



Valley Water

Clean Water • Healthy Environment • Flood Protection



Coyote Creek Flood Protection Project

Presentation to:

Bay Area Flood Protection Agency Association (BAFPAA)

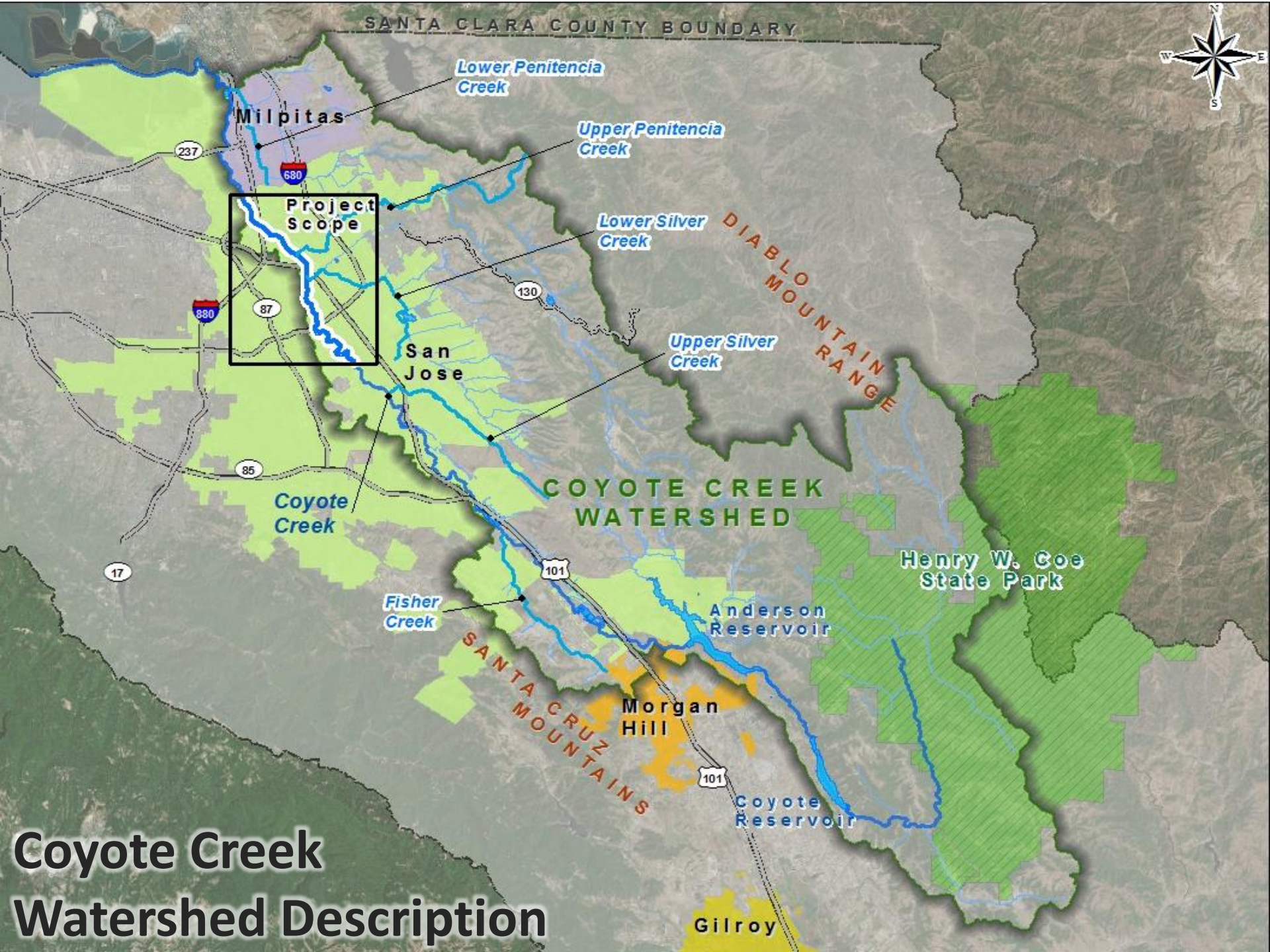
February 8th, 2021

Virtual Meeting

1:30 pm – 3:00 pm



Valley Water



SANTA CLARA COUNTY BOUNDARY

Lower Penitencia Creek

Upper Penitencia Creek

Lower Silver Creek

Upper Silver Creek

DIABLO MOUNTAIN RANGE

COYOTE CREEK WATERSHED

