



# Coyote Creek Flood Protection Project

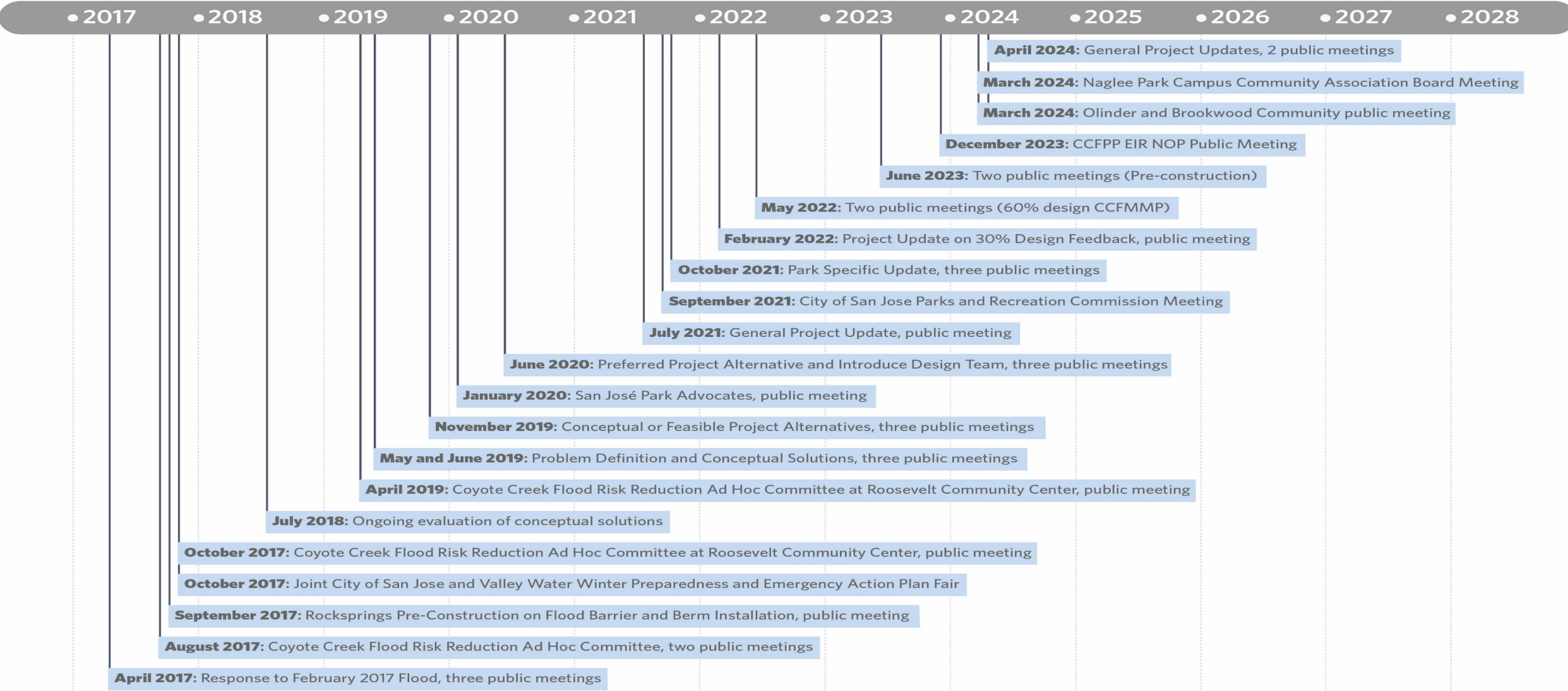
*Roosevelt Community Center  
April 17, 2024*

# Presentation Overview

- Recap of Past Meetings
- Project Objective
- Project Location
- Phase 2 – Project Overview
- Next Steps
- Phase 1 – Construction Progress



