

41st Avenue Pavement Rehabilitation and Multimodal Improvements

City Council

April 24, 2025



41st Avenue

Project Background



2022

- PMP identifies 41st Avenue north of Clares Street for heavy rehabilitation

2023

- Oct 2023: Applied for \$2M grant via RTC
- Dec 2023: Awarded \$1M

2024

- Sept 2024: \$300K design budget approved
- Kimley-Horn retained for design work

41st Ave Multimodal Improvements and Pavement Rehabilitation Project



City Council Meeting April 24th, 2025

PRESENTED BY: Chris Brecheisen

Kimley»Horn

41st Avenue

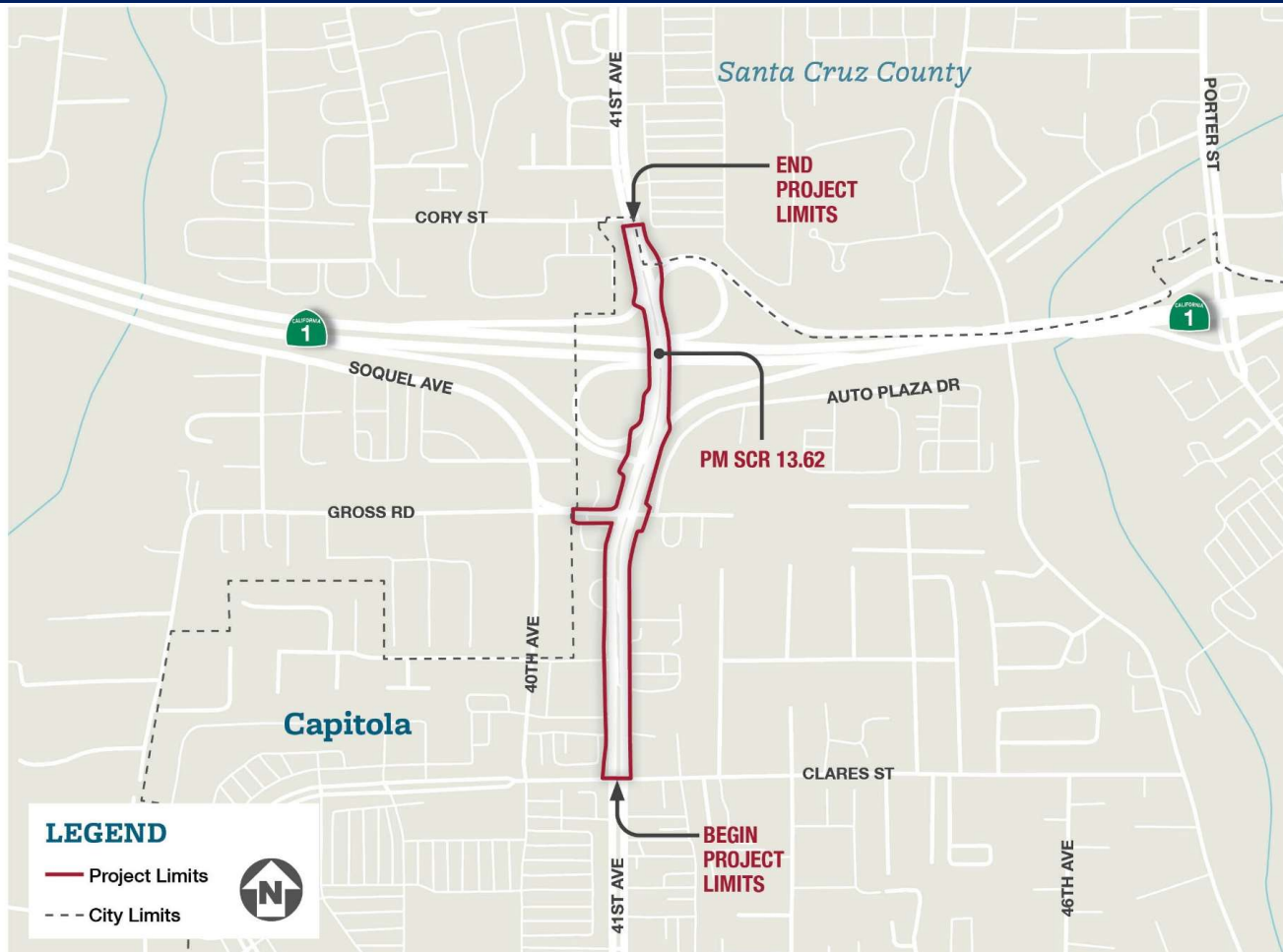
Presentation Overview



- Project background
- Project Goals and Objectives
- Overview of project features
- Upcoming project milestones

