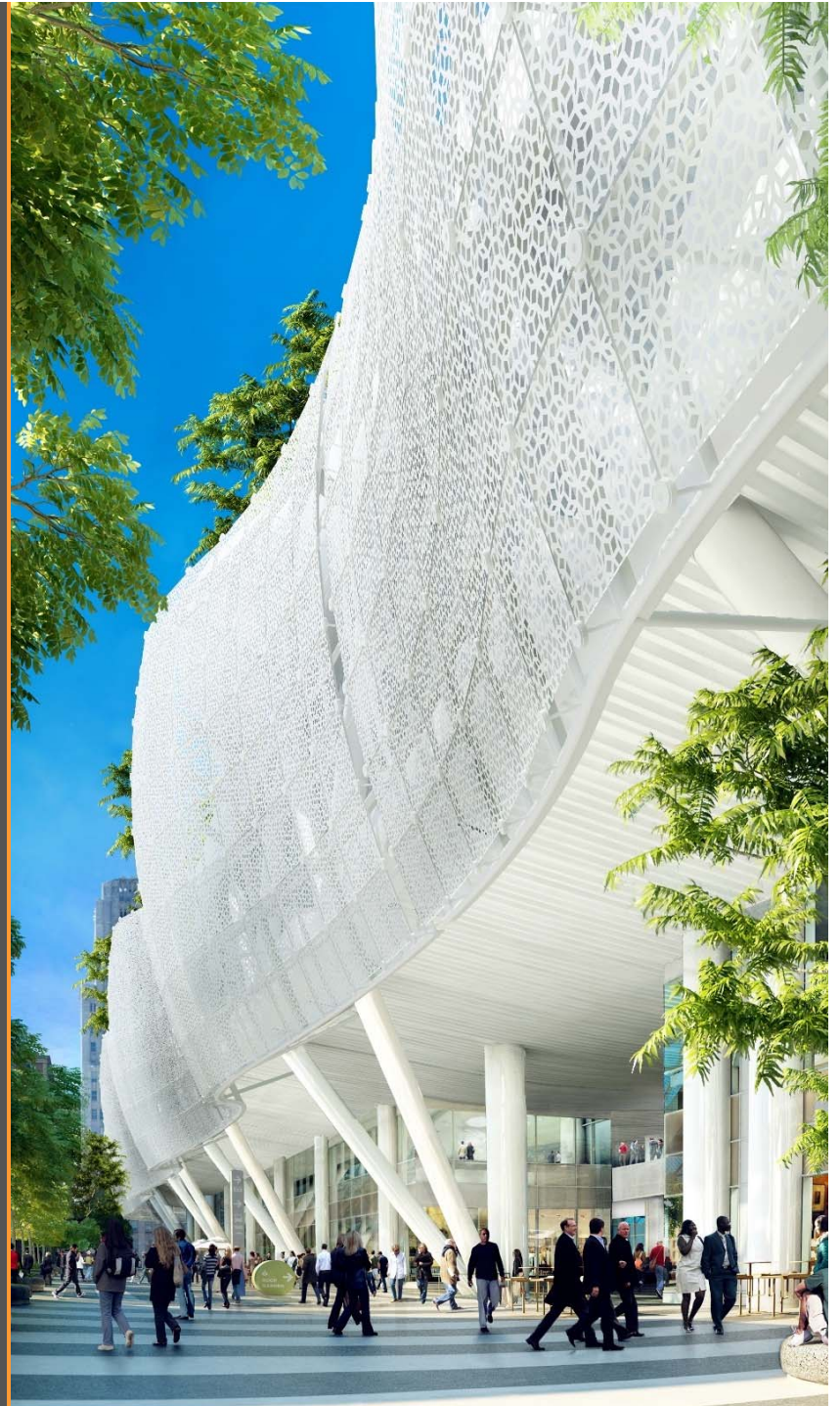
Questions?

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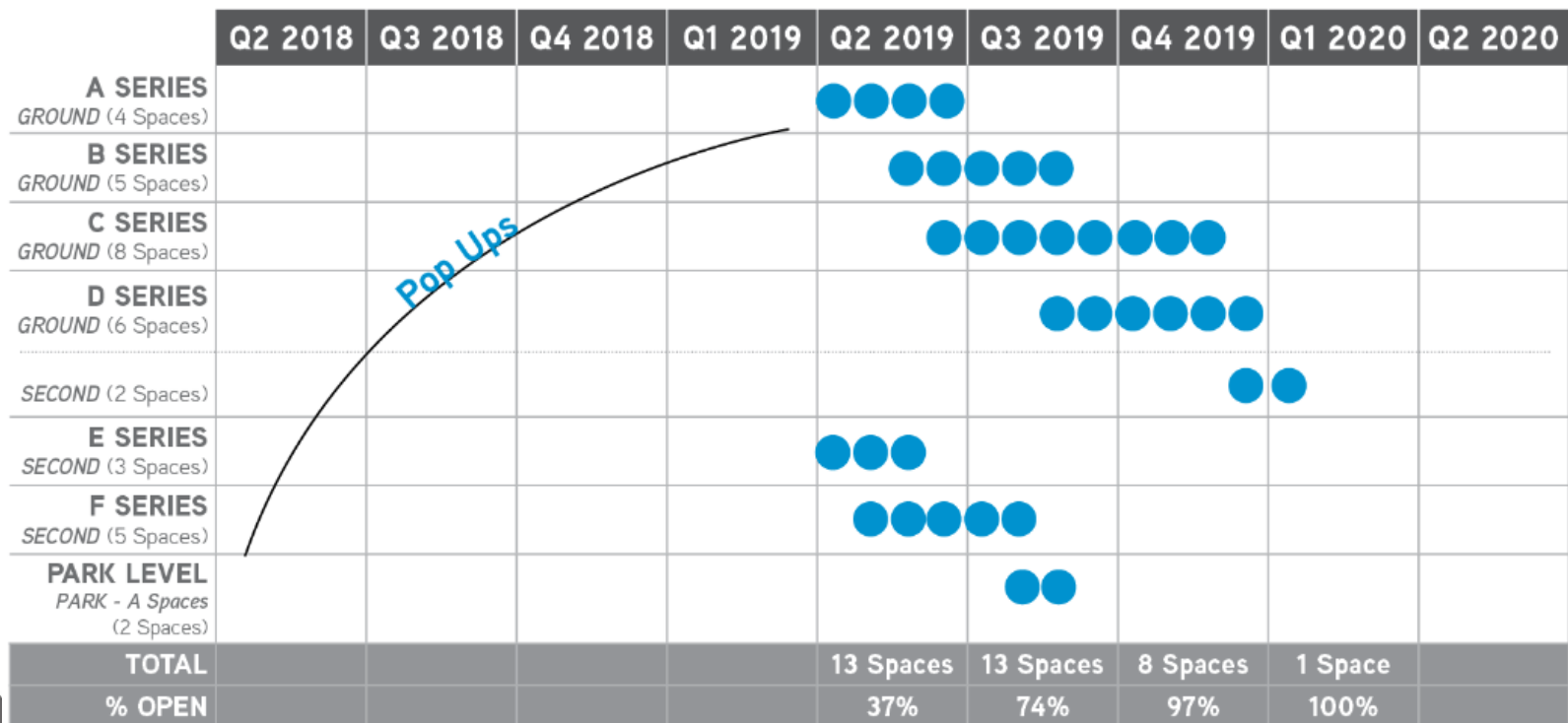
CRC Item No. 6 – April 5, 2018

