



ONESF

Building Our Future

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There's only one San Francisco. Let's take care of it.



Capital Planning & Financing

Lifelines Council

Brian Strong, Director of Capital Planning
City and County of San Francisco

November 17, 2011

Capital Planning Discussion

- **San Francisco Capital Plan Overview**

- **Financial Options & Constraints**
 - **GO Bonds**
 - **Revenue Bonds**

- **Challenges**
 - **AWSS/Firefighting Infrastructure**
 - **Justice Facilities Improvement Program**

- **Questions & Discussion**

San Francisco Services & Infrastructure

San Francisco is responsible for a broad array of city, county, and regional services supported by a massive physical infrastructure.

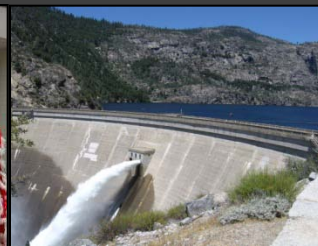
- **City Services** – Police and fire stations, roads and mass transit networks, parks and libraries, port and utility systems, convention facilities. Over 15 million square feet of facilities, 850 miles of streets, and transit infrastructure within two blocks of 90% of every location in the city.

- **County Services** – Two public hospitals, over a dozen clinics, county jails housing 2,000 prisoners, county welfare and public health programs.

- **Regional Services** – International airport and regional port; regional water and sewer system. Participation in regional transit networks (BART, Caltrain). Water system infrastructure from South Bay to Sierras, piers along the majority of San Francisco's north and east waterfronts.



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Ten-Year Capital Plan

- 4
- Historic underinvestment in capital led to legislation creation of the City's first ten-year Capital Plan in 2006
 - Goal: to develop and implement a sustainable plan for the long-term safety, accessibility and modernization of San Francisco's public infrastructure and facilities.
 - Capital Planning Committee (CPC)
 - Chaired by the City Administrator and includes all capital-intensive department heads as well as the President of the Board, the Planning Director, the Controller, and the Mayor's Budget Director.
 - Constrained long-term finance plan that prioritizes projects based on approved set of funding principals.
 - Regulatory mandate; health & safety, and timely maintenance & renewal are top priorities



