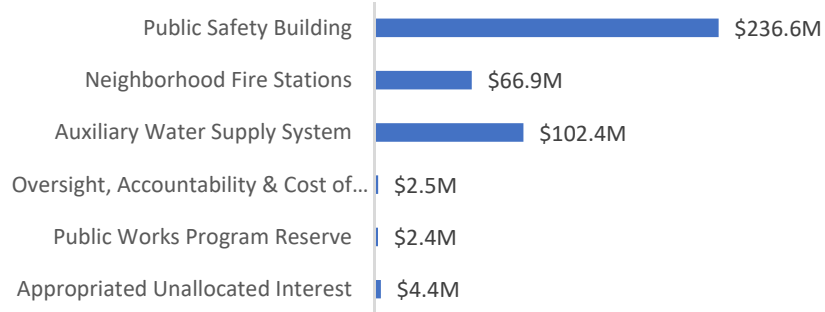


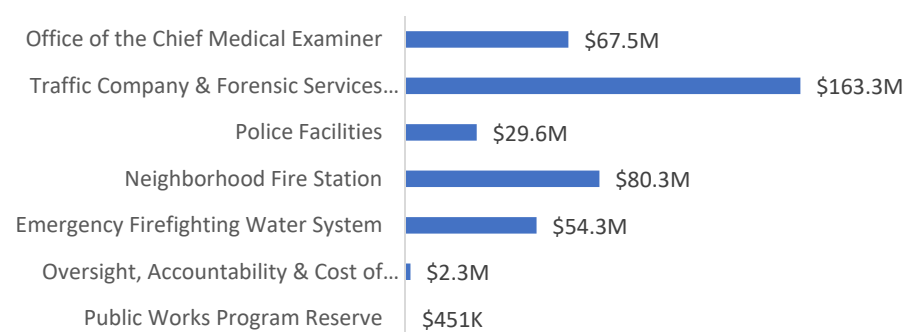
# Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report  
 Presented to the Citizens' General Obligation Bond Oversight Committee  
 For the Fourth Quarter of FY 18-19 – as of June 2019

## Overview of ESER 2010 Scope and Budget \$415M



## Overview of ESER 2014 Scope and Budget \$397M



Fire Station No. 5 – Completed  
 April 29, 2019



Park Police Station – Shotcrete Shear Wall at South Elevation  
 June 10, 2019

## ESER Bond Program 2010 & 2014 | Executive Summary

### I. Highlights and accomplishments

- Pump Station 2 construction continues.
- FS16 activated and operational in January 2019; final completion issued in June 2019
- FS5 activated and operational in April 2019
- FS35 BCDC permit issued; began fabrication of float
- TCFSD 50% CD issued May 2019; foundation and superstructure building permit approved; sub procurement underway

### II. Upcoming milestones

- FS5 final completion and contract closeout
- FS16 contract closeout
- FS35 begin demolition activities at Pier 22 ½ in September 2019
- TCFSD 90%/95% CD due August 2019; begin indicator pile program in late August 2019; begin new construction in September 2019

### III. Highlights and accomplishments

- City has issued six bond sales for ESER 2010 totaling \$412.3M; \$415M has been appropriated, inclusive of interest-earned.  
Additional interest earned of \$500K is expected.
- City has issued three bond sales, and appropriated a total of \$397M, for ESER 2014.

### IV. Risks, issues or concerns on budget, scope or schedules

On-going challenging bid environment affects:

- *Very active marketplace* produces scarcity of labor resulting in fewer bidders/less competition and increased costs, i.e. 10% upcharge for market conditions and responsiveness of trades to schedule
- Original bond budgets that prove insufficient that impact the project scope
- Precise reporting is unavailable for City staff labor charges

# Public Safety Building (PSB 2010 – \$230.5M\*)

Current Phase: **Closeout**  
Completion Date: **February 2016**

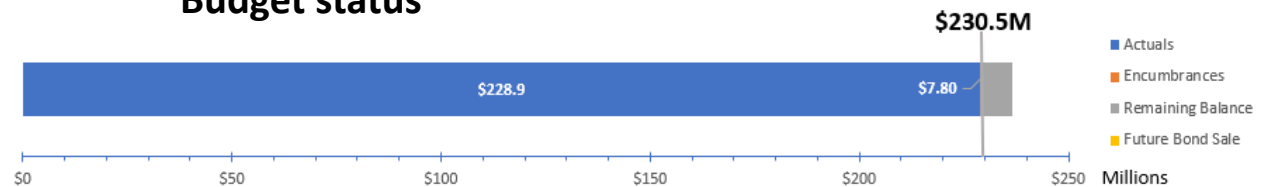
## Recent accomplishments

- Estimated savings is \$7.2M (currently in project balance, to be realized post financial closeout).

