



# THIRD STREET REHABILITATION COMMUNITY MEETING

September 23, 2020

# *Tonight's* Agenda

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## **1. Welcome – 6:05 PM**

- Project History, Goals, and Objectives
- Limits of the project
- Funding and budget

## **2. Survey - 6:25 PM**

## **3. Project Elements – 6:30 PM**

- Underground utility rehabilitation
- Pavement rehabilitation
- Intersection enhancements
- Traffic signal modernization

## **4. Second Street Bicycle Facility– 6:45 PM**

## **5. Trees and Sustainability– 7:05 PM**

## **6. Close and Next Steps – 7:20 PM**

# *Tonight's* **Comment Process**

## **Tonight's format for comment and questions.**

1. Questions and comments will be taken after each agenda section.
2. To ask a questions:
  - a. In Zoom, please use the raise your hand option in Zoom,
  - b. On the phone press \*9. You will get a notification to unmute when it's your turn. Press \*6 so you can speak.



We will be limiting comments to 1 minute to allow everyone's participation and complete the discussion by 7:30 PM.



# INTRODUCTION

# Project *Development*

**Feasibility Study**  
April 2017 to June 2019

**Final Design**  
March 2020 to July December 2020

**Council Review**  
June 2019

**Construction**  
May 2021 to May 2022

○ Community Outreach

**We  
are  
here**



# Project **Limits**

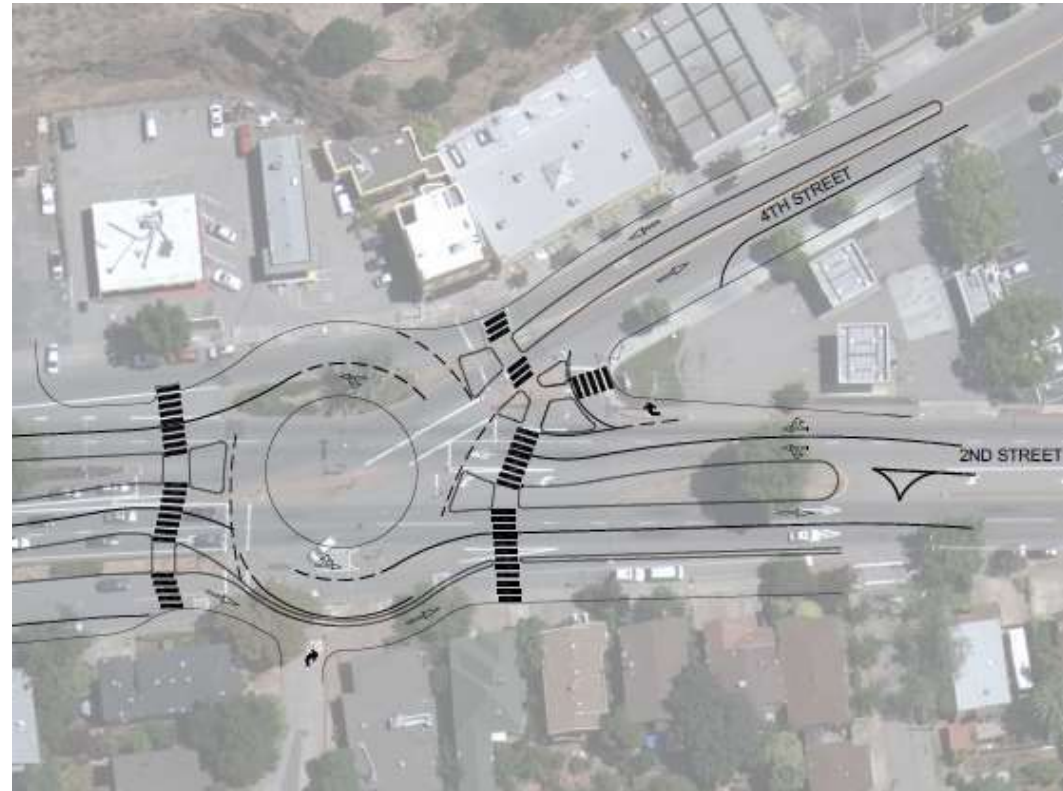


**Third Street** from just east of **Union Street** to **Second Street**  
**Second Street** from **West Street** to **Shaver Street**

# 2<sup>nd</sup> and 4<sup>th</sup> Future Project



**STANDARD INTERSECTION OPTION**



**ROUND-A-BOUT OPTION**

This is a separate project that the City is refining – future outreach will be conducted

# Project Development





# *Project* **Development**



# Project Outreach

1. Technical Working Group Meeting – July 2017
2. Community Working Group Meeting – October 2017
3. Community Meeting #1 – November 2017
4. Technical and Community Working Group Meeting - February 2018
5. Community Meeting #2 – March 2018
6. **City Council Approves Bicycle and Pedestrian Master Plan Update – July 2018**
7. **Feasibility Report Presentation to City Council – June 2019**
8. Bicycle and Pedestrian Committee – August 5, 2020



# Project Goals

1. Improve **safety** for all bicyclists and pedestrians
2. Repair **pavement** and **drainage**
3. Improve **pedestrian crossings** and repair sidewalks
4. Upgrade **signals**
5. Improve **traffic flow** for cars, transit, and emergency service
6. Add street **trees**
7. Enhance access for designated **Safe Routes to Schools**
8. Develop an **economically viable** project



# Funding Sources

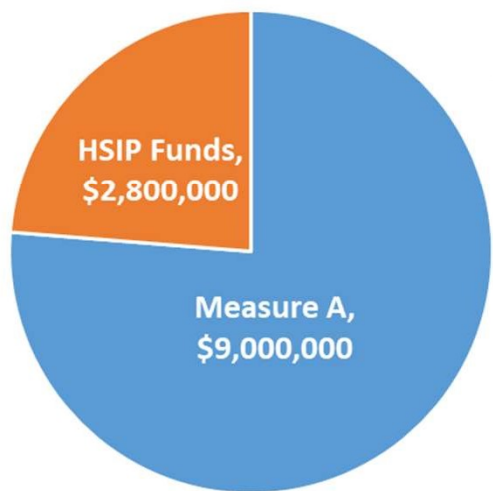


■ ■ ■ ■ ■ **Measure A Funds**

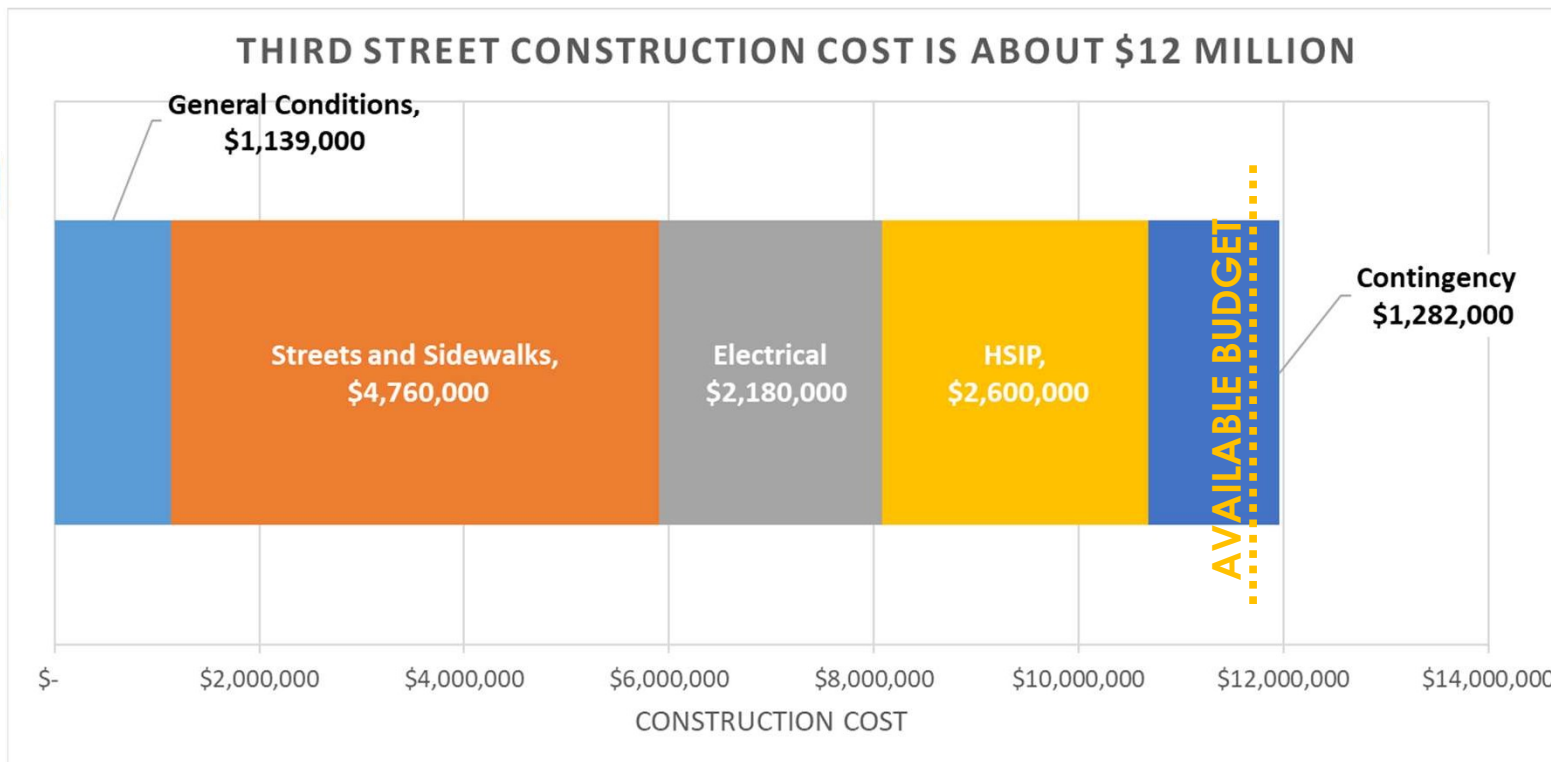
HSIP=Highway Safety Improvement Program

# Project Budget and Funding

THIRD STREET IMPROVEMENT PROJECT  
SHARE OF \$11.8 MILLION TOTAL BUDGET



HSIP=Highway Safety Improvement Program





**To Provide Comment**

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[April.Miller@cityofsanrafael.org](mailto:April.Miller@cityofsanrafael.org)

# INTRODUCTION – QUESTIONS AND COMMENTS



## THIRD STREET SURVEY



# PROJECT ELEMENTS



# Infrastructure Rehabilitation



- 1. Marin Municipal Water District Water System Upgrade ■ ■ ■ ■ ■
- 2. San Rafael Sanitation District Sewer Line Repairs ■ ■ ■ ■ ■
- 3. Both Sewer and Water Upgrades ■ ■ ■ ■ ■



# Pavement Rehabilitation



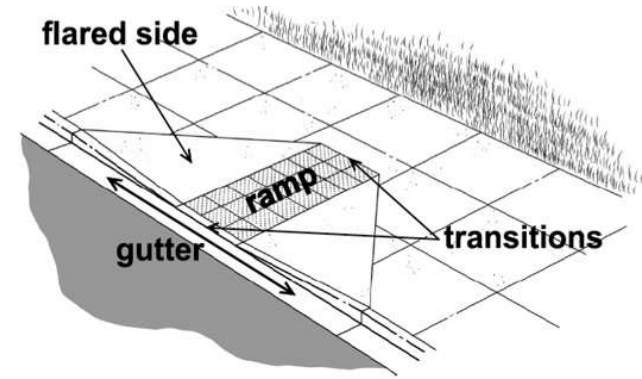
1. Limits West Street to Union Street
2. Pavement is generally structurally adequate
3. Challenges
  - Steep cross slope
  - Concrete paving below roadway



