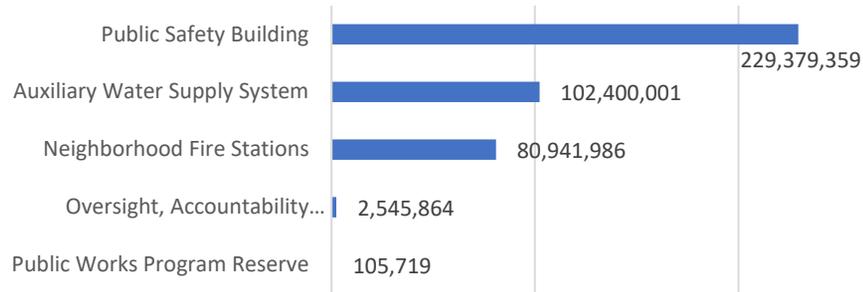


# Earthquake Safety and Emergency Response Bond Program 2010, 2014 & 2020

Quarterly Status Report  
 Presented to the Citizens' General Obligation Bond Oversight Committee  
 For the Fourth Quarter of FY20-21 – as of Jun 2021

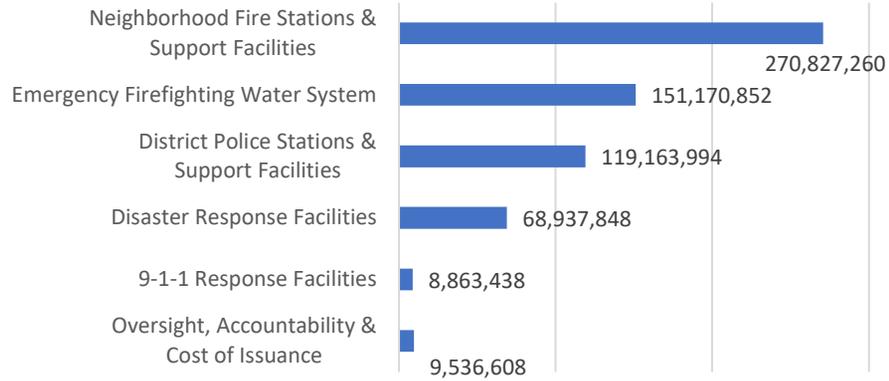
## Overview of ESER 2010 Scope and Budget \$415M



## Overview of ESER 2014 Scope and Budget \$397M



## Overview of ESER 2020 Scope and Budget \$628.5M



**Fireboat Station 35 at Pier 22 1/2**  
 Construction Progress at New Observation Deck

## ESER Bond Program 2010 & 2014 | Executive Summary

### I. Highlights and accomplishments

- EFWS Pump Station 2 construction continues
- FS35 structural strengthening of the north and south aprons complete; interiors complete; punchlist work at interior and float commenced
- Final Completion issued for renovations at Richmond, Northern, Taraval, Park, and Ingleside Police Stations and Substantial Completion issued for Bayview and Tenderloin (ESER 2014)
- TCFSD water service installed; conflicting PG&E poles resolved; public right-of-way improvements and sitework commenced

### II. Upcoming milestones

- Final completion to be issued for Bayview and Tenderloin in July 2021 (ESER 2014)
- FS35 completion of PG&E work; permanent power installation; public art installation at new observation deck; completion of sitework
- TCFSD complete interior build-out and public right-of-way improvements and sitework; TCO anticipated in July 2021; Substantial Completion anticipated in late September 2021
- ESER 2020 2<sup>nd</sup> bond sale funding is scheduled to arrive in August 2021

### III. Bond sales and appropriations

- For ESER 2010, the City has issued six bond sales totaling \$412.3M; \$415M has been appropriated, inclusive of (partial) interest-earned. Additional interest earned of \$500K (final amount TBD) is expected.
- For ESER 2014, the City has issued three bond sales and appropriated a total of \$397M.
- For ESER 2020, the City has issued one bond sale and appropriated a total of \$80.5M.

### IV. Risks, issues or concerns on budget, scope or schedules

- COVID-19 has produced a variety of impacts that inhibit or influence differently the normal conduct of construction sites, affecting project cost:
  - Costly enhanced cleaning and related protocols' assurance
  - Site safety protocols that impair productivity
  - Materials and equipment supply line continuity
  - Work force availability

# Neighborhood Fire Stations (NFS 2010 – \$80.9M)

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

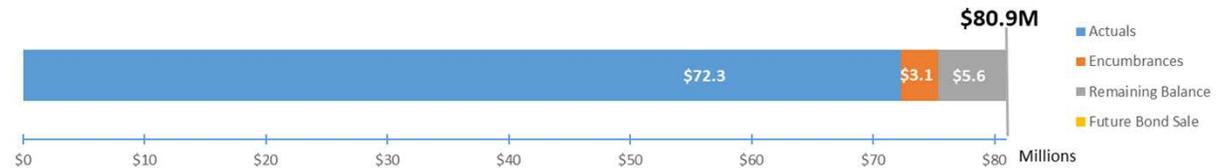
## Recent accomplishments

- **Fire Station 5** – USGBC awarded LEED Gold Certification for New Construction in December 2020
- **App Bay Doors (10 FSs) National Garage Door** – Complete

