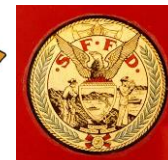


**Item 4. ESER G.O. Bond Program Update and
ESER 2014 De-Appropriation from Emergency
Firefighting Water Supply (EFWS) to Police Facilities (PF)
and Neighborhood Fire Stations (NFS)**

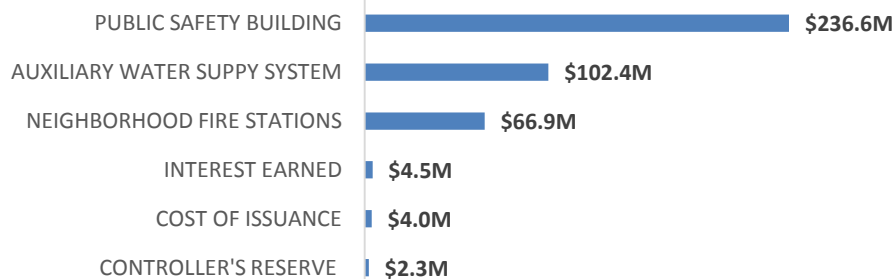


Earthquake Safety and Emergency Response Bond Program 2010 & 2014

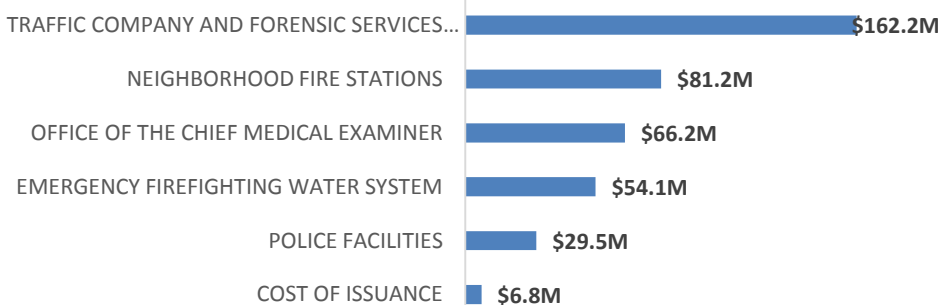
Status Report presented to the Capital Planning Committee

November 13, 2017

Overview of ESER 2010 Scope and Budget \$417M



Overview of ESER 2014 Scope and Budget \$400M



Reappropriation Action Item

- Supplemental appropriation to re-appropriate \$16,000,000 Earthquake Safety and Emergency Response General Obligation Bonds Series 2016D from Emergency Firefighting Water Supply (EFWS) to Neighborhood Fire Stations and Police Facilities.
- Bond program expenditures for EFWS did not occur as quickly as anticipated due to a shift in priorities among improvement projects. At the same time, the Neighborhood Fire Stations and Police Facilities are in immediate need of funding totaling \$16,000,000.
 - Neighborhood Fire Stations will use the funding to fund design services for Fire Station 35 Fire Boat, initiate design services for comprehensive projects at Stations 3 and 7, and award construction contracts for focused scope projects (exterior envelope package 2, shower package 2, HVAC package 1, apparatus bay doors package 5, and access control).
 - Police Facilities will use the funding to fund construction costs for focused scope projects including MEP Upgrades and Police Academy.
- The EFWS would be reimbursed from the proceeds of the third bond sale expected in May/June 2018.

ESER Bond Program 2010 & 2014 | Executive Summary

I. Highlights and accomplishments

- NFS (2010) – FS 5 Notice To Proceed (NTP) issued to General Contractor on March 27
- NFS (2014) – Fireboat Station 35 NTP issued to Design-Builder on October 10; FS 3 Roof/Mechanical/Generator replacement completed September 8
- EFWS (2010) – Twenty-nine of the thirty planned cisterns are functional
- OCME (2014) – Ribbon cutting held on Nov. 2, 2017, Open for Business Nov. 6, 2017
- Probabilistic analysis and field investigations of existing EFWS (2010) pipeline completed

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

- NFS (2010) – FS 16 Substantial Completion anticipated late Summer 2018
- NFS (2010) – FS 5 Substantial Completion anticipated Fall 2018

