

ESER 2020 Bond Program

Aug 3, 2026



San Francisco
Water Power Sewer
Services of the San Francisco Public Utilities Commission



ONESF
Building Our Future

Agenda

- ESER 2020 Background
- Fourth Issuance Request
- Project Updates
 - Emergency Firefighting Water System
 - Division of Training
 - Fire Station 7
 - Taraval Police Station

ESER Bond Program

The Earthquake Safety and Emergency Response (ESER) bond program strategically addresses critical public safety needs in San Francisco.

The program identifies seismic upgrades and improvements to City-owned facilities that are needed to help safeguard San Francisco.



Public Safety Building – funded through ESER 2010. Photo: Tim Griffith

ESER 2020 Program

Component	Description & Key Deliverables	Bond Measure Authorization
Emergency Firefighting Water Supply (EFWS)	Renovate, expand and seismically upgrade the City's Emergency Firefighting Water System	\$153.5 M
Neighborhood Fire Stations & Support Facilities	Strengthen, improve and rehabilitate neighborhood fire stations and support facilities, including the replacement of the firefighter and paramedic training facility currently located on Treasure Island	\$275.0 M
District Police Stations & Support Facilities	Make seismic, safety and operations improvements to district police stations and Police Department support facilities	\$121.0 M
Disaster Response Facilities*	Upgrade or replace critical City-owned disaster response facilities to ensure the City can deploy aid, provide shelter and coordinate emergency response activities	\$70.0 M
911 Call Center	Expand the 911 response facilities to provide more dispatchers, new technologies and increased efficiencies	\$9.0 M
*\$50 M was re-allocated from Kezar Pavilion to Fire Station 7 and Taraval Station. \$43.3 M is being used to fund Fire Station 7 and \$6.7 M is being used to fund Taraval Station.		Total Bond Program
		\$628.5 M
		Total Issued to Date
		\$385.5 M

Actions Under Consideration

Recommendation to authorize the fourth issuance of the Earthquake Safety and Emergency Response (ESER) General Obligation Bonds in an amount not to exceed \$215,000,000

