

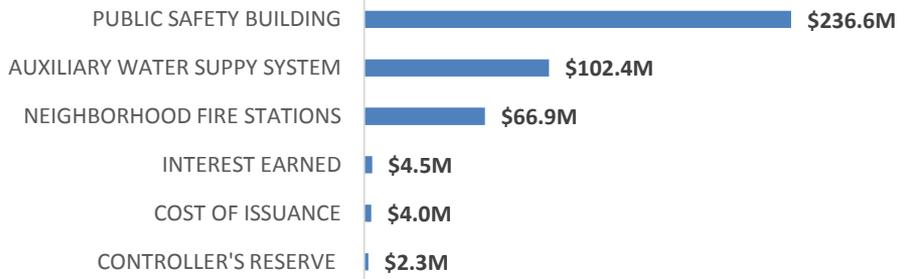
Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report

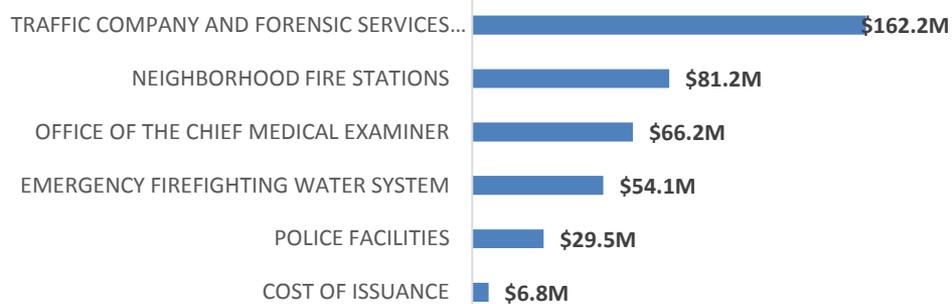
Presented to the Citizens' General Obligation Bond Oversight Committee

as of December 2016

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

- Public Safety Building (PSB 2010) - Certificate of Final Completion and Occupancy issued by the Department of Building Inspection.
- Auxiliary Water Supply System (AWSS 2010) - Twenty-one of the thirty planned cisterns are functional
- Traffic Company and Forensic Services Division (TCFSD 2014) – Completed Sea Level Rise analysis

III. Bond sales and appropriations

- City has issued six bond sales for ESER 2010 totaling \$412,300,000. \$405,968,294 has been appropriated to program projects (98%).
- City has issued two bond sales for ESER 2014 totaling \$210,200,403. \$207,872,387 has been allocated to program projects (99%)

II. Upcoming milestones

- Public Safety Building (PSB 2010) – Contract closeout and final payment
- Neighborhood Fire Stations (NFS 2014) - FS35 Request For Proposal (RFP) Phases 2 and 3, November 2017 – February 2018
- Probabilistic analysis and field investigations of existing Auxiliary Water Supply System (AWSS 2010) pipeline continued and draft report expected in early 2017

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

- Challenging bid environment
 - Many SF projects underway or emerging
 - Limited interest, i.e. fewer bidders
 - Scarcity of labor raises trade costs
 - Higher than budgeted bids

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

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

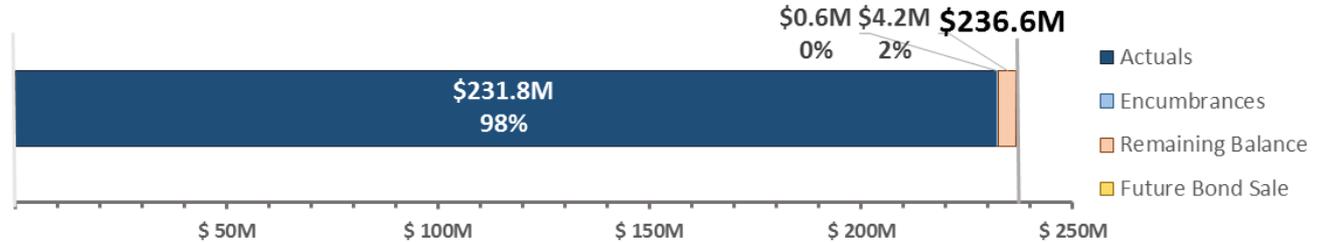
Recent accomplishments

- Building in successful continuous operation
- Final Contract Change Order approved
- Certificate of Final Completion and Occupancy issued by the Department of Building Inspection (DBI)