Facility Readiness & Retail Update



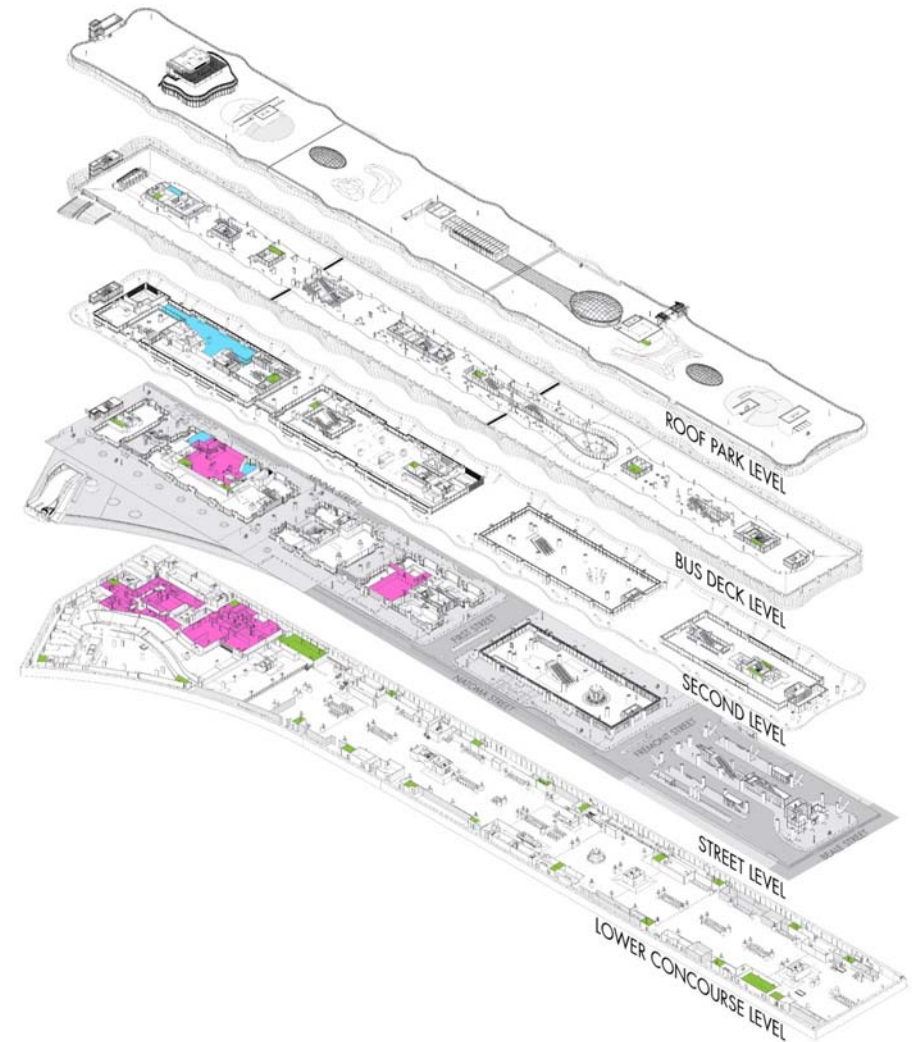
Colliers Progress Report By Stage

			Actual/Target*						YTD
		Stage	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	3.8.18
		LOI:	24/13	0/13	0/8	0/1			24/35
		On	Negotiate:		0/13	0/13	0/8	0/1	
Off		Sign:			0/13	0/13	0/8	0/1	0/35



Facility Readiness – Lincoln Tenant Improvements

- Greyhound/Amtrak
 - Greyhound/Amtrak awarded.
 - TJPA/Lincoln/Turner SPD & WOJV coordinating access
 - Complete mid-June at TCO
- Operational Areas
 - Mailroom equipment info received; converting info to construction docs for minor Lincoln work nearly complete
 - TJPA/Lincoln office bid package pending TJPA approval
 - Estimated TJPA/Lincoln offices completion is end of June
- Permitting
 - TJPA/DBI MOU nearly complete



Facility Readiness – Lincoln Tenant Improvements

Amtrak/Greyhound

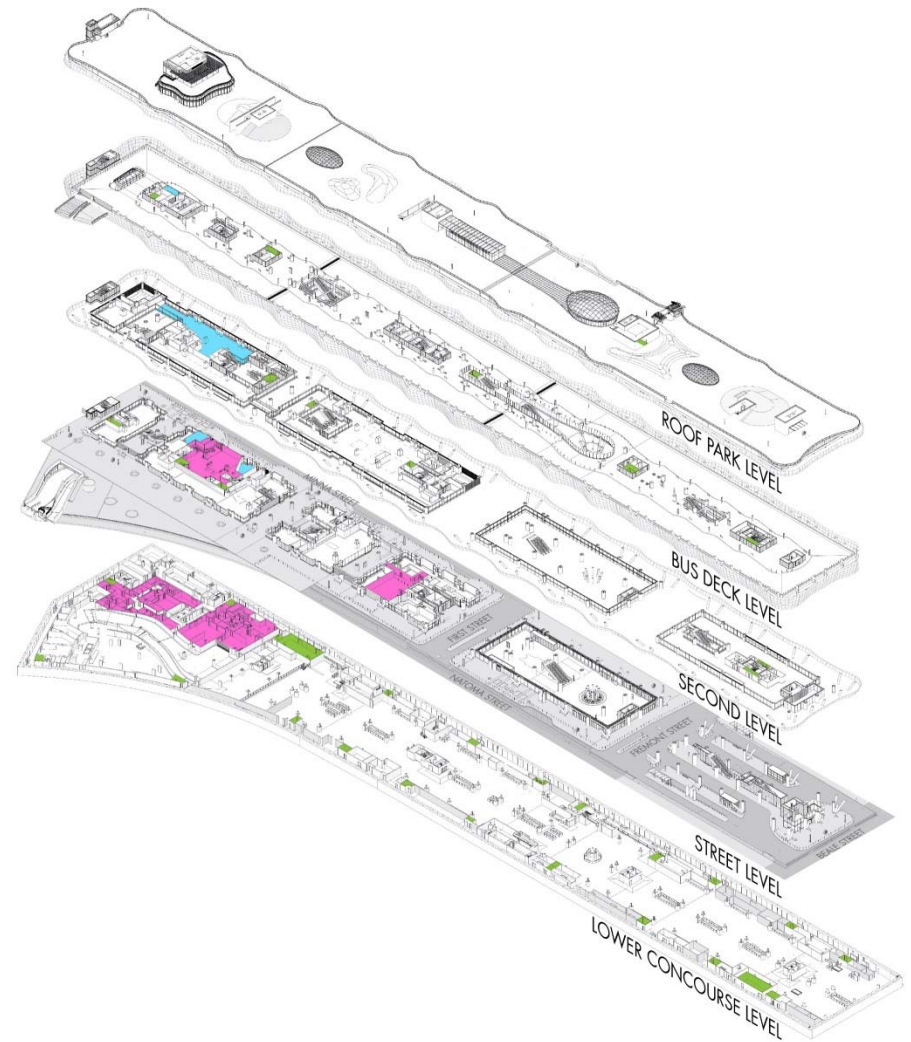
Budget: \$1,694,721

Low Bid: \$1,461,807

<u>Contract Work</u>	<u># of Bids</u>	<u>Low Bid</u>	<u>Mid Bid</u>	<u>High Bid</u>
Concrete - Topping Slab	3	\$ 80,849	\$ 133,342	\$ 153,823
Millwork	3	\$ 64,322	\$ 71,645	\$ 102,545
Doors, Frames, & Hardware	3	\$ 51,232	\$ 60,385	\$ 65,530
Glazing	3	\$ 34,401	\$ 74,091	\$ 75,000
Drywall	3	\$ 74,105	\$ 87,031	\$ 136,004
Tile	4	\$ 5,627	\$ 5,770	\$ 5,837
Accoustical Ceiling	4	\$ 35,887	\$ 41,843	\$ 42,185
Flooring	3	\$ 63,546	\$ 65,600	\$ 67,344
Toilet Partitions/Accessories	3	\$ 3,494	\$ 3,510	\$ 3,690
Fire Sprinklers	5	\$ 16,872	\$ 15,375	\$ 23,532
Plumbing	3	\$ 26,673	\$ 73,629	\$ 100,745
Painting	3	\$ 21,689	\$ 21,689	\$ 21,689
HVAC	5	\$ 183,931	\$ 221,240	\$ 329,434
Electrical	3	\$ 312,965	\$ 351,193	\$ 486,987
Total Primary Subcontractors	3	\$ 975,593	\$ 1,226,343	\$ 1,614,345
Other Expenses & Fees		\$ 486,214	\$ 553,249	\$ 656,978
Total Initial GMP Value		\$ 1,461,807	\$ 1,779,592	\$ 2,271,323

Facility Readiness – Lincoln Facility Maintenance

- Finalized key service contracts
- Branding exercise with marketing consultant underway
- Ordering equipment to start in April
- Planning operating procedures and protocols underway
- Coordinating with WOJV for commissioning observation; training to start in June
- Maintenance proposal to AC Transit for Bus Storage Facility in April



Facility Readiness – BRV Roof Park

- Finalizing initial programming and event calendars; pending opening date
- Finalizing park operational procedures: janitorial and landscaping
- Setting up procedural requirements for programming and events partners
- Revisiting Place of Entertainment framework; includes pricing menu
- Coordinating security program with Chief Security Officer pending opening date
- Solidifying initial bench of programming partners (approx. 15) pending opening date



