



**CITY OF MORRO BAY
PUBLIC WORKS ADVISORY BOARD
AMENDED AGENDA**

~ PLEASE NOTE NEW LOCATION ~

The City of Morro Bay provides essential public services and infrastructure to maintain a safe, clean and healthy place for residents and visitors to live, work and play.

**NOTICE OF SPECIAL MEETING
Wednesday, December 6, 2023 – 5:30 PM
Veterans Memorial Building
209 Surf Street, Morro Bay, CA**

Public Participation:

Public participation is allowed in the following ways:

- *Community members may attend the meeting in person at the Morro Bay Veterans Hall.*
- *Alternatively, members of the public may watch the meeting and speak during general Public Comment or on a specific agenda item by logging in to the Zoom webinar using the information provided below. Please use the “raise hand” feature to indicate your desire to provide public comment.*

Please click the link below to join the webinar:

- <https://us02web.zoom.us/j/82722747698?pwd=aWZpTzcwTHlRTk9xaTlmWVNWRWFUQT09>

Password: 135692

- *Or Telephone Attendee: 1 (408) 638-0968 or 1 (669) 900-6833 or 1 (346) 248-7799; Webinar ID: 827 2274 7698; Password: 135692; Press *9 to “Raise Hand” for Public Comment*
- *Members of the public may watch the meeting either on cable Channel 20 or as streamed on the City [website](#).*
- *Community members are encouraged to submit agenda correspondence in advance of the meeting via email to the Public Works Advisory Board at pwab@morrobayca.gov prior to the meeting. Agenda Correspondence received at pwab@morrobayca.gov by 10 a.m. on the meeting day will be posted on the City website.*

ESTABLISH QUORUM AND CALL TO ORDER

PUBLIC COMMENT FOR ITEMS ON THE AGENDA

SPECIAL MEETING AGENDA:

I. LOCAL ROADWAY SAFETY PLAN (LRSP) - 3RD COMMUNITY MEETING

Recommendation: Receive presentation and provide input and feedback to Public Works staff and the project consultant (LRSP Team) regarding the latest developments and proposed improvements to be included in the upcoming Draft Local Road Safety Plan (LRSP).

ADJOURNMENT

DATED: December 5, 2023



John Erwin, Vice-Chair

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, IF YOU NEED SPECIAL ASSISTANCE TO PARTICIPATE IN A CITY MEETING, PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT LEAST 24 HOURS PRIOR TO THE MEETING TO ENSURE REASONABLE ARRANGEMENTS CAN BE MADE TO PROVIDE ACCESSIBILITY TO THE MEETING.



AGENDA NO: I

MEETING DATE: December 6, 2023

Staff Report

TO: Public Works Advisory Board **DATE:** November 29, 2023
FROM: Eric Riddiough, PE – City Engineer
SUBJECT: Local Road Safety Plan Update – 3rd Community Meeting

RECOMMENDATION

Staff recommends the Public Works Advisory Board (PWAB) receive the attached presentation and provide input and feedback to Public Works staff and the project consultant (LRSP Team) regarding the latest developments and proposed improvements to be included in the upcoming Draft Local Road Safety Plan (LRSP).

BACKGROUND/ DISCUSSION

An LRSP is a comprehensive statewide initiative focused on enhancing traffic safety by coordinating the collaboration of various organizations and stakeholders including the community at large, law enforcement, public works, school districts, state and county transportation agencies, and others. Functioning as a data-driven strategy, the LRSP aims to minimize fatalities and serious injuries resulting from traffic accidents on public roads. This plan establishes a systematic framework for identifying and analyzing safety issues with the proposal of necessary improvements to address these concerns proactively. Funded by Caltrans and the City, a City Council-approved LRSP is mandatory for obtaining grant funds including the Highway Safety Improvement Program (HSIP) and Safe Streets 4 All (SS4A) and it enhances a city's competitiveness for other grant opportunities. It showcases the City's commitment to road safety, emphasizing a responsive approach to challenges and demonstrating a concerted effort to prioritize and improve overall traffic safety.

The purpose of the LRSP is multifaceted. First, it seeks to comprehensively understand the factors contributing to collisions on public roads. By analyzing these factors, the LRSP aims to present effective strategies to reduce traffic-related injuries. The plan goes beyond analysis by formulating a detailed action plan that prioritizes safety improvements based on identified risks. Additionally, the LRSP serves to enhance the city's competitiveness for safety funding, acknowledging that its implementation is vital to securing resources and support for the proactive enhancement of road safety measures. The LRSP is also designed to be a dynamic document, responsive to both quantitative data and qualitative community feedback. Traffic data provides a foundational understanding of safety issues, but the lived experiences and observations of residents offer a nuanced, fuller perspective. This collaborative approach ensures a more holistic and effective road safety plan.