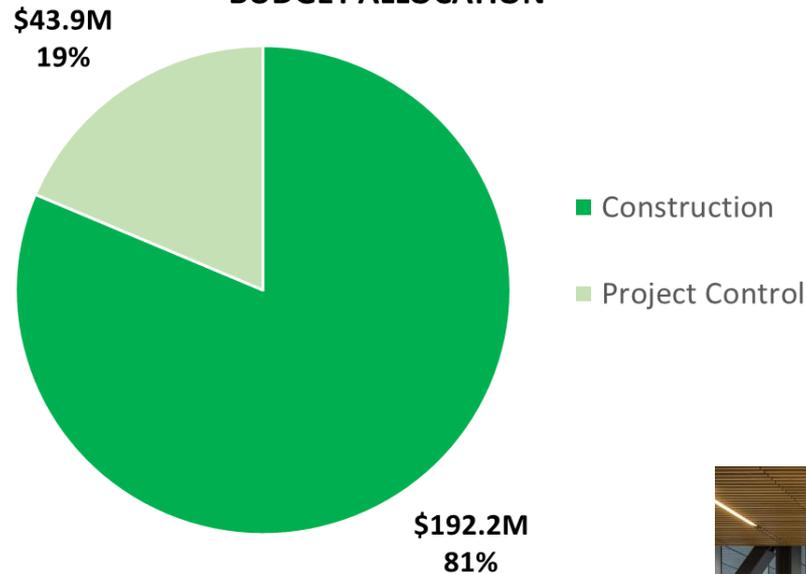
Upcoming milestones

- Contract closeout and final payment

Status of budget



BUDGET ALLOCATION



Lobby, Public Safety Building

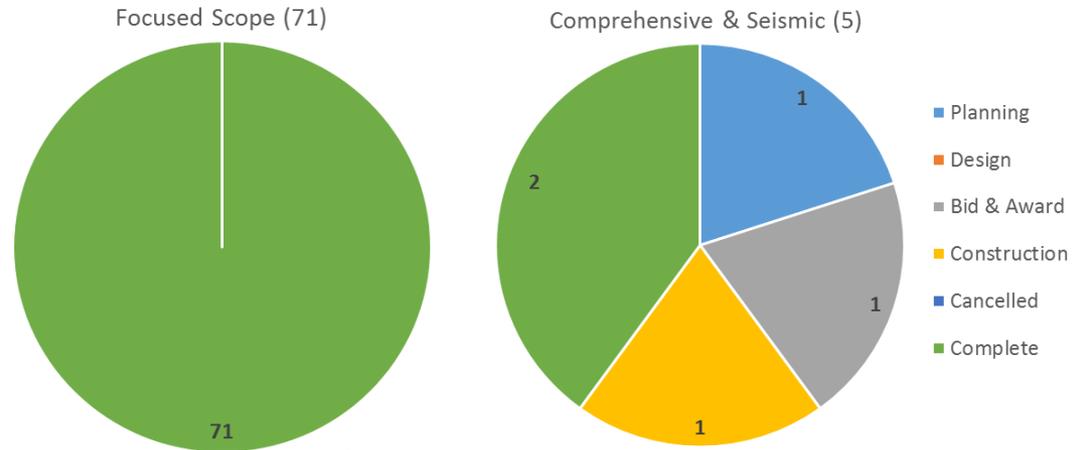
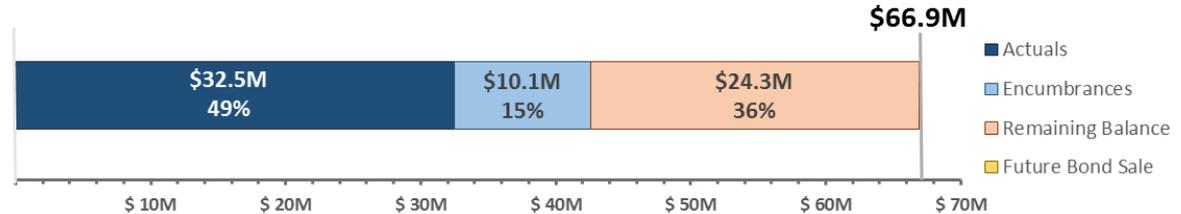
Neighborhood Fire Stations (NFS 2010 - \$66.9M)

