

Update on construction and temporary closure of the Salesforce Transit Center

April 9, 2019



Agenda

1. Progress on the Girder Remediation/Repair Effort
2. Base Contract Work to Complete
3. Progress on confirming the Facility-Wide Validation
 - Facility-Wide Structural Steel (SS) Review Update
 - Facility-Wide Review of Other non-SS Items including an Inspection Overview Report
4. Budget
5. Contract Close out Process

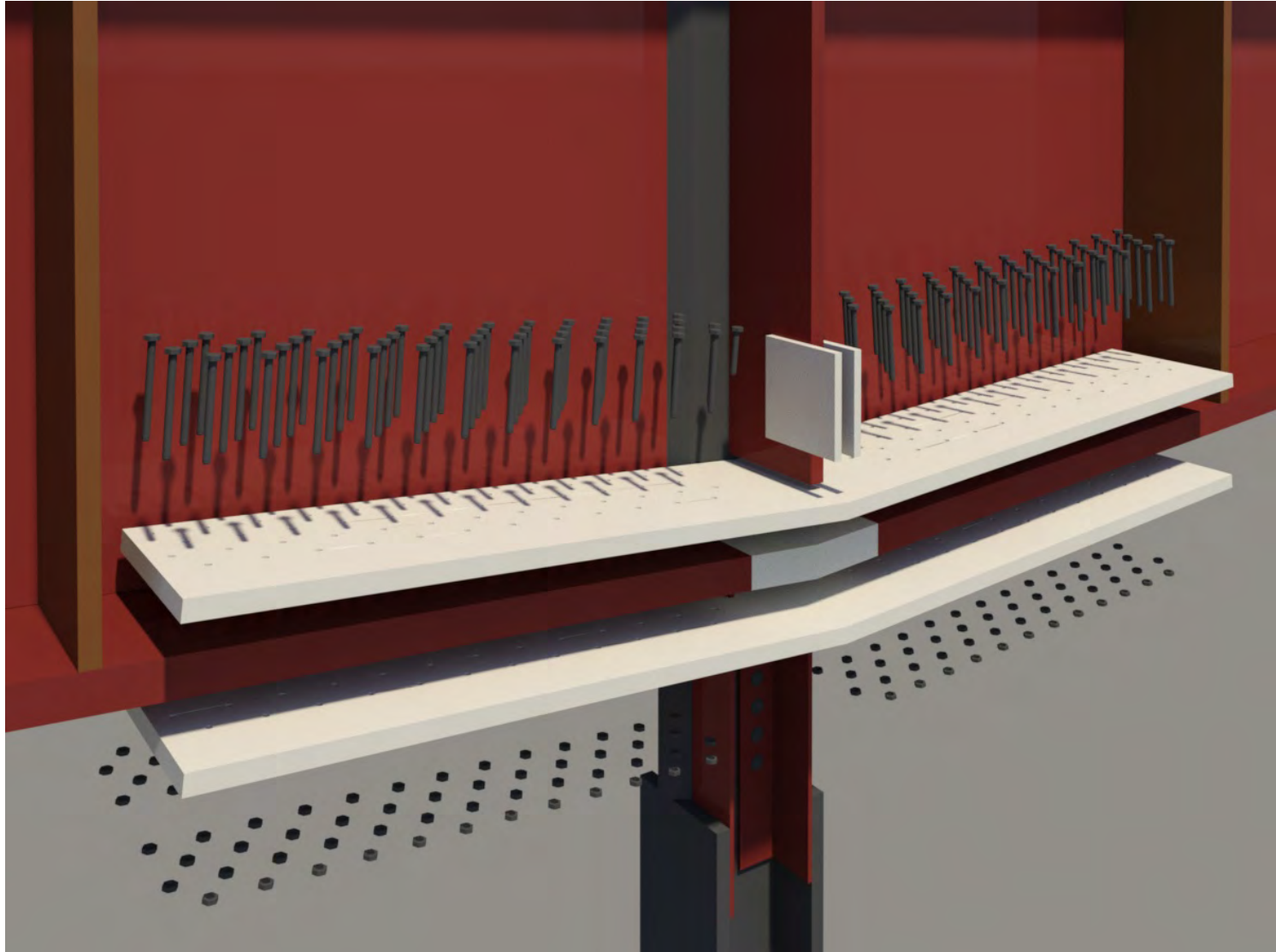
Recent Actions

Actions taken since last Board meeting:

- Fremont and First Street plate material has been machined in Pennsylvania, holes drilled in Stockton and is now onsite.
- Onsite preparation was completed at Fremont Streets and First Street girders as per the approved design.
- LPI's Finite Element Analysis (FEA) final report submitted to the PRP.
- Project Team* continued their facility-wide review to ascertain if other areas need further review and/or inspections.
- Contractor schedule indicates repair completion tracking by June.

