



Mountain House Community Services District

Transportation Committee

April 25, 2023

# Discussion Topics

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- Grants Awarded
- Project updates
- Projects Under Consideration
- Future updates

# Grants Awarded

## Bike lanes in Great Valley Parkway, Arturo Blvd., Main St.

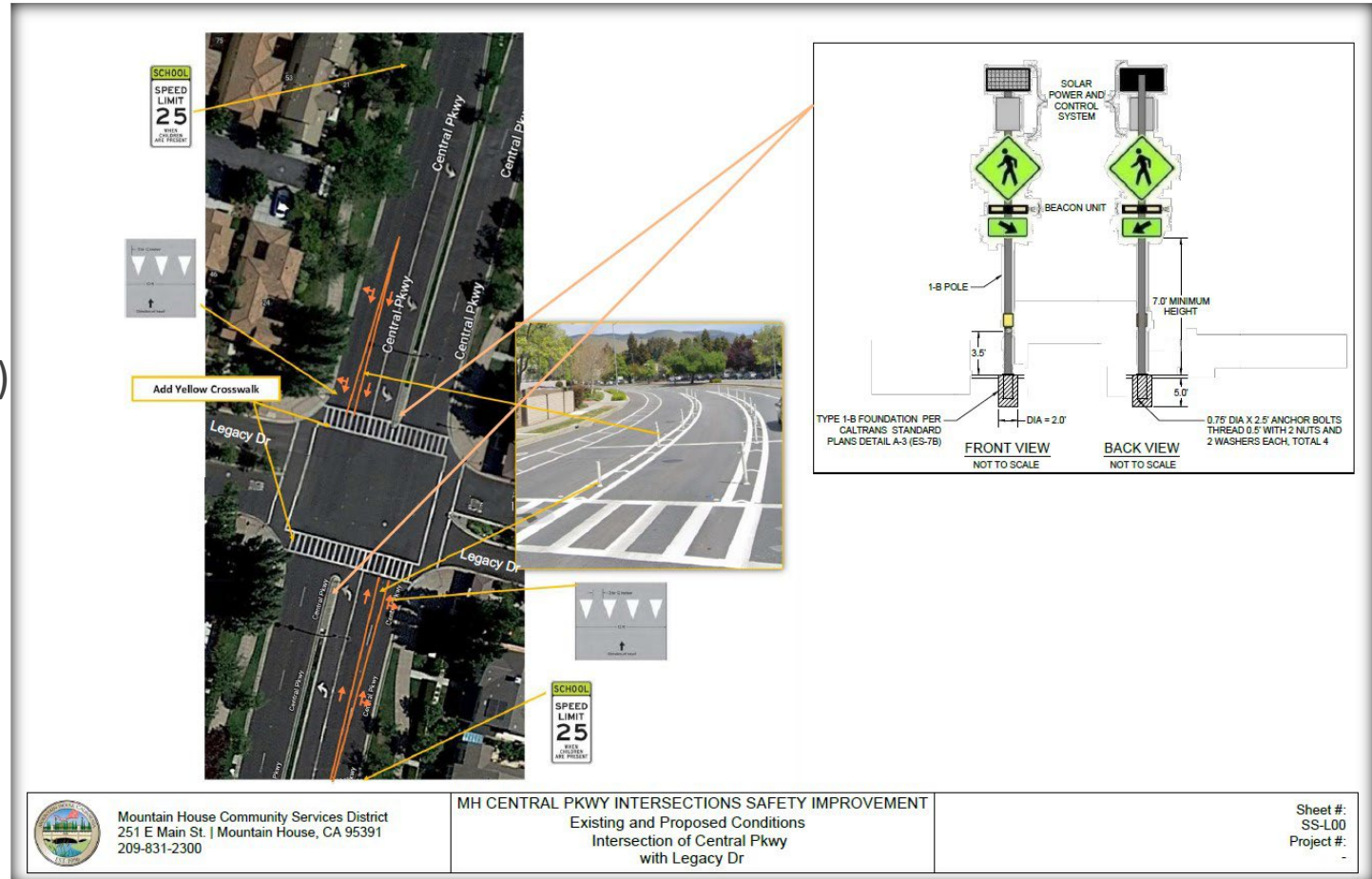
- Grants Awarded by Highway Safety Improvement Program-Caltrans
- Estimated cost of Construction \$662,000
- Grant Awarded \$249,930.



# Grants Awarded

Traffic Safety Improvements on Central Parkway at Legacy and Heritage Drive.

- Grants Awarded by Highway Safety Improvement Program-Caltrans
- Estimated cost of Construction \$151,000
- Grant Awarded \$135,900 (90%)



# Project Updates

## Public Works Project Updates

- Traffic Signal Synchronization project is at 65% design.
- Sign and striping at Railroad Crossings - complete
- Crosswalks on Marquis at Aventino Ave. - complete
- Traffic signs and Striping in Heritage Drive, south of Wicklund School - Complete
- Traffic Signs and Striping on Tramonto Drive - complete
- AMG completed Traffic Study at Aldrich and Walcott. The site condition does not meet all-way-stop warrants