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

Recent accomplishments

- FS16 SFFD vacated October 4
- FS16 CG commenced work October 11
- FS16 Haz Mat abatement completed and air clearance certification received
- FS5 Bid Opening December 16

Status of budget



76 total projects

Upcoming milestones

- FS16 underpinning
- FS5 Rebid Opening February 1
- Additional Focused Scope projects begin with Headquarters Exterior Envelope (BBR)



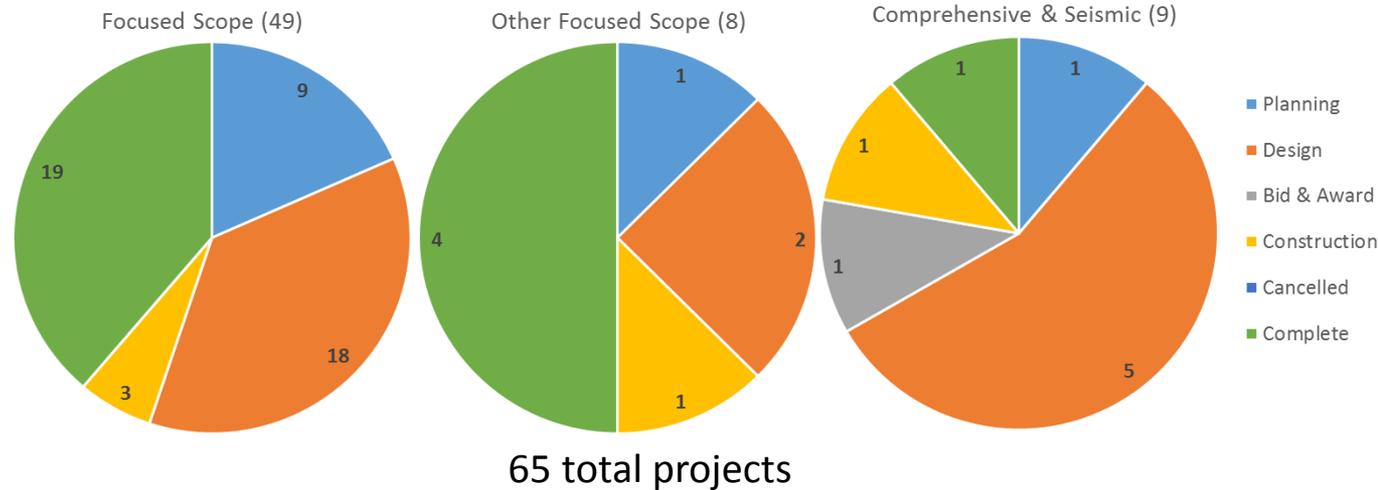
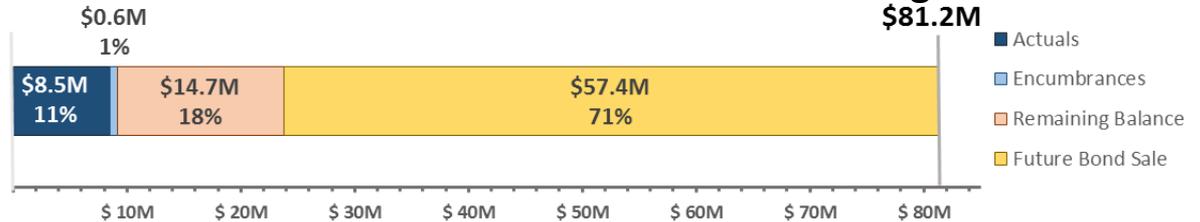
Fire Station #5

