

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH # 5082030

Project Title: Mathilda Avenue Improvements at SR 237 and US 101

Lead Agency: Caltrans, District 4 Contact Person: Jamie LeDent
Mailing Address: 111 Grand Avenue, Mail Station 8B Phone: 510-622-8729
City: Oakland Zip: 94612 County: Alameda

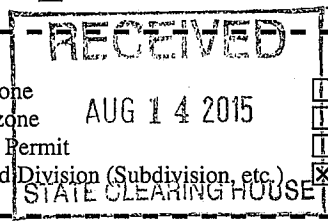
Project Location: County: Santa Clara City/Nearest Community: Sunnyvale
Cross Streets: SR 237/Mathilda Avenue and US 101/Mathilda Avenue interchanges Zip Code: 94089
Longitude/Latitude (degrees, minutes and seconds): 37 24 3 N / 122 1 38 W Total Acres:
Assessor's Parcel No.: Section: Twp.: Range: Base:
Within 2 Miles: State Hwy #: US 101, SR 237 Waterways: Sunnyvale West Channel
Airports: Moffett Field Railways: VTA Light Rail Schools: Sunnyvale

Document Type:

CEQA: [X] NOP [] Draft EIR NEPA: [] NOI Other: [] Joint Document
[] Early Cons [] Supplement/Subsequent EIR [] EA [] Final Document
[] Neg Dec (Prior SCH No.) [] Draft EIS [] Other:
[] Mit Neg Dec Other:

Local Action Type:

[] General Plan Update [] Specific Plan [] Rezone [] Annexation
[] General Plan Amendment [] Master Plan [] Prezone [] Redevelopment
[] General Plan Element [] Planned Unit Development [] Use Permit [] Coastal Permit
[] Community Plan [] Site Plan [] Land Division (Subdivision, etc.) [] Other: Encroachment



Development Type:

[] Residential: Units Acres
[] Office: Sq.ft. Acres Employees [X] Transportation: Type Interchange/Street Improvements
[] Commercial: Sq.ft. Acres Employees [] Mining: Mineral
[] Industrial: Sq.ft. Acres Employees [] Power: Type MW
[] Educational: [] Waste Treatment: Type MGD
[] Recreational: [] Hazardous Waste: Type
[] Water Facilities: Type MGD [] Other:

Project Issues Discussed in Document:

[X] Aesthetic/Visual [] Fiscal [] Recreation/Parks [X] Vegetation
[] Agricultural Land [X] Flood Plain/Flooding [] Schools/Universities [X] Water Quality
[X] Air Quality [] Forest Land/Fire Hazard [] Septic Systems [] Water Supply/Groundwater
[X] Archeological/Historical [X] Geologic/Seismic [] Sewer Capacity [X] Wetland/Riparian
[X] Biological Resources [] Minerals [] Soil Erosion/Compaction/Grading [] Growth Inducement
[] Coastal Zone [X] Noise [] Solid Waste [X] Land Use
[X] Drainage/Absorption [] Population/Housing Balance [X] Toxic/Hazardous [X] Cumulative Effects
[] Economic/Jobs [X] Public Services/Facilities [X] Traffic/Circulation [] Other:

Present Land Use/Zoning/General Plan Designation:

Project Description: (please use a separate page if necessary)

Santa Clara Valley Transportation Authority (VTA) in cooperation with the California Department of Transportation (Caltrans) proposes to reconfigure lanes on Mathilda Avenue and modify the US 101/Mathilda Avenue and SR 237/Mathilda Avenue interchanges. Two Build Alternatives would be studied and improvements include ramp modifications; removal, addition and modification of signalized intersections; pavement rehabilitation; enhanced bicycle and pedestrian facilities; and modifications to public utilities, storm water facilities, street lighting, ramp metering, and signage.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "X".
If you have already sent your document to the agency please denote that with an "S".

