

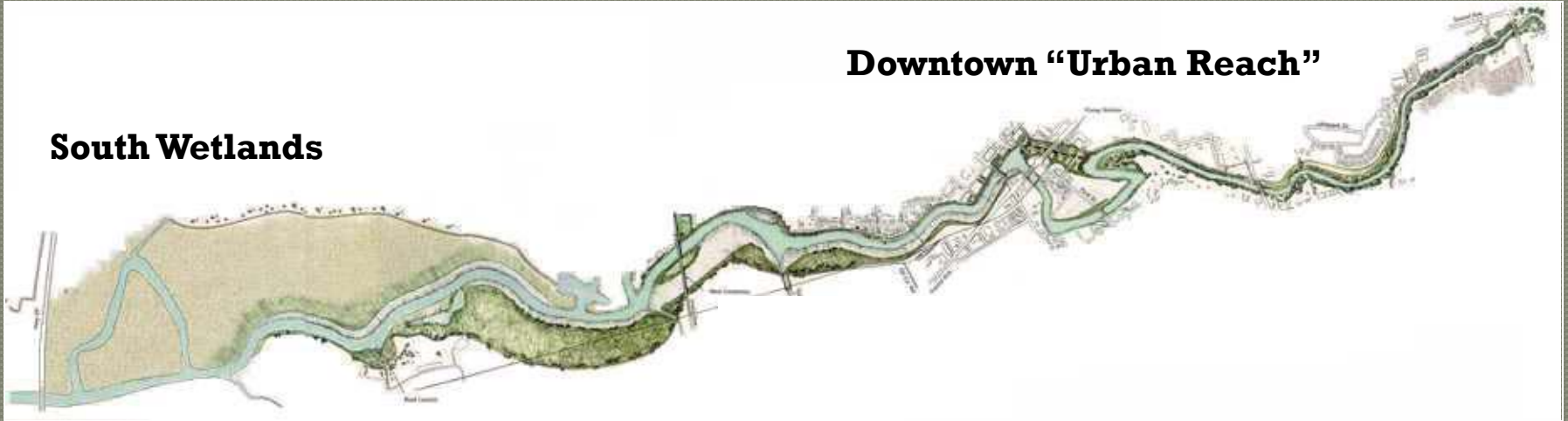
# **Napa River Flood Project Operations Winter 2016-2017**



