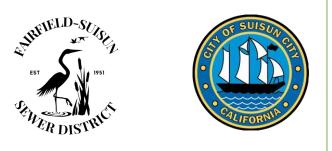
Kellogg Resiliency Project: Community Co-Design Workshop

City Hall, Suisun City March 4, 2023



Kellogg Resiliency Project WORKSHOP AGENDA



- 1. Welcome & Introductions
- 2. Presentation
 - **Project Location & Existing Conditions**
 - **Project Goals & Survey Results**
 - **Project Alternatives**
- 3. Facilitated Discussion
- 4. Closing & Next Steps

We agree that...

All ideas and points of view have value

Assume positive intent



Dialogue over debate through mindful listening



Take space, make space



Land Acknowledgement

We should take a moment to acknowledge the land on which we are gathered. For thousands of years, this land has been the home of Patwin people. Today, there are three federally recognized Patwin tribes: Cachil DeHe Band of Wintun Indians of the Colusa Indian Community, Kletsel Dehe Wintun Nation, and Yocha Dehe Wintun Nation.

The Patwin people have remained committed to the stewardship of this land over many centuries. It has been cherished and protected, as elders have instructed the young through generations. We are honored and grateful to be here today on their traditional lands.

Welcome

Mayor Alma Hernandez, City of Suisun City Assemblymember Lori Wilson's Office



Introductions





Regional Context

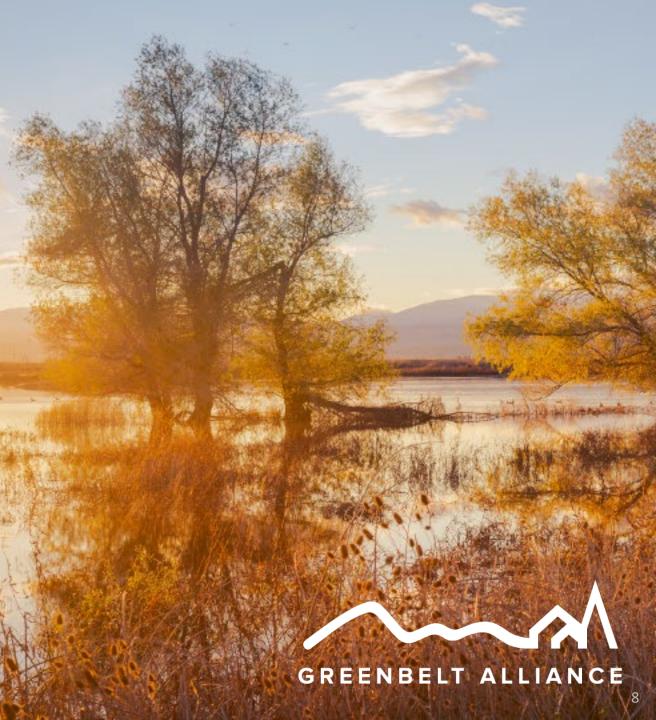
PLANNING FOR THE FUTURE MUST TAKE INTO ACCOUNT THE INCREASES IN MAJOR WILDFIRES, EXTREME FLOODING, AND PROLONGED DROUGHT THAT ARE ALREADY HAPPENING TODAY.

And the fact that these impacts disproportionately affect our low-income and communities of color.



17.9 BILLION

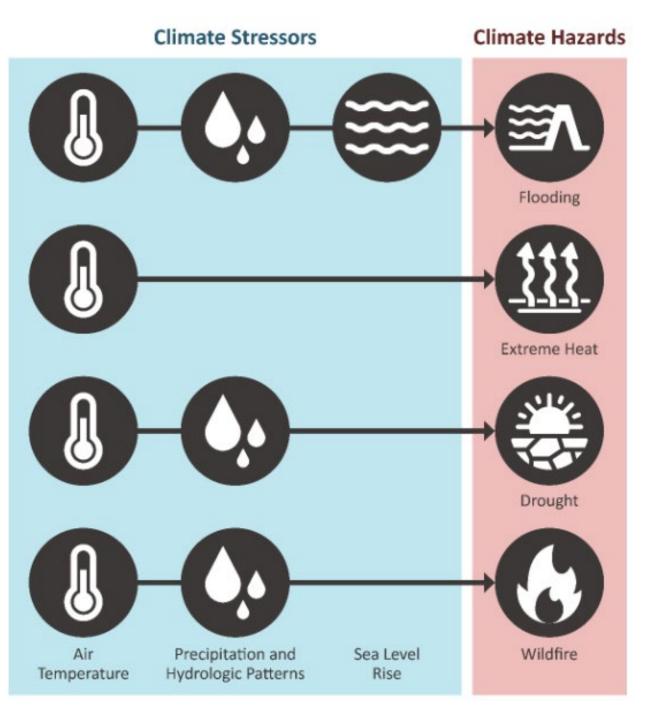
dollar value of residential and commercial buildings will be threatened by sea-level rise in California by 2050.