- | | |
|---|---|
| <input checked="" type="checkbox"/> Air Resources Board | <input checked="" type="checkbox"/> Office of Historic Preservation |
| <input type="checkbox"/> Boating & Waterways, Department of | <input type="checkbox"/> Office of Public School Construction |
| <input type="checkbox"/> California Emergency Management Agency | <input checked="" type="checkbox"/> Parks & Recreation, Department of |
| <input checked="" type="checkbox"/> California Highway Patrol | <input type="checkbox"/> Pesticide Regulation, Department of |
| <input checked="" type="checkbox"/> Caltrans District # <u>4</u> | <input checked="" type="checkbox"/> Public Utilities Commission |
| <input type="checkbox"/> Caltrans Division of Aeronautics | <input checked="" type="checkbox"/> Regional WQCB # <u>2</u> |
| <input type="checkbox"/> Caltrans Planning | <input checked="" type="checkbox"/> Resources Agency |
| <input type="checkbox"/> Central Valley Flood Protection Board | <input checked="" type="checkbox"/> Resources Recycling and Recovery, Department of |
| <input type="checkbox"/> Coachella Valley Mtns. Conservancy | <input type="checkbox"/> S.F. Bay Conservation & Development Comm. |
| <input type="checkbox"/> Coastal Commission | <input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy |
| <input type="checkbox"/> Colorado River Board | <input type="checkbox"/> San Joaquin River Conservancy |
| <input type="checkbox"/> Conservation, Department of | <input type="checkbox"/> Santa Monica Mtns. Conservancy |
| <input type="checkbox"/> Corrections, Department of | <input checked="" type="checkbox"/> State Lands Commission |
| <input type="checkbox"/> Delta Protection Commission | <input type="checkbox"/> SWRCB: Clean Water Grants |
| <input type="checkbox"/> Education, Department of | <input type="checkbox"/> SWRCB: Water Quality |
| <input checked="" type="checkbox"/> Energy Commission | <input type="checkbox"/> SWRCB: Water Rights |
| <input checked="" type="checkbox"/> Fish & Game Region # <u>3</u> | <input type="checkbox"/> Tahoe Regional Planning Agency |
| <input type="checkbox"/> Food & Agriculture, Department of | <input checked="" type="checkbox"/> Toxic Substances Control, Department of |
| <input type="checkbox"/> Forestry and Fire Protection, Department of | <input checked="" type="checkbox"/> Water Resources, Department of |
| <input checked="" type="checkbox"/> General Services, Department of | Other: _____ |
| <input type="checkbox"/> Health Services, Department of | Other: _____ |
| <input checked="" type="checkbox"/> Housing & Community Development | |
| <input checked="" type="checkbox"/> Native American Heritage Commission | |

Local Public Review Period (to be filled in by lead agency)

Starting Date August 18, 2015 Ending Date September 16, 2015

Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: <u>Caltrans District 4</u>
Address: _____	Address: <u>111 Grand Avenue, Mail Station 8B</u>
City/State/Zip: _____	City/State/Zip: <u>Oakland, CA 94612</u>
Contact: _____	Phone: <u>(510) 622-8729</u>
Phone: _____	

Signature of Lead Agency Representative:  Date: 8/12/15

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

NOTICE OF PREPARATIONTo: _____

_____From: Caltrans, District 4
111 Grand Avenue, MS 8B
Oakland, CA 94612Subject: **Notice of Preparation of a Draft Environmental Impact Report**
*Reference: California Code of Regulations, Title 14, (CEQA Guidelines) Sections 15082(a), 15103, 15375.*Project Title: Mathilda Avenue Improvements at SR 237 and US 101 ProjectProject Location: City of Sunnyvale, Santa Clara County, California

Project Description: The Project proposes to reconfigure lanes on Mathilda Avenue and modify the US 101/Mathilda Avenue and SR 237/Mathilda Avenue interchanges. The purpose of the Project is to reduce congestion on Mathilda Avenue, improve mobility for all travel modes, and provide better access to local destinations. The Project is needed to address existing roadway deficiencies including closely spaced intersections and uncontrolled ramp movements.

This notice is to inform you that the California Department of Transportation, in cooperation with the Santa Clara Valley Transportation Authority (VTA) and the City of Sunnyvale, will be the lead agency and will prepare an Environmental Impact Report (EIR) for the Mathilda Avenue Improvements at SR 237 and US 101 Project. Your participation as a responsible agency is requested in the preparation and review of this document.

We need to know the views of your agency as to the scope and content of the environmental information that is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency will need to use the EIR prepared by our agency when considering your permit or other approval for the project.