Coyote Creek

Fisher Creek

Anderson Reservoir

Henry W. Goe State Park

Morgan Hill

SANTA CRUZ MOUNTAINS

Coyote Reservoir

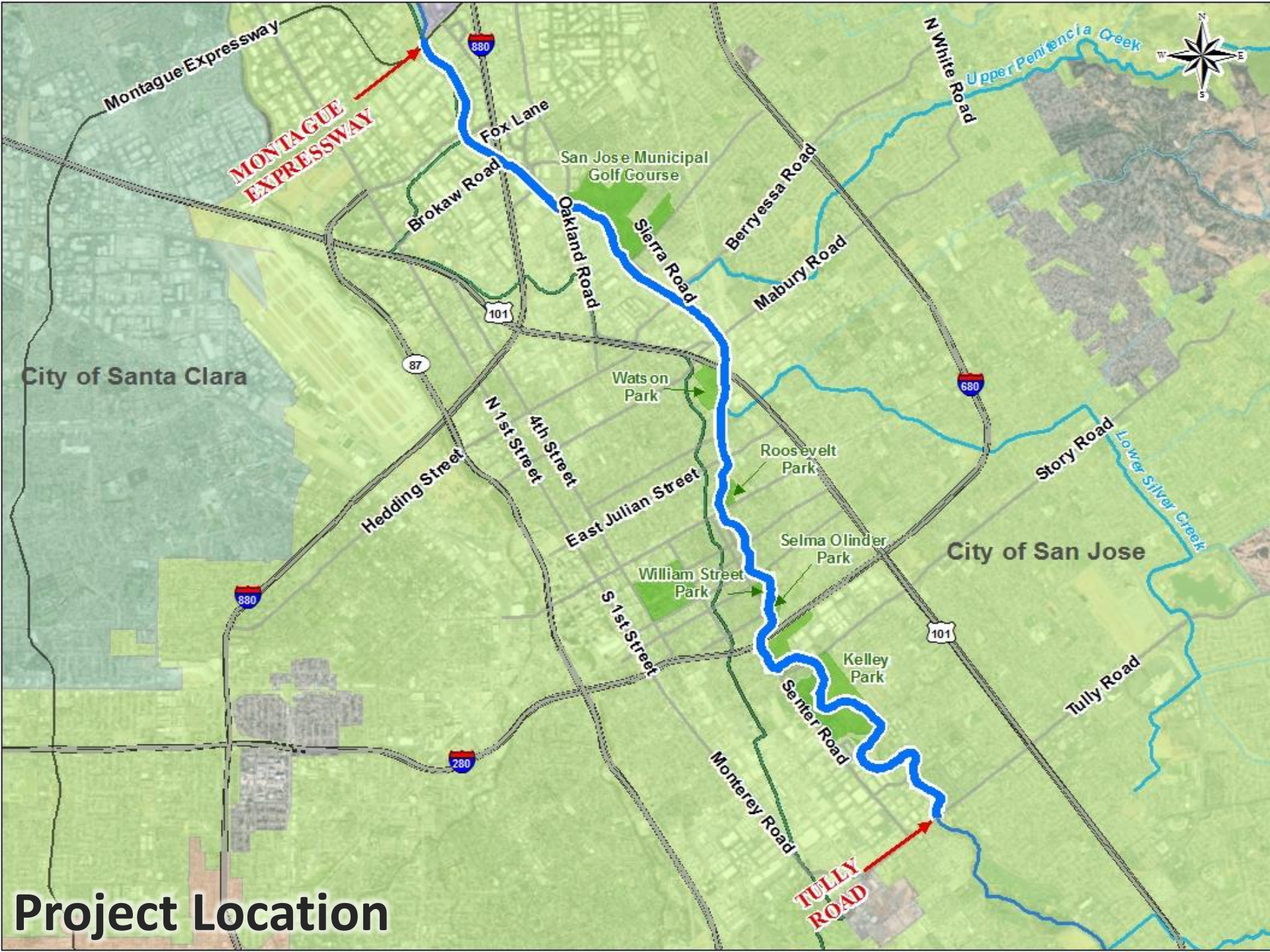
Gilroy

Milpitas

San Jose

Project Scope

Coyote Creek Watershed Description

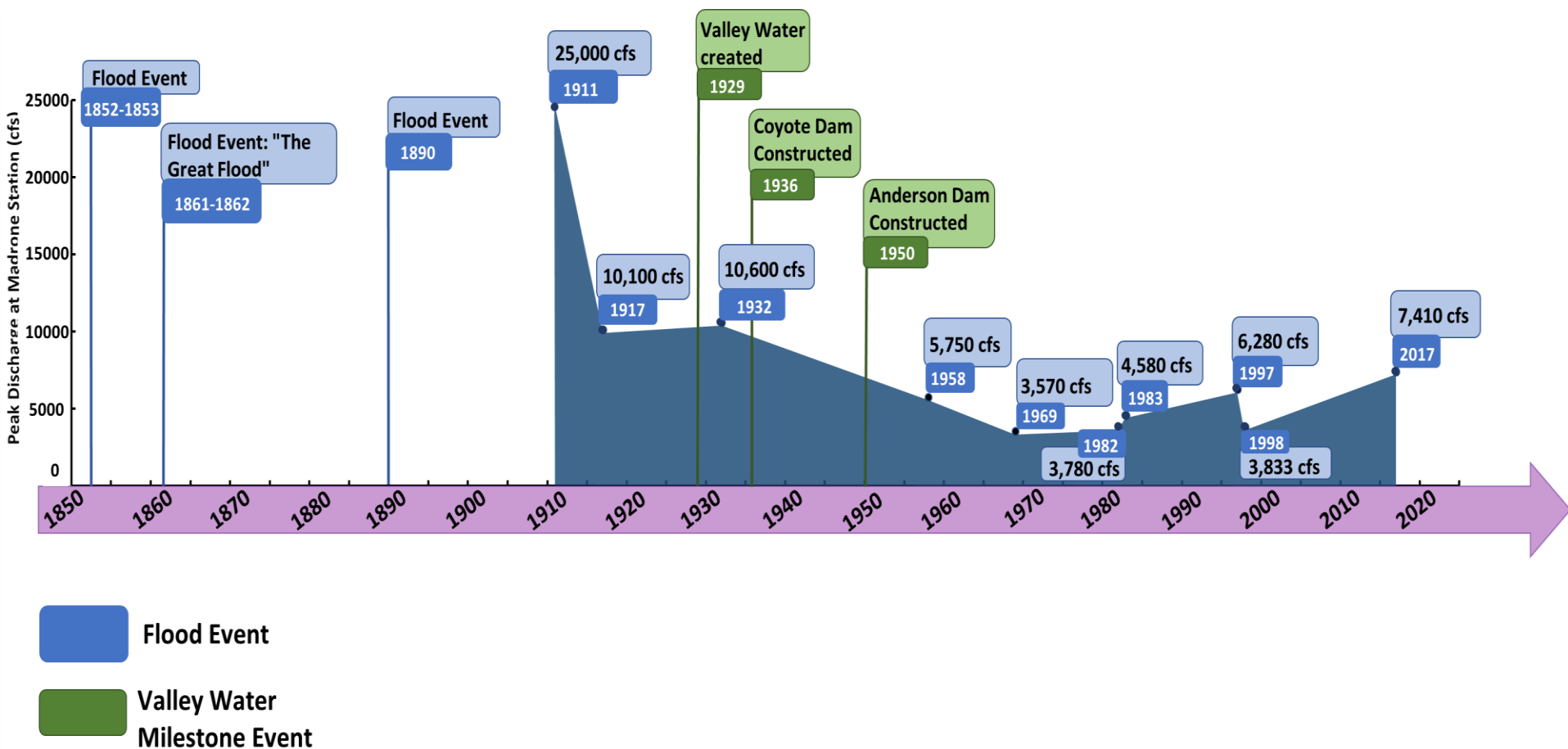


MONTAGUE EXPRESSWAY

TULLY ROAD

Project Location

History of Coyote Creek Floods



Flooding History: Santa Clara Street, January 1890



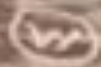