# Public Engagement

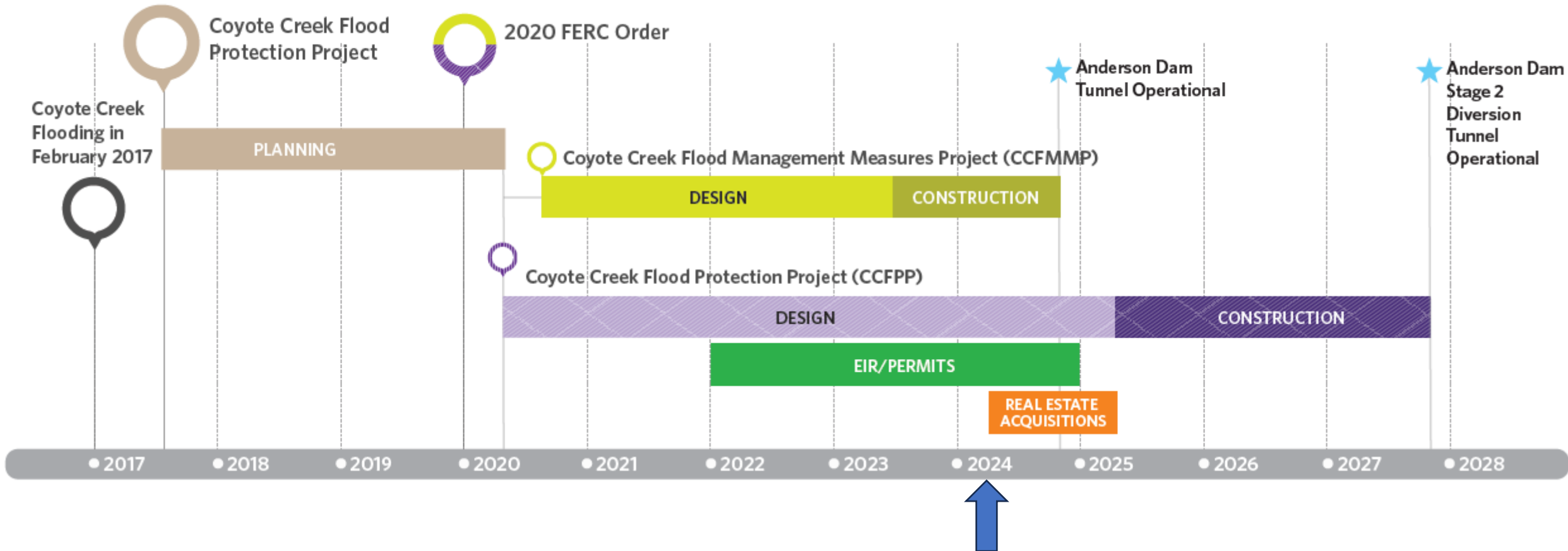


# Project Objective

Reduce risk of flooding to homes, schools, businesses, and transportation infrastructure from a flood event equivalent to the February 2017 event

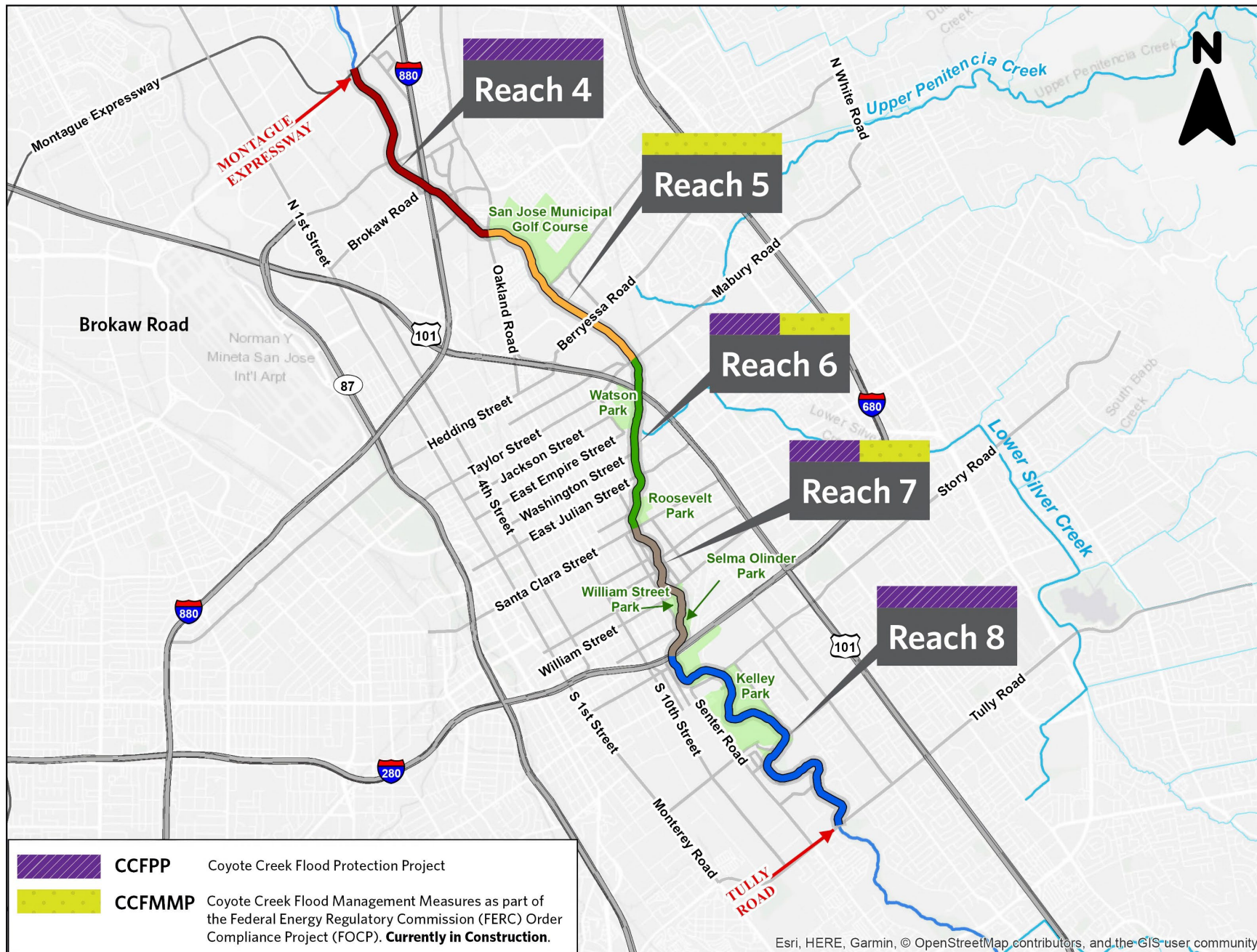


# Anderson/Coyote Timeline



# Project Area

- 9 Miles
- Coyote Creek Flood Management Measures Project (Phase 1)
  - Reaches 5, 6 and 7
  - In Construction
- Coyote Creek Flood Protection Project (Phase 2)
  - Reaches 4, 6, 7 and 8
  - In Design



