

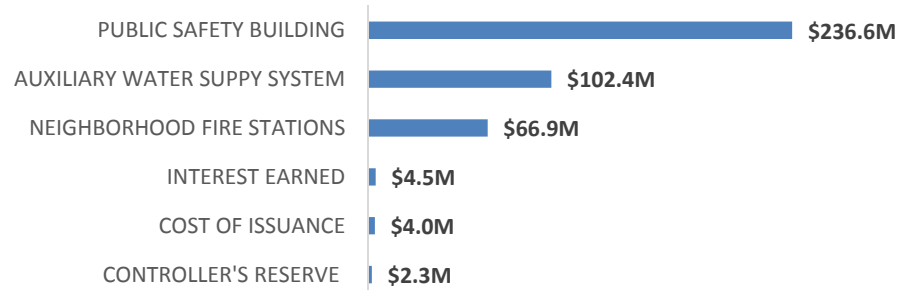
Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report

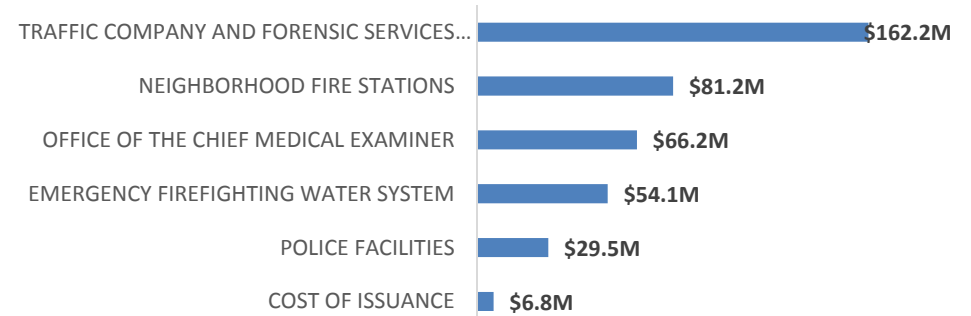
Presented to the Citizens' General Obligation Bond Oversight Committee

For the Fourth Quarter of FY 16-17 - as of June 2017

Overview of ESER 2010 Scope and Budget \$417M



Overview of ESER 2014 Scope and Budget \$400M



ESER Bond Program 2010 & 2014 | Executive Summary

I. Highlights and accomplishments

- Auxiliary Water Supply System (AWSS 2010) - Twenty-six (26) of thirty planned cisterns are functional
- FS16 construction underway
- FS5 construction underway
- FS35 Design-Build Entity selected
- Traffic Company and Forensic Services Division (TCFSD 2014) Abatement/Demo Contractor and Construction Mgr./Gen'l Contractor (CM/GC) selected

III. Bond sales and appropriations

- City has issued six bond sales for ESER 2010 totaling \$412,300,000. \$416,759,261 has been appropriated, inclusive of interest-earned.
- City has issued two bond sales for ESER 2014 totaling \$210,251,174 . \$210,251,174 has been appropriated.

II. Upcoming milestones

- TCFSD CM/GC pending NTP
- TC/FSD to resume design on the award of CM/GC contract expected 1st quarter of FY
- Neighborhood Fire Stations (NFS 2014) - FS35 Design-Build Entity pending NTP
- Medical Examiner facility to complete October '17
- Third Bond sale for ESER 2014 for \$189M expected in December 2017

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

- On-going challenging bid environment affects:
 - Many projects underway or emerging
 - Scarcity of labor raises trade costs
 - Fewer bidders/less competition raises costs
 - Sufficiency of budgets, base scope of projects
- Possible *Project Labor Agreement* (PLA) could create cost impact that would lessen the scope-of-work capacity of any bond.