Mountain House Map

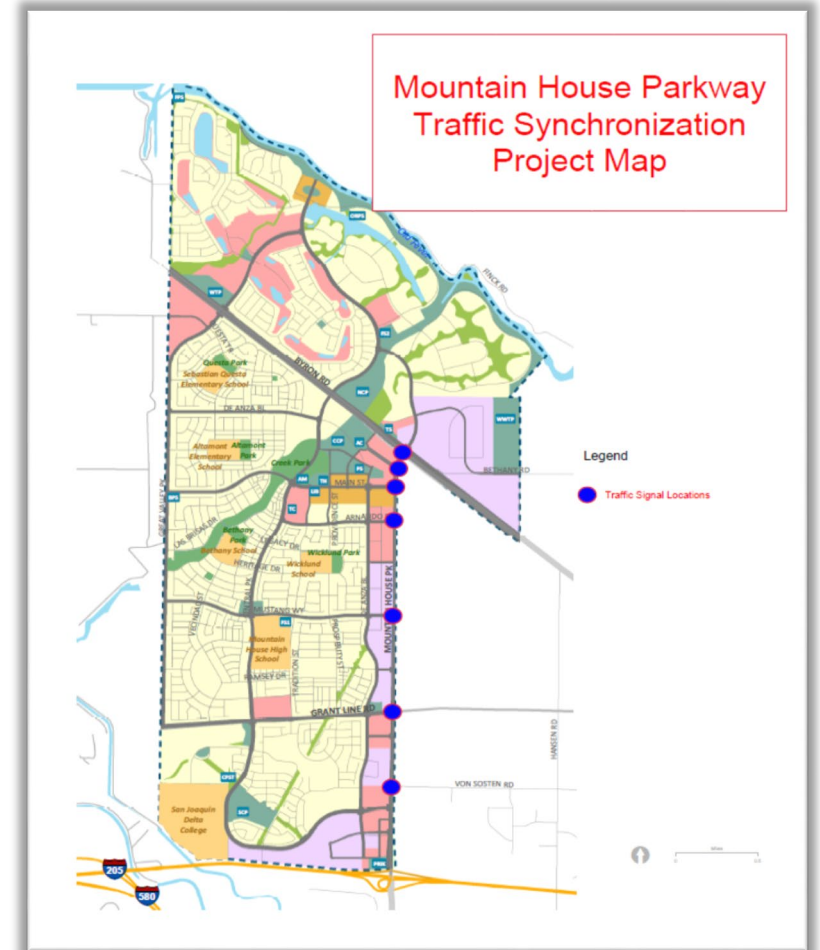
# Traffic Signal Synchronization

## Project Locations:

- Mountain House Pkwy from Von Sosten Road to Byron Rd.

## Status:

- In Design Phase. 65% Design is complete.



# Sign and Striping Neighborhoods and Railroad Crossings

## Project Locations (Railroad Crossings):

- (C1) Railroad Crossing At Kelso Rd.
- (C2) Railroad Crossing At Henderson Rd.
- (C3) Railroad Crossing At Wicklund Rd.

## Project Locations (Streets):

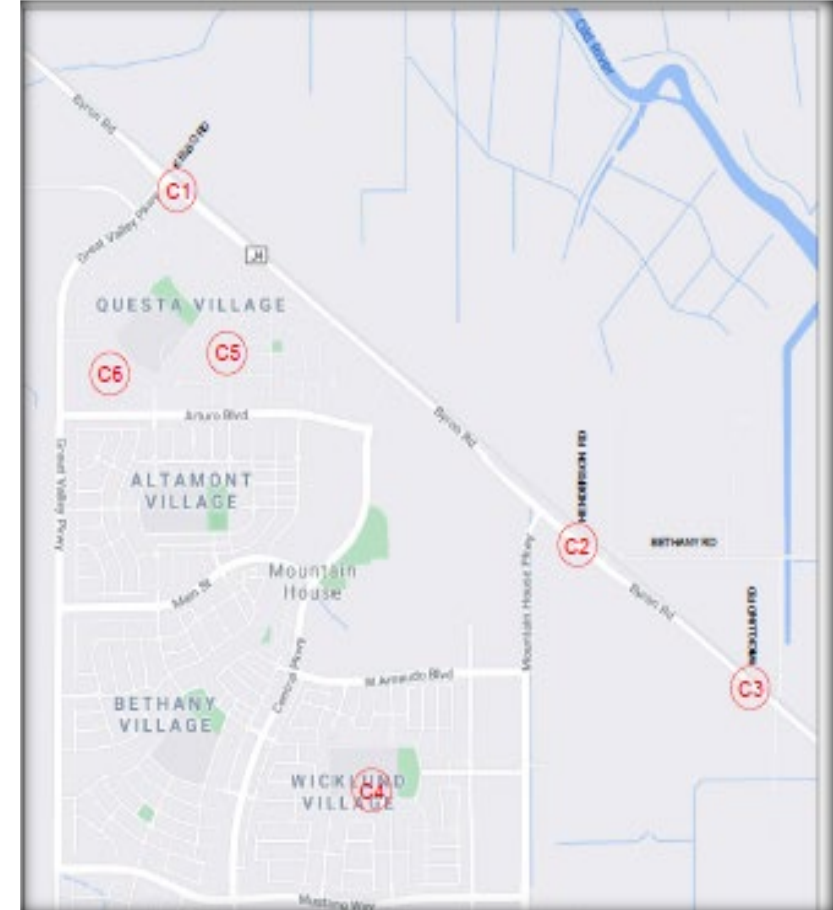
- (C4) Heritage Drive (School Loop)-Traffic Calming
- (C5) Intersection Of Marquis Way At Aventino Ave. - Crosswalk
- (C6) Tramonto Dr Between Montobello St and Esplanade Dr. – Traffic Calming