We are also interested to hear general public views on the scope and content of the environmental document.

A more detailed project description, location map, and the potential environmental effects are contained in the attached materials.

A copy of the Initial Study (is) (is not) attached.

Due to the time limits mandated by State law, your response must be sent at the earliest possible date but not later than 30 days after receipt of this notice.

Please mail or e-mail your response to Jamie Le Dent, Branch Chief, 111 Grand Avenue MS 8B, Oakland, CA 94612, CA or jamie.ledent@dot.ca.gov.

Date

8/12/2015

Signature

Title



 Branch Chief

Notice of Preparation of a Draft Environmental Impact Report

SUPPLEMENTAL PROJECT INFORMATION:

Introduction

The California Department of Transportation (Caltrans), in cooperation with the Santa Clara Valley Transportation Authority (VTA) and the City of Sunnyvale, propose to improve Mathilda Avenue in the City of Sunnyvale from Almanor Avenue to Innovation Way, including on- and off-ramp improvements at the State Route (SR) 237/Mathilda Avenue and US 101/Mathilda Avenue interchanges. The Project limits are shown in Figure 1.

Purpose and Need

The purpose of the Mathilda Avenue Improvements at SR 237 and US 101 Project is to:

- Reduce congestion and improve traffic operations along Mathilda Avenue and at the SR 237/Mathilda Avenue and US 101/Mathilda Avenue interchanges.
- Improve mobility for all travel modes in the area including motor vehicles, transit, bicycles, and pedestrians.
- Provide standard crosswalks and sidewalks along Mathilda Avenue, improving access to local destinations such as Moffett Park, the VTA LRT stations, and downtown Sunnyvale.

The Project is needed for the following reasons:

- Regional growth and new local development combined with inefficient roadway operations has resulted in substantial traffic congestion on Mathilda Avenue.
- Efficient access for all travel modes into and out of downtown Sunnyvale and development to the north of SR 237 is critical to a healthy and sustainable economy. Congestion on Mathilda Avenue adversely affects the economic vitality of the City of Sunnyvale.

Overall, the Project is needed to address several issues in the Project area including roadway deficiencies, lack of or discontinuous bicycle and pedestrian access, improvement of local roadway and freeway ramp operations, and provision of access to current and future economic development.

Project Description and Alternatives

The Project alternatives that were developed to meet the purpose and need of the Project are Build Alternative 1, Build Alternative 2, and the No-Build Alternative (refer to Figure 2). Under the No-Build Alternative, no changes would be made to the existing local roadways or freeway system within the Project limits. No construction activities would occur, and there would be no change in the operations of the existing facilities.

The design features of the two (2) Build Alternatives include reconfiguration of the US 101 and SR 237 interchanges with Mathilda Avenue. This includes ramp modifications; removal, addition and modification of signalized intersections; pavement rehabilitation; and enhanced bicycle and pedestrian

facilities. In addition, the Build Alternatives would require modification to utilities, storm water facilities, street lighting, ramp metering, and signage.

Roadway Improvements

The Build Alternatives would consist of the following roadway improvements:

- Provide three continuous through lanes in each direction of Mathilda Avenue
- Remove northbound US 101 loop off-ramp and shift traffic to northbound US 101 diagonal off-ramp
- Realign and widen northbound ramps and signalize ramp intersection with Mathilda Avenue, and construct left-turn lane on southbound Mathilda Avenue to access northbound US 101 loop on-ramp
- Realign southbound US 101 off-ramp and loop on-ramp and signalize ramp intersection with Mathilda Avenue
- Modify Mathilda Avenue / Ross Drive signal intersection
- Close Moffett Park Drive between Bordeaux Drive and Mathilda Avenue and shift traffic to Bordeaux Drive and Innovation Way
- Remove westbound SR 237 ramp signal intersection. Realign westbound SR 237 off-ramp opposite Moffett Park Drive and modify signal intersection
- Build Alternative 1 would modify westbound SR 237 ramps to provide a diamond configuration (see Figure 2a)
- Build Alternative 2 would modify Mathilda Avenue and SR 237 ramps to provide a diverging diamond configuration (see Figure 2b and Figure 3). Eastbound Moffett Park Drive between Innovation Way and Mathilda Way would be diverted to Innovation Way to access Mathilda Avenue

Bicycle and Pedestrian Facilities

A Class III bicycle route is proposed on both sides of Mathilda Avenue between Almanor Avenue and Innovation Way. The bicycle lanes would connect with the existing signed on-street bicycle route north of Innovation Way. Bicycle access would also be maintained on Moffett Park Drive between Bordeaux Drive and Innovation Way.

