



CALIFORNIA
High-Speed Rail Authority

CP 2-3 Update

Kings County Board of Supervisors

October 15, 2024

Today's Agenda:

- Welcome & Introductions
- Program Update
- Construction Updates
- Station Planning – Lacey Roundabout
- Corcoran Park Partnering – Veteran's Memorial
- Partnering on Flooding



Where We Are Today

- 119 Miles Under Construction
- 52 miles under advanced design (north into Merced and south into Bakersfield)
- Environmentally Clearing 494 Miles Between San Francisco and Los Angeles Basin
 - 463 Miles Environmentally Cleared To-Date
- Bookend Projects:
 - Caltrain Electrification
 - Los Angeles Union Station Improvements
 - Statewide Grade Separations
- Station Design for four Central Valley Stations
 - Merced, Fresno, Kings/Tulare and Bakersfield



119 Miles in Construction

Construction Package 1

- Avenue 19 in Madera County to just south of American Avenue in Fresno County (32 miles)
- Tutor-Perini/Zachary-Parsons (TPZP)

Construction Package 2-3

- South of Fresno to one-mile north of the Tulare/Kern County line (65 miles)
- Dragados-Flatiron JV (DFJV)

Construction Package 4

- From one mile north of the Tulare/Kern County Line to Poplar Avenue (22 miles)
- California Rail Builders (CRB)



Program Benefits

- 14,000+ Construction Jobs Created Since Construction Began
 - » 1,500+ Construction Workers Dispatched to Sites Daily
 - » 25+ Active Construction Sites
 - » 75% Workers from Disadvantaged Communities
- Central Valley Training Center
 - » Program created in City of Selma to provide pre-apprentice, construction industry training
 - » 206 students have graduated the program
- 847 Small Businesses on HSR
 - » 226 in Central Valley



Central Valley Training Center

- No-cost, pre-apprenticeship training program
- Provides hands-on construction industry training for those looking to work on the HSR project.
- 206 Graduates to date
- Aimed at serving veterans, at-risk young adults, minority, & low-income populations in the Central Valley.
- Students learn 10+ different construction trades from journeyman-level experts.
- Graduates exit with several industry-specific certifications and job placement assistance.



Work in Fresno, Kings and Tulare Counties

Construction Package 2-3 extends 65 miles from American Avenue in Fresno County to one-mile north of the Tulare-Kern County line.

Design-build contractor Dragados-Flatiron Joint Venture (DFJV) is responsible for the build out of multiple structures including:

- » 5 Large viaducts;
- » Overpasses and grade separations.

