



**WATER
AGENCY**

Authorization for Design Services to Repair Damages to Flood Protection Facilities

November 15, 2023 Board Meeting

Project Supports Strategic Plan Initiative



Flood Protection

Initiative 9

Continue to maintain the Flood Protection System

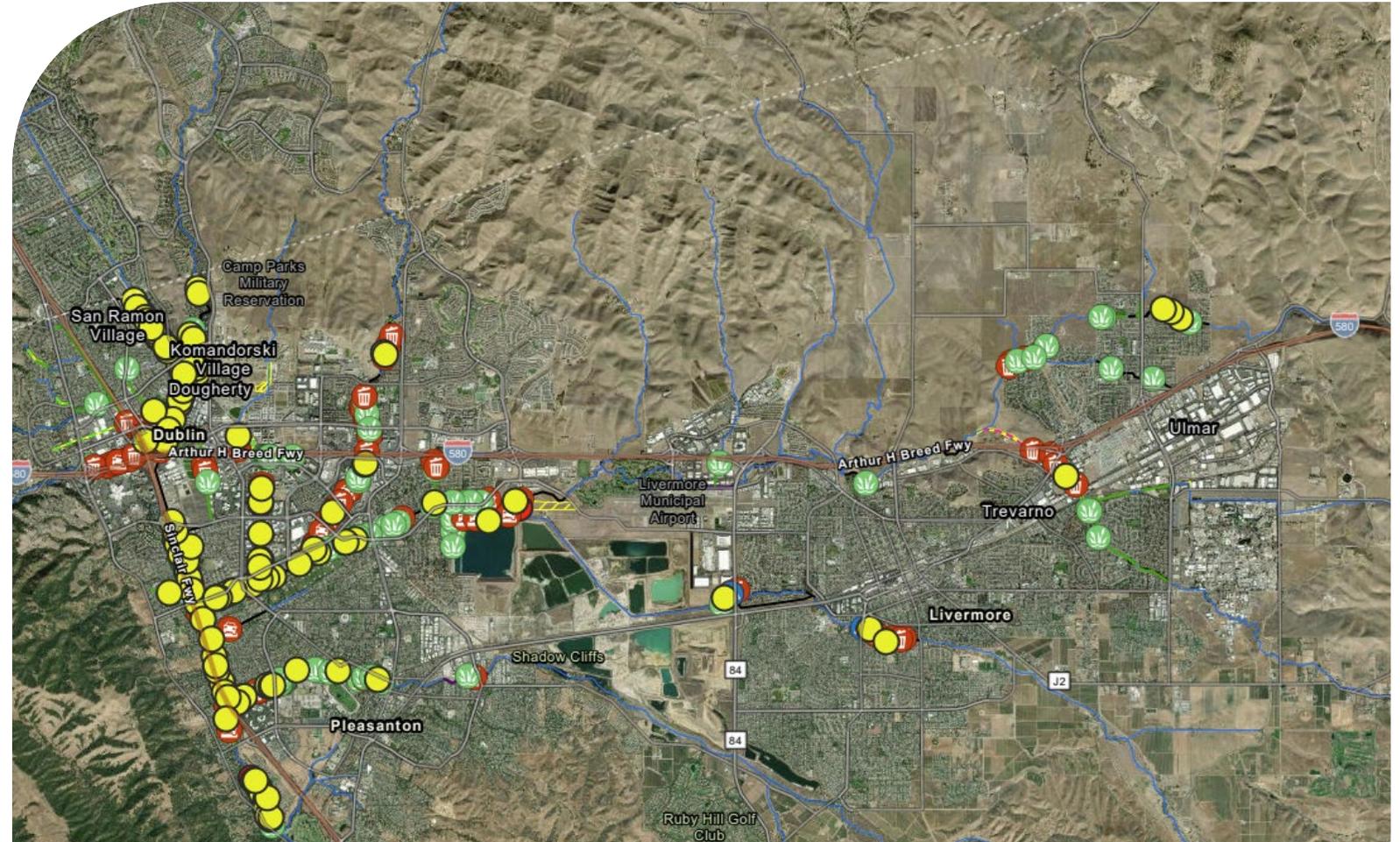
Discussion Outline

1. 2023 Storm Damages Recap
2. Request for Qualifications for Design Services to Repair Damages to Flood Protection Facilities
3. List of Qualified Firms
4. Repair Process/Timeline
5. Cost/Funding
6. Recommended Action
7. Q & A



2023 Storm Damages- January & March Storm Events

- 177 sites with bank damages from January and March storm events
- Damages include bank failures and erosion
- In a normal year, Zone 7 experiences only about eight to ten bank slides.