Future Climate Hazards

Source: Delta Stewardship Council (DSC)– Vulnerability Assessment (2021) https://storymaps.arcgis.com/stories/c0b36285 d38e456c961d344b89c045b6

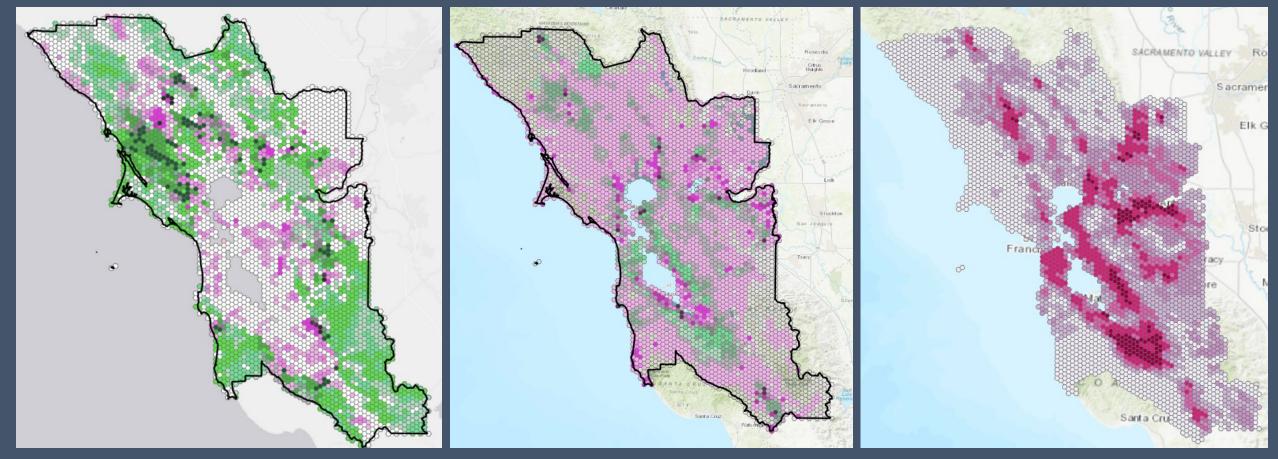




THEMATIC HOTSPOTS MAPS



GREENBELT ALLIANCE

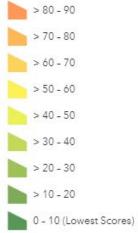


Local Context

Pollution Burden