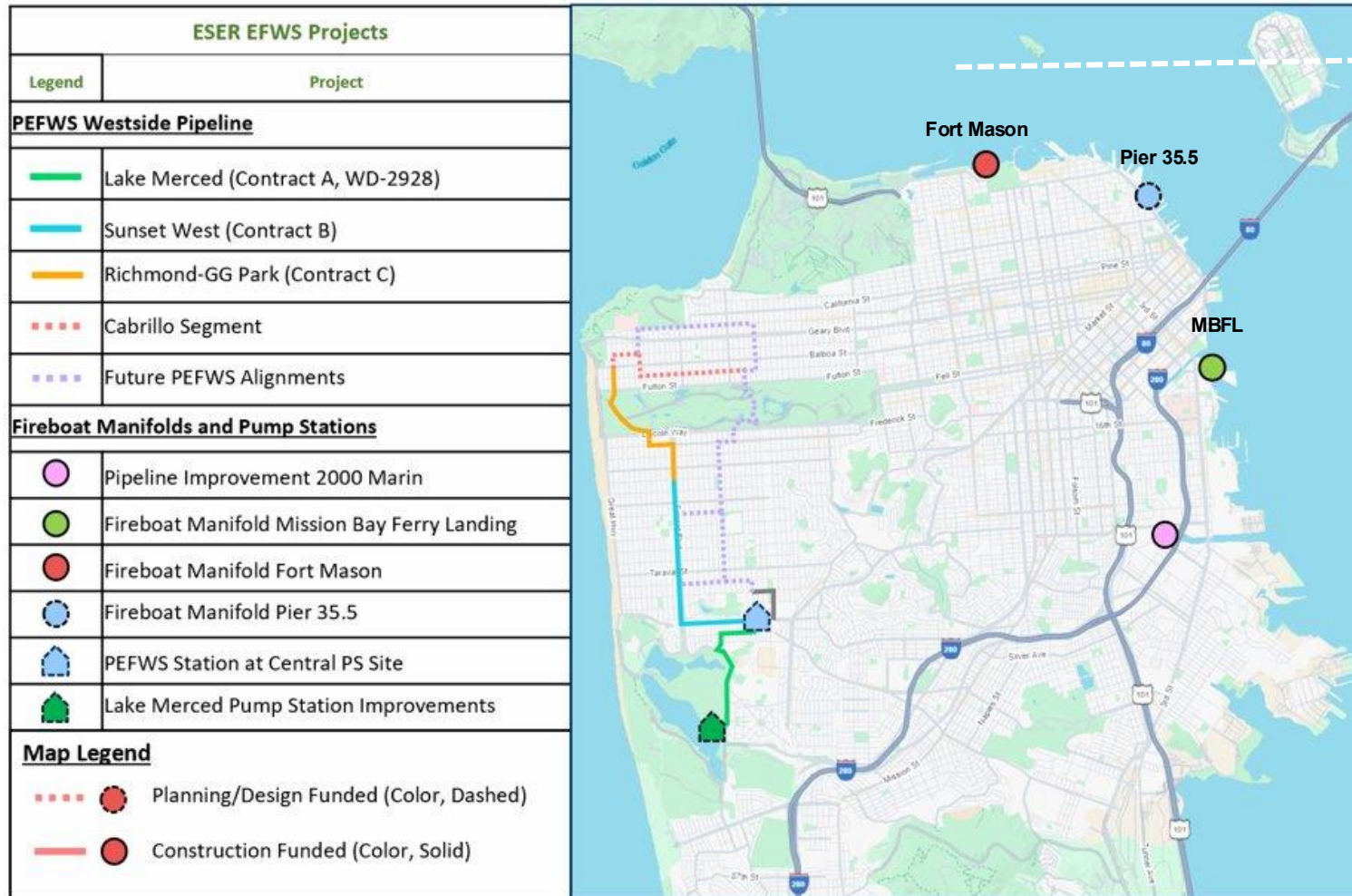
ESER 2020 Issuance Summary

Bond Components and Projects	Authorized Bond Amount	1st, 2nd & 3rd Issuances	Proposed 4th Issuance	Cumulative Issuance
Emergency Firefighting Water System	153,500,000	76,128,418	76,450,000	152,578,418
Neighborhood Fire Stations & Support Facilities	275,000,000	162,671,709	110,875,000	273,546,709
District Police Stations & Support Facilities	121,000,000	119,163,994	-	119,163,994
Disaster Response Facilities	70,000,000	15,855,705	22,896,000	38,751,705
911 Response Facilities	9,000,000	8,863,438	-	8,863,438
Subtotal	628,500,000	382,683,264	210,221,000	592,904,264
Oversight, Accountability & Cost of Issuance		2,831,736	1,214,000	4,045,736
Reserve for Market Uncertainty			3,565,000	
Total	628,500,000	385,515,000	215,000,000	596,950,000

Planned Spend of Bond Proceeds from 4th Issuance

Project	Previous Issuances	Projected			Cumulative ESER 2020 Proceeds
		FY27	FY28	FY29	
Emergency Firefighting Water System	76,128,418	22,314,547	48,072,353	6,063,100	152,578,418
Division of Training (DOT) Construction	162,671,709	36,787,000	57,535,000	16,553,000	273,546,709
Fire Station 7 Planning and Design	-	2,840,600	4,670,400	8,685,000	16,196,000
Taraval Station Renovation Planning	-	2,500,000	3,200,000	1,000,000	6,700,000
		64,442,147	113,477,753	32,301,100	

Emergency Firefighting Water Systems (EFWS)



Locations:

Potable Emergency Firefighting Water System (PEFWS):

- Construct Lake Merced Pump Station Improvements (Contract A)
- Construct Pipeline from Lake Merced to Sloat Blvd./23rd Ave. (Contract A)
- Construct Pipeline from Sloat Blvd./23rd Ave. to Sloat Blvd. and along 37th Ave. (Contract B)
- Construct Pipeline through remainder of 37th Ave., Golden Gate Park and into the Richmond District (Contract C)
- Plan Central Pump Station