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

Current Phase: **Various**
 Completion Date: **June 2021**
 Status of budget

Recent accomplishments

- FS35 RFP: Design Criteria Complete November 2
- Pier 26 Pile driving completed November 28
- App Bay Door Package 1 Final on November 7, 2016
- FS12 Windows completed on January 5, 2017



Upcoming milestones

- FS35 Request For Proposal (RFP) Phases 2 and 3, January - April 2017
- Roof Package 5, 6 and 7 - 100% Design January 31, 2017
- Roof Package 5, 6 and 7 combined into one bid package - Bid February 2017
- Shower Package 2 - Advertising for Bid May 2017

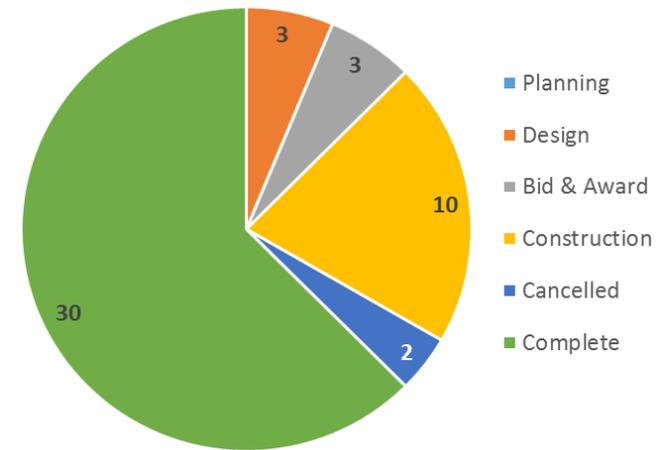
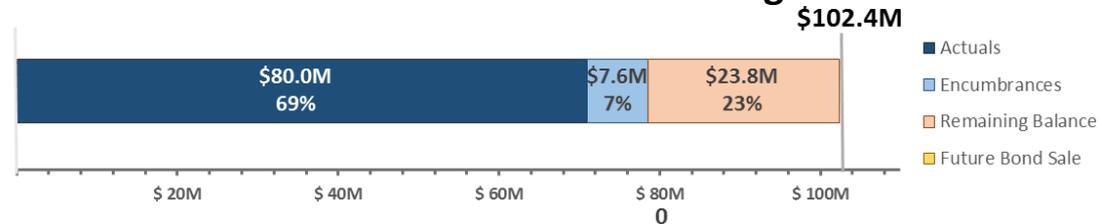


Auxiliary Water Supply System (AWSS 2010 - \$102.4M)

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

Recent accomplishments

- Construction continued for Cisterns E (WD-2746), Cisterns F (WD-2747), and Pumping Station 1 (WD-2686) contracts
- Twenty-one of the thirty planned cisterns are functional
- The Pumping Station 2 construction contract (WD-2687) was advertised for bid in December 2016



20 total projects (48 locations)

Upcoming milestones

- Pumping Station 2 construction contract (WD-2687) bids are due in February 2017
- Pumping Station 1 tunnel construction is expected to commence in April 2017
- Street Value Motorization is expected to advertise for bid in February 2017

