

ESER 2010, 2014 and 2020 Bond Project Updates and Proposed ESER 2026 Bond Projects

**Presentation to the Capital Planning Committee
November 17, 2025**



Agenda

- ESER overview
- ESER 2010
- ESER 2014
- ESER 2020
- ESER 2026
- Risks and challenges



Fireboat Station 35 – funded through ESER 2014. Photo: Russell Abraham

ESER Bond Program

Earthquake Safety and Emergency Response (ESER) is San Francisco's bond program to strategically address critical public safety needs in the City.

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



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

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, & FY25 interest appropriations

(ii) Includes underwriter fees \$1.38M & 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	Budget (i)	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Office of the Chief Medical Examiner (OCME)	67,533,024	67,533,024	67,498,373	0	34,651	100%
Traffic Company & Forensic Services Division (TCFSD)	171,770,137	171,770,137	171,601,930	103,057	65,151	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	64,095,556	1,336,130	8,064,042	87%
Emergency Firefighting Water System (EFWS)	57,657,516	57,657,516	52,792,319	1,012,791	3,852,406	92%
Oversight, Accountability & Cost of Issuance (ii)	7,327,277	7,327,277	3,850,022	0	3,477,255	53%
TOTAL	415,318,257	415,318,257	385,667,712	2,451,978	27,198,568	93%

Financial data as of 11/12/2025

(i) Current budgets per PeopleSoft inclusive of FY24 & 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; Facility is equipped with laboratory spaces, evidence storage, a firearm testing facility and conference and office spaces; also includes space allocated for all SFPD 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 and apparatus bay door replacements – underway or completed at various fire stations
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. Completed construction: 19th Avenue pipeline, Clarendon Supply pipeline.

ESER 2020 Bond Overview

- **Scope:** ESER 2020 was approved in March 2020 and builds on the ESER 2010 and 2014 Bond Programs. 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:** \$628,500,000
- **Amount Issued to Date:** \$385,661,793
- **Anticipated Future Issuances:** \$
- **Anticipated Date of Next Issuance:** Q3 FY27

Bond Components and Projects	Bond Authorization (Voter Approved)	Bond Proceeds Issued to Date	Spent & Committed	Unspent Issued Balance	% of Issued Funds Spent & Committed	Remaining Authorization Not Yet Issued
Emergency Firefighting Water System	151,170,852	76,128,418	36,993,534	39,134,884	49%	75,042,434
Neighborhood Fire Stations & Support Facilities	270,827,260	162,671,709	148,115,321	14,556,388	91%	108,155,551
District Police Stations & Support Facilities	119,163,994	119,163,994	79,763,468	39,400,526	67%	0
Disaster Response Facilities (Kezar Pavilion)	68,937,848	15,855,705	5,046,988	10,808,717	32%	53,082,143
911 Response Facilities	8,863,438	8,863,438	8,376,771	486,667	95%	0
Oversight, Accountability & Cost of Issuance (i)	9,536,608	2,978,529	1,846,038	1,132,491	62%	6,558,079
TOTAL	628,500,000	385,661,793	280,142,120	105,519,673	73%	242,838,207