## Upcoming milestones

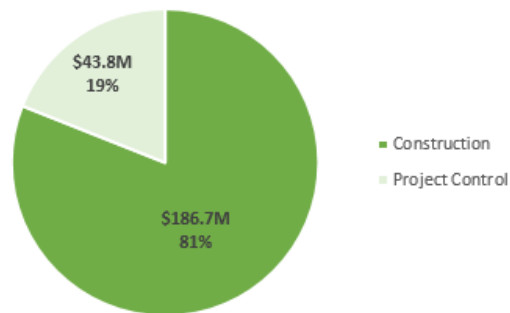
- Financial closeout is underway; project savings will be reallocated to ESER2010 reserve in Q1 FY2020.

## Budget status



\*Estimated final project budget/cost \$230.5M; current appropriation is \$236M.

## Budget allocation



# Neighborhood Fire Stations (NFS 2010 – \$66.9M)

Current Phase: **Various**  
Completion Date: **December 2019**

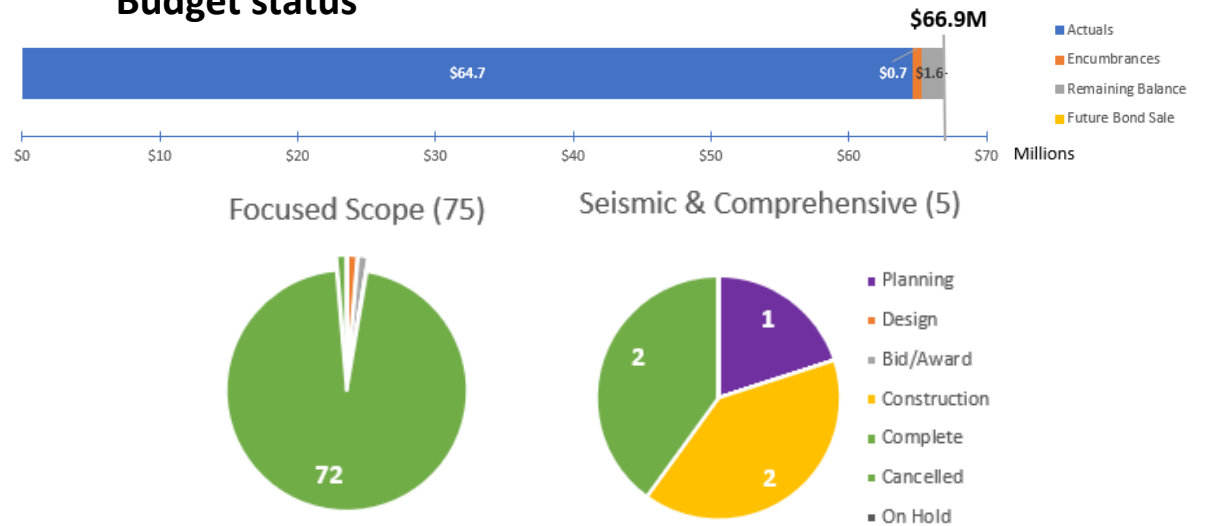
## Recent accomplishments

- **FS 16** – Final completion achieved on 6/7/19
- **FS 5** – Substantial completion achieved on 4/26/19; SFFD moved-in and reactivated station on 4/30/19; ribbon cutting ceremony on 5/1/19
- **FS 14 Generator** – CEQA Cat Ex on 12/18/18; Completion of CDs underway
- **App Bay Doors Pkg 6 (7 FSs)** – JOC Work Order #1 to National Garage Door issued for FS 8, 28 & 29 on 6/24/19; JOC kick off meeting on 7/11/19