# *Intersection* **Enhancement**



**Bulb-out**



**Curb Ramp**



**Detectable Warning Surface**



**High Visibility Crosswalk**

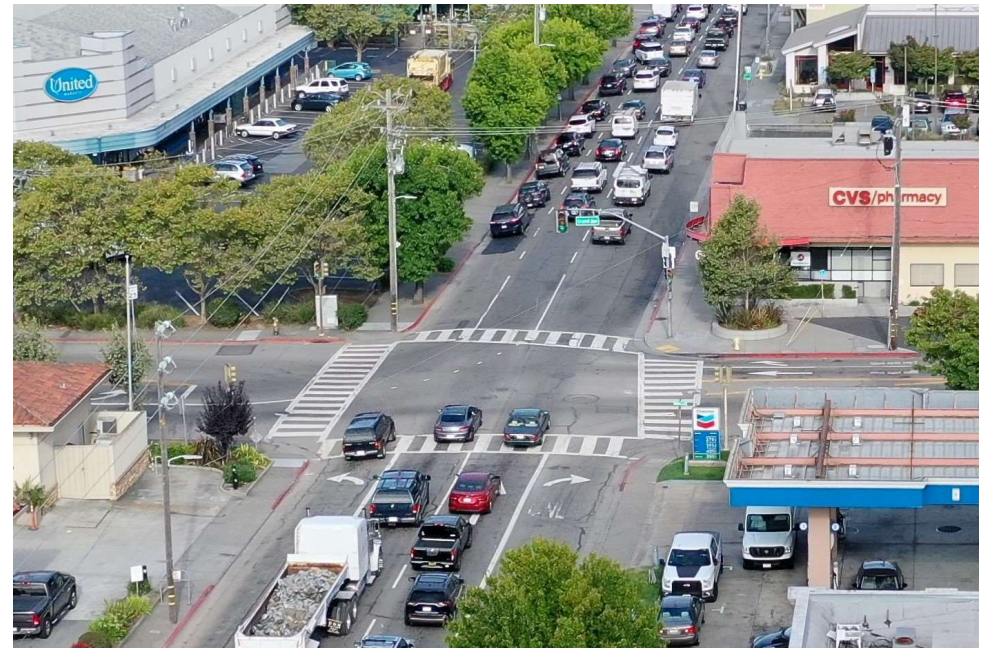
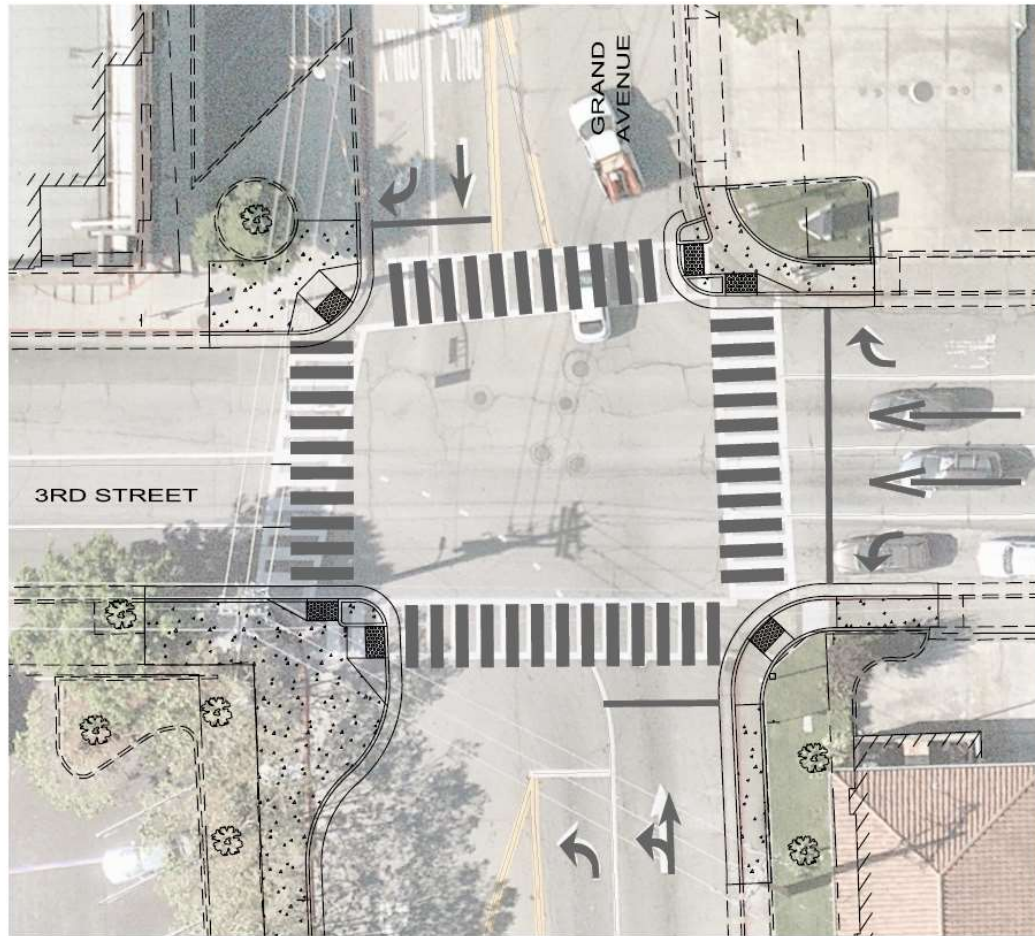
# *Intersection* **Enhancement**



