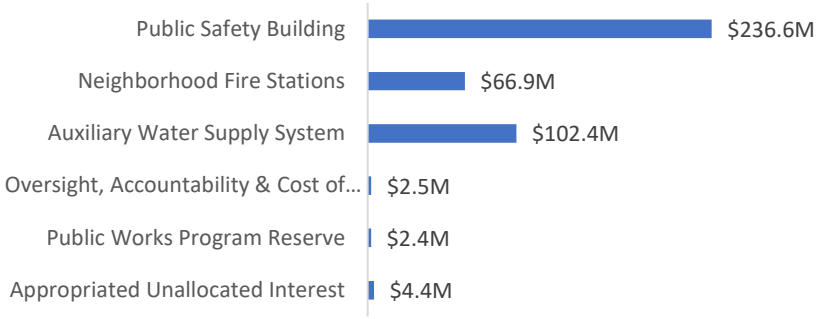
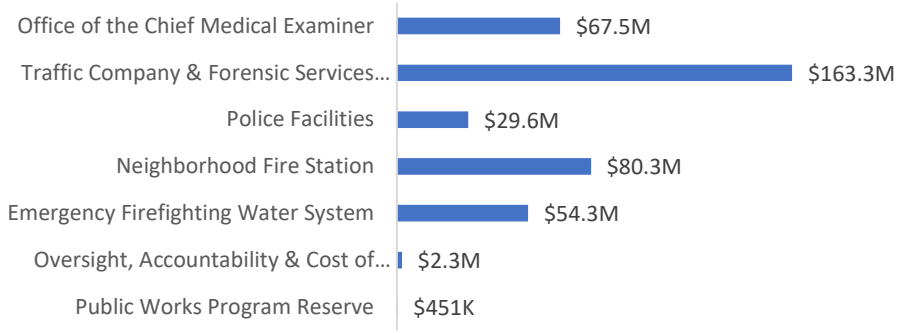
Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report
Presented to the Citizens' General Obligation Bond Oversight Committee
For the First Quarter of FY 19-20 – as of December 2019

Overview of ESER 2010 Scope and Budget
$415M



Overview of ESER 2014 Scope and Budget
$397M



Fireboat Station No. 35 at Pier 22 ½
Demolition of Dilapidated Finger Piers – Complete

Traffic Company & Forensic Services Division
Waterproofing and Rebar Below Foundation Slab

SAN FRANCISCO PUBLIC WORKS

ESER Bond Program 2010 & 2014 | Executive Summary

I. Highlights and accomplishments

- Pump Station 2 construction continues
- FS35 demolition completed in October; Port permit for superstructure issued on November 22
- TCFSD installed steel foundation piles and placed concrete mud slab; SFAC Civic Design Review Committee unanimously approved Phase #3 on December 16

II. Upcoming milestones

- FS5 final completion and contract closeout
- FS16 complete financial closeout
- Police Station Projects' final completion
- FS35 float and other marine steel elements to be delivered to Pier 1 at Treasure Island in January 2020
- TCFSD 100% CD due in January 2020; Structural steel topping-out in April/May 2020

III. Bond sales and appropriations

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

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
- Financial reporting difficulties, due to City wide financial system transition

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

Current Phase: Closeout
Completion Date: February 2016

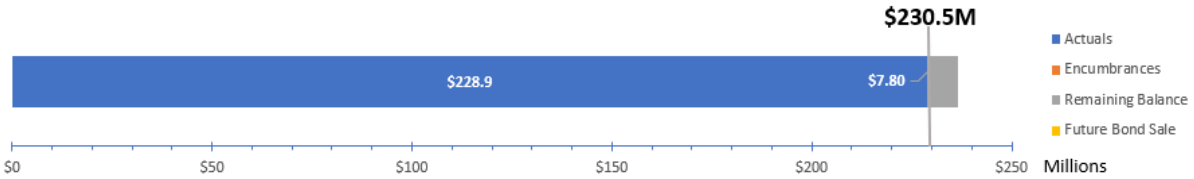
Recent accomplishments

- Estimated savings is $7.8M (currently in project balance, to be realized post financial closeout).