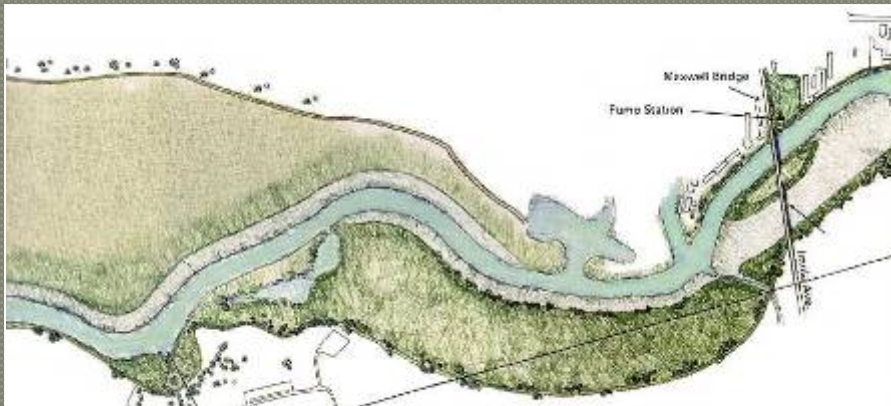
# The Living River

## Geomorphic Channel Design

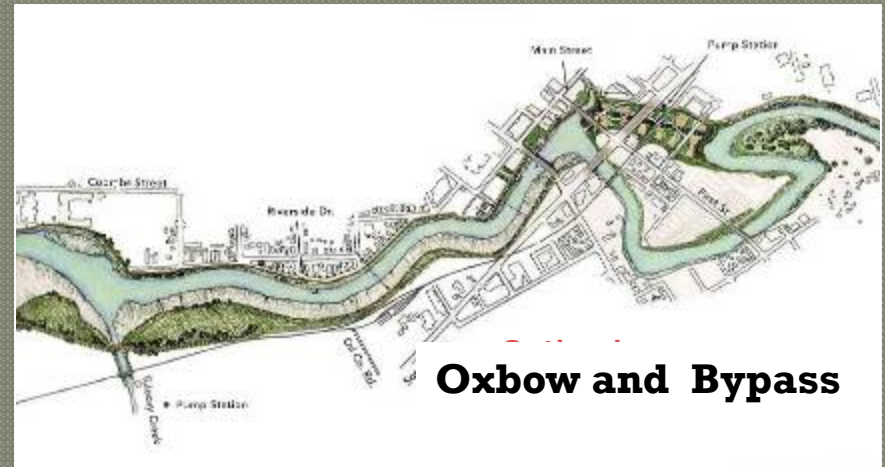
### South Wetlands



### Downtown "Urban Reach"



### Marsh plains and Floodplains



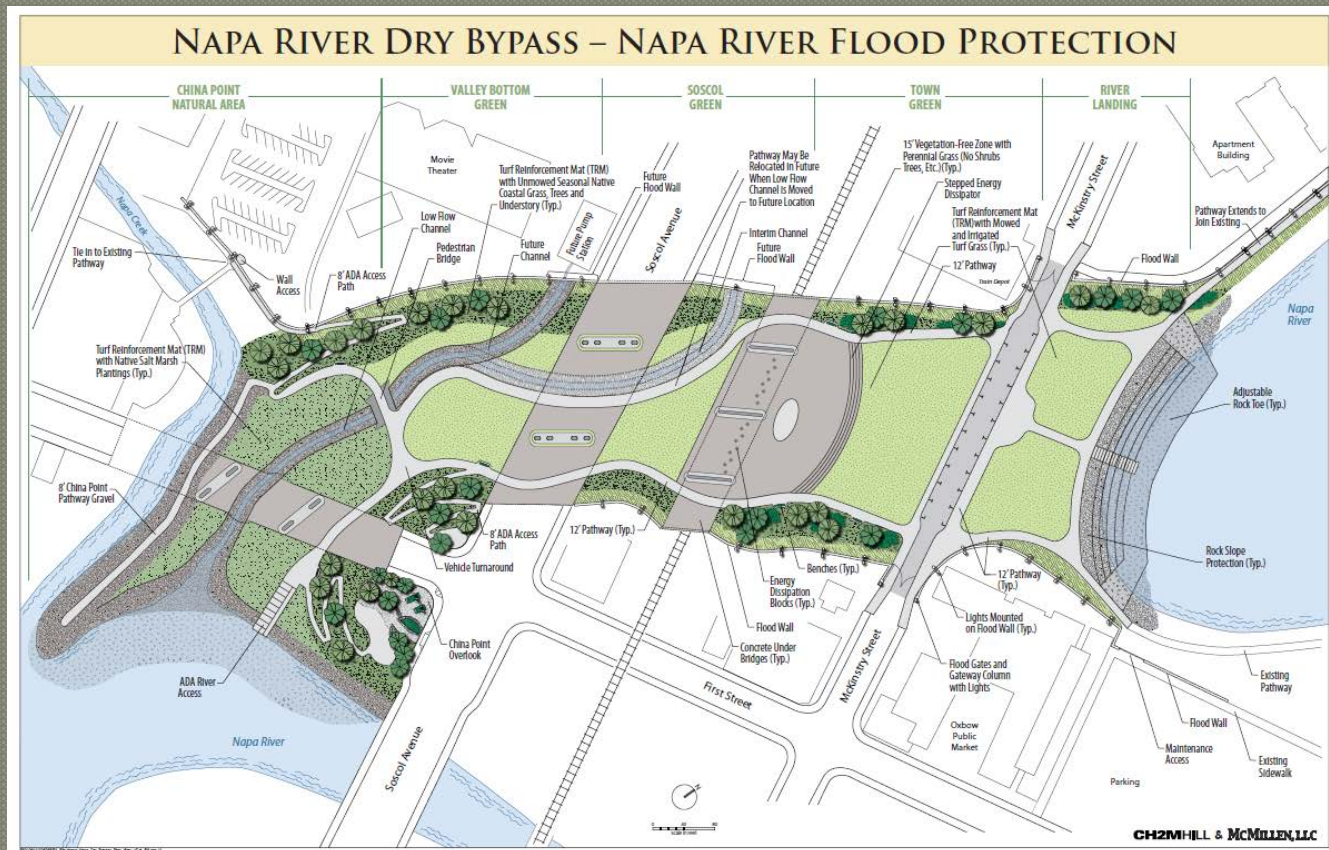
### Oxbow and Bypass

# Project Components

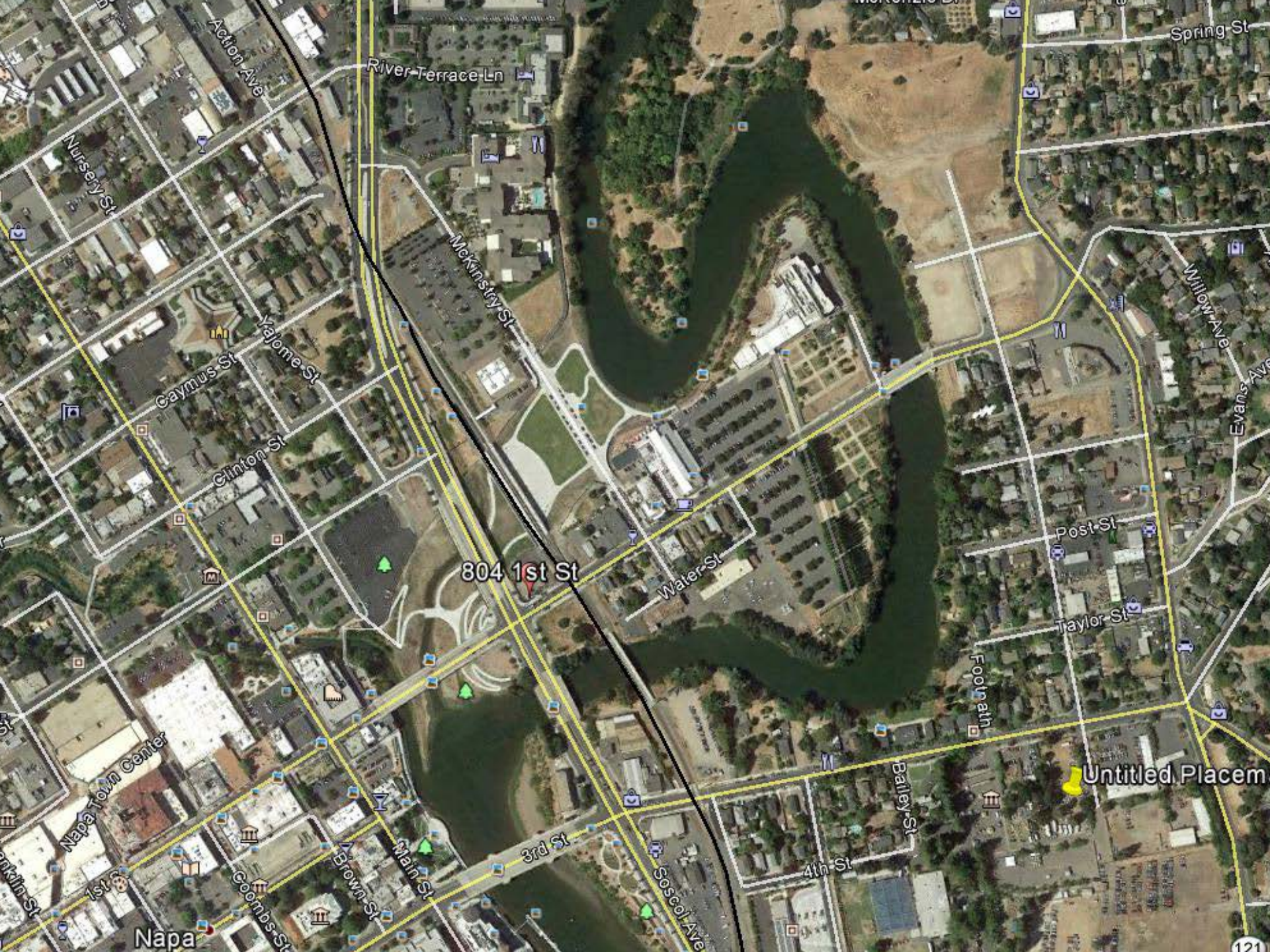
- Improvements to 7 miles of the Napa River and 1 mile of Napa Creek
- Removal of 53 mobile homes, 16 other residences and 28 commercial buildings
- Creation of 900+ acres of emergent marsh, seasonal wetlands, and restored habitats
- Replacement of 9 bridges
- **Protection of 3,000 properties** from the “100-year flood event”, **\$1 billion** savings over the life of the Project.