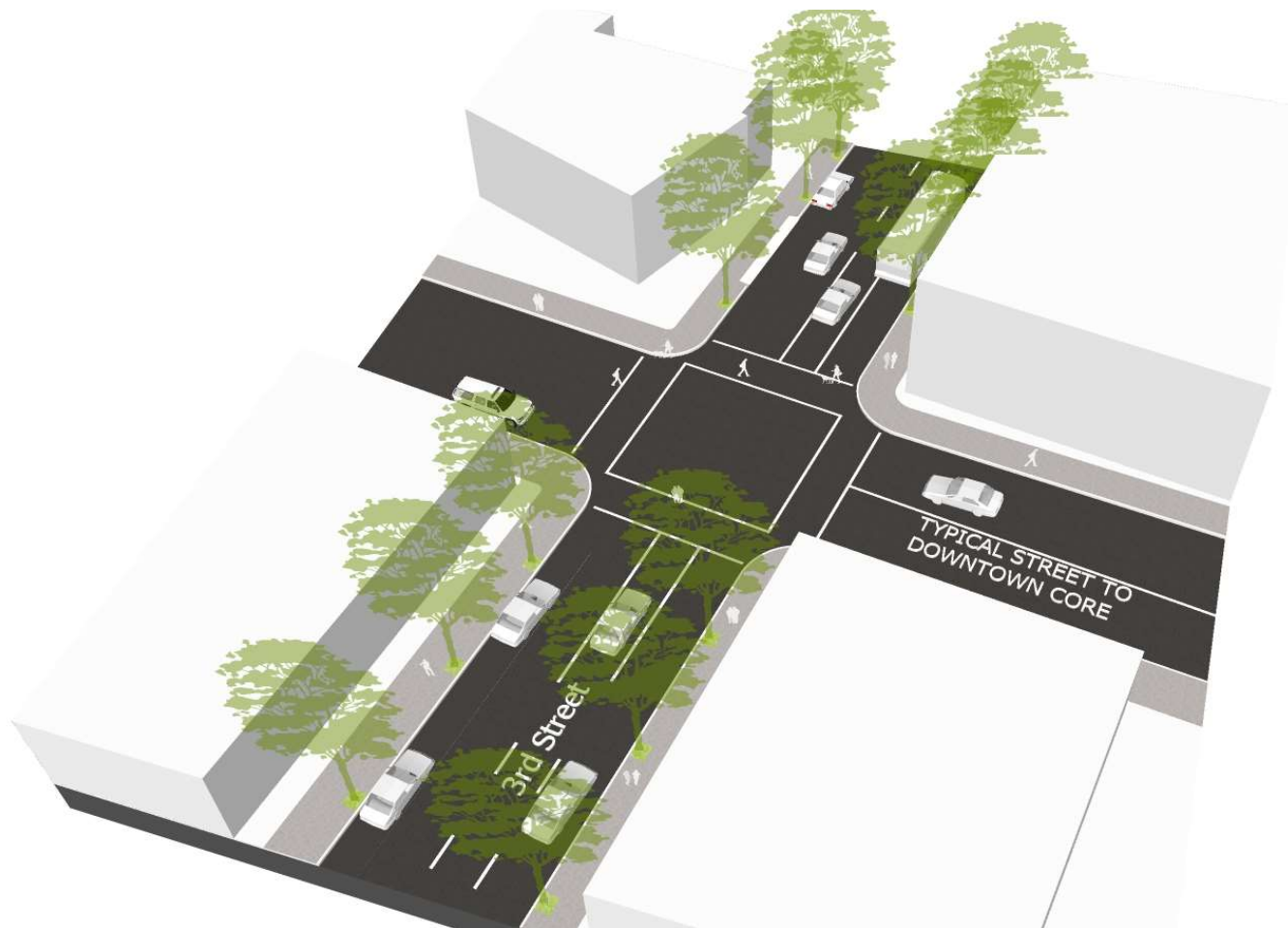
# *Intersection* **Enhancement**



# *Intersection* **Enhancement**



# *Intersection* **Enhancement**



# *Intersection* **Enhancement**

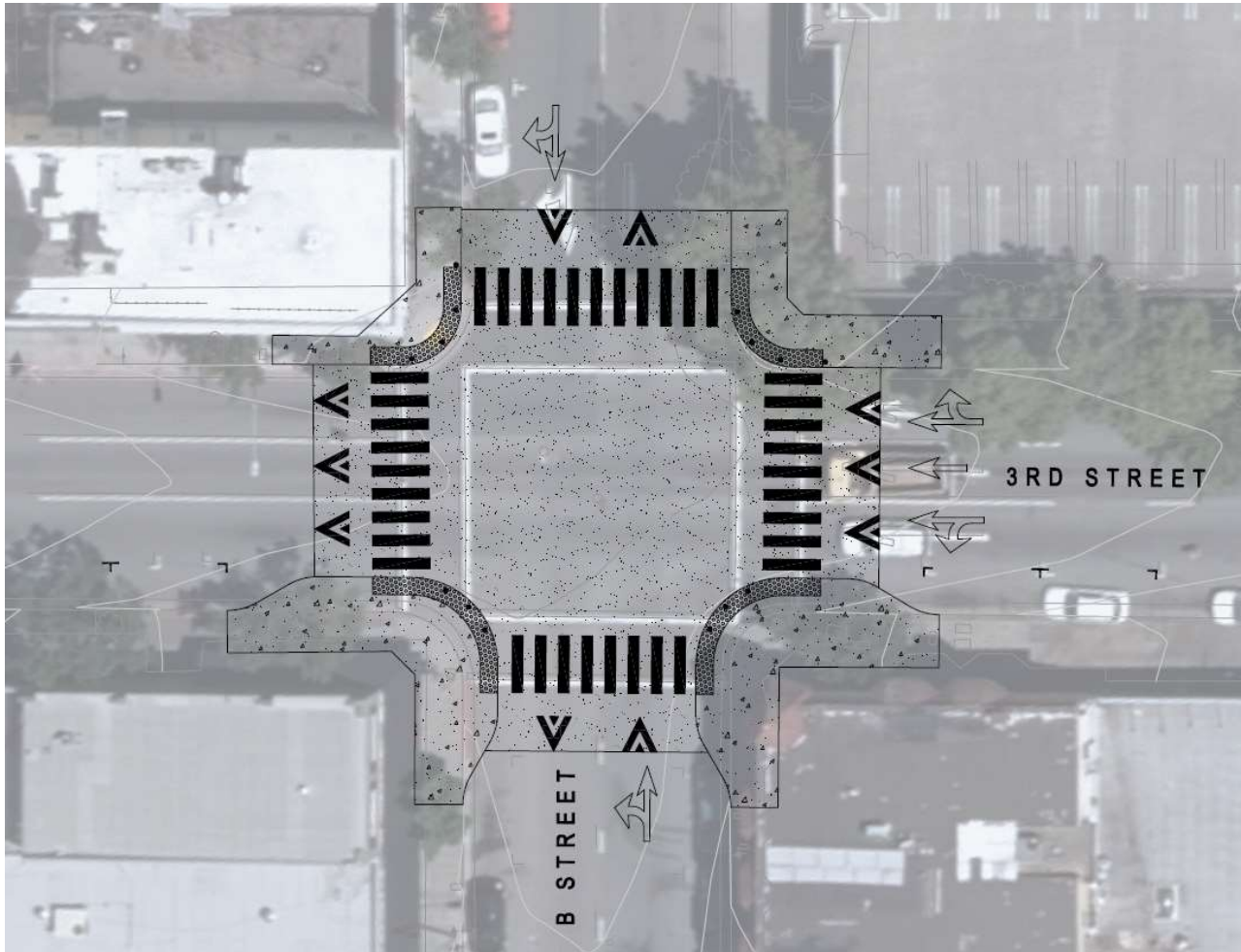




# *Intersection* **Enhancement**



# *Intersection* **Enhancement**

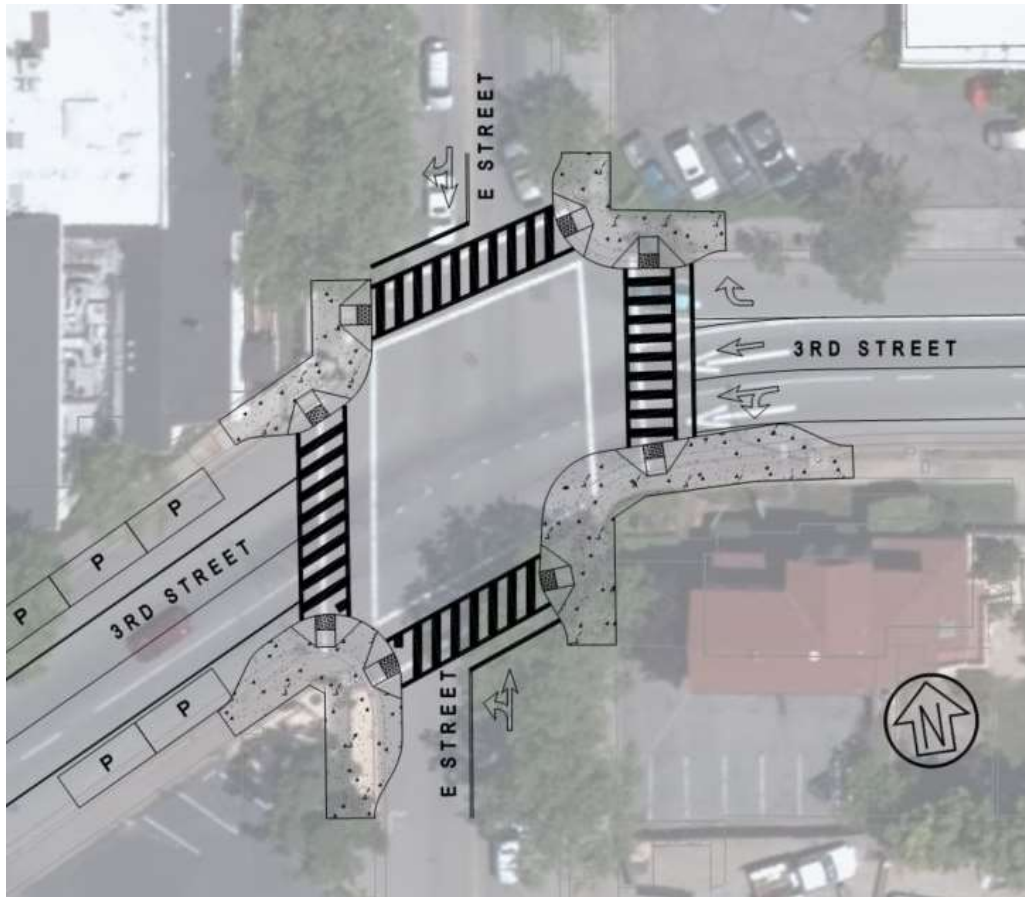


# *Intersection* **Enhancement**

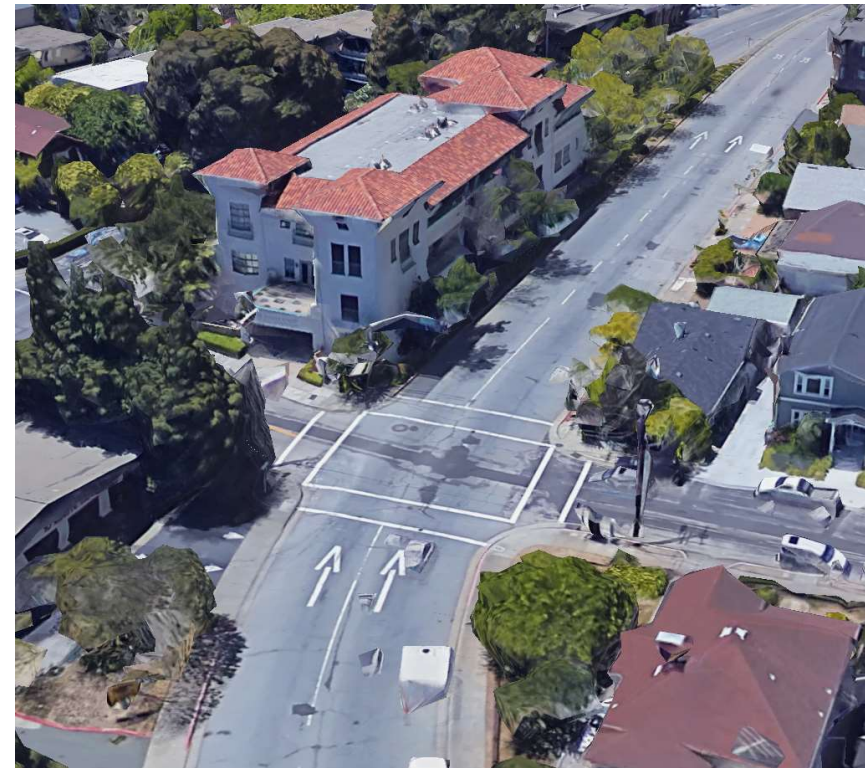
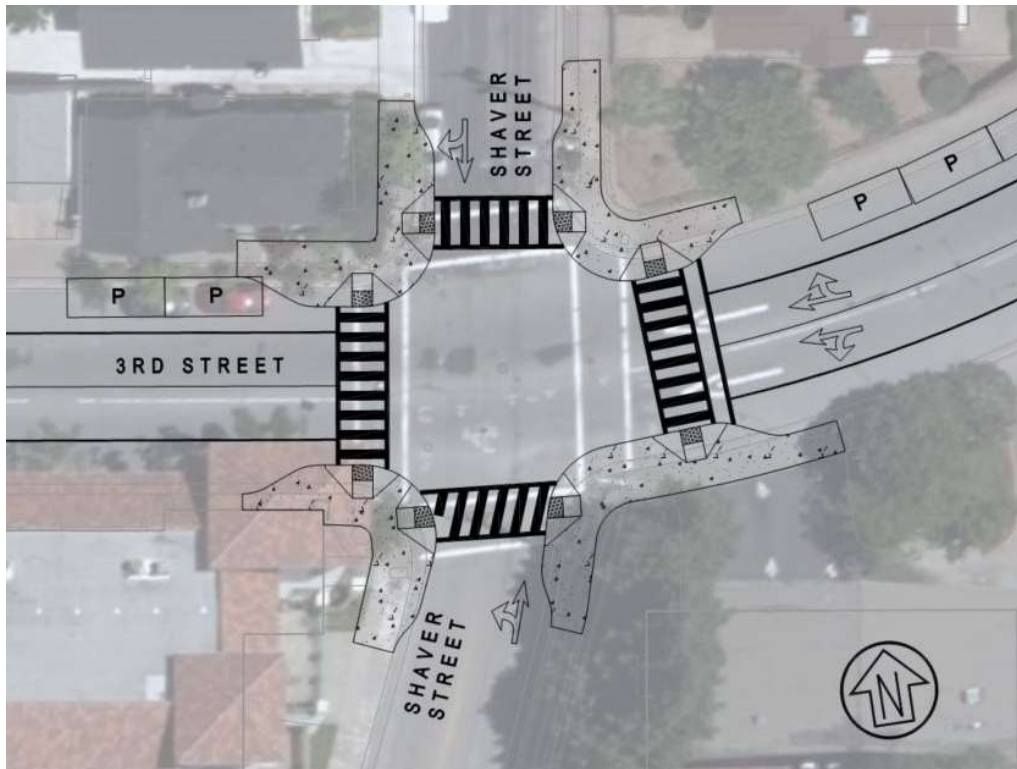