## Upcoming milestones

- **Fire Station 16** – Financial closeout

## Budget status



**Fire Station 8 (South Beach)**  
New Apparatus Bay Doors



**Fire Station 18 (Outer Parkside)**  
New Apparatus Bay Doors



**Fire Station 5 (Western Addition)**  
LEED Gold Certified Building

# Neighborhood Fire Stations (NFS 2014 – \$67.6M)

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

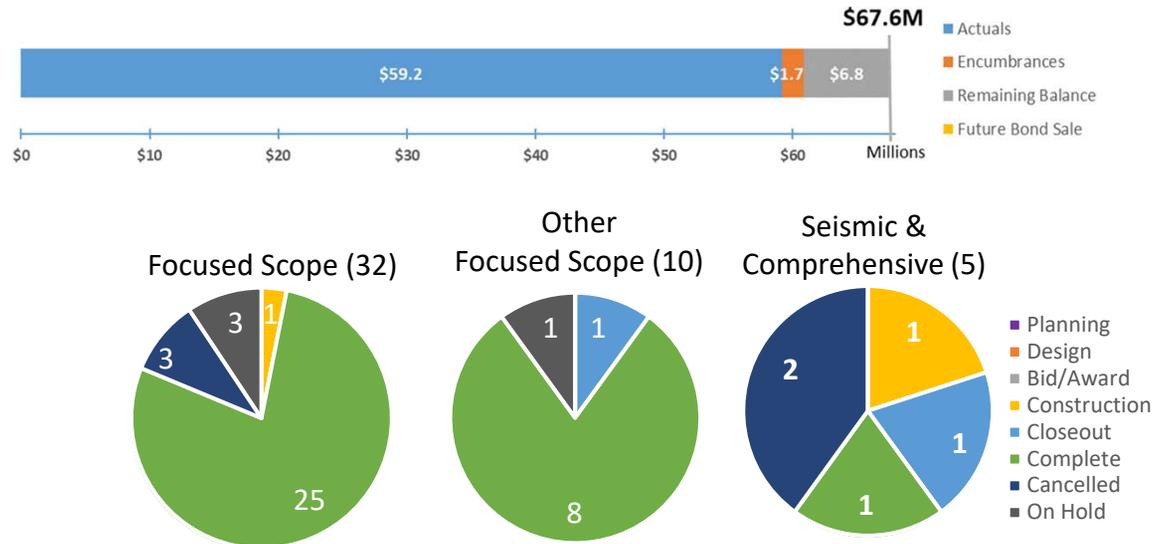
## Recent accomplishments

- **FS 2 Generator** – NTP to Argo Construction (LBE) on 4/19/21
- **App Bay Doors (15 FSs) Byron Epp Inc** – Complete
- **Fireboat Station 35** – Structural strengthening of north and south aprons complete; interior build-out complete; installed jib cranes on float; PG&E vault installed at Pier 22½; began installation of security gates and fencing at apron areas and new observation deck

## Upcoming milestones

- **FS 2 Generator** – Mobilization anticipated in early July; installation of new generator in late Fall 2021
- **Fireboat Station 35** – Complete permanent power installation and sitework; public art sculpture installation at new observation deck
- **Pier 26 Fireboat Berths** – Closeout construction contract in FY21-22 Q1

