

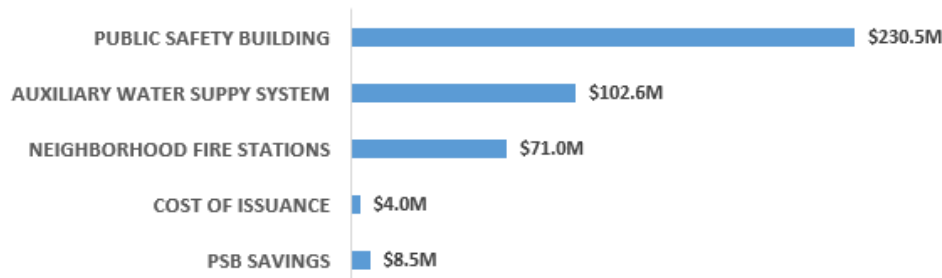
Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report

Presented to the Citizens' General Obligation Bond Oversight Committee

For the Second Quarter of FY 17-18 - as of December 2017 (financials thru Fiscal Year End 2017)

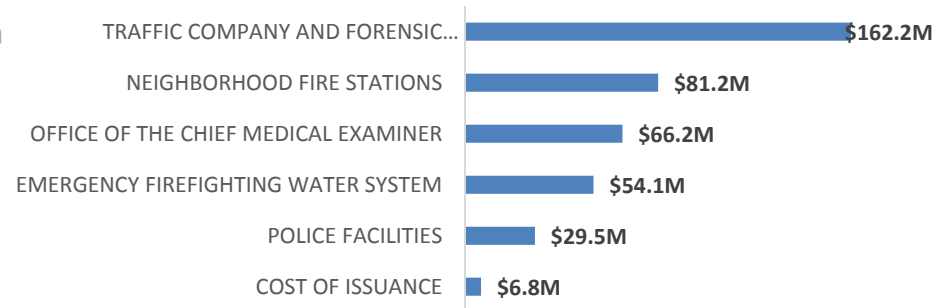
Overview of ESER 2010 Scope and Budget \$417M



FS 5 Structural Steel Framing



Overview of ESER 2014 Scope and Budget \$400M



Office of the Chief Medical Examiner

ESER Bond Program 2010 & 2014 | Executive Summary

I. Highlights and accomplishments

- Auxiliary Water Supply System (AWSS 2010) - thirty cisterns are now functional
- FS16 construction underway
- FS5 steel erection substantially complete
- FS35 Design-Build Entity underway
- Traffic Company and Forensic Services Division (TCFSD 2014) Abatement/Demo Contractor and Construction Mgr./Gen'l Contractor (CM/GC) selected

II. Upcoming milestones

- TCFSD CM/GC pre-construction services Phase 1 start date of 11/27/19. Coincides with A/E start of Design Development.
- FS35 completion of Concept Design in January 2018
- FS5 steel completion
- OCME Final Completion in February 2018

III. Bond sales and appropriations

- City has issued six bond sales for ESER 2010 totaling \$412,300,000. \$416,758,553 has been appropriated, inclusive of interest-earned.
- City has issued two bond sales for ESER 2014 totaling \$210,265,000. The third and final bond sale is anticipated in the summer 2018.

IV. Risks, issues or concerns on budget, scope or schedule

- On-going challenging bid environment affects:
 - Active marketplace produces scarcity of labor resulting in fewer bidders/less completion and raises costs
 - Premium cost of construction, i.e. 10% upcharge for market conditions
 - Misaligned budgets impact project scope
 - Responsiveness of trades to schedule obligations

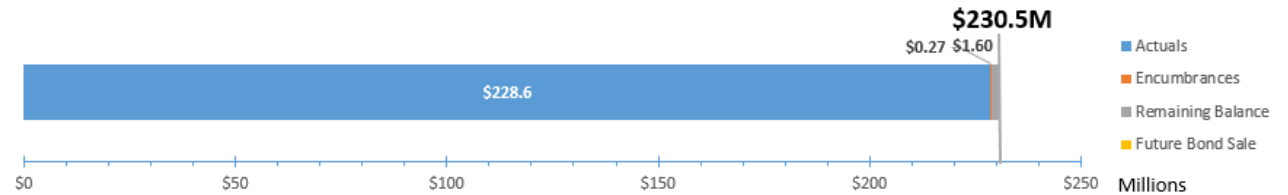
Public Safety Building (PSB 2010 – \$230.5M)