## Completion Date:

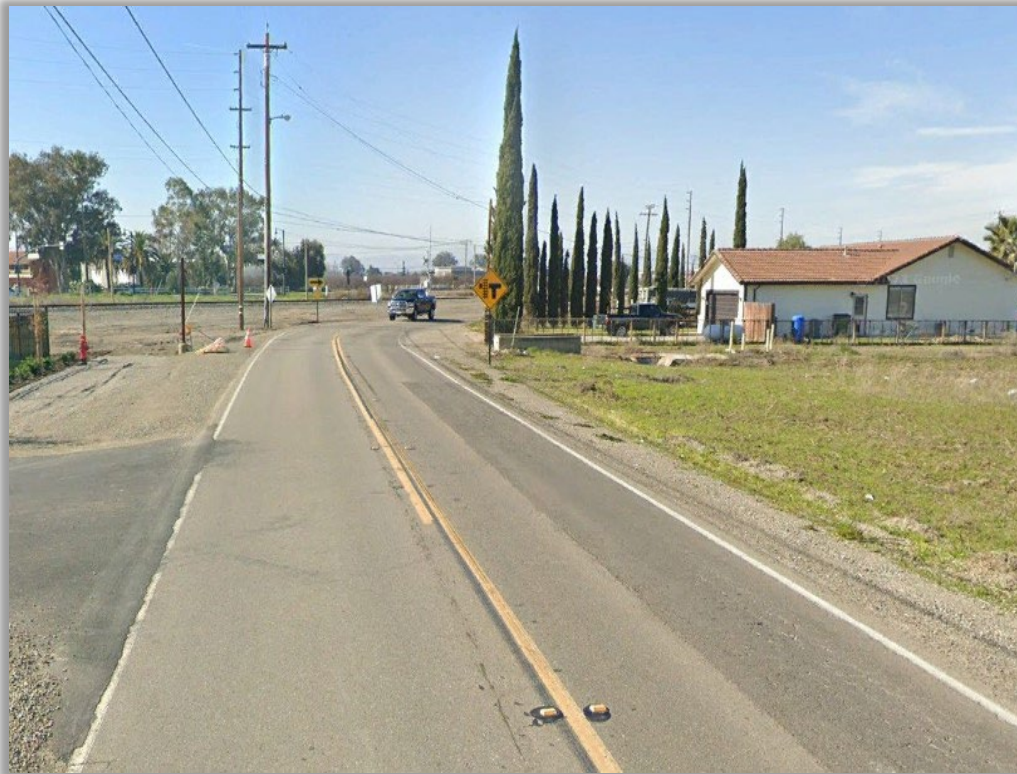
- September 26, 2022

## Cost:

- \$79,000



# Traffic Safety Improvement



Railroad Crossing-Bethany Road

Railroad Crossing-Byron Road at Kelso



# Traffic Safety Improvement



Tramonto Drive– Centerline Striping



Marquis and Aventino – New Crosswalk

# Traffic Safety Improvement



Heritage Drive – Speed Limit Sign



Heritage Drive – Sign and Striping

# Projects Under Consideration

## Traffic Safety Improvements

- Roundabout at Prosperity Street and Leonardo Way (site of a fatal accident)
- Fiberoptic lines
- School District Traffic Safety Requests
- Byron Road, Bethany Road, Wicklund Village Pavement Repair Project
- Crosswalk at Fremont Ave. on Shield Avenue (Hansen Village)
- Signs and striping the on Comunidad and Verano (Bethany Village)
- Signs and striping on Piedmont Drive (Altamont Village)
- Installing Speed Limit Signs on Arturo Boulevard at Montebello St.
- Crosswalks, signs and striping on Prosperity Street at Parco Avenue
- Mountain House Parkway and Byron Road (Trucks rolling over)
- AMG Evaluating traffic conditions at Riatta Ranch and Esplanade