# The Napa River Dry Bypass







Spring St

River Terrace Ln

McKinstry St

Action Ave

Nursery St

Caymus St

Yalome St

Clinton St

804 1st St

Water St

3rd St

4th St

Bailey St

Post St

Taylor St

Willow Ave

Evans Ave

Foolpath

Untitled Placem

Napa

Napa Town Center

Coombs St

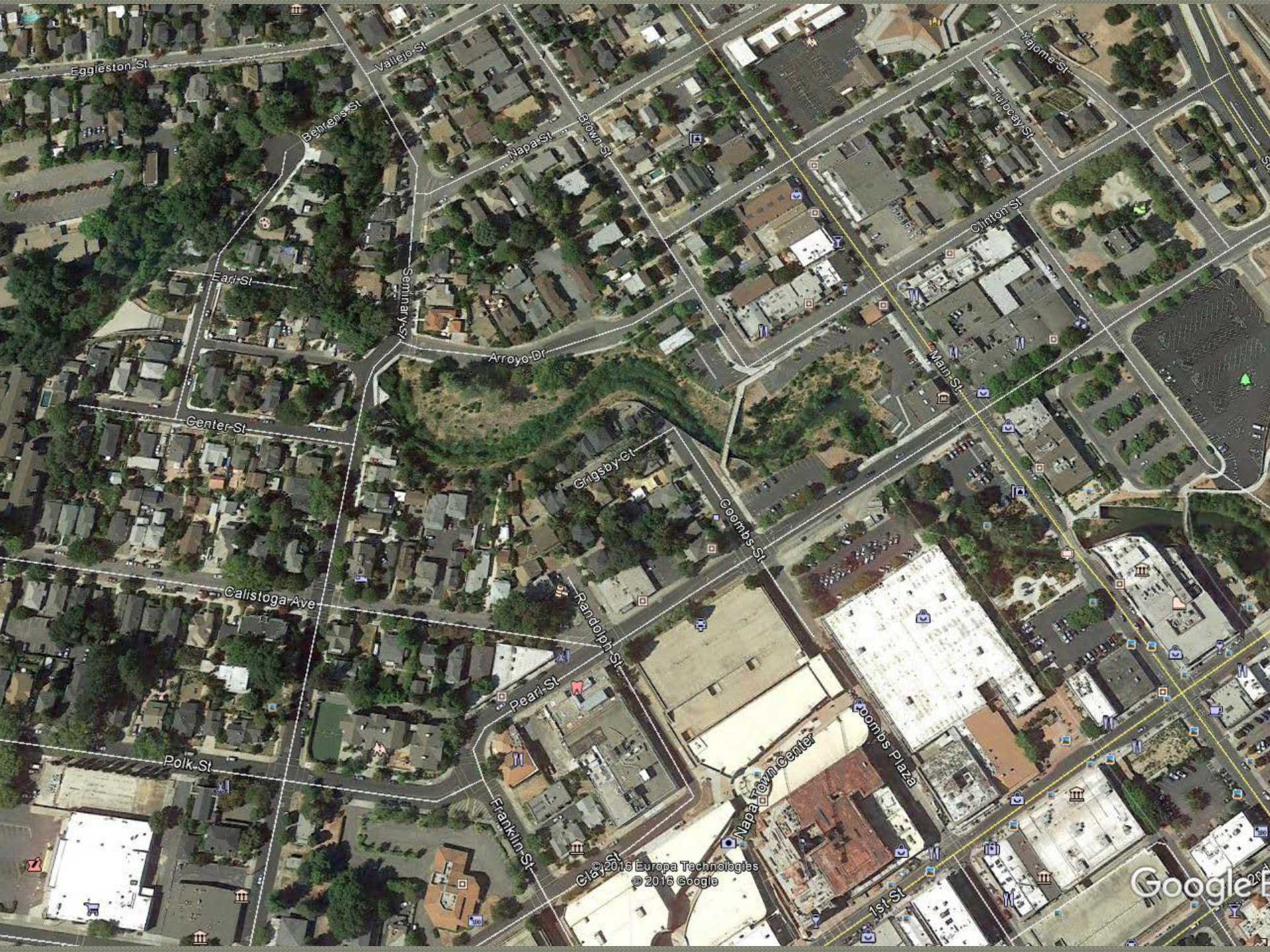
Brown St

Main St

Soscol Ave

121