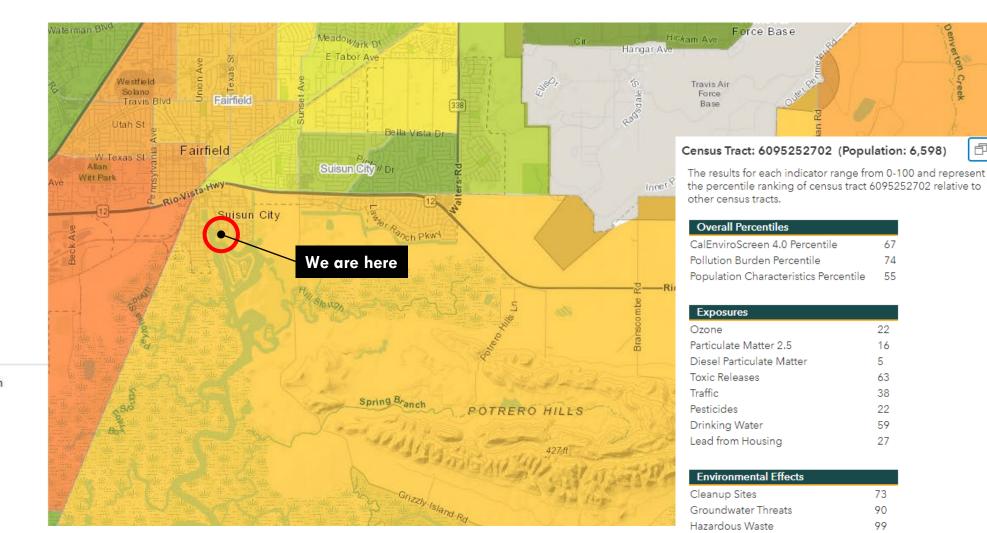






CalEnviroScreen 4.0 High Pollution, Low Population





Impaired Waters

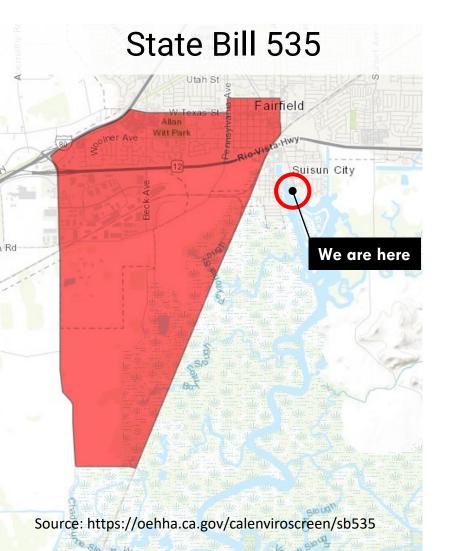
Solid Waste

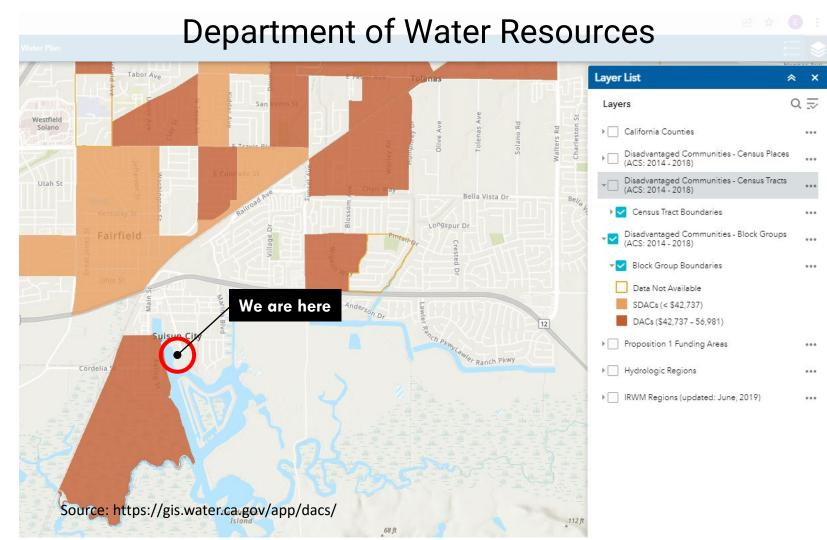
96

98

https://experience.arcgis.com/experience/11d2f52282a54ceebcac7428e6184203/page/Draft-CalEnviroScreen-4.0/