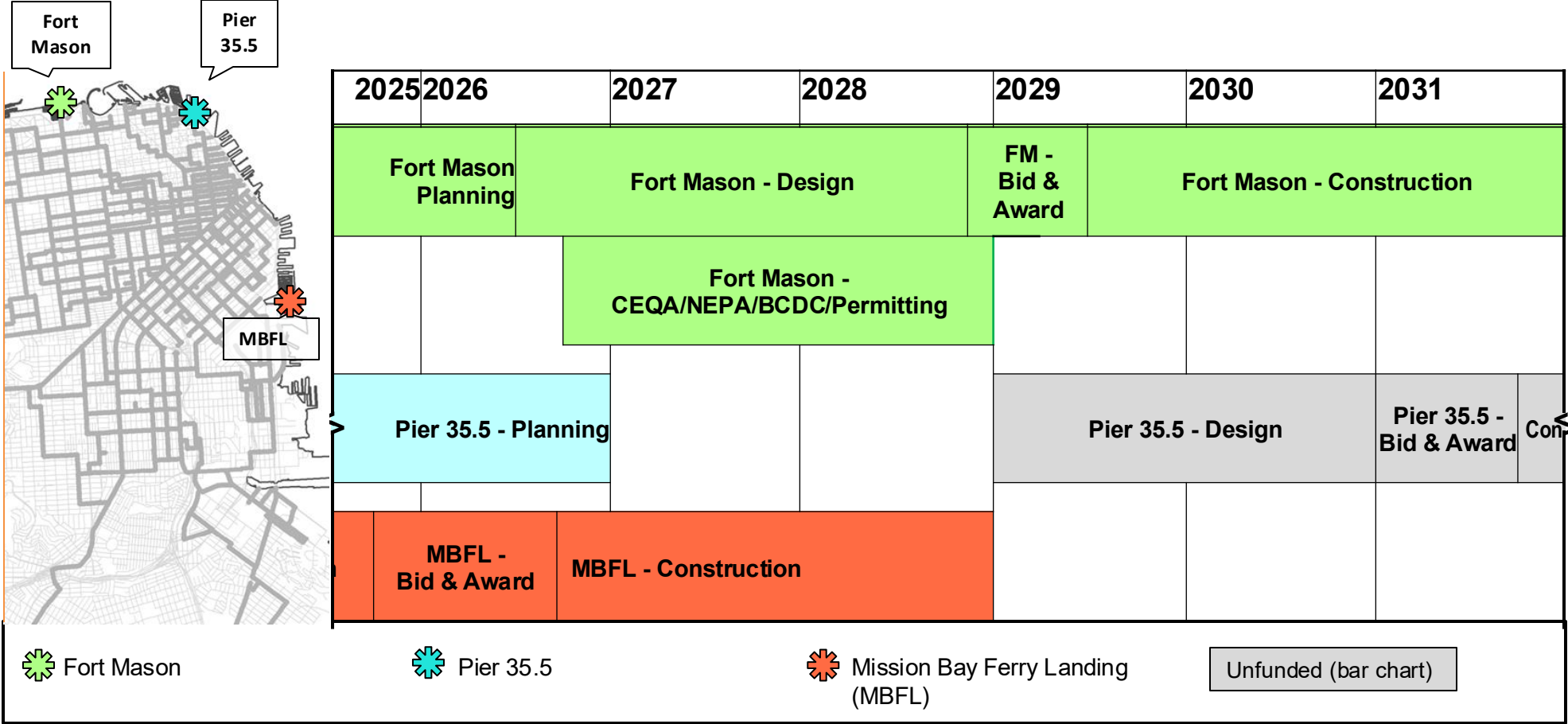
Fireboat Manifolds:

- Construct Mission Bay Ferry Landing
- Construct Fort Mason
- Planning for Pier 35 ½