1. Raised intersection is typical for A, B, C, and D Streets

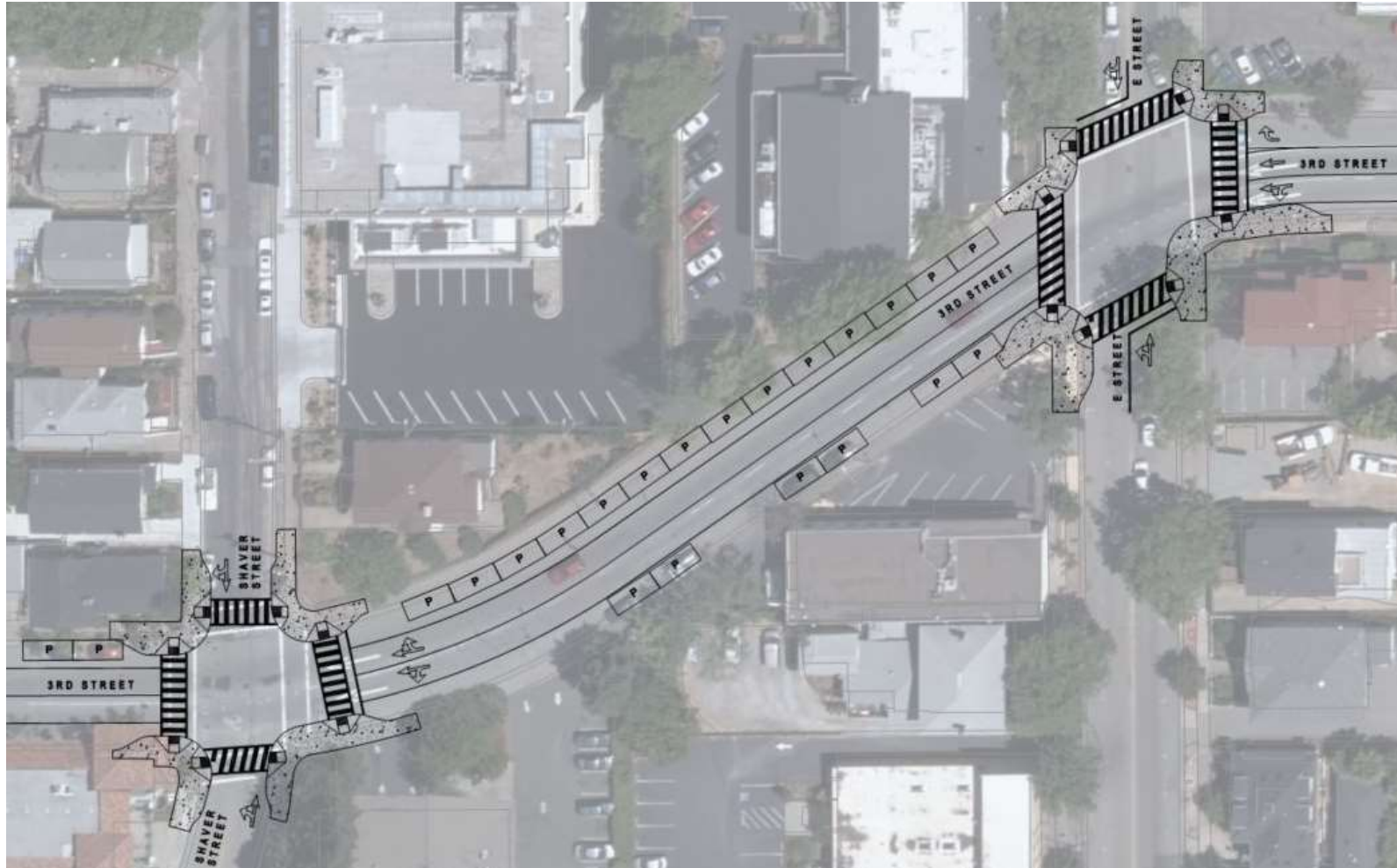
# *Intersection* **Enhancement**



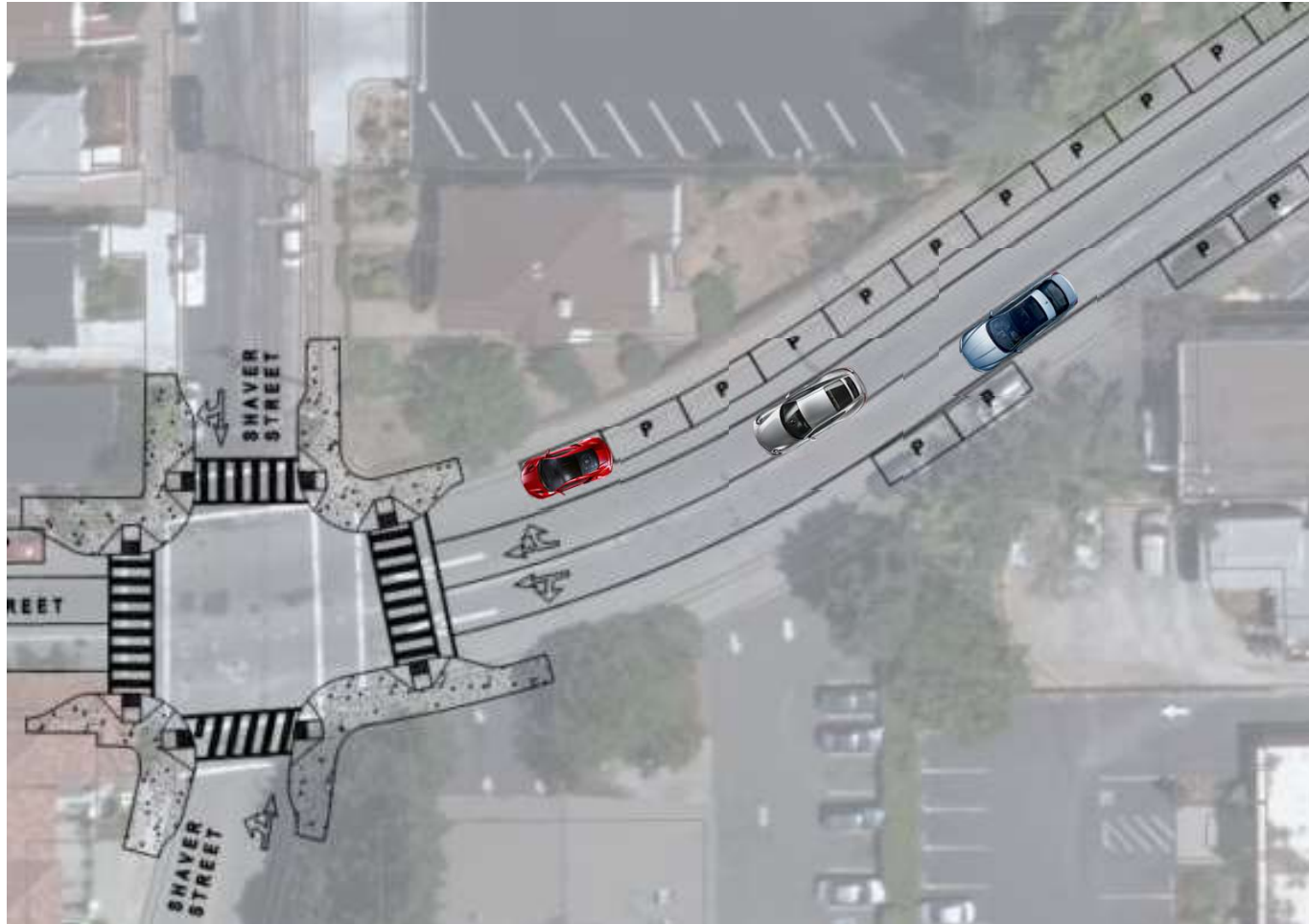
# *Intersection* **Enhancement**



# *Intersection* **Enhancement**



# *Intersection* **Enhancement**



# Traffic Signals



**YELLOW BAND  
NIGHTTIME VISIBILITY**



**COUNTDOWN SIGNALS**



**EMERGENCY VEHICLE PREEMPTION**



**LIGHTING**



**TOUCHLESS PEDESTRIAN  
PUSH BUTTONS**

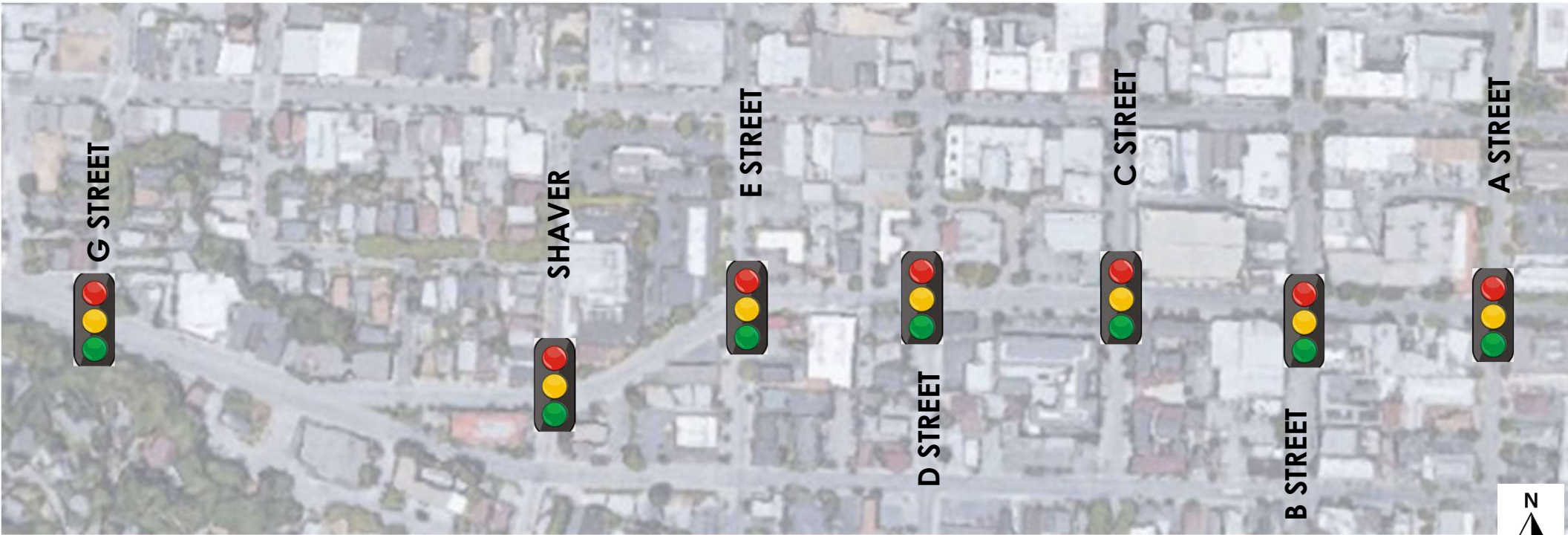


# Traffic Signals



1. Signal upgrades at Lindaro Street, Lincoln, Tamalpais Avenues, Irwin Street, and Grand Avenue.

# Traffic Signals



1. Signal upgrades at A, B, C, D, E, Shaver, and G Streets.



## To Provide Comment

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# PROJECT ELEMENTS - QUESTIONS



# SECOND STREET BICYCLE FACILITY

# Second Street Bicycle Facility



## Contents

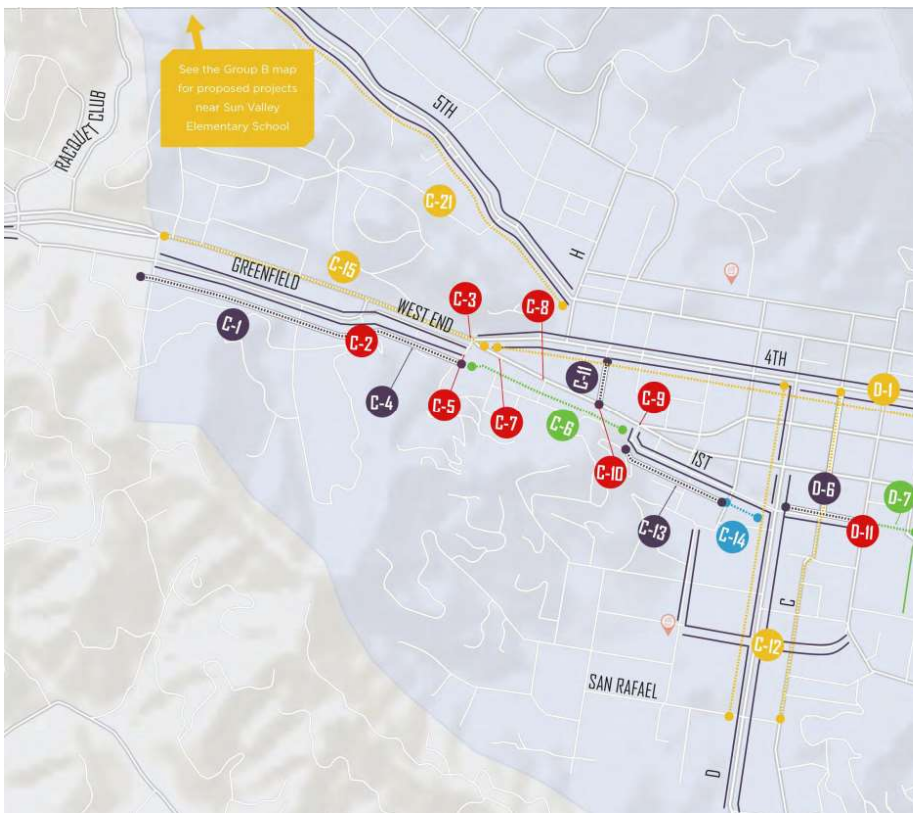
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### Purpose

Connecting San Rafael's 59,000 residents, 13,000 outside workers, and 30 neighborhoods through a continuous bicycle and pedestrian network will take work. But just how much and what type of work can be hard to pin down with changing economic conditions, community priorities, and governmental regulations. This plan aims to document the conditions for bicycling and walking in 2018 and outline steps needed to improve safety, act on community needs, and improve the mobility options for San Rafael residents, workers, and visitors.

The recommendations contained in this plan (and the rationale leading to those recommendations) are intended to provide San Rafael's City Council a starting point for assessing how the dedication of resources to improving bicycling and walking can impact overall community needs and priorities, as documented in the City's General Plan.

So, flip on through, and as you go, consider what a connected San Rafael might mean for you, your family, your friends, and your neighbors.



## Group C WEST END CONNECTIONS

Group C encompasses the West End neighborhood and parts of downtown San Rafael. A total of 21 projects are proposed in Group C, including portions of the Cross Marin Bikeway+ from the west City limit near San Anselmo to downtown and a **study** of a north-south bikeway connecting the Gerstle Park neighborhood with downtown.