Boating down W. Santa Clara Street, January, 1890

Source: Loomis, P., *Signposts*, [Limited 1st ed.]. San Jose Historical Museum Association. San Jose, Calif. 74 p.

Flooding History: Monterey Road, March 7-9, 1911



MONTEREY ROAD,
MARCH 7-1911



Flooding History: Nordale Avenue, January 27, 1997



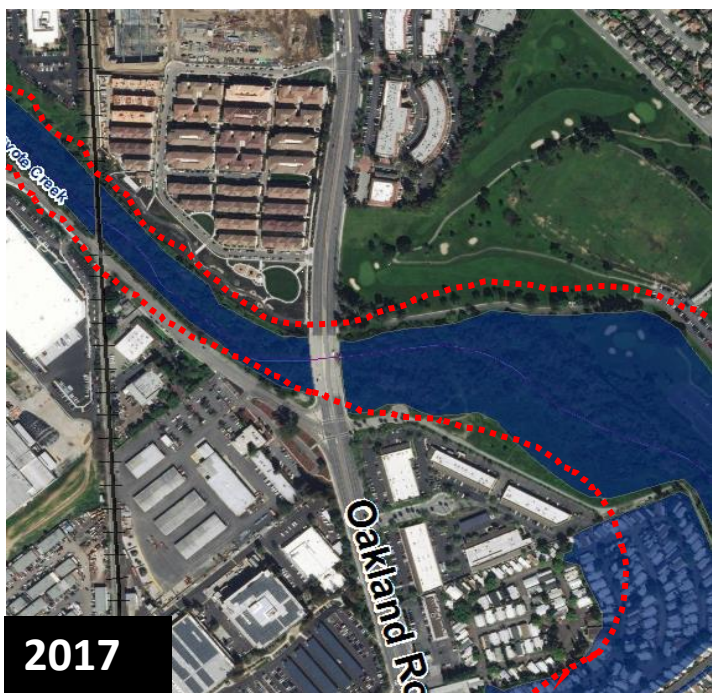
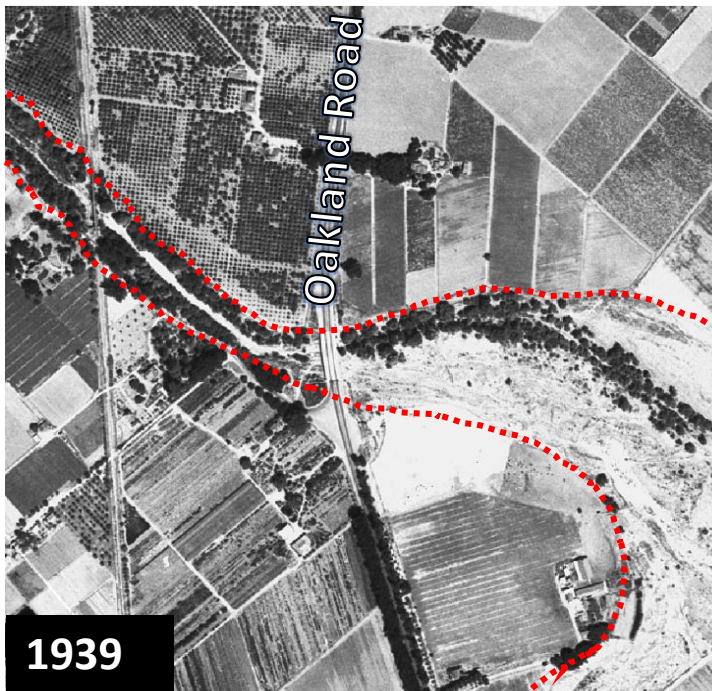
Flooding History: Golden Wheel Mobile Home Park, February 8, 1998