Facility Readiness – Pearl Digital Media

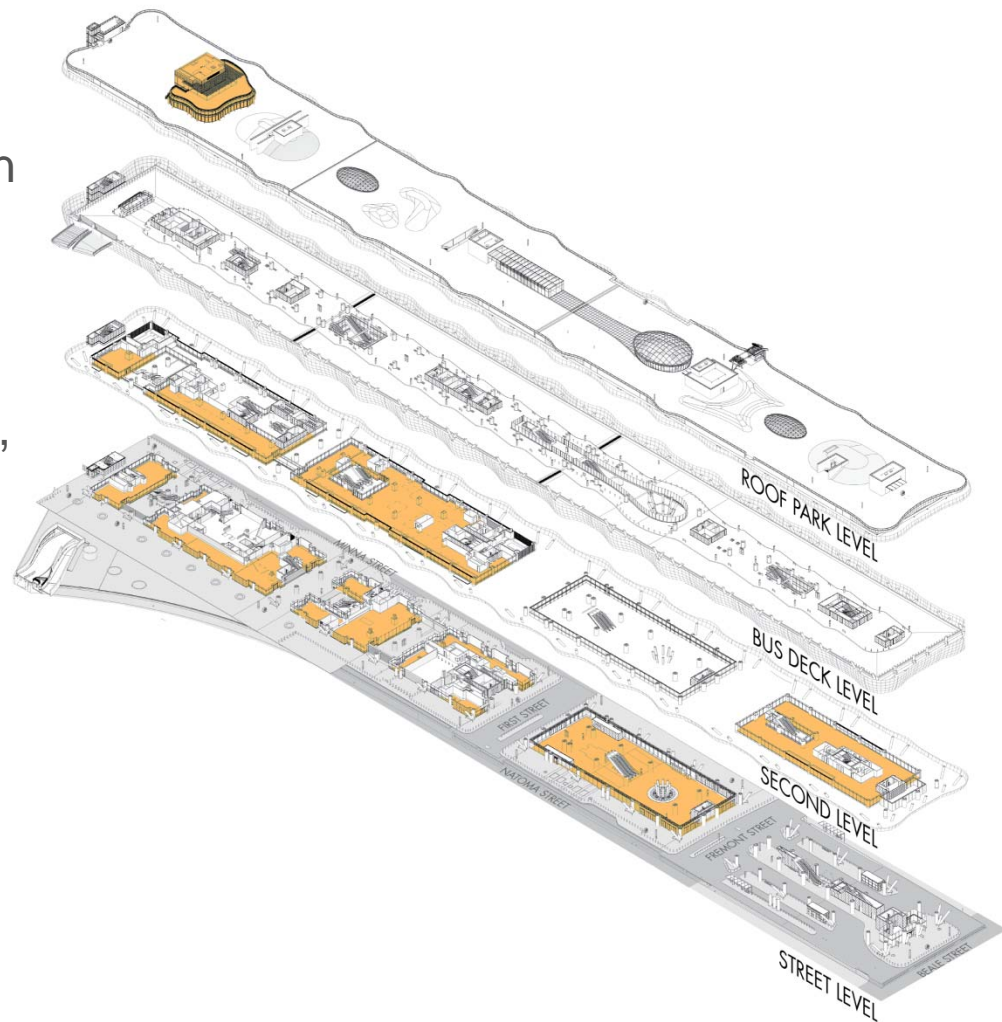
- Collaborating with transit operators and MTC-511 for transit information display is ongoing
- Sales packages being marketed
- Advertising sales are in process and campaigns will commence upon center opening
- Activating content management system pending receipt of media players by end of March triggering hardware and software testing, installation, further testing; dependent on WOJV installing and electrifying the kiosks
- Optimization planned for August



Facility Readiness – PRI Pop-Up Retail

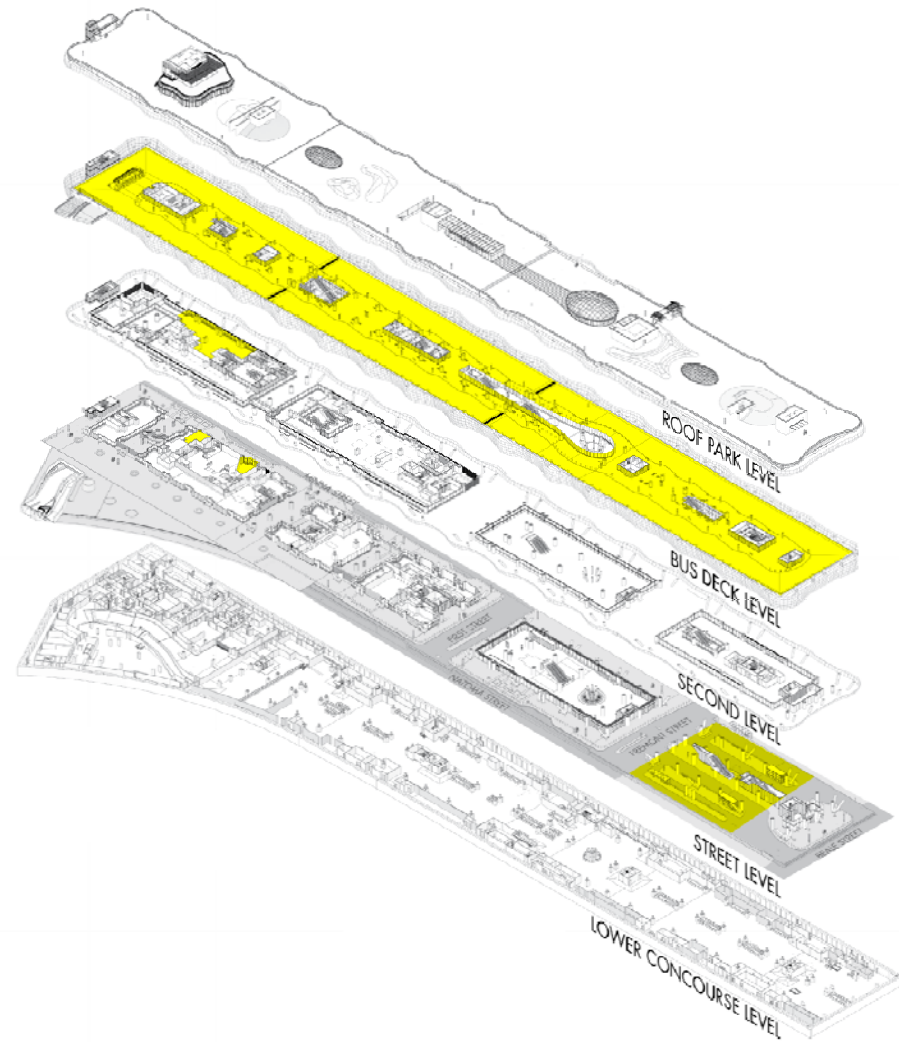
PRI:

- Completed comprehensive plan to include revenue projections; final presentation to TJPA in March
- Continue to market pop-up spaces with ongoing coordination with BRV, Pearl, and Colliers
- Finalizing agreements pending solid opening date