## Upcoming milestones

- **FS 16** – Issue final payment to contractor; begin financial closeout
- **FS 5** – Final completion in late July 2019; issue final payment to contractor; begin financial closeout
- **FS 14 Generator** – Anticipated submittal to DBI for permit in fall 2019
- **App Bay Doors JOC No. 45 (10 FSs)** – Anticipated mobilization to install in late 2019

## Budget status



# Neighborhood Fire Stations (NFS 2014 – \$80.3M)

Current Phase: **Various**  
Completion Date: **December 2020**

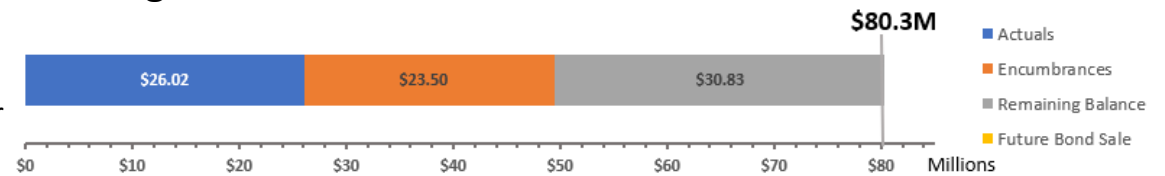
## Recent accomplishments

- **FS 31 Generator** – Awarded \$219K contract to (LBE)BBJ Electric on 6/13/19
- **App Bay Doors JOC No. 46 (16 FSs)** – JOC Master Contract executed with Byron Epp Inc on 5/31/19. JOC Work Orders issued for 16 stations
- **Showers (FS 17, 19 33)** 90% complete
- **Fireboat Station 35** – BCDC approved permit on 4/18/19; Port Commission approved new PORT/FIR MOU on 5/28/19, predecessor to Port permits

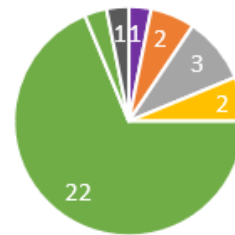
## Upcoming milestones

- **FS 31 Generator** – NTP in August 2019
- **FS 2 Generator** – Permit issued by DBI August 2019
- **FS 19 Generator** – Permit issued by DBI Fall 2019
- **App Bay Doors JOC No. 46 (16 FSs)** – Procurement of materials to commence in Fall 2019
- **Showers Pkg 2 (FS 17, 19, 33)** – Substantial completion early August 2019
- **Exterior Envelope Pkg 1 (FS 8, 20, 23, 29)** – Work to begin at FS 8 and FS 29 in Summer/Fall 2019;
- **Fireboat Station 35** – Begin demolition activities at Pier 22 ½ September 2019; float arrive at Pier 1, Treasure Island in FY19-20 Q3
- **Pier 26 Fireboat Berths** – Final completion delayed to October 2019, due to PG&E

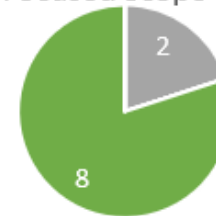
## Budget status



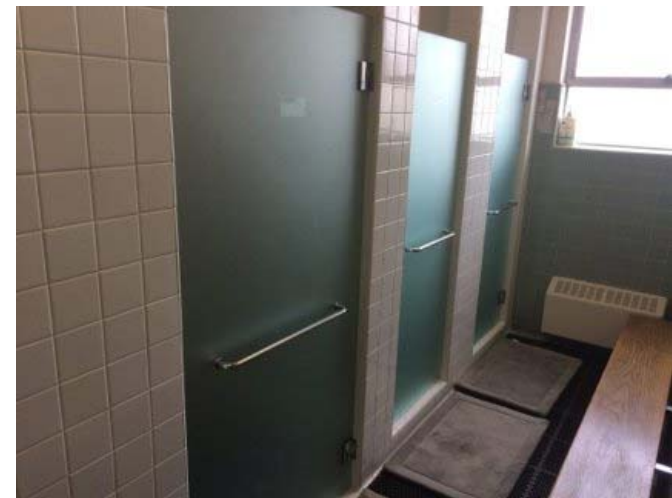
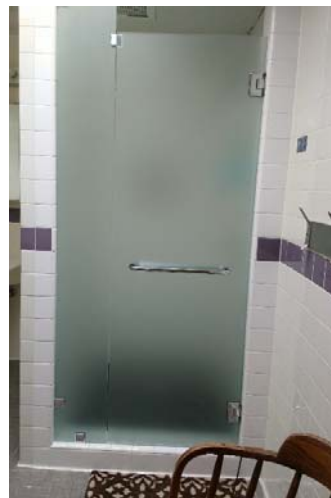
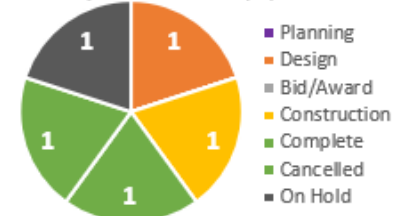
Focused Scope (32)