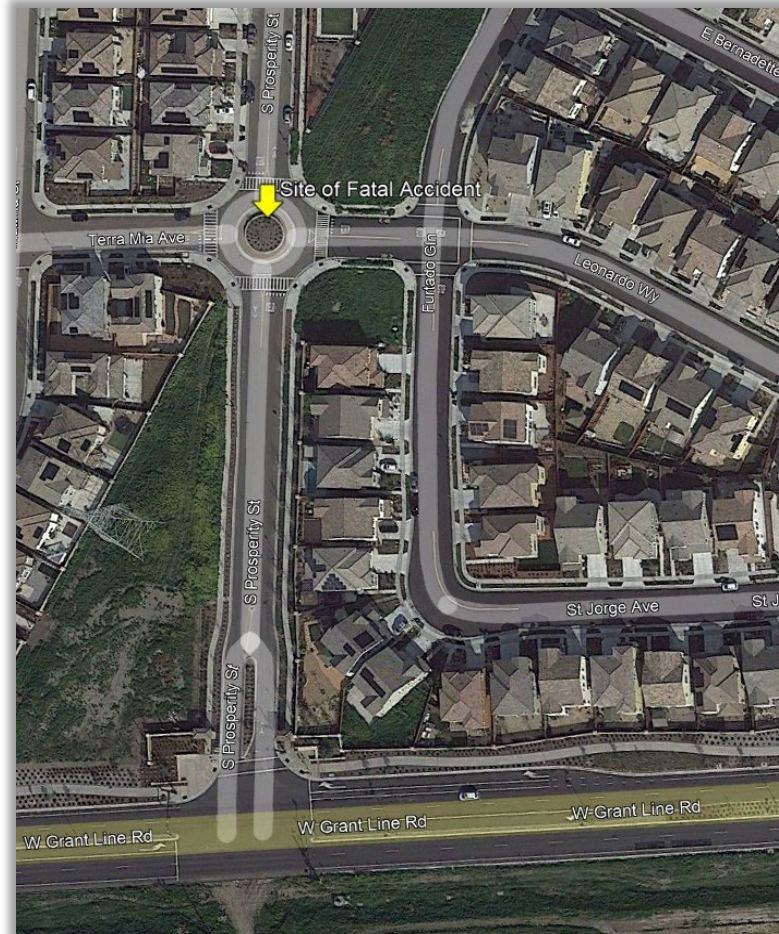


Mountain House Map

# Projects Under Consideration

## Roundabout at Prosperity and Leonardo

- This case is being reviewed by AMG
- Police Report is needed



Aerial Photo



Site of Fatal Accident

# Projects Under Consideration

Fiberoptic Lines:

- Will be Budgeted through TIFF

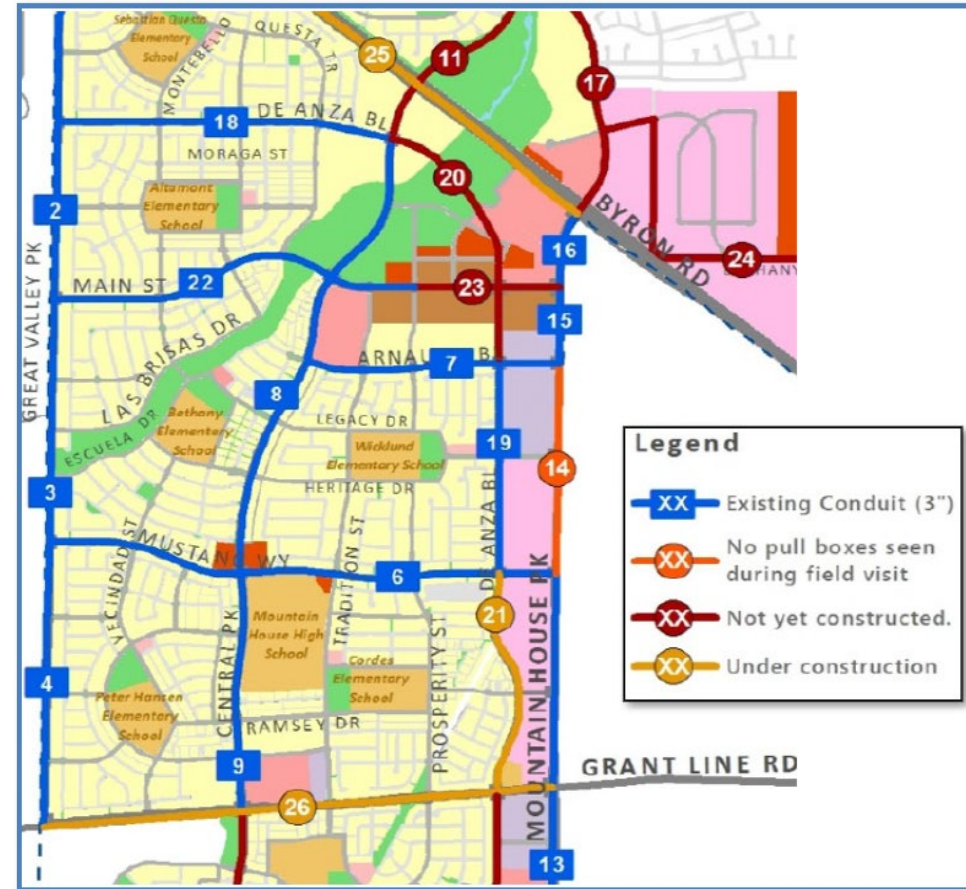


Figure 1: Existing and Future Conduit in MHCS D

# Projects Under Consideration (School District Traffic Safety Requests)

## Project Locations: Questa

- RRFB at Riatta Ranch and Esplanade.
- RRFB at Gravino and Umbria
- Speed Humps in Esplanade and Montebello



# Projects Under Consideration (School District Traffic Safety Requests)

## Project Locations: Bethany

- RRFB at Puente and Escuela
- Speed Hump in Comunidad
- Crosswalk in Comunidad



# Projects Under Consideration (School District Traffic Safety Requests)

## Project Locations: Cordes

- RRFB at Parco and Prosperity
- Speed Hump in Prosperity
- RRFB at Ramsey and Prosperity