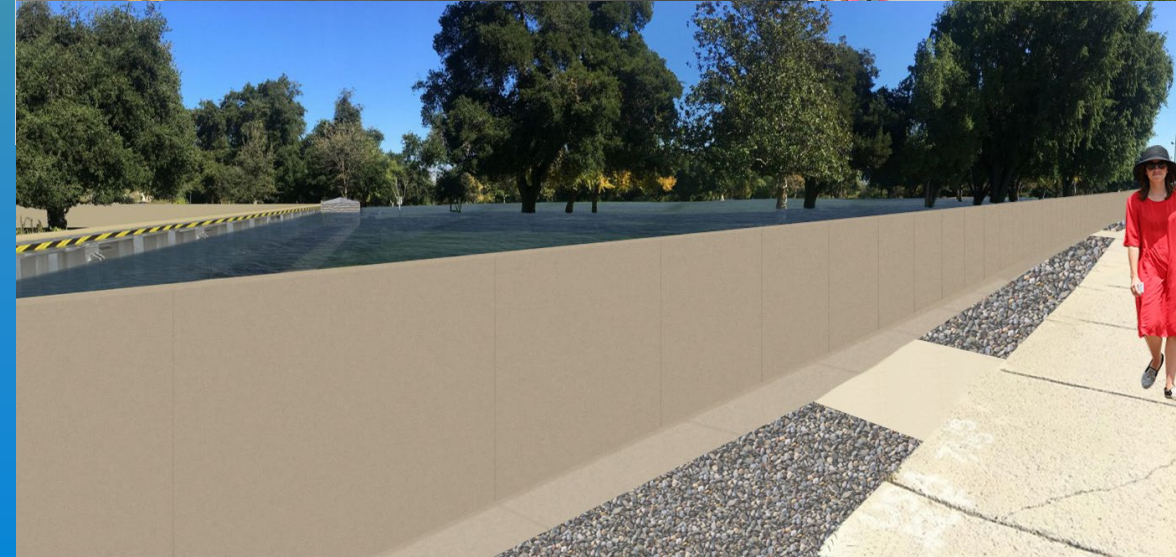
# Project Elements

- Floodwalls
  - Vertical walls that contain and redirect flood flows
  - Sheet pile floodwalls with cut off walls below ground
  - Or reinforced concrete floodwalls
- Passive Barriers
  - Hidden below the ground until flood conditions trigger deployment
- Berms
  - Ridges or embankments that contain and redirect flood flows



# Passive Barrier

- Watson Park, William Street Park and Selma Olinder Park and other locations
- Automatically rise from the ground during flood events
- Embedded in the ground when not deployed, providing a level surface for other uses (e.g., roadways, sidewalks)
- Heights range from 5 to 8 feet above the ground surface when deployed