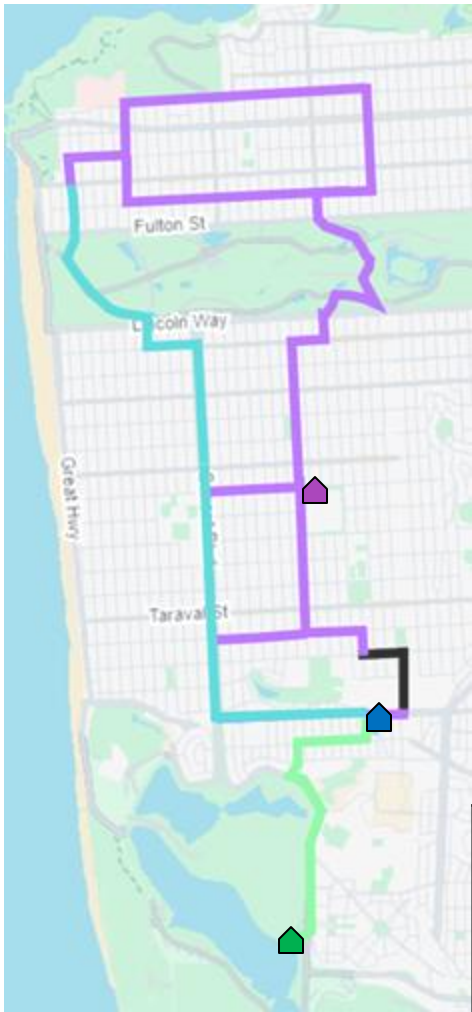
Emergency Firefighting Water System ESER Funding

ESER	EFWS Amount	ESER 2020 EFWS Fourth Issuance	Planned/In-Progress Projects
2020	\$151.2M	\$76.4M for construction of Contract A Pipeline	• New Pipelines and Hydrants: Construction of 2000 Marin pipeline and street valve motorization project, construction of Westside emergency firefighting water system from Lake Merced to the Sunset District and planning through the Richmond District. • New Fireboat Manifolds and Pipelines: Construction for Mission Bay Ferry Landing, design for Fort Mason and planning for Pier 33.5. • Assessments: Planning evaluations.
2026	\$130M	NA	• New Pipelines and Hydrants: Construction of Westside emergency firefighting water system from Sunset District into the Richmond District. • New Fireboat Manifolds and Pipelines: Construction for Fort Mason. • Assessments: Continued planning evaluations.

EFWS Fireboat Manifold Projects



Westside EFWS Updated Schedule



- Contract C - accelerated by 1 to 2 years.
- Contract B - on schedule.
- Contract A - delayed 1 to 1.5 years. Possibly longer if further CEQA appeal.
- Challenges: CEQA appeal(s) and complex soil conditions on Contract A.
- Solutions: Brought on expertise for Contract A. Evaluating combining Contracts B&C and using Progressive Design Build to finish earlier.

PEFWS Projects	2025	2026	2027	2028	2029	2030	2031
Contract A	Contract A - Design		Bid/Award	Construction			
Contract B&C		Contract B&C Procurement/Pre-design			Contract B&C Design-Build		

* Contract B and C schedule assumes pending approval of alternative delivery method.

Contract A – in progress

Contracts B&C – in progress

Constructed

Future Pipelines

Future Central Pump Station

Future Sunset Pump Station

Lake Merced Pump Station

Soil Challenges on Contract A



EFWS Contract A – Supplemental Geotechnical Study

- Large soil movements ~15 feet anticipated in major earthquake at historic creek beds due to poor soil conditions.
- The filled-soil crossings are up to 80 feet deep and 600 feet wide in some areas.
- Design delayed to assure performance requirements can be met in these challenging areas.
- Both pipeline and soil improvements being evaluated; soil improvements also benefit other utilities (roads, gas line) for higher cost.
- Pipeline manufacturer completed successful project specific tests to demonstrate performance; technology still being evaluated.

SFFD Division of Training

Location: 1236 Carroll Ave.