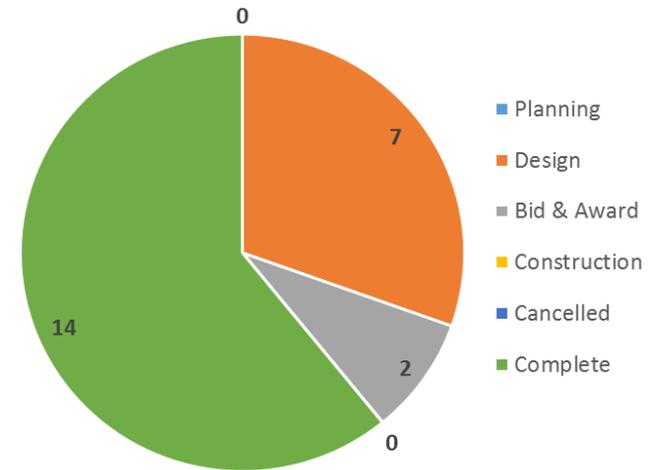
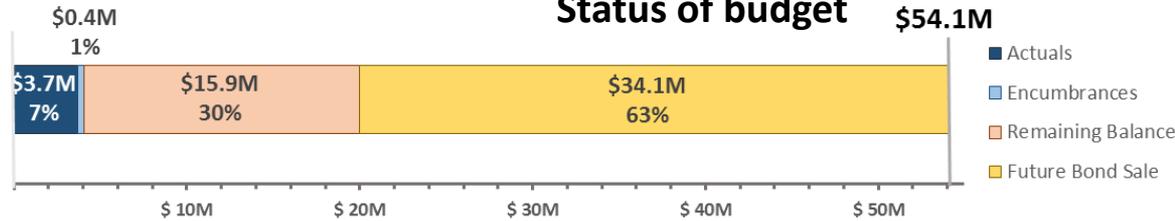


Emergency Firefighting Water System (EFWS 2014 – \$54.1M)

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

Recent accomplishments

- Design and construction work continued for pipeline, tunnel, and Flexible Water Supply System projects
- AWSS Candlestick Point pipeline construction on Carroll Avenue achieved substantial completion
- AWSS pipeline construction in the intersection of Columbus Avenue and Green Street completed



13 total projects (24 locations)



Upcoming milestones

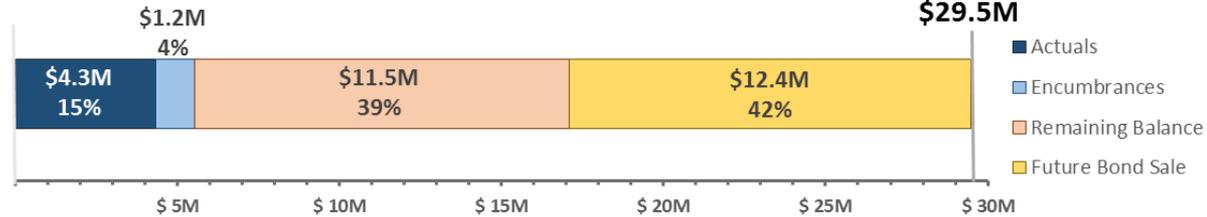
- AWSS pipeline construction to be included in pending Public Works paving contracts
 - I. 19th Avenue
 - II. Ashbury Bypass
 - III. Irving Street

Police Facilities (PF 2014 - \$29.5M)

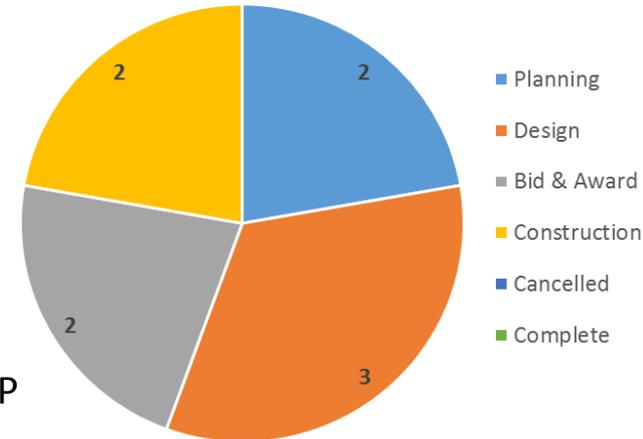
Current Phase: **Various**
 Completion Date: **July 2019**

Recent accomplishments

- Received final DBI sign-off on 3 out of 5 police stations of the ADA 1 project
- Completed 90% design documents for Ingleside and Park Police Station Renovations and submitted to DBI for permit applications
- Completed 90% design documents for Firearms Simulator Training Facility Project



Status of budget



9 total projects (11 locations)

