PORT CAPITAL BUDGET
FISCAL YEARS 2022-23 AND 2023-24

Capital Planning Committee
April 18, 2022

Presented By:
Katie Petrucione, Deputy Director Finance and Administration
Brad Benson, Waterfront Resilience Director
Two-Year Capital Budget Request: $94.6 m

- FY 2022-23: $70.6 million
  - $54.8 million ARPA
- FY 2023-24: $24.0 million
  - $7.5 million ARPA
- ARPA stimulus = $62.3 million
Capital Investment

### Project Concepts from:
- Staff submissions
- Facility assessment studies
- Prior unfunded projects

### Ranking Principles:
- Strategic Plan Goals and Objectives
- Honor Prior Commitments
- Health and Safety Needs
- Meet Imminent Leasing Needs
- Strategic Investment
- Leverage Outside Sources
- Race Equity Impacts

<table>
<thead>
<tr>
<th></th>
<th>Fiscal Year</th>
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<tbody>
<tr>
<td>21-22</td>
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<td>23-24</td>
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<td>29-30</td>
<td>30-31</td>
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10-Year Capital Plan

5-Year Capital Improvement Program

Biennial Budget
Port Strategy
Economic Recovery - $60.3 million

- **Pier 29.5 Office Rehab** $0.2 million
- **Ladders and Skylights** $1.0 million
- **Pier 64 Sediment Site Cleanup** $1.4 million
- **Pier 29.5 Parking Exhaust System** $1.5 million
- **Pier 45 Shed B & D Repairs** $1.7 million
- **Facility Inspection & Repair Project Assessments (FIRPA)** $2.0 million
- **Pier 9 Repairs** $2.8 million
- **Administrative Projects** $2.8 million
- **South Beach Harbor** $3.1 million
Economic Recovery - $60.3 million
Continued

- **Project Delivery Resources** $3.6 million
- **Maintenance Dredging and Sediment Sampling** $4.8 million
- **Roundhouse 2 Building Envelope** $8.0 million
- **TI Fund for tenant attraction/retention** $8.1 million
- **Contingency and Grant Match** $9.2 million
- **Pier 80 Piling and Fendering** $9.4 million
- **Pier 80 Subsidence Design** $0.8 million
Equity - $24.1 million

- **Crane Barge Purchase & Pile Crew** $8.9 million
- **Heron's Head Park Shoreline** $1.5 million
- **Pier 90 Silo Demolition Design** $1.2 million
- **Pile Removal** $2.0 million
- **Resilient Multi-Modal Cargo Way Pre-Design** $6.1 million
- **Southern Waterfront Beautification Fund** $4.4 million
Resilience - $10.2 million

- **Aquatic Park** $1.2 million
- **Fisherman’s Wharf Resilience and Public Realm Planning** $1.6 million
- **Pier 50 Seismic Assessment and Retrofit Pre-Design** $3.8 million
- **Stormwater Trash Capture** $0.5 million
- **Waterfront Resilience Program** $3.1 million
Key Investments

Roundhouse - $8.0 million

- Roof repairs (water intrusion)
- Replace solarium
- Life safety improvements
Pier 80 Investments - $10.1 million

- Evaluate causes of subsidence
- Replace fendering systems
- Supports union and working-class jobs in San Francisco
Key Investments

**Wharf Resilience and Public Realm - $1.6 million**

- Resilience of international tourism destination
- Seismic risk reduction
Waterfront Resilience Program
Embarcadero Early Projects
US Army Corps Flood Study
General Fund Request
EMBARCADERO EARLY PROJECTS LIST