Financial data as of 11/12/2025

(i) Includes underwriter fees \$451K

ESER 2020 Program Overview

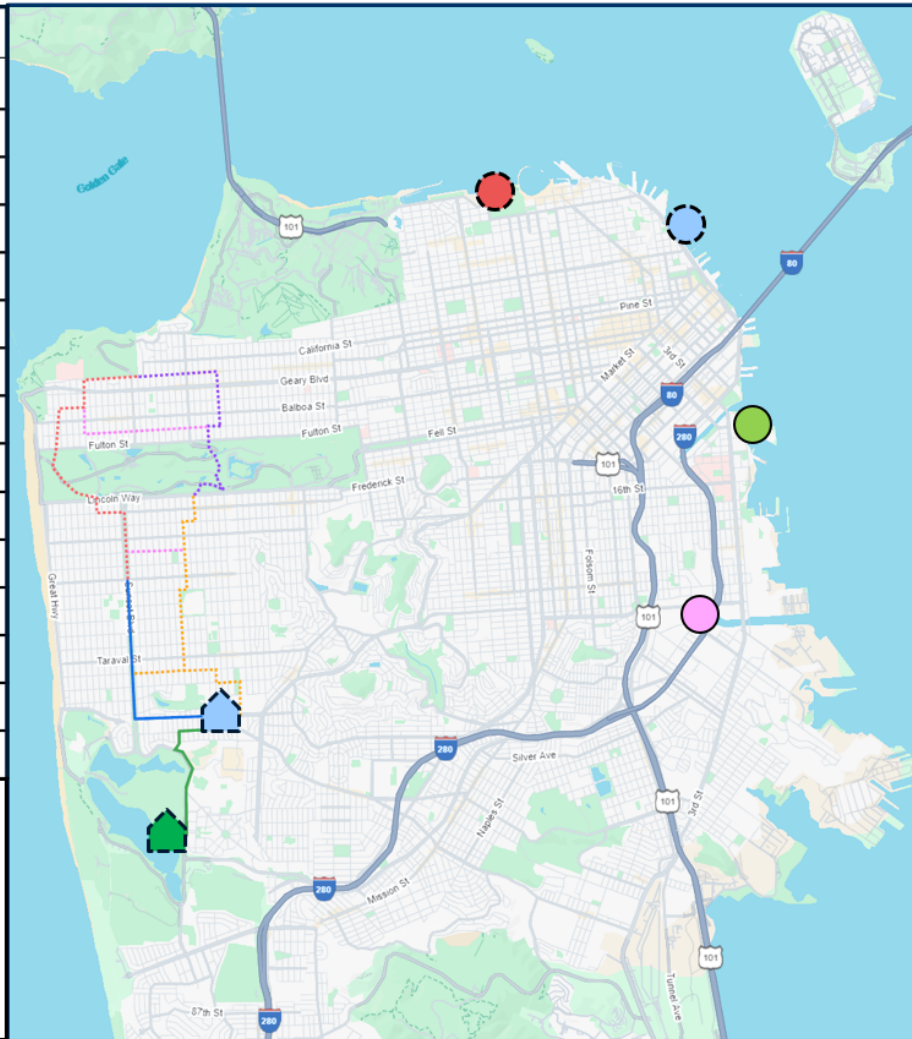
Component	Description & Key Deliverables	Project Selection Process
Emergency Firefighting Water Supply (EFWS)	Renovate, expand, and seismically upgrade the City's Emergency Firefighting Water System	The SFPUC's <u>EFWS 2050 Planning Study</u> is the basis for project selection including continuation 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. Due to the funding required for this project, insufficient funding remains for Fire Station 7.
District Police Stations & Support Facilities	At Ingleside Station, seismic strengthening of existing historic station & 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 from the effect of a major earthquake.
Disaster Response Facilities (Kezar Pavilion)	Upgrade or replace critical City-owned Disaster Response Facilities to assure 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.
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

Component	Accomplishments/Milestones
Emergency Firefighting Water Supply (EFWS)	Potable Emergency Firefighting Water System (PEFWS): • Planning and design continues for pipelines and pump station improvements. • Construction completed for PEFWS pipelines on Vicente Street from 19th Avenue to 26th Street and on 19th Avenue from Vicente Street to Sloat Boulevard. Fireboat Manifolds project planning continues for improvements to manifolds at Fort Mason and Pier 35 1/2. The Mission Bay Ferry Landing fireboat manifold is transitioning from design into bidding, and then into construction.
Neighborhood Fire Stations & Support Facilities	Division of Training (DOT): On-site construction anticipated to start in December 2025 with demolition/grading and test pile program.
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: Permit and Bid Phase Ingleside Station: 100% Design Development due on 12/15/25
Disaster Response Facilities (Kezar Pavilion)	RPD to release RFQP for CM/GC. Design Development phase will follow.
911 Call Center Renovation	Project is completed and closed out.