*Project team consists of TJPA, TT, CM/GC with associated subcontractors and suppliers/fabricators

Girder Remediation Detail



This graphic has details specific to Fremont street girders

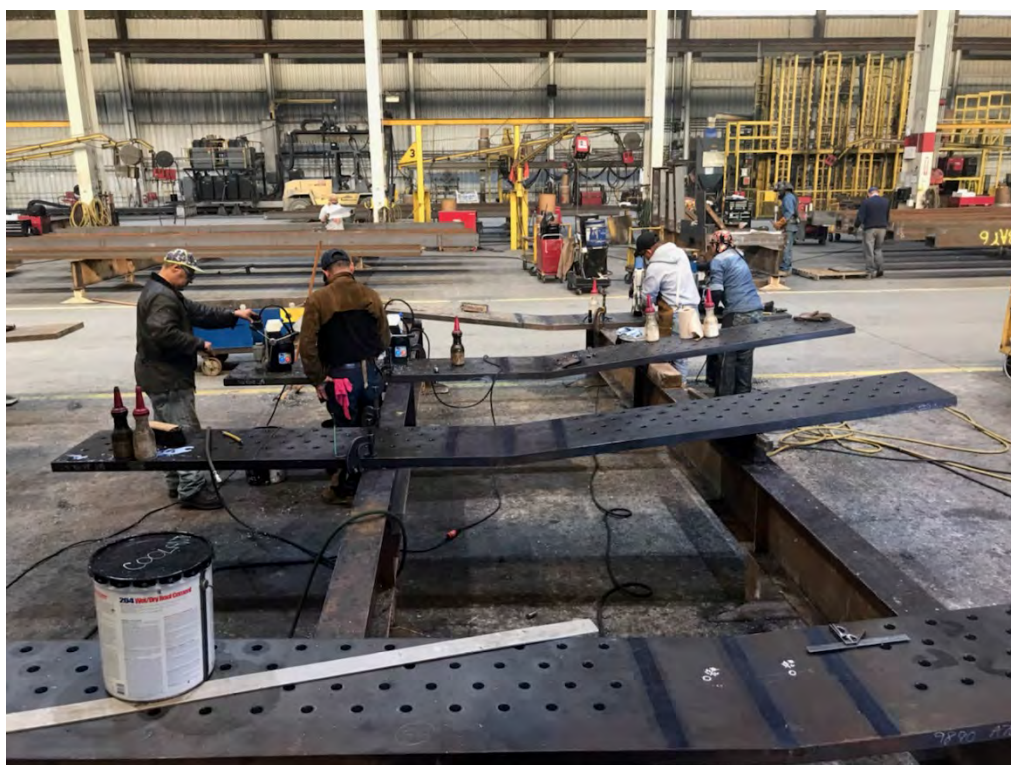
Recent Actions

Preparation of the plate material.



Recent Actions

Preparation on the plate material.



Recent Actions

Onsite progress



Recent Actions

Plate installation onsite



Next Steps

April 2019 actions:

- Project Team* continuing their facility-wide review to ascertain if other areas need further review and/or inspections with timely updates to the MTC Independent Panel.