Project Estimate: \$279.3M



100% Design Development Rendering (DLR Group, July 2025)

Project Background:

- Fire Training Facility at Treasure Island obliged to depart Treasure Island for emerging development
- Existing Division of Training facilities at 19th St./Folsom St. and Treasure Island to be combined
- 1236 Carroll Ave. secured; Port property / State Lands approved in February 2023; escrow closed in November 2023

Current Status and Timeline:

- Construction started 4/27/26
- Final construction completion scheduled for March 2029

Fire Station 7

Location: 2300 Folsom St.

Project Estimate: \$43.3M



Project Background:

- Subject property consists of three buildings: Fire Station 7, Training Building and Drill Tower
- Project includes replacement of the existing three-story Fire Station 7 Building and demolition of the Training Building

Current Status and Timeline:

- Planning started in January 2026
- Construction scheduled to start in 2029

Taraval Police Station Renovation and Addition

Location: 2345 24th Ave.

Project Estimate: \$67.7M



Project Background:

- Recent analysis determined the station could be vulnerable to damage from an earthquake
- New facility will allow for continuous operations after a major earthquake
- Project will preserve the historic structure, built in 1929
- Additions will be made to augment building footprint, to support programming needs

Current Status and Timeline:

- Project currently in early Planning Phase
- Design Phase to begin late Q2 2026 – 2027

Bond Program – Risks and Challenges

- Tariffs
- Supply chain
- Cost escalation
- Permitting and regulatory approvals
- Stakeholder complexity

Sources and Uses for Proposed GO Bond Series 2026C

CURRENT PLAN OF FINANCE

- Not to exceed par amount of \$215M
- Expected term of 20 years for Series 2026C
- Estimated True Interest Cost (tax-exempt) of 4.25%
- Average annual debt service of \$15.7M for Series 2026C
- Estimated total interest cost for Series 2026B bonds: \$102.1M

DEBT CAPACITY

- GO Debt Outstanding as of 7/1/26: \$2.36B (0.66% of Net Assessed Valuation for FY26)
 - The proposed \$211.4M Series 2026C bonds would increase the debt ratio by approximately 0.06% of Net Assessed Valuation for FY26
- Issuance of 2026C bonds is consistent with FY2006 property tax rate cap policy

	Series 2026C (2020 ESER)
Estimated Sources:	
Not-to-Exceed Par Amount	\$215,000,000
Estimated Par	\$211,435,000
Reserve for Market Uncertainty	\$ 3,565,000
Total Sources	\$215,000,000
Estimated Uses:	
Project Fund Deposit	
Project Fund	\$210,221,000
CSA Audit Fee	\$420,442
Total Project Fund Deposits	\$210,641,442
Delivery Date Expenses	
Cost of Issuance	\$476,405
CGOBOC Fee	\$211,435
Underwriter's Discount	\$105,718
Total Delivery Date Expenses	\$793,558
Reserve for Market Uncertainty	\$3,565,000
Total Uses	\$215,000,000

Financing Schedule for Proposed GO Bond Series 2026C

MILESTONES	DATES*
• Introduction of Legislation to Board of Supervisors	July 28, 2026
• Capital Planning Committee	Aug. 3, 2026
• Budget and Finance Committee	Sept. 2, 2026
• Board of Supervisors Considers Resolution and Ordinance (1 st Hearing)	Sept. 15, 2026
• Board of Supervisors Considers Ordinance (2 nd Hearing)	Sept. 22, 2026
• Sale and Closing of Bonds	October 2026

**Please note that dates are estimated unless otherwise noted.*

Thank You

Questions?



ESER Webpage:
<https://sfpublicworks.org/eser>

Appendix



ESER 2020 Bond Program



ESER 2020 Program Overview (1/2)