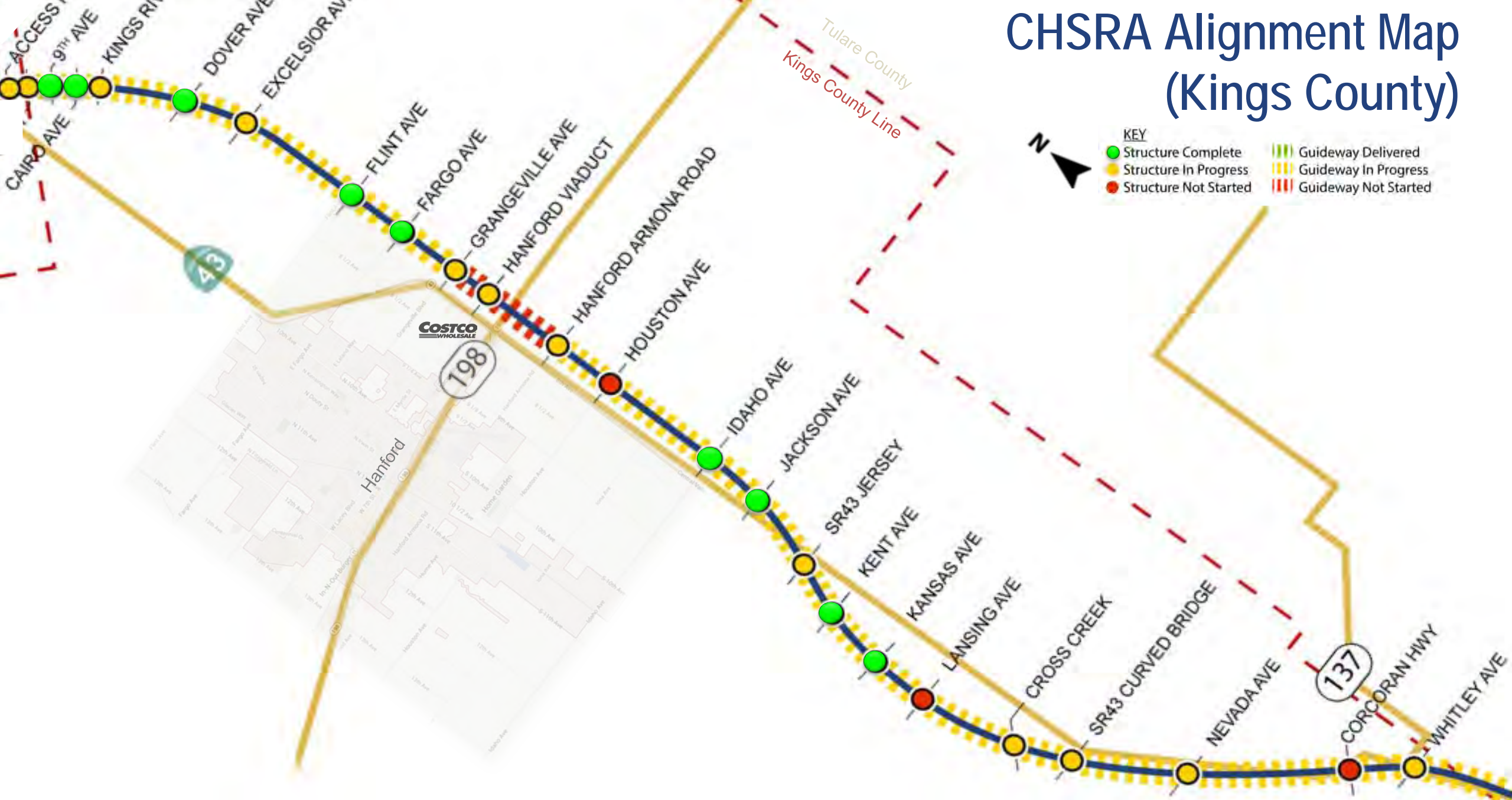


Conejo Viaduct, Fresno County



Hanford Viaduct, Kings County

CHSRA Alignment Map (Kings County)



What is a Grade Separation?

- A grade separation is a roadway that is realigned over or under a railway to eliminate hazards.
- Benefits of grade separations include:
 - Improved safety
 - Reduced noise (no train horns)
 - Decreased traffic congestion
 - Reduction in greenhouse gas emissions from idling vehicles.
- In order to improve safety across the high-speed rail alignment in the Central Valley, 55 existing railroad grade crossings with existing freight service will be eliminated.



Flint Avenue Grade Separation, Kings County

Grade Separation (Structure) Types

- Type 1 Structures carry HSR Trains over traffic. (Including the Hanford Viaduct)

- Type 2 Structures carry Traffic over HSR Tracks.



9th Ave Grade Separation

Completed: Q3 2024
Type 1 Structure: Carries HSR over traffic



Cairo Grade Separation

Completed: Q3 2024
Type 1 Structure: Carries HSR over traffic



Kings River Bridge

Status: Crews are working on Bent Caps. Tub Girders to be set 11/2024.
Scheduled to Complete: Q3 2025



Dover Ave Grade Separation

Status: Bridge Completed Open to Traffic - Q2 2023
8th Ave Ramp Scheduled to Complete: Q1 2025



Excelsior Ave Grade Separation

Status: Structure currently complete. Once opened to traffic - will take traffic over future HSR tracks.

Scheduled Completion: Q4 2025



Flint Ave Grade Separation

Completed: Q4 2023



Fargo Ave Grade Separation

Status: 85% complete
Schedule to complete: Q4 2024



Grangeville Blvd Grade Separation

Status: Upcoming Major Activity
Scheduled Start: Q4 2025



Hanford Viaduct

Conceptualized rendering

Hanford Viaduct

Status: 75% complete (852 of 978 Girders set to date)
Schedule to complete: Q4 2025



Hanford Armona Road Grade Separation

Status: DOT Embankments are in settlement.
Schedule to complete: Q3 2025



TriCal
Facility
(Chip Mello)

Kennies
Indoor
Comfort
Specialist

- FLINT AVE
- FARGO AVE
- GRANGEVILLE AVE
- HANFORD VIADUCT
- HANFORD ARMONA ROAD**
- HOUSTON AVE
- IDAHO AVE
- JACKSON AVE
- SR43 JERSEY
- KENT AVE
- KANSAS AVE