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

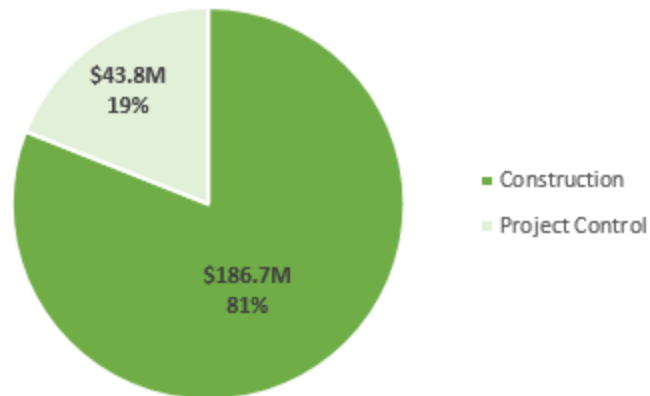
Recent accomplishments

- Current expected savings approximately \$8.5M reflective of Budget Revision #1.

Status of budget



Budget Allocation



Upcoming milestones

- Closeout A/E contract and job order.



Lobby, Public Safety Building



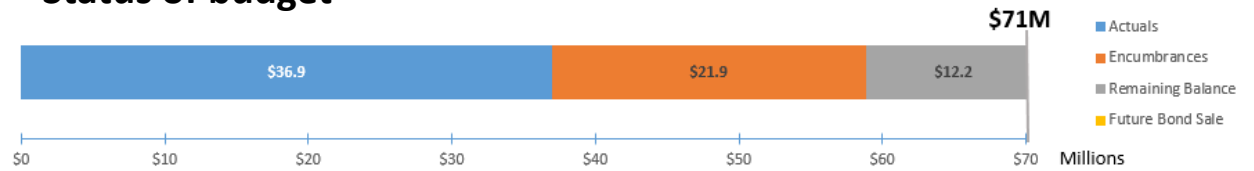
Neighborhood Fire Stations (NFS 2010 - \$71M)

Current Phase: **Various**
 Completion Date: **December 2018**

Recent accomplishments

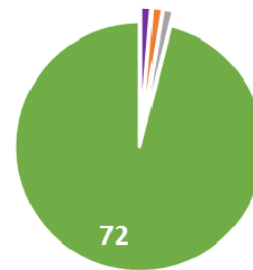
- FS 16 – Structural steel erection substantially complete.
- FS 5 – Placed concrete footings at building perimeter and completed structural steel framing.
- SFFD Headquarters - Exterior Envelope (BBR) – Final Completion on 10.3.17

Status of budget

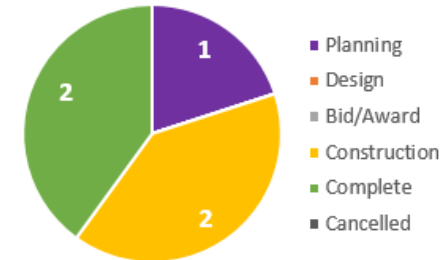


Budget Allocation

Focused Scope (75)



Seismic & Comprehensive (5)



80 total projects

Upcoming milestones

- FS 16 – completion of the building envelope and the roof.
- FS 5 – Complete all structural concrete (slab on grade and all decks).



FS 16 Structural Steel Erection

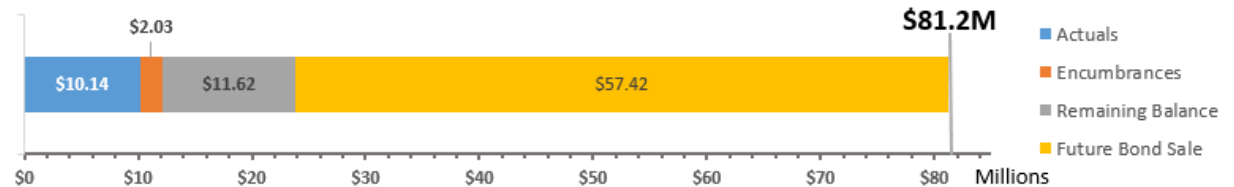
Neighborhood Fire Stations (NFS 2014 – \$81.2M)

Current Phase: **Various**
 Completion Date: **June 2021**

Recent accomplishments –

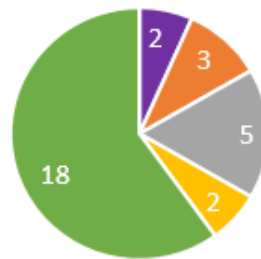
- App Bay Door Pkg. 3 (10 stations) – Notice of Award to DW Nicholson on 10.20.17.
- FS 3 Emergency Declaration for App Bay Door & NOA to DW Nicholson on 12.4.17 (additional other focused scope project)
- Roof Package 5 (6 stations) – Substantial Completion on 12.11.17
- App Bay Doors Ancillary Work Pkg. 4 (BBR) – Substantial Completion of FS 22 & 23 on 12.28.17
- FS 35 – NTP for Design-Build Services to Swinerton-Power was issued on October 10, 2017. Public Meetings held on October 24, 2017, and December 7, 2017.