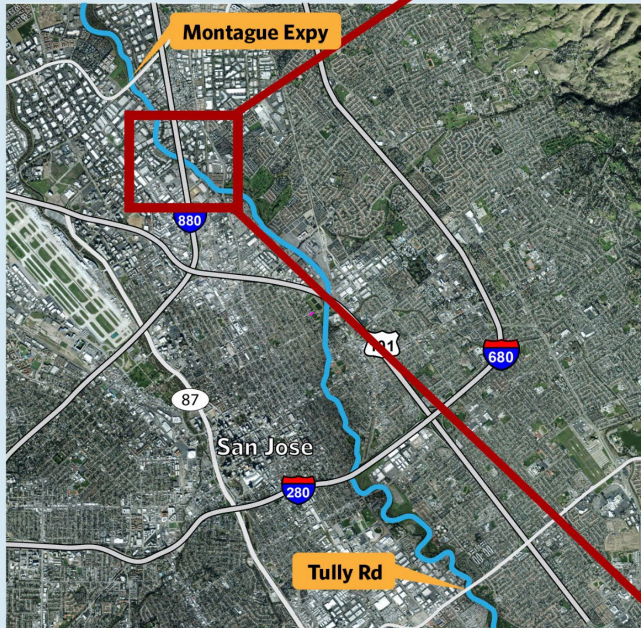
# Passive Barrier



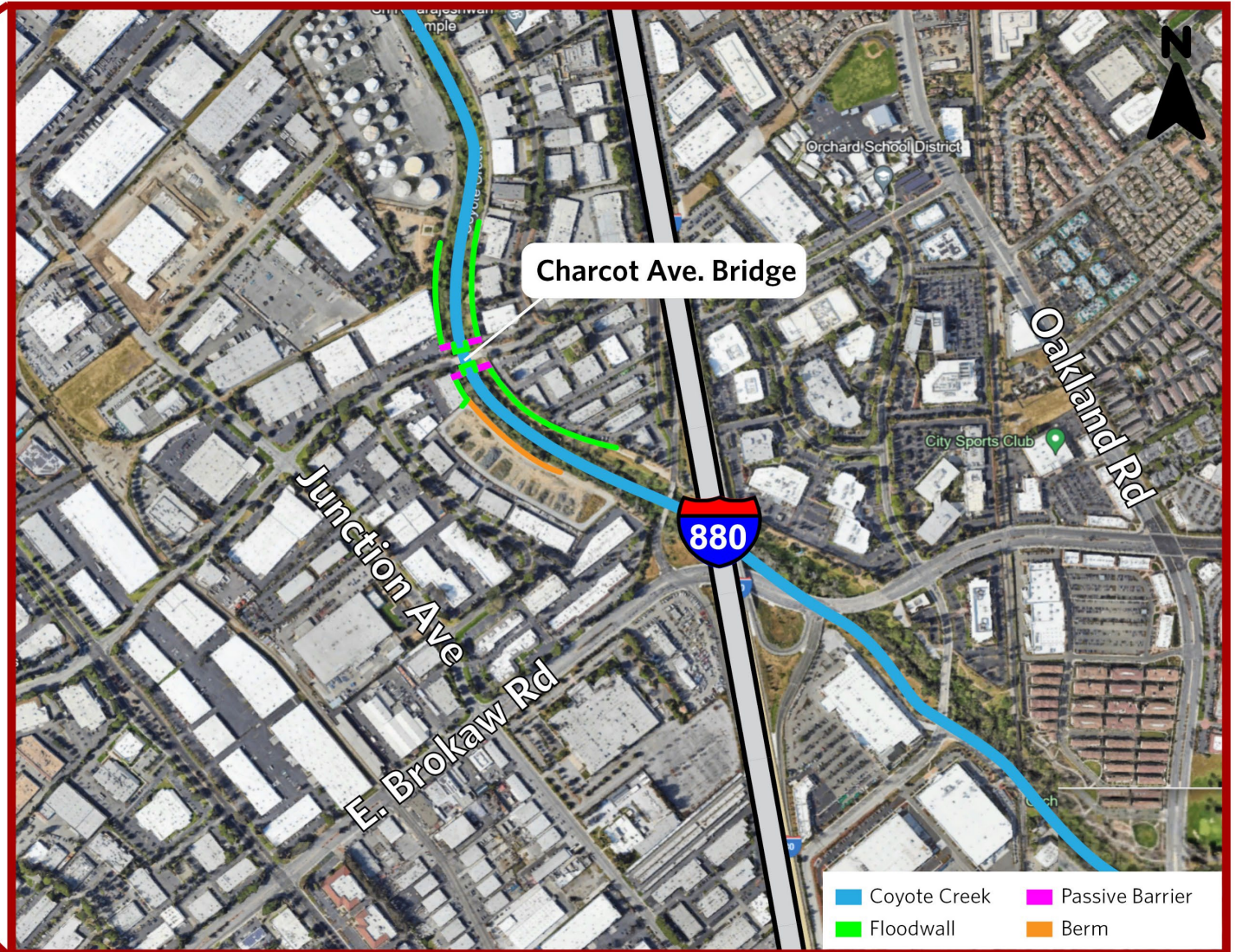
# Project Elements

## REACH 4

Install floodwalls and berms along Coyote Creek and add new headwalls on Charcot Ave. Bridge to prevent flooding of the surrounding areas.



Key Map

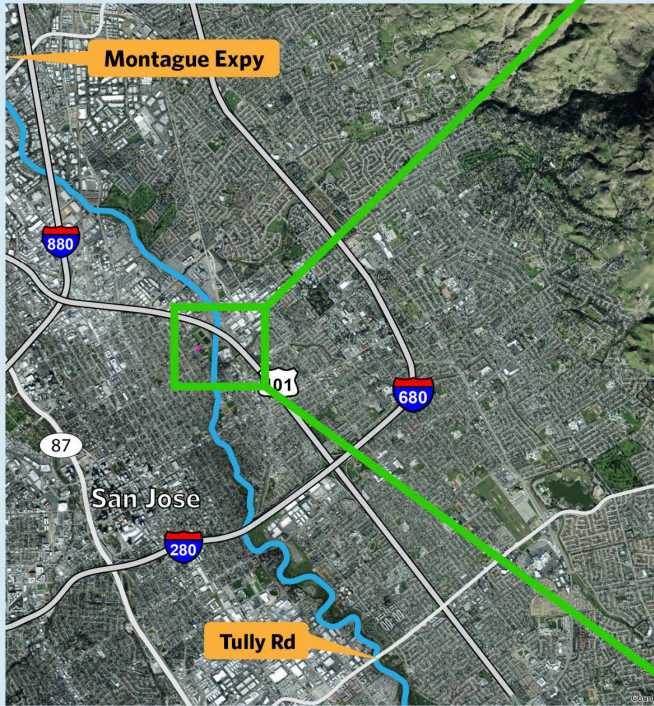


Reach 4 Project Area

# Project Elements

## REACH 6

Install floodwalls, berm, and passive barrier to protect residential, businesses and industrial areas.






Key Map



Reach 6 Project Area

- Coyote Creek Flood Management Measures Project (CCFMMP). **Currently in Construction.**
- Coyote Creek
- Floodwall
- Passive Barrier
- Berm

# Watson Park

-  Flood Wall
-  Passive Barrier
-  Berm



# Watson Park – Existing Conditions



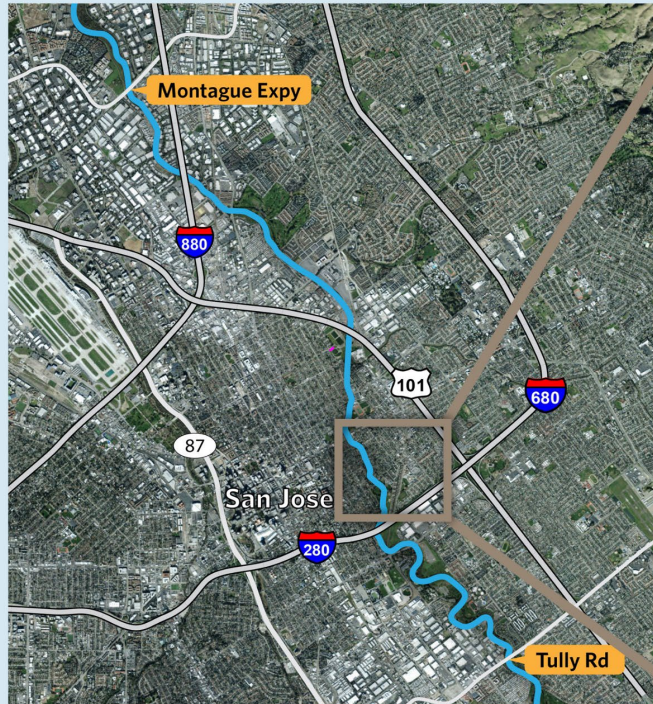
# Watson Park – Post Project



# Project Elements

## REACH 7

Install floodwalls, passive barriers, and berms to protect residential, businesses and industrial areas.