Upcoming milestones

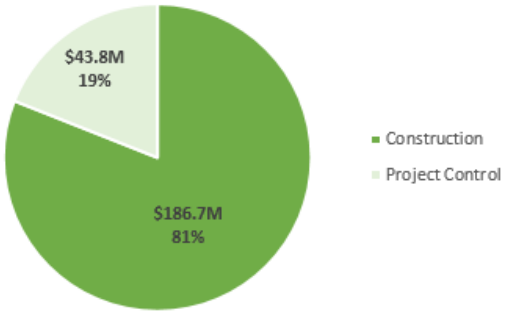
- Financial closeout is underway; project savings are being finalized and will be reallocated to ESER2010 reserve in Q2 FY2020.

Budget status



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

Budget allocation



Neighborhood Fire Stations (NFS 2010 – $66.9M)

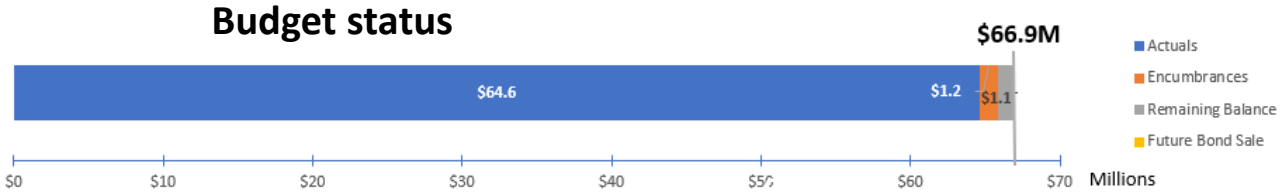
Current Phase: Various
Completion Date: June 2021

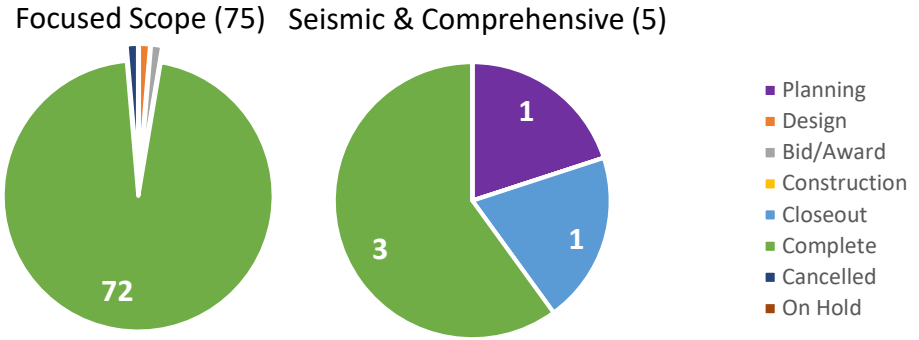
Recent accomplishments

- **FS 14 Generator** – Submitted to DBI for permit on 11/25/19
- **App Bay Doors (10 FSs) JOC No. J45, National Garage Door** – NTPs for all stations issued on 10/28/19 and 11/25/19

Upcoming milestones

- **FS 16** – Issue final payment to contractor; complete financial closeout
- **FS 5** – Achieve final completion; issue final payment to contractor; complete financial closeout
- **App Bay Doors (10 FSs) JOC No. J45, National Garage Door** – Final completion anticipated in June 2020