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**

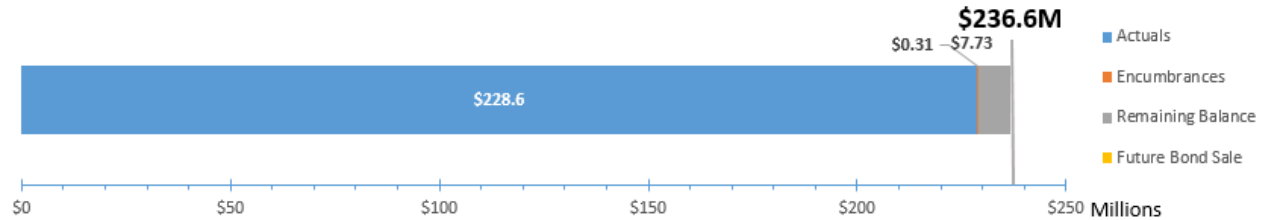
Recent accomplishments

- Building in successful continuous operation

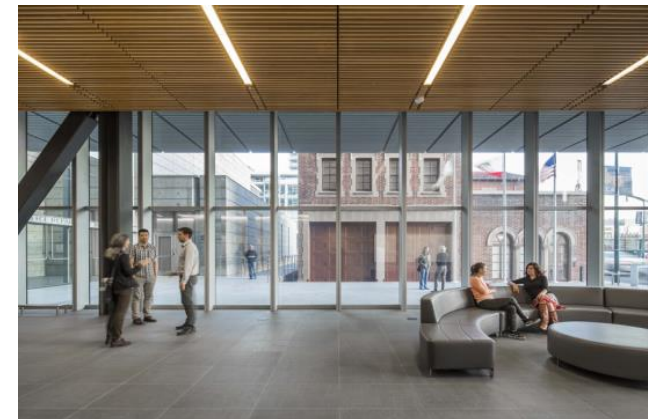
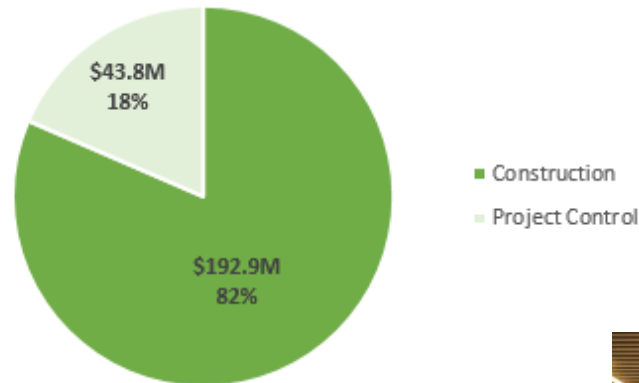
Upcoming milestones

- Closure of final permitting w/ SFFD in November
- Disposition of the project's savings to other ESER bond work

Status of budget



Budget Allocation



Lobby, Public Safety Building

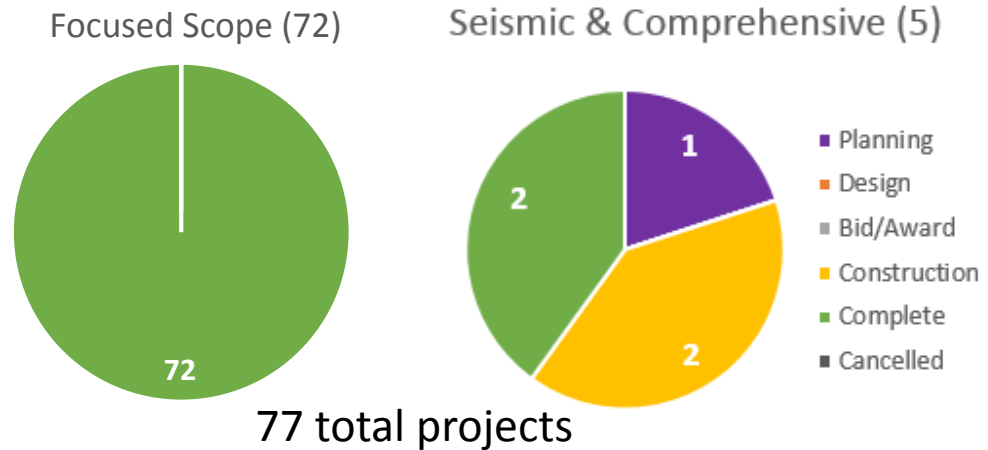
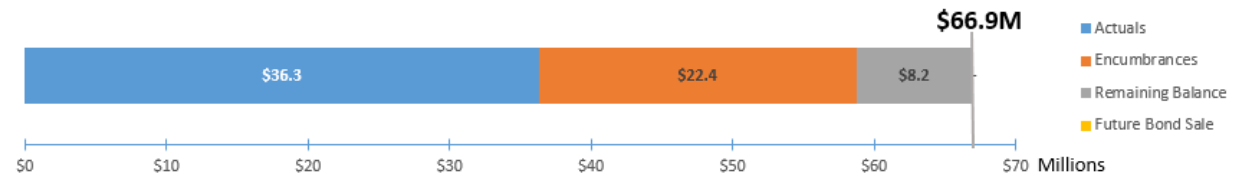
Neighborhood Fire Stations (NFS 2010 - \$66.9M)