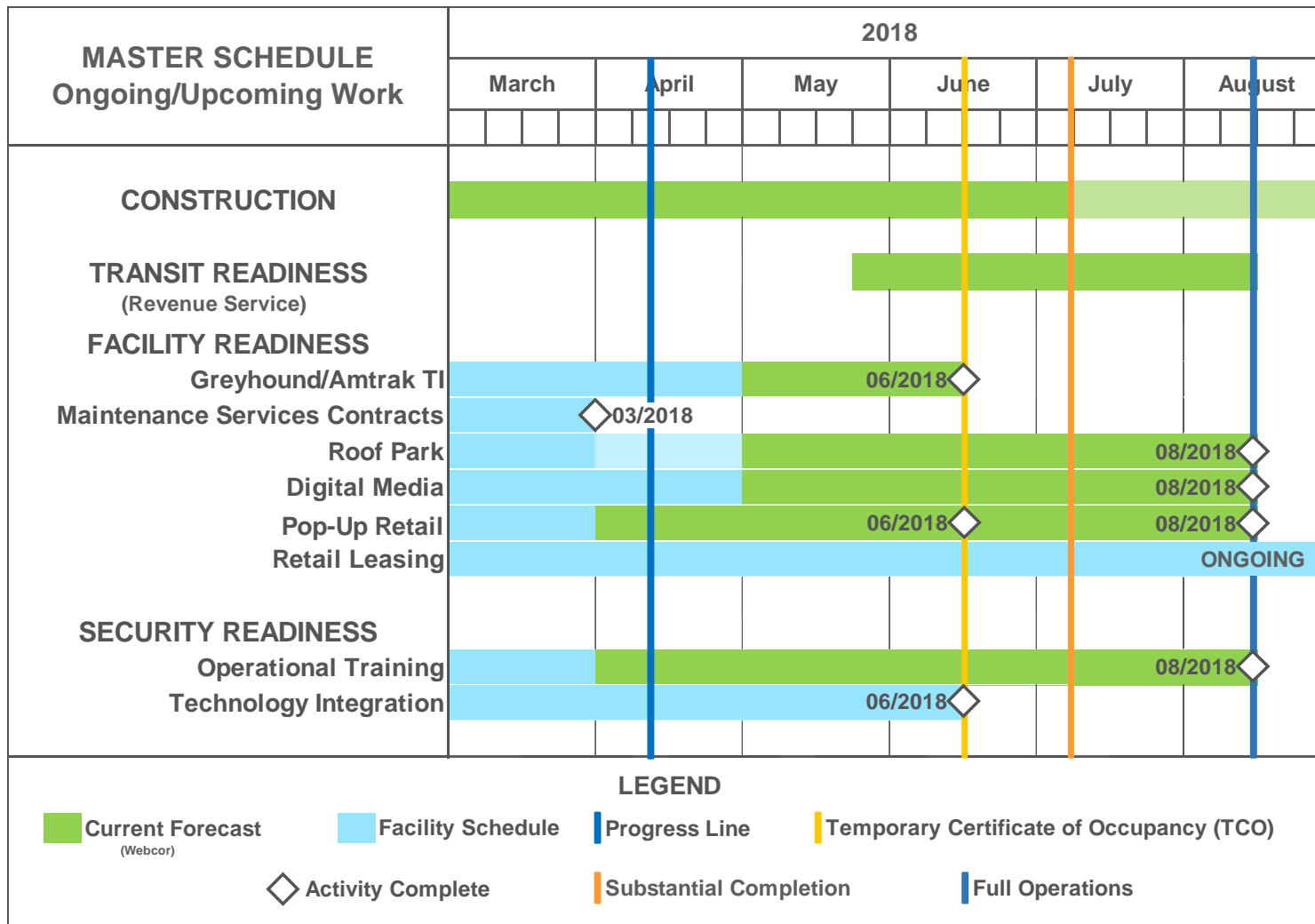


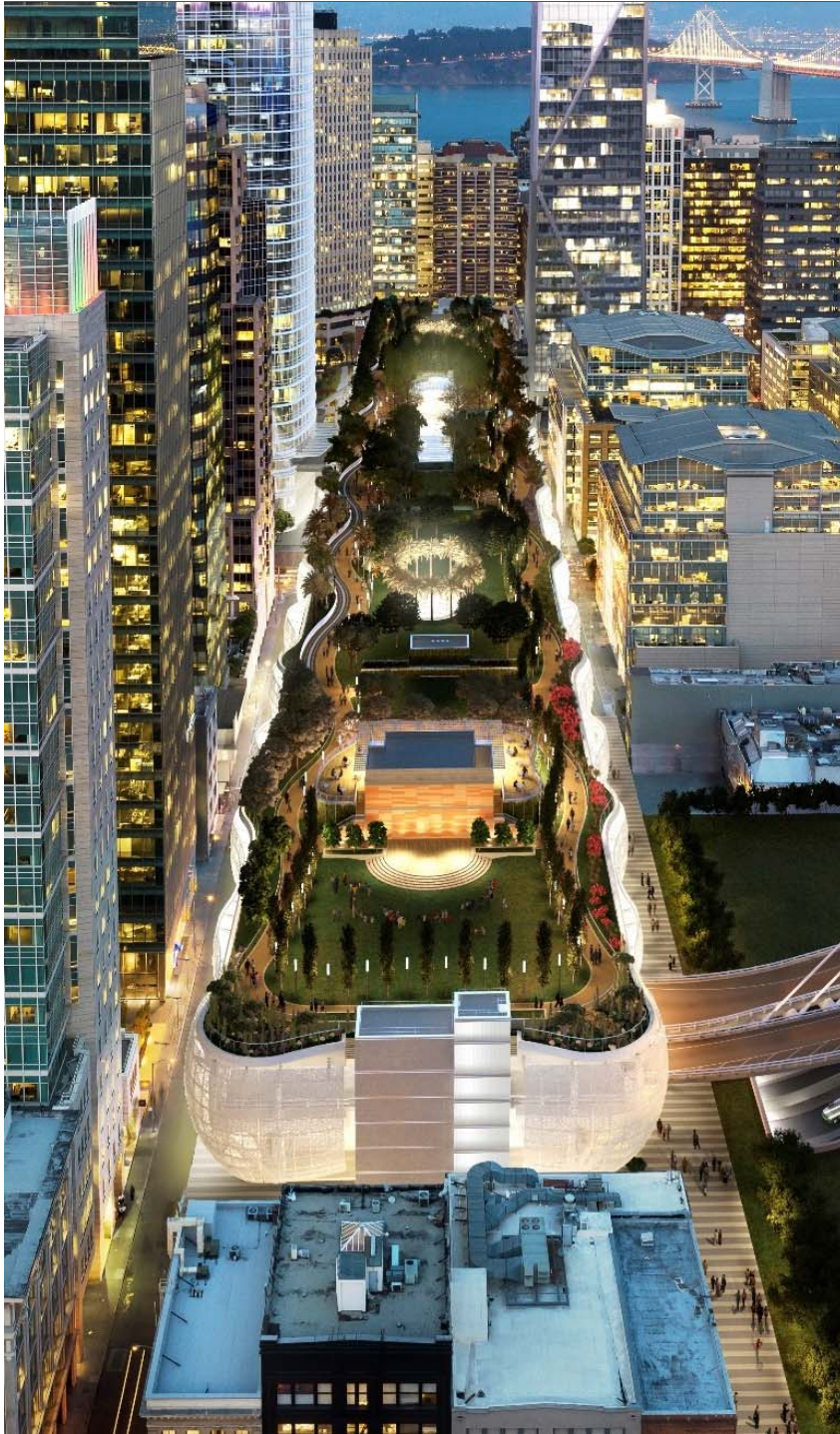
Facility Readiness - Transit

- Vacating temporary terminal notices to be revised in May
- SFTMA agreements for lease and ancillary agreements nearly complete; TJPA Board in May
- Working with AC Transit to support completing license agreement to include joint collaboration with Amtrak



Schedule





Questions?

TJPA
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Memorandum

To: Cost Review Committee

From: Ron Alameida, Director of Design & Construction for the Transbay Transit Center, SF Public Works
Dennis Turchon, Senior Construction Manager, TJPA
Sara DeBord, Chief Financial Officer, TJPA

Date: For the Committee Meeting of April 5, 2018

Re: Agenda Items 7-9

Agenda Item 7 – Funding Sources for Tenant Improvements

At the November 2017 Cost Review Committee (CRC) meeting, the CRC discussed TJPA's request to utilize approximately \$36 million in City Financing to fund base building improvements and tenant improvement (TI) allowances. While no formal action was taken, the CRC provided an indication that it would be comfortable with use of up to \$25 million in City Financing for these costs, and would further consider whether to fund the balance of \$11 million for building improvements and TI allowances.

At the February 2018 CRC meeting, the CRC held additional discussion regarding the use of City Financing for base building improvements and TI. TJPA and transit operators SFMTA and AC Transit continue to request the use of City Financing to fund all of the base/tenant improvements. Below is a schedule of anticipated commitments and expenditures for the estimated approximately \$36 million for these costs:

Estimated Schedule	Estimated Commitment	Estimated Cash Flow
1Q 2018	\$4,038,689	\$1,202,729
2Q 2018	1,594,207	2,471,982
3Q 2018	14,471,670	8,949,381
4Q 2018	8,707,848	5,591,374
1Q 2019	3,015,560	5,591,374
2Q 2019	-	1,141,259
3Q 2019	-	-
4Q 2019	3,659,290	3,460,030
1Q 2020	-	384,448
Total	\$35,487,263	\$35,487,263

TJPA requests that the CRC take formal action approving the use of up to \$25 million for these costs at this time, with the funding for the remaining balance to be tabled for further discussion later in calendar year 2018 as bids are received by the asset manager.

Agenda Item 8 – Expenditures and Commitments of Proceeds of the City Financing that Require CRC Approval

Commitments

The CRC has previously given authorization for TJPA to issue commitments (budget appropriations) for various construction, construction administration, and legal costs of up to \$175 million in City Financing proceeds, and draws of up to \$145 million. As stated above, the CRC gave an informal indication that it

would take a future approval action for up to \$25 million of City Financing proceeds to be spent on base building improvements and tenant improvement allowances necessary for retail at the transit center. The commitments through March 28 are shown below, representing an approximately \$2 million increase since the previous meeting.

Scope/Trade Package/Contract	Type¹	Committed
Transit Center Design Team Construction Admin	NTP	\$1,663,000
Various Logistics Packages	NTP / CCOs	16,354,763
TG07.2 Superstructure Concrete	CCO	961,995
TG07.3 Miscellaneous Metals	CCOs	133,155
TG07.6 Concrete Topping Slabs/Rails/Joints	NTP	10,471,645
TG08.2 Exterior Awning	NTP	9,646,200
TG08.6 Metal Ceilings	NTP/CCO	4,849,094
TG08.11 Glass Curtain Walls/Skylights	NTP	14,375,033
TG10.3 Heating Ventilation Air Conditioning	NTP/CCO	617,105
TG10.4 Electrical/Communications	NTP	15,483,683
TG12.1 Civil/Sitework at Grade	NTP	5,940,471
TG13.1 Roof Park Landscaping & Irrigation	NTP/CCO	11,560,188
TG13.2 Roofing/Waterproofing	NTP	3,097,935
TG16.0 - Interiors/Finishes	NTP	11,324,678
TG16.8 Fireproofing/Intumescent Spray	NTP	1,848,936
TG18.1 Bus Ramps	NTP	5,220,650
Enhanced Commissioning	NTP	50,000
Physical Security Information Management System	NTP	2,339,681
SFPUC Permanent Power	Power Agreement	1,079,859
Seyfarth Shaw / Jones Day; Construction/ Litigation Counsel	RFS	4,537,559
Public Art Program	Artist Contracts	855,500
Bus Storage Construction	NTP	22,746,723
Bus Storage Construction Admin & Construction Mgmt	NTP	528,993
Other Bus Storage costs, incl. permits	Other	448,301
Base Bldg Improvements: Amtrak/Greyhound space design	Other	113,868
Subtotal		\$146,249,015
Costs of Issuance		1,177,314
Total		\$147,426,329

Draw Requests

TJPA draws totaling \$103 million, as reported at the February CRC meeting, remain unchanged. Draws on the City Financing are not currently being requested, as TJPA is utilizing bond proceeds from the

¹ NTP – Notice to Proceed. CCO – Contract Change Order. RFS – Request for Services

Community Facilities District prior to reverting back to use of City Financing. An updated cash flow projection for project costs will be provided at that time.