Disadvantaged Community (DAC) Mapping

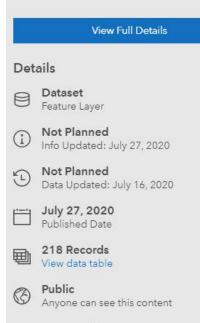




Priority Development Area

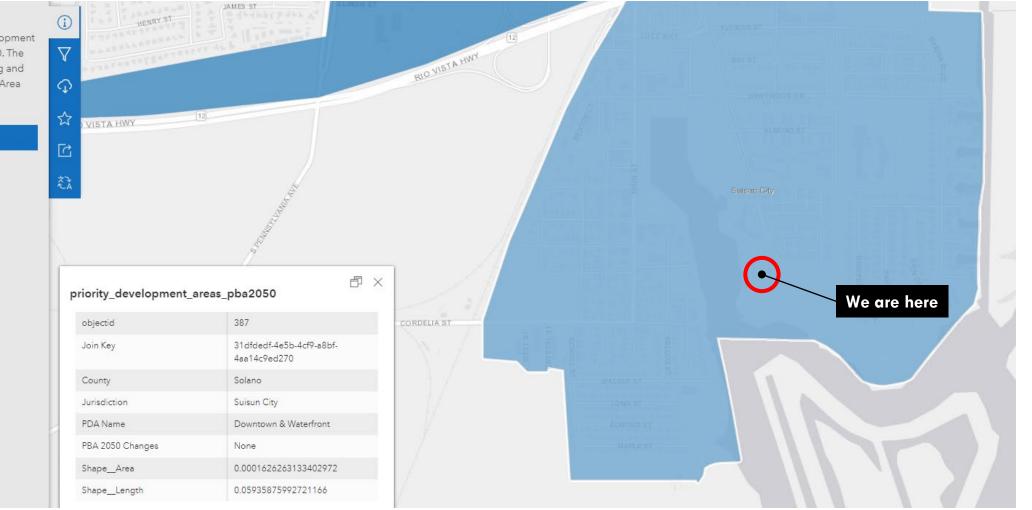
Summary

This feature set contains the Priority Development Areas used to develop Plan Bay Area 2050. The feature set is only appropriate for mapping and analysis projects associated with Plan Bay Area 2050.



Custom License

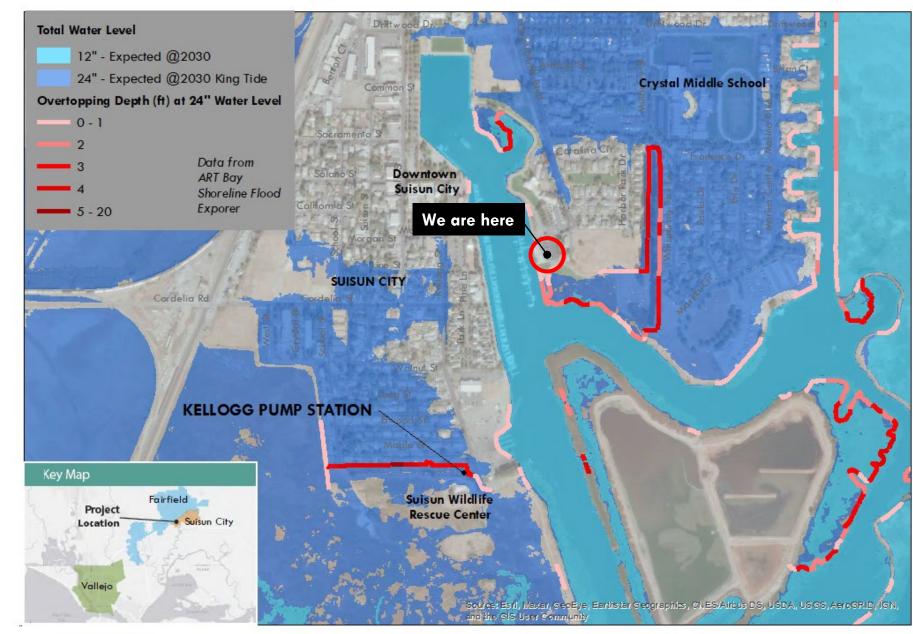




Sea Level Rise

Source: https://explorer.adaptingtorisingtides.org/explorer





750

1,500 Feet

VICINITY MAP Kellogg Resiliency Project Suisun City, CA

Overlapping Climate Hazards present Opportunities for Innovative Multi -Benefit Resilience Approaches



Data sources: SF Bay: BCDC Adapting to Rising Tides, 2017 (all SLR scenarios); Flooding: FEMA, 2017; Liquefaction: USGS, AGOL, 2006 (high and very high); Fire Hazard Severity Zones Maps: Office of the State Fire Marshal, 2007