Photographer Richard Wisdom, San Jose Mercury News

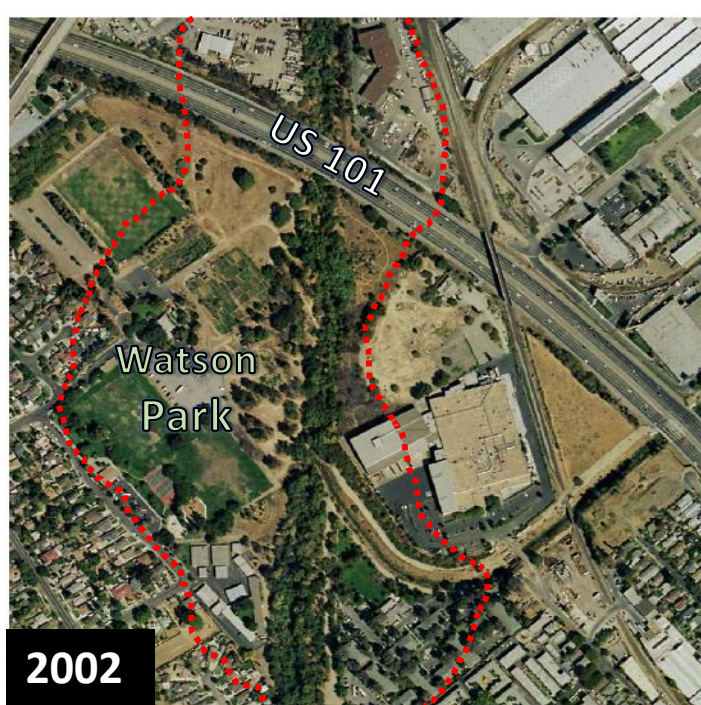
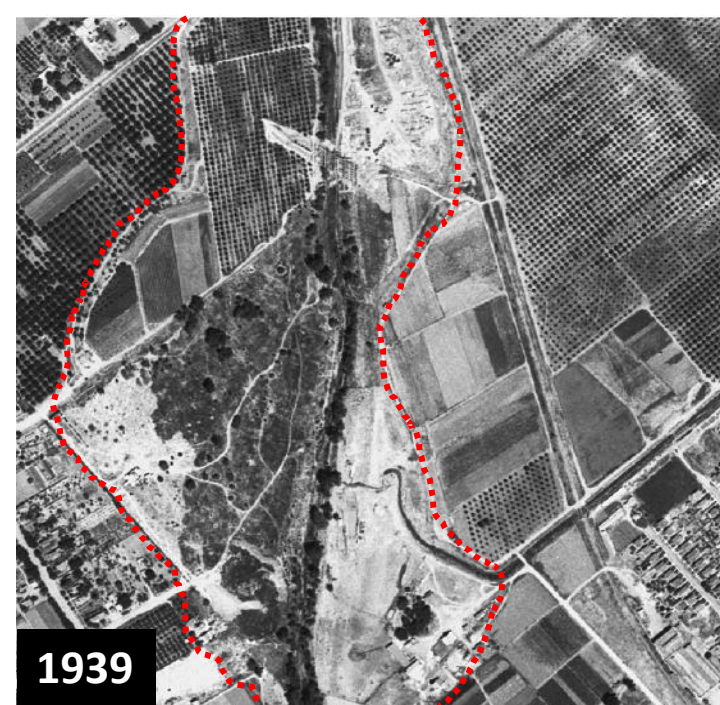
Flooding History: William Street Park, February 2017





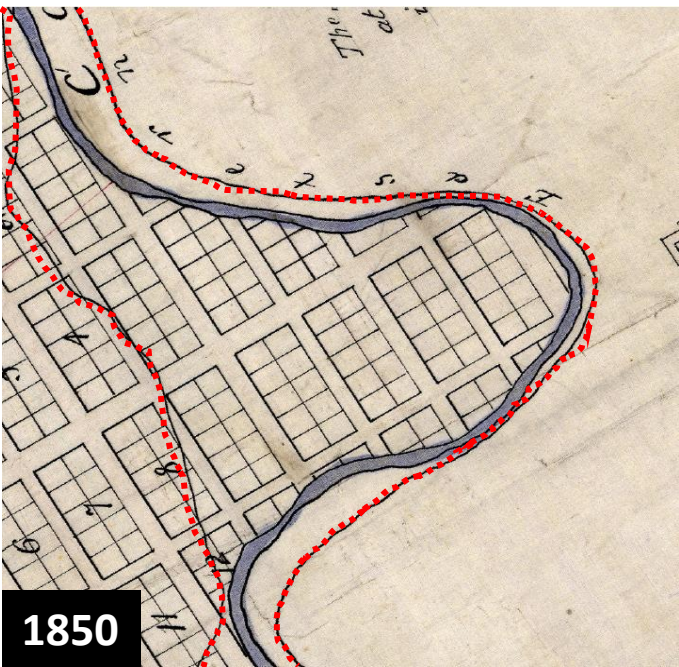
Historical Landscape Conditions: *Oakland Road*

Source: Grossinger, Robin, et al., 2006. Coyote Creek Watershed Historical Ecology Study: Historical Condition, Landscape Change, and Restoration potential in the Eastern Santa Clara Valley, California.