41st Avenue

Project Overview Map



41st Avenue

Existing Conditions



*Depressions and
Uneven Pavement*



*Old Utility Trench Repairs
and Faded Striping*



*Poor Wayfinding on 41st Ave
for SR-1 Ramp Access*



*Alligator
Cracking*



*Uncomfortable Bicycle Facilities
with High Traffic Congestion*



*Poor Wayfinding on Gross Road
for SR-1 Ramp Access*

41st Avenue

Project Background



■ **Project purpose and goals:**

- 1 Full road surface reconstruction
- 2 Enhance pedestrian and bicycle accessibility with new crossings, signs, striping, and separated bikeway
- 3 Provide wayfinding improvements for SR-1 ramp access with advance pavement markings and signage
- 4 Minimize construction timing delays to existing residents

■ **Project funded by STIP and local funds**

41st Avenue

Roadway Speeds



Existing Posted Speed: 25 MPH

*Proposed Posted Speed: 25 MPH
From Clares Street to City Boundary*

Existing Posted Speed: 30 MPH

41st Avenue

Proposed Road Repair

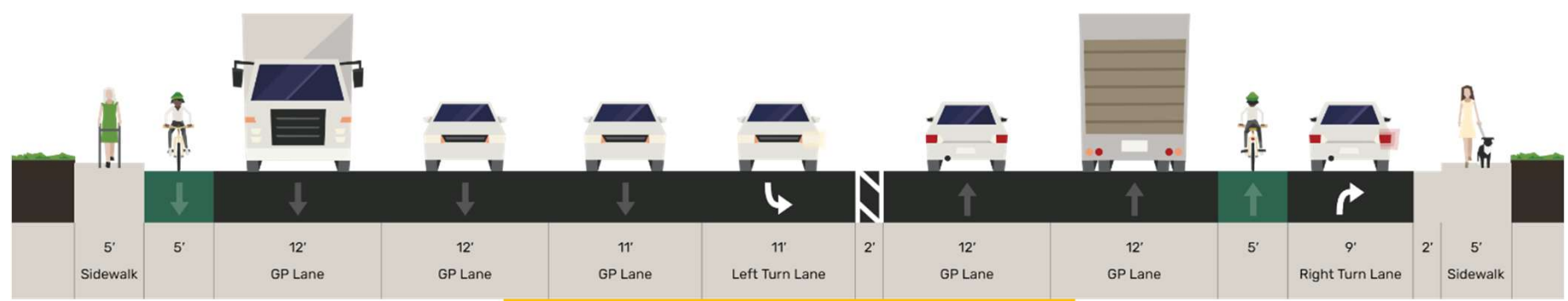


- Partial Depth Recycling (PDR) – this treatment treats the existing asphalt as an asset.
 - Cost effective - restore and reuse the existing material
 - Efficient - reducing the amount of material to be hauled off/to the site
 - Quick - cars back on the street the same day the paving process