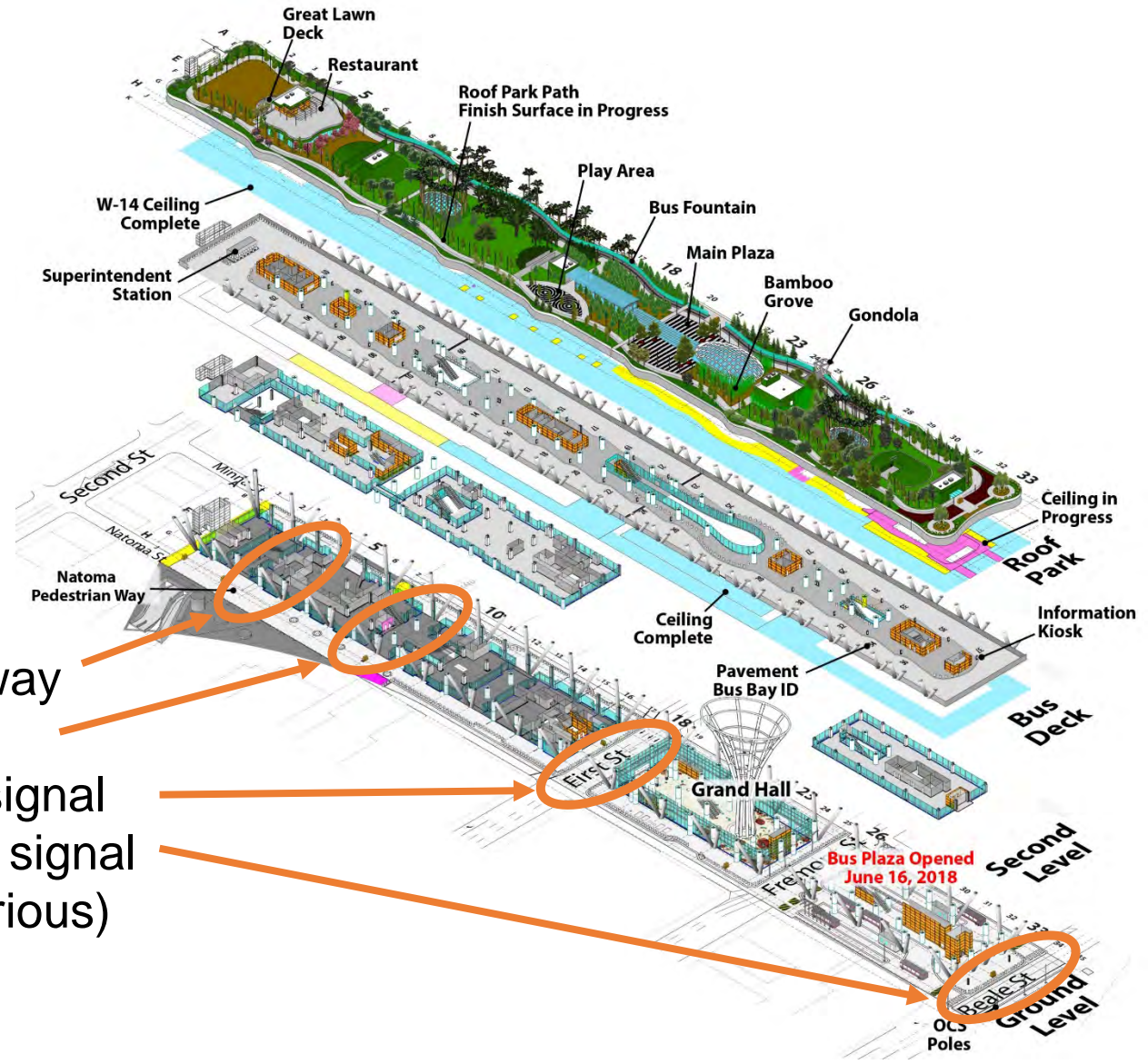
May 2019 actions:

- Completion of the Fremont Street repair and First Street remediation as per the approved drawings.
- Project Team* to present facility-wide review report to the MTC Independent Panel.
- Shoring removal at Fremont and First Streets with pavement traffic striping restored.
- Re-installation of all facilities in close proximity to the girders at both locations.