Status of budget

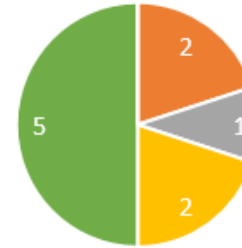


Budget Allocation

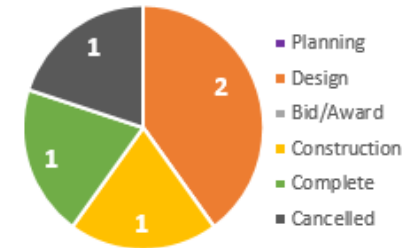
Focused Scope (30)



Other Focused Scope (10)



Seismic & Comprehensive (5)



45 total projects

Upcoming milestones –

- App Bay Door FS 3 Emergency Declaration – Substantial Completion mid January 2018.
- App Bay Door Package 3 (10 Fire Stations)– NTP to DW Nicholson end of February 2018 (delay due to manufacturer’s letter on 10.27.17 following NOA to DW Nicholson that spec’d doors no longer in production.)
- Envelope Pkg. 4 (FS 22) - Invitation to Bid in early January 2018.
- FS 35 – Complete Programming/Concept Phase. Issue NTP for Schematic Design Phase on January 26, 2018.
- Pier 26 Fireboat Berths – Installed foam-filled fenders on November 17, 2017. Value engineering proposal for electrical work is in progress.



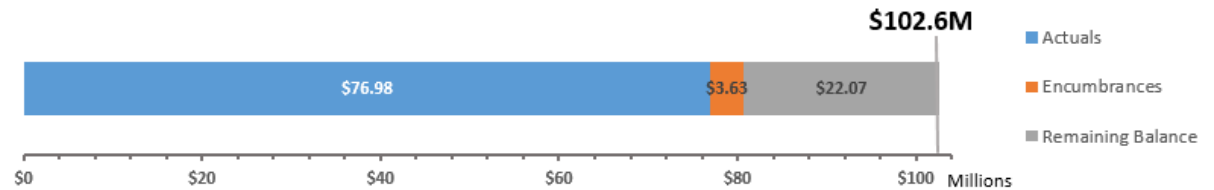
Emergency Firefighting Water System (ESER 2010 - \$102.6M)

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

Recent accomplishments

- Construction continued for Pumping Station 1 (WD-2686) contract.
- Cisterns F (WD-2747) contract final completion, all planned cisterns are functional.
- Pumping Station 2 construction contract (WD-2687) notice-to-proceed issued December 2017.

Status of budget



Upcoming milestones

- Street Valve Motorization and Clarendon Supply contract to be advertised April 2018.



48 total projects



Cisterns (brick circles)

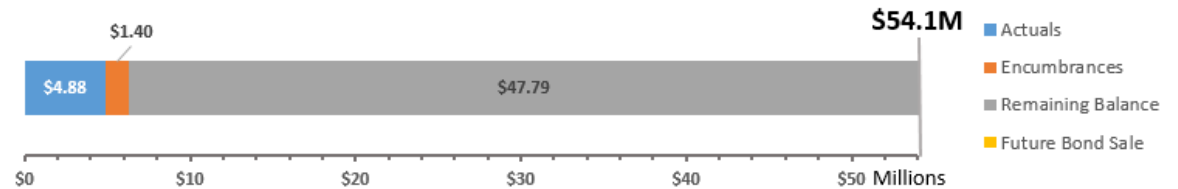
Emergency Firefighting Water System (ESER 2014 – \$54.1M)

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

Status of budget

Recent accomplishments

- Construction continued for Irving Street Pipeline Ashbury Bypass Pipeline bids received in October 2017



Budget Allocation



Upcoming milestones

- 19th Avenue Pipeline contract – Advertise Feb 2018
- Mariposa/Terry Francois pipeline – notice-to-proceed February 2018
- Ashbury Bypass contract – notice-to-proceed March 2018