Agenda Item 9 – Opportunity to Comment on Contracts, Change Orders and Contract Amendments that Require CRC Review

Professional Services Contract Amendments above the \$250,000 Threshold and/or to be funded with City Financing

Program Management and Program Controls Professional Services (Agreement No. 13-02-PMPC-000):

In July 2014, following a formal procurement process, TJPA and URS (now AECOM) entered into an agreement for AECOM to continue in its role as TJPA's Program Management/Program Controls (PMPC) consultant. PMPC services include project management, design management, budget and scheduling monitoring, risk management, stakeholder and agency coordination, document control, and program-wide quality assurance/quality control. The original contract amount of \$21,760,000 was based on services for Phase 1 through December 2017. Between July 2014 and March 2017, two contract amendments were approved. The first changed key personnel only and did not affect the contract value. The second amendment increased the original contract amount by \$5,400,000, for a revised contract value of \$27,160,000. That contract amendment addressed the following scope changes:

- | | |
|---|--------------------|
| • Extension of services from January 2018 through June 2018: | \$2,100,000 |
| • Continued support services for Phase 2: | \$1,760,000 |
| • Additional work not anticipated during original negotiations: | <u>\$1,540,000</u> |
| | \$5,400,000 |

The budget and contract expiration date of June 2018 for PMPC services in Contract Amendment No. 2 were based on a Substantial Completion date of December 2017 in the construction schedule. As the Construction Manager/General Contractor (CM/GC) has not met the Substantial Completion milestone and has indicated that it anticipates Substantial Completion in June 2018, TJPA has updated the forecasted level of effort for PMPC services for Phase 1 through December 2018. The updated forecast anticipates continued project management, budget and scheduling monitoring, risk management, and other PMPC services necessary for the close-out of Phase 1 of the Transbay Program. Phase 2 PMPC services will be needed through June 2019 to manage completion of the balance of the 30% preliminary engineering (PE) design documents for the Downtown Rail Extension (DTX) alignment, which will also incorporate recommendations to minimize cut and cover work from the recently completed Tunnel Options Report and SFCTA Peer Review Panel Report on the DTX rail operations study.

Staff is negotiating an amendment to the AECOM contract and will be recommending approval to the TJPA Board in April or May for amounts not-to-exceed the below:

- | | |
|--|--------------------|
| • Phase 1 extension of services through December 2018: | \$1,500,000 |
| • Phase 2 extension of services through June 2019: | <u>\$3,700,000</u> |
| | \$5,200,000 |

There is still a balance in the Phase 1 PMPC budget and so a draw from Program Reserve is not being requested. The Phase 2 services fall under the Phase 2 budget and will be covered with Phase 2 funding sources.

Construction Management Oversight Services (Agreement No. 09-08-CMO-000):

In June 2010, following a formal Request for Proposals process, TJPA awarded a contract to Turner Construction Company, for Construction Management Oversight (CMO) services for a lump sum amount of \$38,500,000. The CMO agreement included the following services: preconstruction services for the transit center; monitoring and documenting the progress of the CM/GC; providing project communication, documentation, record keeping, cost and schedule management, technical support, environmental monitoring oversight, coordination with other agencies; administration of the CM/GC and demolition contracts; progress reporting; and quality assurance services (testing and inspection). These services are necessary for any construction project, and on a federally funded project must be performed by a contractor that is independent of the contractor performing the construction work.

The original agreement had a term of six years with options to extend for an additional three one-year periods. Between July 2014 and June 2016, four contract amendments were issued, summarized in the table below:

<u>Date</u>	<u>Modification No.</u>	<u>Description</u>	<u>Amount</u>	<u>Cumulative Total</u>
6/10/2010	Original Contract		\$ 38,500,000	
7/1/2014	Amendment No. 1	Revised Calculation of Charges	\$ -	\$ 38,500,000
7/9/2015	Amendment No. 2	Amended Article 5, Compensation	\$ 7,480,000	\$ 45,980,000
9/10/2015	Amendment No. 3	Amended Article 5, Compensation	\$ 11,200,000	\$ 57,180,000
6/9/2016	Amendment No. 4	Extended contract duration by two years, revised overhead and maximum billing rate, revised fee	\$ 15,320,000	\$ 72,500,000

Note that this contract was entered into prior to the official incorporation of the train box into the Phase 1 schedule. Two of the three options were exercised per the Board's action in June 2016, extending the term through June 30, 2018. There is one option year left on the agreement.

The addition of approximately 7-8 months of unanticipated construction activities requires the CMO contractor to perform its required duties beyond the date anticipated at the last amendment. A one-year extension and an increase of \$2.5 million is recommended by TJPA staff, which will come from Program Reserve.

Information Technology Support Services (Agreement No. 13-01-ITSS-002):

In July 2013, following a competitive process, TJPA awarded a contract to Decision Consultants Inc. (DCI), a Disadvantaged Business Enterprise, for IT support. In September 2015, the TJPA IT Manager left to seek other employment opportunities, and DCI took over maintaining network systems, email accounts, helpdesk, and other technology support services to support TJPA staff and onsite consultants, in lieu of filling the staff vacancy. The TJPA Board approved a contract increase from \$100,000 to \$260,000, and an extension from July 2016 to July 2018 in June 2016.

TJPA conducted a search in late 2017 for a Senior IT Manager to develop and implement the IT strategy for the transit center, coordinating with the operational needs of the facility, and ensure that all necessary systems are in place. At this time, a viable candidate has not been identified, and staff is proposing to the TJPA Board that DCI be utilized as an interim chief information officer until such time as appropriate staff is hired. This will increase the DCI contract by one year, and \$250,000.

Construction Change Orders above the \$250,000 Threshold and/or to be funded with City Financing

The following are new change order requests (CORs) and construction change orders (CCOs) since the last CRC meeting:

Transit Center

TG04.2 – UR-Mission St. AWSS

COR CR T-383.A– Traction Power - \$6,500,000

This change order had been previously submitted to the CRC for a not-to-exceed (NTE) of \$5,500,000, but has increased to \$6,500,000 after additional scope was added. Increased scope includes additional work required by San Francisco Municipal Transportation Agency (SFMTA). Some requirements include T-trench pavement restoration, providing standby crews for SFMTA to access existing vaults facilities, installing temporary reflective striping tape, and coordination with SFMTA for cable reassignment. This change has been categorized as Scope Procurement. This CCO request to the Cost Review Committee is for an NTE amount of \$6,500,000.

TG10.4 – Electrical

COR 312695 – E2 Pylon Louvers and Frosted Lens - \$595,000

This COR had previously been submitted to the CRC for an NTE amount of \$580,000, but has increased to \$595,000 after the final COR submission, which includes final invoices for the additional louvers and frosted lens at a slightly greater amount than what was projected. This change order is part of a \$1.4 million value engineering item, and the project will still achieve savings of approximately \$805,000 for this scope of work. This change has been categorized as Scope Procurement. This CCO request to the Cost Review Committee is for a net NTE amount of \$595,000.

COR 311155-1 – ASI 143 – Incorporation of Phase 1.5 Converge Network Package- \$1,200,000

This change order had been previously submitted to the CRC for an NTE of \$300,000, but has increased to \$1,200,000 after the final change order request was submitted. ASI 143 was issued by TJPA to accommodate for the projected Phase 1.5 Converged IP Network needs. This change incorporates items such as the Grand Hall Scheduling Board and its associated conduits, cabling, and IDF Room; expansion of the WAP system; expansion and relocation of the Distributed Antenna System (DAS) Antennas; and equipment changes to optimize current technologies. Additional Request for Information (RFI) were submitted after the ASI was issued that added additional power and data to the impacted rooms. The costs of the RFIs were included in the cost proposal in addition to ASI 143 scope. This change has been categorized as Scope Procurement. This CCO request to the Cost Review Committee is for an NTE amount of \$1,200,000.

TG05.10 – Temporary Facilities

COR – Additional Temporary Facilities for Phased Completion (for June-August, 2018) - \$3,350,000

This COR is for the anticipated closeout of the Temporary Facilities trade package and the anticipated general conditions support past May 2018, in follow up to the previous request at the February 2018 CRC meeting. That request covered five months past the Construction Manager/General Contractor (CM/GC) contractual Substantial Completion date of December 2017, and this request aligns with the current schedule that the CM/GC is representing for Substantial Completion—June 2018. The original COR was for additional temporary facilities, quality assurance and quality control surveying, traffic control, jobsite gate monitoring and maintenance. This request includes the same services, which are now expected to continue until August 2018. Ultimate responsibility for these costs is disputed, as is the cause of the delays. TJPA and the

CM/GC thus are requesting use of CM/GC Contingency to ensure timely payment to the subcontractors while this dispute is resolved. This change has been categorized as Scope Procurement. This request to the committee is for an NTE amount of \$3,350,000.

Bus Storage Facility

CCOs #36, 37, 42, 44, 45 – Additional Miscellaneous Electrical Items and modifications related to the Administration building

Due to code compliance issues, requests from the transit operators, and various errors and omissions, the following miscellaneous electrical and various modifications related to the AC Transit administrative trailer are being added: LED upgrades, additional conduit, beacons, PG&E feeder, additional electrified hardware for interior doors, prep for added card readers, providing two 3-ton HVAC units in lieu of one 2.5-ton HVAC unit, revised electrical panel design, and additional lockers in the administrative building. The NTE amount requested for these new CCOs adds up to \$115,422. These changes have been categorized as Owner Requested (originated by the transit operators) and Errors & Omissions for the individual items on the log.

CCOs #30, 31, 32, 34, 35, 39, 40 – Miscellaneous site work modifications in various locations

Due to various conflicting grade issue and existing site condition conflicts, modifications are required to site work elements such as drainage systems, restaking MSE and retaining walls, added paving and barrier modifications and added scope to the site. The NTE amount requested for these new CCOs adds up to \$182,284. These changes have been categorized as Owner Requested and Changed Conditions for the individual items on the log.

CCOs #28, 33, 38 – Miscellaneous changes related to schedule mitigation

Due to various needs to maintain schedule from TJPA impacts along with unexpected needs of various construction activities that were not identified in the contract documents, mitigations have been identified such as premium time for falsework removal as there were additional restrictions from SFMTA, site work stage construction requiring certain areas to be freed for owner activities sooner than per contract or R/W conflicts with construction limits. The NTE amount requested for these new CCOs adds up to \$35,750. These changes have been categorized as Owner Requested and Changed Conditions for the individual items on the log.