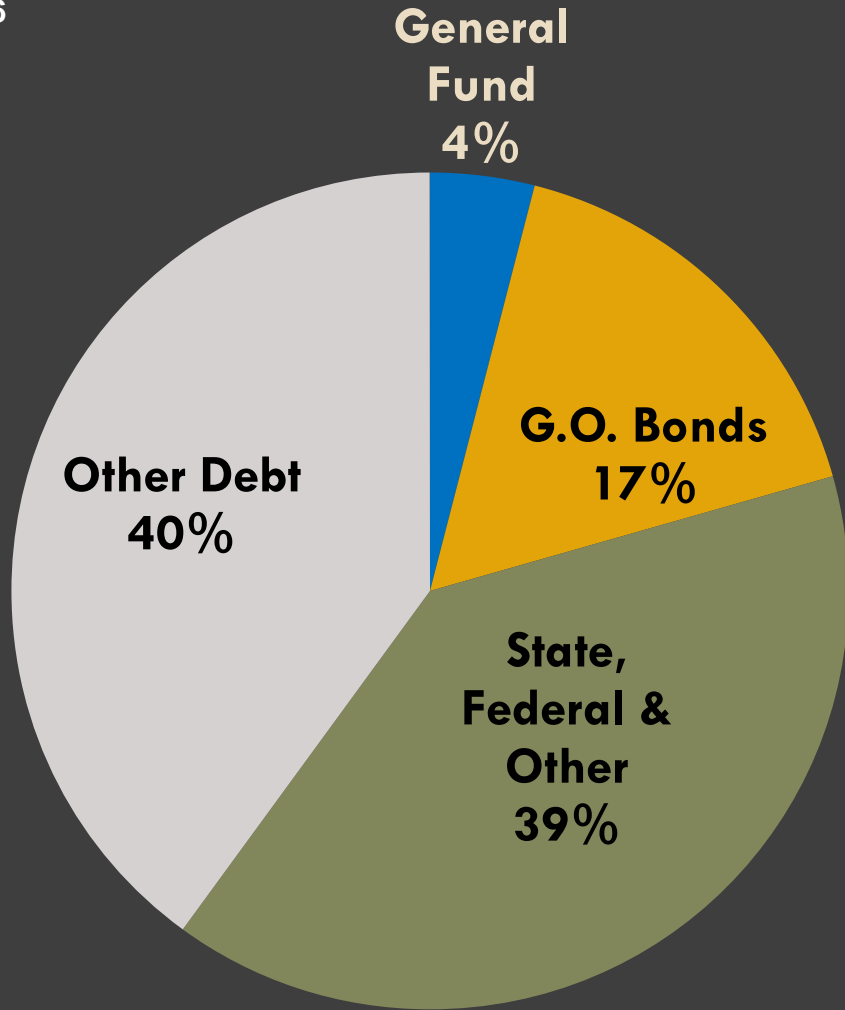
FY 2012-2021 Capital Plan

Capital Plan Summary by Department Type				
(Dollars in Millions)				
	GF	Enterprise	External	Total
Public Safety	1,777			1,777
Health and Human Services	1,129		565	1,694
Infrastructure and Streets	1,033	6,199	351	7,582
Recreation, Culture, and Education	678		778	1,456
Economic & Neigh. Development	92	787	3,392	4,271
Transportation		4,433	3,410	7,842
General Government	165			165
Total	4,873	11,419	8,495	24,787

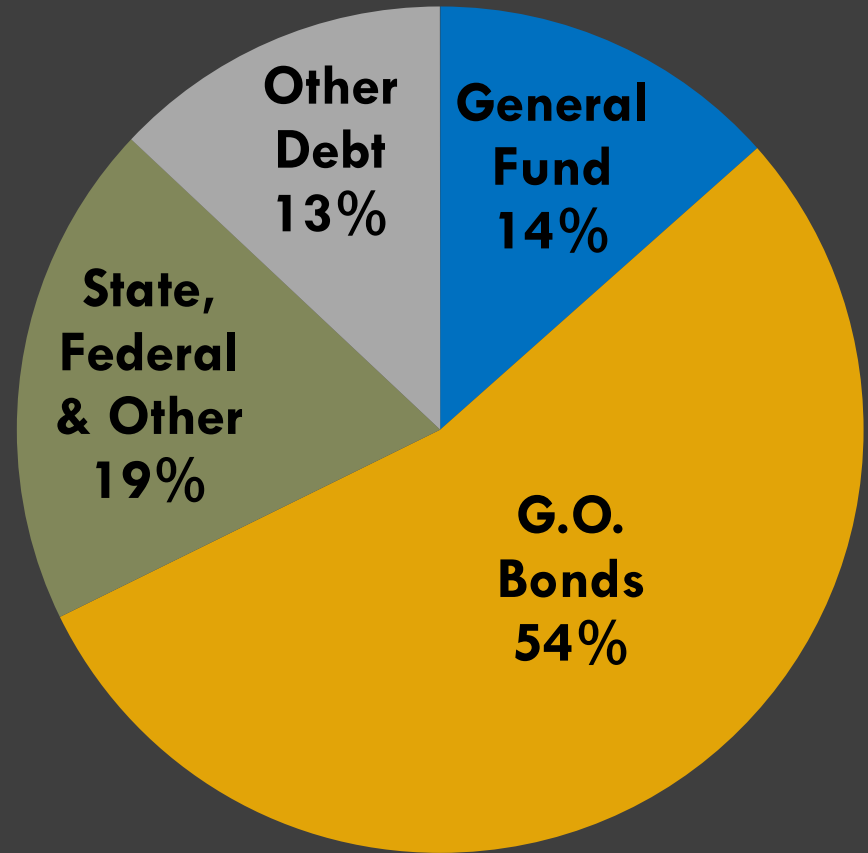
- GF = General Fund departments (Police, Fire, DPH, DPW, REC, LIB, ART, etc.)
- Enterprise = AIR, PUC, MTA, PRT
- External = SFHA, CCSF, SFUSD, SFRDA, Private
- Jobs created based on Controller’s econometric model of 6.54 jobs per year per \$1M construction

FY 2012-2021 Funding Sources

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Entire Capital Program



General Fund Program

GF Department Highlights

<i>Program</i> <i>(Dollars in millions)</i>	<i>Funded</i>	<i>Deferred</i>
State of Good Repair & Renewal	1,421	1,115
Earthquake Safety	2,719	567
Disability Access	177	0
Parks & Open Space	323	694
Other Improvements	233	1,681
TOTAL	\$4,873	\$4,058