Schedule

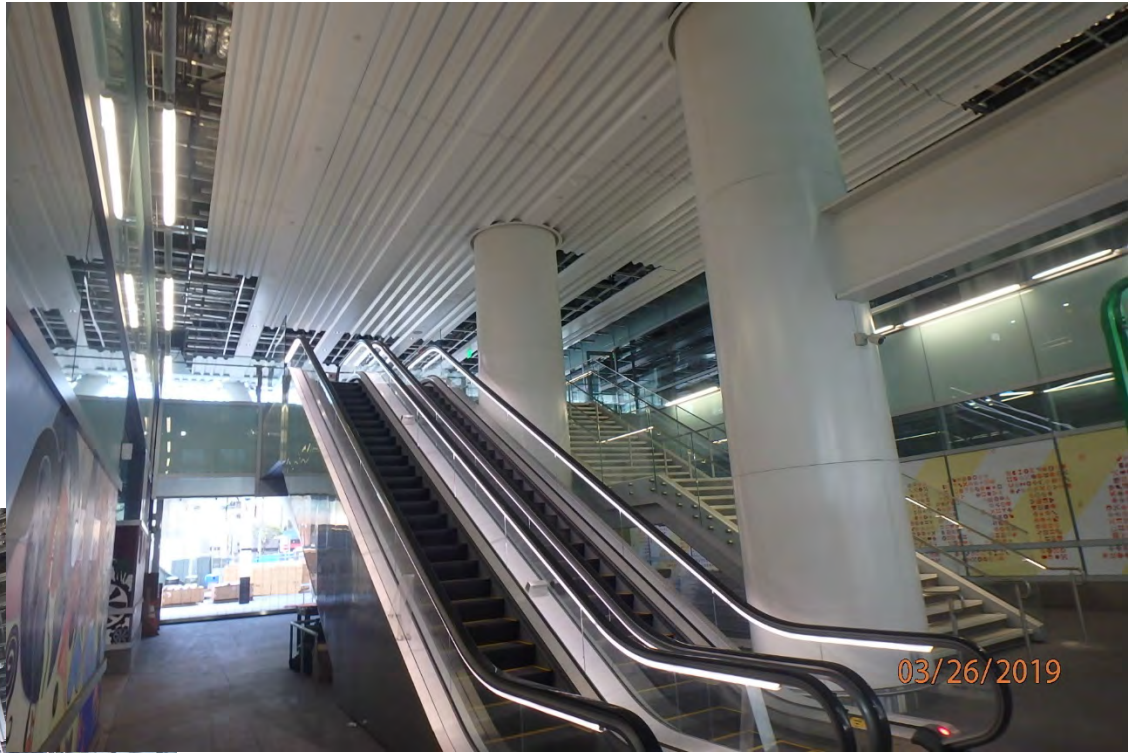
	January				February				March				April				MAY				
	1/4	1/11	1/18	1/25	2/1	2/8	2/15	2/22	3/1	3/8	3/15	3/22	4/5	4/12	4/19	4/26	5/3	5/10	5/17	5/24	
MTC ONGOING PEER REVIEW	[Blue bar spanning from 1/4 to 5/24]																				ONGOING
DESIGN FIRST & FREMONT STREETS REMEDIATION	[Blue bar from 1/4 to 2/1]																				
MTC PEER REVIEW FOR REMEDIATION (First Street)	[Blue bar from 1/4 to 2/8]																				
PERMANENT FIX INSTALLATION	[Blue bar from 1/4 to 6/01]																				
Procurement & Installation																				6/01	
SHORING REMOVAL																					
REINSTALLATION OF SYSTEMS, FINISHES & CEILINGS	◆	1/02	[Blue bar from 1/11 to 5/24]																		ONGOING
PROJECT TEAM BUILDING-WIDE REVIEW	◆	[Blue bar from 1/11 to 5/24]																			ONGOING
MTC PEER REVIEW BUILDING-WIDE VERIFICATION			[Blue bar from 1/18 to 5/24]																	ONGOING	
ONSITE BUILDING STRUCTURAL STEEL HEALTH CHECK (IF NECESSARY)																					

Base Contract – Work to Complete



- West End Breezeway
- Shaw Alley
- First Street traffic signal
- Beale Street traffic signal
- Ceiling panels (Various)