Upcoming milestones

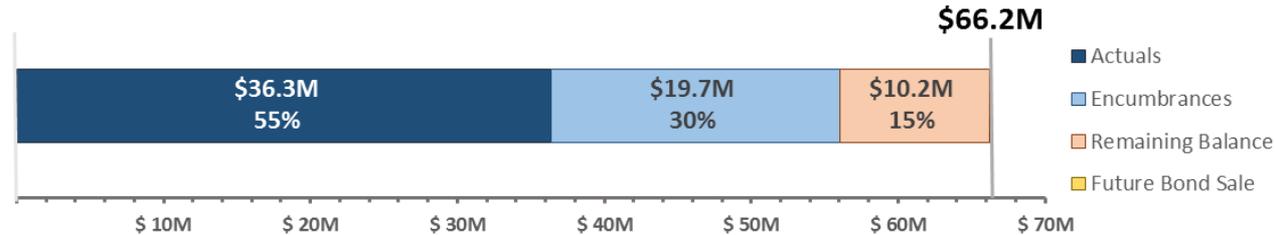
- Receive final bids for Northern Police Station Renovation and MEP Package #2 in January 2017
- Final bid documents for Ingleside and Park Police Station Renovations to be complete in February 2017
- Begin design phase for Police Academy Renovation Project and MEP Package #2 in February 2017
- Complete final bid and permit documents for Firearms Simulator Training Facility project in January 2017



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

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

Status of budget

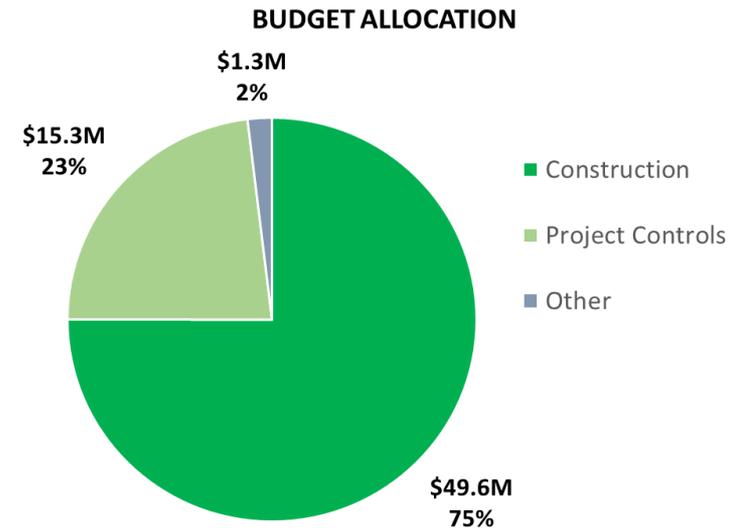


Recent accomplishments

- Initiated lab equipment procurement
- Initiated installment of rooftop mechanical equipment
- Construction is 60% work in place
- All construction activities on schedule

Upcoming milestones

- Completion of the exterior skin in March
- Completion of the roof in February
- Completion of window installment in January
- Tenant improvements to begin in March