The LRSP is shaped by both community input and traffic data to focus efforts and resources on improvements that will reduce crashes, close calls, and improve overall safety for the public. The LRSP development process has integrated valuable input from the community, providing perspectives beyond the limitations of raw data. Two community outreach workshops were conducted with the first on September 06, 2023, and the second on November 09, 2023. These two workshops were interactive and accommodated a space where residents could come and voice concerns and share their experiences and suggestions related to local traffic safety. This outreach is very important for identifying areas of concern that may not be immediately evident through crash data sources.

Prepared By: ER

Dept Review: GK

In addition to the interactive community workshops, the LRSP Team created an online mapping tool available for over 3 months that allowed residents to identify and document areas of concern and make suggestions for improvements. This digital tool provided a convenient alternative for community members who may have been unable to attend the workshops in person. Through the interactive map, residents contributed valuable insights and feedback about specific locations, offering a user-friendly and accessible platform for engagement in the planning and decision-making process. The feedback received from the community has been documented and will be a part of the appendix of the finalized LRSP document.

Following the public outreach and a comprehensive walking tour with agency partners, several prominent issues emerged as focal points for community concern. Among these issues, the most common safety concerns were categorized into the following topics: speeding, the prevalence of cut-through traffic within neighborhoods, frequent disregard for stop signs and traffic lights by drivers, inadequate lighting, and concerns related to pedestrian and bicycle safety. These categories form a critical foundation for further community engagement and collaborative efforts aimed at addressing and enhancing overall traffic safety in the area.

The LRSP team introduced a diverse range of solutions to address the concerns. These solutions encompassed the installation of additional speed limit signs and speed feedback signs/trailers to regulate and monitor vehicle speed. Additionally, measures such as speed humps, speed tables, chicanes, chokers, medians, and other physical changes may be proposed to reduce speed and control traffic flow effectively. The implementation of flashing stop signs, yield signs, neighborhood access control, and reduction of turning radius may be suggested to enhance intersection safety and slow down traffic. Other infrastructure improvements including curb extensions (bulb-outs), crosswalk refuge islands, additional sidewalks where appropriate and where gaps occur, and other high-visibility crosswalks may be proposed in areas to prioritize pedestrian safety. Moreover, the plan will include innovative solutions such as pedestrian crossing beacons, dedicated bike lanes, and protected bike lanes to promote and safeguard pedestrians and cyclists. Also, in areas where lack of lighting is of concern and contributing to incidents, infill of streetlights may also be considered. These comprehensive solutions aim to create a safer and more efficient traffic environment.

CONCLUSION

Staff recommends that the PWAB receive the attached presentation and provide input and feedback to the LRSP Team regarding the latest developments and proposed improvements to be included in the upcoming Draft LRSP. The feedback received will be used by the LRSP Team in preparation of the Draft LRSP, which will be presented to PWAB before finalization and adoption by City Council.

ATTACHMENTS

1. Slide deck presentation for December 6, 2023, PWAB Meeting

Local Roadway Safety Plan City of Morro Bay



PRESENTATION TO THE PUBLIC WORKS ADVISORY BOARD

DECEMBER 6, 2023

Kimley»»Horn

Agenda

- Introductions
- Project Recap
- Potential Improvements
- Next Steps

Project Recap

- Held two public workshops
 - ✓ Presented findings of crash analysis
 - ✓ Solicited feedback in presentations and with interactive boards
- Published online mapping tool and survey
- Received project emails from the public
- Worked with public agency advisory group to develop project concepts

Public Engagement

- Major concerns:



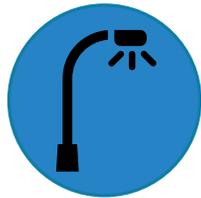
Speeding



**Cut-Through
Traffic**



**Drivers Ignoring
Signals and Stop Signs**



Lighting



Pedestrians



Bicyclists

Potential Project Locations

- Morro Bay Boulevard
- Embarcadero
- Quintana Road
- Main Street and Quintana Road
- Quintana Road and South Bay Boulevard
- South Bay Boulevard
- Main Street
- Traffic calming on local and collector streets

Morro Bay Blvd

- **Issues:**

- All fatal and severe injury collisions involved bikes and pedestrians
- Major causes:
 - Automobile R/W violations, improper turning, unsafe starting or backing
- Crash types:
 - Broadsides and rear-ends at intersections
 - Sideswipes along road segments

Morro Bay Blvd

- Public comments:
 - High-visibility striping is insufficient
 - Vehicle speeds and limited visibility from hill crest at Morro Bay Bl and Kern Ave creates risks for pedestrian safety
 - Many vehicles don't stop at stop signs along Morro Bay Blvd
- Morro Bay Bl and Bernardo Ave
 - conflicts with bikes and peds crossing
 - lack of visibility at crosswalk

Morro Bay Blvd

- Potential improvements:



Curb Extensions
(Bulb-Outs) at
intersections



High Visibility Crosswalks
(all intersections, painted
crosswalks at select
locations)



Morro Bay Blvd

- Potential improvements:



Install Speed
Feedback Signage
(various locations)



Install Sharrows



Morro Bay Bl

- Potential improvements (Continued):**

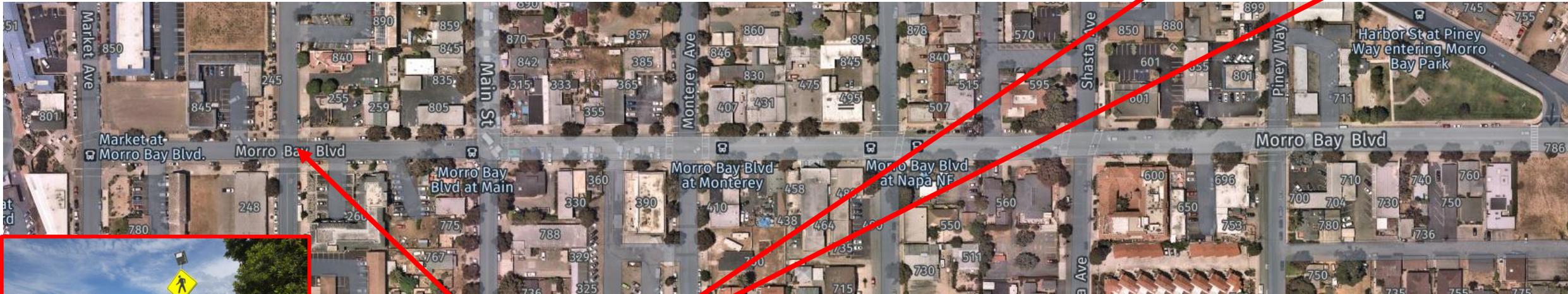
Reduce lane width at Morro Bay Bl and Kern Ave WB

Reduce radius or eliminate the free right turn from Morro Bay onto Harbor St Northbound

Striping to narrow travel lanes and delineate parking (throughout corridor)



Pedestrian warning/yield signage at existing uncontrolled intersections



RRFB (at Morro, Bernardo, and Kern Aves)

Landscaped buffer of at least 2' between sidewalk and travel lanes (per General Plan, throughout)

Embarcadero: Marina Street to Beach Street

- **Issues:**
 - Major crash causes:
 - Improper Turning (turning right or left when its not safe to do so)
 - Unsafe Starting or Backing (Pulling out when its not safe to do so)
 - Major crash types:
 - Rear-Ends and sideswipes
 - Delivery trucks cause congestion during peak hours

Embarcadero: Marina Street to Beach Street

- **Issues:**
 - Visibility of crosswalks
 - Parking availability
 - Major traffic during holiday weekends – emergency vehicle access
 - Public comments:
 - Heavy bike usage – additional signage and striping for bikes as well as cars
 - Concerns with safety of pedestrian crossing – recommends crosswalks, beacons, and striping

Embarcadero: Marina Street to Beach Street

- **Potential Improvements:**

High Visibility Crosswalk Striping and Curb Bulb-Outs (All); RRFBs or Raised Crosswalks (select intersections)

Corridor-Wide Improvements:

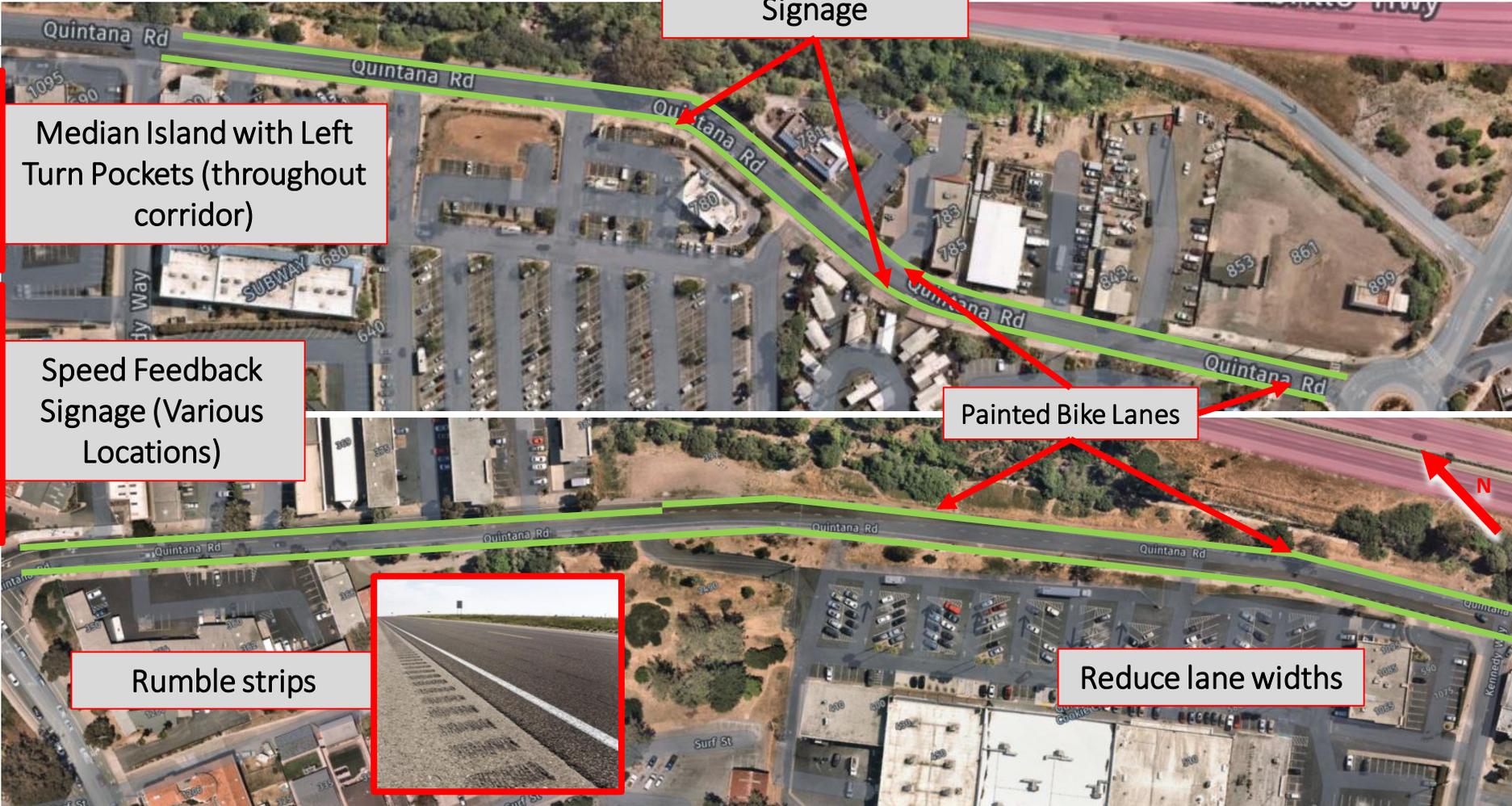
- Lower Speed Limits per California Assembly Bill 43 (15-20mph)
- Delivery Time Restrictions



Quintana Road: Main Street to Morro Bay Boulevard

- Issues:
 - Major causes:
 - Unsafe speed, Wrong side of road, DUI, auto R/W violations
 - Major crash types:
 - Broadside and hit object
 - Public comments:
 - Visibility when turning out onto Quintana Road from shopping centers

Quintana Rd: Main Street to Morro Bay Blvd



Median Island with Left Turn Pockets (throughout corridor)

Curve Warning Signage

Speed Feedback Signage (Various Locations)

Painted Bike Lanes

Rumble strips



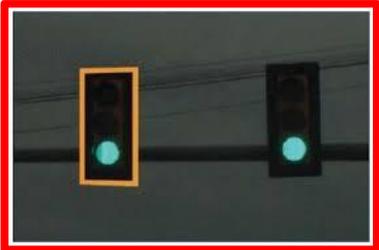
Reduce lane widths

Main Street and Quintana Road

- **Issues:**
 - Major crash causes:
 - Unsafe speed/following too closely
 - improper turning
 - Major crash types:
 - Rear-end, hit object, broadside
 - 2 pedestrian, 1 bicycle crashes

Main Street and Quintana Road

Retroreflective Backplates on signal heads, review yellow/red timing (all signals)



High Visibility Crosswalks with Leading Pedestrian Interval (LPI)