CCO #41 – Repair High Mast Feeder

Existing High Mast lighting is a safety element of the Bus Storage Facility, but one of the existing light structures was found to be inoperable. After an investigation, it was found that the conduit/conductor feeder to the High Mast light was damaged at 2nd street. This change order is to repair the feeder line. The NTE amount requested for this CCO is \$40,000. This change has been categorized as Owner Requested.

CCO #43 – Additional Soundsorb Cladding

The contractor is requesting a change order to cover the soundsorb cladding quantities that are claimed to be above the contract amount. The top of the wall did not change as it is tied to the Stillman street grade, but the barrier elevation on the BSF side is lower than per contract and has created additional quantities of cladding as per the contractor's claim. This potential change has not had a determination of merit yet. The NTE amount requested for this item is \$26,000. This change has been categorized as a Changed Condition for the log.

The attached change order logs provide further detail on all CCOs presented to the CRC to-date.

Trade Package	CCO/CR No.	Total Value	Date submitted to CRC	Date No Exceptions Taken by CRC	Amount No Exceptions Taken by CRC	CCO Final Approved Amount	CCO Category	Contingency Source	Fund Source	CCO Issue
Owner Requested										
7.2	COR 310937	\$800,000	8/31/2017	8/31/2017	\$800,000		Owner Requested	TJPA	TIFIA	Pour backs for curbs, other curb issues related to W2 system, General Closeout Items
10.4	COR 310485	\$7,400,000	2/16/2018	2/16/2018	\$7,400,000		Owner Requested	TJPA	CFD	ASI 131 "No Fly Zone"
Errors & Omissions										
7.2	COR	\$3,000,000	11/10/2017	11/17/2017	\$3,000,000		Errors & Omissions	TJPA	CFD	General Closeout Items
7.2	COR	\$310,000	8/31/2017	8/31/2017	\$310,000		Errors & Omissions	TJPA	CFD	Escalator Issues - Added Mid-Span Support.
10.2	COR	\$1,010,000	11/10/2017	11/17/2017	\$1,010,000		Errors & Omissions	TJPA	CFD	Gray Water System Clarification RFI
10.2	COR	\$450,000	11/10/2017	11/17/2017	\$450,000		Errors & Omissions	TJPA	CFD	RFI T-6805 Wrapping Fuel Oil Piping in Lieu of 2 Hour Enclosure
10.4	COR 312719	\$350,000	2/16/2018	2/16/2018	\$350,000		Errors & Omissions	TJPA	CFD	IDF Room Build-out
10.4	COR 312021	\$760,000	2/16/2018	2/16/2018	\$760,000		Errors & Omissions	TJPA	CFD	RFI T-5960 Added Door Power
10.4	COR 311110	\$325,000	8/31/2017	8/31/2017	\$350,000		Errors & Omissions	TJPA	CFD	TG10.4 ASI 141 Electrical Changes
10.4	COR 311105	\$2,300,000	11/7/2016	11/18/2016	\$2,300,000		Errors & Omissions	TJPA/CMGC	CFD	Hardened Conduit RFI T-3669
13.1	COR 311561	\$350,000	8/31/2017	8/31/2017	\$350,000		Errors & Omissions	TJPA	CFD	Shoe Design Changes at Bus Fountain
13.1	COR 311562	\$100,000	8/31/2017	8/31/2017	\$100,000		Errors & Omissions	TJPA	City Financing	Change to Glass Type for Bus Glass Wall
16.0	COR 312021	\$450,000	2/16/2018	2/16/2018	\$450,000		Scope Procurement	TJPA	CFD	CR T-319 ASI 148 Incorporation of RFI Responses
16.0	COR	\$1,000,000	2/16/2018	2/16/2018	\$1,000,000		Errors & Omissions	TJPA	CFD	Skanska General Scope Closeout Items
18.1	COR 310480	\$700,000	11/10/2017	11/17/2017	\$700,000		Errors & Omissions	TJPA	TIFIA	Revised sizes for Link Beams per ASI 150, General Design Issues
18.1	COR	\$1,000,000	11/10/2017	11/17/2017	\$1,000,000		Errors & Omissions	TJPA	CFD	General Closeout Items
Schedule Mitigation										
7.2	COR 311070.1	\$450,000	2/16/2018	2/16/2018	\$450,000		Schedule Mitigation	CMGC	CFD	Dry Finish Acceleration Part 2
7.6	COR	\$1,000,000	2/16/2018	2/16/2018	\$1,000,000		Schedule Mitigation	CMGC	City Financing	Trade Package 12.1 to 07.6 Scope Transfer Reconciliation (Ref CCO 503, 1112, and Zones 1-3)
8.6R	COR 312232	\$800,000	2/16/2018	2/16/2018	\$800,000		Schedule Mitigation	CMGC	CFD	Storage of W-14 Ceiling Panels
10.4	COR 311616.2	\$280,000	2/16/2018	2/16/2018	\$280,000		Schedule Mitigation	CMGC	CFD	Single Line - Acceleration
10.4	COR 311967	\$380,000	2/16/2018	2/16/2018	\$380,000		Schedule Mitigation	CMGC	CFD	Electrical Zone 4 Acceleration
10.4	COR	\$600,000	2/16/2018	2/16/2018	\$600,000		Schedule Mitigation	CMGC	CFD	Supplemental Man-power - Rosendin
10.4	COR 311736	\$310,000	2/16/2018	2/16/2018	\$310,000		Schedule Mitigation	CMGC	CFD	SFPUC Vault Acceleration
16.0	COR 311825	\$600,000	11/10/2017	11/17/2017	\$600,000		Schedule Mitigation	TJPA	CFD	Skanska Inefficiency Costs
Coordination										
7.2/7.6	COR 311374	\$375,000	8/31/2017	8/31/2017	\$375,000		Coordination	CMGC	CFD	Curb Extension at Elevator Fronts for All Elevator Shafts
10.2	COR 311901	\$700,000	2/16/2018	2/16/2018	\$700,000		Coordination	CMGC	CFD	RFI T-6025 - Revised Supports to Account for Phase 2 Mechanical Duct
Code Compliance										
10.4	COR 311826	\$650,000	2/16/2018	2/16/2018	\$650,000		Code Compliance	TJPA	CFD	Fire Management System Changes
Settlement										
Scope Procurement										
4.2	CR T-383.A	**\$6,500,000	4/5/2018	2/16/2018	\$5,500,000		Scope Procurement	TJPA	CFD	Traction Power
10.4	COR 312695	**\$595,000	4/5/2018	2/16/2018	\$580,000		Scope Procurement	TJPA	CFD	E2 Pylon Louvers and Frosted Lens
10.4	COR 311155-1	**1,200,000	4/5/2018	2/16/2018	\$300,000		Scope Procurement	TJPA	CFD	

Agenda Item #9 - Construction Amendments and Changes Log (Transit Center)