### GROUP C - HIGHEST PRIORITY PROJECTS

- C-1** **D Street/ C Street from Fourth Street to San Rafael Avenue**  
Study the feasibility of a Class IV protected bikeway couplets or a Class III+ bicycle boulevard with wayfinding signage and traffic calming elements on D Street and C Street between Downtown and Gerstle Park.  
*Score: 92/100 | Group C Rank: 1st | Overall Rank: 3rd*
- C-2** **Fifth Avenue from River Oaks Road to H Street**  
Study parking occupancy rates and potential for bikeway connecting Sun Valley Elementary and downtown.  
*Score: 81/100 | Group C Rank: 2nd | Overall Rank: 11th*
- C-3** **Second Street from Fourth Street to Miramar Avenue**  
Create a Class I multi-use on Second Street between Fourth Street/Marquard Avenue and Miramar Avenue. Build retaining wall on south side of Second Street between Ida Street or G Street to Miramar Avenue to expand existing sidewalk width to accommodate a Class I multi-use path. Alternatively, remove westbound on-street motor vehicle parking on Second Street between Ida Street or G Street to Miramar Avenue, move and re-stripe median, and create a bi-directional Class IV separated bikeway.  
*Score: 80/100 | Group C Rank: 3rd | Overall Rank: 13th*

EXISTING   PROPOSED BIKEWAYS	OTHER PROPOSED PROJECTS
Multi-use Path (Class I)	To Be Determined
Bicycle Lane (Class II)	Intersection/Undercrossing
Bicycle Route (Class III)	<b>ACTIVITY GENERATORS</b>
Bicycle Boulevard (Class III+)	School
Protected Bikeway (Class IV)	
San Rafael City limits	