Other Focused Scope (10)



Seismic & Comprehensive (5)



# Emergency Firefighting Water System (EFWS 2010 – \$102.4M)

Current Phase: **Various**  
Completion Date: **December 2020**

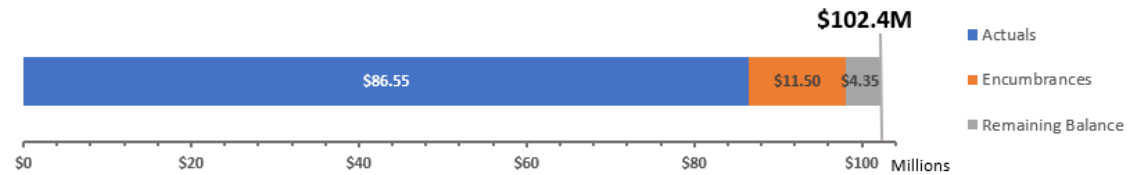
## Recent accomplishments

- **Pumping Station 2** – Construction continues

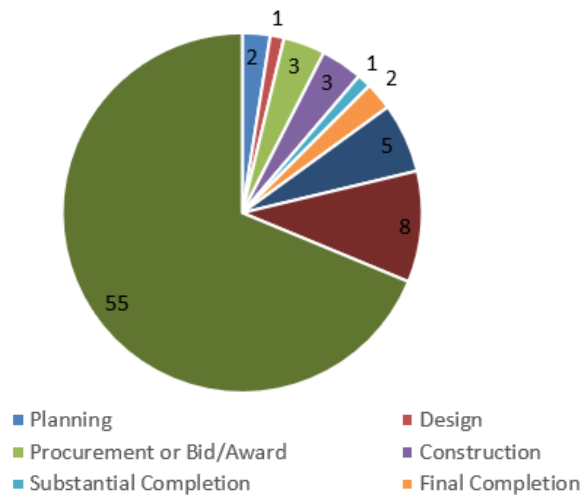
## Upcoming milestones

- **Pumping Station 2** – Final completion anticipated in April 2020

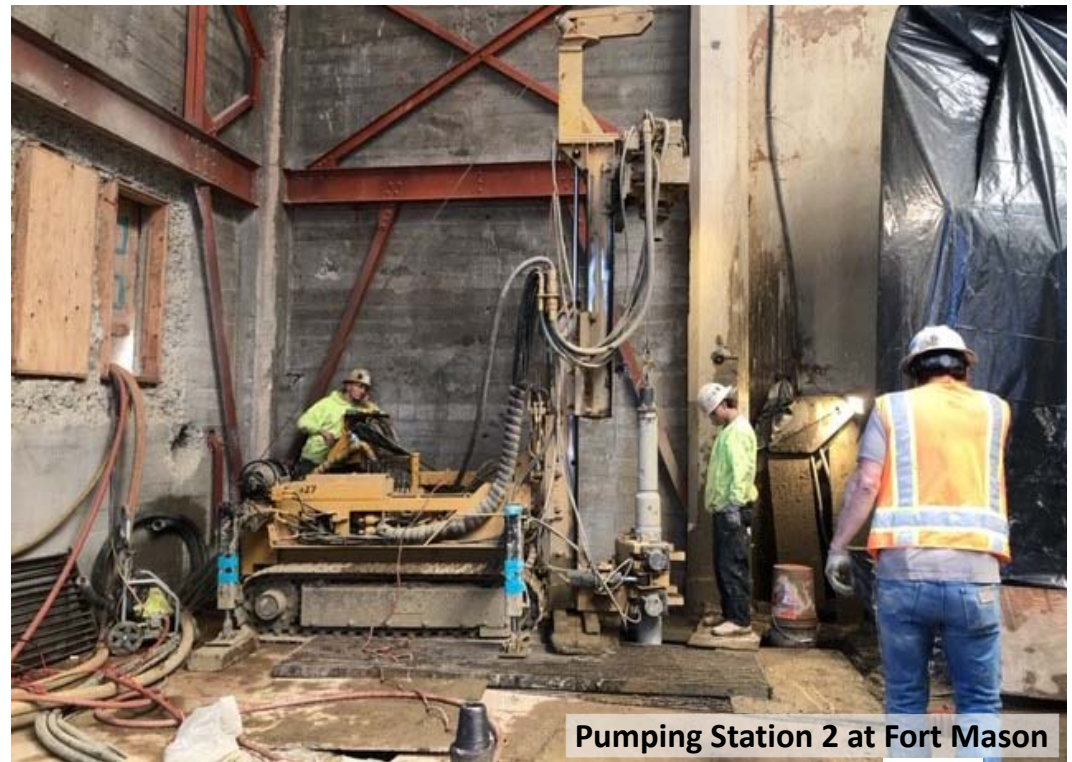
## Budget status



## Budget allocation | 80 Projects\*



\*Combined ESER 2010 & 2014 projects' status



Pumping Station 2 at Fort Mason

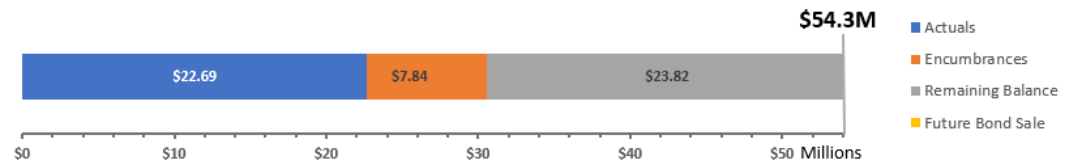
# Emergency Firefighting Water System (EFWS 2014 – \$54.3M)

Current Phase: **Various**  
Completion Date: **December 2020**

## Recent accomplishments

- **Irving Street Pipeline** – Construction completed in March 2019
- **Ashbury Bypass Pipeline & Mariposa/Terry Francois Pipeline** – Construction continued