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

Recent accomplishments

- FS 5 Notice to Proceed (NTP) to General Contractor on March 27; building demolition April – June 2017; foundation work July – December 2017
- FS 16 placed 2nd Floor concrete slab on November 9
- SFFD Headquarters Exterior Envelope (painting) completed October 2017

Status of budget



Upcoming milestones

- FS 5 steel topping out event in January 2018



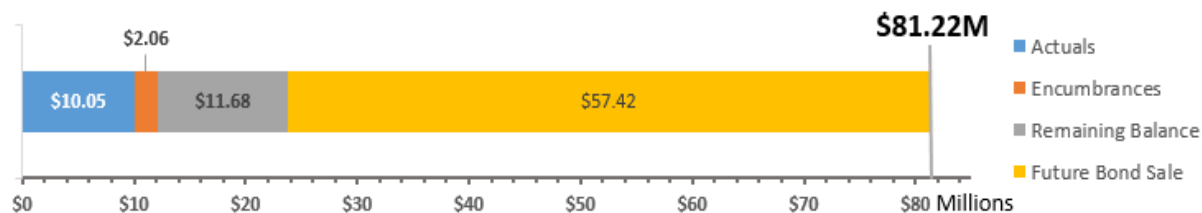
FS 5 Drilling and Placement of Soil Micropiles

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

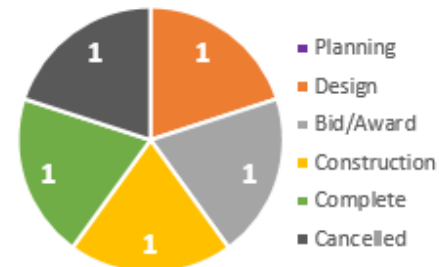
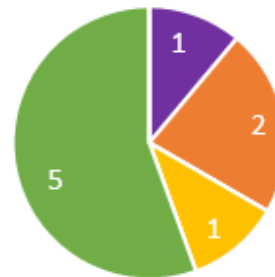
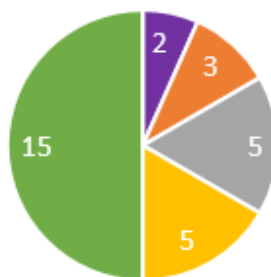
Current Phase: **Various**
 Completion Date: **June 2021**
 Status of budget

Recent accomplishments

- Fireboat Station 35 NTP issued to Design-Builder on October 10
- App Bay Door Package 1 (FS 15) Final Completion November 7, 2016
- FS 3 Roof HVAC Generator completed Sept 2017
- Hose Tower submittal to Planning June 17
- FS14 windows completed October 19



Focused Scope (30) Other Focused Scope (9) Seismic & Comprehensive (5)



Upcoming milestones

- FS 9, 20, 23, 24, 29, 41 Roofing completion Dec 2017
- FS 24 & 34 Envelope - Invitation to Bid Dec 2017
- FS 22 Envelope - Invitation to Bid Dec 2017