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

Current Phase: **Design**
Completion Date: **Summer 2020**

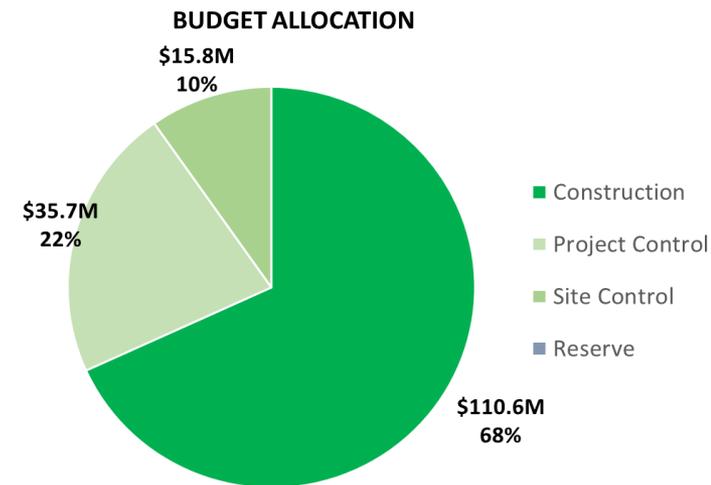
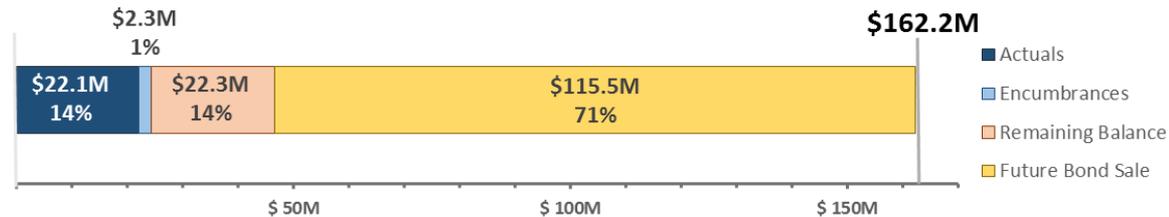
Recent accomplishments:

- Completed the Schematic Design Phase
- Completed Sea Level Rise analysis
- Completed SF Arts Commission Civic Design Review Phase 1 for Schematic Design

Upcoming milestones:

- Release of the RFP and hiring of a CM/GC Team
- Start of the Design Development Phase
- Finalization of the Soils Report

Status of budget:



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

Components/Projects	Budget	GENERAL OBLIGATION BONDS				% Expenditures/ Appropriation	% Expenditures/ Budget
		Appropriation	Expenditures	Encumbrance	Balance		
7410A Public Safety Building	236,661,976	236,661,978	231,810,069	618,294	4,233,615	98%	98%
Neighborhood Fire Stations (NFS)	64,000,000	66,906,318	32,499,355	10,099,341	24,307,623	49%	51%
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,000	70,981,787	7,634,684	23,783,529	69%	69%
Oversight, Accountability & Cost of Issuance	6,900,000	4,003,304	3,219,252	494,530	289,522	80%	47%
Interest Earned		4,449,636	0	0	4,449,636	0%	-
Controller's Reserve	2,338,024	2,338,024	0	0	2,338,024	0%	0%
TOTAL	412,300,000	416,759,260	338,510,463	18,846,849	59,401,949	81%	82%

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

Components/Projects	Budget	GENERAL OBLIGATION BONDS				% Expenditures/ Appropriation	% Expenditures/ Budget
		Appropriation	Expenditures	Encumbrance	Balance		
9000A Office of the Chief Medical Examiner (OCME)	\$66,233,024	\$66,233,024	\$36,359,170	\$19,662,640	\$10,211,214	55%	55%
9100A Traffic Control & Forensic Services Division (TC/FSD)	\$162,195,000	\$46,703,201	\$22,073,747	\$2,342,072	\$22,287,381	47%	14%
Police Facilities (PF)	\$29,490,000	\$17,077,653	\$4,351,700	\$1,170,195	\$11,555,758	25%	15%
Neighborhood Fire Station (NFS)	\$81,216,979	\$23,793,507	\$8,546,766	\$587,634	\$14,659,106	36%	11%
Emergency Firefighting Water System (EFWS)	\$54,065,000	\$54,065,000	\$3,699,759	\$350,735	\$50,014,504	7%	7%
Component Subtotal	\$393,200,000	\$207,872,385	\$75,031,142	\$24,113,277	\$108,727,962	36%	19%
Oversight/Accountability & Cost of Issuance	\$6,800,000	\$2,328,016	\$1,776,242	\$588,374	(\$36,600)	76%	26%
TOTAL	\$400,000,000	\$210,200,402	\$76,807,384	\$24,701,651	\$108,691,362	37%	19%

Attachment II

Quarterly Status Report of the Earthquake Safety and Emergency Bond Programs (ESER 2010 & ESER 2014) presented to the General Obligation Bond Oversight Committee
As of December 2016

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 & Support Facilities (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.

Office of Chief Medical Examiner (OCME) Facility (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) Facility (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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