## Budget status



# Neighborhood Fire Stations & Support Facilities (NFS 2020 – \$270.8M)

Current Phase: **Pre-Planning**  
Completion Date: **October 2026**

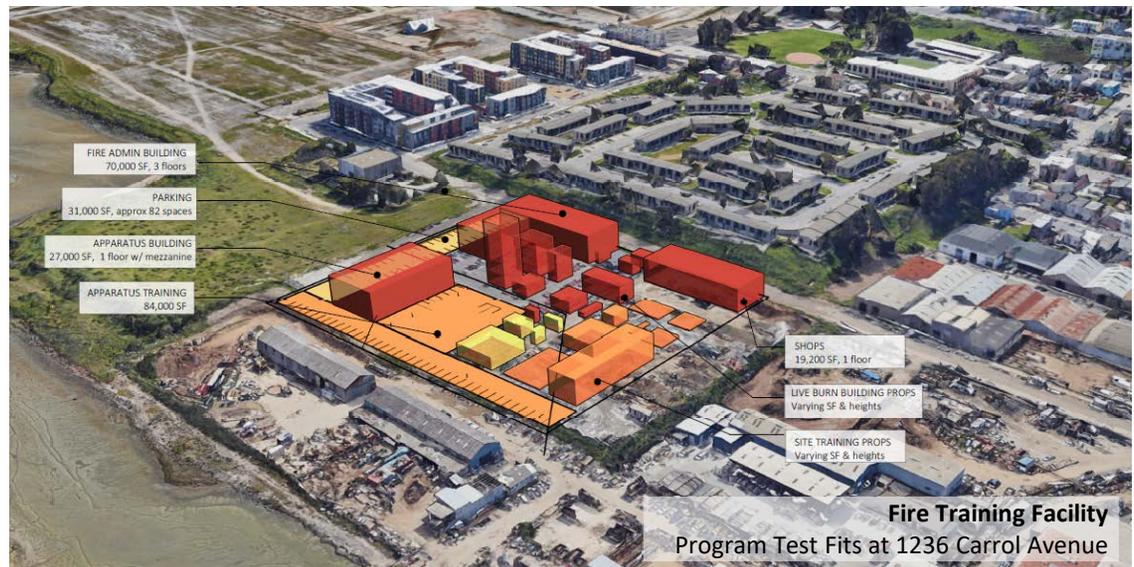
## Recent accomplishments

- MOU between PW and SFFD provided for review for Fire Training Facility (“FTF”) and Fire Station 7 Replacement projects
- Contract award phase of CMSS (consulting Construction Management Support Services) is underway
- Fire Training Facility (“FTF”)
  - Programming phase has started
  - CEQA Report has started

## Upcoming milestones

- 2nd Bond Sale to include site acquisition cost for new FTF and the planning/design services for Fire Station 7 Replacement, proceeds are scheduled to arrive in August 2021

## Budget status



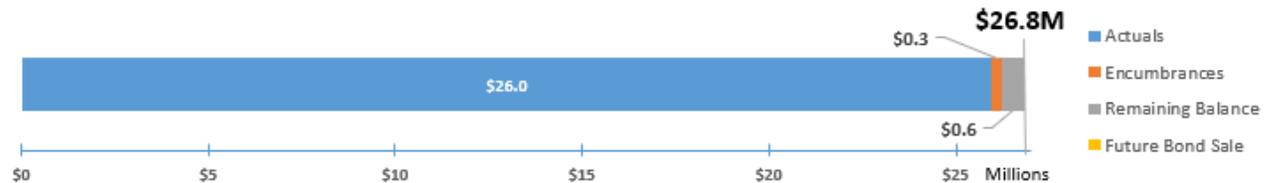
# Police Facilities (PF 2014 – \$26.8M)

Current Phase: **Construction**  
Completion Date: **August 2021**

## Recent accomplishments

- **Park & Ingleside Renovations**  
Final Completion issued 3/3/21
- **Northern, Richmond, Taraval Renovations** – Final Completion issued on 3/26/21
- **MEP Pkg 2 (Bayview & Tenderloin)** – Substantial Completion issued on 3/3/21

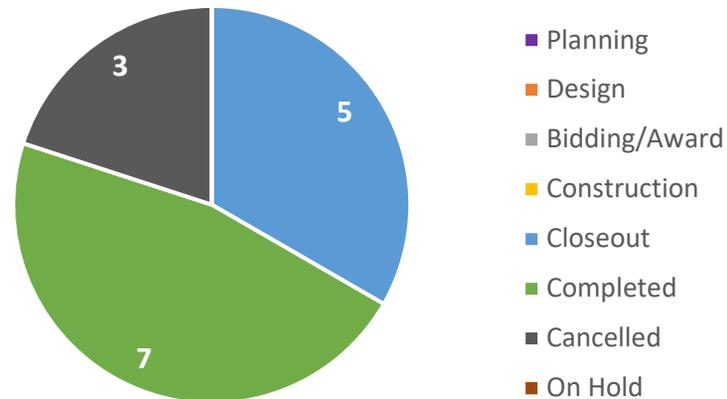
## Budget status



## Upcoming milestones

- **Northern, Richmond, Taraval Renovations** – Construction contract closeout
- **Park & Ingleside Renovations** – Construction contract closeout
- **MEP Pkg 2 (Bayview & Tenderloin)** – Final Completion anticipated to be issued in August 2021

## Project status



# Police Stations & Support Facilities (PF 2020 – \$119.2M)

Current Phase: **Planning/ Design**  
Completion Date: **July 2027**

## Recent accomplishments

- Planning / Conceptual design work underway for the following projects:
  - Ingleside District Police Station Replacement
  - Lake Merced Police Pistol Range Replacement
  - Taraval District Police Station Seismic Retrofit
  - Mission District Police Station Structural Improvement

## Upcoming milestones

- Completion of construction documents for Mission District Police Station Structural Improvement Project in October 2021

## Budget status



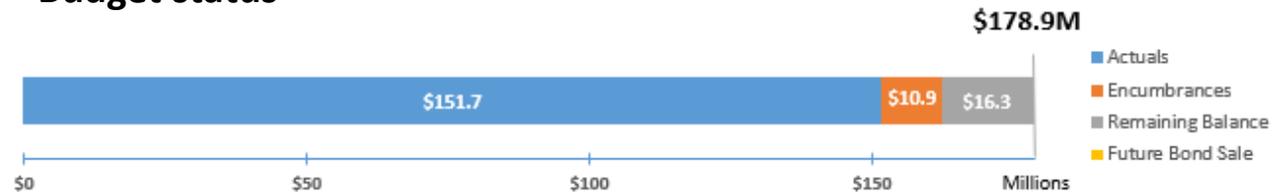
# Traffic Company & Forensic Services Division (TCFSD 2014 – \$178.9M)