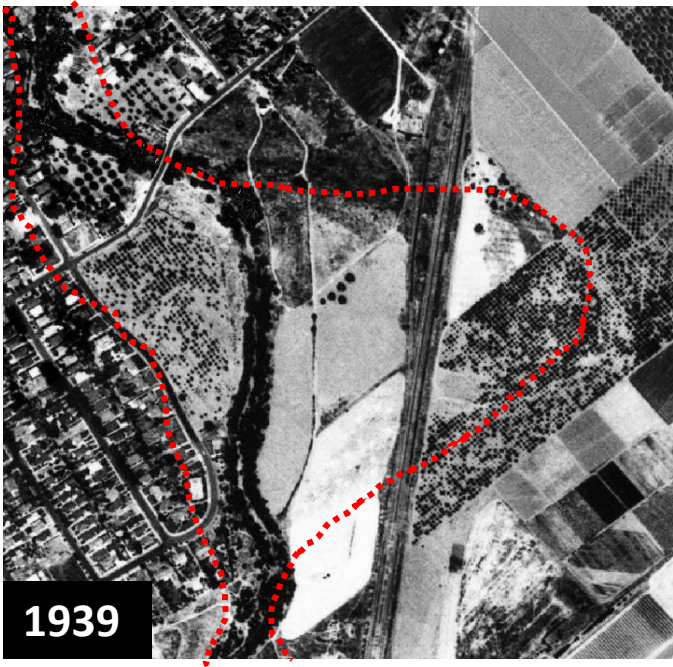


Historical Landscape Conditions: *Watson Park*

Source: Grossinger, Robin, et al., 2006. Coyote Creek Watershed Historical Ecology Study: Historical Condition, Landscape Change, and Restoration potential in the Eastern Santa Clara Valley, California.