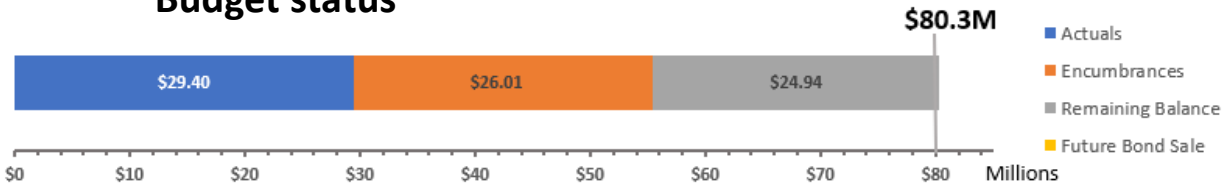
Neighborhood Fire Stations (NFS 2014 – $80.3M)

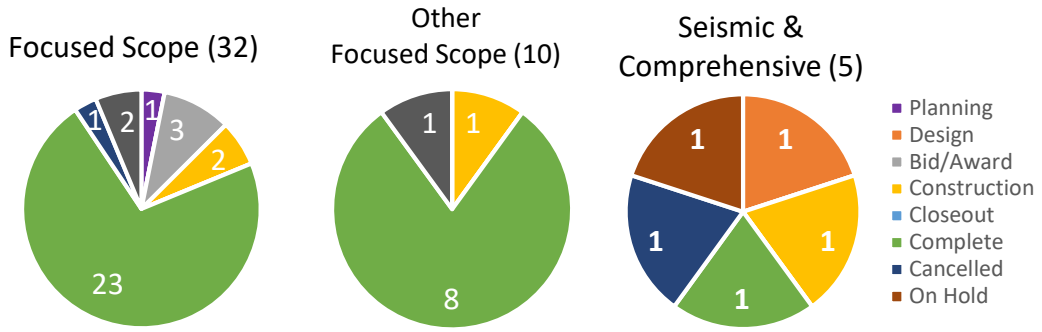
Current Phase: Various
Completion Date: June 2021

Recent accomplishments

- **FS 31 Generator** – Construction 30% complete
- **FS 2 Generator** – On 11/20/19, bids received over budget; re-bid with FS 19 generator in Jan 2020
- **App Bay Doors (15 FSs) JOC No. J46, Byron Epp Inc:** NTPs for all stations issued between 10/28/16 and 12/16/19
- **Showers (FS 17, 19, 33)** – Completed
- **FS 8 Exterior Envelope** – Completed in November
- **FS 29 Exterior Envelope** – Commenced in December; 10% complete
- **FS 35** – Demolition of finger piers at Pier 22 ½ in October; Port issued permit for superstructure on 11/22/19; 100% CDs submitted for review on 12/10/19
- **Pier 26 Fireboat Berths** – PG&E completed work on 12/06/19. Contractor to finish remaining electrical work by mid-February 2020

Budget status





Upcoming milestones

- **FS 31 Generator** – Substantial Completion in April 2020 (anticipated earlier)
- **FS 2 & 19 Generators** – Advertise Invitation to Bid in January 2020; Bids anticipated in late February 2020
- **App Bay Doors JOC No. J46 (15 FSs)** – Substantial Completion for all stations anticipated in June 2020
- **FS 29 Exterior Envelope** – Anticipated completion in spring 2020
- **FS 35** – Steel float to be delivered to Pier 1 at Treasure Island in Jan 2020 to begin superstructure work
- **Pier 26 Fireboat Berths** – Final completion delayed to February 2020 due to the PG&E's lack of scheduling inspections/work in a timely manner