Project Site

Kellogg Resiliency Project Location

Kellogg Pump Station & City Owned Parcels

YOU ARE HERE

Kellogg Pump Station & Basin

Historical Conditions 1937

KELLOGG ST. PUMP STATION

58-101

58-102

58-103



Historical Conditions 1952

KELLOGG ST. PUMP STATION

AB0 - 3K - 59

=3K - 58

KELLOGG ST. PUMP STATION

Historical Conditions post-1952

Existing Constraints

- Limited Fire Access & high risk
- Vulnerable to future flooding
- Necessary to retain pumping & stormwater capacity
- Unutilized public space
- Bordered by a regionally significant wildlife rehabilitation center



Property Ownership



VICINITY-OWNERSHIP MAP Kellogg Resiliency Project Suisun City, CA



0

Project Timeline & Funding

Initial Partner Meetings to Scope Project Goal & Objectives
Drafting Project Scope and Identifying Initial Funding (\$200,000 from American Rescue Plan Act (ARPA) Award)
\$8,600,000 Added to State Budget for Kellogg Resiliency Project
Identifying Project Alternatives & Collecting Existing Condition Information
Launch Community Survey
Collect Feedback on Initial Project Alternatives (10% Design)
Draft 30% Project Design Documents
100% Design & Permitting Construction 3-year Maintenance Contract with Contractor

Project Goal and Objectives

Collaborate on a long-term solution to address future conditions for the social and environmental wellbeing of the community

Project Objectives



Reduce the Risk from Regular Fires

KELLOGG ST. PUMP STATION

SEVERAL HOMES DAMAGED IN SUISUN CITY



Reduce the Risk from Regular Fires



Increase Slope Stability

Improve Stormwater Infrastructure & Streets **VIOLATORS WIL**

EMP

Manage Future Flood Risk 24" Sea Level Rise Projection

Community Survey Results

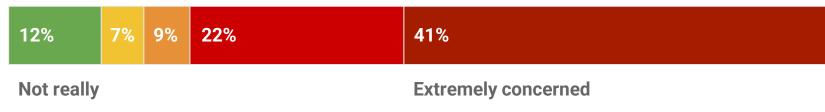


Survey says...

Have you or anyone you know been impacted by fire or flood in Suisun City?

Fire (47%)

How concerned are you about flooding in Suisun City?



How concerned are you about fire in Suisun City?





Based on 60 survey responses

What community benefits would you like to see included in the project?

Reduced Trash and Litter

More Urban Green Space

Access to Natural Spaces

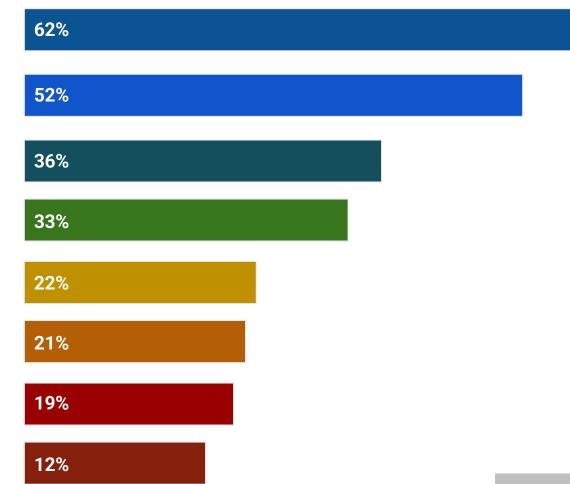
Pedestrian Friendly Streets

Bike Friendly Streets

Educational Awareness

Pedestrian Access

Dog Walking





Some Survey Comments ...



Some Concerns ...

The project will...

- Increase Access by the Homeless increasing trash and fire risk and decreasing safety of residents on Maple Street
- Increase Noise disturbing adjacent landowners (including rescued animals at the Wildlife Center)
- Not be well Maintained by the City



Not opening the site for any public access*

Public Access is a Community Choice

&

We don't have to decide today ...