Continuous sidewalks would be provided along both sides of Mathilda Avenue except on the west side of Mathilda between Ross Drive and Moffett Park Drive due to width restrictions at the SR 237 Undercrossing. Crosswalks would be maintained at Ross Drive and Moffett Park Drive to allow pedestrians to cross Mathilda Avenue. New crosswalks at ramp intersections would be signalized.

Probable Environmental Effects

Based on preliminary surveys and information, Caltrans has identified the following main subject areas for analysis in the EIR. The scope of environmental analysis will be modified based on input from this NOP and project scoping.

Air Quality

An air quality conformity analysis will be conducted to quantify the effects of the Project on the ambient air quality of the project study area and the region. An Air Quality Study Report will be completed and summarized in the environmental document along with suggested Best Management Practices (BMPs) to reduce impacts to air quality during construction.

Biological Resources

A study will be conducted to determine which wildlife or plant species habitat, if any, are likely to be found within the project study area. The environmental document will summarize this study and any associated mitigation measures, and include a discussion of trees that could potentially be impacted by the Project.

Community Impacts

Potential social, economic, public services, land use and growth impacts will be discussed and addressed in the environmental document, including potential community concerns during construction of the Project.

Cultural Resources

Identification and analysis of historic and archaeological resources within or adjacent to the project study area will be conducted and addressed in the environmental document.

Geology and Soils

A Preliminary Geological Assessment of existing geological conditions (e.g., active faults, landslides, liquefiable soils) will be completed and summarized in the environmental document.

Hazardous Materials

An Initial Site Assessment will be prepared to determine if the Project has the potential to disturb contaminated sites in the project area. The results will determine if testing would be required prior to construction and would be summarized in the environmental document.

Hydrology and Water Quality

Short and long-term effects of the Project on water quality will be analyzed and summarized in the environmental document. This includes temporary water quality impacts resulting from construction activities.

Noise and Vibration

Current noise levels will be measured and future noise levels will be modeled based on proposed traffic operations. Project alternatives will be evaluated to determine if construction or operational noise or vibration impacts would occur on nearby land uses and summarized in the environmental document.

Visual

An assessment of visual and aesthetic effects (e.g., tree and vegetation removal, lighting) will be conducted and summarized in the environmental document.

