Neighborhood Fire Stations
Presentation to the SFFD Commission
September 23, 2010

EARTHQUAKE SAFETY AND EMERGENCY RESPONSE BOND
Earthquake Safety & Emergency Response Bond

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

- Neighborhood Fire Stations $65.1
- Auxiliary Water Supply System $104.2
- Public Safety Building (includes Mission Bay Fire Station) $243.0
SFFD Fire Stations Condition 2010 Assessment Report

- Key Facility Components and Project ranking
- Guiding Principles for Fire Stations Improvements
- Concurrent Renovation Strategies
- Multiple Capital Programs

ESER 1 Fire Station Projects List
• Key Facility Components and Project Priority Ranking
• Guiding Principles for Fire Stations Improvements
• Concurrent Renovation Strategies
• Multiple Capital Programs
A. Structural System

B. Emergency Response Components
   • Emergency generators
   • Building egress and access
     o Apparatus doors
     o Driveways and walkways
     o Front door access

C. Health and Safety Components
   • Water intrusion
     o Roofs
     o Windows
     o Showers
   • Food preparation areas
   • Heating and ventilating systems

Facility Component Condition Ratings
(assigned by A/E assessment):
- Severe: Failure imminent
- Serious: Impaired operability
- Moderate: Minor deterioration
A. Seismic Priority Assigned by Structural Engineers

• *High*: High probability that a major earthquake will impair station functionality
• *Medium*: Medium probability that a major earthquake will impair station function
• *Low*: Low probability that a major earthquake will impair station functionality

B. Emergency Response, Health and Safety Priority

• *High*: At least (1) component rated "Severe" *AND* (2) components rated "Serious" or higher
• *Medium*: At least (1) component rated "Severe" *OR* at least (2) components rated "Serious"
• *Low*: Less than (2) components rated "Serious"
Guiding Principles for Fire Stations’ Improvements

Earthquake Safety & Emergency Response Bond

- Assure continuous fire protection coverage
- Prioritize emergency response
- Maximize the effectiveness of construction funds
- Limit disruption to operations
Concurrent Renovation Strategies

Focused Scope Program
• Correct severe deficiencies of selected building components
• Assure station functionality for 8-10 years

Comprehensive Renovation Program
• Correct all deficiencies pertaining to emergency response and health and safety issues
• Renovate, renew, or replace major building systems to assure station functionality of at least 15 years

Seismic Improvement Program
• Improve seismic performance to conform with current building codes
• Complete a comprehensive renovation as described above
Multiple Capital Programs

- General Obligation Bond Programs
  - ESER 1: June 2010
  - ESER 2: November 2013 (per CCSF 10-year Capital Plan)

- Real Estate Development Opportunities
  - Station No. 1 Replacement
ESER 1 Fire Station Projects List

Earthquake Safety & Emergency Response Bond

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<thead>
<tr>
<th>Seismic Improvement Projects</th>
<th>$ Millions</th>
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<tr>
<td>Station 05</td>
<td>7</td>
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<td>Station 22</td>
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<td>Station 43</td>
<td>9</td>
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<td>Fire Boat Station / Sta. 35</td>
<td>20</td>
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<tr>
<td>Medical/Equipment</td>
<td>13</td>
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<td>Logistics Center</td>
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<td><strong>Total</strong></td>
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<td>Station 02</td>
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ESER Bond Organization

ESER BOND ORGANIZATION CHART

PUC
- PUC DEPT.

FIRE COMM.
- FIRE DEPT.

POLICE COMM.
- POLICE DEPT.

CPC
- GSA REAL ESTATE

BOS

CPP STAFF

MAYOR
- CITY ADMINISTRATOR

DPW PMB

FIRE STATIONS A/E/C/TEAM
AWSS A/E/C/TEAM
PSB A/E/C/TEAM
DPW PUBLIC AFFAIRS

Direct Report
Professional Services
Coordinating
Discretionary Communication
Questions - Discussion