Funding Strategies

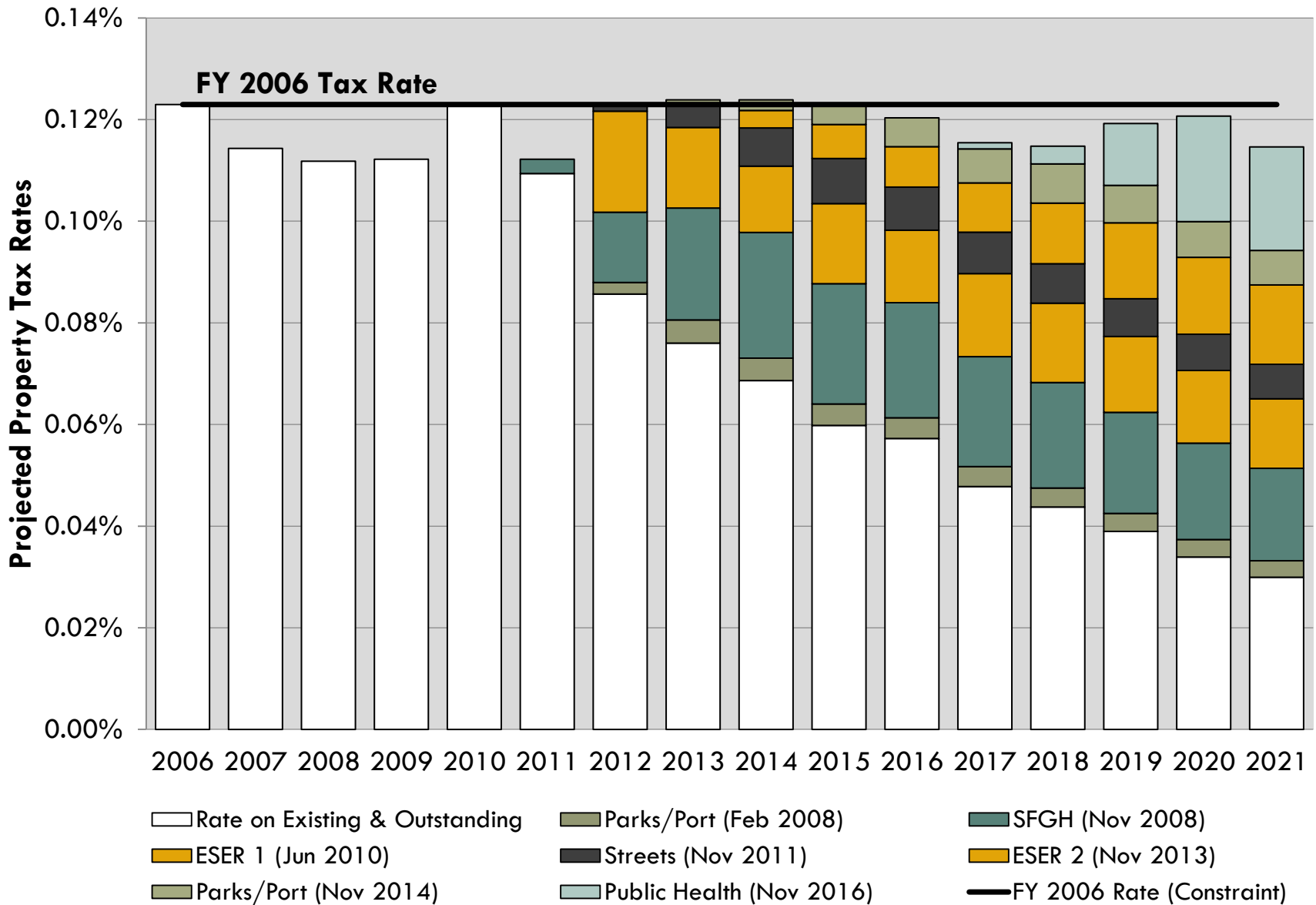
1. G.O. bonds will not increase voters' long-term property tax rates above FY2006 levels.

G.O. Bond Program

(Dollars in Millions)

<i>Month/Yr</i>	<i>Proposed Bond Issuance</i>	<i>Total</i>
Nov 2011	Safe Streets & Road Repair (passed on 11/8/11)	248
Nov 2012	Neighborhood Parks & Open Space Improvements	185
Nov 2013	Earthquake Safety & Emergency Response (Phase 2)	390
Nov 2016	Public Health Facilities Seismic Improvements	510
Nov 2020	Neighborhood Parks & Open Space Improvements	150
Jun 2021	Earthquake Safety & Emergency Response (Phase 3)	475
Total		1,958