Current Phase: **Construction**  
Completion Date: **Fall 2021**

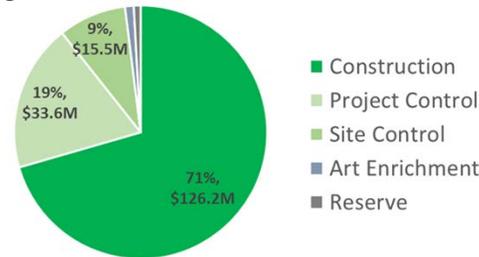
## Recent accomplishments

- Exterior envelope complete
- Interior build-out continues
- Water installation completed in late April 2021
- Conflicting PG&E poles completed in June 2021
- Installing green roofs at motorcycle garage & Evidence Vehicle Storage
- 99% of construction work has been bought; remaining bid packages are minor in scope, excluding security fences & gates and FF&E procurement

## Budget status

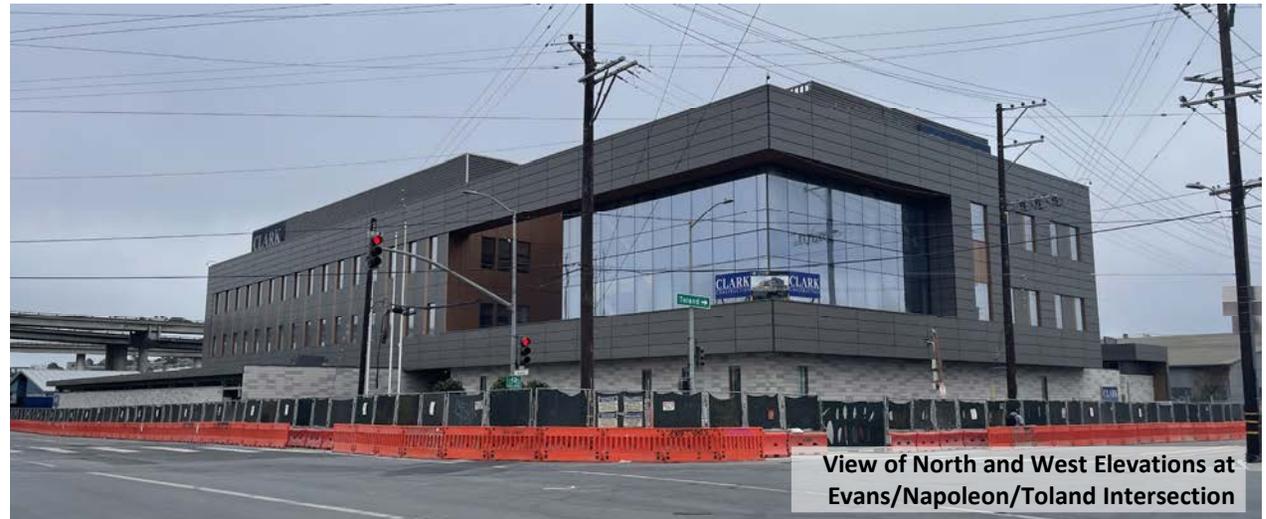


## Budget allocation



## Upcoming milestones

- Complete interior
- Complete public right-of-way improvements
- Temporary Certificate of Occupancy (TCO) anticipated in July 2021
- Procure FF&E
- Complete move-management strategy to phase-move SFPD