Station 31 Emergency Generator – Placement of Concrete Pad

SAN FRANCISCO PUBLIC WORKS

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

Current Phase: Various
Completion Date: December 2020

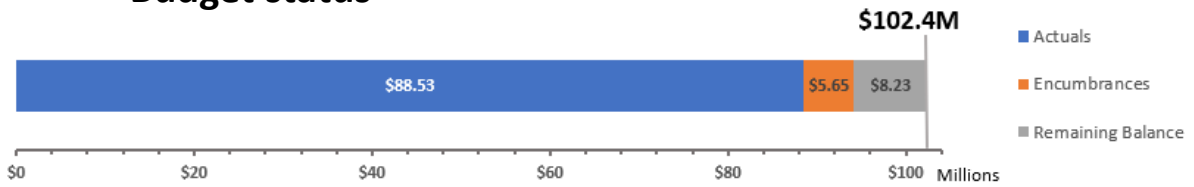
Recent accomplishments

- **Pumping Station 2** – Construction continues

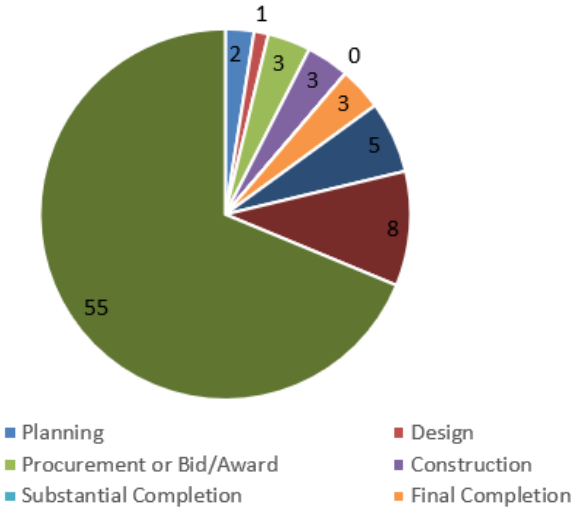
Upcoming milestones

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

Budget status



Budget allocation | 80 Projects*



*Combined ESER 2010 & 2014 projects' status

Pumping Station 2 at Fort Mason

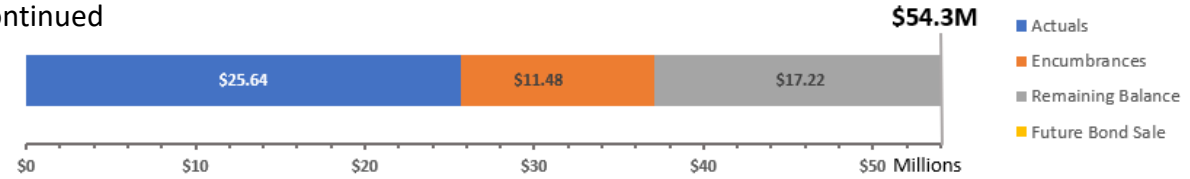
Emergency Firefighting Water System (EFWS 2014 – $54.3M)

Current Phase: Various
Completion Date: December 2020

Recent accomplishments

- **Ashbury Bypass Pipeline** – Construction continued
- **Mariposa/Terry Francois Pipeline** – Construction completed

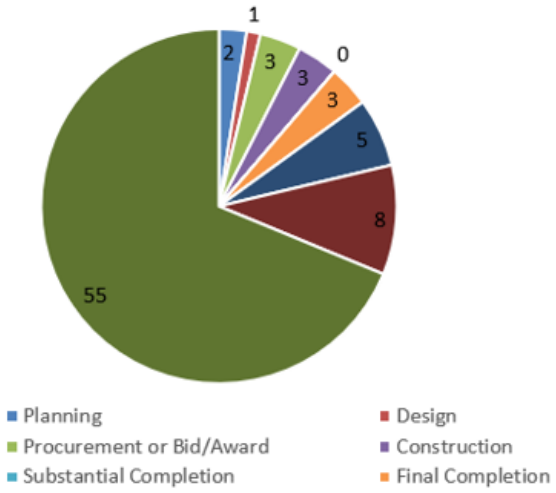
Budget status



Upcoming milestones

- **Ashbury Bypass Pipeline** – AWSS construction completion in February 2020
- **19th Avenue Pipeline** – Advertise in February 2020
- **Clarendon Supply Pipeline** – Advertise in January 2020
- **Terry Francois/Mission Rock/Warriors Way** – Evaluation of bids