# Projects Under Consideration

## Byron, Bethany, Wicklund Village Road Repairs

### 2" Asphalt Grinding and Overlay

- Byron : 8,500 sq-yd
- Bethany: 3,100 sq-yd

### Crack Seal in Wicklund Village

- 60,000 Lineal feet
- Estimated Total Cost: \$900,000



# Projects Under Consideration

## Traffic safety - Fremont Ave. at Shields Ave. (Hansen Village)

- AMG recommended a Marked Crosswalk on the south side



# Projects Under Consideration

## Traffic safety – Comunidad at Verano. (Bethany Village)

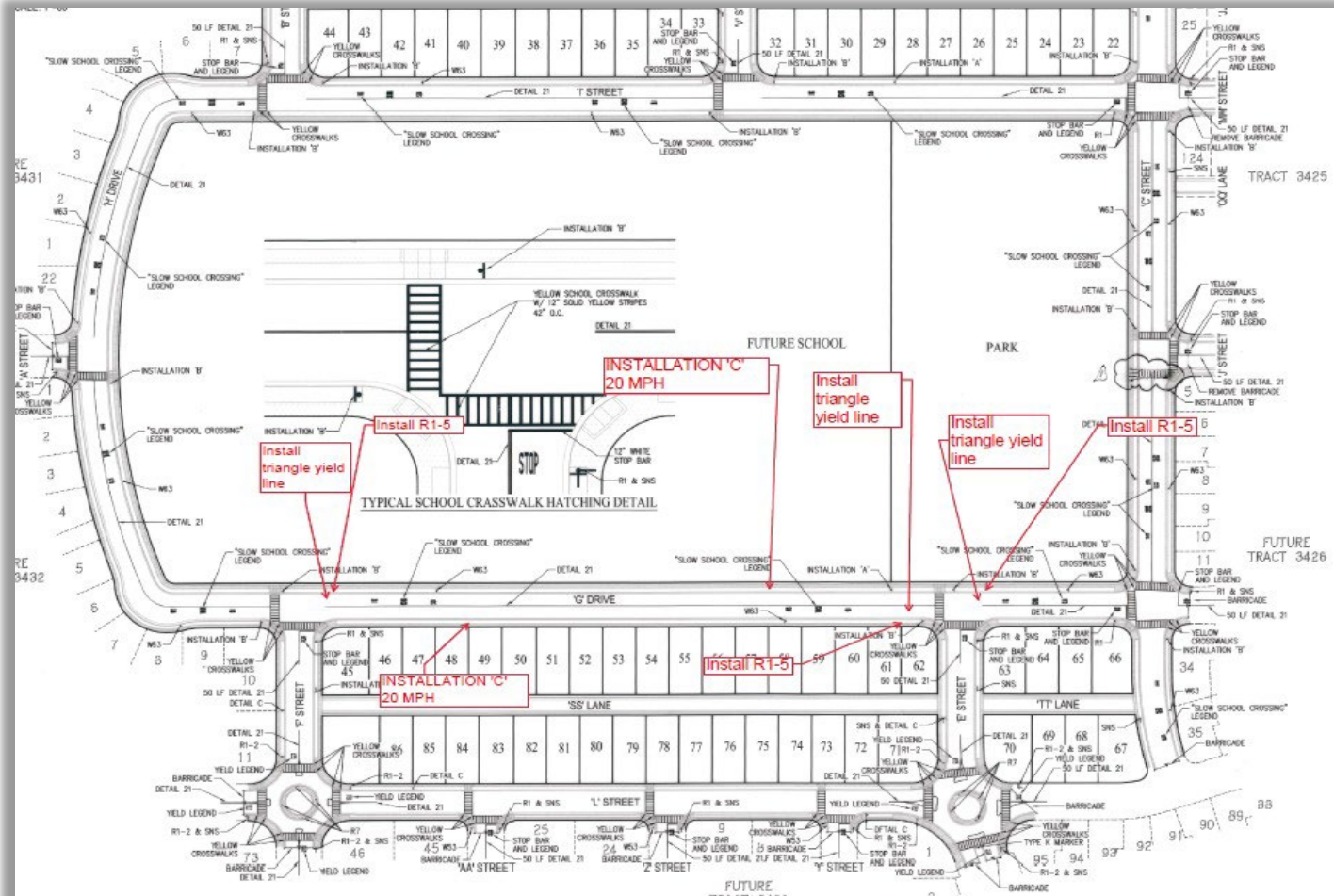
- Add R1-6 (Pedestrian Crossing) Sign
- Add Centerline