Component	Description & Key Deliverables	Project Selection Process
Emergency Firefighting Water System (EFWS)	Renovate, expand and seismically upgrade the City's Emergency Firefighting Water System.	The SFPUC's EFWS 2050 Planning Study is the basis for project selection including continuation of the multi-phased Westside Potable Emergency Firefighting Water System (PEFWS) and fireboat manifold projects. Final decisions about projects will be made through coordination between the Fire Department, Public Works and the San Francisco Public Utilities Commission.
Neighborhood Fire Stations & Support Facilities	Strengthen, improve and rehabilitate Neighborhood Fire Stations and Support Facilities, including the replacement of the firefighter and paramedic training facility currently located on Treasure Island.	The importance of the SFFD Division of Training (formerly "Fire Training Facility") is driven by the fact that SFFD must vacate its current location on Treasure Island for planned redevelopment.
District Police Stations & Support Facilities	At Ingleside Station, seismic strengthening of existing historic station and construction of a new seismically safe police building that will meet modern policing standards, improve emergency response and provide resiliency with renewable energy. At 1828 Egbert Ave. provide Surge space that will convert to SFPD's Property Control Division. Voluntary structural improvements and shower restorations were completed at Mission Station.	Police Department projects are selected from among the list of stations and other facilities that are identified as in most need from operational and state of condition assessments. The projects selected pose a life-safety hazard as they are at-risk of partial or substantial collapse during and after a major earthquake.

ESER 2020 Program Overview (2/2)

Component	Description & Key Deliverables	Project Selection Process
Disaster Response Facilities	Upgrade or replace critical City-owned Disaster Response Facilities to ensure the City can deploy aid, provide shelter and coordinate emergency response activities.	Kezar Pavilion was selected as a facility with high seismic vulnerabilities and opportunities to serve multiple disaster-response functions. The project benefits a vulnerable asset while augmenting the City's emergency preparedness capabilities and expanding program opportunities for general public use. Public safety facilities Fire Station 7 and Taraval Station were selected to increase seismic safety and ensure smooth public safety operations.
911 Call Center	Expand the 911 Response Facilities to provide more dispatchers, new technologies and increased efficiencies.	The City's Emergency Operations Center requires a major upgrade and expansion of its 911 Call Center to best align with the service needs of a growing San Francisco population.

ESER 2020 Status Updates (1/2)

Component	Accomplishments/Milestones
Emergency Firefighting Water Supply (EFWS)	Westside EFWS: • Planning and design continues for pipelines and pump station improvements working toward bidding for Contract A Lake Merced Pump Station and Contract A Pipeline. • Planning Department issued the Final Mitigated Negative Declaration for Westside EFWS. Fireboat Manifolds: • Mission Bay Ferry Landing received and is currently evaluating bids. • Project planning continues for improvements to Pier 35 1/2. Fort Mason is initiating design phase.
Neighborhood Fire Stations & Support Facilities	Division of Training (DOT): • 95% construction documents and necessary Value Engineering changes have been completed. In permit review now with DBI. • Construction on site began on 4/27/26. Demolition, grading, test piles and DSM (Deep Soil Mixing) have begun on site. • Production piles (400+) begin in July 2026, followed by foundations, structural steel, etc. Expected substantial completion in December 2028.

ESER 2020 Status Updates (2/2)

Component	Accomplishments/Milestones
District Police Stations & Support Facilities	Mission Police Station: - Structural improvements were completed in April 2023 and shower restoration/waterproofing and ADA improvements were completed in September 2023. Total project cost: \$1.15M Surge: - NTP to Clark Construction issued on Feb. 18, 2026. Substantial completion in summer 2027. Ingleside Station: 50% Construction Documents provided on June 1, 2026, for estimating. 95% CDs due on Jan. 4, 2027.
Disaster Response Facilities	Kezar Pavilion - RPD released the RFQP for CM/GC and proposals are currently under review. Award anticipated in Summer 2026. Design Development & Pre-Construction services to start in Fall 2026. Fire Station 7 (FS7): - Limited funding has allowed Concept Design and environmental review documentation to begin. 4th Issuance funds needed to continue design. Taraval Station: - Planning funded through ESER 2020. Remaining project funds to be utilized from 2026 ESER Bond.
911 Call Center Renovation	Complete and closed out.

Kezar Pavilion Renovation Project

Location: 755 Stanyan St.