4/5/2018										
Trade Package	CCO/CR No.	Total Value	Date submitted to CRC	Date No Exceptions Taken by CRC	Amount No Exceptions Taken by CRC	CCO Final Approved Amount	CCO Category	Contingency Source	Fund Source	CCO Issue
Executed										
7.2	CCO 0324	\$455,000	2/6/2017	2/17/2017	\$455,000	\$428,811	Owner Requested	TJPA	City Financing	Gantry Beams at Ground Level above Transformer Vaults per ASI 121
7.2	CCO 0312	\$750,000	11/7/2016	11/18/2016	\$750,000	\$708,975	Owner Requested	TJPA	TIFIA	Additional Wall Plates at Lower Concourse Walls
7.2	CCO 0269.1	\$325,000	8/22/2016	8/24/2016	\$325,000	\$254,308	Owner Requested	TJPA	Land Sales	Added plate to short curbs to support deformed bars per RFI T-3184 and added plates for tall curbs between GL 10-20
7.2	CCO 0291	\$368,000	8/22/2016	8/24/2016	\$368,000	\$317,592	Owner Requested	TJPA	Land Sales	Install additional rebar, formwork and concrete for Partition walls at Lower Concourse per ASI 128.
7.6	COR 311367	\$260,000	11/7/2016	11/18/2016	\$260,000	-\$101,621	Owner Requested	TJPA	CFD	Changes to the GL 35 Seismic Joints due to the OCS footing interrupting the joints and replacing the SJ cover with 1" steel plate
7.6	CCO 0316	\$694,000	8/22/2016	8/24/2016	\$694,000	\$546,055	Owner Requested	TJPA/Reimbursable	Salesforce Tower	Added seismic joint at Salesforce Tower Pedestrian Bridge per ASI 137
10.3	CCO 0304	\$118,000	2/6/2017	2/17/2017	\$118,000	\$117,841	Owner Requested	TJPA	City Financing	Roof Park scope, Heat Pump Changes, & Duct Reroute per ASI 128
13.1	CCO 0366	\$420,000	2/6/2017	2/17/2017	\$420,000	\$7,185	Owner Requested	TJPA	City Financing	Landscape Changes per ASI 138
7.2	COR 311408	\$3,300,000	5/8/2017	5/19/2017	\$3,300,000	\$2,045,732	Errors & Omissions	TJPA	CFD	W-Systems Impact to Structural Concrete Package. COR submitted at \$6.3M, but \$3M due to inefficiencies /delays
7.2	COR 311981	\$900,000	8/31/2017	8/31/2017	\$900,000	\$783,827	Errors & Omissions	TJPA	CFD	Rebar Changes from Bid Including ASI 128
7.2	CCO 0426	\$1,000,000	2/6/2017	2/17/2017	\$1,000,000	\$443,801	Errors & Omissions	TJPA	TIFIA	Built Up Slabs in Ground Level and Roof Level
7.3	CCO 0412	\$97,000	8/31/2017	8/31/2017	\$97,000	\$76,576	Errors & Omissions	TJPA	City Financing	Roof Park Restaurant Cable Guardrail Continuity Plate per RFI T-5041 Series
8.11R	CCO 0416	\$912,000	5/8/2017	5/19/2017	\$912,000	\$859,088	Errors & Omissions	TJPA	TIFIA	W-13 Frame Modifications
8.11R	CCO 1063	\$270,000	5/8/2017	5/19/2017	\$270,000	\$254,915	Errors & Omissions	TJPA	TIFIA	W-12 Perimeter Expansion Joint Infill Plate
8.4	311044	\$300,000	11/10/2017	11/17/2017	\$300,000	\$290,121	Errors & Omissions	TJPA	CFD	ASI 141 Changes for Metal Panel System
10.2	COR 311439	\$500,000	5/8/2017	5/19/2017	\$500,000	\$275,748	Errors & Omissions	TJPA	CFD	DBI Venting Requirements per RFI T-5141 - Partial CCO
10.2	CCO 0402	\$660,000	8/31/2017	8/31/2017	\$660,000	\$617,304	Errors & Omissions	TJPA	TIFIA	ASI 138 Revisions
10.2	CCO 0343	\$800,000	2/6/2017	3/22/2017	\$800,000	\$673,785	Errors & Omissions	TJPA	TIFIA	Connection to Sewer Mains per RFI T-5029
13.2	CCO 0362	\$300,000	5/8/2017	5/19/2017	\$300,000	\$297,101	Errors & Omissions	TJPA	City Financing	Add FC 4 Layers and revision to INS-14 per ASI 138
18.1	COR 312068	\$300,000	11/10/2017	11/17/2017	\$300,000	\$233,583	Errors & Omissions	TJPA	TIFIA	Changes to Cal Trans Substation Building Lot Elevations
18.1	COR 311099	\$1,500,000	11/10/2017	11/17/2017	\$1,500,000	\$367,498	Errors & Omissions	TJPA	City Financing	Hinge 9 Expansion Joint
18.1	CCO 0290.1	\$736,000	8/22/2016	8/24/2016	\$736,000	\$691,702	Errors & Omissions	TJPA	Bridge Loan	Revisions to the Bus Ramp Cable Stay Hinge 8 Expansion Joint per ASI 150-015.
18.1	CCO 0373.1	\$475,000	8/22/2016	8/24/2016	\$475,000	\$367,498	Errors & Omissions	TJPA	TIFIA	Revisions to the Bus Ramp Cable Stay Hinge 9 Expansion Joint per ASI 150-016.
5.10	*312195.1	\$280,000	2/16/2017	2/16/2017	\$280,000	\$259,546	Schedule Mitigation	CMGC	CFD	Grand Hall Temporary Floor Protection
7.2	CCO 1059	\$1,200,000	2/6/2017	2/17/2017	\$1,200,000	\$895,298	Schedule Mitigation	CMGC	TIFIA	Schedule Recovery for TG 7.2 scope, premium time only, using CM/GC Contingency per contract.
7.1	CCO 1043	\$425,000	2/6/2017	2/17/2017	\$425,000	\$425,742	Skanska Settlement	CMGC	TIFIA	Seismic Upgrades to Access Trestle. ** Final amount \$742 over NTE of \$425,000.
7.1	COR 310296.1	\$672,750	8/22/2016	8/24/2016	\$672,750	\$637,974	BBII Settlement	TJPA	CFD	Removal of Sand Inclusions in Bus Deck level cast node pads, CCO 428 added
n/a	CCO 0410	\$42,000	8/31/2017	8/31/2017	\$42,000	\$41,689	Scope Procurement	TJPA	City Financing	Roof Park Restaurant Handrail IPE Wood Cap
	*COR	\$43,600	11/10/2017	11/17/2017	\$43,600	\$43,600	Scope Procurement	TJPA	CFD	Tim Hawkinson Concrete Removal Contract
4.2	*COR 311395	\$550,000	11/10/2017	11/17/2017	\$550,000	\$258,750	Scope Procurement	TJPA	CFD	OCS Fiberglass Support System Installation
5.10	COR 310496	\$1,400,000	11/10/2017	11/17/2017	\$1,400,000	\$1,398,300	Scope Procurement	TJPA	CFD	Overhead Protection at First and Fremont
5.10	COR 310505.1	\$1,108,000	11/10/2017	11/17/2017	\$1,108,000	\$1,052,716	Scope Procurement	TJPA	CFD	Site Dewatering
5.10	COR 310841.1	\$2,170,000	11/10/2017	11/17/2017	\$2,170,000	\$1,780,013	Scope Procurement	TJPA	CFD	Furnish Site Dumpsters for LEED Related Construction Waste
5.10	COR 312079	\$500,000	11/10/2017	11/17/2017	\$500,000	\$477,112	Scope Procurement	TJPA	CFD	Provide Plywood Backer Boards for IDF/MDF Rooms
7.2	CCO 0393.1	\$250,000	2/6/2017	2/17/2017	\$250,000	\$87,153	Scope Procurement	TJPA	MTC AB1171	Drum Café Revisions
7.2	CCO 0328	\$445,000	11/7/2016	11/18/2016	\$445,000	\$434,946	Scope Procurement	TJPA	City Financing	West Throat Vent Shaft Concrete
7.3	CCO 0370	\$60,000	5/8/2017	5/19/2017	\$60,000	\$56,579	Scope Procurement	TJPA	City Financing	Bent Plate Embed and SS Base Plate from ASI 128 for Roof Park Restaurant
7.6	CCO 1035	\$330,000	8/22/2016	8/24/2016	\$330,000	\$307,144	Scope Procurement	CMGC	Land Sales	Installation of Mat Slab walls at water storage tank previously not procured.
8.6R	CCO 0344	\$480,000	5/8/2017	5/19/2017	\$480,000	\$476,903	Scope Procurement	TJPA	TIFIA	ASI 140 Drop-in Span Aluminum Enclosure, VE Item.
8.6R	CCO 0309	\$250,000	2/6/2017	2/17/2017	\$250,000	\$249,554	Scope Procurement	TJPA	City Financing	Procurement of the W2 and W3 head of wall assembly
8.11R	CCO 0378	\$480,000	8/31/2017	8/31/2017	\$480,000	\$475,387	Scope Procurement	TJPA	TIFIA	Procurement of Glazing Door Hardware Package previously not procured. **Estimate increased
10.2	CCO 0186	\$1,486,000	8/22/2016	8/24/2016	\$1,486,000	\$1,232,298	Scope Procurement	TJPA	Prop K	Revisions and additions to plumbing system per ASI 128.
10.4	COR 311671.1	\$600,000	8/31/2017	8/31/2017	\$600,000	\$463,487	Scope Procurement	TJPA	CFD	E2 Pylon Beacon Power per RFI T-4988
10.4	CCO 0284	\$1,330,000	11/7/2016	11/18/2016	\$1,330,000	\$1,202,996	Scope Procurement	TJPA	TIFIA	Phase 1.5 ASI 144
10.4	CCO 0293.1	\$1,100,000	8/22/2016	8/24/2016	\$1,100,000	\$861,630	Scope Procurement	TJPA	TIFIA	Procurement of the pathway that supports the Emergency Response System per ASI 134.
10.4	CCO 0379	\$390,000	3/22/2017	3/22/2017	\$390,000	\$275,056	Scope Procurement	TJPA	TIFIA	Added Stairwell Lighting per RFI T-5585.1
13.2	CCO 0277	\$435,000	8/22/2016	8/24/2016	\$435,000	\$401,828	Scope Procurement	TJPA	Land Sales	Procurement and installation of the W2 Roof Trellis and Outriggers per ASI 128 and 138
16.8	CCO 0287	\$261,000	8/22/2016	8/24/2016	\$261,000	\$252,310	Scope Procurement	TJPA	Land Sales	Installation of the Rooftop Restaurant Fireproofing per ASI 128
Total		\$84,943,350		CCO Final Approved Total		\$24,605,434				

Agenda Item #9 - Construction Amendments and Changes Log (Transit Center)

4/5/2018										
Trade Package	CCO/CR No.	Total Value	Date submitted to CRC	Date No Exceptions Taken by CRC	Amount No Exceptions Taken by CRC	CCO Final Approved Amount	CCO Category	Contingency Source	Fund Source	CCO Issue
** Increased Total Value from Previously Approved								In Process (Presented to CRC)		
MODS and amounts paid directly by WOJV (not thru TJPA) are not included in this estimate								Approved		

Contingency Tracking through January 2018 (\$millions)