NO TRESPASSING NO DUMPING NO CAMPING VIOLATORS WILL BE PROSECUTED

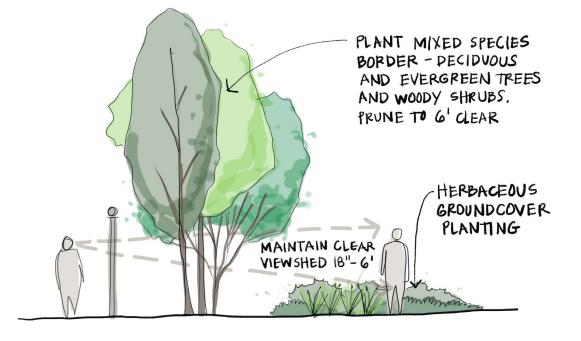


*assumes replacing, improving, and/or repairing existing fencing



Plantings selected to maintain a 'Clear Line of Site'

Designate off-trail areas as 'Environmentally Sensitive Areas'







City is willing to consider designating as a City Park*



*will require general plan amendment to change zoning

Trash Cans & Collection





Lighting



Video Cameras*



*as a deterrent – not a monitoring device



Ideas to address Noise ...

"Green Privacy Screens" to Muffle Noise

Not opening the site for any public access*





*assumes replacing, improving, and/or repairing existing fencing



Ideas to address Maintenance*...

Short-Term: 3-year Maintenance Contract after Construction Complete



Long-Term: Designate as a City Park





*no long-term maintenance possible by city on private property

Kellogg Resiliency Initial Project Alternatives

What is Green Stormwater Infrastructure?

SLOW . SPREAD . SOAK

Conventional Approach





With Green Stormwater Infrastructure





What is a Green Street?





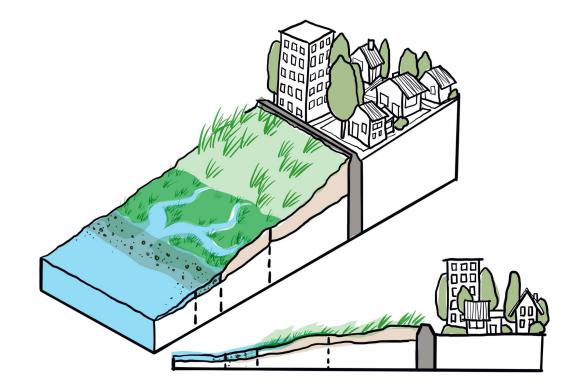
Potential Green Street Opportunity



What is an **Ecotone Levee?**



Sears Point Ecotone Levee Photo: Julian Meisler, Sonoma Land Trust





Integrated Solutions to Manage Future Flood Risk





Kellogg Alternatives

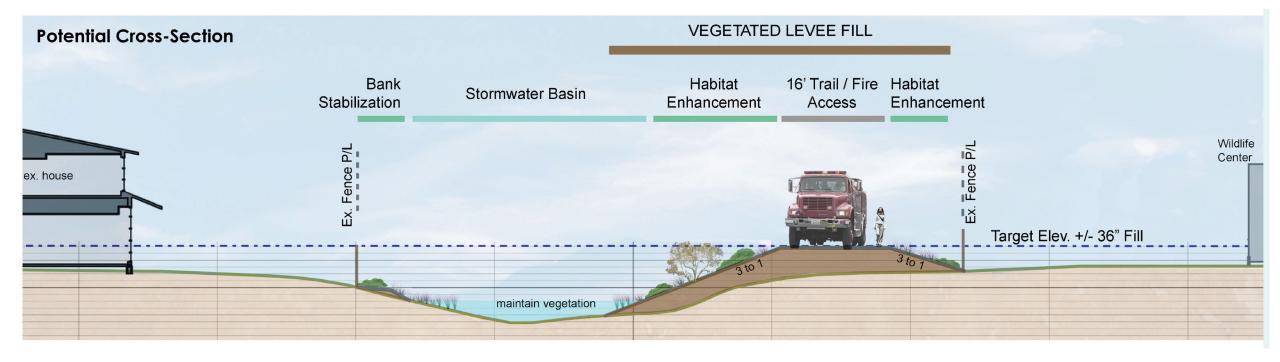
Alternative A: Minor Changes

pol Street	Optional green street	Elmwood Street		Kaloog Strees	Suisun City Boat Ramp
	POTENTIAL public access at School Street with signage & trash collection	Maple Street	Erosion control along homes adjacent to the basin		POTENTIAL public access at Kellogg Street with signage & trash collection
	Native vegetation along levee for flood protection & emergency access		E state	Suisun Wildlife Rescue Center	



- Easement through Wildlife Center property to School Street
- Stabilizes the bank adjacent to homes
- Raises the berm for future flood risk reduction