Impact on Property Tax Rates



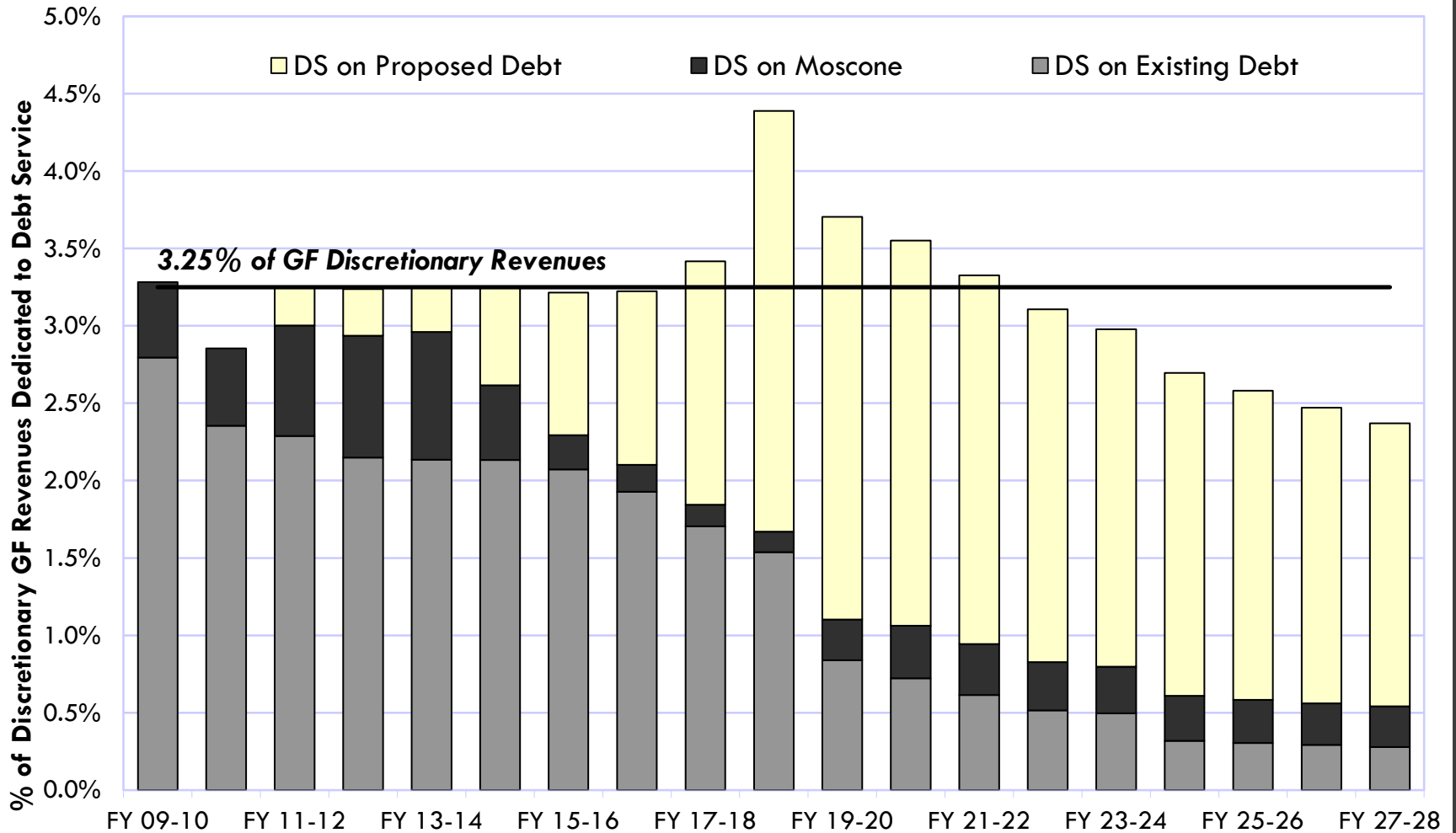
Revenue Constraints

2. The City will maintain the percentage of the General Fund spent on debt service at 3.25% of discretionary revenues.

General Fund Debt Program		
<i>(Dollars in Millions)</i>		
<i>Month/Yr</i>	<i>Proposed Debt Issuance</i>	<i>Total</i>
FY 2012	Veterans Building Seismic Improvement	130
FY 2014	HOJ Jails 3 & 4 Replacement	435
Total		565