Main Street and Quintana Road



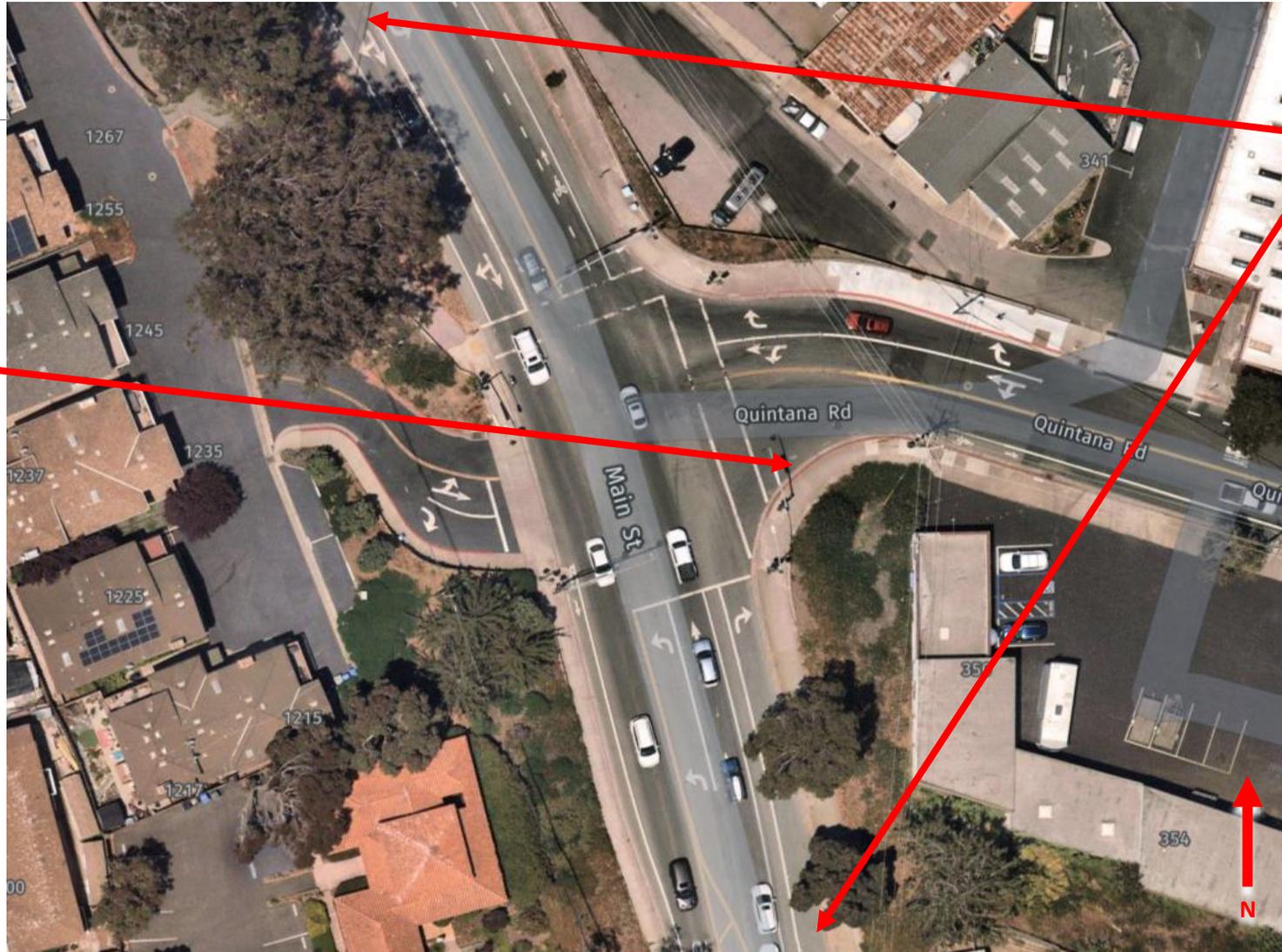
Green Bicycle Paint near Conflict Points (Various Locations)

Connection to Bike Path (requires diagonal crossing and exclusive phase)

Bike box



Main Street and Quintana Road



Reduce large curve radius to encourage lower speed

Advance signal warning signs



Main Street: Highway 41 to Hill Street

Main Street: Highway 41 to Hill Street

- Issues:
 - bicycle lane is space constrained

Main Street north of Highway 41



Potential Improvements:

- Reorganize Lane Widths between NB and SB bike lanes
- Two-Way Cycle Track along Main St
- Multiuse Path – Bike Lane/Sidewalk

Quintana Rd and South Bay Boulevard

- **Issues:**
 - Major crash types:
 - Broadside
 - Rear-ends
 - Major crash causes:
 - Unsafe speed
 - Auto right-of-way violations