44 total projects



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

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

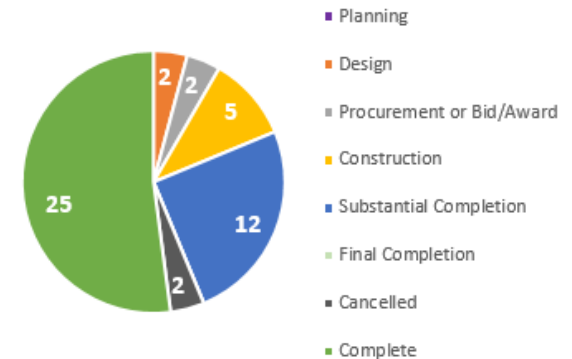
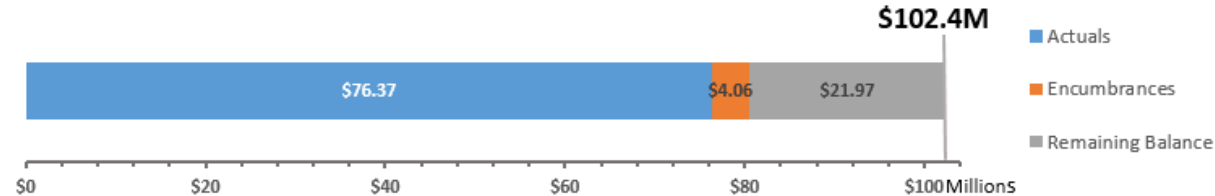
Recent accomplishments

- Cisterns E (WD-2746) completed, Cisterns F (WD-2747) and Pumping Station 1 (WD-2686) contracts continued
- Twenty-nine of the thirty planned cisterns are functional
- Pumping Station 2 (WD-2687) contract awarded
- Probabilistic analysis and field investigations of existing AWSS pipeline completed

Upcoming milestones

- Pumping Station 2 construction contract (WD-2687) to start January 2018

Status of budget



48 total projects



Cisterns (brick circles)

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

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

Recent accomplishments

- Flexible Water Supply System projects cancelled
- Columbus Avenue / Green Street AWSS pipeline construction completed
- Fillmore Street / Haight Street AWSS pipeline construction cancelled
- Irving Street AWSS pipeline construction started
- Mariposa / Terry Francois Blvd. AWSS pipeline design-build started



Upcoming milestones

- AWSS pipeline construction combined with Public Works paving contracts
 - I. 19th Avenue – bids due December 2017
 - II. Ashbury Bypass – bids due November 2017

28 total projects



Police Facilities (PF 2014 - \$29.5M)

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

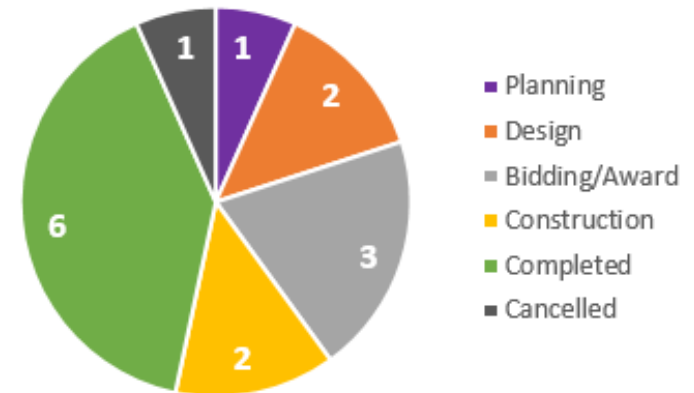
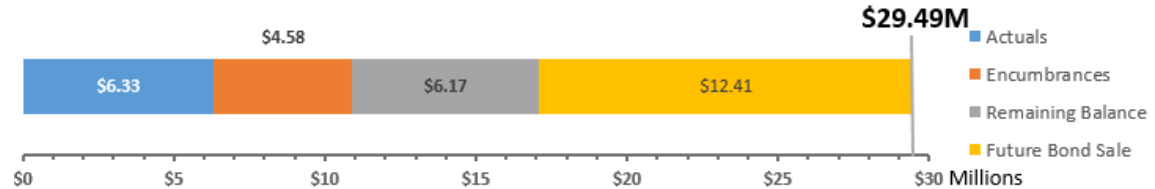
Recent accomplishments

- Northern, Richmond, and Taraval Station renovation project was NTP in July 2017.
- Park and Ingleside Station renovation project successfully completed the bidding phase in September 2017.
- The New Firearms Simulator Training Facility project was approved by DBI, and construction NTP established in November 2017.
- The design drawings for the Police Academy renovation and MEP Package #2 project was completed and will be submitted to DBI for a permit.