Houston – Utility Work

Houston Ave Closure: forecasted for Q3 2025



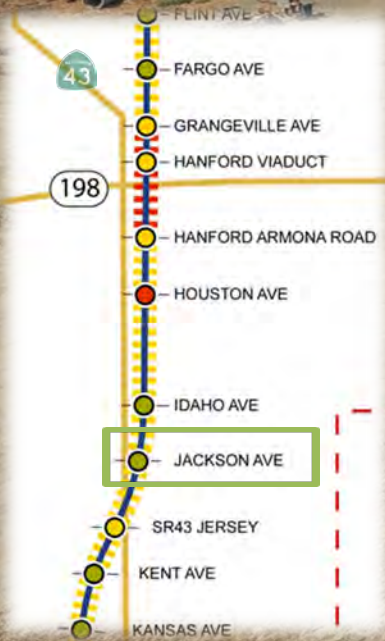
Idaho Ave Grade Separation

Completed: Q2 2023



Jackson Ave Grade Separation

Status: Completed Q3 2022



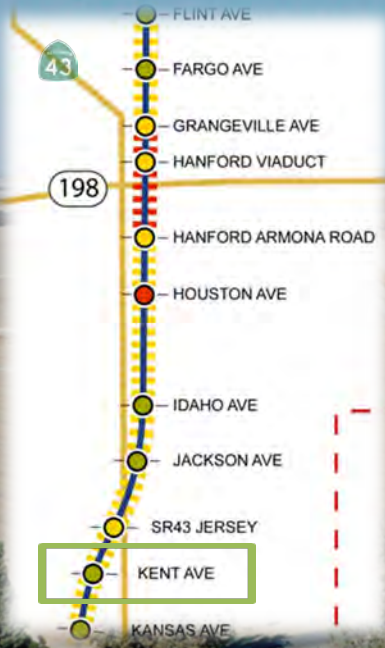
Jersey Ave

Status: Embankments are constructed.
Schedule to complete: Q1 2026



Kent Ave Grade Separation

Status: Completed Q3 2022



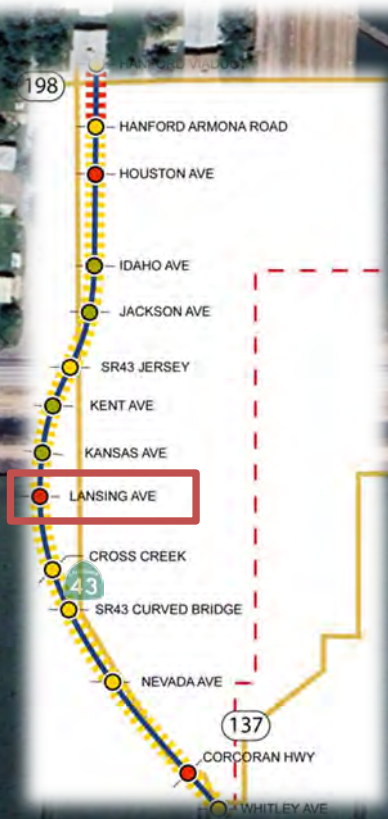
Kansas Ave Grade Separation

Status: Completed Q4 2023



Lansing Ave

Status: Upcoming Major Activity (Pending Salvador Ditch North Relocation)
Scheduled Start: Q1 2025



Proposed condition

Cross Creek

Status: All foundation CIDH piles are completed.
Schedule to complete: Q3 2025



Curved Bridge

Status: South embankment in settlement.
North embankment work is ongoing
Schedule to complete: Q2 2026



Nevada Ave

Status: Crews currently working on Sweet Canal at Nevada Ave

Future Activities: Small structure for Access: Kings Waste and Recycle. Cul-de-sac.