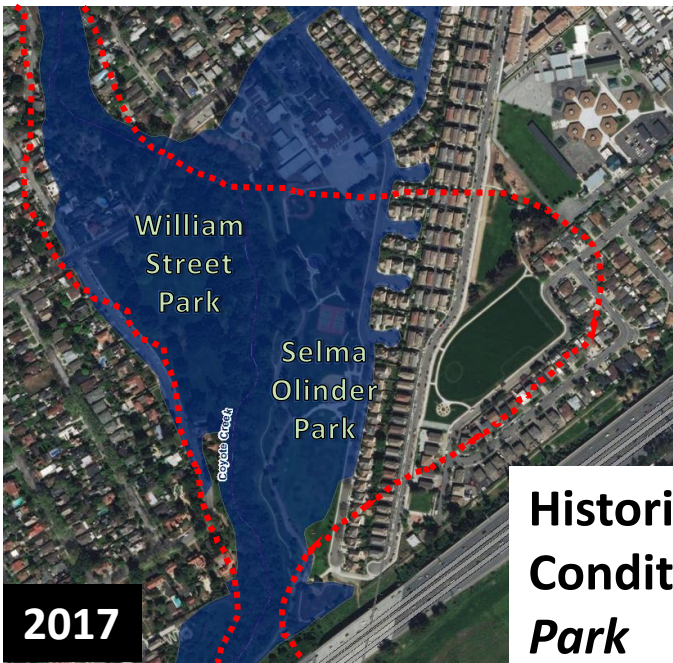
1850



1939



2002

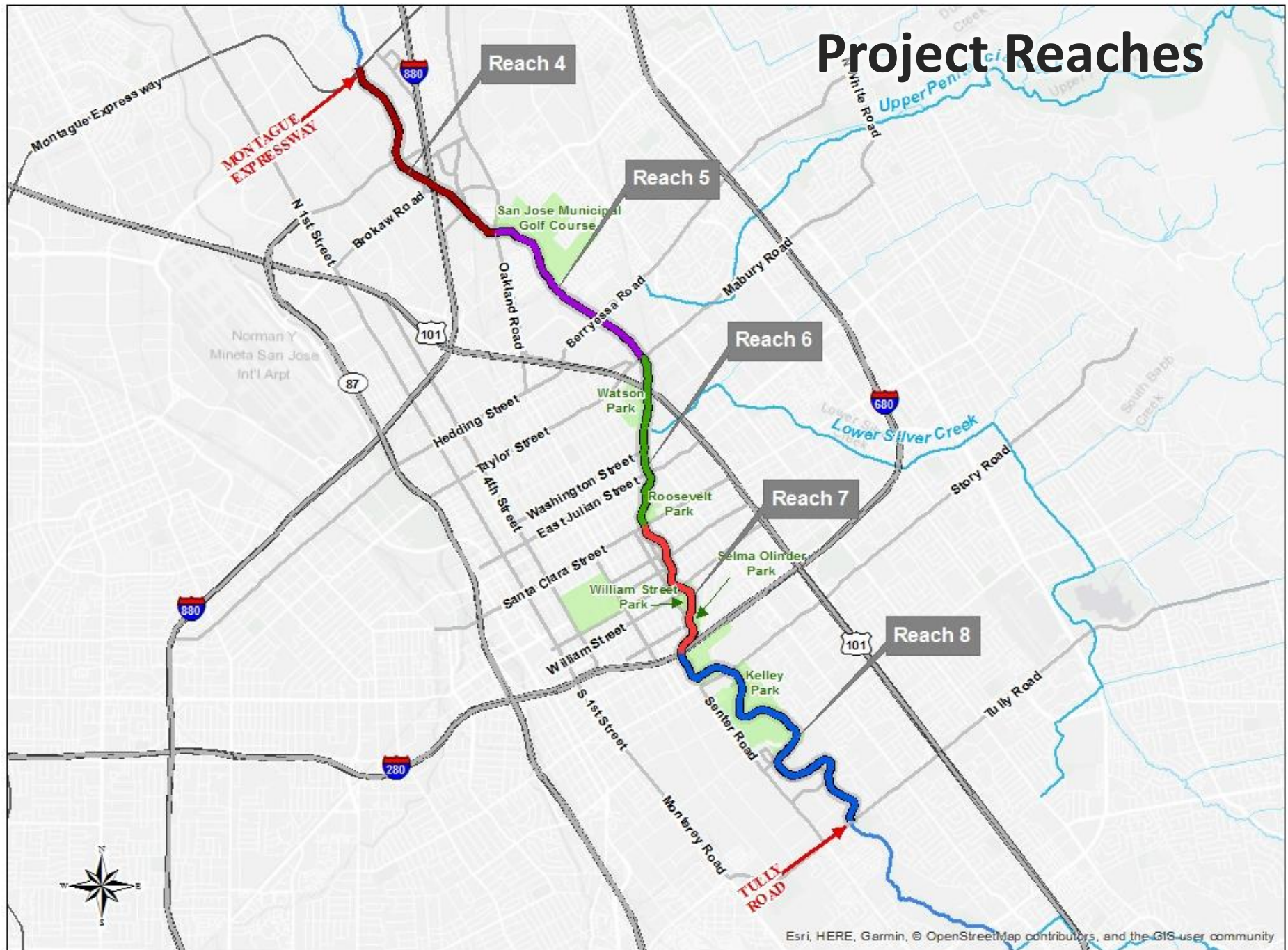


2017

**Historical Landscape
Conditions: *William Street
Park
& Selma Olinder Park***

Source: Grossinger, Robin, et al., 2006. Coyote Creek Watershed Historical Ecology Study:
Historical Condition, Landscape Change, and Restoration potential in the Eastern Santa Clara Valley, CA.

Project Reaches



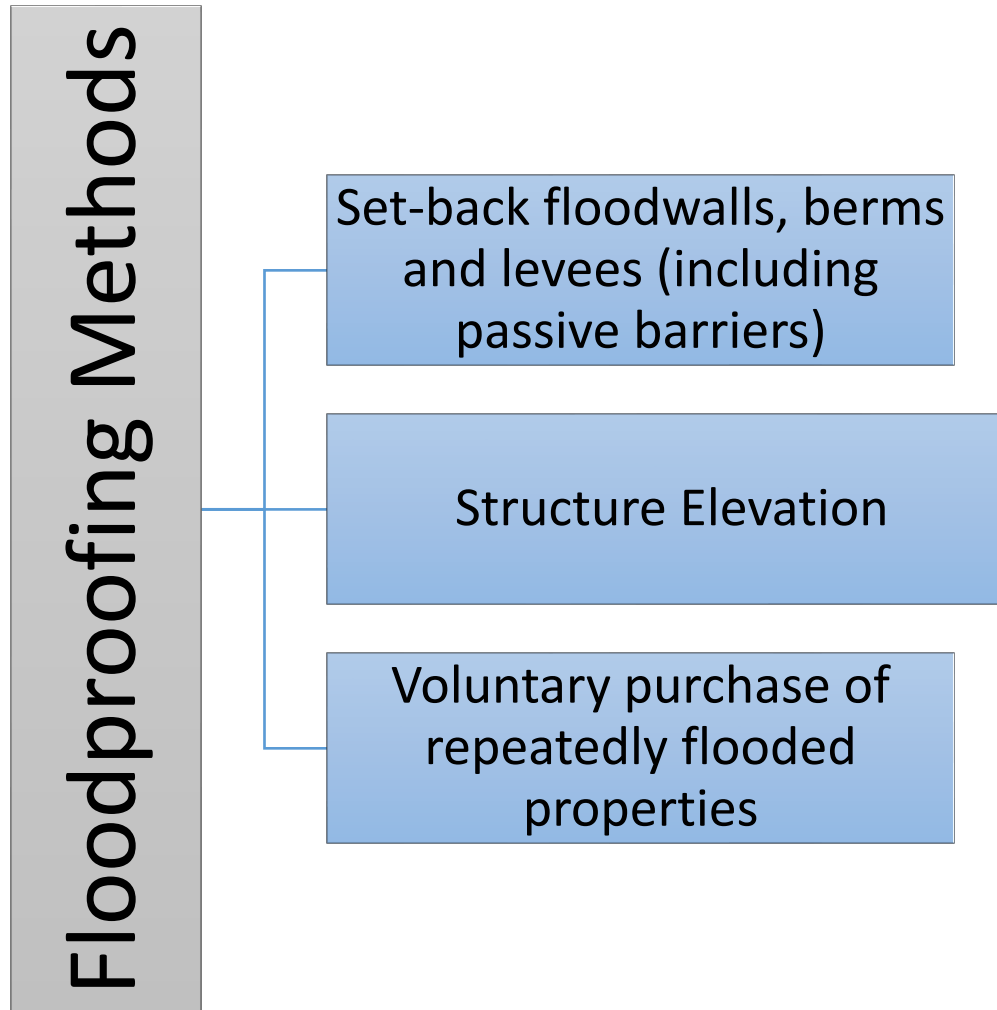
Project Objective:

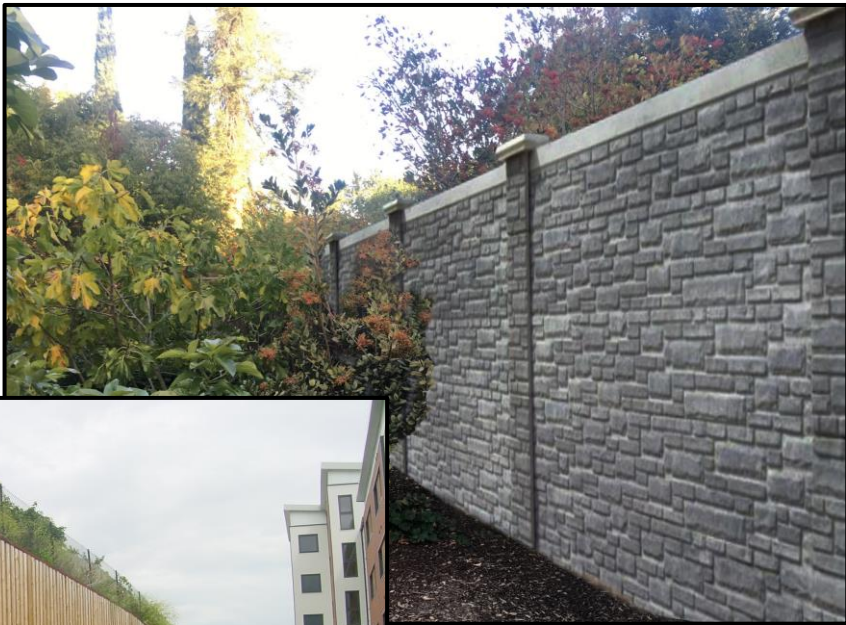
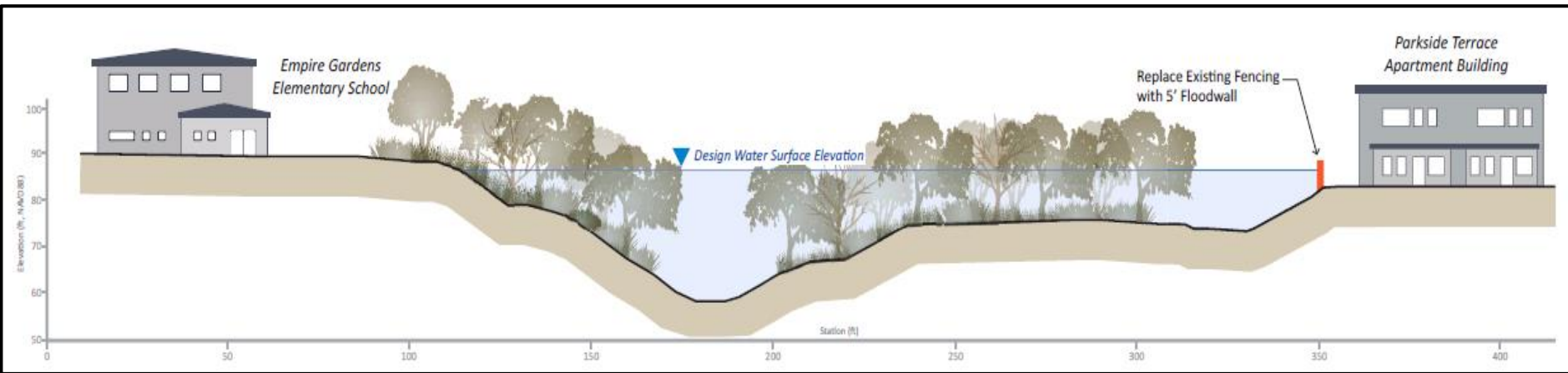
Reduce risk of flooding from a flood event similar to the February 2017 event or a 20-year flood event

Additional Project goals:

- Stream Habitat Enhancement
- Improve Water Quality
- Provide for Public Access and Recreation
- Minimize Need for Future Maintenance Activities

Flood Risk Mitigation Strategies





Source: Construction of new floodwalls at San Francisquito Creek.