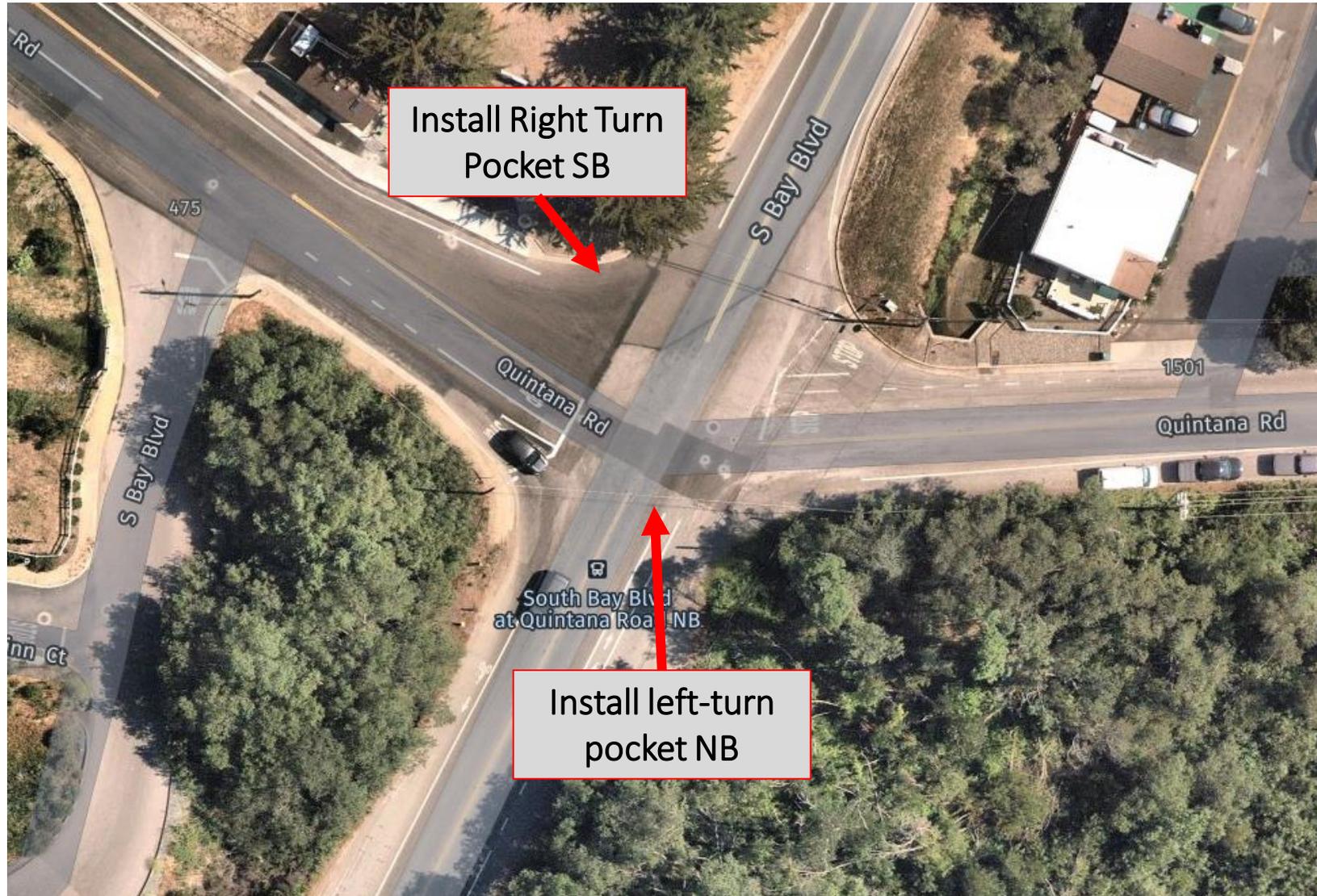
Quintana Rd and South Bay Boulevard

- **Issues:**

- Public comments:

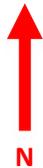
- Many 'near-misses' here
 - Visibility issues with left-turn coming from Quintana onto South Bay Bl northbound
 - Poor visibility and high speeds here

Quintana Rd and South Bay Boulevard



Quintana Rd and South Bay Boulevard

Install Advanced Signage – Retroreflective or Flashing Beacons



Install Flashing Beacon over Intersection



Install All-Way Stop or Traffic Signal (warrant needed for both, previously did meet warrants)