# Projects Under Consideration

## Traffic safety – Piedmont Drive (Altamont Village)

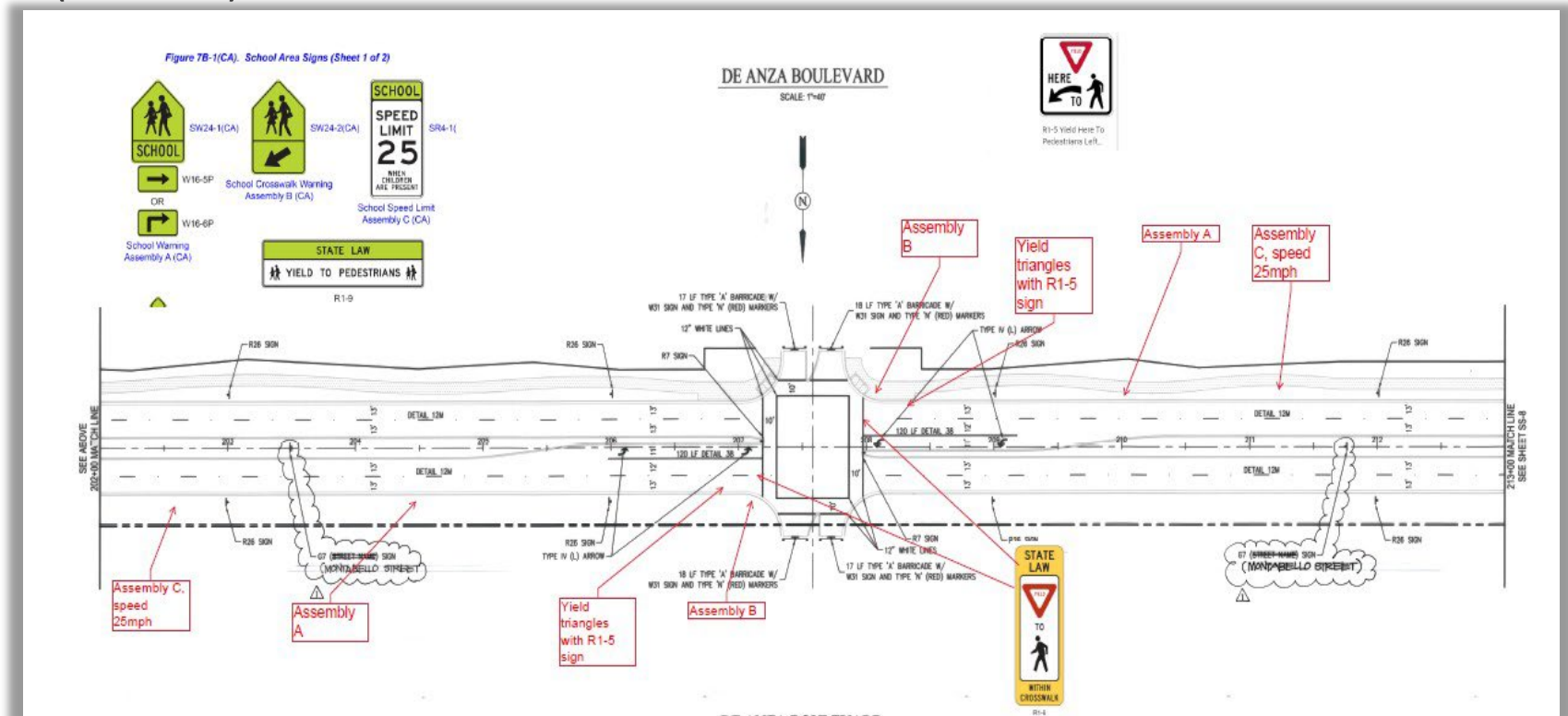
- Add R1-5 (Yield) signs and striping
- Add Speed limit signs (20 MPH)



# Projects Under Consideration

## Traffic safety – Arturo at Montebello

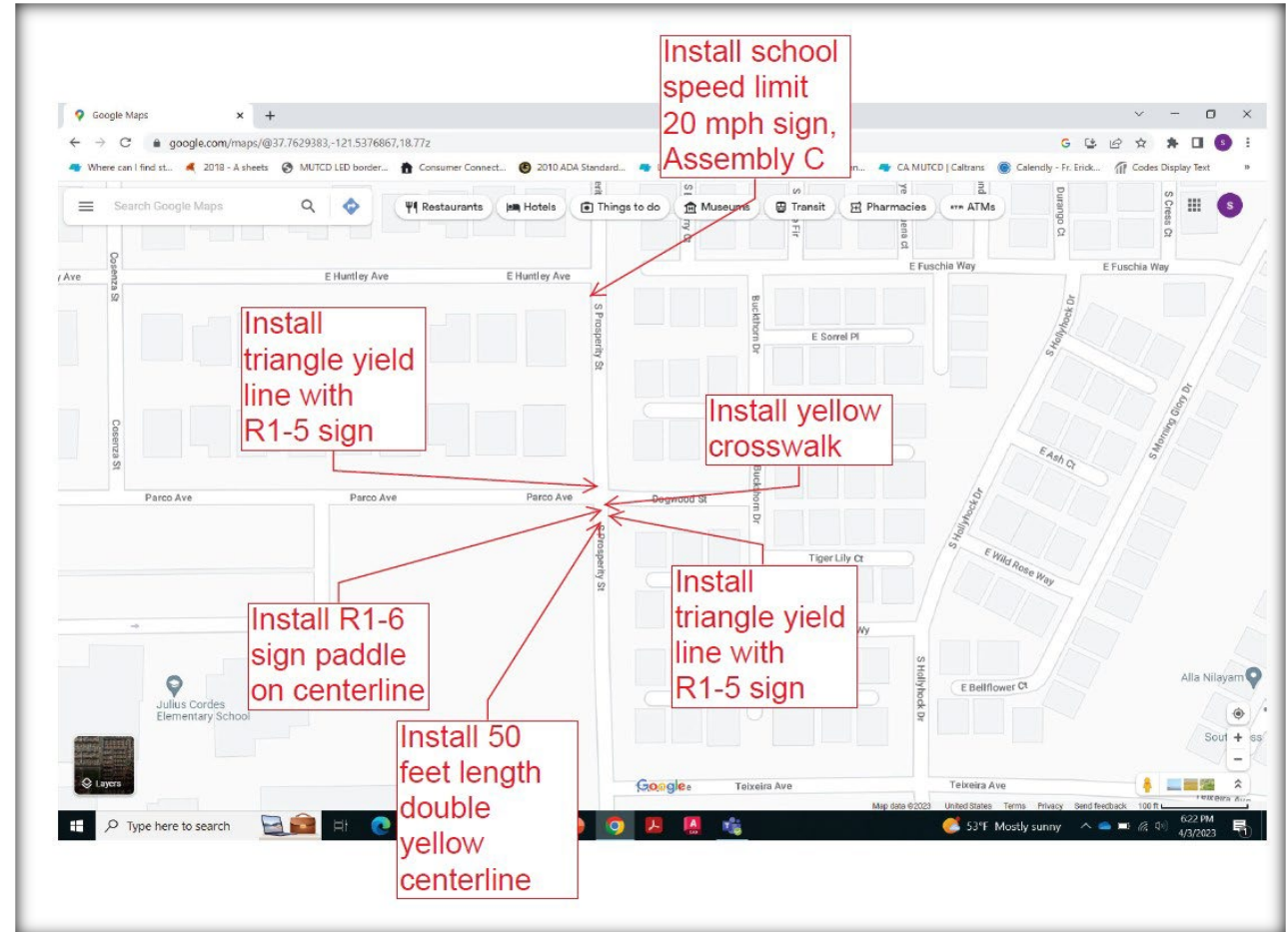
- Add R1-5 (Yield) signs and striping, School Crossing Signs
- Add Speed limit signs (25 MPH)