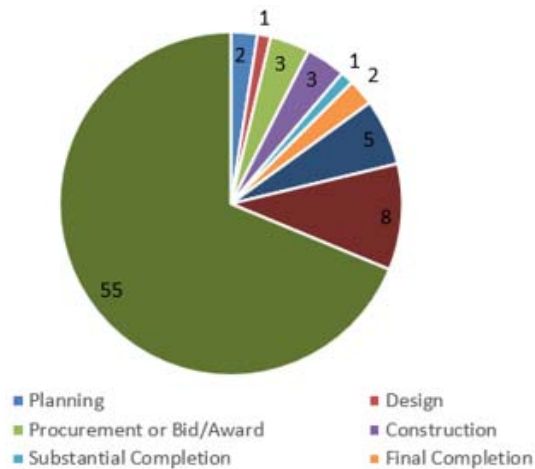
## Budget status



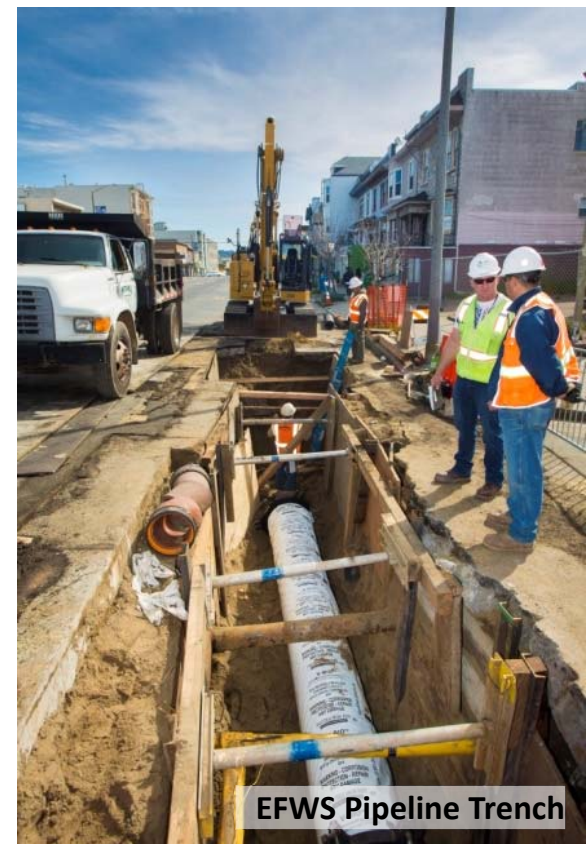
## Upcoming milestones

- **Ashbury Bypass Pipeline** – Substantial completion anticipated in July 2019
- **19th Avenue Pipeline** – Advertise in February 2020
- **Clarendon Supply Pipeline** – Advertise in August 2019
- **Terry Francois/Mission Rock** – Advertise in August 2019

## Budget allocation | 80 Projects\*



\*Combined ESER 2010 & 2014 projects' status



EFWS Pipeline Trench

# Police Facilities (PF 2014 – \$29.6M)

Current Phase: **Construction**  
Completion Date: **July 2019**

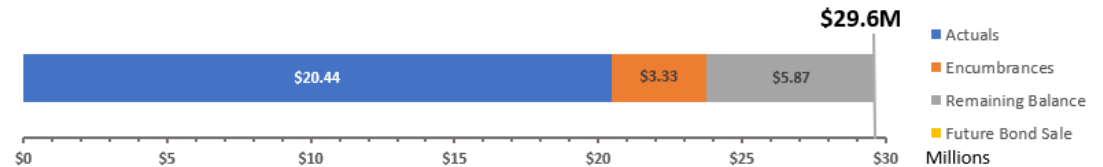
## Recent accomplishments

- **Northern, Richmond, Taraval Renovations** – New generator, fuel tank, and supply fan installed at Richmond, pending fire marshal and DBI final inspection
- **Park & Ingleside Renovations** – New generators and fuel tank installed; new chiller at Park installed
- **MEP Pkg 2 (Bayview & Tenderloin)** – Storm/sewer system upgrade completed at Tenderloin; new concrete ramp at Tenderloin poured; generator permit approved by DBI

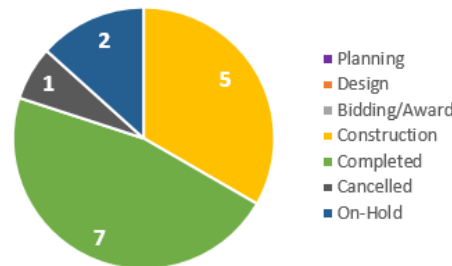
## Upcoming milestones

- **Northern, Richmond, Taraval Renovations** – Achieve substantial completion in April 2019
- **Park and Ingleside Station** – Structural work at Park Station to be completed in June/July 2019
- **MEP Pkg 2 (Bayview & Tenderloin)** – New chiller and AHU to be installed at Bayview in April / May 2019; new generators to be installed in Q3 2019.