Key Map



Reach 7 Project Area

- Coyote Creek Flood Management Measures Project (CCFMMP).  
**Currently in Construction.**
- Coyote Creek
- Floodwall
- Passive Barrier
- Berm

# William Street Park

 Flood Wall

 Passive Barrier





# William Street Park - Existing Conditions (S 16<sup>th</sup> Street)



# Williams Street Park- Passive Barrier Down



# William Street Park with Raised Passive Barrier



# William Street Park - Existing Conditions (E William Street)






# William Street Park (E William Street) with floodwall

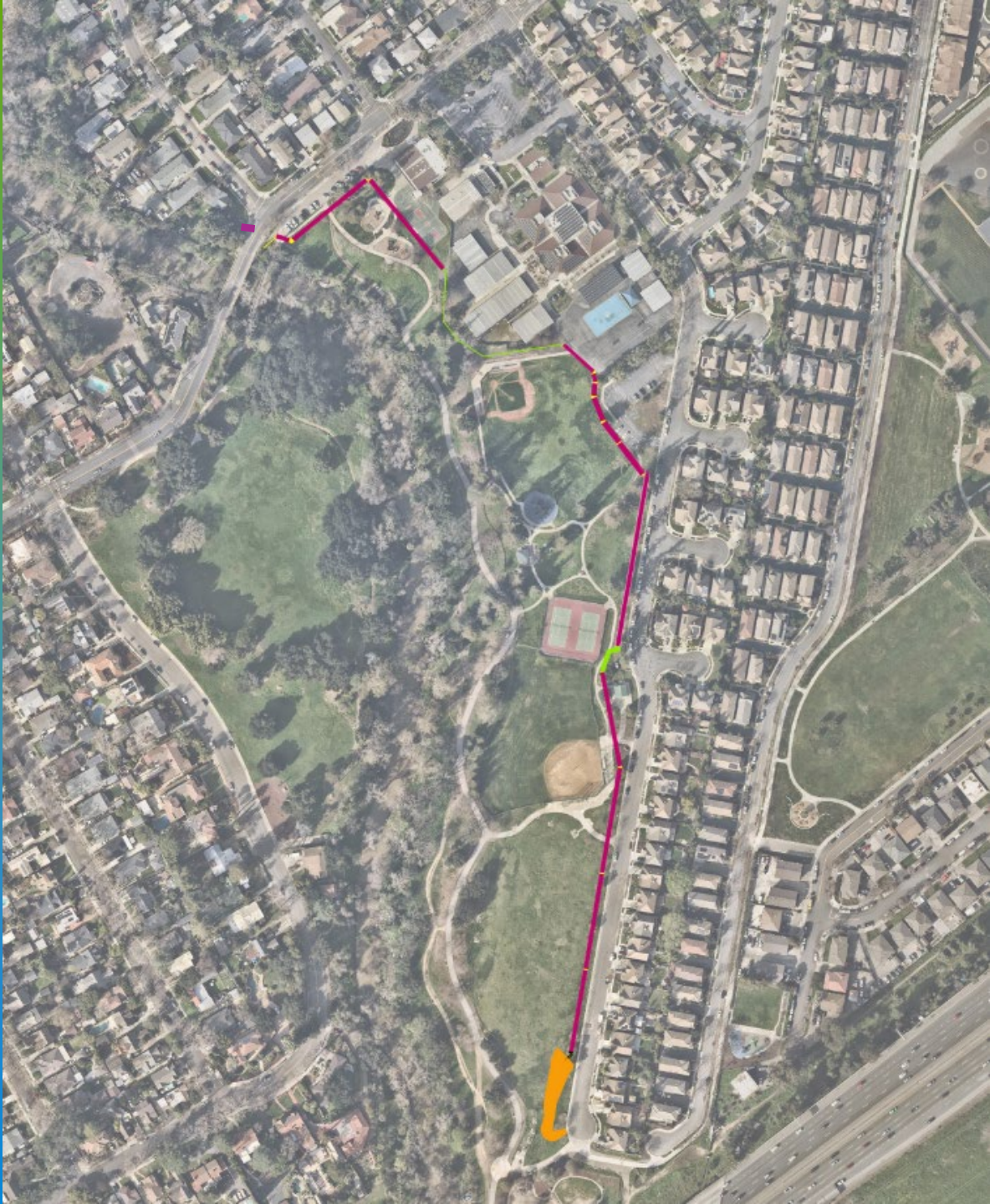


# William Street Park (E William Street) with floodwall and Passive Barrier



# Selma Olinder Park

-  Flood Wall
-  Passive Barrier
-  Berm



# Selma Olinder Park with lowered passive barriers (E William Street)





# Selma Olinder Park with raised passive barriers (E William Street)



# Selma Olinder Park, Woodborough Drive - existing condition



# Selma Olinder Park, Woodborough Drive – lowered passive barrier



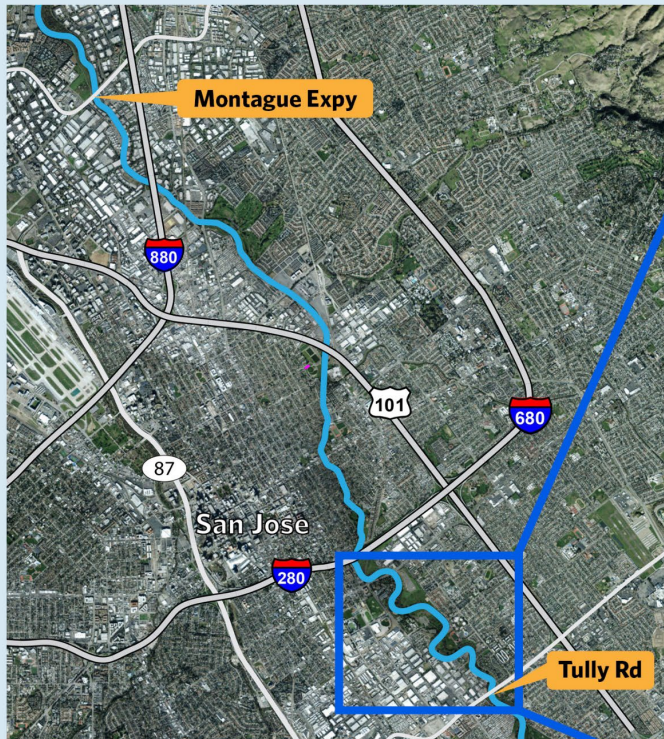
**Selma Olinder Park, Woodborough Drive - with raised passive barriers**



# Project Elements

## REACH 8

Install floodwalls and a berm to protect residential, businesses and industrial areas.