**PROJECT LIST:**

1. Joint Operations Security Center and Fuel Dock Reliability Project
2. Wharf J9 Replacement and Resilient Shoreline Project
3. Taylor Street Seawall Earthquake Stabilization Project
4. Pier 45 Apron Earthquake Safety Retrofit and Flood Risk Reduction
5. Pier 43-1/2 Seawall and Wharf Earthquake Safety Project
6. Pier 41 Seawall Earthquake Stabilization and Wharf Retrofit
7. Pier 39 Seawall Earthquake Stabilization & Wharf Retrofit/Replacement
8. Pier 33 to 35 Seawall and Wharf Earthquake Reliability Project
9. Pier 31-1/2 Bulkhead Wall and Wharf Earthquake Safety Retrofit
10. Pier 27 Seawall and Wharf Earthquake Reliability Project
11. Pier 15 Bulkhead Wall and Wharf Earthquake Safety Retrofit
12. Pier 9 Bulkhead Wall and Wharf Earthquake Safety Retrofit
13. Pier 9 Historic Shed Building Earthquake Safety Retrofit Project
14. Pier 1 Bulkhead Wall and Wharf Earthquake Reliability Project
15. Ferry Building Seawall & Substructure Earthquake Reliability
16. Agriculture Building Bulkhead Wall and Wharf Earthquake Safety
17. Pier 5 to Pier 22-1/2 Near-Term Coastal Flood Risk Reduction Project
18. Pier 24 to Pier 28-1/2 Bulkhead Wall and Wharf Earthquake Safety
19. EFWS, Intake Tunnel #1 Earthquake Reliability Project
20. Giants Seals Plaza Seawall Earthquake Stabilization Project
21. Pier Fire Suppression & Waterside Evacuation Improvements
22. EFWS, Fireboat Manifold Earthquake Reliability Projects
23. Pier Utility Connection Earthquake Retrofits at Seawall

- **11** advancing straight to pre-design (needs assessment) using Proposition A funding
- **5** advancing through a geographic strategy for the stretch between Piers 19 and 41
- **7** advancing through coordination with long-term Port tenants, capital programs, and City agency coordination

*Estimated Cost: $650 Million - $3 billion*
# Waterfront Resilience Program – Expenditures to Date

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<thead>
<tr>
<th>Category</th>
<th>Proposition A</th>
<th>Other Sources*</th>
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<tbody>
<tr>
<td>Port Staffing</td>
<td>$3,774,967</td>
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<tr>
<td>Program Management</td>
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<td>Existing Conditions, Multi-Hazard Risk Assessment, Seismic Peer Review Panel</td>
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<td>Workforce Development and LBE Support Services</td>
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<td>Planning</td>
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<td>$26,299,195</td>
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<td>Port Cash Contributions to USACE Flood Study</td>
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<td>$26,328,809</td>
<td>$13,004,363</td>
<td>$39,333,172</td>
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• Port is local sponsor
• Study timeframe 2018 – 2026
• Flood risk assessment
• Robust stakeholder input
• If the Federal government partners with the Port on a project, they will contribute 65% of its cost
• Potential for billions in federal funding
• Study waiver approved by Assistant Secretary of the Army
• In-Progress Review – Flood Modelling – April 6, 2022
Adaptation strategies are likely to include significant changes to infrastructure systems managed by multiple agencies (Port, SFMTA, Public Works) and potential land use/building code changes (Planning). The Port has convened a process with agency champions to co-create these strategies.
ADAPTATION ZONE: Space needed to raise or otherwise substantially alter in order to create a city flood risk defense system.

LINE OF DEFENSE: Highest point of the city flood risk defense system.

WHARF: Constructed surface over water, parallel to shore.

PIERS: Addressed through the Pier Adaptation Toolkit, Historic District Integrity Memo, and the Historic Piers Rehabilitation Program.
BY END OF PHASE B: LEVEL OF DETAIL EXAMPLE
Charleston, SC
## Waterfront Resilience Program 2 Year Budget & General Fund Request

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<thead>
<tr>
<th>Category</th>
<th>Proposition A</th>
<th>Harbor Fund</th>
<th>General Fund</th>
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<td>$6,700,000</td>
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Thank You