Trade Packages:	
4.2	Utility Relocation - Mission St. AWSS
7.1	Structural Steel
7.2	Structural Concrete
7.3	Miscellaneous Metal
7.6	Topping Slabs, Bus Crash Rail and Expansion Joints
8.6R	Metal Ceilings
8.11R	Glass Curtain Wall/Skylights
10.2	Plumbing
10.3	Mechanical/HVAC
10.4	Electrical
10.5	Fire Protection and Suppression
13.1	Landscaping and Irrigation
13.2	Roofing/Waterproofing
14.1B	Escalators
16.8	Fireproofing/Intumescent Spray
18.1	Bus Ramp

Baseline Budge Amounts
Contingency Usage Through Dec 2017
Remaining Baseline Budge Amounts (Dec 2017)
Total Draws/Adds January 2018
Remaining Balances

Construction Contingency	CM/GC Contingency	Program Reserve	Total Contingency & Reserve
\$61.8	\$32.5	\$116.9	\$211.3
(\$40.8)	(\$4.7)	(\$24.0)	(\$69.5)
\$21.0	\$27.8	\$93.0	\$141.8
(\$2.0)	\$0.1	\$0.0	(\$1.9)
\$19.0	\$27.9	\$93.0	\$139.9

Agenda Item #9 - Construction Amendments and Changes Log (Bus Storage Facility)

3/29/2018										
Trade Package	CCO/CR No.	Total Value	Date submitted to CRC	Date No Exceptions Taken by CRC	Amount No Exceptions Taken by CRC	CCO Final Approved Amount	CCO Category	Contingency Source	Fund Source	CCO Issue
BSF	CCO # 1	\$9,679	11/6/2017	11/17/2017	\$9,679	\$9,679	Change Condition	TJPA	City Financing	Soil Testing Support
BSF	CCO # 2	\$889,683	11/8/2017	11/17/2017	\$889,683	\$889,683	Change Condition	TJPA	City Financing	Class I & Class II Offhaul/Disposal - Additional Qty. the original \$628k value submitted to the CRC at last meeting was an estimate and this new amount of \$889,683.05 k is the final resolution of the quantities.
BSF	CCO # 3	\$1,036	11/6/2017	11/17/2017	\$1,036	\$1,036	Change Condition	TJPA	City Financing	
BSF	CCO # 4	\$6,199	11/6/2017	11/17/2017	\$6,199	\$6,199	Change Condition	TJPA	City Financing	Buried Light Pole Foundation
BSF	CCO # 5	\$21,131	11/6/2017	11/17/2017	\$21,131	\$21,131	Change Condition	TJPA	City Financing	Water Main Potholing for Re-design (T&M)
BSF	CCO # 6	\$13,906	11/6/2017	11/17/2017	\$13,906	\$13,906	Owner Requested	TJPA	City Financing	SS Line Relocation Bents 13-14 (LS)
BSF	CCO # 7	\$7,905	11/6/2017	11/17/2017	\$7,905	\$7,905	Change Condition	TJPA	City Financing	Food Court Cleanup (T&M)
BSF	CCO # 8	\$20,250	11/6/2017	11/17/2017	\$20,250	\$20,250	Change Condition	TJPA	City Financing	Abut A6 Unsuitable Matl R&R (T&M)
BSF	CCO # 9	\$1,251	11/6/2017	11/17/2017	\$1,251	\$1,251	Change Condition	TJPA	City Financing	Waterline Tie-In Location Change (LS)
BSF	CCO # 10	\$20,000	11/6/2017	11/17/2017	\$20,000	\$19,998	Owner Requested	TJPA	City Financing	Fence & Graffiti Repairs (T&M)
BSF	CCO # 11	\$33,699	11/6/2017	11/17/2017	\$33,699		Owner Requested	TJPA	City Financing	Soundwall CIDH Pile Drilling Conditions
BSF	CCO # 12	\$24,315	11/6/2017	11/17/2017	\$24,315	\$24,315	Owner Requested	TJPA	City Financing	2nd Street OCS Removal & Replacement by SFMTA
BSF	CCO # 13	\$3,131	11/6/2017	11/17/2017	\$3,131	\$3,131	Change Condition	TJPA	City Financing	SW1 Footing Conflict
BSF	CCO # 14	\$99,194	11/6/2017	11/17/2017	\$99,194		Change Condition	TJPA	City Financing	SW3&4 Utility Conflicts
BSF	CCO # 15	\$221,914	11/6/2017	11/17/2017	\$221,914	\$221,914	Change Condition	TJPA	City Financing	AW2 Buried Concrete Conflict
BSF	CCO # 16	\$43,925	11/6/2017	11/17/2017	\$43,925	\$43,925	Change Condition	TJPA	City Financing	Class I Offhaul/Dispose Unit Price Adjustment
BSF	CCO # 17	\$10,000.00	11/6/2017	11/17/2017	\$10,000.00	\$8,796.31	Change Condition	TJPA	City Financing	Class II Offhaul/Dispose Unit Price Adjustment
BSF	CCO # 18	\$18,722	11/6/2017	11/17/2017	\$18,722	\$18,722	Owner Requested	TJPA	City Financing	Bus Link Striping and Signage
BSF	CCO # 19	\$4,820	11/6/2017	11/17/2017	\$4,820	4,820	Owner Requested	TJPA	City Financing	SW3, SW4, Stillman/3rd Drainage Changes
BSF	CCO #20	\$30,000	11/6/2017	11/17/2017	\$30,000		Change Condition	TJPA	City Financing	Additional AC Removal BLR 11+50
BSF	CCO #21	\$41,109	12/05/1017	1/15/2017	\$41,109		Owner Requested	TJPA	City Financing	Bus Ramp Supplemental Striping
BSF	CCO #22	\$7,742	12/05/1017	1/15/2017	\$7,742		Owner Requested	TJPA	City Financing	Additional Cost Due to Changes of Sound Wall Height
BSF	CCO #23	\$917	12/05/1017	1/15/2017	\$917		Owner Requested	TJPA	City Financing	MSE Wall Drainage Changes
BSF	CCO #25	\$50,000	12/05/1017	1/15/2017	\$50,000		Owner Requested	TJPA	City Financing	Spare 2in Conduit for Future EV Charging Station
BSF	CCO #26	\$10,433	12/05/1017	1/15/2017	\$10,433		Owner Requested	TJPA	City Financing	Budgetary Costs for Lighting Inverter
BSF	CCO #27	\$1,123	12/05/1017	1/15/2017	\$1,123		Owner Requested	TJPA	City Financing	Additional costs associated with Submittal #089-Fire Marshal Comments to add 2 additional card readers.
BSF	CCO #28	\$4,750	4/5/2018				Owner Requested	TJPA	City Financing	Per owners request, added three (3) additional 20 MPH signs to the bus link ramp.
BSF	CCO #29	\$254,691	3/12/2018	3/12/2018	\$330,000		Owner Requested	TJPA	City Financing	MCM Premium Time for Falsework Removal
BSF	CCO #30	\$5,000	4/5/2018				Owner Requested	TJPA	City Financing	Flashing Beacon, Barrier and striping work for Bus Ramps Project. Previously reported as CCOs 18 and 19 for \$330k.
BSF	CCO #31	\$33,335	4/5/2018				Change Condition	TJPA	City Financing	Bridge Profilograph Testing
BSF	CCO #32	\$10,771	4/5/2018				Change Condition	TJPA	City Financing	SW #3 & #4 Drainage Changes
BSF	CCO #33	\$5,000	4/5/2018				Change Condition	TJPA	City Financing	Bents 11 and 12 drainage Changes
BSF	CCO #34	\$28,178	4/5/2018				Change Condition	TJPA	City Financing	Costs to move MCM Trailer and Containers
BSF	CCO #35	\$5,000	4/5/2018				Change Condition	TJPA	City Financing	Remove and Replace Curb at Sta. 14+51 to 15+33
BSF	CCO #36	\$37,000	4/5/2018				Owner Requested	TJPA	City Financing	Restake MSE#3 and RW#1&3
BSF	CCO #37	\$10,235	4/5/2018				Owner Requested	TJPA	City Financing	Modular Building Material Changes
BSF	CCO #38	\$26,000	4/5/2018				Change Condition	TJPA	City Financing	Admin Lockers
BSF	CCO #39	\$20,000	4/5/2018				Change Condition	TJPA	City Financing	Rental Parking Spaces at Parking Lot
BSF	CCO #40	\$80,000	4/5/2018				Change Condition	TJPA	City Financing	Additional Paving Near Existing Parking Lot
BSF	CCO #41	\$40,000	4/5/2018				Owner Requested	TJPA	City Financing	Type 60-C Missing Scope (Dees Burke)
BSF	CCO #42	\$30,000	4/5/2018				Change Condition	TJPA	City Financing	Repair High Mast Feeder
BSF	CCO #43	\$26,000	4/5/2018				Change Condition	TJPA	City Financing	Changes to Water and Fire Line
BSF	CCO #44	\$20,787	4/5/2018				Owner Requested	TJPA	City Financing	Additional Soundsorb Cladding
BSF	CCO #45	\$17,400	4/5/2018				Owner Requested	TJPA	City Financing	LED Upgrade (PHX SL #1)
BSF	COR varies	\$150,000	12/05/1017	1/15/2017	\$150,000		Owner Requested	TJPA	City Financing	PG&E Feeder (PHX SL #6)
Total		\$2,396,230		CCO Final Approved Total		\$1,316,661				Misc. Caltrans Changes, Street Light/Pole Changes, Rolling Gate, ASI 023/024

* Executed Recently

New Construction Changes	
In Process (Presented to CRC)	
Approved	