Cistern under construction

Police Facilities (PF 2014 - \$29.5M)

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

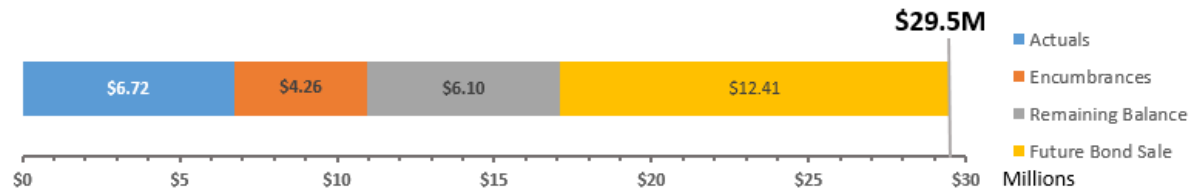
Recent accomplishments

- Issued construction NTP for Park and Ingleside Police Station Renovation in December.
- Issued construction NTP for Firearms Simulation Training Facility in November.
- Police Academy – submitted to DBI for building permit application
- MEP Package 2 – submitted to DBI for building permit application; Bayview station is fully permitted; Tenderloin station is under review.
- Completed structural testing at Mission Police Station Renovation.

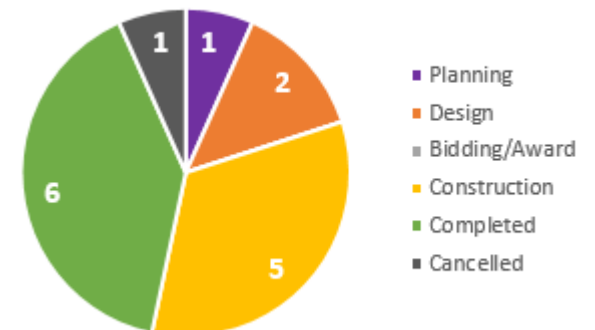
Upcoming milestones

- Achieve substantial completion for the Firearms Simulation Training Facility in March 2018.
- Complete pre-construction phase and begin construction in Park and Ingleside Police Station in February 2018.
- Advertise MEP Package 2 – Bayview and Tenderloin in January 2018.
- Obtain building permit for Police Academy Renovation.
- Complete 65% design for Mission Police Station Renovation.

Status of budget



Budget Allocation



15 total projects (12 loc.s)



Northern Police Station

Office of the Chief Medical Examiner (OCME 2014 - \$66.2M)

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

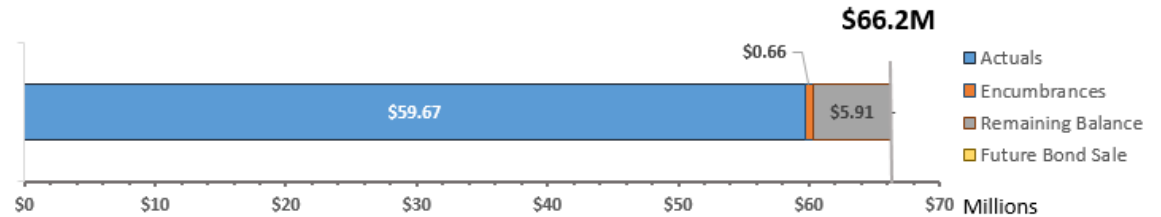
Recent accomplishments

- Roof-top equipment completed in October 2017
- Testing and balancing is ongoing.
- Painting of exterior plaster completed in October 2017
- Sitework and landscaping completed in December 2017
- TCO obtained October 10, 2017
- Ribbon-Cutting Ceremony – November 2, 2017

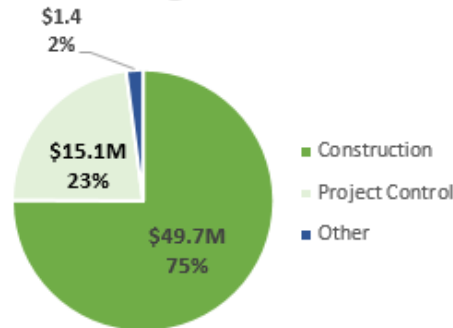
Upcoming milestones

- Complete training and punchlist.
- Obtain Final Certificate of Occupancy in February 2018.