View of North and West Elevations at Evans/Napoleon/Toland Intersection

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

Current Phase: **Construction**  
Completion Date: **December 2021**

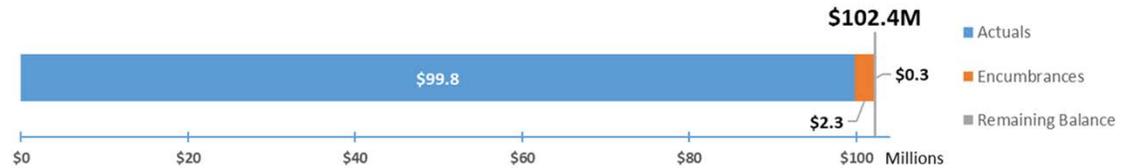
## Recent accomplishments

- **Pumping Station 2** – Construction continues

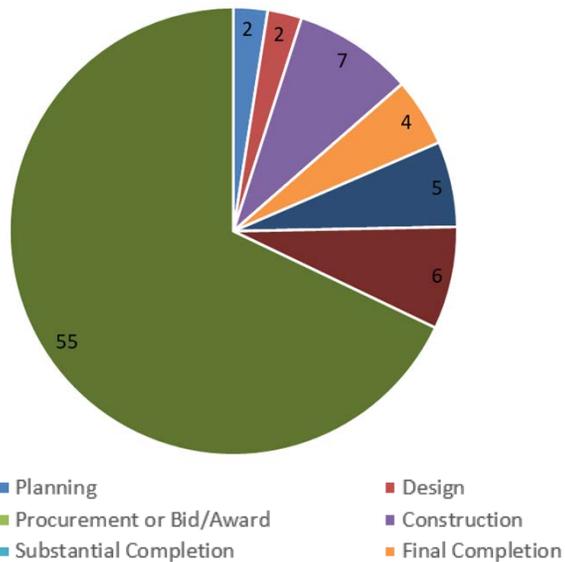
## Upcoming milestones

- **Pumping Station 2** – Final completion anticipated in December 2021

## Budget status



## Project status | 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 2022**

## Recent accomplishments

- **19th Avenue Pipeline** – Construction continues
- **Terry Francois/Mission Rock/Warriors Way** – Construction continues
- **Clarendon Supply Pipeline** – Construction continues

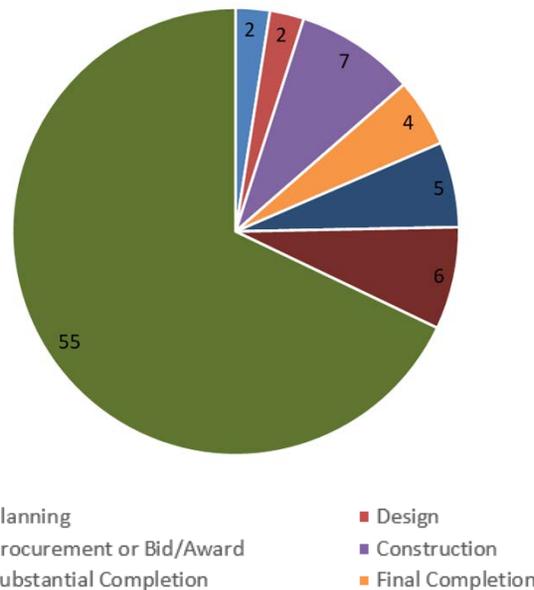
## Upcoming milestones

- **Terry Francois/Mission Rock/Warriors Way** – Construction expected to be completed in September 2021