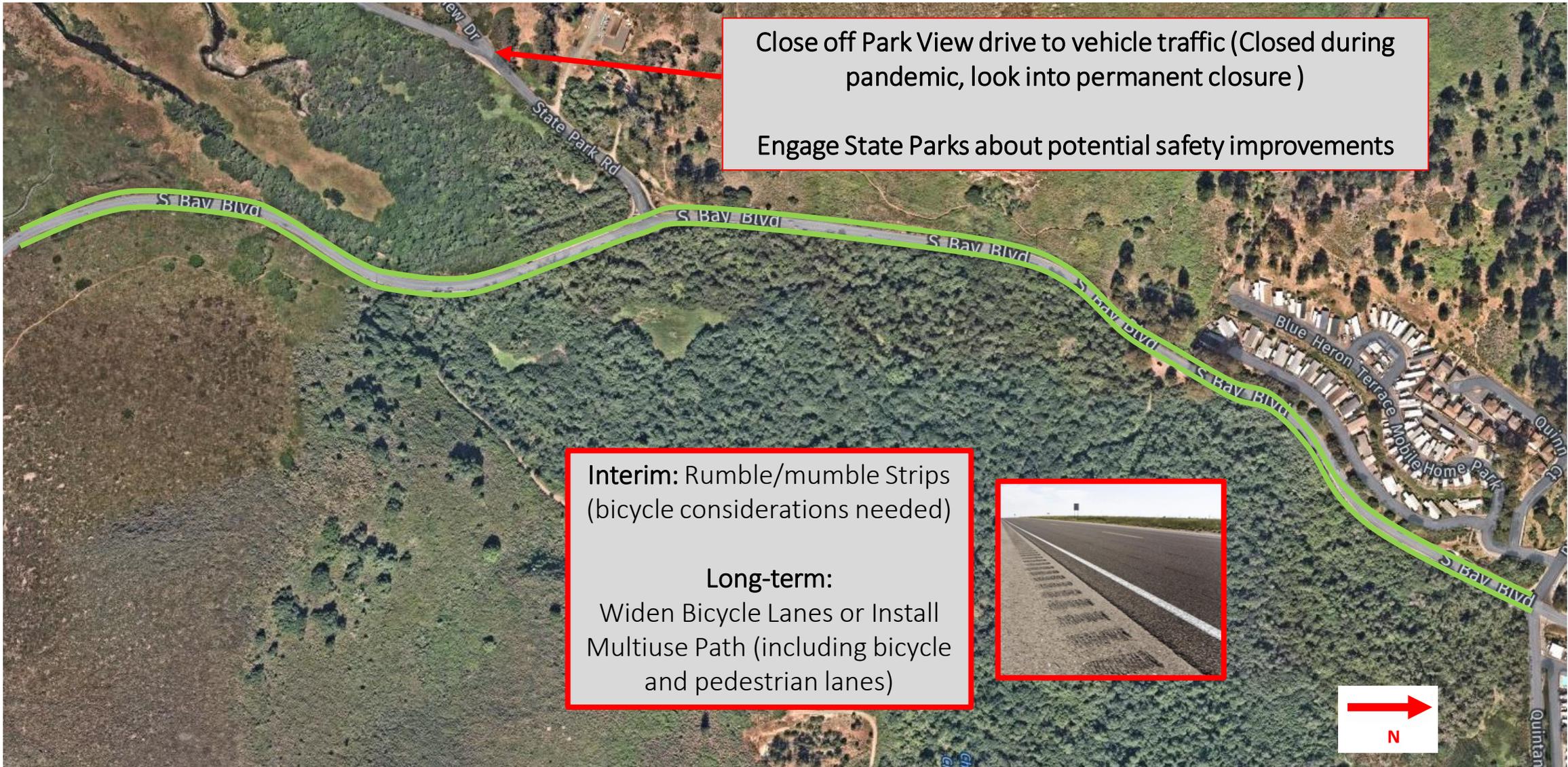
South Bay Boulevard: Quintana Rd to City Limits

- Issues:
 - Major crash types:
 - Unsafe speed, DUI, wrong side of road
 - Major crash causes:
 - Hit object, overturned, head-on

South Bay Boulevard: Quintana Rd to City Limits

- Issues:
 - Public comments:
 - Narrow bike lane with tree/debris maintenance needed
 - Rumble strips
 - Crossing South Bay Bl at State Park Rd is tricky – suggested flashing crosswalk
- SLOCOG has a climate adaptation grant for this corridor

South Bay Boulevard: Quintana Rd to City Limits



Close off Park View drive to vehicle traffic (Closed during pandemic, look into permanent closure)

Engage State Parks about potential safety improvements

Interim: Rumble/mumble Strips
(bicycle considerations needed)