Impact on the General Fund

General Fund Debt Service and Long-Term Lease Obligations
FY 2010-2028



Accomplishments



Accomplishments



Accomplishments



Under Construction



Under Construction



Under Construction



Challenges



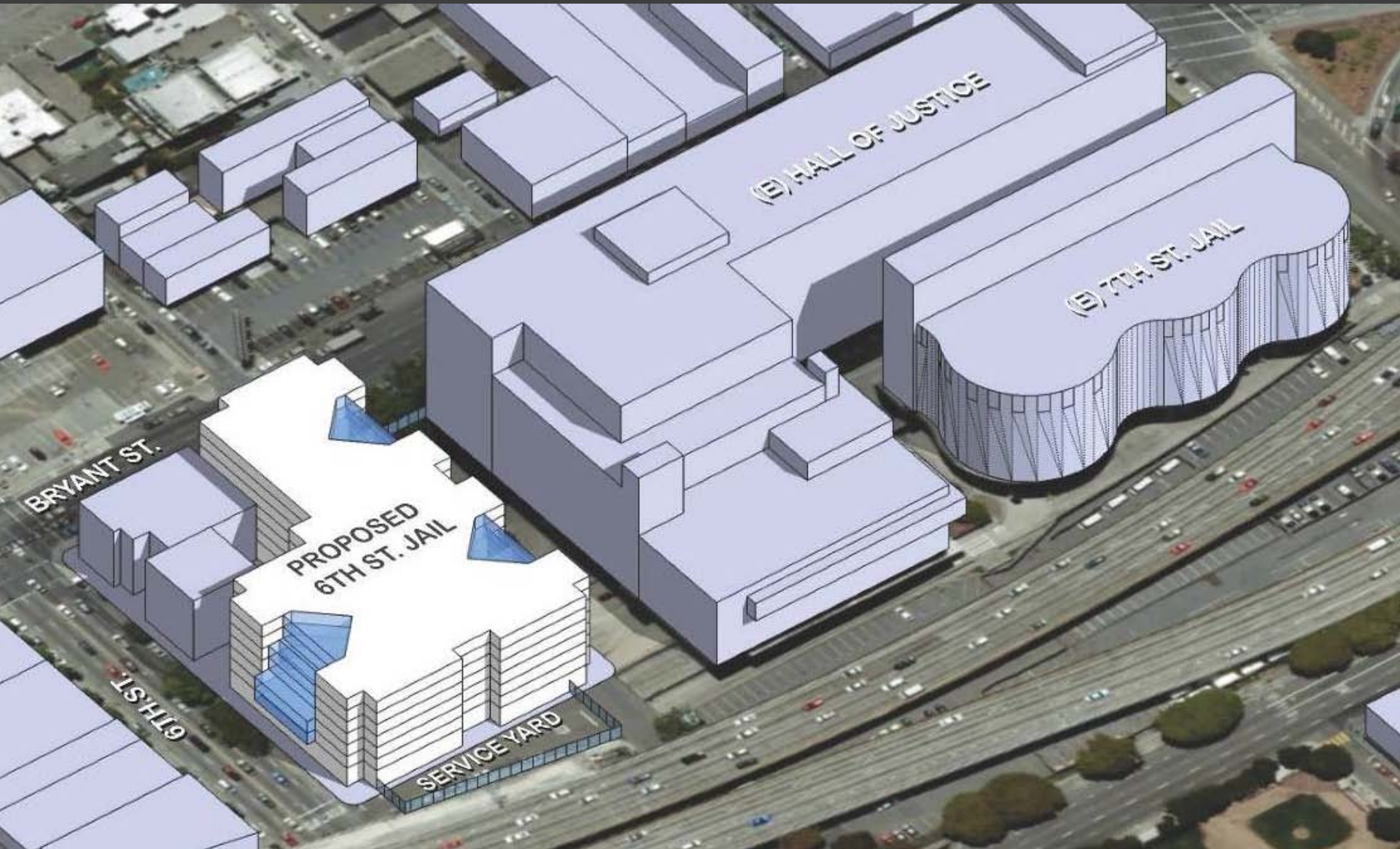
Approach

EQ Safety & Emergency Response Bond

\$412.3M General Obligation Bond authorized in June 2010
with approval by 79.4% of voters

- Public Safety Building (includes Mission Bay Fire Station) \$243.0
- Neighborhood Fire Stations \$65.1
- Auxiliary Water Supply System \$104.2

Justice Facility Improvement Program



Replacing the Hall of Justice: GO Bonds + Revenue Bonds

Justice Facility Improvement Program

\$1.5 Billion Capital Program

Program Component	Cost	Source
<ul style="list-style-type: none"> ▣ Police Command Ctr. & Dist Station 	243M	GO
<ul style="list-style-type: none"> ▣ Chief Medical Examiner & Crime Lab 	240M	GO
<ul style="list-style-type: none"> ▣ Police Investigations & Traffic 	252M	GO
<ul style="list-style-type: none"> ▣ Replacement Jail 	465M	Rev Bnd
<ul style="list-style-type: none"> ▣ HOJ Seismic Joint & West Wing Demo 	47M	Rev Bnd
<ul style="list-style-type: none"> ▣ Dist. Atty., Adult Probation & Related 	<u>209M</u>	TBD
TOTAL	\$1.46B	