Project Background:

- Kezar Pavilion is a historic structure, built in 1926, and the Annex facility was constructed between 1935-1964
- A major seismic event would impair the structure's ability to perform its service function and would create public life/safety issues
- Renovated building to serve in disaster relief capacity such as a mass care shelter in the event of a major emergency

Current Status and Timeline:

- Project currently in CM/GC procurement phase
- Design Development and Pre-Construction Phase to begin fall 2026

Ingleside District Police Station Replacement

Location: 1 Sgt. John V. Young Lane, Balboa Park



Project Background:

- Seismic analysis determined the station could be vulnerable to damage from an earthquake
- New facility will allow for continuous operations after a major earthquake
- Project will preserve the historic structure, built in 1910, and will be LEED Gold-certified
- Community Room at the new building will provide a venue for SFPD's Community Outreach program

Current Status and Timeline:

- Project currently in design phase
- Target Construction phase – Q3 2027 through Q3 2029

Surge Facility

Location: 1828 Egbert Ave., Bayview

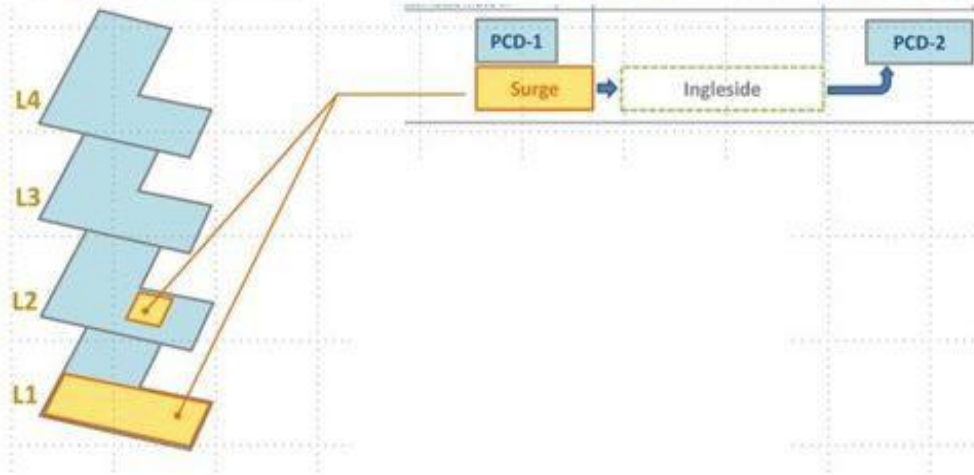


Recent Project Milestones:

- 2/18/26 – NTP issued to Clark Construction

Upcoming Milestones:

- 4/19/27 – Substantial Completion



Previous Bond Program Updates

ESER 2010 Bond Overview

- **Scope:** Approved by voters in June 2010, ESER 2010 is a comprehensive program to enhance earthquake safety and emergency response by ensuring that police and fire facilities and infrastructure remain uncompromised in the mission to ensure public safety, particularly after a major earthquake or disaster.
- **Bond Authorization Total:** \$412,300,000
- **Amount Issued to Date:** \$421,376,692

Bond Components and Projects	Budget (i)	Funding	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Public Safety Building (PSB)	229,379,359	229,379,359	229,379,359	0	0	100%
Neighborhood Fire Stations (NFS)	83,111,319	83,111,319	83,111,319	0	0	100%
Auxiliary Water Supply System (AWSS)	105,332,833	105,332,833	104,691,372	0	641,461	99%
Oversight, Accountability & Cost of Issuance (ii)	3,553,181	3,553,181	3,553,181	0	0	100%
TOTAL	421,376,692	421,376,692	420,735,230	0	641,461	100%

Financial data as of 11/12/2025

(i) Current budgets per PeopleSoft inclusive of FY16, FY24 and FY25 interest appropriations

(ii) Includes underwriter fees \$1.38M and transfer out to debt service \$578,529