# *Class IV* **Bikeway**



# *Second Street* **Bicycle Facility**



**Ida Street**

**G Street**



**West Street**

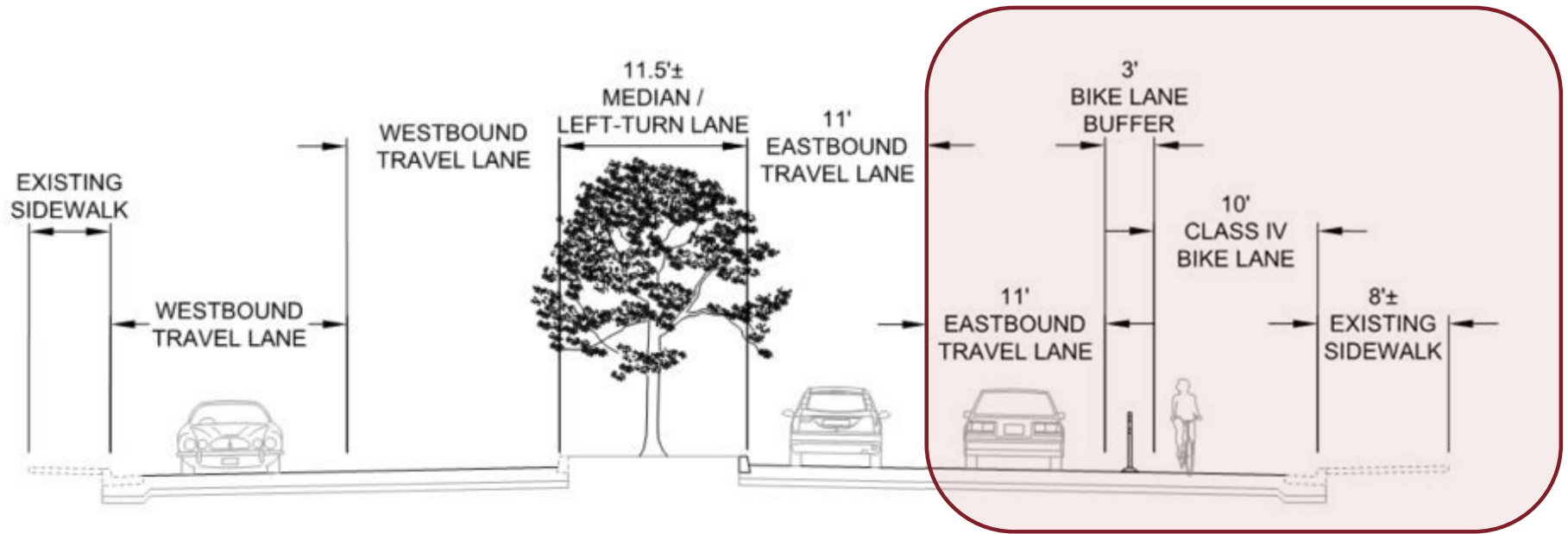
**East Street**

**Miramar Street**

**Hayes Street**

**Shaver Street**

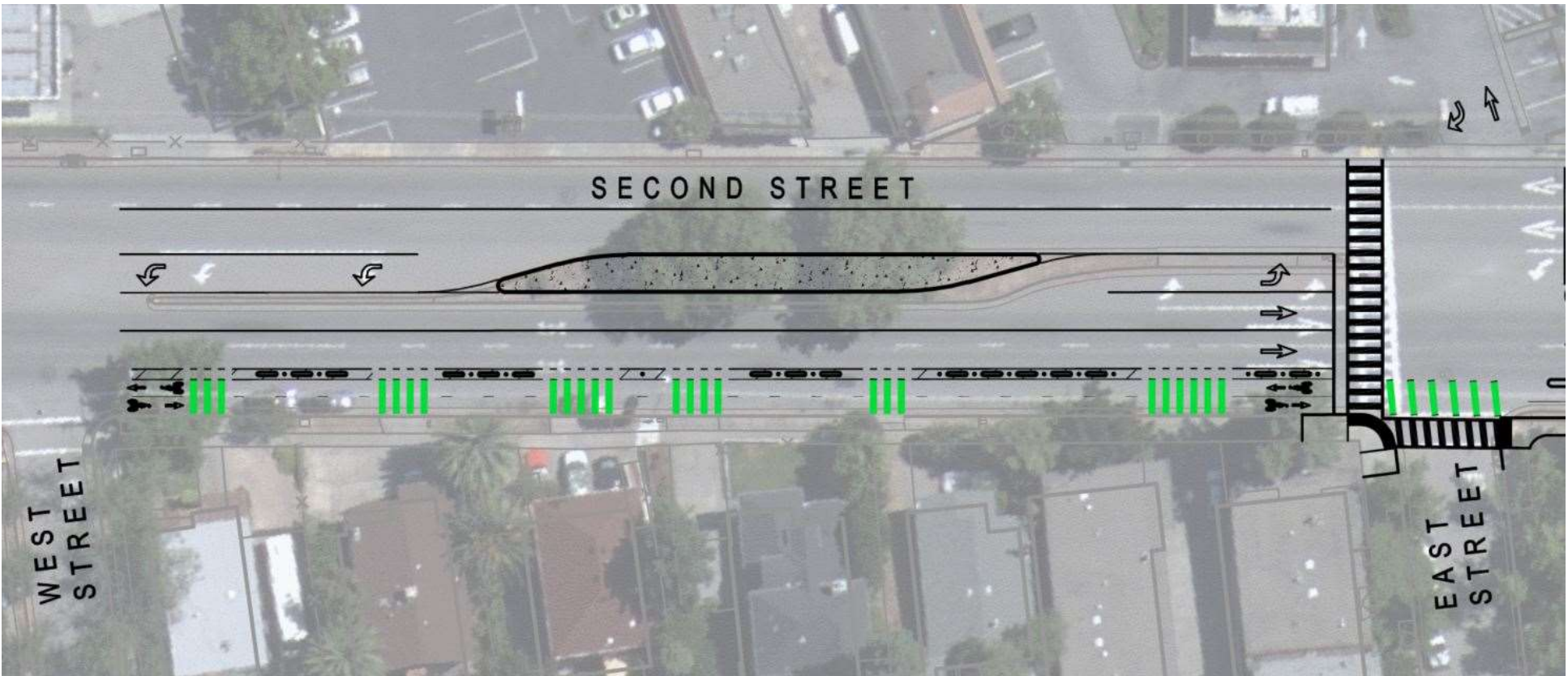
# Second Street **Bicycle Facility**



TYPICAL SECTION BETWEEN WEST AND EAST STREET



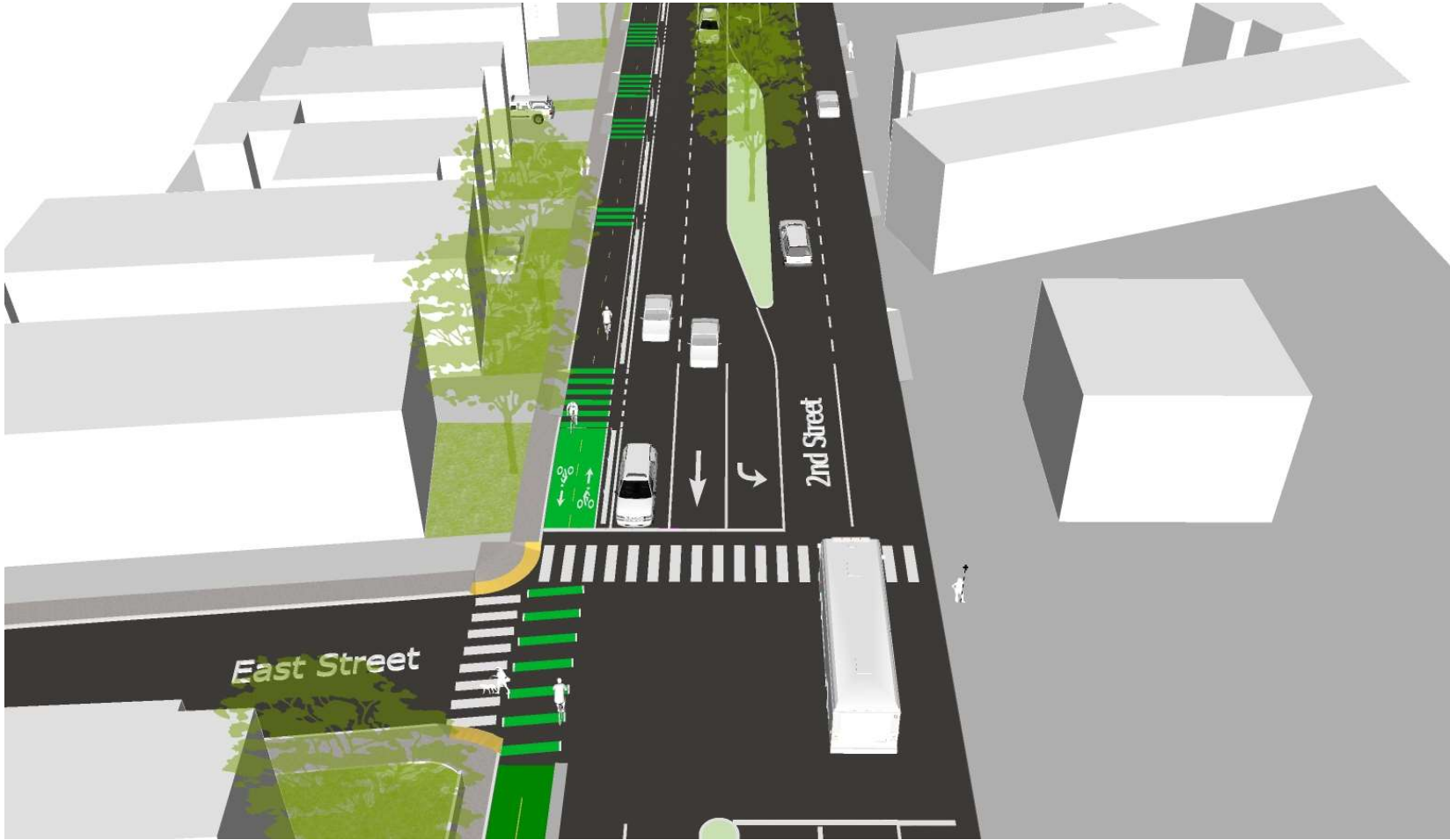
# Second Street **Bicycle Facility**



# *Second Street* **Bicycle Facility**



# *Second Street* **Bicycle Facility**



# *Second Street* **Bicycle Facility**

**West Street**

**East Street**



**Ida Street**

**G Street**

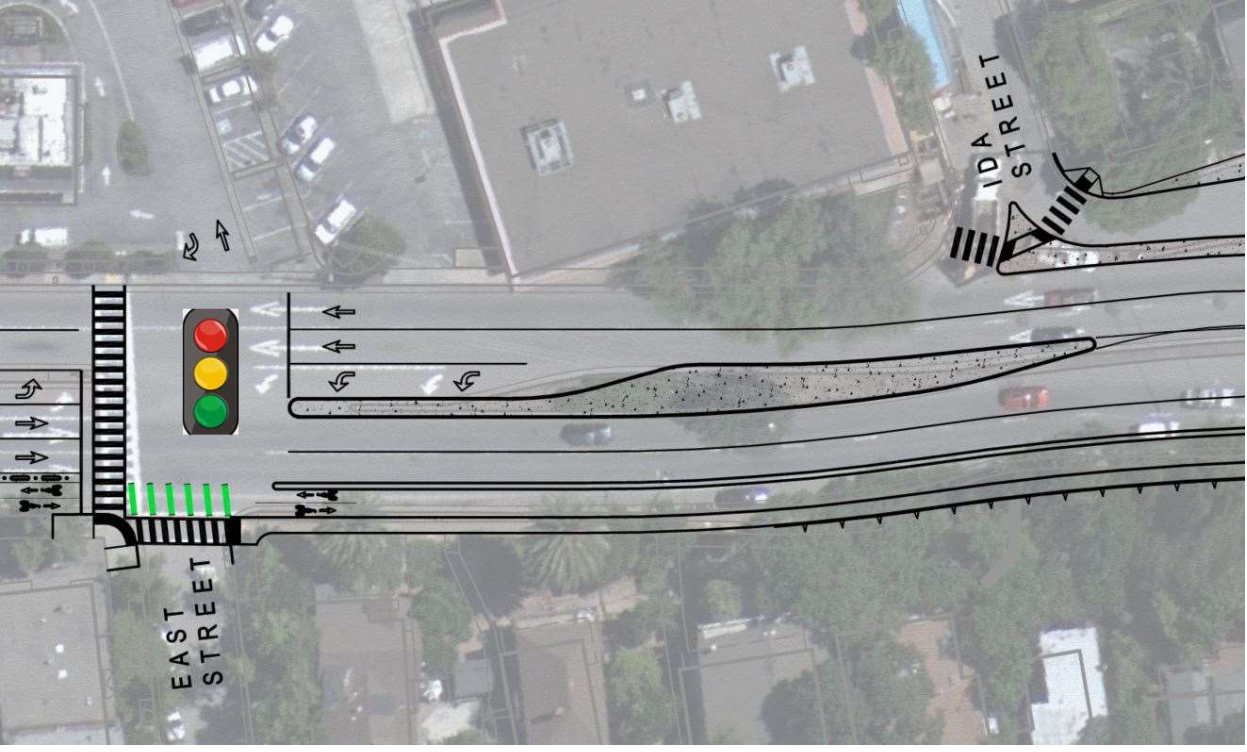
**Miramar Street**

**Hayes Street**

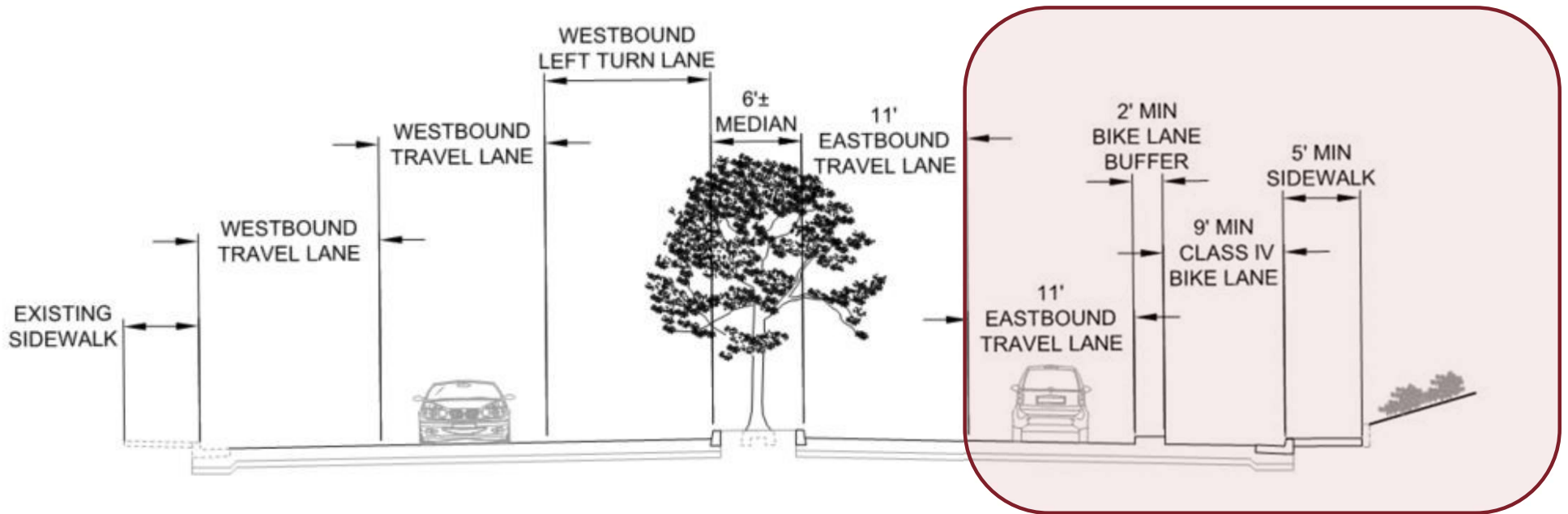
**Shaver Street**



# Second Street Bicycle Facility

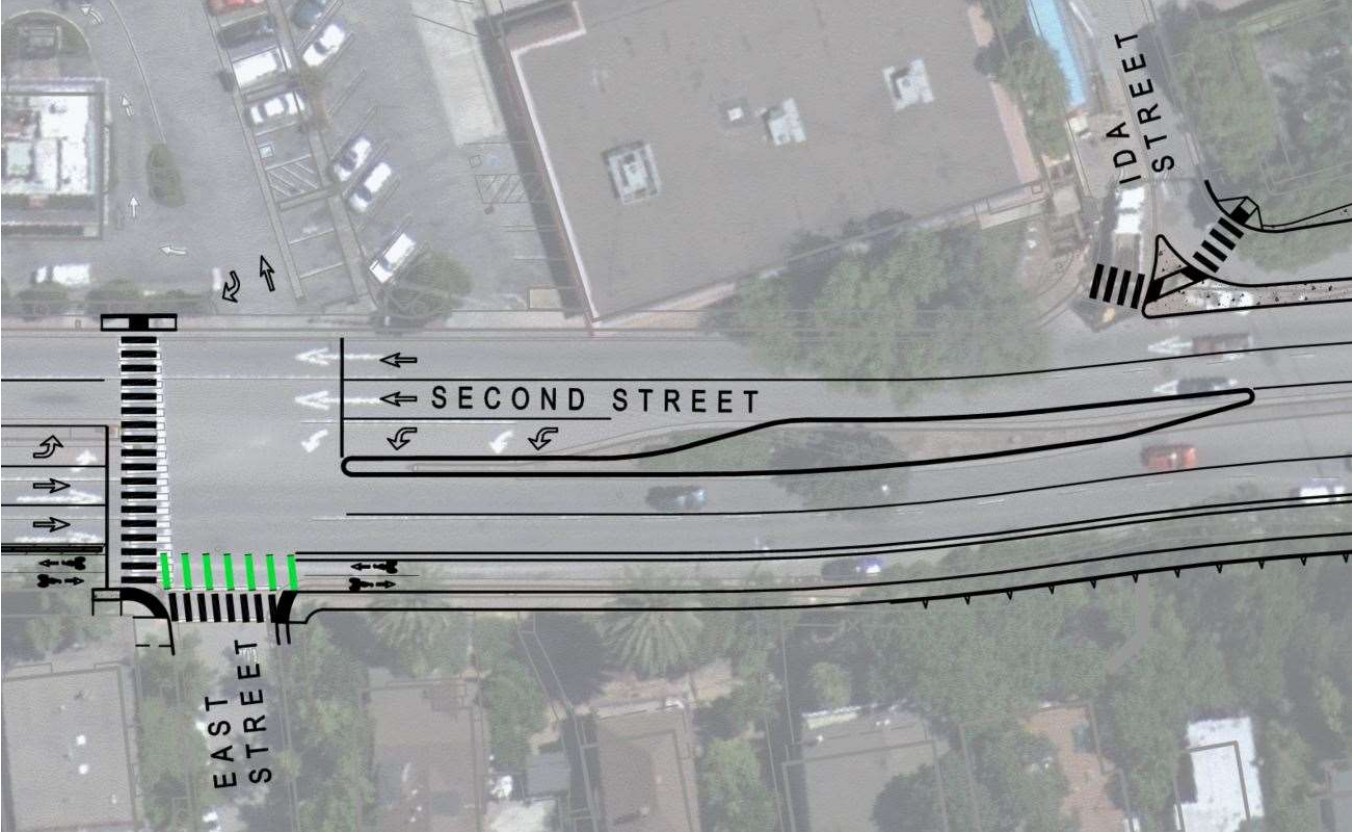


# Second Street **Bicycle Facility**



TYPICAL SECTION BETWEEN EAST AND IDA STREET

# Second Street **Bicycle Facility**



# *Second Street* **Bicycle Facility**

**Ida Street**

**G Street**



**West Street**

**East Street**



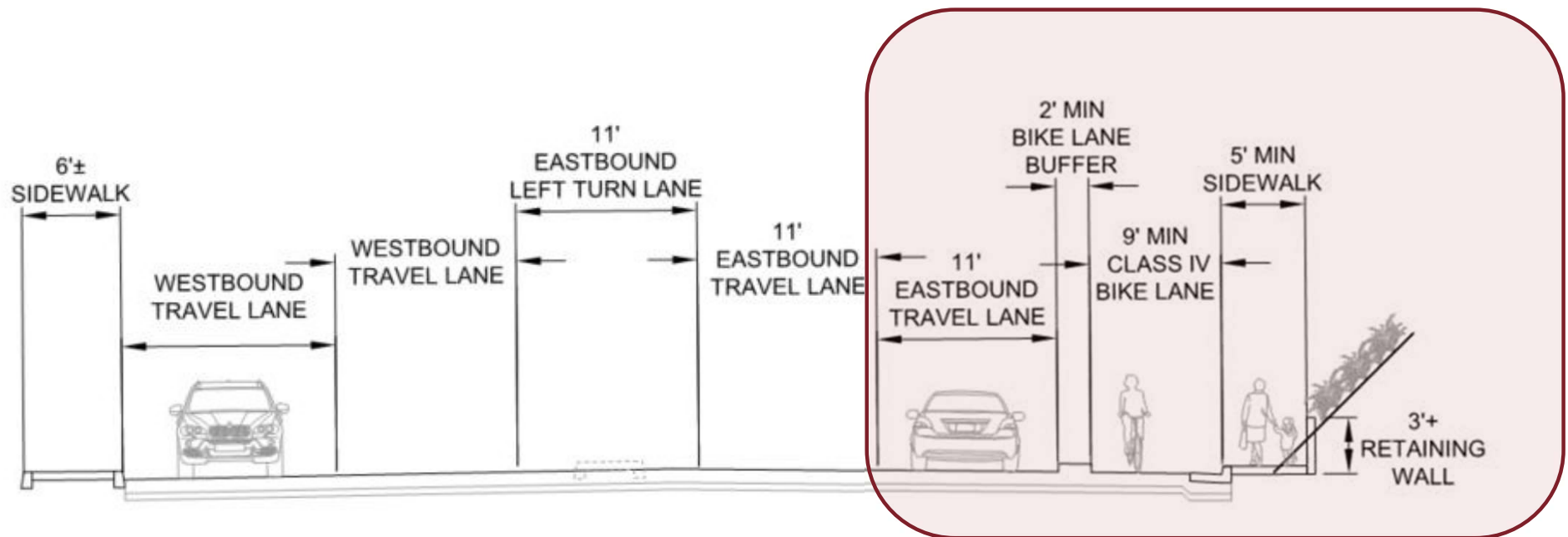
**Miramar Street**

**Hayes Street**

**Shaver Street**

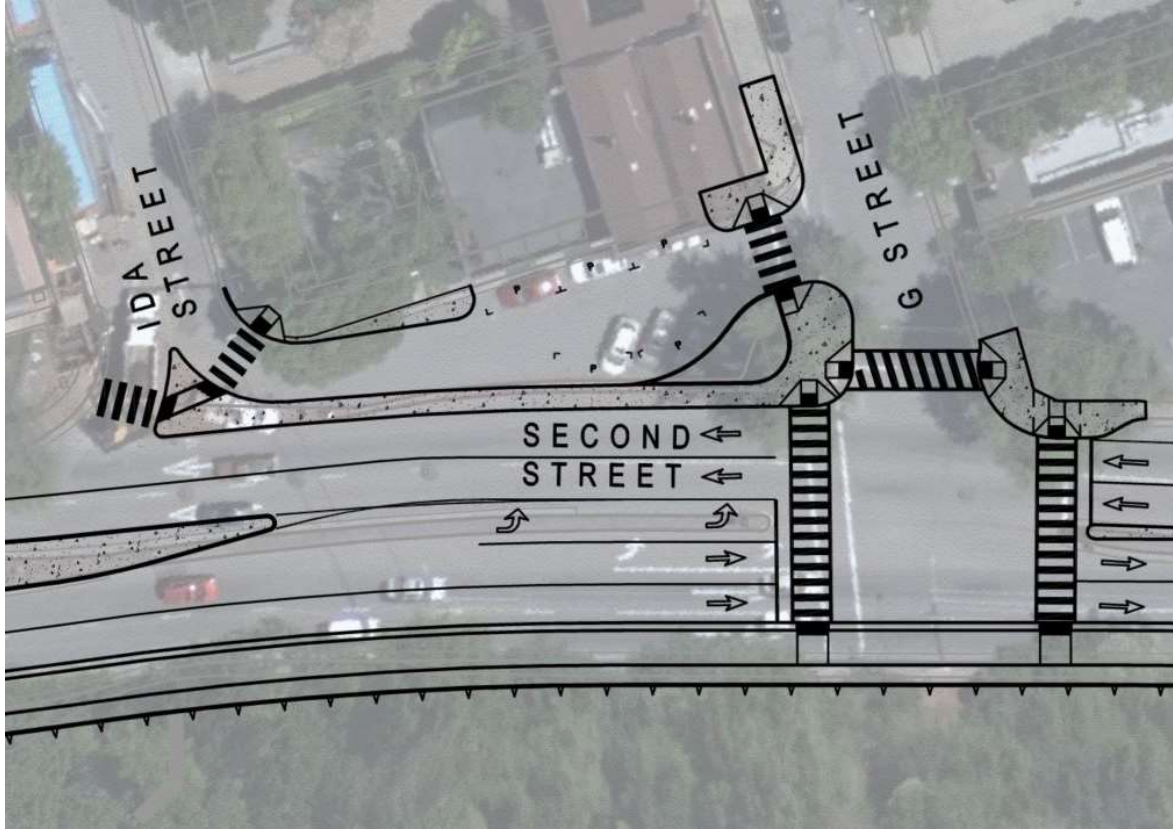


# Second Street **Bicycle Facility**



TYPICAL SECTION BETWEEN IDA AND G STREET

# Second Street **Bicycle Facility**



# *Second Street* **Bicycle Facility**



# *Second Street* **Bicycle Facility**



# *Second Street* **Bicycle Facility**



# *Second Street* **Bicycle Facility**



# *Second Street* **Bicycle Facility**



# *Second Street* **Bicycle Facility**

**Ida Street**

**G Street**



**West Street**

**East Street**

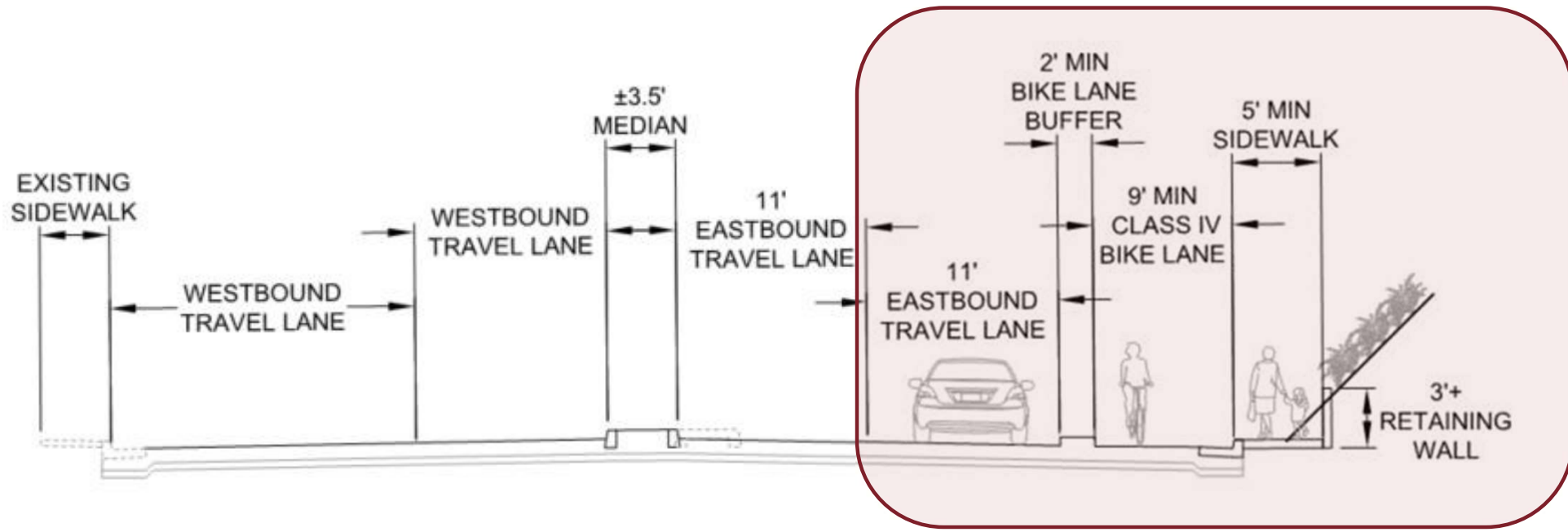
**Miramar Street**

**Hayes Street**

**Shaver Street**

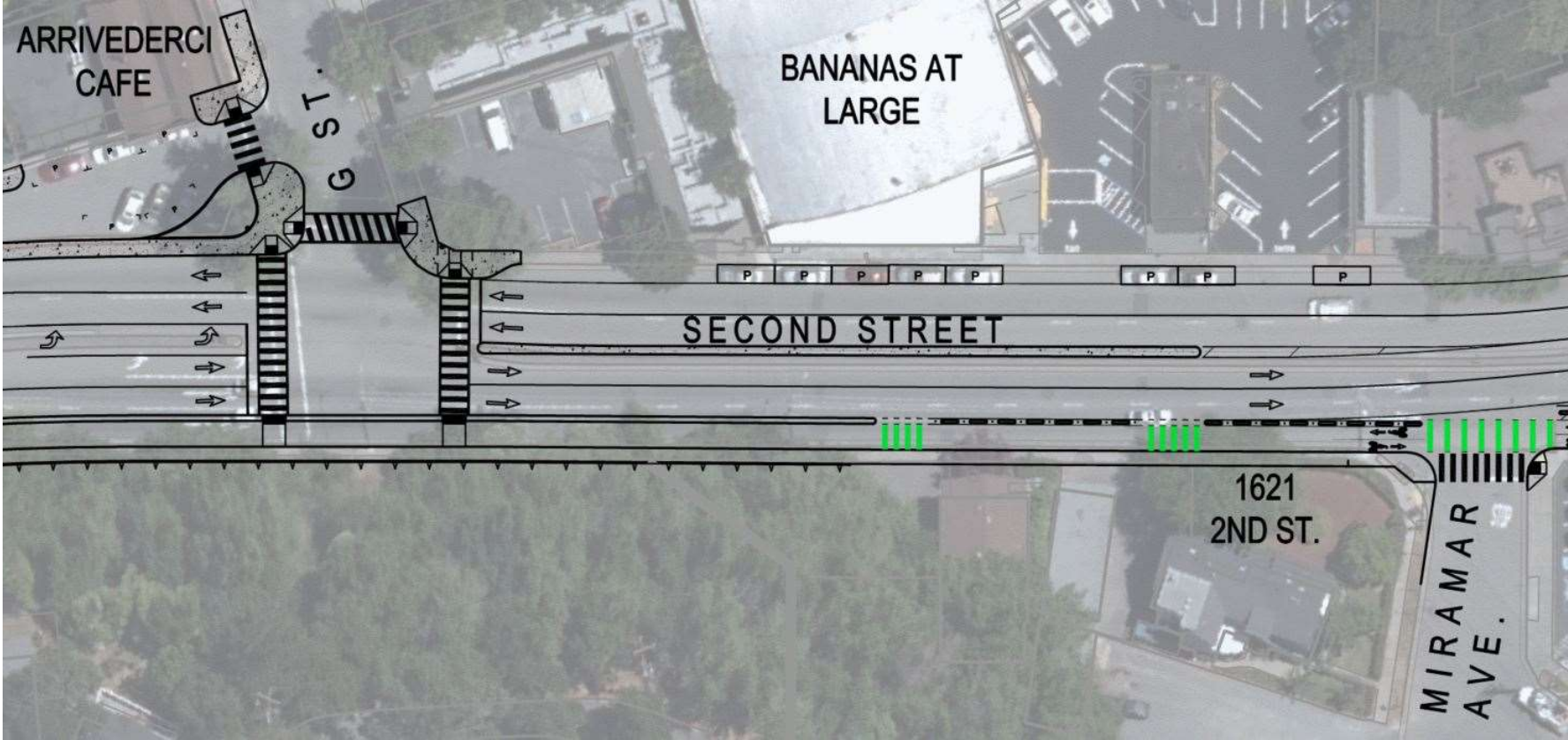