Remaining Work to Complete – West End Breezeway Ceiling



Remaining Work to Complete – Shaw Alley



Remaining Work to Complete – Traffic signals at First and Beale Streets



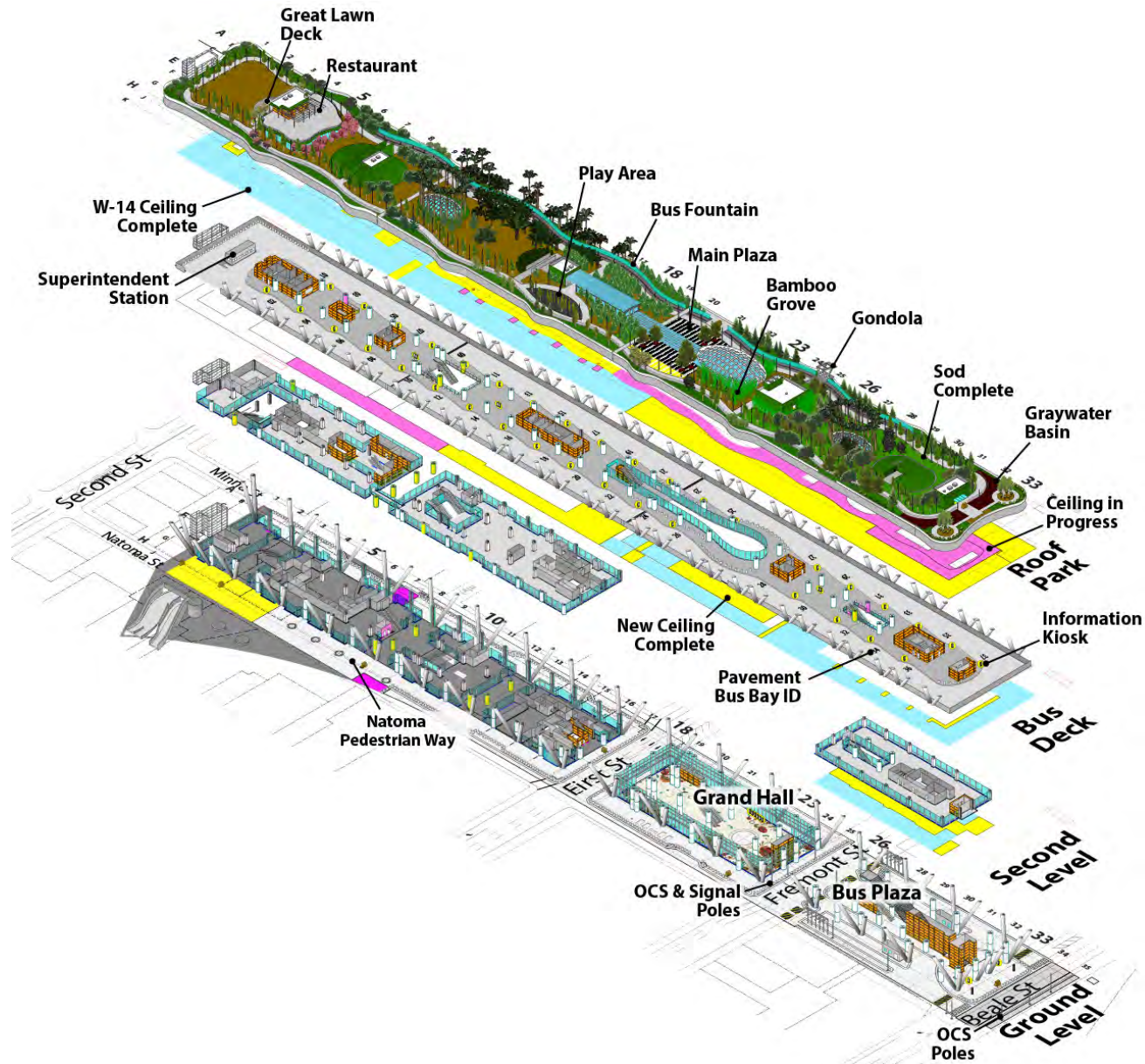
First Street Traffic signal with
mid-block crosswalk



