Uvas Creek Levee Rehabilitation Project

City of Gilroy Council Meeting - June 4, 2018

Presented by Ted Ibarra, SCVWD
What we do........

**Mission:** Provide Silicon Valley with safe, clean water for a healthy life, environment and economy

**CLEAN AND RELIABLE WATER**

**FLOOD PROTECTION**

**HEALTHY CREEKS AND ECOSYSTEMS**
Uvas Creek Levee Rehabilitation Project

- Project background
- Why do the project?
- Project elements
- Project impacts and mitigation
- Permit approvals
- Community outreach
- What to expect during construction
- Next steps and construction schedule
- Questions and comments
Uvas Creek Levee Rehabilitation Project
2. Levee maintenance - Santa Clara Valley Water District
3. Uvas Creek channel flows towards Pajaro River
4. Channel and levees provide one percent flood protection to the community of Gilroy - 17,000 cubic feet per second channel flow
5. Army Corps annually inspects structural integrity of the levees
Why do the project?

1. Corps deems levee “unacceptable” due to excessive animal burrowing
2. Compromised structural integrity
3. Water piping impacted due to network of burrowed holes within levee
4. Potential damage to adjacent properties due to consequential flooding
5. Restore and preserve levee to original conditions
6. Prevent occurrence of holes within project area
Project elements

- Mow existing grasses and remove 36 trees within excavation zone
- Excavate soil thru benching
- Reuse or import soil to bring back levee to as-built conditions
- Place and anchor chain link fence fabric on new slopes to prevent future burrowing activity
- Hydroseed finished slopes
## Project impacts and mitigation

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<th>Project impacts</th>
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<tr>
<td>1. Incidental take of California Tiger Salamander</td>
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<td>2. Trail access not allowed during construction</td>
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<td>3. Equipment traffic on trail to reconstruct levee could impact trail pavement</td>
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<td>4. At levee channel side, excavation work will be above existing recycled water line</td>
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<td>1. Valley Habitat Plan blanket permit allows take through in-lieu fee for preservation of California Tiger Salamander at a preserve</td>
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<td>2. Levee channel side to be reconstructed first, then land side. During non-construction hours, half of the trail shall be secured to allow limited access use of the trail</td>
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<td>3. Existing joint use agreement allows district to maintain levee. District and city of Gilroy will enter into agreement to address trail pavement repairs as separate bid item, with limited city of Gilroy funding allocation</td>
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<td>4. Potholing to be performed, so excavation shall be at least 2-feet above recycled water line</td>
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1. Valley Habitat Plan (VHP) Blanket Permit requires compliance with California Environmental Quality Act (CEQA)
   - Major Regulatory Sponsors: Army Corp, US Fish and Wildlife Service and the California Department of Fish and Wildlife
   - Pending CEQA Negative Declaration prior to project award

2. Encroachment permit from the city of Gilroy
   - To access city of Gilroy roads for truck hauling
   - To access staging areas
The water district will oversee timely and consistent community outreach for the project. Tools include:

1. Pre-construction meeting
2. School parent club presentations
3. Project web page
4. Quarterly flyers
5. Social media updates on Nextdoor, Facebook and district blog
6. Rapid customer response via district's Access Valley Water

Project Manager Ted Ibarra will serve as the water district contact at 408-630-2067.
What to expect during construction?

- Work period: August – December 2018
- Hours: 7 a.m. - 7 p.m. weekdays with potential Saturday work
- Excavators/compactors
- Truck hauling
- Biological surveys and relocations
- Dust, vibration, noise and traffic control
Next steps and construction schedule

1. Next steps
   - Pre-bid meeting at site: June 6, 2018
   - Open bids: June 27, 2018
   - Award contract: July 10, 2018

2. Construction schedule
   - Mobilize onsite: As early as July 23, 2018
   - No construction during Gilroy Garlic Festival days
   - Begin actual groundbreaking: Aug. 1, 2018
   - Weekday work only, with Saturdays as needed
   - Complete construction: Dec. 31, 2018
Questions/ comments?

Thank you all