# Second Street **Bicycle Facility**



TYPICAL SECTION BETWEEN G ST. AND MIRAMAR AVE

# Second Street Bicycle Facility



# *Second Street* **Bicycle Facility**

**Ida Street**

**G Street**



**West Street**

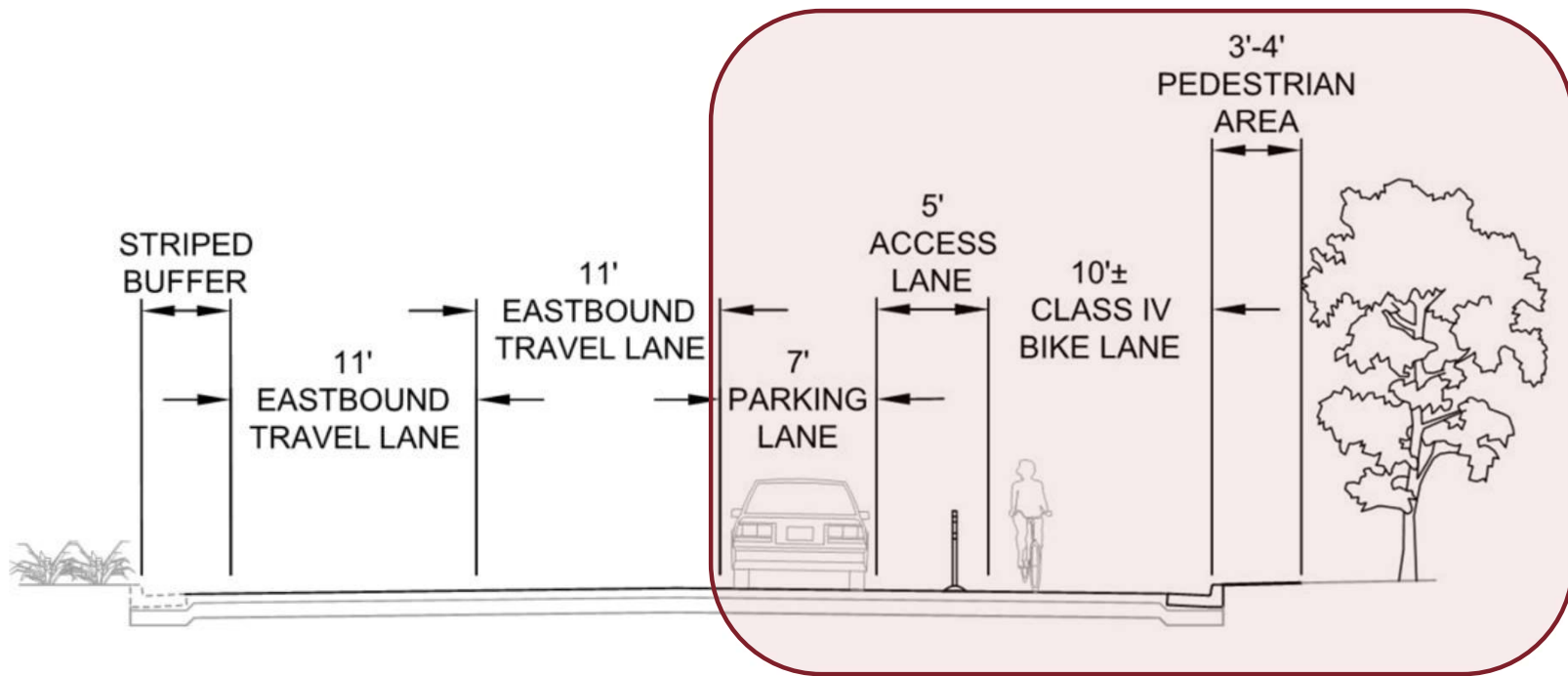
**East Street**

**Miramar Street**

**Hayes Street**

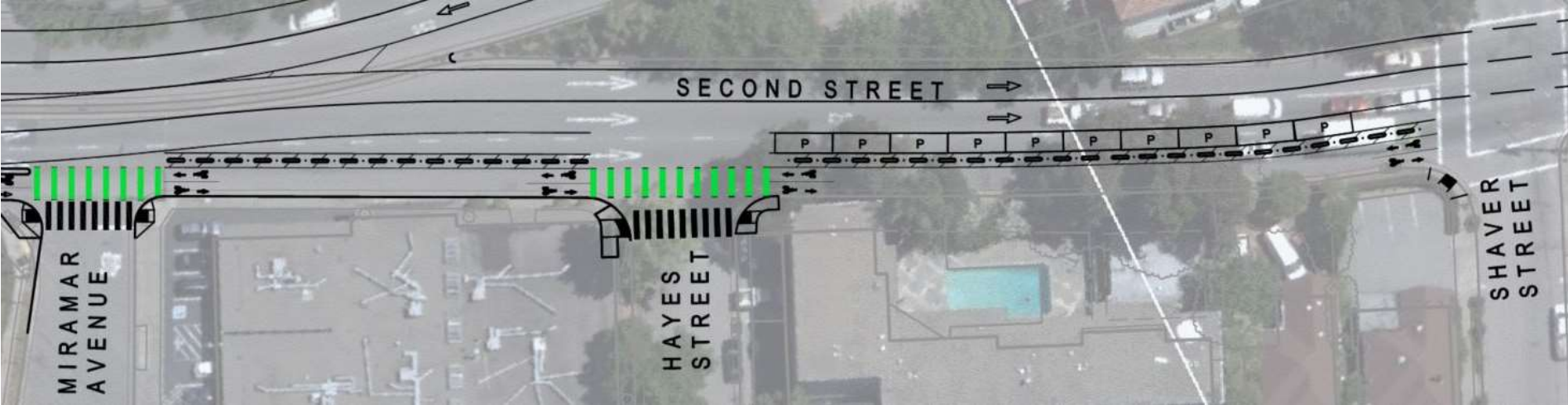
**Shaver Street**

# Second Street **Bicycle Facility**



TYPICAL SECTION BETWEEN HAYES AND SHAVER ST.

# Second Street **Bicycle Facility**



# *Second Street* **Parking Impact**



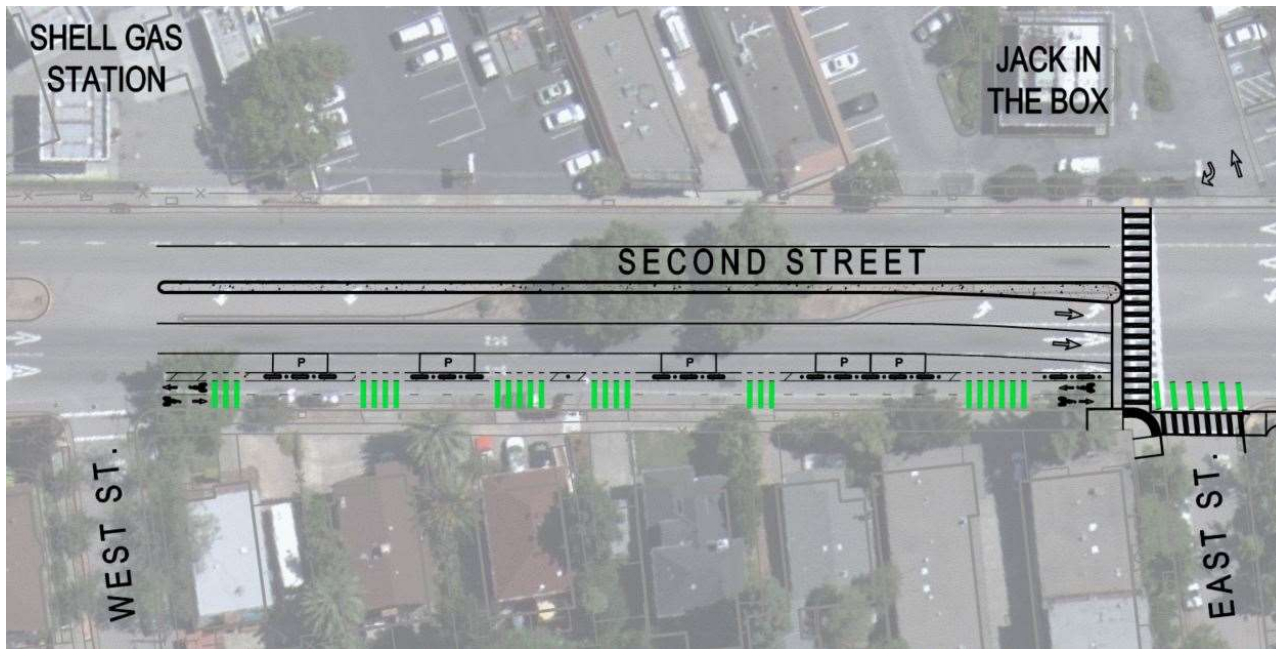
# *Second Street* **Parking Impact**



## **Proposed Second Street Project:**

1. Removes 16 on street parking stalls.
2. Improves parking between Shaver and Hayes Streets
3. Provides left turn access from west bound Second Street to shopping center.

# *Second Street* **Bicycle Facility**



1. Provides 5 stalls between West and East Street.
2. Removes left turn lane from west bound Second Street into shopping center.
3. Reduces median width.
4. Reduces visibility for vehicles leaving driveways along Second Street.



## To Provide Comment

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# SECOND STREET BICYCLE FACILITY - QUESTIONS



# TREES AND SUSTAINABILITY

# *Third Street* **Trees**



**KOELREUTERIA PANICULATA**  
**GOLDENRAIN TREE**



**CHITALPA TASHKENTENSIS**  
**CHITALPA**



**PISTACIA CHINESIS**  
**CHINESE PISTACHE**

Adaptive to warmer climates  
Drought tolerant

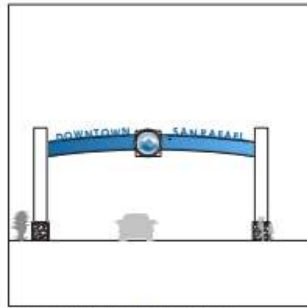
# Third Street Trees



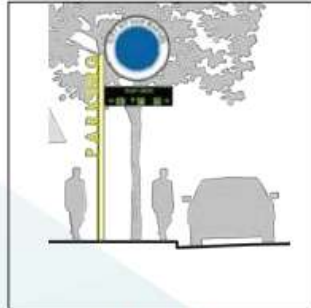
# Wayfinding Options



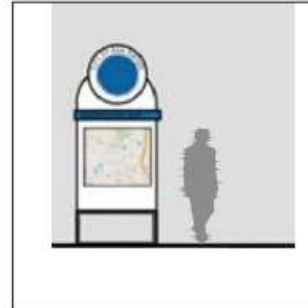
(E) SAN RAFAEL SIGN TO REMAIN (ARROWS INDICATE DIRECTION SIGN FACES)



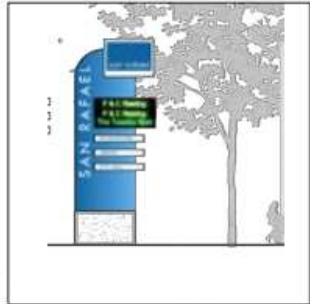
DOWNTOWN GATEWAY