Upcoming milestones

- Complete final bid documents for the Police Academy renovation and MEP Package #2; both projects will be advertised in the first quarter of 2018.
- The New Firearms Simulator Training Facility will complete construction in the first quarter of 2018.

Status of budget



15 total projects (12 locations)

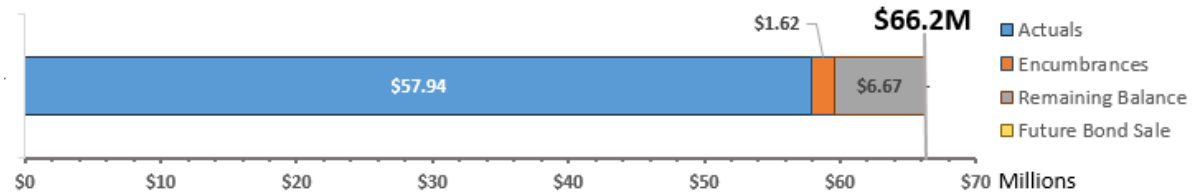


Northern Police Station

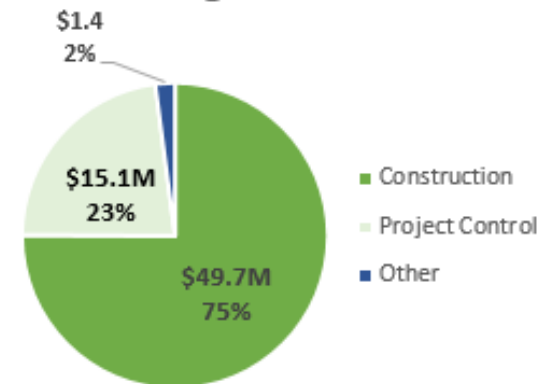
Office of the Chief Medical Examiner (OCME - \$66.2M)

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

Status of budget



Budget Allocation



Recent accomplishments

- Substantial completion obtained on October 10, 2017
- Ribbon-cutting ceremony held on November 3, 2017

Upcoming milestones

- Final completion date is scheduled by the end of December 2017.



OCME South East Bldg . Entry View

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

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

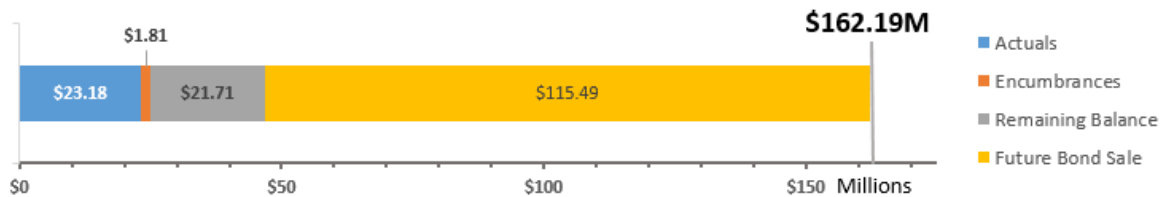
Recent accomplishments:

- “Facility Demolition at 1995 Evans Avenue” (Haz. Mat. & Demo). Azul Works issued NTP with a 10/20/17 start date.
- CM/GC + design-build Core Trade Subcontractors (“CM/GC Team”). Clark Construction issued NTP with a 11/27/17 start date.

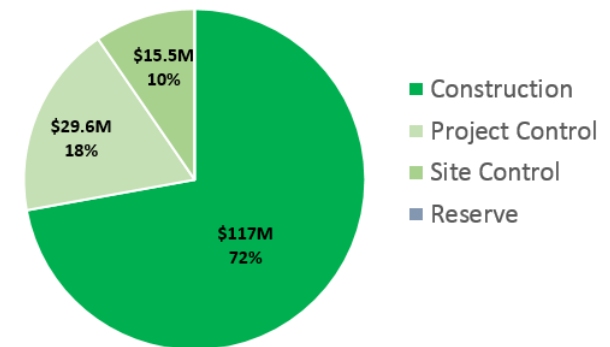
Upcoming milestones:

- HOK Architects start of Design Development phase to coincide with CM/GC Team’s 11/27/17 start of Pre-Construction Services.
- HOK submittal of Site Permit package to DBI by mid-November.
- Abatement and demolition of 1995 Evans to initiate in the final quarter of 2017.