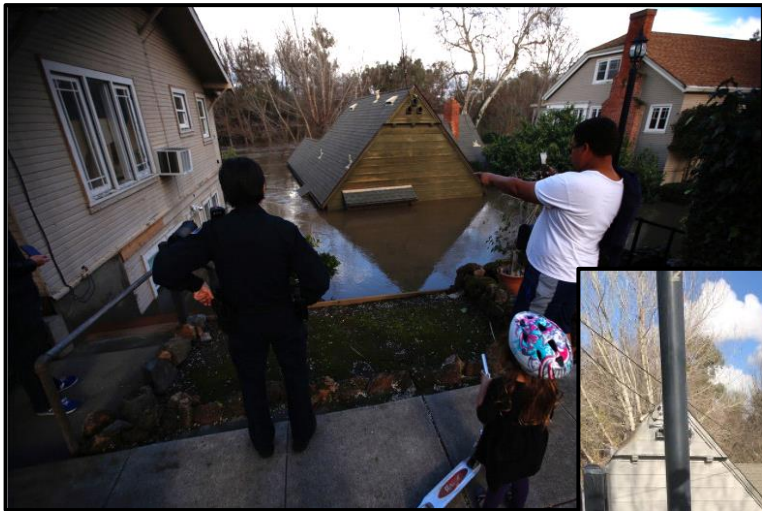
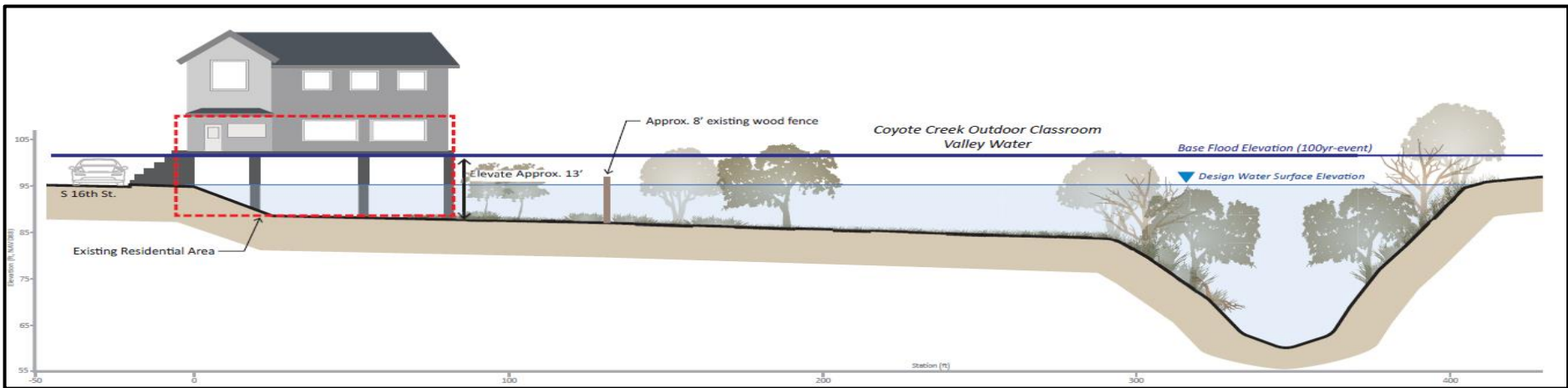


Image Source: Elevation Assessment Report prepared by Planet Three Elevation for Valley Water

Flood Risk Reduction Work Since 2017



Floodwall and berm installation



Invasive vegetation Management and
blockage removal



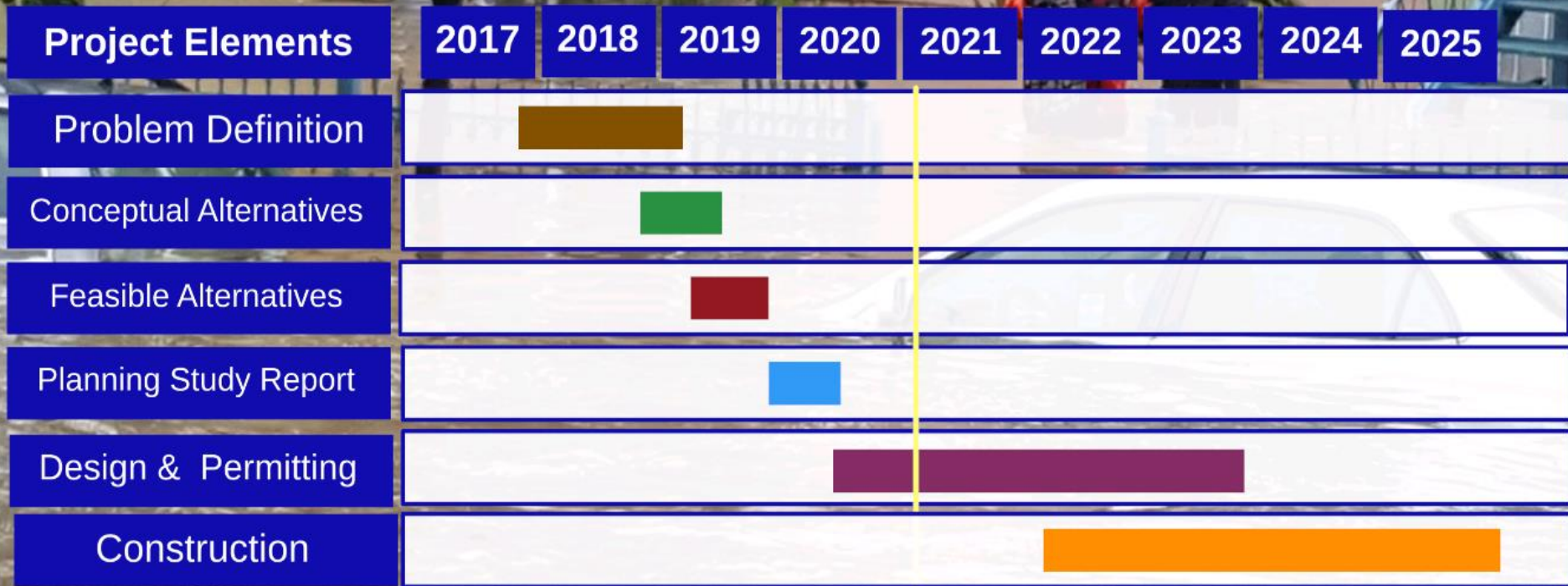
Installation of visible stream gauges



Levee Repair







We are here

For more information

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