ESER 2010 Status Updates

Bond Component	Accomplishments/Milestones
Public Safety Building	Completed April 2015 -- Project relocated the police administrative headquarters and the Southern District Police Station from the seismically deficient Hall of Justice to a 290,000-square-foot facility, built from the ground up, in Mission Bay. The campus also houses the new Fire Station No. 4.
Neighborhood Fire Stations – Major Projects	Fire Station 16 Replacement completed January 2019 Fire Station 5 Replacement completed April 2019
Neighborhood Fire Stations – Focused Scope	Completed 2022 – 71 projects: • 15 roof replacements • 8 shower renovations • 12 window repairs • 15 mechanical system upgrades • 16 exterior envelope improvements • 5 generator replacements
Auxiliary Water Supply System	Completed projects: Installation of 30 new cisterns; major improvements to Twin Peak Reservoir, Ashbury Tank, Jones Street Tank, Pumping Station No. 1, Pumping Station No. 2, Ashbury Bypass pipeline and Irving Street pipeline; planning evaluations; field investigations of existing facilities.

ESER 2014 Bond Overview

- **Scope:** ESER 2014 was approved by voters in June 2014 and builds on the ESER 2010 Bond Program. It is a comprehensive program to enhance earthquake safety and emergency response by ensuring that first responders' facilities and infrastructure remain uncompromised in the mission to ensure public safety, particularly after a major earthquake or disaster.
- **Bond Authorization Total:** \$400,000,000
- **Amount Issued to Date:** \$415,318,257

Bond Components and Projects	Adjusted Budget (ii)	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Office of the Chief Medical Examiner (OCME)	67,533,024	67,533,024	67,532,612	0	412	100%
Traffic Company & Forensic Services Division (TCFSD)	171,770,137	171,770,137	171,760,137	0	10,000	100%
Police Facilities (PF)	37,534,574	37,534,574	25,829,511	0	11,705,062	69%
Neighborhood Fire Station (NFS)	73,495,729	73,495,729	65,682,627	1,207,590	6,605,512	89%
Emergency Firefighting Water System (EFWS)	57,657,516	57,657,516	53,534,796	366,504	3,756,216	93%
Oversight, Accountability & Cost of Issuance (iii)	7,327,277	7,310,141	3,855,556	0	3,454,585	53%
TOTAL (i)	415,318,257	415,301,120	388,195,239	1,574,094	25,531,787	93%

(i) Financial data as of 7/20/2026

(ii) Current budgets per PeopleSoft inclusive of FY24 and FY25 interest appropriations

(ii) Includes underwriter fees \$2M and partial interest funds on reserve

ESER 2014 Status Updates

Bond Component	Accomplishments/Milestones
Office of the Chief Medical Examiner	Relocated to a modern, seismically safe building; project is complete and the facility opened for business on 11/6/2017.
Traffic Company & Forensic Services Division (TCFSD)	Final Completion achieved 10/21/21; The facility houses the SFPD's Forensic Services Division (FSD) Crime Scene Investigations (CSI) Unit and the Crime Lab, plus SFPD's Traffic Company (TC). The facility is equipped with laboratory spaces, evidence storage, vehicle exam bays, a firearm testing facility, conference and office spaces; also includes a parking garage for TC motorcycle parking.
Neighborhood Fire Stations – Major Projects	Fireboat Station 35 at Pier 22 ½: Final Completion achieved on 11/22/2022; project replaced seismically deficient Fireboat Station 35; new floating waterfront fire station is designed to meet the challenges of sea level rise.
Neighborhood Fire Stations – Focused Scope	Improvements – including window, generator, boiler, security fence and apparatus bay door replacements – underway or completed at various fire stations. The Network Modernization project, co-managed with DT, upgraded all fire stations' network infrastructure, adding them to 9 new fiber rings.
District Police Stations	3 focused scope projects completed at 7 stations (Northern, Richmond, Taraval, Park, Ingleside, Bayview, Tenderloin)
Emergency Firefighting Water Supply (EFWS)	Completed projects: Candlestick Point pipeline, Columbus Avenue pipeline, Fillmore/Haight pipeline, Mission Street pipeline, Mariposa/Terry Francois Boulevard pipeline and Terry Francois Boulevard/Mission Rock Street/Warriors Way pipeline, 19th Avenue pipeline and Clarendon Supply pipeline.