Budget allocation | 80 Projects*



*Combined ESER 2010 & 2014 projects' status

EFWS Pipeline Trench

Police Facilities
(PF 2014 – $29.6M)

Current Phase: Construction
Completion Date: February 2020

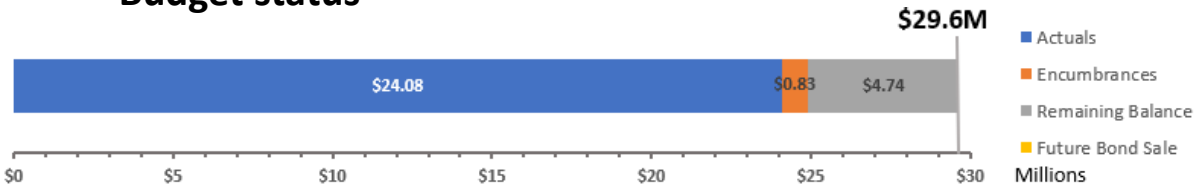
Recent accomplishments

- **Northern, Richmond, Taraval Renovations** – Testing, balancing, and commissioning HVAC system. Completion of punchlist.
- **Park & Ingleside Renovations** – Air balancing; commissioning of HVAC units; punchlist issued.
- **MEP Pkg 2 (Bayview & Tenderloin)** – DBI Inspector requested fire egress improvements at Tenderloin; fuel line replacement at Bayview in progress.

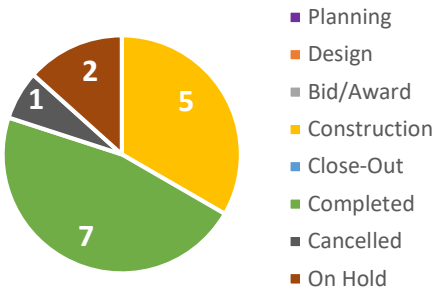
Upcoming milestones

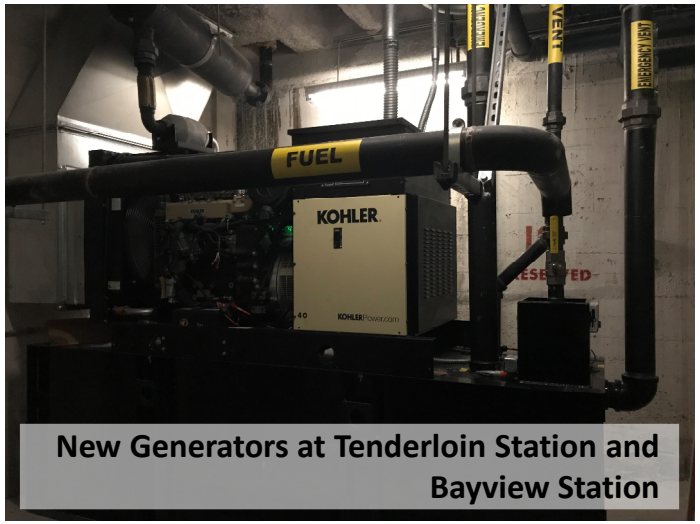
- **Northern, Richmond, Taraval Renovations** – Achieve substantial completion by January 2020.
- **Park and Ingleside Station** – Achieve substantial completion in January 2020.
- **MEP Pkg 2 (Bayview & Tenderloin)** – Achieve substantial completion in February 2020.