Remaining Work to Complete – Ceiling Panels



Facility-Wide Validation Framework



Ongoing Actions

Full Building Structural Steel Health Check

Full Building Health Check Process Overview

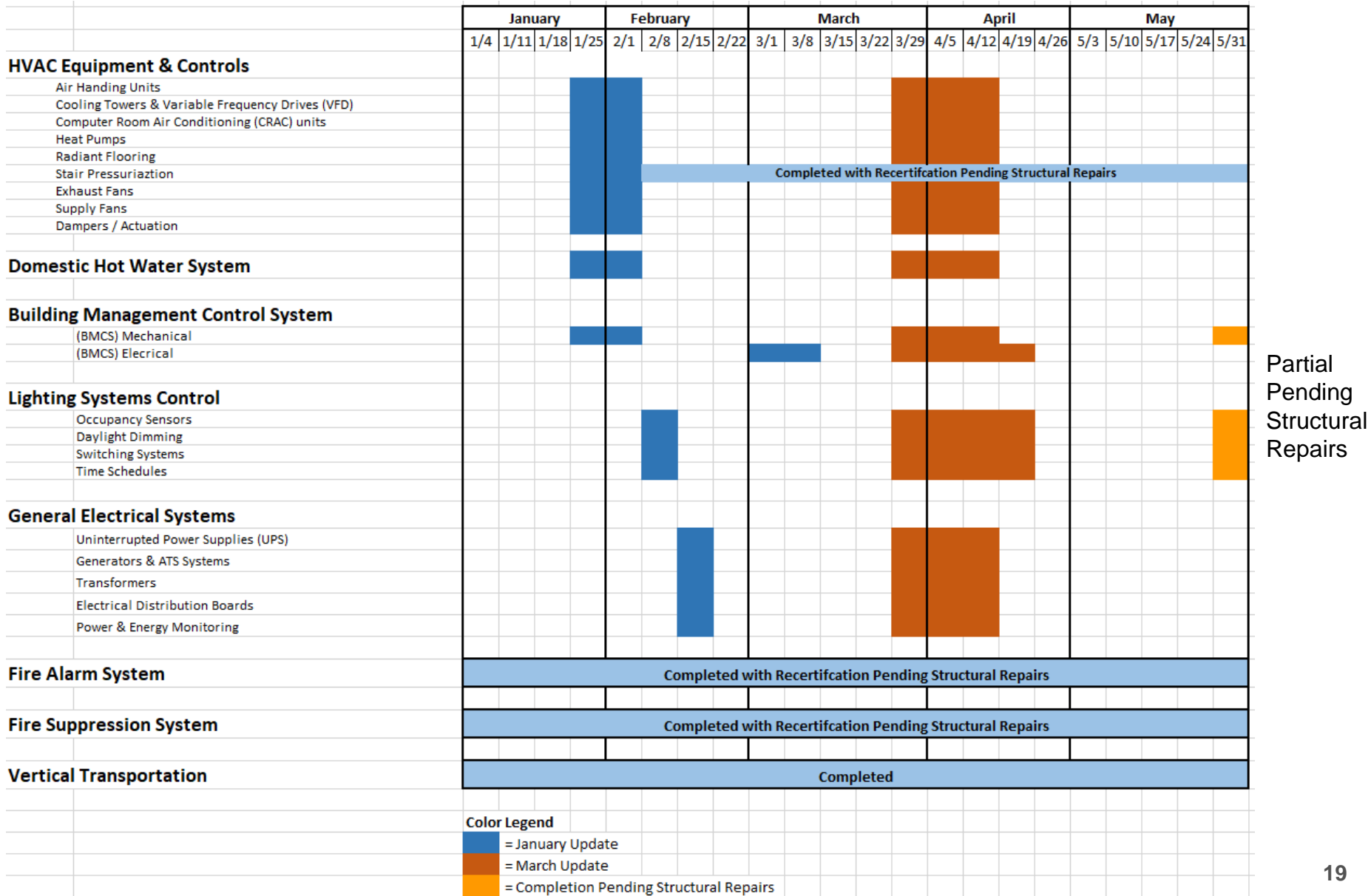
Progression items through the successive sieves of the funnel help separate areas which require further research to confirm acceptable.



Facility-Wide Validation Framework

- Reaffirm Structural Integrity of Building
- Review Tests & Inspection Records completed in March
- Building Management Systems Commissioning completed in April
- Revalidate Full Fire & Life Safety Systems completed in May
- Ready for Re-Occupancy