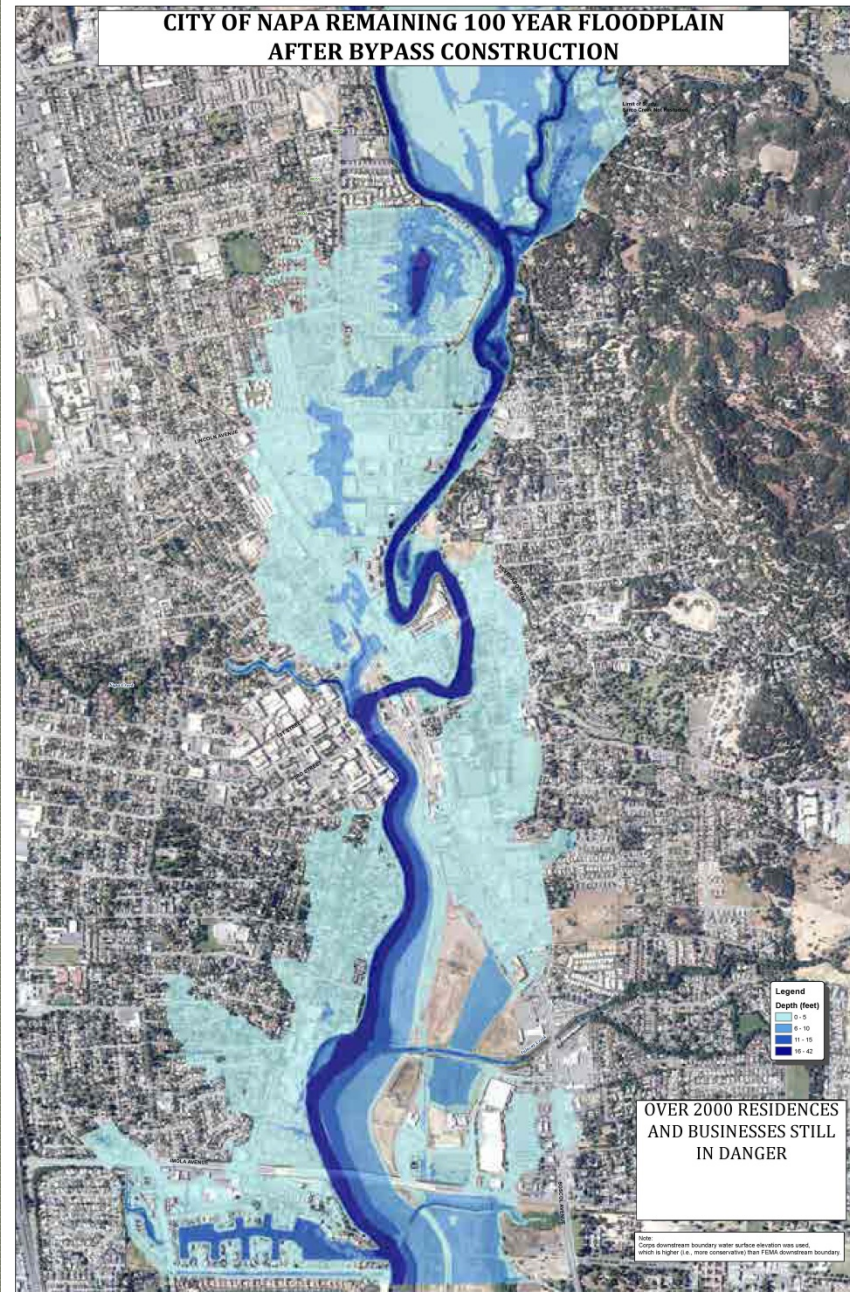


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Google



# CITY OF NAPA REMAINING 100 YEAR FLOODPLAIN AFTER BYPASS CONSTRUCTION



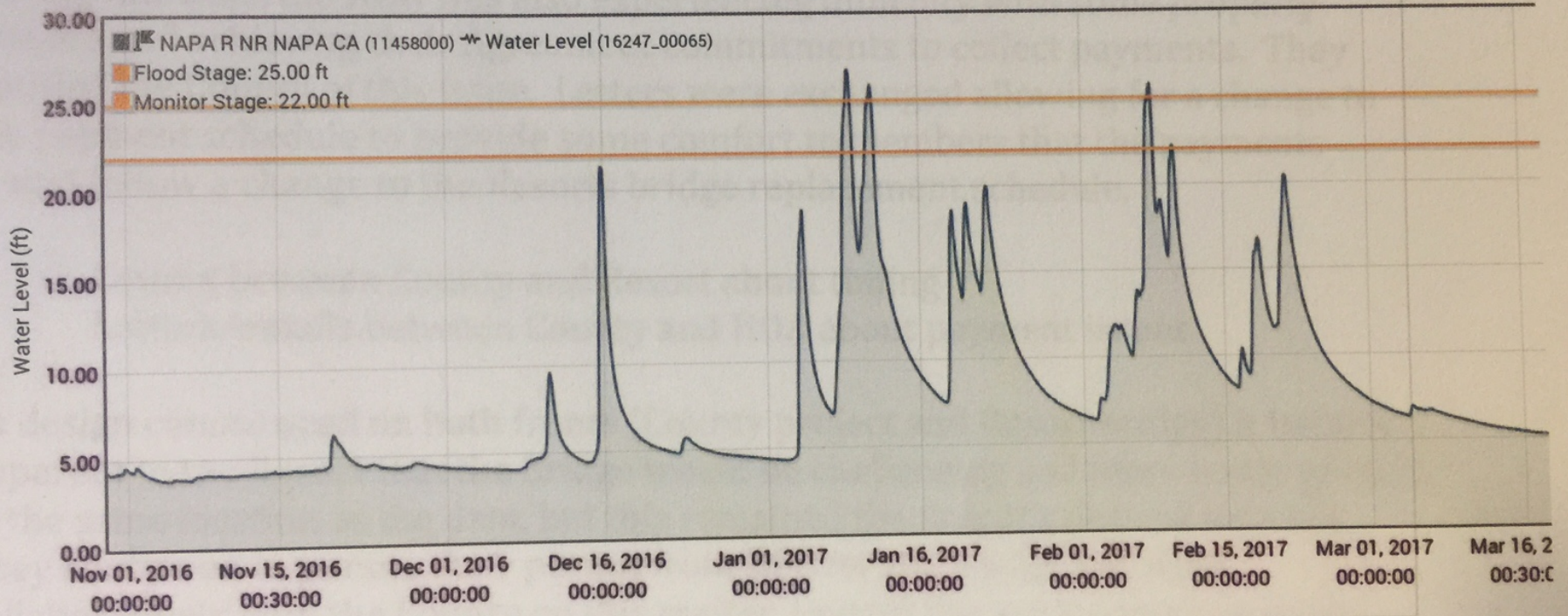




# Water Level (16247\_00065)

## NAPA R NR NAPA CA (11458000)

October 30, 2016 - March 30, 2017

Markers Legend



 NAPA R NR NAPA CA (11458000)  Water Level (16247\_00065)