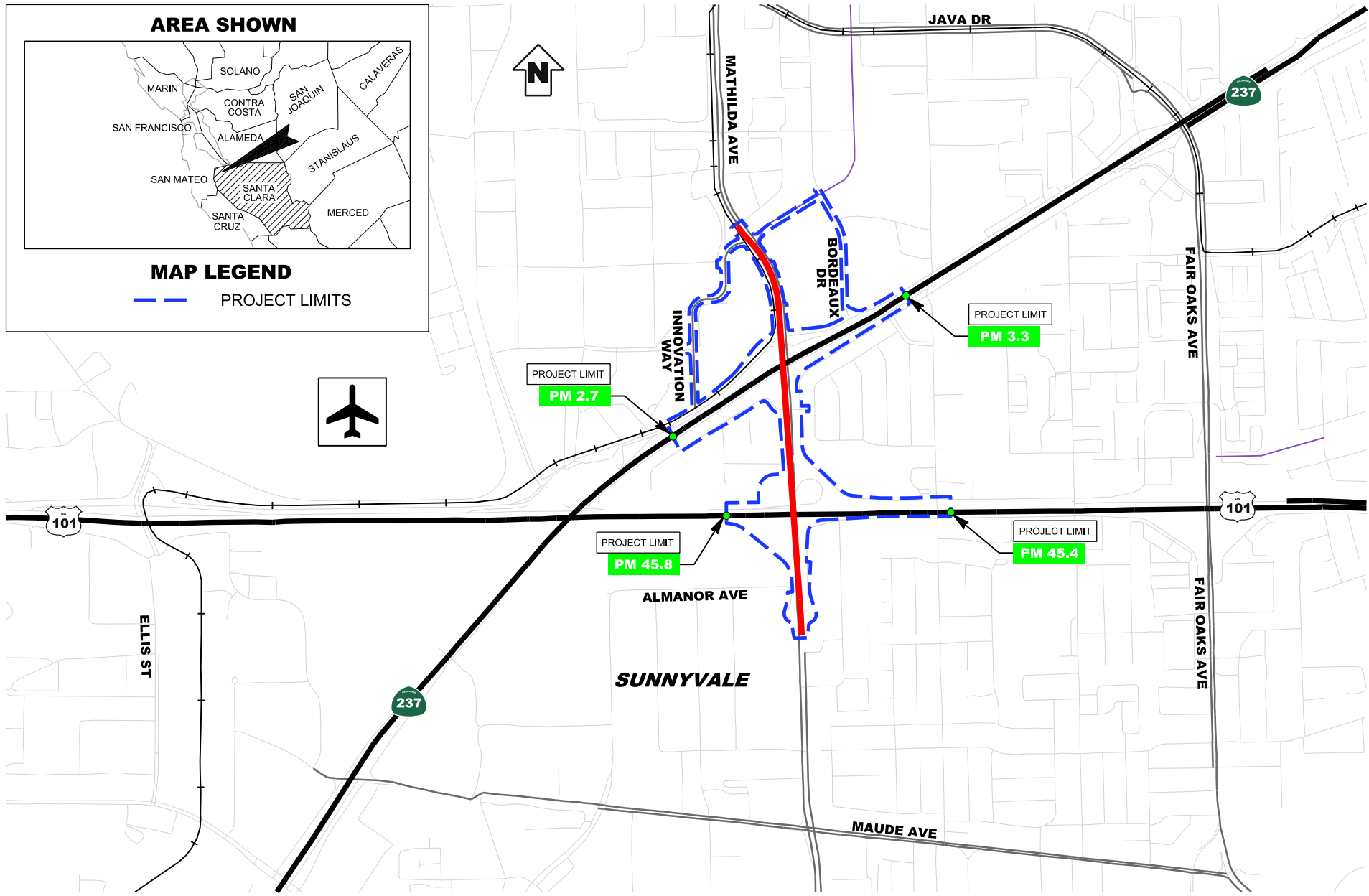
Traffic and Transportation

Traffic analysis will focus on the improvements to operations on Mathilda Avenue that would result from the proposed Project. Potential impacts to bicycle and pedestrian circulation will also be analyzed and summarized in the environmental document.