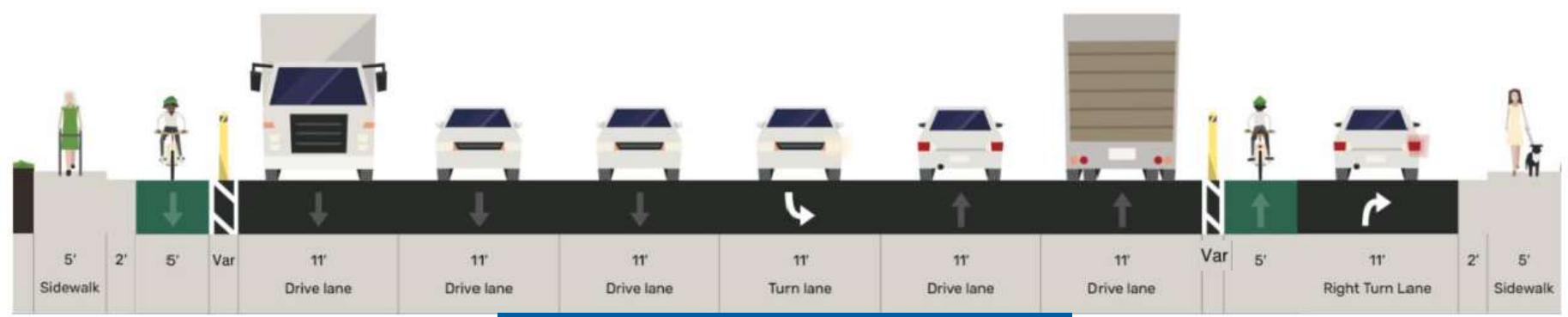


41st Avenue

Proposed Cross Section



Existing



Proposed

41st Avenue

Bicycle Features



- Existing Class II bike lanes would be restriped south of Gross Rd
- Existing Class II bike lanes would be restriped to Class IV from Gross Rd to City Boundary with buffer and raised interstate curb and delineators
- Repaved roadway would improve bicycle experience and access along Clares Street