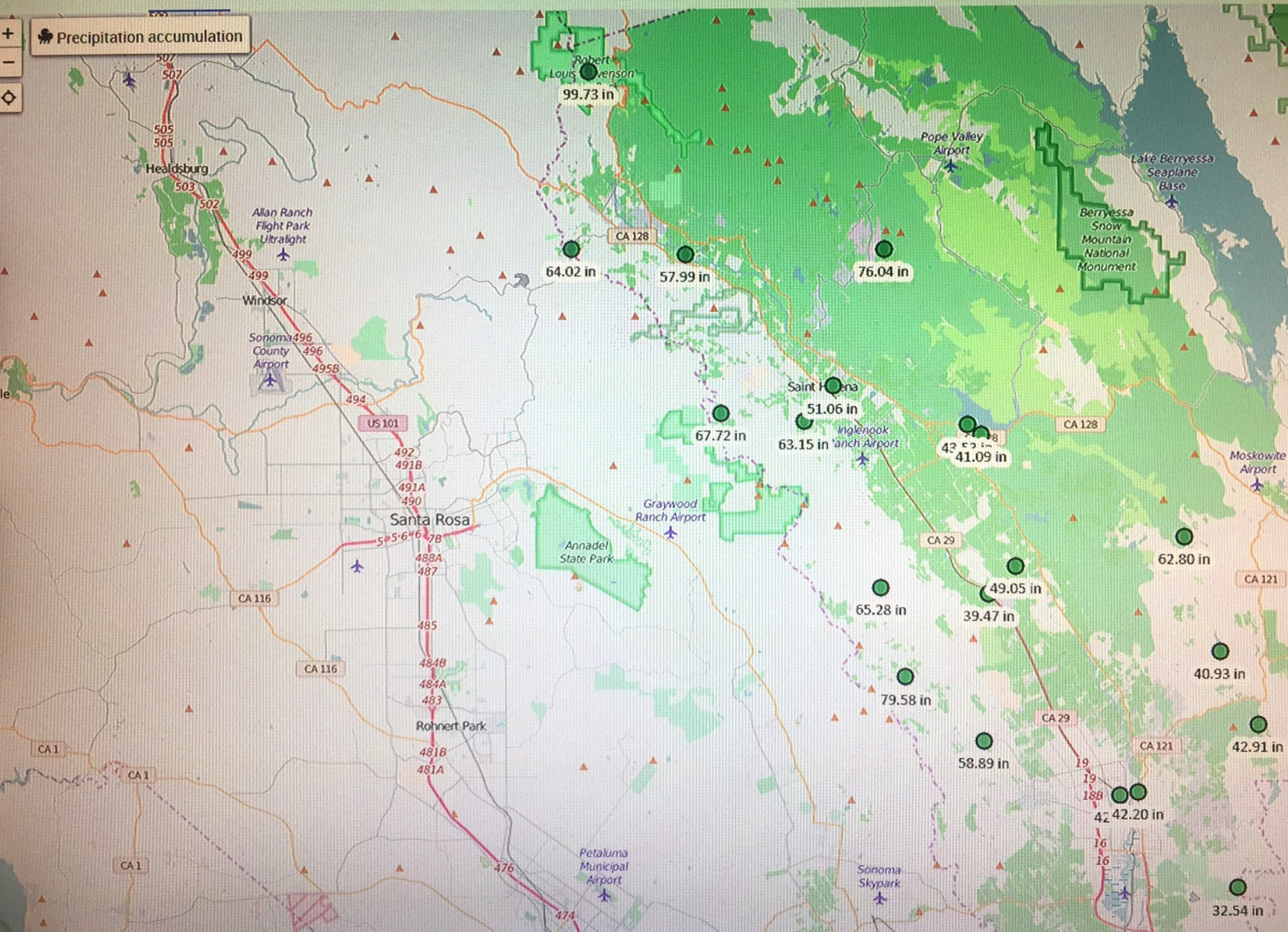
Thresholds

5.01 ft ☉ 2017-04-06 18:00:00



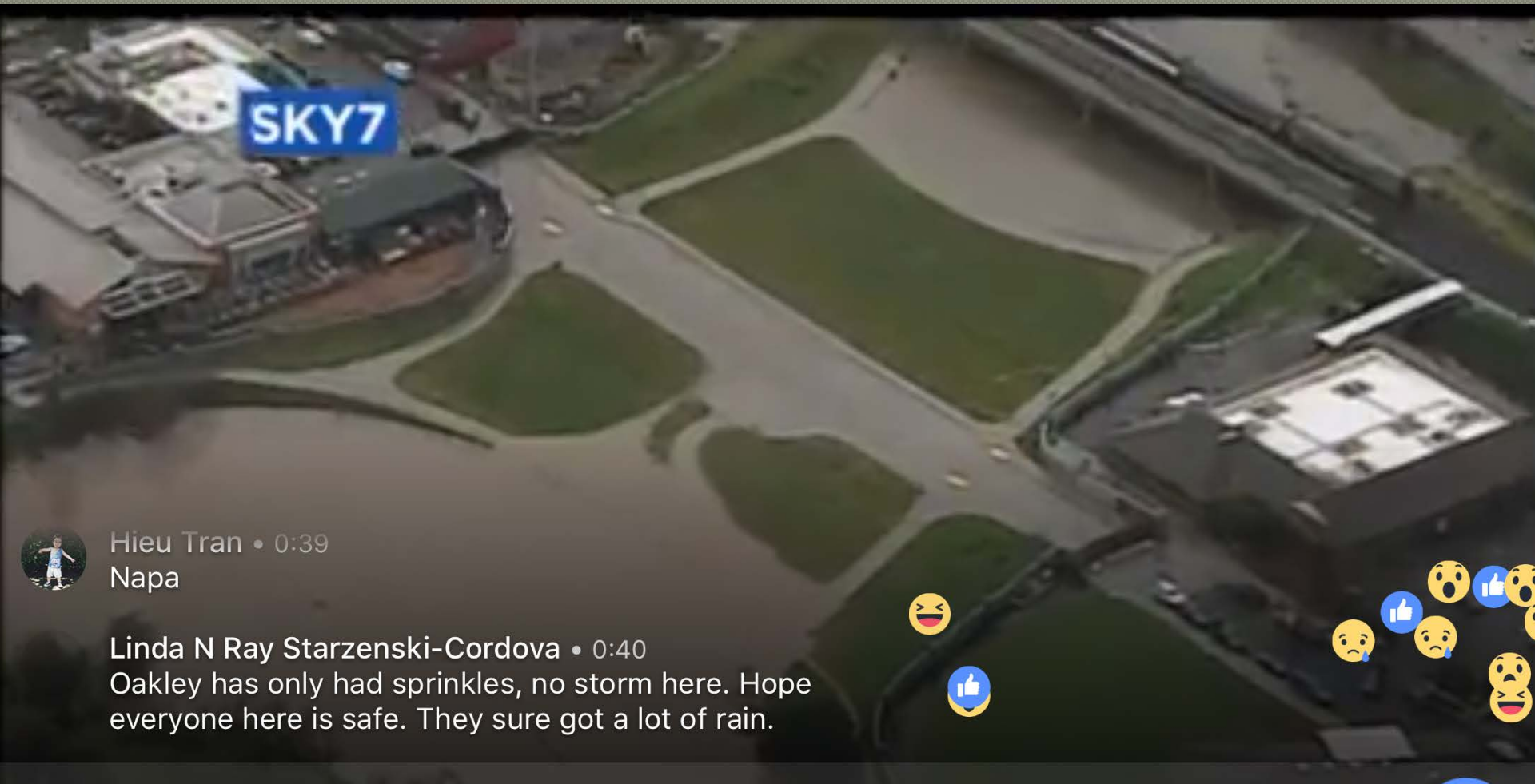


Precipitation accumulation





# Channel 7 News Helicopter



Hieu Tran • 0:39  
Napa

Linda N Ray Starzenski-Cordova • 0:40  
Oakley has only had sprinkles, no storm here. Hope everyone here is safe. They sure got a lot of rain.