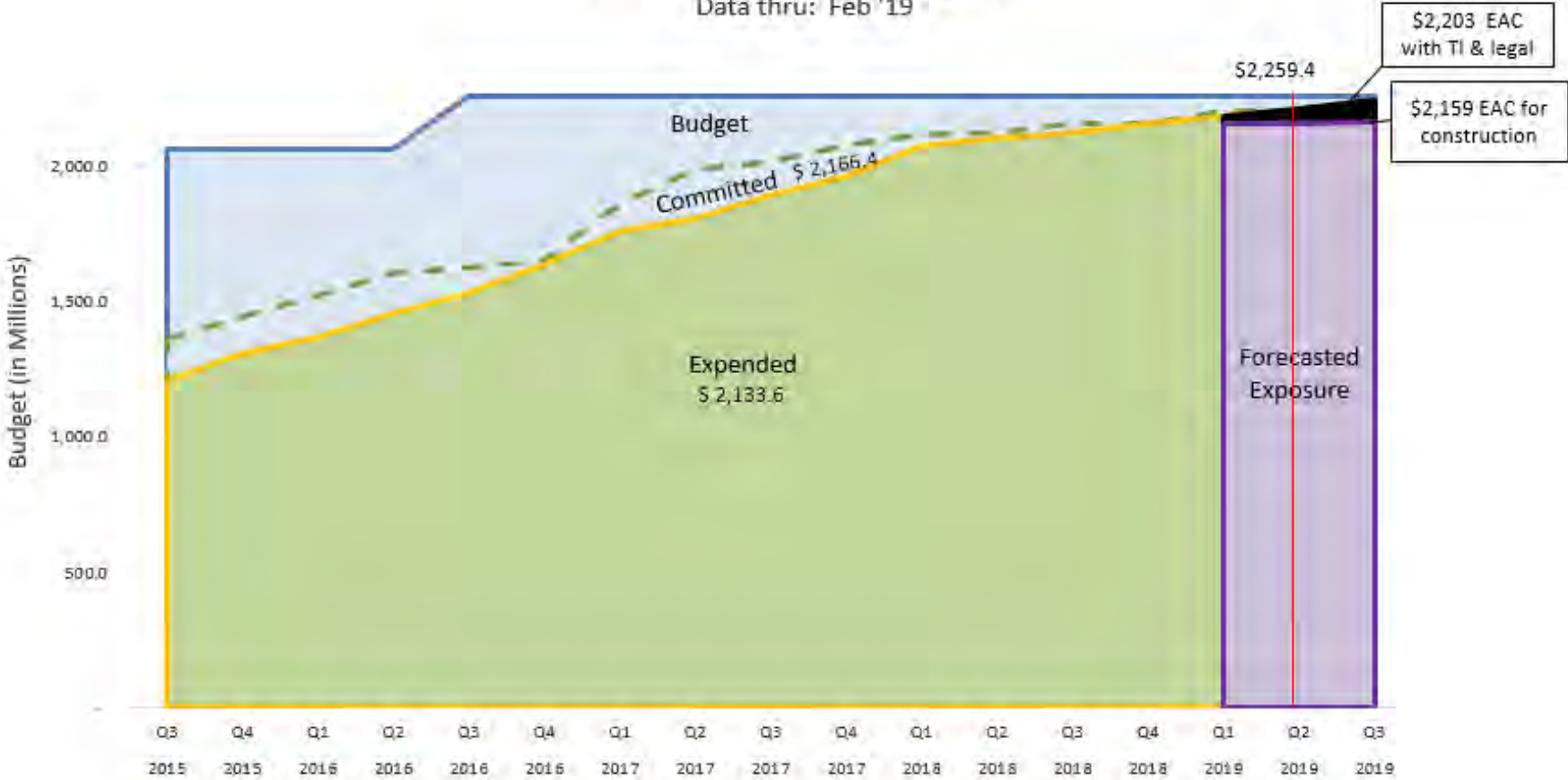
Building Management Systems Commissioning



Budget

Phase 1 - Transbay Program

Data thru: Feb '19



94% Program Budget

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 February 2019	(\$49.2)	(\$22.6)	(\$59.5)	(\$131.3)
Remaining Baseline Budget Amounts (at February 2019)	12.6	9.9	57.5	\$80.0
Total Draws/Adds March 2019	(0.8)	(0.1)	\$0.0	(\$0.9)
Remaining Balances	\$11.8	\$9.8	\$57.5*	\$79.1

Uses of Contingency this period

Comprehensive Curbs Modification from Ground Level to Roof, and other minor changes.

Forecasted Contingency Use

CM/GC: \$1.3M

Construction: \$1.5M

Program Reserve: \$10.5M for Tenant Improvements.

*Note: Program Reserve balance of \$57.5 million assumed to include contingencies earmarked for tenant improvements and legal costs related to 301 Mission St.