Green Pavement Markings



Delineators on Plastic Curb



Green Conflict Striping for Bike Transition

41st Avenue

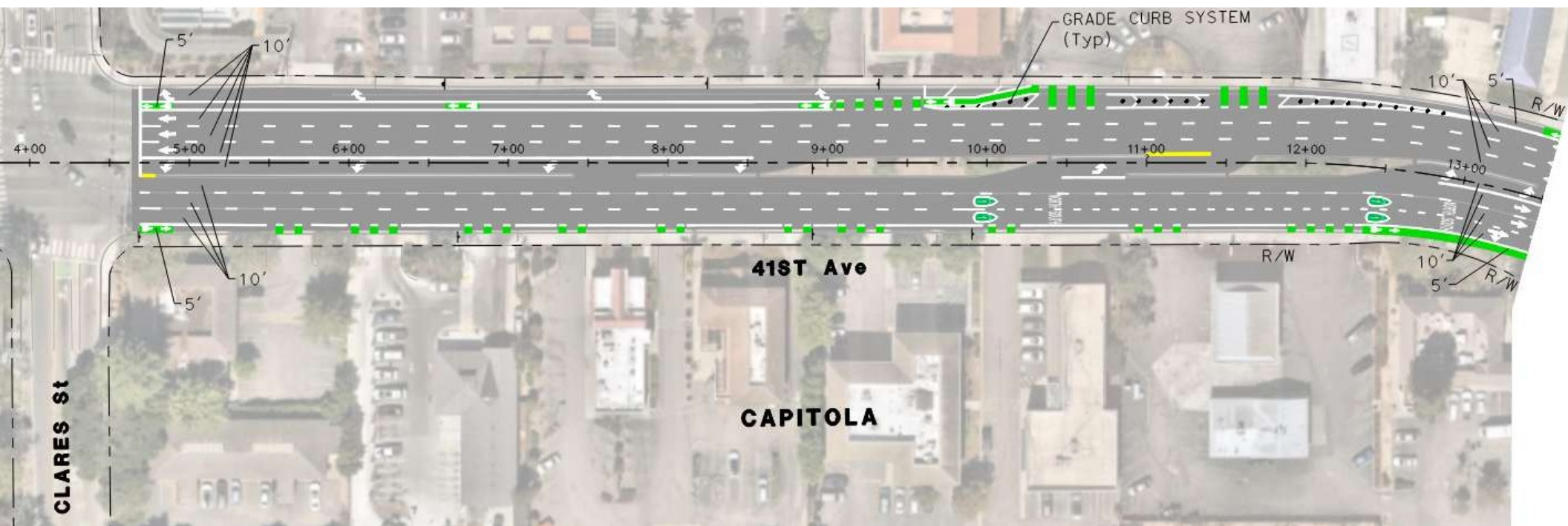
Wayfinding Features



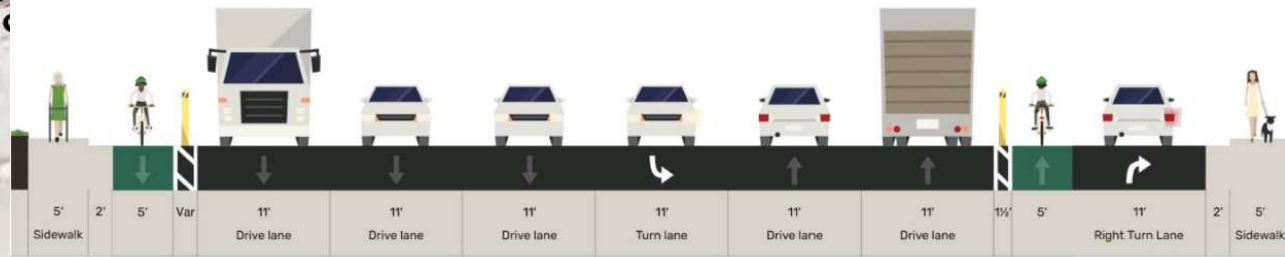
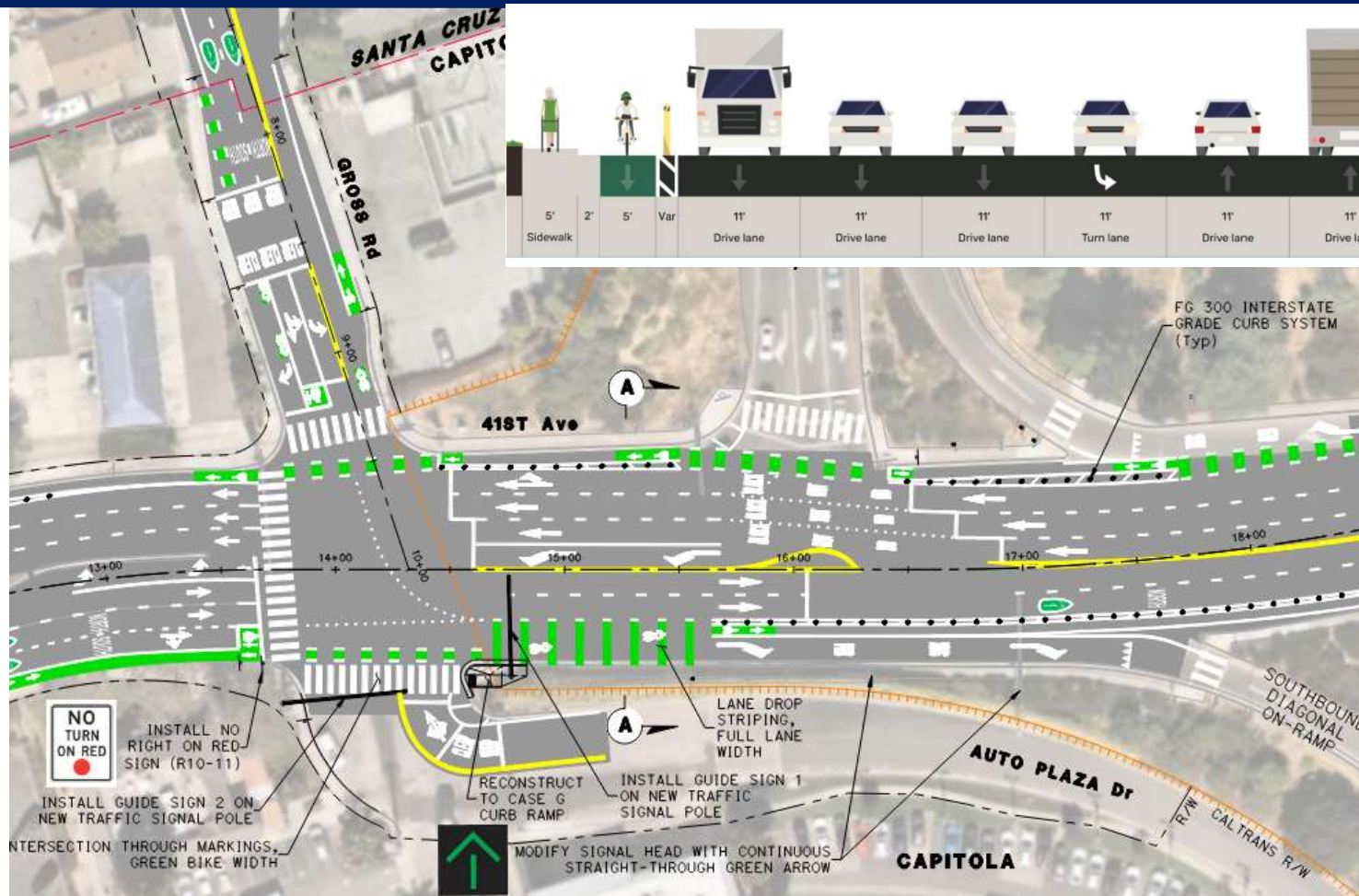
- Advance Pavement Markings for lane selection for SR-1 ramp access
- Advance overhead signage for lane selection for SR-1 ramp access