Alternative A: Minor Changes



Advantages

- Least disturbance
- Least costly
- Possible Green Streets
- Habitat enhancement
- Enhanced emergency access
- Bank stabilization

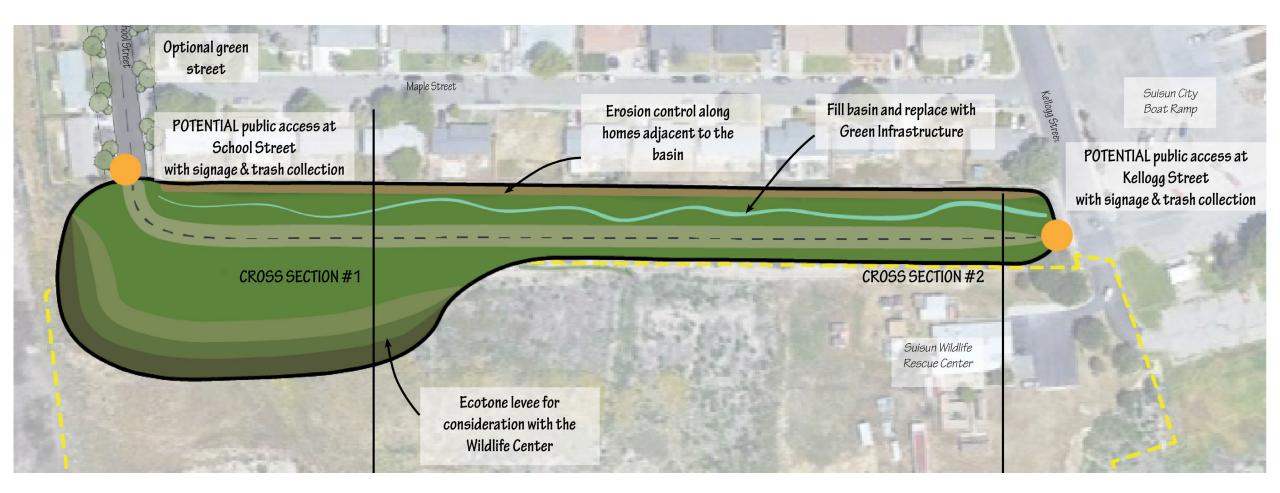
Disadvantages

- Higher maintenance
- Less habitat creation



Kellogg Alternatives

Alt. B: Maximizing Habitat Benefits



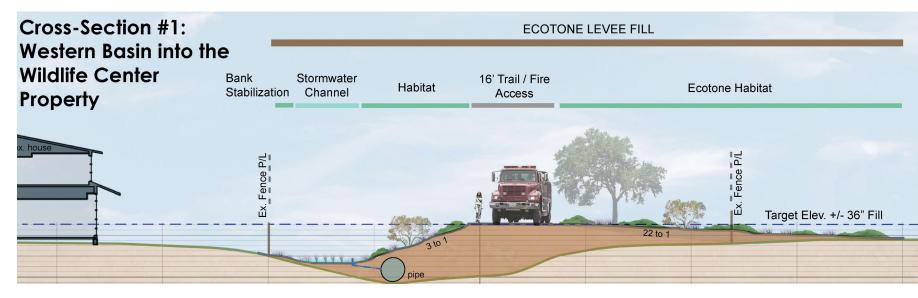


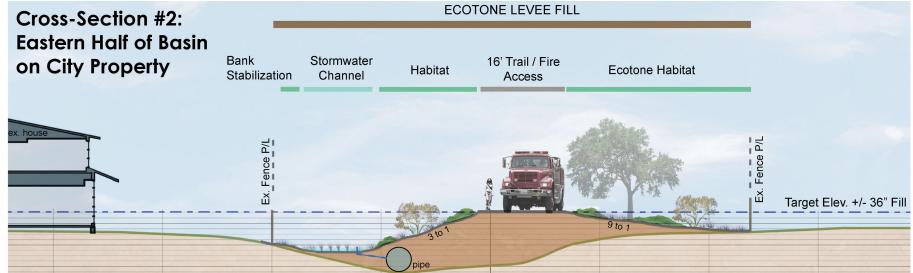
• Fills existing basin & adds green infrastructure with an overflow pipe