Status of budget



Budget Allocation



Ribbon-Cutting Ceremony

Traffic Company & Forensic Services Division (TC&FSD 2014 - \$162.2M)

Current Phase: **Design**

Completion Date: **Winter 2020**

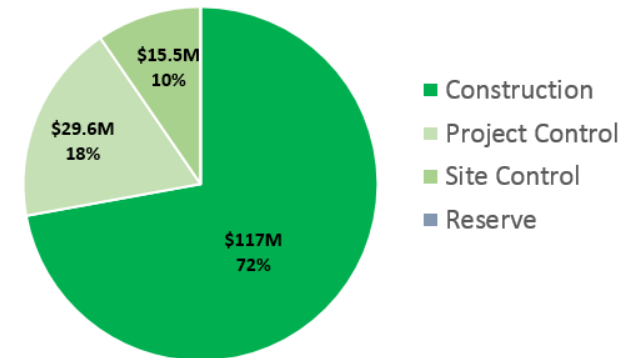
Recent accomplishments:

- “Facility Demolition at 1995 Evans Avenue” (Haz. Mat. & Demo). Azul Works issued NTP with a 10/20/17 start date. RED vacated site on 11/10/17.
- CM/GC + design-build Core Trade Subcontractors (“CM/GC Team”). NTP issued with a 11/27/17 start date. Pre-con Phase 1 kick-off held 11/30/17. Subcontractor cost reconciliation meetings under way.
- TCFSD Site Permit Application submitted to DBI on 12/21/17.

Status of budget



Budget Allocation



Upcoming milestones:

- CM/GC Team budget reconciliation leading up to design-build Core trade Subcontractor bids of the forthcoming Criteria package by the A/E team.
- Pre-Con Phase II when the Core trade Subs assume role of design-builders.



Toland and Evans corner view

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

Components/Projects	Original Budget	Revised Budget	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
			Appropriation	Expenditures	Encumbrance	Balance		
Public Safety Building (PSB)	239,000,000	230,500,000	230,500,000	228,635,201	269,585	1,595,214	99%	99%
Neighborhood Fire Stations (NFS)	64,000,000	71,067,175	71,067,175 (i)	36,937,064	21,887,840	12,242,271	83%	83%
Auxiliary Water Supply System (AWSS)	102,400,000	102,684,472	102,684,472 (i)	76,979,758	3,633,710	22,071,004	79%	79%
Oversight, Accountability & Cost of Issuance	6,900,000	4,006,906	4,006,906 (i)	3,313,271	0	693,635	83%	83%
PSB Savings		8,500,000	8,500,000	0	0	8,500,000	0%	0%
TOTAL	412,300,000	416,758,553	416,758,553	345,865,294	25,791,135	45,102,124	89%	89%

(i) Pending interest earned reallocation into the respective components, totalling \$4.45M.

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

Components/Projects	Original Budget	Revised Budget	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
			Appropriation	Expenditures	Encumbrance	Balance		
Office of the Chief Medical Examiner (OCME)	63,895,000	66,233,024	66,233,024	59,665,999	659,146	5,907,879	91%	91%
Traffic Control & Forensic Services Division (TC/FSD)	162,195,000	162,195,000	46,703,201	23,347,118	1,741,673	21,614,409	15%	54%
Police Facilities (PF)	29,490,000	29,490,000	17,077,654	6,716,544	4,260,680	6,100,429	37%	64%
Neighborhood Fire Station (NFS)	83,555,000	81,216,976	23,793,505	10,143,466	2,025,922	11,624,117	15%	51%
Emergency Firefighting Water System (EFWS)	54,065,000	54,065,000	54,065,000	4,877,891	1,401,714	47,785,397	12%	12%
Component Subtotal	393,200,000	393,200,000	207,872,385	104,751,018	10,089,136	93,032,232	29%	55%
Oversight/Accountability & Cost of Issuance	6,800,000	6,800,000	2,392,617	1,881,237	0	511,380	28%	79%
TOTAL	400,000,000	400,000,000	210,265,000	106,632,255	10,089,136	93,543,612	29%	56%

Attachment 2 | Overall Bond Summary (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 FWSS also includes hose and pump components that will provide above-ground water distribution for fire suppression, primarily in areas not directly served by AWSS. 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 As well as the Flexible Water Supply System (FWSS) components to be procured and implemented.

Attachment 2 | Overall Bond Summary (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 131 employees for 2020 FSD demand within 89,000 gsf and allows for a potential future expansion if required. The SFPD – TC will support 104 employees for 2020 demand within 20,000 gsf.

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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