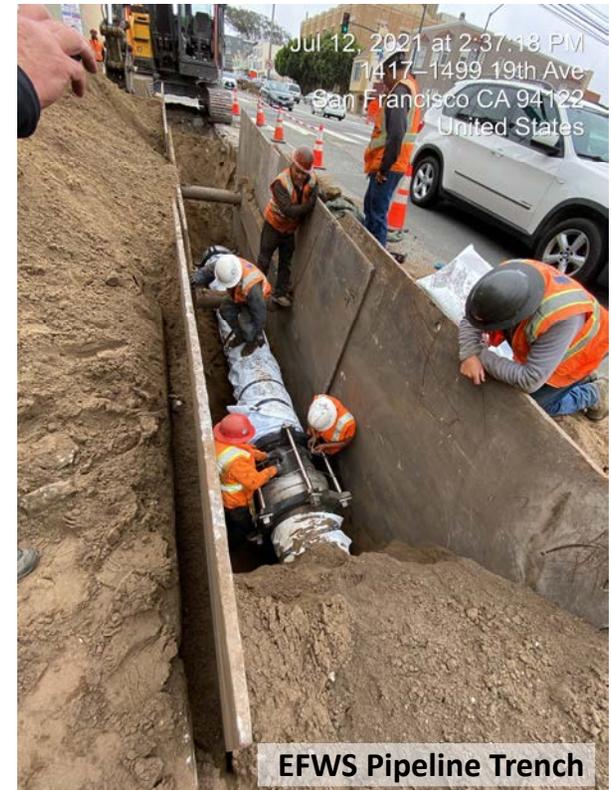
## Budget status



## Project status | 80 Projects\*



\*Combined ESER 2010 & 2014 projects' status



EFWS Pipeline Trench

# Emergency Firefighting Water System (EFWS 2020 – \$151.2M)

Current Phase: **Various**  
Completion Date: **December 2026**

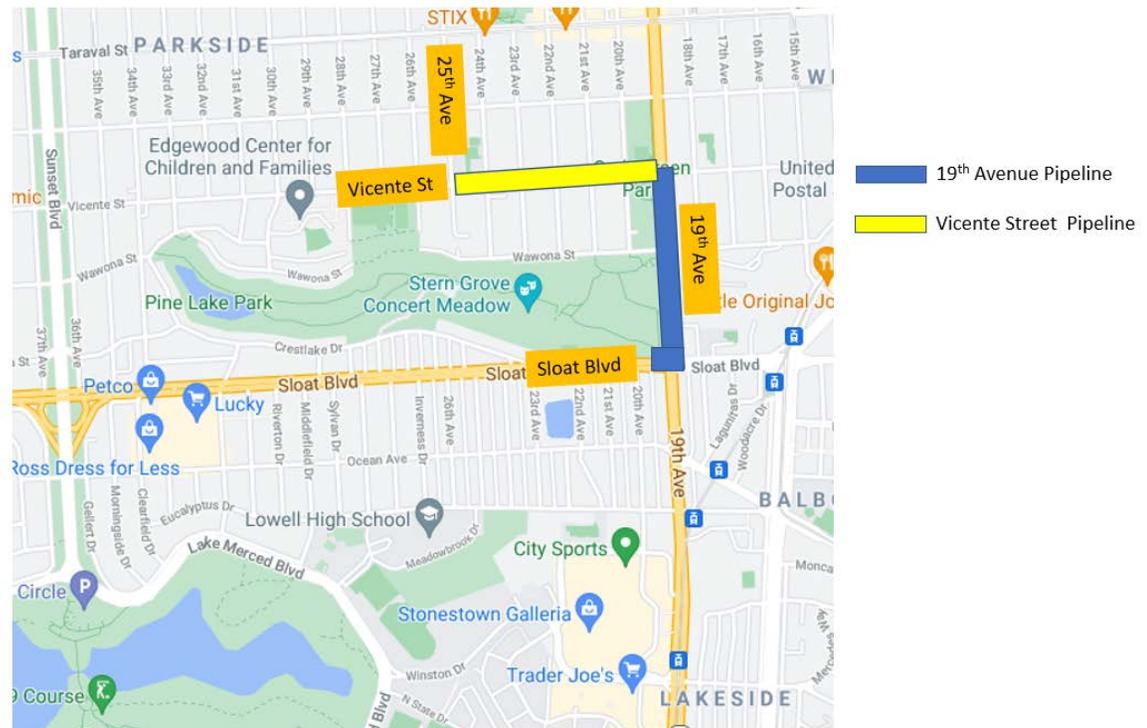
## Recent accomplishments

- **19th Avenue Pipeline** – Install new 36-inch diameter Potable Emergency Firefighting Water System (PEFWS) pipeline
- **Vicente Street Pipeline** – Install new 36-inch diameter PEFWS pipeline

## Upcoming milestones

- **Vicente Street Pipeline** – Construction contract award expected July 2021

## Budget status



# 9-1-1 Call Center (DEM 2020 – \$8.9M)

Current Phase: **Pre-Planning**  
Completion Date: **July 2023**

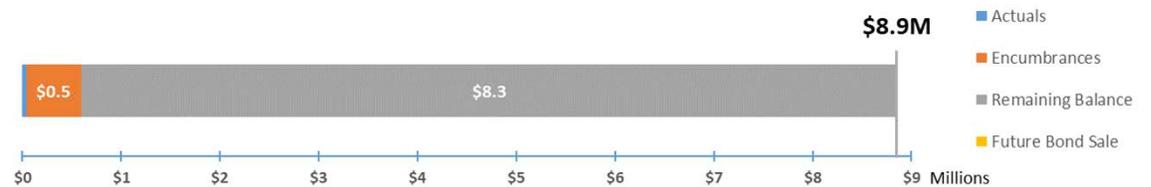
## Recent accomplishments

- MOU between PW and SFDEM fully executed
- Finalized and issued consultant contract to begin work
- Started Design Development phase

## Upcoming milestones

- 75% Design Development and cost estimate due in July 2021

## Budget status



911 Call Center at City's Emergency Operations Center  
1011 Turk Street (Western Addition)

# Disaster Response Facilities (ESER 2020 – \$68.9M)

Current Phase: **Pre-Planning**  
Completion Date: **September 2025**

## Recent accomplishments

- Developed facility programming requirements
- Draft concept plan showing new program enhancements and layout plan
- Worked on external circulation development
- Received initial feedback from City Planning on the project HRE
- Completing formal MOU agreement with Public Works for planning and design

## Upcoming milestones

- Continue environmental review process with the Planning Dept
- Initiate work on site testing and destructive testing
- Evaluation of hazmat and geotechnical studies
- Develop a public outreach program to share project plans

## Budget status



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

**ESER 2010: As of June 2021**

Bond Components and Projects	Bond Authorized Amount	Revised Budget (ii)	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Public Safety Building (PSB) (iii)	239,000,000	229,379,359	229,379,359	229,210,839	16,567	151,953	100%
Neighborhood Fire Stations (NFS)	64,000,000	80,941,986	80,941,986	72,278,296	3,100,261	5,563,429	89%
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,001	102,400,001	99,817,987	2,273,311	308,703	97%
Oversight, Accountability & Cost of Issuance	6,900,000	2,545,864	2,545,864	2,096,526	0	449,338	82%
Public Works Program Reserve		105,719	105,719	0	0	105,719	0%
<b>TOTAL (i)</b>	<b>412,300,000</b>	<b>415,372,929</b>	<b>415,372,929</b>	<b>403,403,648</b>	<b>5,390,139</b>	<b>6,579,142</b>	<b>97%</b>

(i) PeopleSoft financial data as of 7/19/2021

(ii) Revised budgets based on PeopleSoft appropriations; data subject to change per clean-up efforts