Emergency Firefighting Water Systems (EFWS)

ESER EFWS Projects	
Legend	Project
PEFWS Westside Pipeline Program	
	Lake Merced (Contract A;WD-2928)
	Sunset West (Contract B)
	Richmond-GG Park (Segments C & D)
	Richmond-GG Park (Segment E)
	Sunset East
	Richmond & Lawton Loops
EFWS Program (Manifolds and Pump Stations)	
	Pipeline Improvement 2000 Marin
	Fireboat Manifold MBFL
	Fireboat Manifold Fort Mason
	Fireboat Manifold Pier 35.5
	Central Pump Station
	Lake Merced PS Improvements
Map Legend	
	Future Construction Projects (Color, Dashed)
	Construction Funded Projects (Color, Solid)



Locations:

Potable Emergency Firefighting Water System (PEFWS)

- Construct 42-inch pipeline from Lake Merced to Sloat Blvd/23rd Ave and Lake Merced Pump Station Improvements (Contract A)
- Construct 36-inch pipeline from Sloat/23rd Ave to 37th Ave/Lawton (Contract B)
- Planning Central Pump Station

Fireboat manifolds:

- Fort Mason
- Pier 33 ½
- Mission Bay Ferry Landing (MBFL)

Project Background:

- Prior studies planned for high-pressure fire suppression for the west side of the City
- The studies provided a condition assessment, identified system needs, recommended level of service criteria

SFFD Division of Training



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

Location:

1236 Carroll Ave.

Project Background:

- FTF at Treasure Island obliged to depart TI for emerging development
- Division of Training facilities at 19th/Folsom & TI to be combined
- BOS approval CEQA February 2022
- 1236 Carroll secured; Port property / State Lands approved in February 2023, Escrow closed in November 2023

Ingleside District Police Station Replacement

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



Project Background:

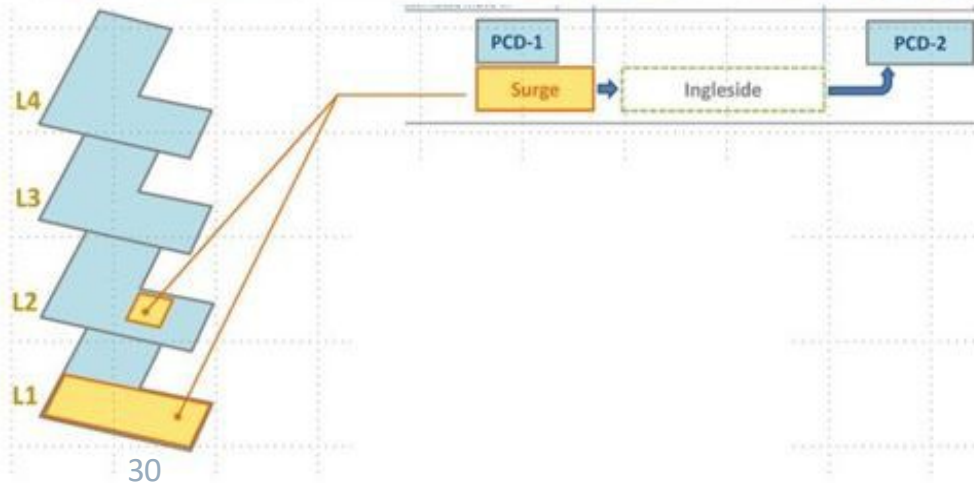
- Recent analysis determined the station could be vulnerable to damage from an earthquake
- New facility will allow for continuous operations after a major earthquake
- Project will preserve the historic structure, built in 1910, and will be LEED Gold-certified
- Community Room at the new building will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

Current Status and Timeline:

- Project currently in design phase
- Construction phase – Q1 2027 through Q1 2029

Surge Facility

Location: 1828 Egbert Ave., Bayview



Recent Project Milestones:

- 4/10/25 – 95% Construction Documents completed and permit application to DBI

Upcoming Design Milestones:

- November 2025 – anticipated permit

Upcoming Bid/Award/Construction Milestones:

- December 2025 – CMGC bid & award completion
- December 2025 – Construction NTP for PCD-Surge (swing space for Ingleside Station)
- February/March 2027 – Substantial Completion

911 Call Center



Project Status:

- 911 Call Center Renovation – Completed
- Security Badging System Replacement – Completed
- EV Charger and Critical Load Re-Distribution – in construction, anticipate completion in December 2025