AREA SHOWN

MAP LEGEND

— — — PROJECT LIMITS



NO SCALE

October 2014

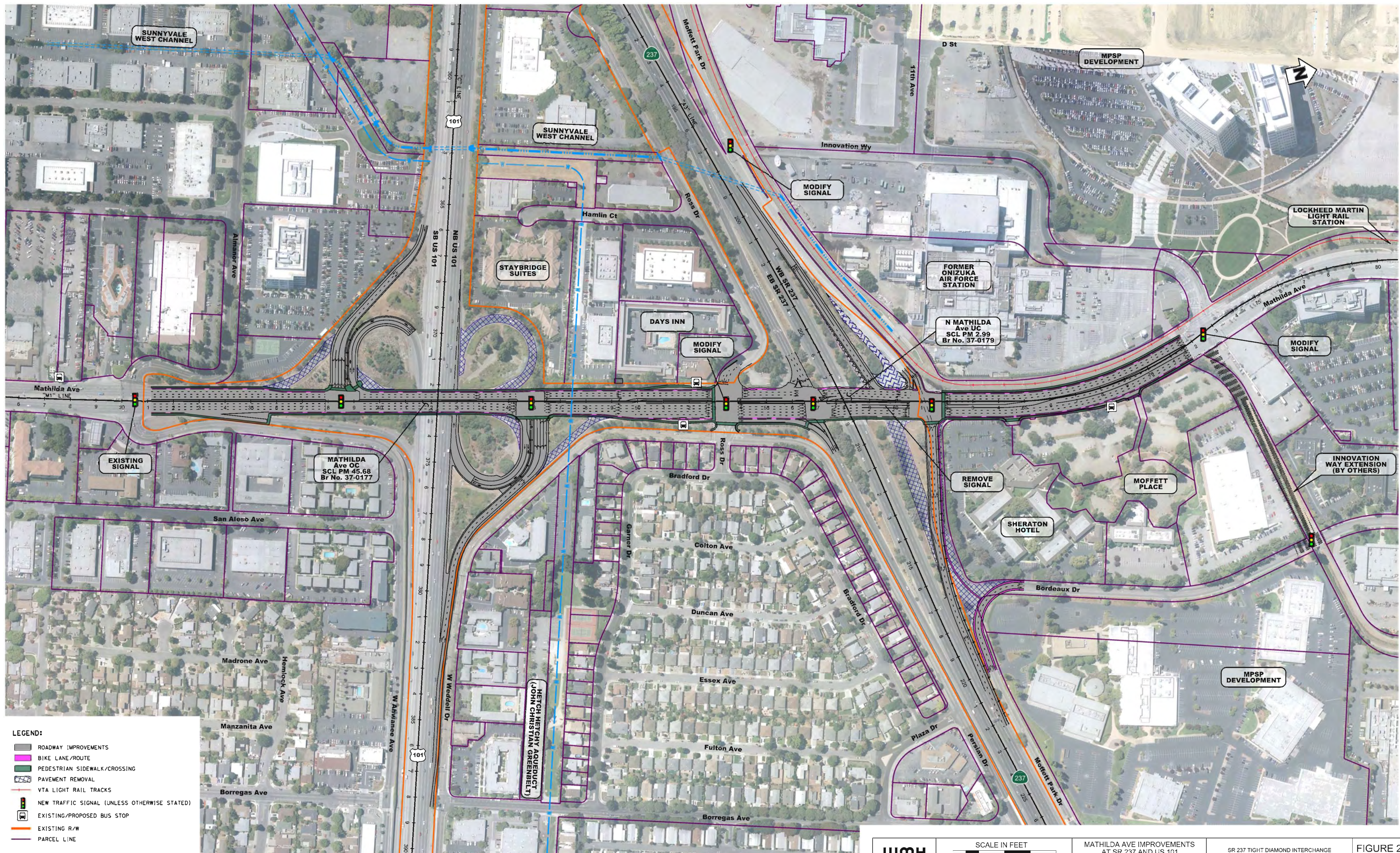


Prepared By:
WMH

Mathilda Avenue Improvement at SR 237 and US 101

PROJECT LOCATION MAP

Figure
1



- LEGEND:**
- ROADWAY IMPROVEMENTS
 - BIKE LANE/ROUTE
 - PEDESTRIAN SIDEWALK/CROSSING
 - PAVEMENT REMOVAL
 - VTA LIGHT RAIL TRACKS
 - NEW TRAFFIC SIGNAL (UNLESS OTHERWISE STATED)
 - EXISTING/PROPOSED BUS STOP
 - EXISTING R/W
 - PARCEL LINE