# Projects Under Consideration

## Traffic safety – Prosperity at Parco

- Add R1-5 (Yield) signs and striping, School Crossing Signs
- Add Speed limit signs (20 MPH)
- Install R1-6 sign
- Stripe Centerline
- Install Yellow Crosswalk on the south



# Projects Under Consideration

## Traffic safety – Mountain House PKWY-Byron

- Add Left-Turn Warning Signs
- Shift the Left Turn Lane on MHP to the right

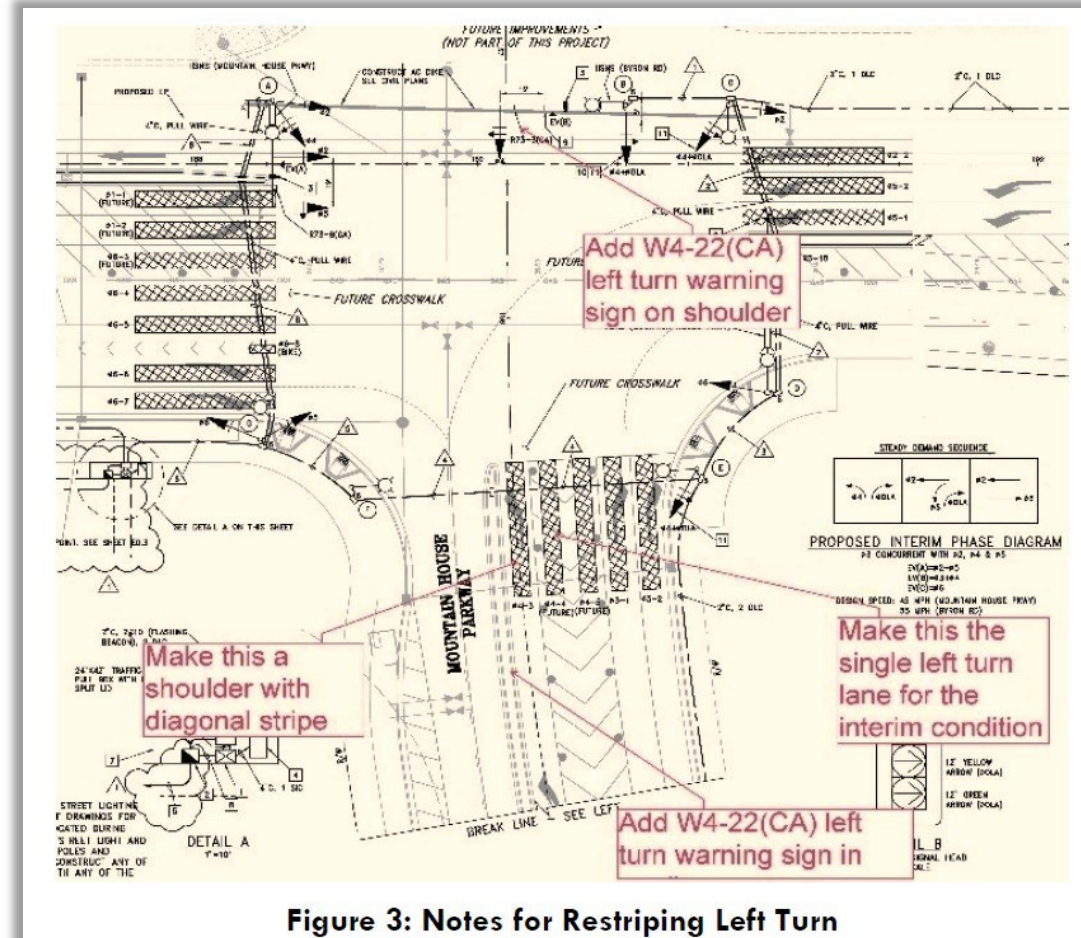
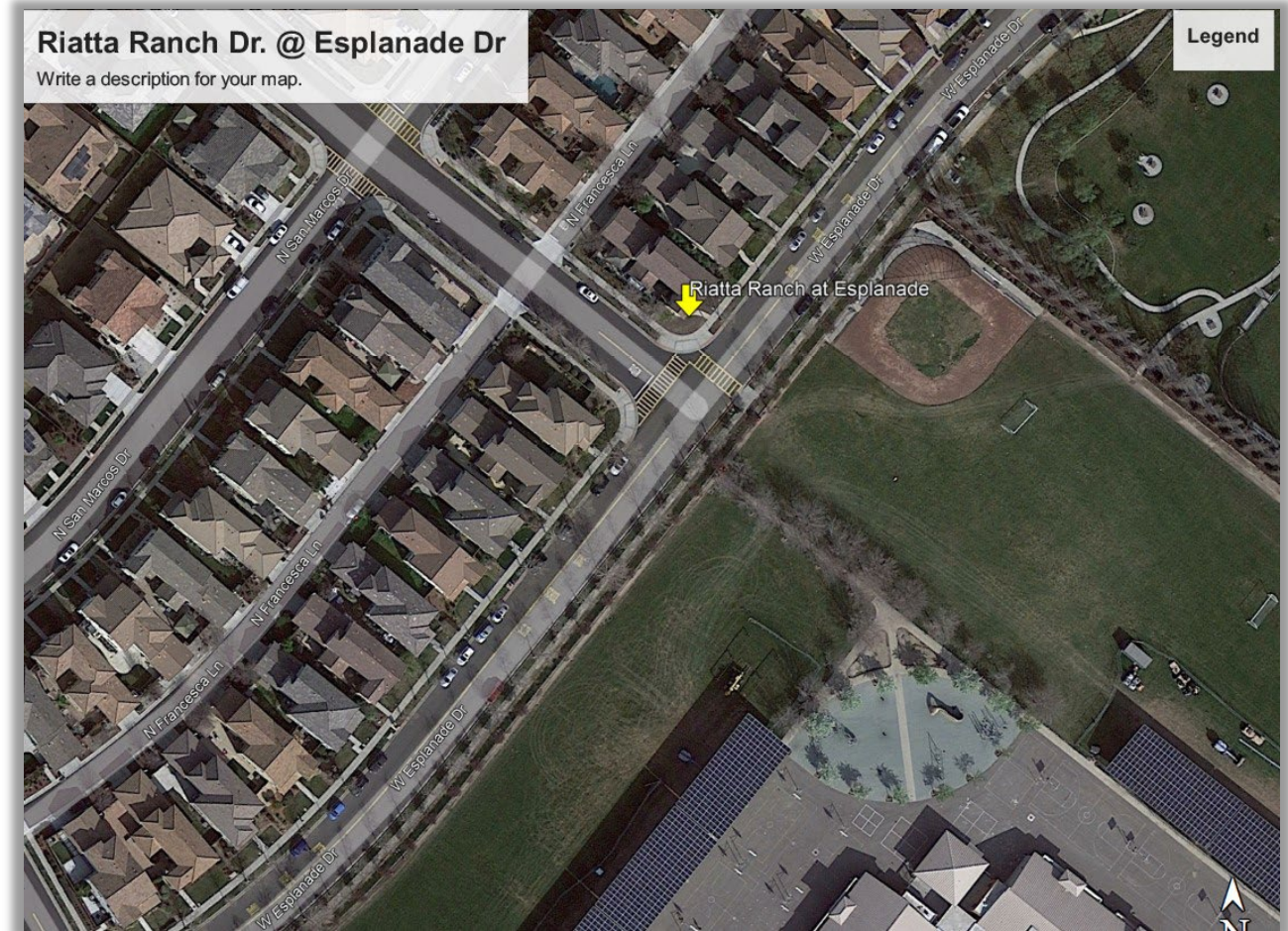


Figure 3: Notes for Restriping Left Turn

# Projects Under Consideration

## Traffic safety – Riatta Ranch at Esplanade

- This case is being reviewed by AMG





# Questions?

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Thank you!

# Future Updates Valley Link

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- Invite VL to make another presentation at future meeting?

# Future Updates

## Motorcycle Unit

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- Motor Officer selected and receiving training
- Equipment and safety gear ordered

# Future Updates

## CHP Accident Reports

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- Report or presentation from CHP?

# Future Updates

## Alameda County Traffic Circles on Grant Line Road

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- Finalizing agreement with Alameda County to advance to final design and construction
- Final version of a cooperative agreement with Alameda County to the Board in the near future
- Alameda County Board of Supervisors will need to approve the cooperative agreement following the District's Board approval
- Project will involve final design and construction of two roundabouts along Grant Line Road in Alameda County
- Completion of the final design expected by the fall of 2022 and completion of construction by the spring of 2024

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Questions?