Key Map



Reach 8 Project Area

- Coyote Creek
- Berm
- Floodwall

# Rocksprings Park

 Flood Wall

 Berm



Existing



# Rocksprings Park



# Kelley Park

 Flood Wall





# Kelley Park



# Additional Information

[www.Valleywater.org/coyote-creek](http://www.Valleywater.org/coyote-creek)

## E1: Coyote Creek Flood Protection\*

Select a Creek & River Project

### About This Project

This project is to plan, design and construct improvements along approximately nine (9) miles of Coyote Creek, between Montague Expressway and Tully Road, in San José. The primary objective is to provide protection from floods up to the level that occurred on February 21, 2017, equivalent to approximately a 5% flood (20-year event). In December 2019, the Valley Water Board of Directors voted to allocate local funding for construction of the preferred project; however, Valley Water is also exploring additional external funding sources and partnership opportunities.

Since 2017, Valley Water has implemented several short-term interim projects to help reduce the risk of flooding along Coyote Creek. These include the installation of an interim floodwall and embankment along the creek in the Rock Springs community. This structure protects the Rock Springs community from a flood event equivalent to the February 2017 flood. Other interim projects include repairing a 150-foot levee adjacent to the South Bay Mobile Home Park, installing flood gauges on bridges that provide real-time visual information on water levels and removing invasive vegetation from Valley Water and City property in parts of the creek that experienced the most flooding.



\*This project was voter approved as part of the Safe, Clean Water and Natural Flood Protection Program.

#### Status

Active; Adjusted

#### Phase

Design

#### Location

San José

#### Schedule

Start FY 2022 / Finish  
FY 2028

#### Funding

Safe, Clean Water  
Fund (\$209.7 million)

# Next Steps

- 90% Design – May 2024
- Final Design – October 2024
- Draft EIR for Public Review – June 2024
- Public Meeting (Draft EIR) – June 2024
- Pre-Construction Public Meeting – Spring 2025
- Construction Start – Spring/Summer 2025
- End of Construction – Late 2027
- Ongoing plant monitoring – 3 years following construction