## Budget status



## Budget allocation



**15 total projects  
(12 locations)**



Park Station



# Office of the Chief Medical Examiner (OCME 2014 – \$67.5M)

Current Phase: **Closeout**  
Completion Date: **March 2018**

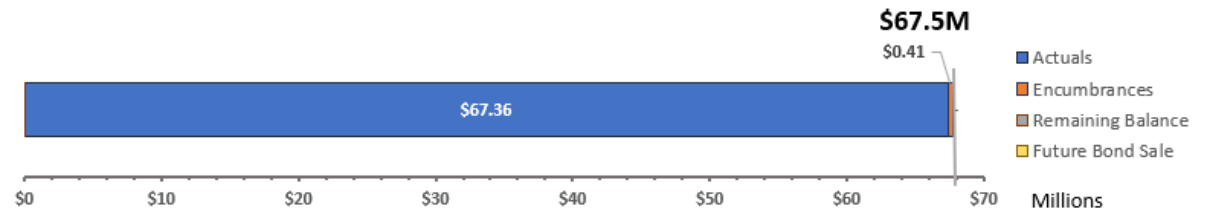
## Recent accomplishments

- N/A

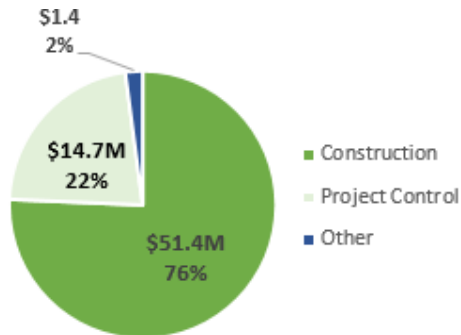
## Upcoming milestones

- Final payment to executive architect in process
- LEED Gold certification from USGBC

## Budget status



## Budget allocation



# Traffic Company & Forensic Services Division (TCFSD 2014 – \$163.3M\*)

Current Phase: **Design**  
Completion Date: **Fall 2021**

## Recent accomplishments

- 50% CD issued in May 2019
- Bids received for the following trades: glazing and Metal Panels, Plumbing, HVAC, Electrical, low-voltage, fire protection, deep foundations, and structural steel

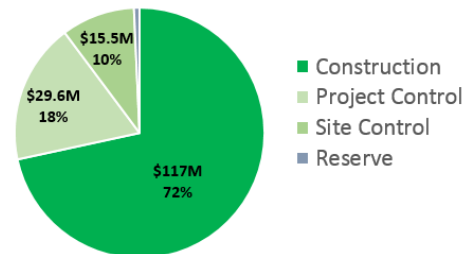
## Upcoming milestones

- Groundbreaking Ceremony in August 2019
- Grading to begin on August 12, 2019; indicator pile program to follow
- 95% Construction Documents due in late-August 2019
- RFP for remaining trades to be advertised in early September 2019
- SFAC Civic Design Review Phase 3

## Budget status



## Budget allocation



## Additional Funding Sources:

Project is in funding deficit of \$17.3M – following are sources:

- ESER2010 Interest: \$500K
- ESER2010 PSB savings: \$7.2M
- ESER2014 Estimated COI Savings: \$1M (\*Current appropriation includes est. COI savings)
- Deferred Projects: \$8.645M



# Attachment 1 | Budget Status and Financial Plan (ESER 2010)

**ESER 2010: As of June 2019**

Bond Components and Projects	Bond Authorized Amount	Revised Budget (ii)	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Public Safety Building (PSB) (iii)	239,000,000	236,661,975	236,661,975	228,861,444	0	7,800,531	97%
Neighborhood Fire Stations (NFS)	64,000,000	66,906,313	66,906,313	64,669,710	661,273	1,575,329	97%
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,001	102,400,001	86,546,077	11,504,576	4,349,348	85%
Oversight, Accountability & Cost of Issuance	6,900,000	2,545,864	2,545,864	2,022,299	0	523,564	79%
Public Works Program Reserve		2,443,743	2,443,743			2,443,743	0%
Appropriated Unallocated Interest		4,415,033	4,415,033			4,415,033	0%
<b>TOTAL (i)</b>	<b>412,300,000</b>	<b>415,372,929</b>	<b>415,372,929</b>	<b>382,099,530</b>	<b>12,165,849</b>	<b>21,107,549</b>	<b>92%</b>

(i) PeopleSoft financial data thru Q4 FY2019

(ii) Revised budgets based on PeopleSoft appropriations; data subject to change per clean-up efforts

(iii) Estimated savings included in project balance; project financial close out in process