Budget status



Budget allocation





New Generators at Tenderloin Station and Bayview Station

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

Current Phase: Closeout
Completion Date: March 2018

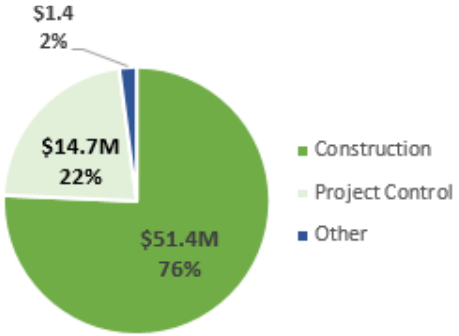
Recent accomplishments

- N/A

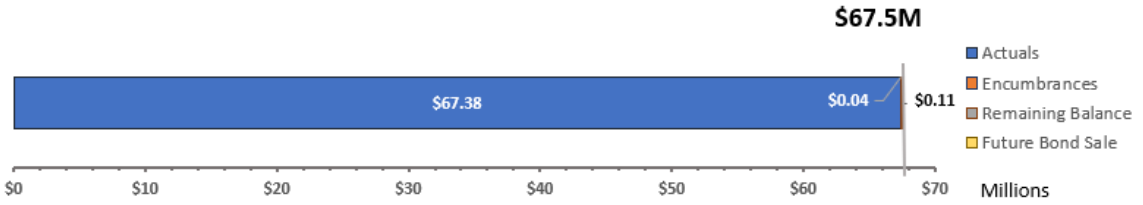
Upcoming milestones

- LEED Gold certification from USGBC; 52 points awarded, six points are under review, two points are being appealed (60 points required for LEED Gold)
- Final payment to executive architect pending LEED Gold certification

Budget allocation



Budget status



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

Current Phase: Design & Construction
Completion Date: Fall 2021

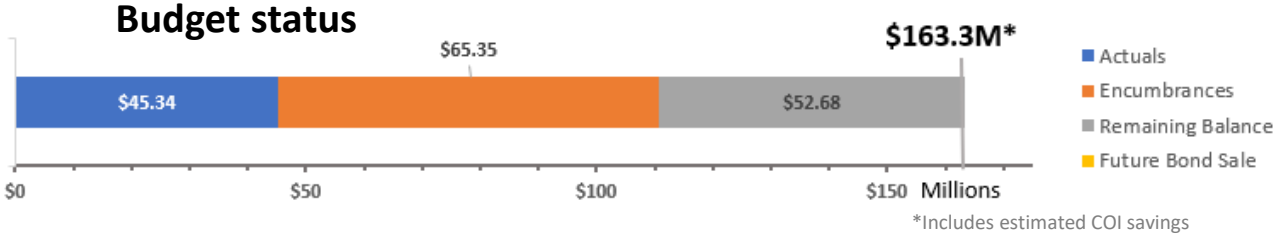
Recent accomplishments

- Indicator pile program completed
- Production pile installation completed
- Permit application approved by DBI for exterior cold-formed metal framing
- SFAC Civic Design Review Committee unanimously approved Phase #3 on December 16, 2019

Upcoming milestones

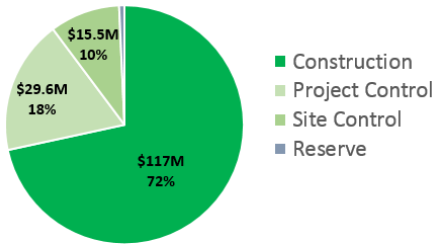
- 100% Construction Documents to be issued in January 2020
- Buy-out of 95% of the construction trades by Dec. 2019/Jan. 2020
- Place foundation slab starting in January 2020
- Structural steel topping-out in April/May 2020

Budget status



*Includes estimated COI savings

Budget allocation



Additional Funding Sources:

Project is in funding deficit of $17.3M – potential sources:

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

Driving Deep Foundation Steel H-Piles

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

ESER 2010: As of December 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	228,865,318	0	7,796,657	97%
Neighborhood Fire Stations (NFS)	64,000,000	66,906,313	66,906,313	64,628,750	1,184,845	1,092,718	97%
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,001	102,400,001	88,527,602	5,646,010	8,226,389	86%
Oversight, Accountability & Cost of Issuance	6,900,000	2,545,864	2,545,864	2,074,056	0	471,807	81%
Public Works Program Reserve		2,443,743	2,443,743	0	0	2,443,743	0%
Appropriated Unallocated Interest		4,415,033	4,415,033	0	0	4,415,033	0%
TOTAL (i)	**412,300,000**	**415,372,929**	**415,372,929**	**384,095,727**	**6,830,855**	**24,446,347**	**92%**