Justice Facility Improvement Program



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The Public Safety Building will provide a new earthquake-resistant facility for the SF Police Department Command Center, Southern District Police Station, and Mission Bay Fire Station. This Project is funded by the voter-approved June 2010 Earthquake Safety and Emergency Response Bond. The Executive Architect team is HOK + Mark Cavagnero Associates in collaboration with the SF DPW Bureau of Architecture. The project is designed for LEED Gold Certification.



Public Safety Building

Emergency Contact/Pankow Construction.:
Department of Public Works: 415-XXX-XXXX

A Project of the City's Ten-Year Capital Plan
There's only one San Francisco—together we're taking care of it.

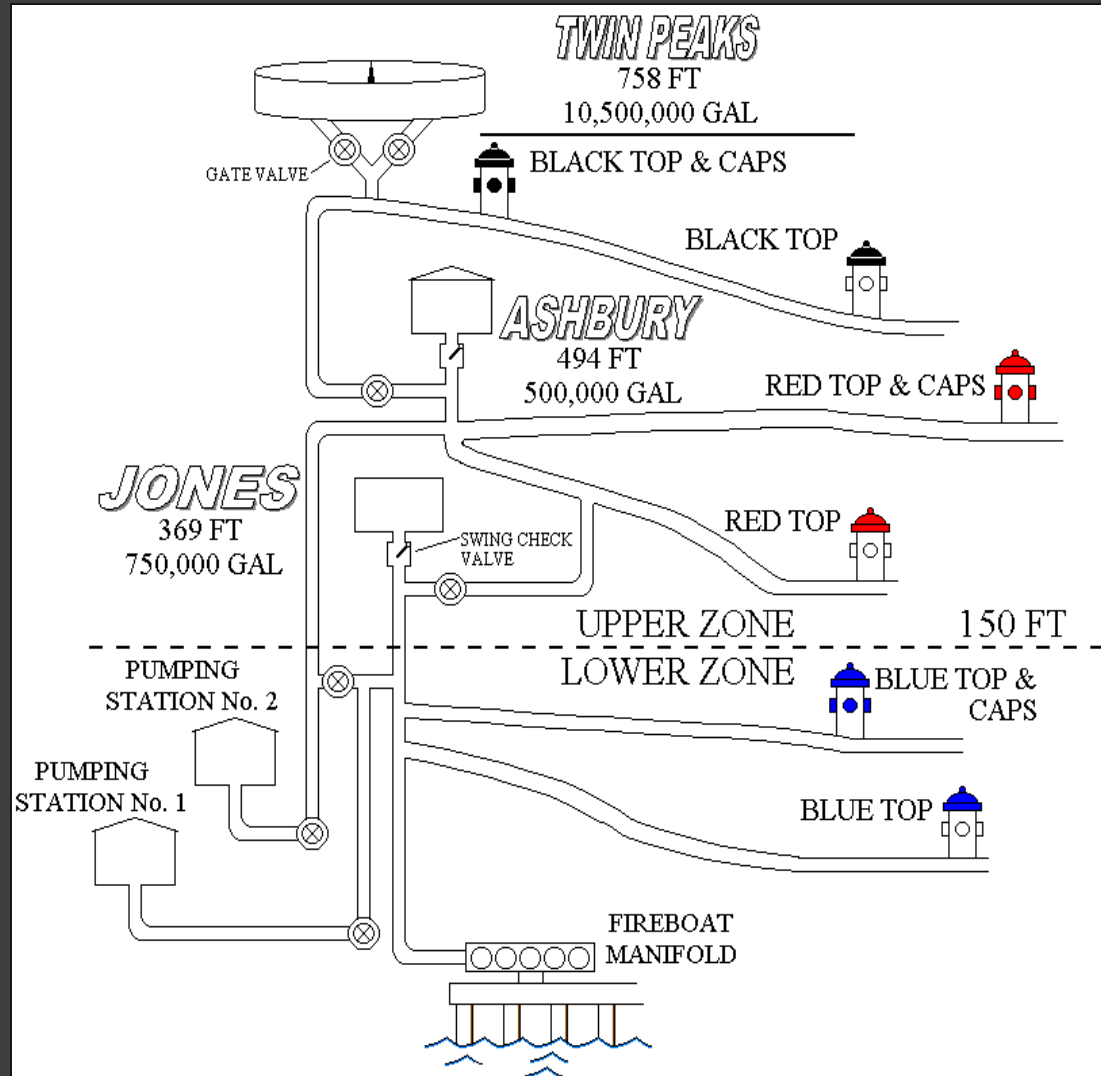
This project is
brought to you by:

MAYOR
Honorable Ed Lee



BOARD OF SUPERVISORS
David Chiu, President
John Avalos
David Campos
Carmen Chu
Malia Cohen
Sean Elsbernd
Mark Farrell
Jane Kim
Eric Mar
Ross Mirkarimi
Scott Wiener

Auxiliary Water Supply System (AWSS)



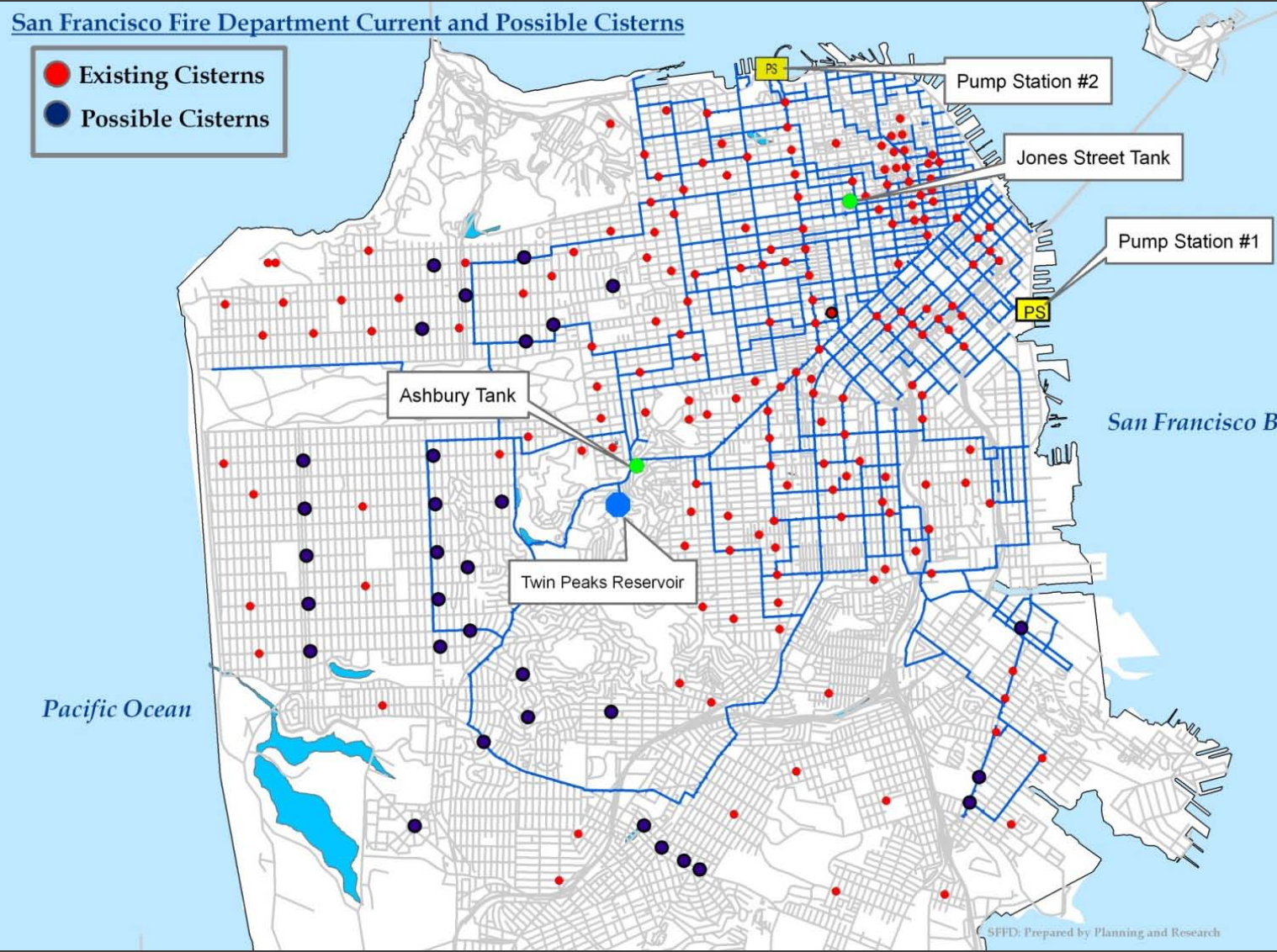
- Built in 1913 as a result of 1906 earthquake
- 135 miles of piping network & 1,600 high-pressure fire hydrants
- 1 reservoir, 2 storage tanks, & 2 pump stations
- 177 underground cisterns
- 52 suction connections for trucks to pump in salt water
- 5 manifold connections so fire boats can pump in salt water
- **Robust, Redundant, Rapid, Resourceful** (*Shayne C. Kavanagh, GFR Dec 2007*)