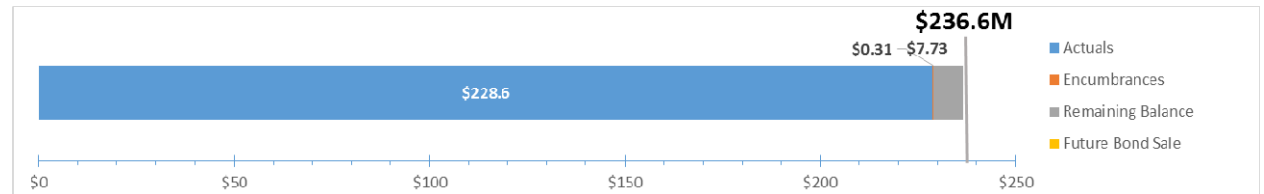
Public Safety Building (PSB 2010 – \$236.6M)

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

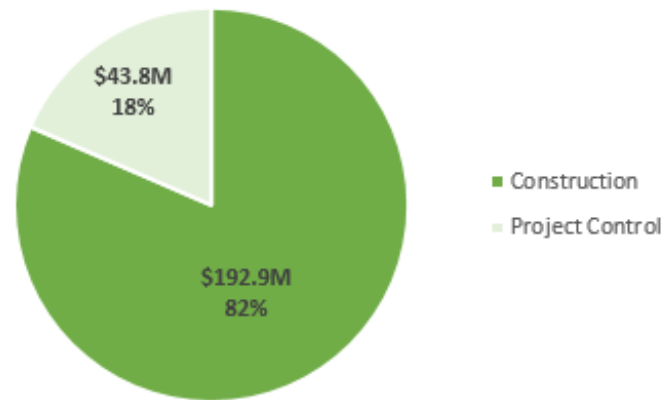
Recent accomplishments

- Construction contract closeout and final payment issued in June.
- Current expected savings approximately \$10M

Status of budget



Budget Allocation



Upcoming milestones

- Closeout A/E contract and job order.



Lobby, Public Safety Building

Neighborhood Fire Stations (NFS 2010 - \$66.9M)

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

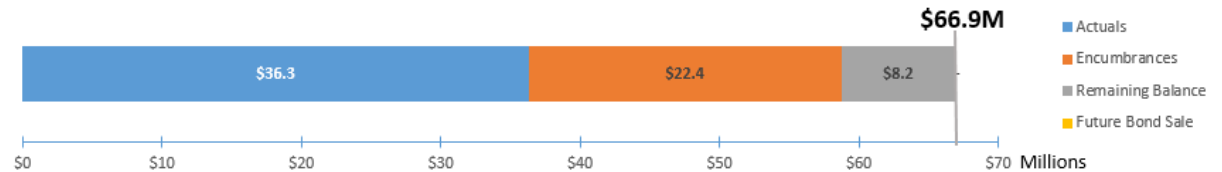
Recent accomplishments

- FS16 GC completed underground foundation work and placement of concrete columns
- FS16 recovery schedule approved
- FS5 SFFD vacated as scheduled on April 18
- FS5 GC mobilized and completed demolition of existing fire station
- FS5 Historic American Building (HABS) survey was completed mid-April
- Exterior Envelope project began at SFFD Headquarters (BBR)

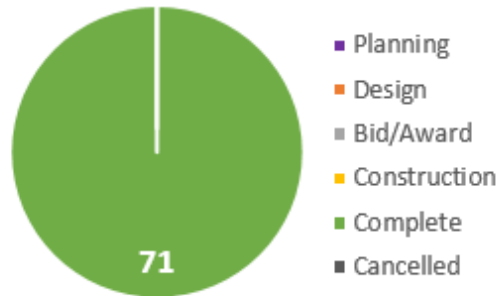
Upcoming milestones

- FS16 start of 2nd floor structural work
- FS5 start of earthwork and foundations
- Finish Exterior Envelope (painting) project at SFFD HQ

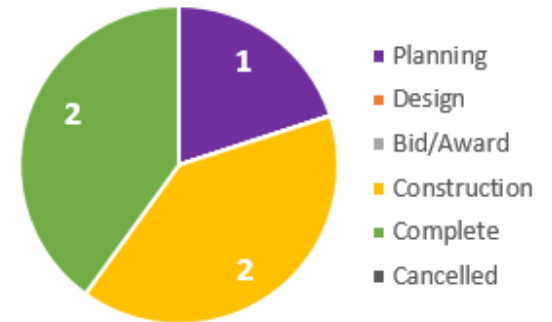
Status of budget



Focused Scope (71)



Seismic & Comprehensive (5)