Schedule to complete: Q2 2026



Proposed Condition

Corcoran Hwy Grade Separation

Status: DOT Embankment work ongoing
Schedule to complete: Q2 2026

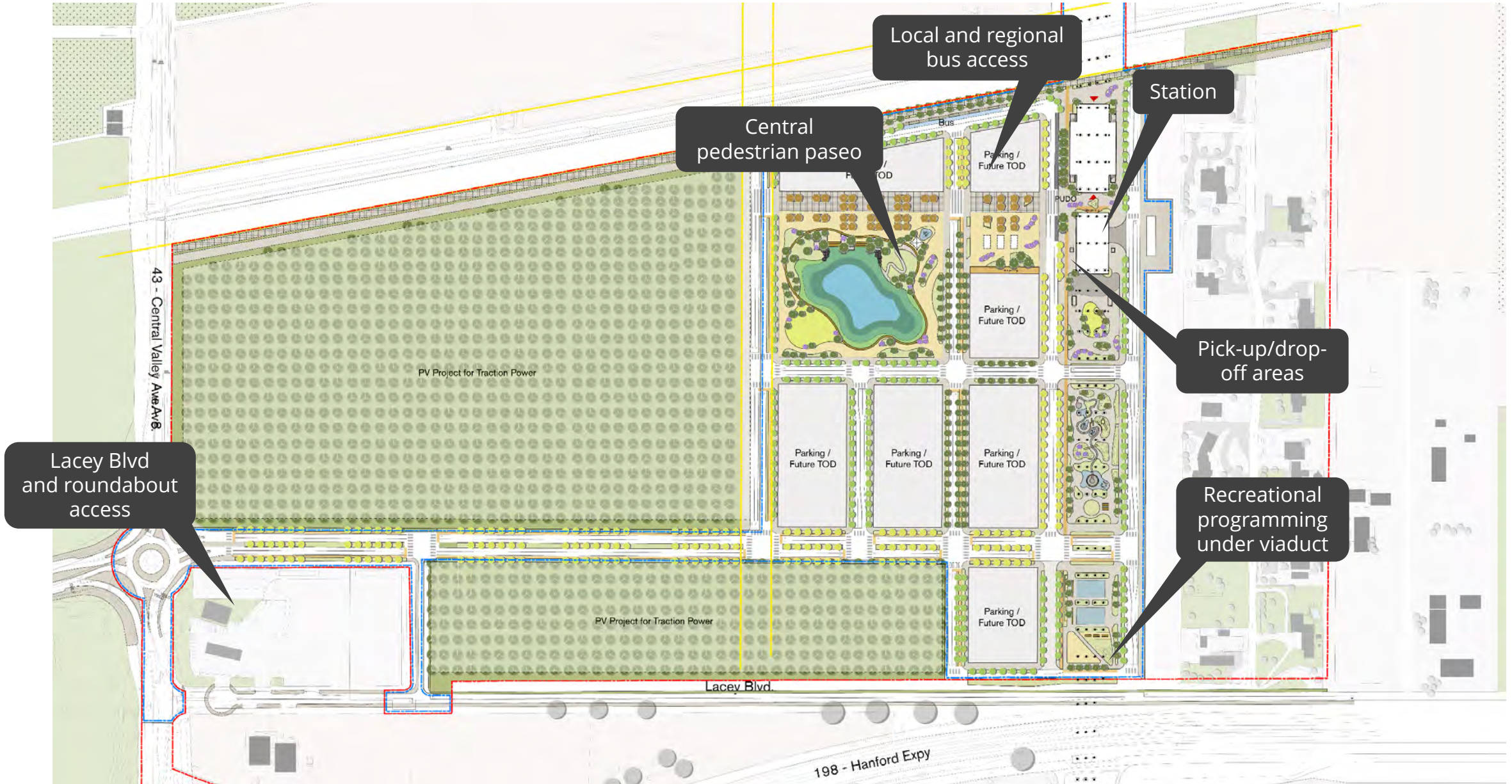


Whitley Avenue Underpass

Status: 80% complete
Schedule to complete: Q4 2024



Kings/Tulare Concept Plan Update



Corcoran Veterans Memorial in Corcoran's new Veteran's Park



April 17, 2023: HSR contractor, DFJV, had the honor in assisting Artists in placing the stones and statues for the Corcoran Veterans Memorial in Corcoran's new Veteran's Park.

April 29, 2023: Corcoran community held a dedication ceremony at the memorial. DFJV was present to provide a hydration station. Speakers included city leaders, veterans and HSR representatives.

Partnering on Flooding

Background: In late 2022 and early 2023 Authority and DFJV partnered with state, local agencies, and emergency responders by providing materials, equipment, and technical support to help impacted communities recover from the historic flooding.



Efforts included:

- Construction equipment to repair breached levees
- Material to raise roadways above the floodwaters
- Reopening roadways (Whitley Ave) through high-speed rail construction sites to create additional access to communities cut off by floodwaters
- Diverting water into areas under the control of the Authority to reduce flood risk to communities
- Assisting local agencies in closing flooded roads to keep the public safe.

QUESTIONS?

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and Build HSR California at [BuildHSR.com](https://www.BuildHSR.com)