**Bypass Inlet Sunday January 8 12:30 PM**



# Bypass Soscol/First Street

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SKY7



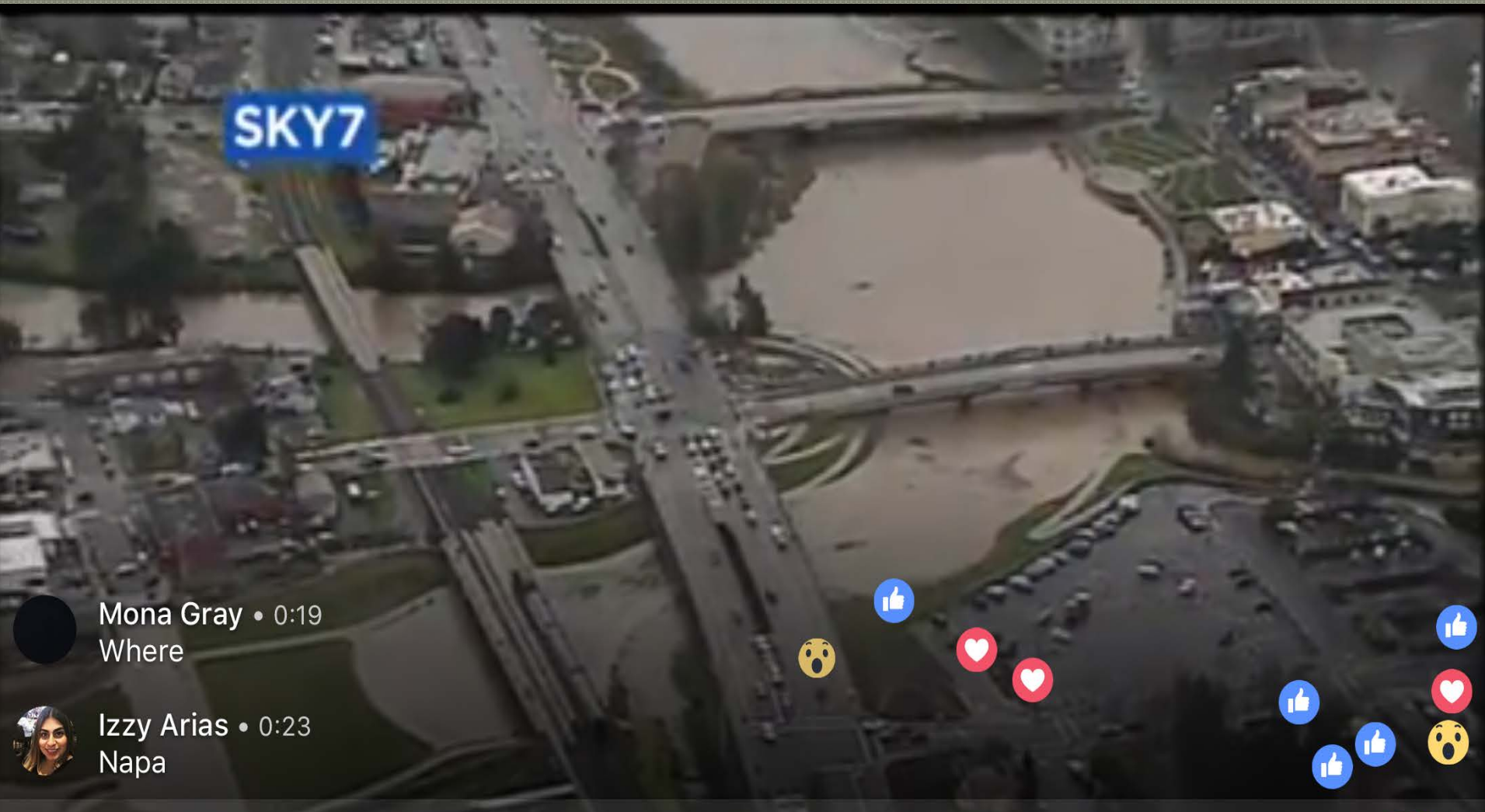
Max Canton • 0:16  
Where is this at?



Mona Gray • 0:19  
Where



# Bypass Lower End at River



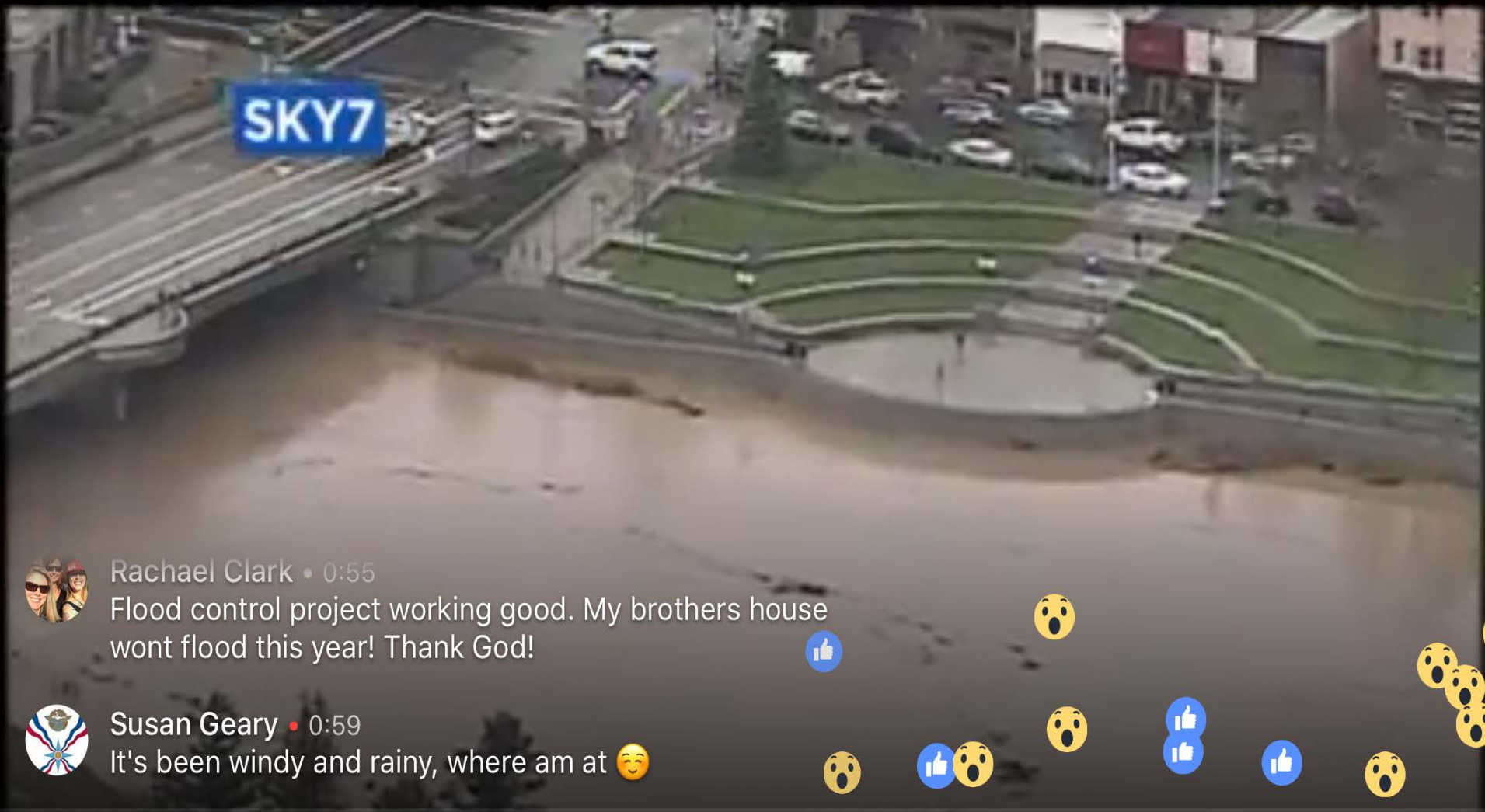
Mona Gray • 0:19  
Where

Izzy Arias • 0:23  
Napa





# Veterans Park Floodwall



Rachael Clark • 0:55

Flood control project working good. My brothers house wont flood this year! Thank God!