STREET LEVEL PARKING SIGNAGE



PEDESTRIAN LEVEL SIGNAGE



MONUMENT SIGNAGE, APPROACH FROM HIGHWAY



STREET LEVEL VEHICLE<sup>®</sup> DIRECTIONAL SIGNAGE



SIDEWALK SIGNAGE



(E) BUSINESS DISTRICT SIGN

1. Entertainment, cultural historical, outdoor and other venues and activities such as: Falkirk Cultural Center, Mission San Rafael Arcangel, Albert Park, Boyd Park
2. Parking Lots
3. Wayfinding maps
4. Sidewalk signage for local and nearby destinations

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# TREES AND SUSTAINABILITY QUESTIONS



**NEXT STEPS**

# Additional Information

The screenshot shows the City of San Rafael website. The header includes the city logo and navigation links: RESIDENTS, BUSINESSES, VISITORS, DEPARTMENTS, NEWS, EVENTS, CONTACT. The breadcrumb trail reads: Public Works > Capital Improvement Program (CIP) and Active Projects > Third Street Corridor Rehab. The main heading is "Third Street Corridor Rehabilitation and Safety Improvements". The page contains two paragraphs of text describing the project's importance and funding. A map titled "3rd Street Projects" shows the project area with color-coded segments: blue for "3rd Street Rehabilitation - funded by TAM", orange for "3rd Street Highway Safety Improvement Program (HSIP)", and purple for "Proposed Development - funded priority". A sidebar on the left lists various projects, with "Third Street Corridor Rehab" highlighted. Contact information for Bill Guerin, Director of Public Works, is provided at the bottom.

Please provide your comments by  
**October 9, 2020**

April Miller, P.E.  
Senior Civil Engineer  
[April.Miller@cityofsanrafael.org](mailto:April.Miller@cityofsanrafael.org)



# Project Schedule



**We  
are  
here**



# THIRD STREET REHABILITATION COMMUNITY MEETING

September 23, 2020