76 total projects



FS 16 Columns Concrete Pour

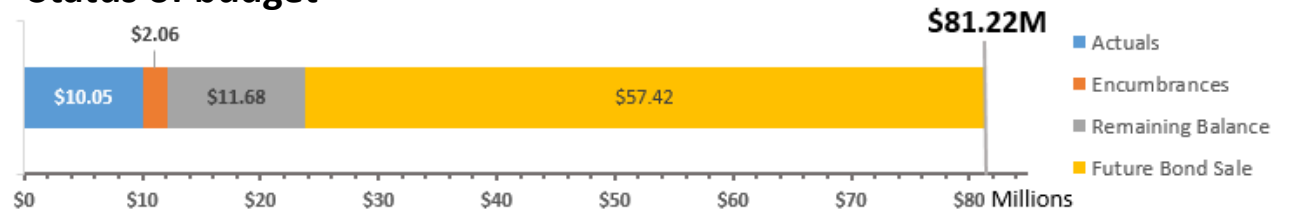
Neighborhood Fire Stations (NFS 2014 – \$81.2M)

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

Recent accomplishments

- FS35 RFP: Step 2 Technical Approach and Price Proposal completed May 31
- FS35 RFP: Notice of Intent to Award was issued on June 1 to Swinerton-Power, JV
- Combined Roof Package 5 (6 stations) – Bids received on April 12; NTP issued to Pioneer Contractors on 6.30.17
- App Bay Door Package 3 (6 stations) – Invitation to Bid on June 20, and Bid Conference on June 28. Package changed from (12) 4-fold to (6) telescoping due to 4-fold sensor issues at FS 15, now corrected.

Status of budget



Focused Scope (30) Other Focused Scope (8) Seismic & Comprehensive (5)



44 total projects

Upcoming milestones

- FS35 target Design-Builder Notice to Proceed (NTP) date is August 1
- Pier 26 Fire Boat Berths electrical work to begin
- App Bay Door Package 3 (6 stations) – Bids due on June 26th
- Shower Package 2 (4 stations) – Advertising for Bid September – still pending hazmat bid documents.



FS 3 Installation of Generator at Roof

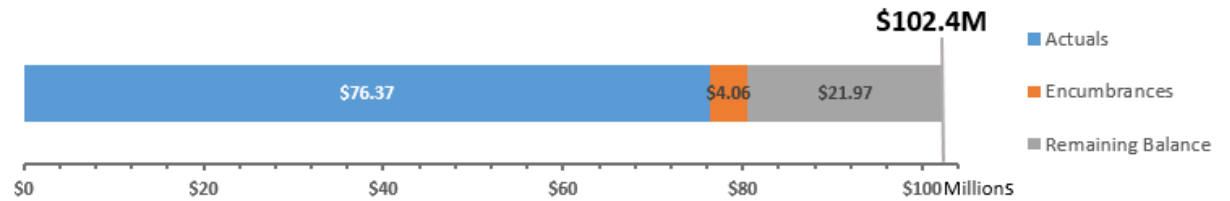
Emergency Firefighting Water System (ESER 2010 - \$102.4M)

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

Recent accomplishments

- Construction continued for Cisterns F (WD-2747) and Pumping Station 1 (WD-2686) contracts.
- Cisterns E (WD-2746) contract is substantially completed.
- Twenty-six of the thirty planned cisterns are functional.
- Pumping Station 2 construction contract (WD-2687) bid opened on 6/8/17.

Status of budget



Upcoming milestones

- Pumping Station 1 Tunnel construction is expected to commence in November 2017
- Pumping Station 2 scheduled for award consideration July 2017.
- Street Valve Motorization construction bids expected August 2017.



48 total projects



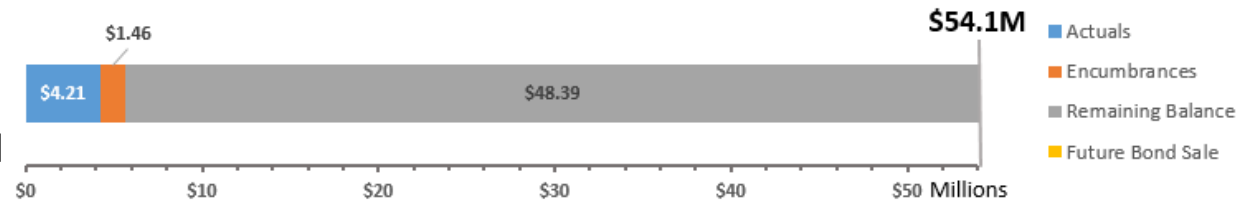
Emergency Firefighting Water System (ESER 2014 – \$54.1M)