(i) PeopleSoft financial data thru Q2 FY2020

(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 December 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	67,383,416	41,914	107,693	100%
Traffic Company & Forensic Services Division (TC/FSD)	162,195,000	163,375,150	163,375,150	45,344,911	65,349,058	52,681,181	28%
Police Facilities (PF)	29,490,000	29,645,661	29,645,661	24,077,669	825,992	4,742,000	81%
Neighborhood Fire Station (NFS)	83,555,000	80,351,381	80,351,381	29,397,217	26,012,553	24,941,612	37%
Emergency Firefighting Water System (EFWS)	54,065,000	54,347,209	54,347,209	25,643,303	11,479,210	17,224,696	47%
Oversight, Accountability & Cost of Issuance	6,800,000	2,284,545	2,284,545	1,590,562	0	693,983	70%
Public Works Program Reserve		451,187	451,188	0	0	451,188	0%
TOTAL (i)	**400,000,000**	**397,988,157**	**397,988,157**	**193,437,079**	**103,708,727**	**100,842,352**	**49%**

(i) PeopleSoft financial data thru Q2 FY2020

(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 SFFD 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.

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

Office of Chief Medical Examiner (2014)

The existing OCME is located at the Hall of Justice (HOJ) at 850 Bryant Street. The HOJ is over 50 years old and seismically deficient. In the event of a major earthquake, this building is not expected to be operational. This project is part of a larger strategy to replace the Hall of Justice established in the City's 10-Year Capital Plan as the Justice Facilities Improvement Program (JFIP).

The $65M project will relocate the OCME to One Newhall Street in the India Basin Industrial Park. The new facility will house approximately 50 employees who are organized into the four units of the OCME: Field Investigations, Medical/Autopsy, Laboratory, and Administration.

SFPD Traffic Company and Forensic Service Division (TC & FSD) (2014)

The SFPD Traffic Company (TC) is currently located at the Hall of Justice (HOJ) at 850 Bryant Street. The SFPD Forensic Services Division (FSD) is currently located at two facilities. The FSD Administration, Crime Scene Investigations, and Identification units, with approximately 60 employees, are housed at HOJ. The FSD Crime Lab, with approximately 25 employees, is housed at Building 606 in the Hunters Point Shipyard.

The project will relocate the TC & FSD to a site located at 1995 Evans Avenue, Mission Bay, San Francisco. The project is being developed to support 109 employees for 2020 FSD demand within approximately 70,000 sf and allows for a potential future expansion if required. The SFPD – TC will support 94 employees for 2020 demand within 16,500 sf plus 8100 sf motorcycle parking garage. The Real Estate Division occupies approximately 2,100 sf with up to 7 full time employees plus meeting space to accommodate an additional 6 visiting staff. With common spaces the building is approximately 103,600 sf.

Police Facilities (2014)

This bond program component includes various *Focused Scope and Comprehensive* facility upgrade projects at 12 police facilities – 9 district stations and 3 support facilities - across the City. The work scopes are derived from a series of onsite investigations, observations, and professional evaluations of different building systems that include mechanical, electrical, plumbing, fire protection, and structural safety. It also includes assessments of seismic strength, building envelope (i.e. integrity of roof, doors, windows, and walls), ADA accessibility requirements, as well as other site improvements that ensure safety and security.

The project's overall budget is $30M, the cost to address all Police Facilities building issues is estimated as above $250M, and therefore project priorities are selected per recommendations by the Citywide Capital Plan, including state of condition and the importance of particular improvements in achieving the most effective delivery of police services possible. The building deficiencies that inhibit public access, or that may compromise occupant life safety, and others that pertain to code compliance, will get the first priority.

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www.sfearthquakesafety.org