wmh

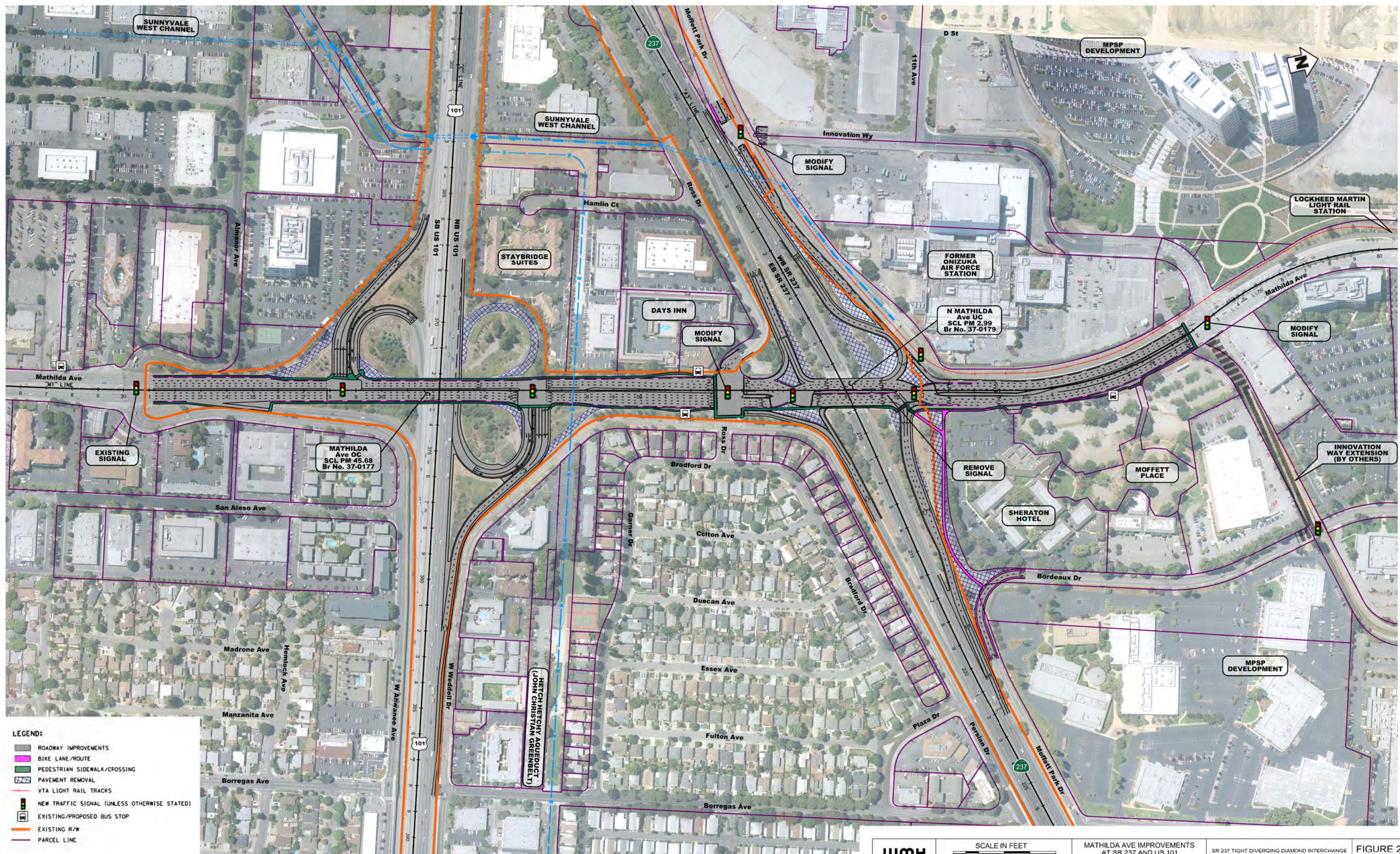


MATHILDA AVE IMPROVEMENTS
AT SR 237 AND US 101
SCL 237 - PM 2.7/3.3
SCL 101 - PM 45.4/45.8

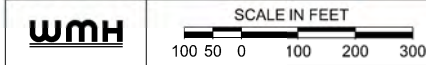
SR 237 TIGHT DIAMOND INTERCHANGE
AND US 101 FULL PAR-CLO INTERCHANGE

FIGURE 2a
JULY 2015

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15-052333.dgn



- LEGEND:**
- ROADWAY IMPROVEMENTS
 - BIKE LANE /ROUTE
 - PEDESTRIAN SIDEWALK/CROSSING
 - PAVEMENT REMOVAL
 - VTA LIGHT RAIL TRACKS
 - NEW TRAFFIC SIGNAL (UNLESS OTHERWISE STATED)
 - EXISTING/PROPOSED BUS STOP
 - EXISTING R/W
 - PARCEL LINE