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

Recent accomplishments

- Planning, design and construction work continued pipeline projects
- Irving Street Project bids received April 2017

Status of budget



Upcoming milestones

- AWSS pipeline construction to be included in pending Public Works paving contracts
 - 19th Avenue – Advertise September 2017
 - Ashbury Bypass – Advertise July 2017
- Irving Street Project notice-to-proceed expected July 2017



28 Projects



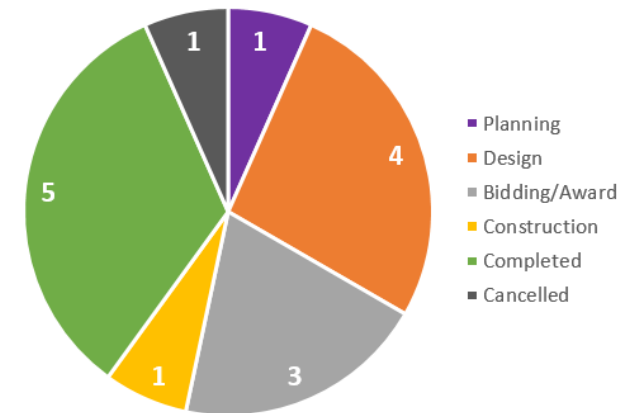
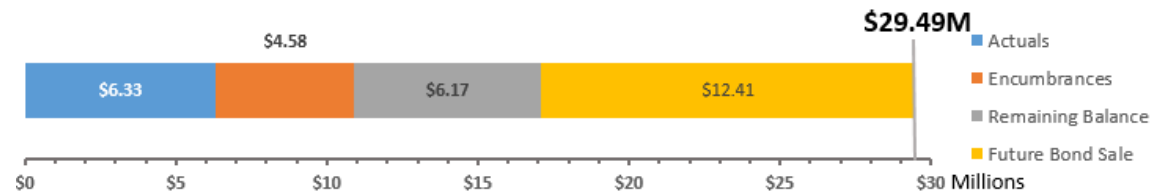
Police Facilities (PF 2014 - \$29.5M)

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

Recent accomplishments

- ADA Package 2 construction is substantially completed.
- Completed 100% final bid documents for Ingleside Police Station Renovation.
- Completed 100% final bid documents for Park Police Station Renovation.
- Completed 35% design for Police Academy Renovation and MEP Package 2.

Status of budget



Upcoming milestones

- To issue NTP for Northern, Richmond, and Taraval Police Station Renovation project in August '17.
- To obtain Planning and Building permit for Firearms Simulation Training Facility, issue NTP for site and utility construction in Aug. '17.
- To begin project advertisement for Ingleside and Park Police Station Renovation project in July '17.
- To complete 50% design for Police Academy Renovation and MEP Package 2 in July '17.

15 total projects (12 loc.s)



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

Current Phase: **Construction**
Completion Date: **October 2017**

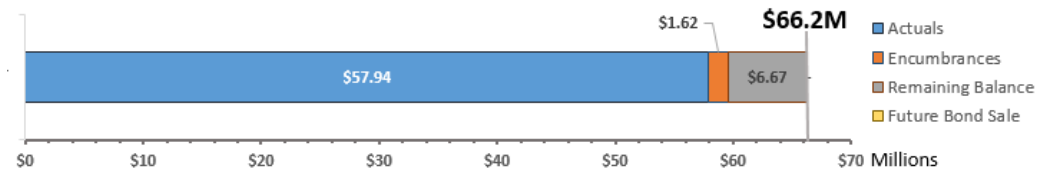
Recent accomplishments

- Roof-top equipment completed
- Started systems testing and balancing
- Interiors improvements ongoing
- Started sitework
- Construction work is 91% in-place