(iii) All PSB 2010 savings were reallocated NFS 2010 (\$8.3M) and TCFSD is fully funded by ESER 2014 bond funds

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

ESER 2014: As of June 2021

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	67,469,177	22,165	41,682	100%
Traffic Company & Forensic Services Division (TC/FSD) (iii, iv)	162,195,000	178,895,790	178,895,790	151,710,493	10,908,395	16,276,902	85%
Police Facilities (PF) (iii)	29,490,000	26,845,661	26,845,661	25,957,400	269,415	618,845	97%
Neighborhood Fire Station (NFS) (iii, iv)	83,555,000	67,630,741	67,630,741	59,219,900	1,651,767	6,759,074	88%
Emergency Firefighting Water System (EFWS)	54,065,000	54,347,209	54,347,209	33,588,252	14,737,893	6,021,064	62%
Oversight, Accountability & Cost of Issuance	6,800,000	2,284,545	2,284,545	1,637,517	0	647,029	72%
Public Works Program Reserve		451,187	451,188	0	0	451,188	0%
<b>TOTAL (i)</b>	<b>400,000,000</b>	<b>397,988,157</b>	<b>397,988,157</b>	<b>339,582,739</b>	<b>27,589,635</b>	<b>30,815,783</b>	<b>85%</b>

(i) PeopleSoft financial data as of 7/19/2021

(ii) Revised budgets based on PeopleSoft appropriations; data subject to change per clean-up efforts

(iii) Funding from PF 2014 (\$2.8M) & NFS 2014 (\$4.4M) components were transferred to TCFSD (increased \$7.2M)

(iv) All PSB 2010 savings were reallocated to NFS 2010 (\$8.3M) and TCFSD is fully funded by ESER 2014 bond funds; NFS2014 decreased \$8.3M, TCFSD increased \$8.3M

# Attachment 1 | Budget Status and Financial Plan (ESER 2020)

ESER 2020: As of June 2021

Bond Components and Projects	Bond Authorized Amount	Bond Component Budget	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Emergency Firefighting Water System	153,500,000	151,170,852	20,000,000	15,398	0	19,984,602	0%
Neighborhood Fire Stations & Support Facilities	275,000,000	270,827,260	2,900,000	216,632	778,811	1,904,557	7%
District Police Stations & Support Facilities	121,000,000	119,163,994	32,022,200	268,457	160,348	31,593,395	1%
Disaster Response Facilities	70,000,000	68,937,848	15,855,705	492,651	0	15,363,054	3%
9-1-1 Response Facilities	9,000,000	8,863,438	8,863,438	47,336	546,893	8,269,209	1%
Oversight, Accountability & Cost of Issuance		9,536,608	894,702	510,635	0	384,067	57%
<b>TOTAL (i)</b>	<b>628,500,000</b>	<b>628,500,000</b>	<b>80,536,045</b>	<b>1,551,108</b>	<b>1,486,053</b>	<b>77,498,885</b>	<b>2%</b>

(i) PeopleSoft financial data as of 7/19/2021

## Attachment 2 | Overall Bond Summary (ESER 2010, 2014 & 2020)

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 Bond Program 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 ESER 2020 Bond Program is comprised of five components: **Emergency Firefighting Water System**; **Neighborhood Fire Stations & Support Facilities**; **District Police Stations & Support Facilities**; **Disaster Response Facilities**; and **9-1-1 Call Center**. The SFPUC manages the EFWS component, the Recreation and Parks Department manages the Disaster Response Facilities 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 & 2020)

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.

The ESER 2020 bond is comprised of two projects: new construction of the Fire Training Facility (FTF) and Fire Station 7. The Fire Department currently conducts trainings for recruits and existing personnel at two facilities: one on Treasure Island and a smaller one in the Mission District. Plans are underway for a development project on the island that obligates the relocation of the training facility and departure from Treasure Island by December 2026. This new facility will be the single largest project in the NFS component of the ESER 2020 bond. The projected cost of the facility and the expected cost of the site to be acquired by the City may require a phased approach. Other projects will be considered once the funding requirement for the new Fire Training Facility is determined.

### Emergency Firefighting Water System (EFWS) (2010, 2014 & 2020)

The Emergency Firefighting Water System includes a high-pressure water system and cistern water storage for fire suppression in 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, 2014, and 2020 will seismically improve the EFWS cisterns, pipelines, tunnels and physical plant.

## Attachment 2 | Overall Bond Summary (ESER 2010, 2014 & 2020)

### **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 (TCFSD) (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 & 2020)**

Under ESER 2014, this 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.

The assessments and evaluations performed will inform the work to be performed under ESER 2020. Five projects have been preliminarily identified for inclusion under the ESER 2020 Program.