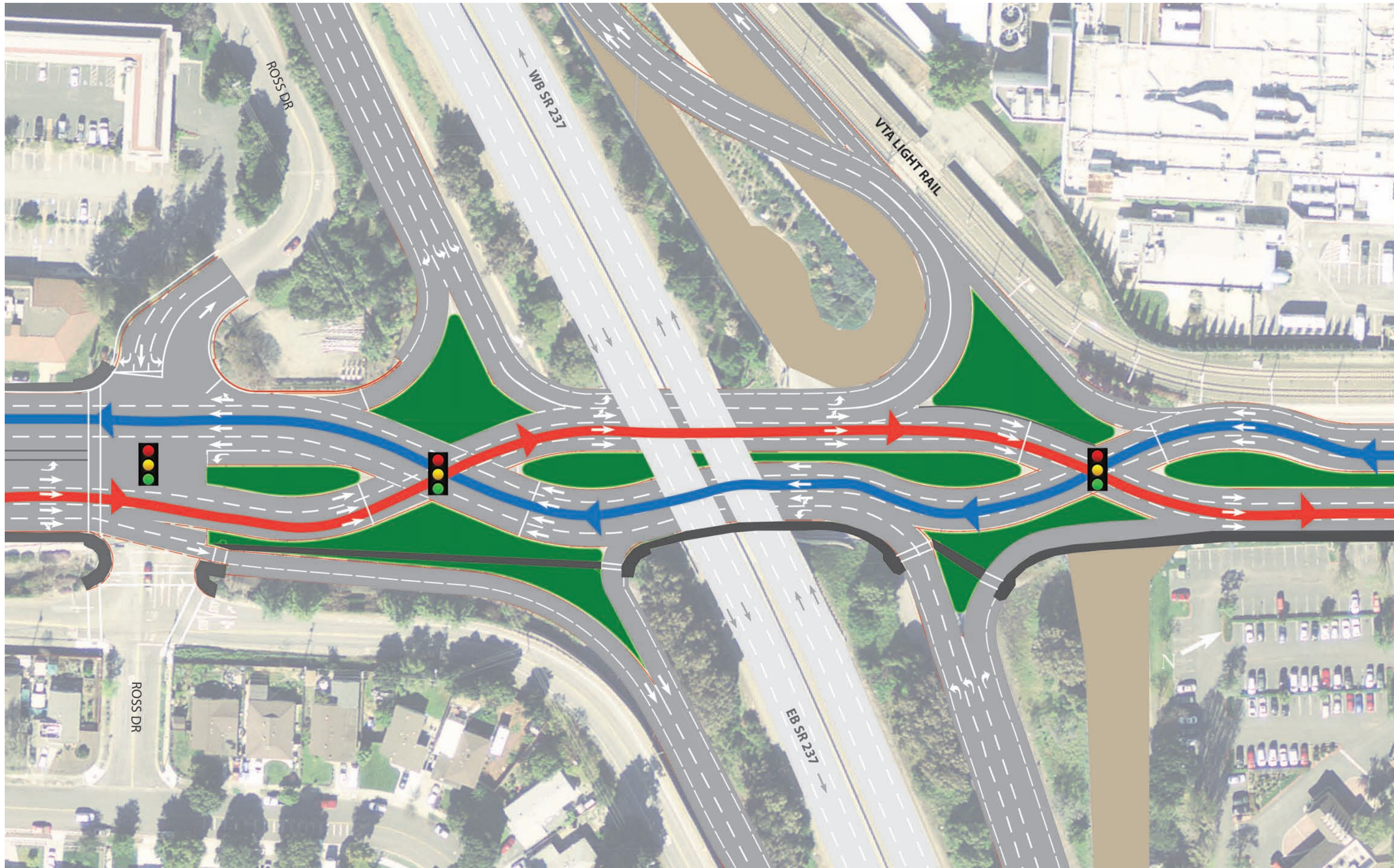


**MATHILDA AVE IMPROVEMENTS
AT SR 237 AND US 101**
SCL 237 - PM 2.7/3.3
SCL 101 - PM 4.4/5.8

SR 237 TIGHT DIVERGING DIAMOND INTERCHANGE
AND US 101 FULL PAR-CLO INTERCHANGE

FIGURE 2b
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NOT TO SCALE

MATHILDA AVE IMPROVEMENTS
 AT SR 237 AND US 101
 SCL 237 - PM 2.7/3.3
 SCL 101 - PM 4.5/4.8

DIVERGING DIAMOND
 INTERCHANGE (DDI) ILLUSTRATION

FIGURE 3
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