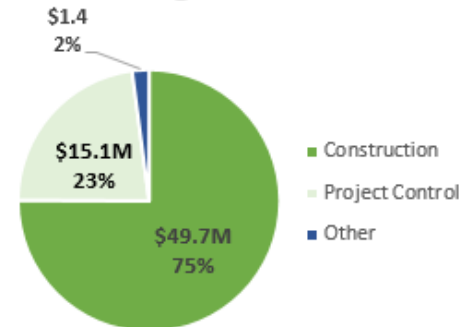
Upcoming milestones

- Casework to be completed in July '17
- Painting of exterior plaster to be completed in July '17
- Building to be energized in July '17
- Finish sitework in August '17
- Complete testing and balancing in August '17
- Start punch list in August '17

Status of budget



Budget Allocation



OCME South East Bldg . Entry View

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

Current Phase: **Design**

Completion Date: **Winter 2020**

Recent accomplishments:

- “Schematic Design – Revised Concept” delivered May 5 with the final summary estimate delivered June 27 showing the total estimated construction cost at \$104M, or just over 4% above the \$99.75M design target.
- Artist selection process completed on May 19, 2017
- Haz. Mat. & Demo RFP issued May 24. Site walks held June 6 & 16. Informational Conference held June 12. Bid Opening July 6. Estimated at \$1.7M. Apparent low bid is \$1.47M.
- CM/GC + design-build Core Trade Subcontractors (“CM/GC Team”) RFP issued May 26. Informational Conference held June 12. Bid Proposals due July 12.

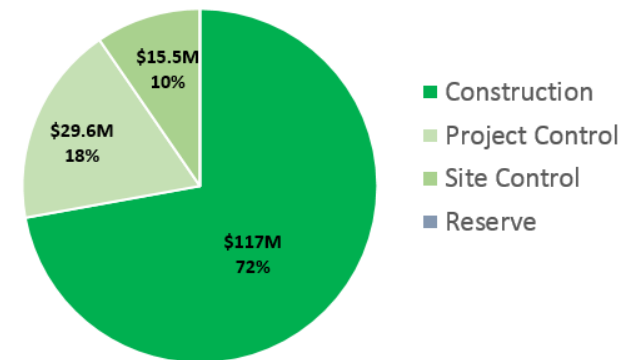
Upcoming milestones:

- NTP to HazMat/Demo Contractor
- NTP to CM/GC Team
- Start of Design Development Phase & CM/GV Pre-Construction

Status of budget:



Budget Allocation



Toland and Evans corner view

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

Components/Projects	Original Budget	Revised Budget (1)	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
			Appropriation	Expenditures	Encumbrance	Balance		
Public Safety Building (PSB)	239,000,000	236,661,976	236,661,976	228,617,073	311,224	7,733,679	97%	97%
Neighborhood Fire Stations (NFS)	64,000,000	71,067,175	66,906,318	36,282,256	22,425,258	8,198,804	83%	88%
Auxiliary Water Supply System (AWSS)	102,400,000	102,684,472	102,400,000	76,368,674	4,061,821	21,969,505	78%	79%
Oversight, Accountability & Cost of Issuance	6,900,000	4,006,906	3,965,935	3,313,271	175,433	477,231	87%	88%
Controller's Reserve		2,338,024	2,338,024	0	0	2,338,024	0%	0%
TOTAL	412,300,000	416,758,553	412,272,253	344,581,274	26,973,736	40,717,243	89%	90%

(1) Pending Approval

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

Components/Projects	Original Budget	Revised Budget (1)	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	57,943,296	1,615,369	6,674,359	90%	90%
Traffic Control & Forensic Services Division (TC/FSD)	162,195,000	162,195,000	46,703,200	23,178,512	1,812,165	21,712,523	15%	54%
Police Facilities (PF)	29,490,000	29,490,000	17,077,654	6,329,113	4,577,444	6,171,096	37%	64%
Neighborhood Fire Station (NFS)	83,555,000	81,216,976	23,793,513	10,052,443	2,060,667	11,680,402	15%	51%
Emergency Firefighting Water System (EFWS)	54,065,000	54,065,000	54,065,000	4,214,793	1,463,504	48,386,704	11%	11%
Oversight/Accountability & Cost of Issuance	6,800,000	6,800,000	2,378,790	1,879,260	284,968	214,561	32%	91%
TOTAL	400,000,000	400,000,000	210,251,181	103,597,419	11,814,117	94,839,645	29%	55%

(1) Pending Approval

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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