Status of budget:



Budget Allocation



ESER 2014 Bond Issuance Summary

- Two bond sales to date
- Now requesting Series 2016D (ESER 2014) De-Appropriation from EFWS to NFS and PF

	2014A Series o193-14	2016D Series o49-16	2016D Series	Total
	106,095,000	111,060,000		217,155,000
Sources				
Buildings, Structures & Improvement Project Budget	79,605,834	74,201,550	16,000,000	169,807,384
OTO to 5W-Water Department Funds	20,000,000	34,065,000	(16,000,000)	38,065,000
Other Costs ⁽¹⁾	6,489,166	2,793,450	-	9,282,616
Total Sources	106,095,000	111,060,000	-	217,155,000
Uses				
Office of the Chief Medical Examiner (OCME)	34,252,621	31,980,403		66,233,024
Traffic Company and Forensic Services Division (TC & FSD)	30,319,675	16,383,527	(4,000,000)	42,703,202
Police Facilities (PF)	6,882,940	10,194,715	8,700,000	25,777,655
Neighborhood Fire Strations (NFS)	8,150,601	15,642,907	11,300,000	35,093,508
Emergency Firefighting Water System (EFWS)	20,000,000	34,065,000	(16,000,000)	38,065,000
Other Costs ⁽¹⁾	10,685,057	7,054,805		17,739,862
Total Uses	110,290,894	115,321,357	-	225,612,251
<i>Variance due bond premium & underwriter's discount</i>	<i>(4,195,894)</i>	<i>(4,261,357)</i>	<i>-</i>	<i>(8,457,251)</i>

(1) Costs of Issuance, GOB Oversight, Accountability, Bond Premiums

Attachment 2 | 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

- Due to conversion issues with new financial system *FSP*, the financial status is through June 30, 2017. Public Works is working with the Controller's Office to resolve these issues.

Attachment 3 | 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

Action Item

Re-Appropriation - Earthquake Safety and Emergency Response General Obligation Bonds Series 2016D - \$16,000,000 - FY 2017-2018

- EFWS would be reimbursed from the proceeds of the third bond sale expected in May/June 2018.
- NFS and Police Facilities Programs are on schedule and on budget (some high bids on individual projects, but those are addressed with contingency); the cash flow need arises from the inability to issue additional bonds until fund balances are lower (spring 2018)



Park Police Station (ADA Package 2)



5th Avenue & Cabrillo Street cistern



FS 3 Roofing, HVAC, and Generator Replacement

ESER 2014 Status of Financial Plan

- Bond program expenditures for EFWS and TC & FSC did not occur as quickly as anticipated. The EFWS experienced a shift in priorities among improvement projects; the TC & FSC incurred delays due to re-design for budget alignment and final validation of police staffing for the facility. At the same time, the Neighborhood Fire Stations and Police Facilities are in immediate need of funding totaling \$20,000,000.
- TC & FSD is under the same ESER 2014 Bond project structure as Neighborhood Fire Stations and Police Facilities so an internal transfer of \$4,000,000 is in process to fund immediate construction contracts for focused scope projects at Park Police Station and Ingleside.
- A de-appropriation request for \$16,000,000 from EFWS to the Neighborhood Fire Stations and Police Facilities is proposed and is being presented to Capital Planning Committee today.
- The EFWS and TC & FSD would be reimbursed from the proceeds of the third bond sale expected in May/June 2018.

A summary of these transactions is shown in the following slide.

ESER 2014 Plan for Reappropriated Funds

Project Name	Bond Amount	Plan for the Funds
Neighborhood Fire Stations	11,300,000	Design services for Fire Station 35 Fire Boat, initiate design services for comprehensive projects at Stations 3 and 7, and award construction contracts for focused scope projects (exterior envelope package 2, shower package 2, HVAC package 1, apparatus bay doors package 5, and access control).
Police Facilities	4,700,000	Police Facilities will use the funding to fund construction costs for focused scope projects including MEP Upgrades and Police Academy.
Total	\$16,000,000	



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