Ecotone levee increases habitat

Raises the berm for future flood risk reduction

Alt. B: Maximizing Habitat Benefits





Advantages

- More habitat creation
- Improved Maintenance
- Possible Green Streets
- Enhanced emergency access
- Bank stabilization

Disadvantages

- More disturbance
- More Costly

Kellogg Alternatives

Alt C: Road & Channel Realignment



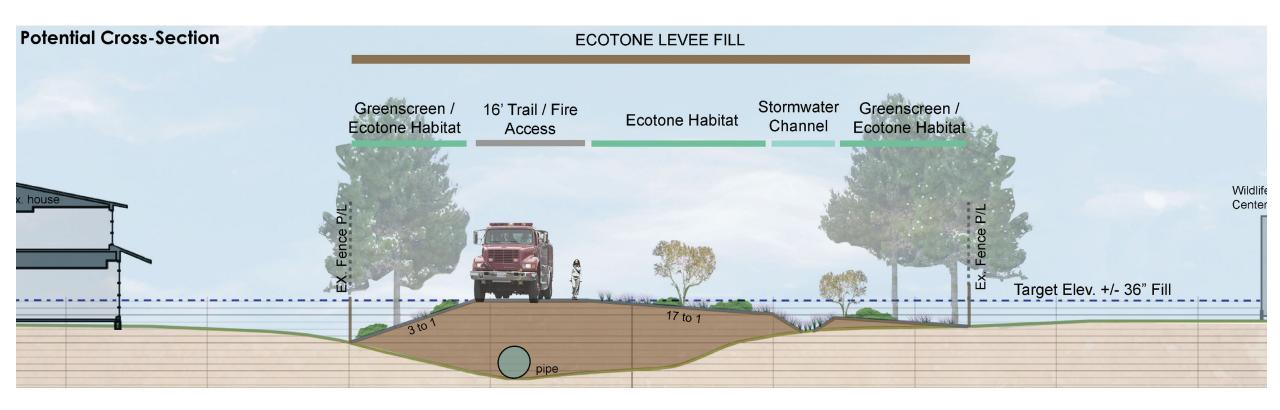


- Fills existing basin & adds green infrastructure with an overflow pipe
- Limited habitat connectivity

• Raises the berm for future flood risk reduction

Kellogg Alternatives

Alt C: Road & Channel Realignment



Advantages

- Improved fire access
- Possible Green Streets
- Enhanced emergency access
- Bank stabilization

Disadvantages

- Less habitat creation
- Potential visual impacts
- More costly than Alternative A



Long-Term Opportunity

1) Basin retrofit with elevated access within City property

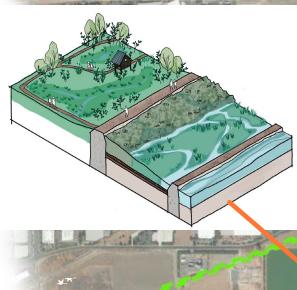
- 2) Levee extension for flood & ecological resilience
- 3) Raised extension to CordeliaRd along existing berms
- Emergency Vehicle Access



Thinking holistically ...

LEGEND

- Existing 36-inch and 48-inch Force Mains
- Central Pump Station
- Central Pump Station Junction Box
- Suisun Pump Station
- FSSD Wastewater Treatment Plant





Your feedback!



Small group discussions – so we can hear from everyone



Dot voting

Next Steps

Next Steps for this Project

Today	Collect Feedback on Initial Project Alternatives (10% Design)			
March 2023	Let us know your comments! (& suggestions for how to improve)			
	Project Alternative Fact Sheets and Presentation, will be: 1. Emailed to those of you on our email list 2. Posted to our website <u>https://www.fssd.com/public-outreach/kellogg-resiliency-project/</u>			
	Emily Corwin ecorwin@fssd.com 707-428-9138			
July 2023	Draft 30% Project Design Documents			
2023 - 2025 2026 - 2027 2027 - 2030 Next Phase	100% Design & Permitting Construction 3-year Maintenance Contract with Contractor			

Partner Next Steps





Closing

Mayor Alma Hernandez, City of Suisun City Assemblymember Lori Wilson's Office



Thank you for your time!

TA TABLET OF