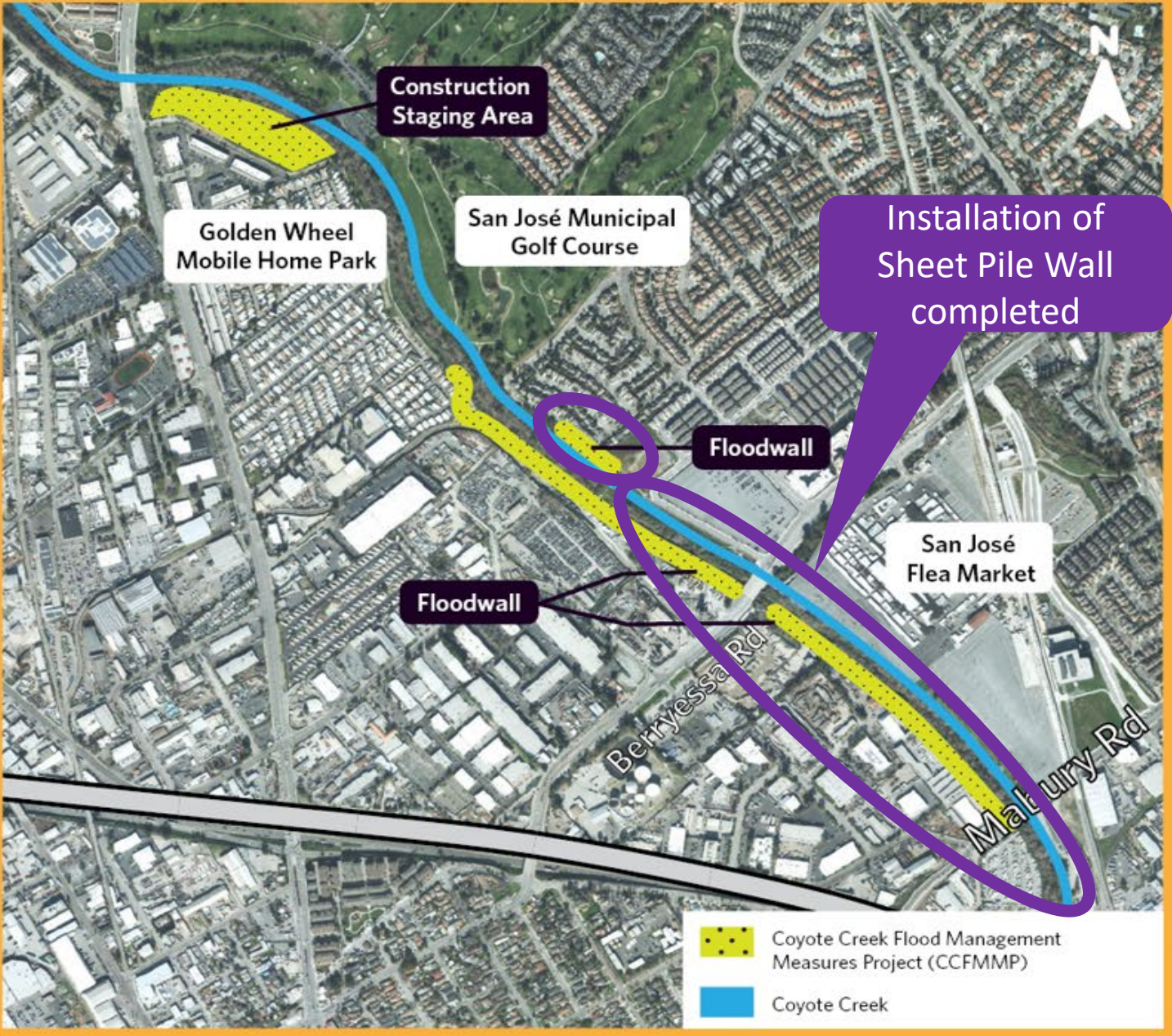
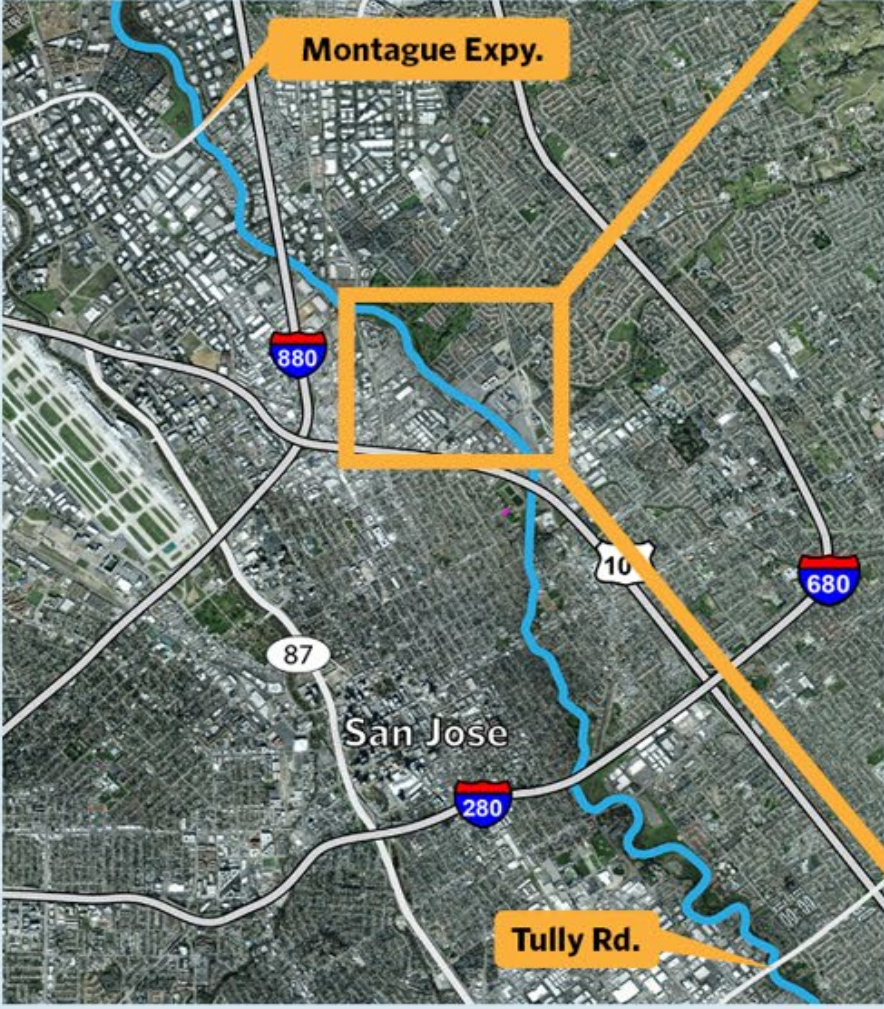


# Coyote Creek Flood Management Measures Project – Construction Update

# Construction Progress – Phase 1

## REACH 5

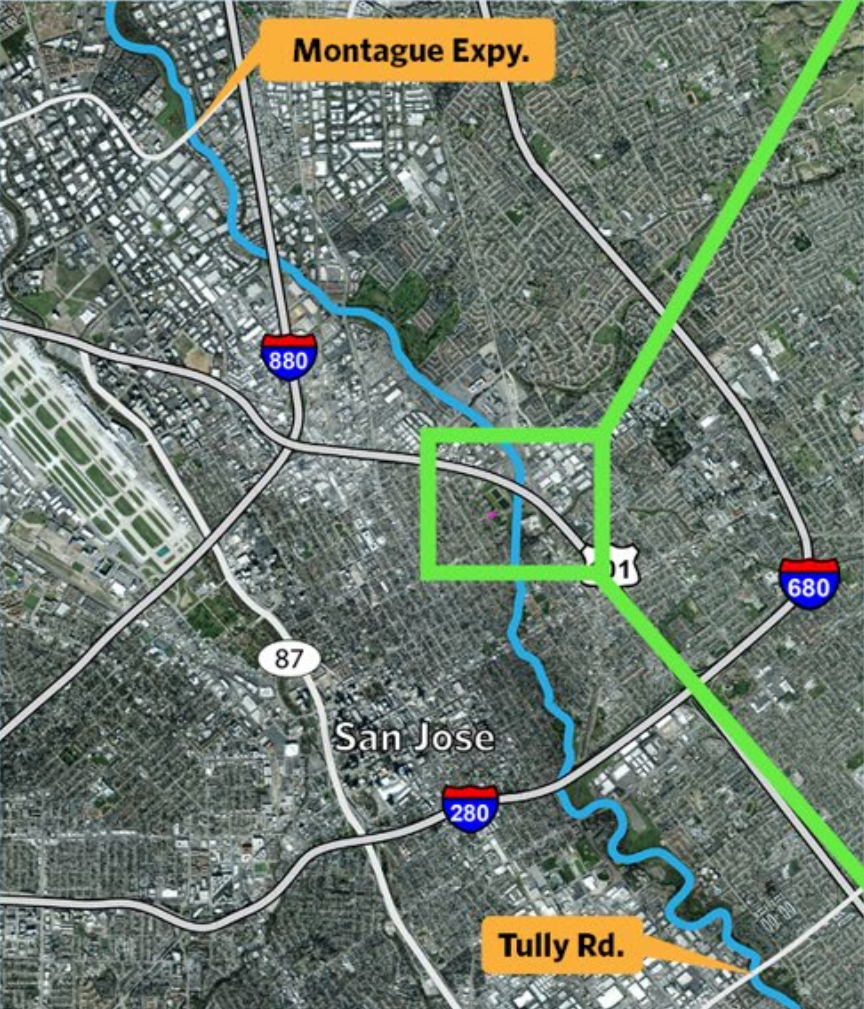
Install floodwalls to protect residential, businesses and industrial areas.