Garmin, SafeGraph, GeoTechnologies, Inc.,
USGS, Bureau of Land Management

2023 Storm Damages- January & March Storm Event Photos



2023 Storm Damages- January & March Storm Events Photos (continued)



2023 Storm Damages- January & March Storm Events Photos (continued)



2023 Storm Damages- January & March Storm Events Photos (continued)



Request for Qualifications (RFQ)

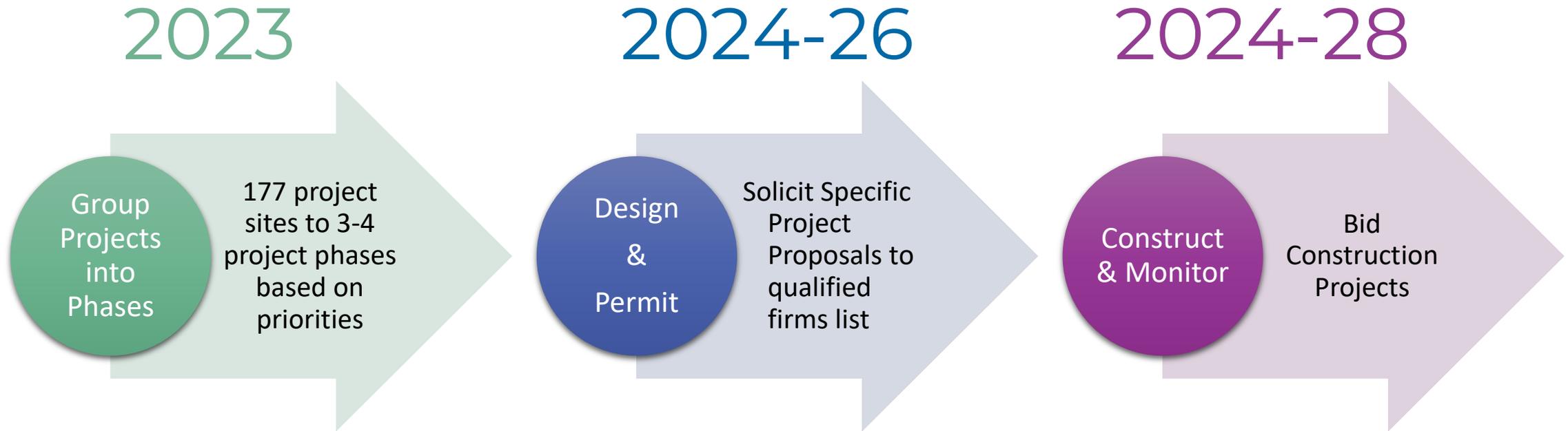
- To design and be prepared to address repairs of storm damages in a timely manner, staff is seeking to pre-qualify and approve engineering design services to assist with:
 - 1) Preparation of detailed engineering plans, specifications, and cost estimates
 - 2) Assist in environmental permitting
- A Request for Qualifications (RFQ) was posted on August 24. Submission period ended October 18.
- A similar process was done for the 2017's storm damages

List of Qualified Firms

- Zone 7 received seven (7) statement of qualifications (SOQs), and a Zone 7 review panel determined that only six (6) firms were qualified to provide the necessary design services.
- The six (6) firms proposed to be placed on a list of approved qualified firms, to solicit project specific proposals over the next five-year period.
- Eligibility on the list does not guarantee work.

QUALIFIED FIRMS
CBEC Eco Engineering
ENGEO
FlowWest
Haley & Aldrich
Mackay & Somps
Wood Rodgers

Repair Process Timeline



Cost/Funding

- Costs related to the repair of storm damages may be partially reimbursable through Federal and State agencies assistance programs that Zone 7 has applied for.
- Total cost about \$41,000,000.
- Design and environmental permitting to be \$6,100,000.
- Need to appropriate an additional \$1,000,000 in the Fiscal Year (FY) 2023-2024 Budget to fund an initial contract for design and environmental permitting services.
- Remaining \$5,100,000 needed for design and environmental permitting services will be requested in subsequent FY Budget requests from Fund 200 – Flood Protection Operations.

Recommended Action

Adopt the resolution

1. Approve the **qualified firms list** to be used during the **five-year period** ending November 30, 2028, to provide design and environmental permitting services to repair damages to flood protection facilities.
2. Authorize the **General Manager to negotiate, execute, and amend** as necessary, one or more contracts with any of the firms on the approved list to provide design and environmental permitting services to repair damages to flood protection facilities, for a total of all contracts not-to-exceed amount of **\$6,100,000**.
3. The Board appropriate an additional **\$1,000,000** in the **Fiscal Year (FY) 2023-24 Budget** to fund the initial contract for design and environmental permitting services to repair damage to flood protection facilities.



Flood Protection

Questions?