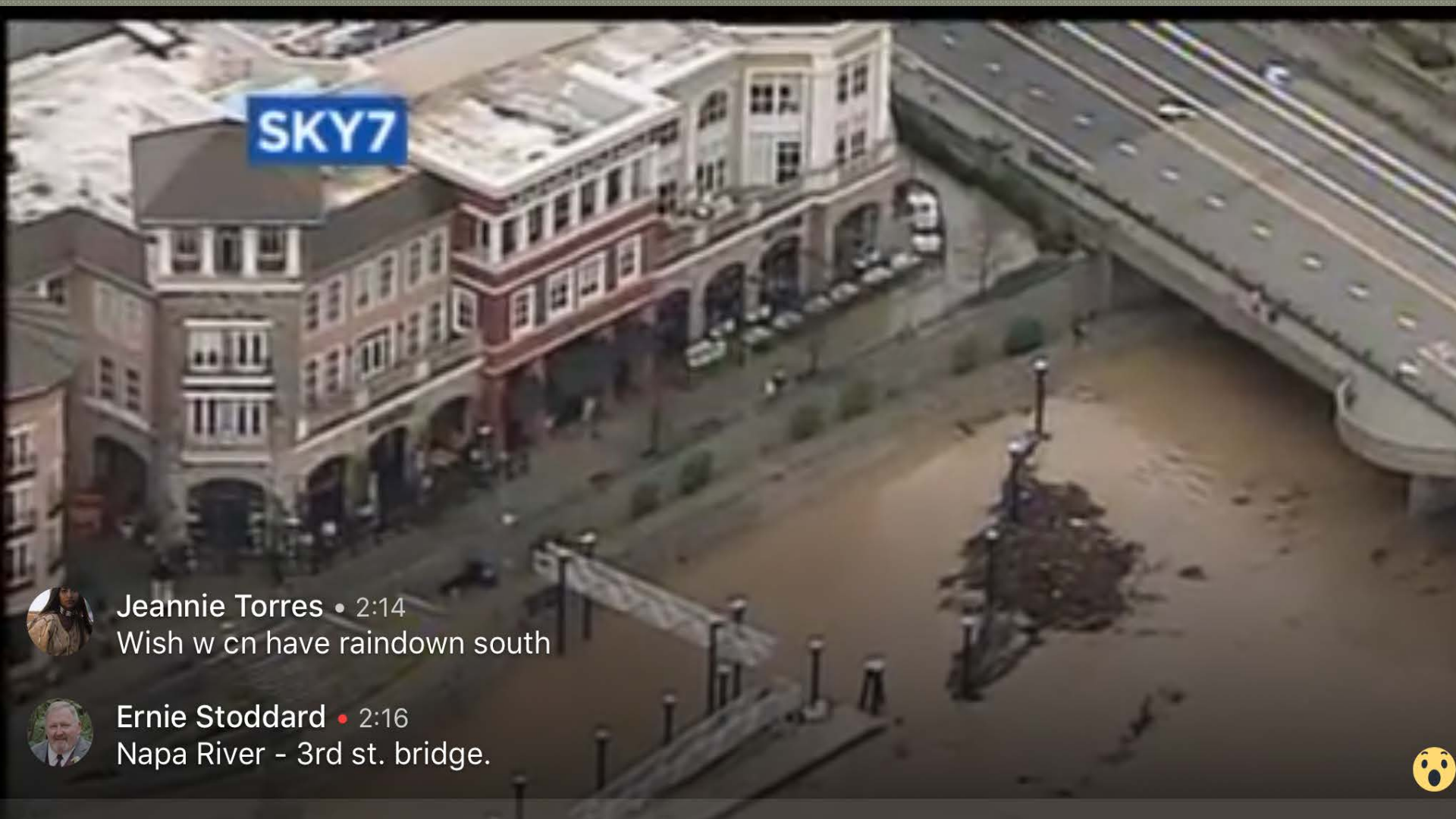


Susan Geary • 0:59

It's been windy and rainy, where am at 🤔



# Riverfront and Boat Dock



Jeannie Torres • 2:14  
Wish w cn have raindown south



Ernie Stoddard • 2:16  
Napa River - 3rd st. bridge.



