WATERFRONT RESILIENCE PROGRAM USACE/SAN FRANCISCO WATERFRONT COASTAL FLOOD STUDY UPDATE

Port Commission Agenda Item xx

October 12, 2021

Waterfront Resilience Program

U.S. ARMY CORPS OF ENGINEERS (USACE) FLOOD RESILIENCY STUDY

Partnership to analyze current and future flood risk, determine federal interest in a project



- Study began in 2018
- Port is local sponsor
- Includes entire Port jurisdiction + Aquatic Park
- Ongoing robust community and stakeholder input
- Study at 50/50 cost share
- If the Federal government partners with the Port on a project, they will contribute 65% of its cost

FEASBILITY COST SHARING AGREEMENT (FCSA1)

Expired feasibility cost sharing agreement approved by Port Commission last year



\$3 million work-in-kind via CH2M Commission-approved contract



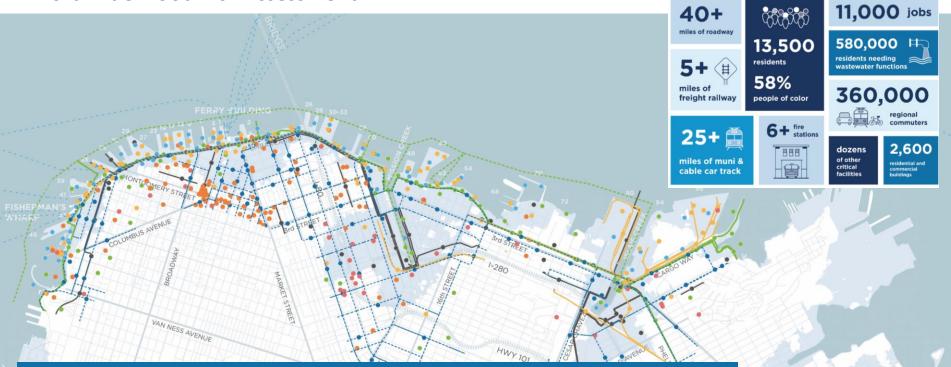
USACE FLOOD RESILIENCY STUDY ACCOMPLISHMENTS

High level overview of work accomplished to date



USACE FLOOD RESILIENCY STUDY ACCOMPLISHMENTS

Port-wide Flood Risk Assessment



Revised USACE Flood modeling – which still must be validated – is showing significant coastal flood risk and damages in the 2030-2040 time period.

ASSETS AT RISK

USACE FLOOD RESILIENCY STUDY NEXT STEPS

Developing innovative adaptation strategies for the entire 7.5 miles of waterfront

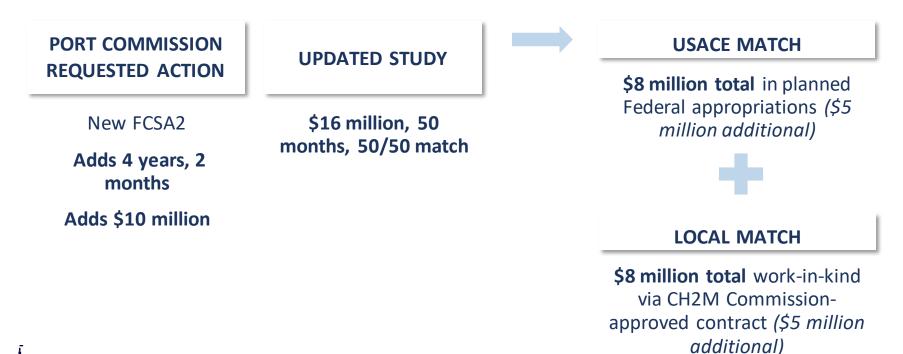


- National USACE team brings experience with mega flood study projects across the country
- Multi-hazard approach first of its kind for USACE to address both flood and earthquake risk
- Multi-agency approach, including working with FEMA, NOAA, HUD, DOT

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NEW FEASIBILITY COST SHARING AGREEMENT (FCSA2)

Will support restarting the Flood Resiliency Study in January 2022





FCSA2 FUNDING NUANCES

Accelerated funds clause and timing of federal funding



- Similar accelerated funds clause in new FCSA2 to allow Study to move forward in case of federal funding delays
- Even with the accelerated funds clause there is potential for funding delays, as Port contributions start after USACE funding begins
- Best-case timing scenario: funding received from USACE in January 2022

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NEXT STEPS

Following Port Commission resolution approval today





THANK YOU

Kelley Capone Flood Study Project Manager, Waterfront Resilience Program Port of San Francisco

kelley.capone@sfport.com

Waterfront Resilience Program

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