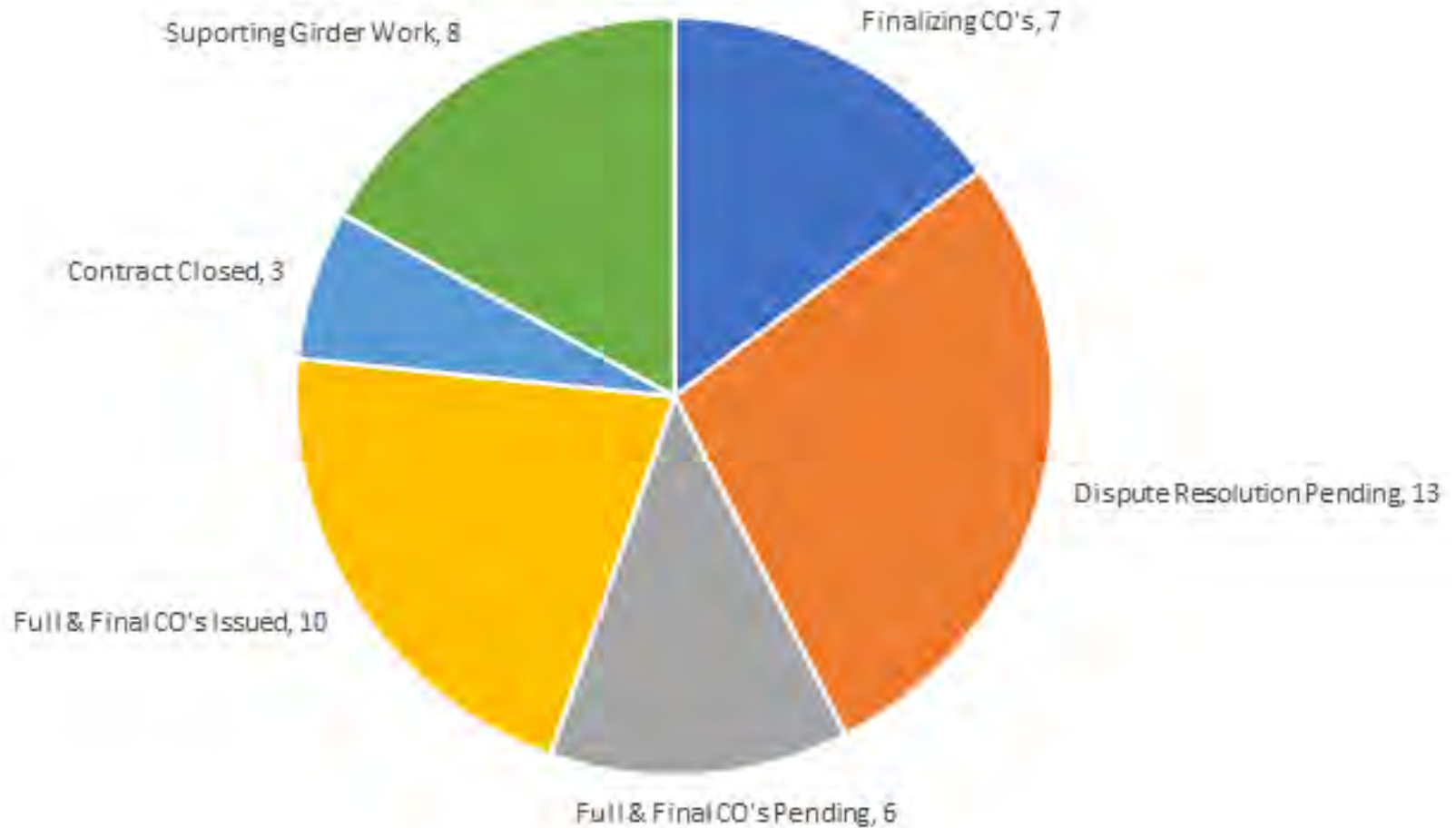
Contract Close out Status

Closeout Process for Trade Packages includes:

- As-built and Warranty receipt
- Punch-list completed and accepted
- Outstanding Non-compliances corrected and accepted
- Commissioning & Training System completion
- Full & Final closeout Change Order

Contract Close out Status

Construction Contract Close Out Status





Thank you

TJPA
TRANSBAY JOINT POWERS AUTHORITY

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