ESER 2026 Program Overview

Component	Proposed Allocation	Description & Key Deliverables	Project Selection Process
Emergency Firefighting Water System (EFWS)	\$130 million	Renovate, expand and seismically upgrade the City's Emergency Firefighting Water System, including extending the Potable Emergency Firefighting Water System into the Richmond District and constructing the fireboat manifold at Fort Mason.	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	\$100 million	Strengthen, improve and rehabilitate Neighborhood Fire Stations and Support Facilities, including the replacement of fire stations that are seismically unsafe.	Replacing seismically unsafe fire stations categorized as the HSR 4 (highest seismic hazard rating) is of the utmost importance because they are in danger of collapse that may result in serious injuries or death for the firefighters working in those stations.
District Police Stations & Support Facilities	\$65 million	Renovate, improve and expand dilapidated Police Stations that are no longer adequate for the operational needs of the SFPD.	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 from the effect of a major earthquake.
Muni Maintenance Bus Yard	\$200 million	Replace a 110-year-old, seismically unsafe Muni bus yard with a modern bus maintenance and storage facility to help ensure Muni has buses available to provide transit service after a disaster.	The City will prioritize the improvement projects that are the most necessary, beneficial and cost-effective to support Muni's mission and its ability to aid the City's disaster response and recovery efforts following a major earthquake.
Critical Public Safety Building Repairs	\$30 million	Make critical building repairs and improvements at public safety facilities.	The City will prioritize the improvement projects that are the most necessary, beneficial and cost-effective.

ESER 2026 – Emergency Firefighting Water System

- Planned 2026 bond allocation: \$130 million
- Next phase of EFWS: Expand capacity to include a separate component that uses drinking water
- This extension of the system can supply water for both fighting fires and for drinking
- Expanded system would extend high-pressure water pipelines, hydrants and key connection points into the City's western neighborhoods



New pipe for Potable Emergency Firefighting Water Systems pipeline at 19th Ave and Sloat Blvd.

ESER 2026 – Neighborhood Fire Stations and Support Facilities

- Planned 2026 bond allocation: \$100 million
- Renovate/replace fire stations with the highest-priority needs to provide improved life-safety and seismic performance, meet essential facility standards and create a healthy work environment for firefighters and EMTs
- Vulnerable stations in need of improvements include:
 - Fire Station No. 2, 1340 Powell St.
 - Fire Station No. 7, 2300 Folsom St.
 - Fire Station No. 8, 36 Bluxome St.
 - Fire Station No. 40, 2155 18th Ave.



In a 2017 Public Works seismic survey, Fire Station 2 was listed as a high safety hazard with an SHR rating of 4, placing it in the highest risk category.

ESER 2026 – District Police Stations and Support Facilities

- Planned 2026 bond allocation: \$65 million
- Some police stations are more than a century old and at risk of failure during a major earthquake
- Additionally, some Police Department stations and support facilities are outdated, inadequate and don't meet today's policing needs
- Stations and facilities in need of improvements include:
 - Taraval Police Station
 - SFPD Property Control Division



Built in 1915, the Taraval Police Station's historic building has a high probability of collapsing after a major earthquake and would not be operational, potentially increasing response times and delaying service.

ESER 2026 – Potrero Bus Yard Resiliency Upgrades

- Planned 2026 bond allocation: \$ 200 million
- In the event of a large-scale disaster, Muni's fleet must be prepared to provide transit services to help evacuate residents, commuters and tourists
- Buses may be needed for disaster response, including transporting disaster service workers, emergency responders and emergency supplies to key deployment locations across the City
- Maintenance facilities like Potrero Yard, which was built in 1915 and is Muni's second oldest bus yard, are essential to repairing and keeping buses running during an emergency event
- A partial or total collapse of the bus yard, risks employee lives and the destruction of the fleet



The Potrero Yard is more than a century old and long past its lifespan.

ESER 2026 – Critical Public Safety Building Repairs

- Planned 2026 bond allocation: \$30 million
- State-of-good-repair projects would include building improvements, such as the repair or replacement of roofs and plumbing and electrical systems
- The City will prioritize the improvement projects that are the most necessary, beneficial and cost-effective



ESER 2026 – Risks and Challenges

- Tariffs
- Supply chain
- Scope changes
- Cost escalation
- Schedule delays
- Permitting, regulatory and stakeholder complexity

Thank you!

Questions?



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