1. Ingleside District Police Station Replacement
2. Taraval District Police Station Seismic Upgrade
3. Police Surge Facility Construction (an enabling project for Ingleside and Taraval)
4. Lake Merced Police Pistol Range Replacement
5. Mission District Police Station Structural Improvement

## Attachment 2 | Overall Bond Summary (ESER 2010, 2014 & 2020)

### **Disaster Response Facilities (2020)**

Kezar Pavilion is located in the southeast corner of Golden Gate Park at 755 Stanyan Street. The building resides in what is known as the Kezar Triangle which is comprised primarily of the pavilion, a large parking lot to the south and the athletic stadium to the west. The pavilion gymnasium was constructed in 1926 with various additions added over the years between 1935 through 1964. The pavilion is currently used as a regional recreation space for indoor athletics and serves as the home of the Recreation and Parks Department's Park Ranger program. The facility has had extensive structural evaluation studies conducted and the building is considered the highest seismic hazard in the department's building portfolio.

The proposed project will include a complete renovation of the gym more functional with an improved seismic rating of 1.5. The space will be reconfigured to optimize usable space so that it can function as both a multi-use recreation hub but also be converted to an emergency response facility at the appropriate time of need. The old addition add-ons will be demolished and replaced with a new three story, attached building, one floor being set below grade. This new structure will continue to house the Park Rangers, but it will also include a new multi-use recreation space and new showers, restrooms and locker rooms. Like the gym, this new building addition will also be designed to function as a city asset for disaster response needs.

### **9-1-1 Call Center (2020)**

The 9-1-1 Call Center is operated and managed by the Department of Emergency Management. It is located at the City's Emergency Operations Center (EOC) at 1011 Turk Street in the Western Addition neighborhood and houses public safety dispatchers who answer all calls made to 9-1-1. These dispatchers are the initial point of contact for all of San Francisco's first responders, 24 hours a day. They serve the communications hub that dispatches first responders to the scene of accidents, crimes, fires and other emergency and non-emergency situations.

San Francisco's 9-1-1 Dispatch Center is one of the top 25 busiest 9-1-1 centers in the United States and receives an average of 3,700 calls each day. It is critical that our Dispatch Center can answer all calls for emergency and non-emergency service quickly. Since 2011, the City has seen an increase in 9-1-1 call volumes. ESER 2020 will provide the necessary funding to renovate the existing facility and expand the emergency operation floor to accommodate a higher number of dispatcher workstations in order to meet the increased demand.

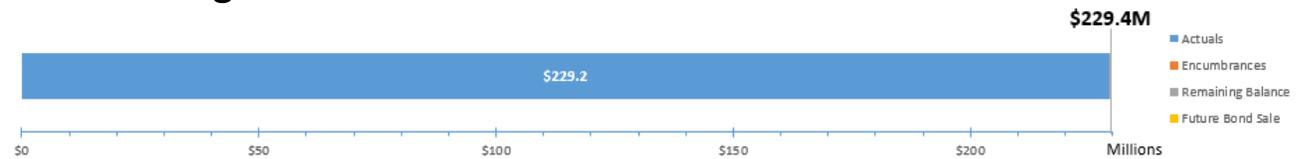
# Public Safety Building (PSB 2010 – \$229.4M)

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

## Recent accomplishments

- Project savings have been reallocated to NFS 2010 bond component; any remaining unspent balances will be reviewed for future spending authorization and reallocation

## Budget status



## Budget allocation



Complete



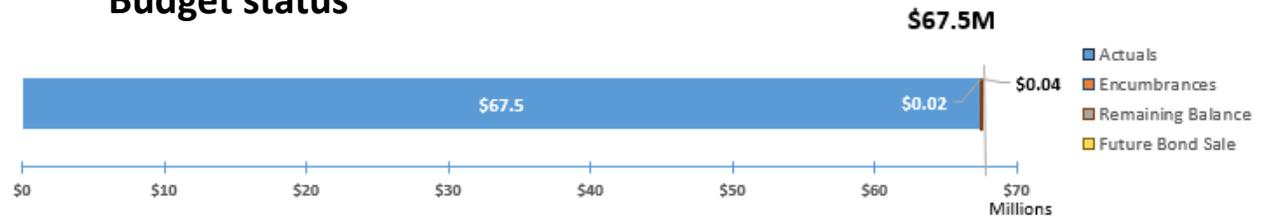
# Office of the Chief Medical Examiner (OCME 2014 – \$67.5M)

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

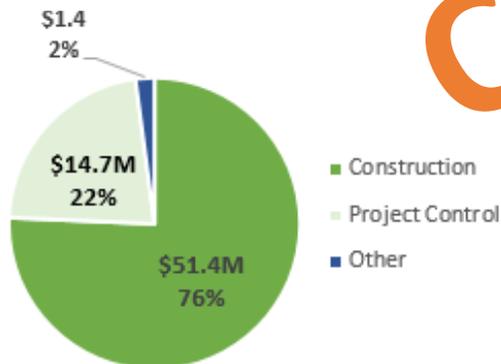
## Recent accomplishments

- LEED Gold certification awarded by USGBC (60 points achieved) in June 2021
- Final payment to executive architect to be released in June 2021

## Budget status



## Budget allocation



**Complete**





[www.sfpublicworks.org](http://www.sfpublicworks.org)  
[www.sfearthquakesafety.org](http://www.sfearthquakesafety.org)