# Attachment 1 | Budget Status and Financial Plan (ESER 2014)

**ESER2014: As of June 2019**

Bond Components and Projects	Bond Authorized Amount	Revised Budget (ii)	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Office of the Chief Medical Examiner (OCME)	63,895,000	67,533,024	67,533,024	67,360,642	407,879	-235,498	100%
Traffic Company & Forensic Services Division (TC/FSD)	162,195,000	163,375,150	163,375,150	34,777,914	6,989,096	121,608,140	21%
Police Facilities (PF)	29,490,000	29,645,661	29,645,661	20,443,902	3,330,620	5,871,139	69%
Neighborhood Fire Station (NFS)	83,555,000	80,351,381	80,351,381	26,018,021	23,502,862	30,830,498	32%
Emergency Firefighting Water System (EFWS)	54,065,000	54,347,209	54,347,209	22,691,543	7,835,177	23,820,489	42%
Oversight, Accountability & Cost of Issuance	6,800,000	2,284,545	2,284,545	60,194	0	2,224,351	3%
Public Works Program Reserve		451,187	451,187			451,187	0%
<b>TOTAL (i)</b>	<b>400,000,000</b>	<b>397,988,157</b>	<b>397,988,157</b>	<b>171,352,215</b>	<b>42,065,635</b>	<b>184,570,307</b>	<b>43%</b>

(i) PeopleSoft financial data thru Q4 FY2019

(ii) Revised budgets based on PeopleSoft appropriations; data subject to change per clean-up efforts

## Attachment 2 | Overall Bond Summary (ESER 2010 & 2014)

The Earthquake Safety and Emergency Response (ESER 2010) Bond Program consists of three components: the **Public Safety Building (PSB)**, the **Neighborhood Fire Stations (NFS)**, and the **Auxiliary Water Supply System (AWSS)**. The SFPUC manages the AWSS component and Public Works manages the remaining components. To date, there have been no upsets that would seriously compromise any client department's expectations for the successful delivery of any project.

The ESER 2014 is comprised of five components: **Office of the Chief Medical Examiner (OCME)**; **Traffic Control & Forensic Services Division (TCFSD)**; **Neighborhood Fire Stations (NFS)**; **Emergency Firefighting Water System (EFWS)**; and **Police Facilities (PF)**. The SFPUC manages the EFWS component and Public Works manages the remaining components.

The following is a brief summary of each component.

### **Public Safety Building (2010)**

The Public Safety Building (PSB) provides a new venue for the SFPD Headquarters – effectively the command and control administration of the City's police department-including the relocation of Southern District Station and a new Mission Bay Fire Station. Included in the project is the reuse of Fire Station #30, which serves as a multi-purpose facility for the Fire Department and the community. Historic resource consultants have determined that the existing fire station is eligible for the National Register of Historic Places. Consistent with the Mission Bay SEIR Addendum No. 7, Mitigation Measures, Item D.02, this facility was retained and reused in a manner that preserves its historic integrity. The other components of the project were designed to be respectful of the historic integrity of the existing fire station.

### **Neighborhood Fire Stations (2010 & 2014)**

The ESER 2010 bond will renovate or replace selected fire stations to provide improved safety and healthy work environment for the firefighters. The selected stations are determined according to their state of condition and their importance for achieving the most effective delivery of fire suppression and emergency medical services possible.

The ESER 2014 bond program is anticipated to continue the work of ESER 2010 bond, categorizing projects according to the three categories of *Focused Scope, Comprehensive, and Seismic*. The ESER 2014 bond program will continue to address identified and prioritized needs at Fire Stations that were previously not addressed under the 2010 program. Significant improvements will have been completed at all SFPD Fire Stations at the conclusion of the 2010 and 2014 bond programs.

### **Auxiliary Water Supply System and Emergency Firefighting Water System (AWSS & EFWS) (2010 & 2014)**

The Emergency Firefighting Water System includes the Auxiliary Water Supply System's high-pressure water and cistern water storage for fire suppression in several areas of the City. The Emergency Firefighting Water System is vital for protecting against the loss of life, homes, and businesses from fire following an earthquake. It is also used for the suppression of non-earthquake multiple-alarm fires.

The Earthquake Safety and Emergency Response Bonds of 2010 and 2014 will seismically improve the Auxiliary Water Supply System (AWSS) cisterns, pipelines, tunnels and physical plant.