# Construction Progress – Phase 1

## REACH 6

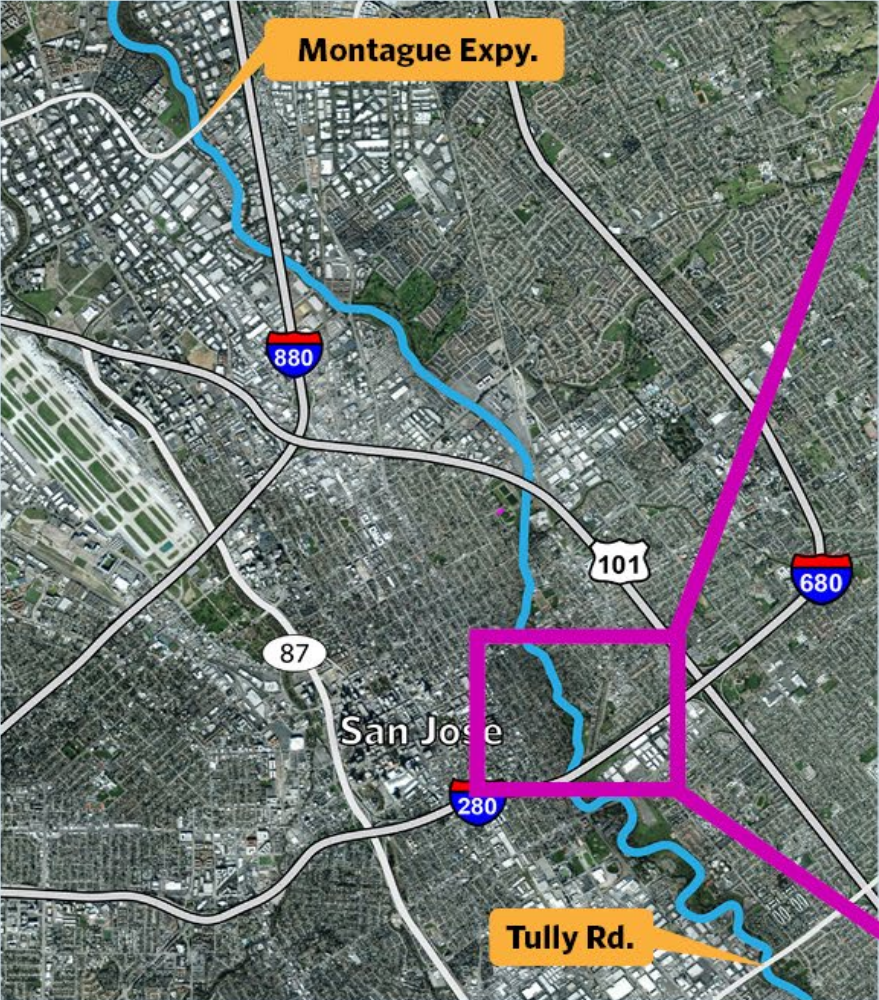
Install floodwalls to protect residential, businesses and industrial areas.



# Construction Progress – Phase 1

## REACH 7

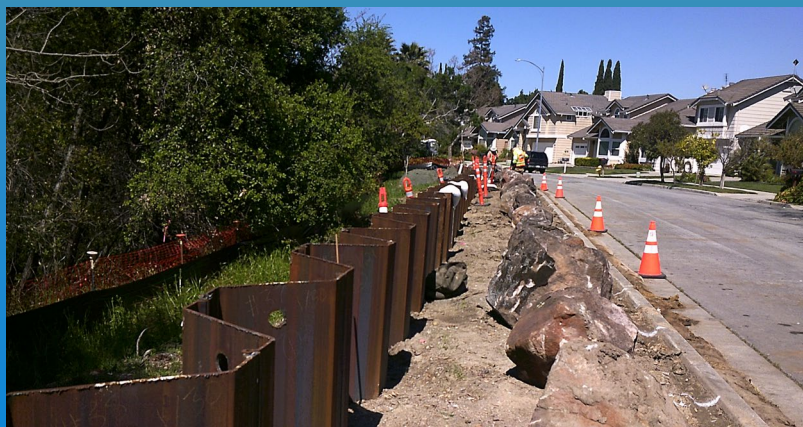
Install floodwalls to protect residential, businesses and industrial areas.



# Construction Photos







# Construction Photos

Updates  
Available  
Online

SCAN THE QR CODE:



Or visit this website:  
[delivr.com/2dvgj](https://delivr.com/2dvgj)

# END OF PRESENTATION

## Questions & Answers





# Valley Water

Clean Water • Healthy Environment • Flood Protection