# Napa Creek Upper Bypass Inlet



Julie Capito • 4:41  
I read low tide at 4 pm

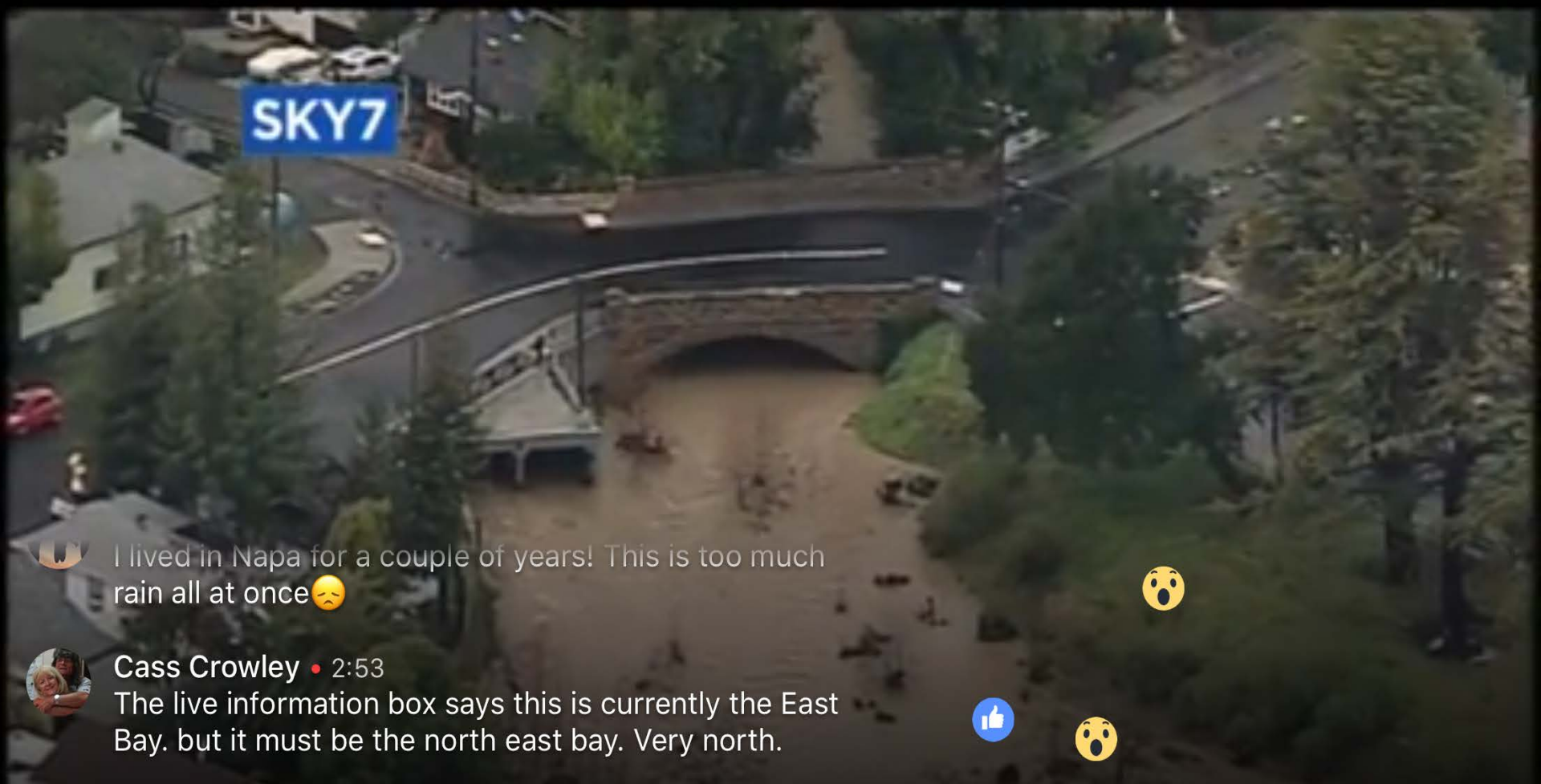


Lisa Sylvan • 4:43  
God bless the world






# Napa Creek Upper Bypass Outlet



 I lived in Napa for a couple of years! This is too much rain all at once 🙄



 **Cass Crowley** • 2:53  
The live information box says this is currently the East Bay, but it must be the north east bay. Very north.



# Napa Creek at Berhens Bridge

SKY7



Julie Lovie • 2:53  
Wait for High Tide.



Emanuel E. Hernandez • 2:54  
Yall wanted water





# Napa Creek Flood Terraces

SKY7



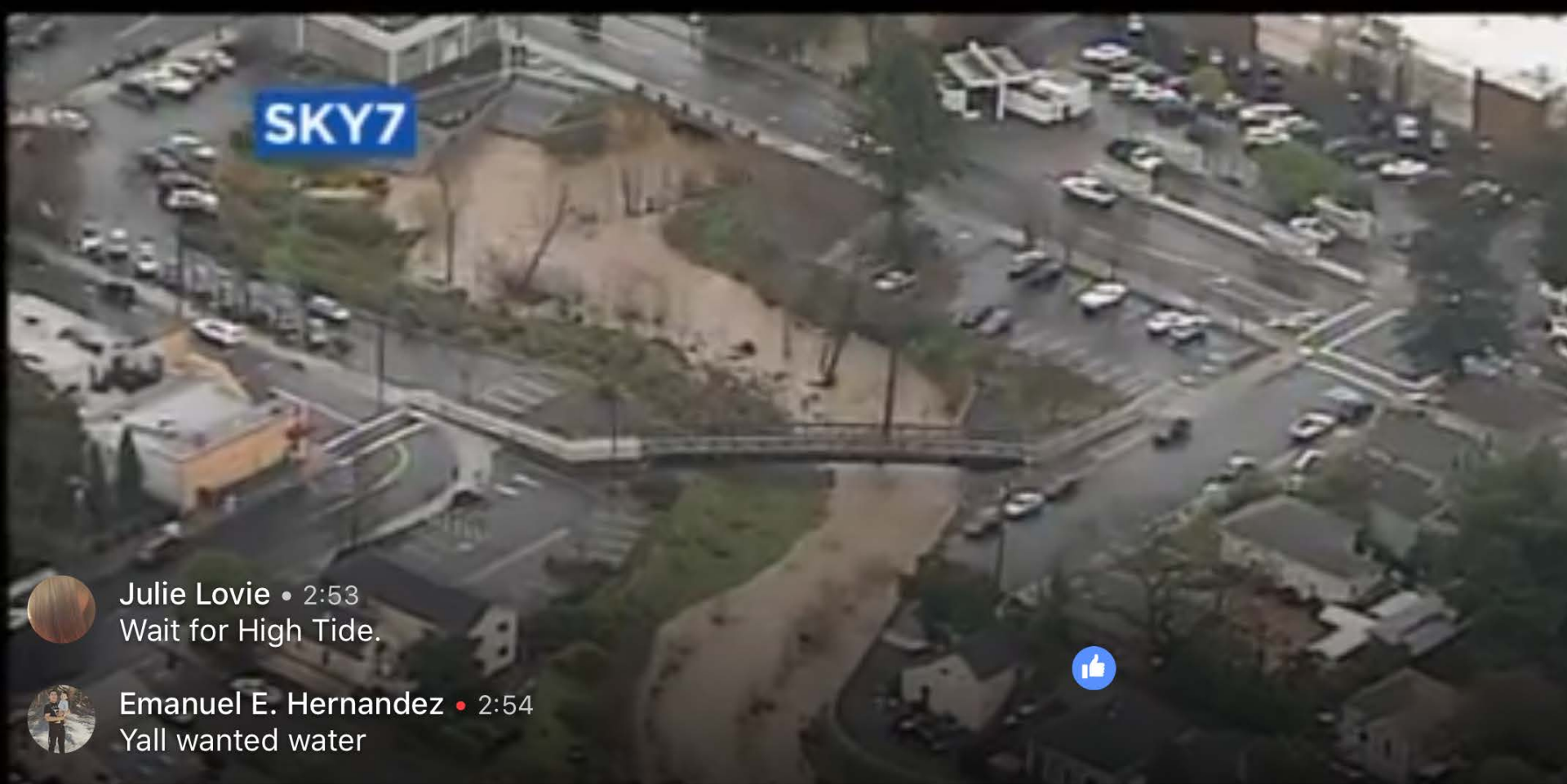
Julie Lovie • 2:53  
Wait for High Tide.



Emanuel E. Hernandez • 2:54  
Yall wanted water



# Napa Creek Lower Bypass Inlet



Julie Lovie • 2:53  
Wait for High Tide.



Emanuel E. Hernandez • 2:54  
Yall wanted water





# Napa River Eastbank Flood Terraces



AJ Garcia • 6:05  
Ela, downtown Napa



Craig Waugh • 6:11  
Where is this

# Napa Yacht Club/SWOA

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An aerial photograph showing a large, calm body of water, likely a bay or harbor. A narrow, winding path or causeway extends from the left side into the water. In the center-right, there is a small, green, irregularly shaped island or peninsula. The water is a light brownish-grey color. A blue rectangular box with the text 'SKY7' is overlaid on the left side of the image.

SKY7



Rachael Clark • 6:56  
Yacht club



Art Morgan • 6:59  
It is working just how it was designed to work



# Lower Promenade at Third Street





**Bypass at  
Peak  
Flow  
Monday  
January 9  
Midnight**



# Energy Dissipater after flows receded

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**McKinstry  
Street after  
flows receded**



# QUESTIONS