AWSS (cont)



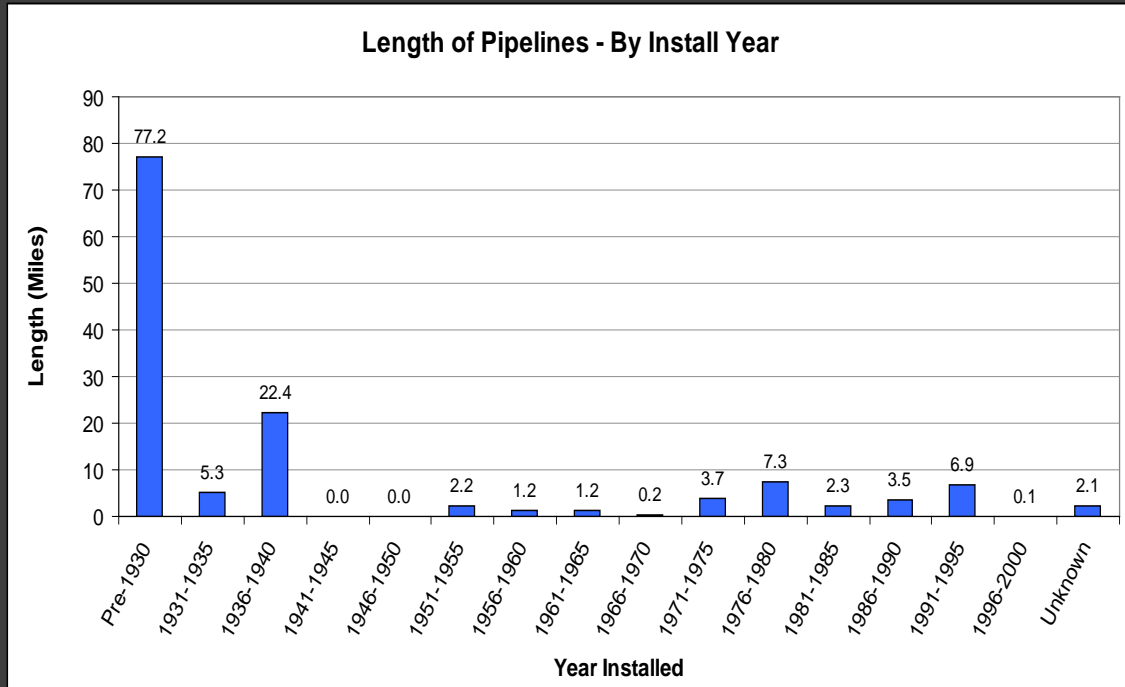
Auxiliary Water Supply System (AWSS)

San Francisco Fire Department Current and Possible Cisterns



AWSS (cont)

- Loma Prieta: 6.9
- 69 main breaks & 50 service connection breaks in Marina domestic water system alone
- AWSS in tact in Marina but 12” main break in southern zone drains tank in 15 min.
- Uncertainty of breaks and procedural issues prevent SFFD from activating pump stations to re-pressurize
- PWSS fed by fire boat as 3rd line of defense supplies 6,000 gpm for 18 hrs to control fires
- Multiple redundancies, rehearsals, and asset maintenance are key



Questions & Comments?

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News Blog

Discussion on Public-Private Partnerships

ONE PLAN | ONE CITY | ONESF

The Capital Plan represents the City's commitment to building a stronger future.

There's only one San Francisco. Let's take care of it.

[Learn more about the Capital Plan.](#)



Streets & Rights of Way

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Highlights

- Street Resurfacing Financing
- Loma Prieta: 180 Seismic Projects Since 1989

Plan & Budget

- FY 2012-2021 Draft Capital Plan
- FY 2010-2011 Capital Budget

Capital Planning Committee

- CPC Meetings & Actions
- Site Archives

Did you know?

loading...



SFMTA | Municipal Transportation Agency

