



PORT OF REDWOOD CITY: A Resilient Port

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Strengthening Our Resiliency

- FEMA – FSA 2017
- \$21M Capital Investment
- Living Shoreline – pilot
- Beneficial Reuse
- Future Ferry – WETA and City



USACE Partnership

- Non-Federal Sponsor
- WRDA – 1122 Pilot Project
 - Strategic Placement
 - Eden Landing
- Annual Appropriations
- Channel Restrictions Impact Commerce



Supply Chain Economics



How the numbers impact the consumer (channel restrictions)

- Port channel authorized depth is -30 feet MLLW (Federal Channel)
- 40,000 metric tons per vessel vs. 24,000 metric tons per vessel
 - Barges = 4,000 metric tons @ \$7/metric ton
 - Trucks = 20 metric tons @ \$1,127/truck
- Cause and Effect – channel depth directly increases the cost to consumer
 - Every foot loss of depth equals 3,000 metric tons of cargo
- Trade Partner “Z” - \$\$\$1.6M – 2M annually passed onto consumer – direct cost
 - Does not include indirect increased costs – additional labor
 - **Intrinsic cost in GHG emissions and infrastructure impacts**

Port Policy

- **Pilot Initiatives**
- **Sea Level Rise**
 - **Climate Adaptation**
- **Public Education**
 - **Outreach Efforts**
 - **Community Events**





**Strategically planning
for our future...**

**Keep our region moving;
keep our Port ready and resilient**

Thank you!