

EFWS 2050 Financing Study Overview



September 14, 2022 | BOS Budget & Finance

Emergency Firefighting Water System (EFWS)

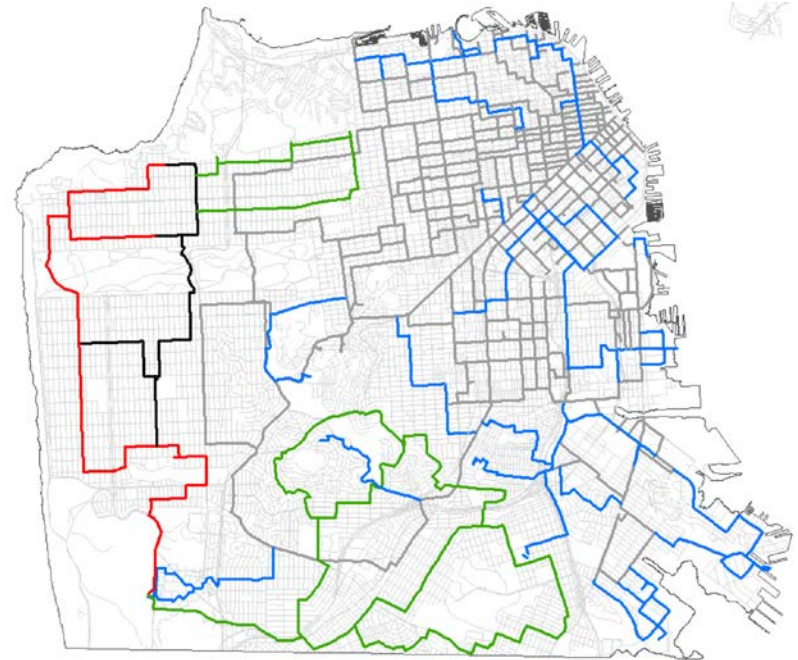
Emergency Firefighting Water System (EFWS) is a high-pressure fire-suppression water system built after the 1906 earthquake

- Since 2010 - SFPUC, SFFD, and Public Works have been implementing projects to improve the EFWS.
- Projects completed utilizing Earthquake Safety and Emergency Response Bonds (ESER):
 - **2010 Bond: \$102 million** (Fixing and updating existing EFWS water sources and pipelines)
 - **2014 Bond: \$54 million** (Continue fixing/updating existing EFWS and minor pipeline expansion)
 - **2020 Bond: \$153.5 million** (Westside Phase 1 – major pipeline and water source expansion)



EFWS Pipeline – Existing & Future

1. **Existing – Grey**
2. **Phase 1 of Westside – Red** (funded via the 2020 ESER Bond, implementation occurring)
3. **Phase 2 of Westside – Black** (unfunded)
4. **Future proposed pipelines – Green and Blue** (unfunded) from December 2021 Plan Submitted to Board of Supervisors



Capital Planning Committee

Funding Programs & Priorities

G.O. Bond Debt Program <i>(in \$millions)</i>		
Election	Proposed Program	Amount
Jun 2022	Transportation	400
Nov 2023	Public Health	188
Nov 2024	Affordable Housing	160
Nov 2026	Waterfront Safety	130
Nov 2027	Earthquake Safety & Emergency Response	217
Nov 2028	Parks and Open Space	151
Nov 2031	Public Health	TBD
TOTAL		1,245

- The City has passed **1.7B in GO bonds since the last capital plan (FY20)**
 - This significantly **reduces the capacity in current GO Bond schedule**
- The current GO Bond program proposes about **1.25B over the next decade**, which is over 1.5B less than the previous Capital Plan

Capital Planning Committee

Funding Programs & Priorities

Trade-offs: Critical Infrastructure Priorities



Capital Planning Committee

Sources to be Considered

Pressure on limited City sources is increasing:

- Growing infrastructure needs (housing, climate change)
- Increasing inflation costs
- Continued COVID impact on General Fund
- Potential for slow down/decrease in property values

Potential funding strategy will include bonds, grants, developer, and revenue sources:

- General Obligation Bonds
- Federal & State Funding
- Community Facility Districts & Infrastructure Financing Districts
- Landscape & Utility Districts
- Development Agreements
- Developer Impact Fees

Thank you.

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DEBT PROGRAM

General Obligation (G.O.) Bond Schedule