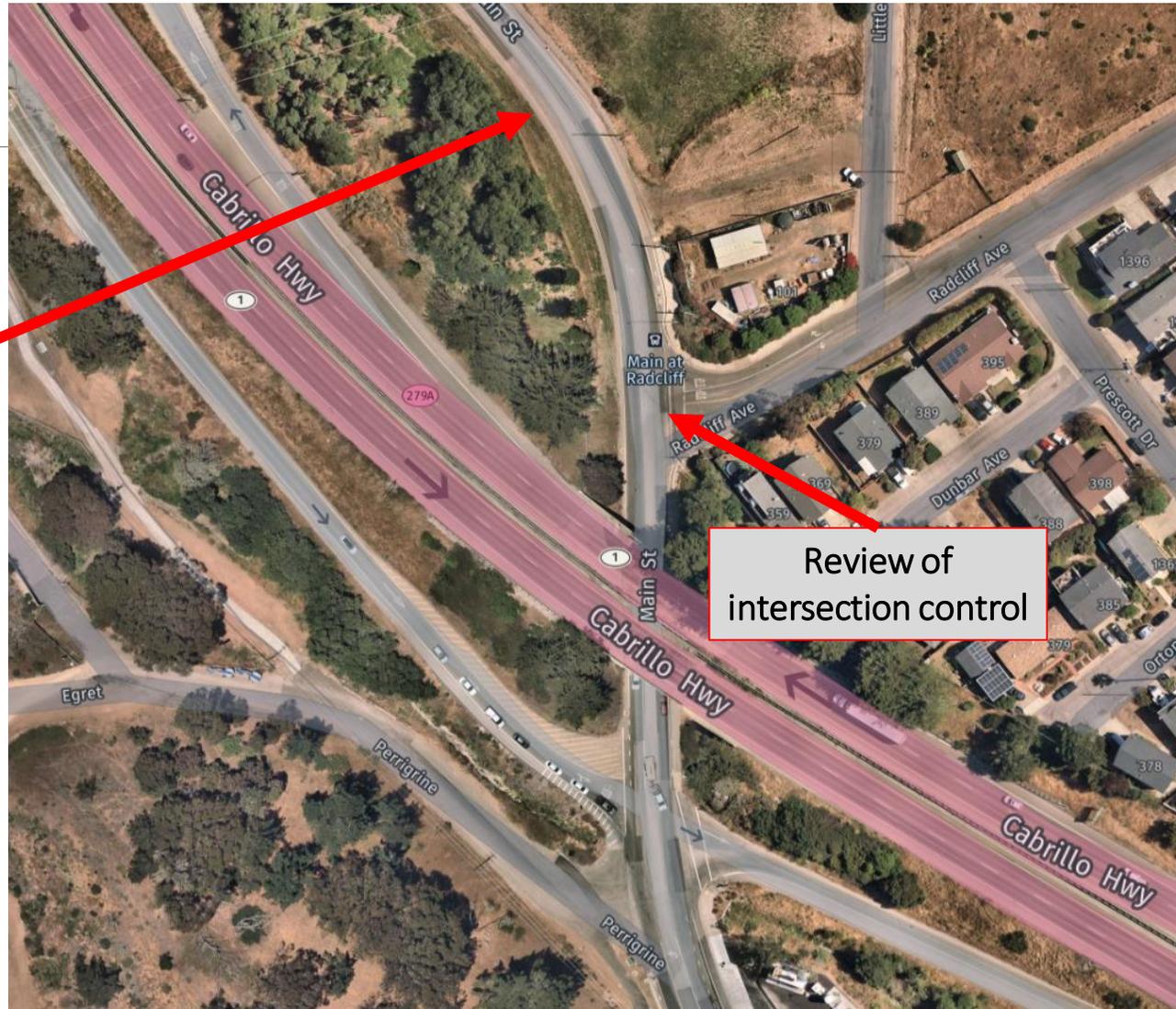
Long-term:
Widen Bicycle Lanes or Install
Multiuse Path (including bicycle
and pedestrian lanes)



Main Street Improvements

- **Main St and Radcliffe:**
 - Issues
 - Public comments:
 - Many comments about visibility, safety, and accessibility of left-turn to Main St from Radcliffe
 - Lack of sidewalks

Main Street and Radcliffe St



Complete sidewalk gap

Review of intersection control

Signage or flashing beacons to alter drivers on Main Street of potential conflicting movements



Main Street Improvements

- **Main St and San Jacinto St**
 - Issues:
 - Public comments:
 - Stop sign running
 - Major crash causes:
 - auto R/W violation
 - Improper Turning
 - Major crash types:
 - Sideswipe, broadside, rear-end

Main Street and San Jacinto St



Main Street Improvements

- **Main St and Yerba Buena St**
 - Issues:
 - Public comments:
 - Many drivers fail to stop at stop sign
 - Pedestrian safety concerns here

Main Street and Yerba Buena St

Install Traffic Diverter or Elbows



Install traffic signal or stop sign (review warrants)

Main Street Improvements

- **Main St and Dunes Street**
 - Issues:
 - Improper turning and automobile right-of-way violations
 - Broadside, sideswipe, and rear-end crashes
 - Public comments:
 - Many drivers fail to stop at stop sign
 - Pedestrian safety concerns here

Main Street and Dunes Street



Traffic Calming on Local Streets and Collector

- Toolbox of strategies:
 - signage
 - speed legends
 - pedestrian crossings/raised crosswalks
 - road diets/toning

Traffic Calming on Local Streets and Collector

- Toolbox of strategies
 - Mini-roundabouts
 - vertical deflections (speed bumps or speed humps)
 - horizontal deflections (chicanes, chokers)
 - neighborhood access control
- Process for responding to public concerns and implementing traffic calming devices
- **Note: stop signs – should be warranted (by reviewing warrants) and are not effective for traffic calming**

Traffic Calming on Local Streets and Collector

- Potential traffic calming corridors:
 - Ironwood Ave
 - San Jacinto Ave
 - Kern Ave
 - Avalon Ave
 - Piney Way
 - Sandalwood Ave
 - Greenwood Ave

Next Steps

- Prioritize projects based on public input, benefit-cost ratios, City priorities, and funding potential
- Draft plan
- Public input
- Final plan

Questions & Discussion