41st Avenue Improvements

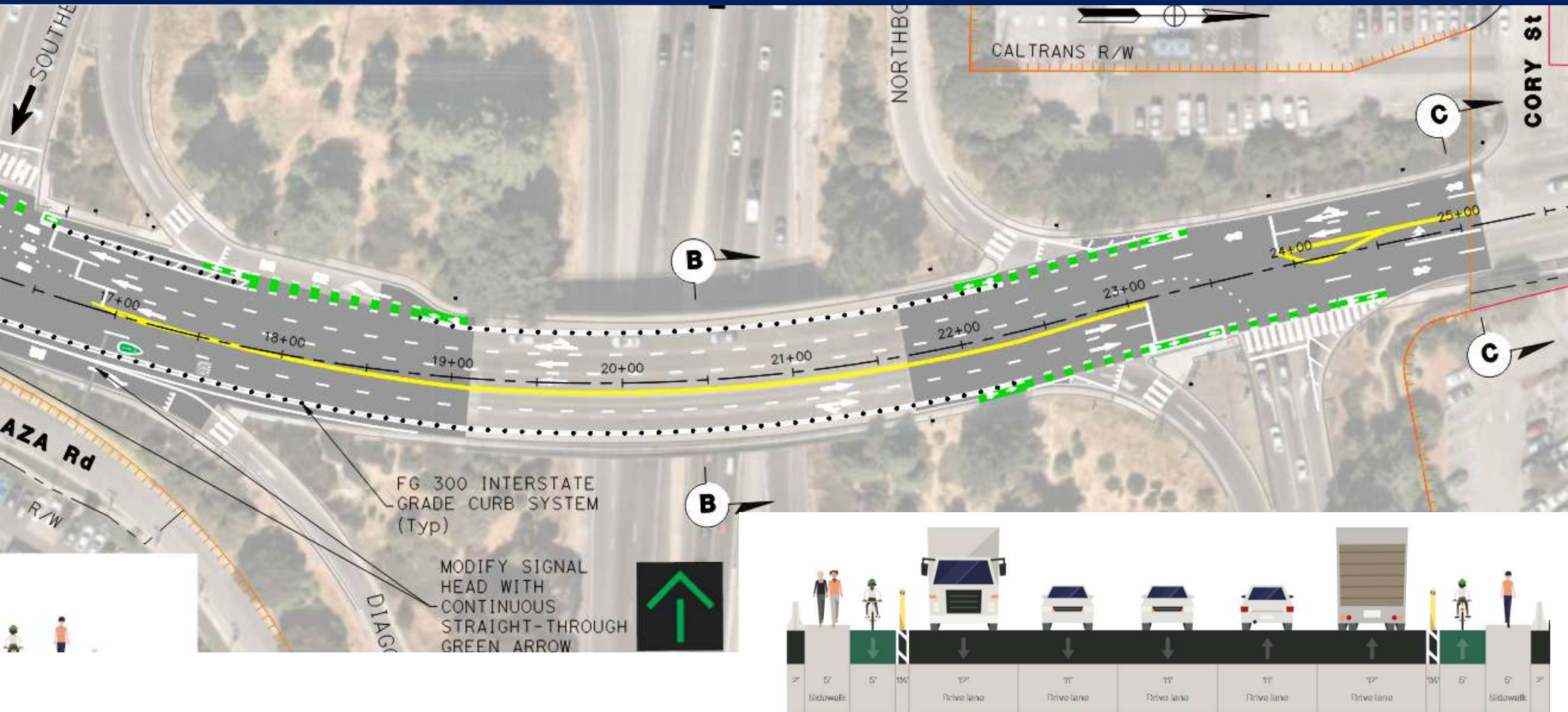


41st Avenue Improvements



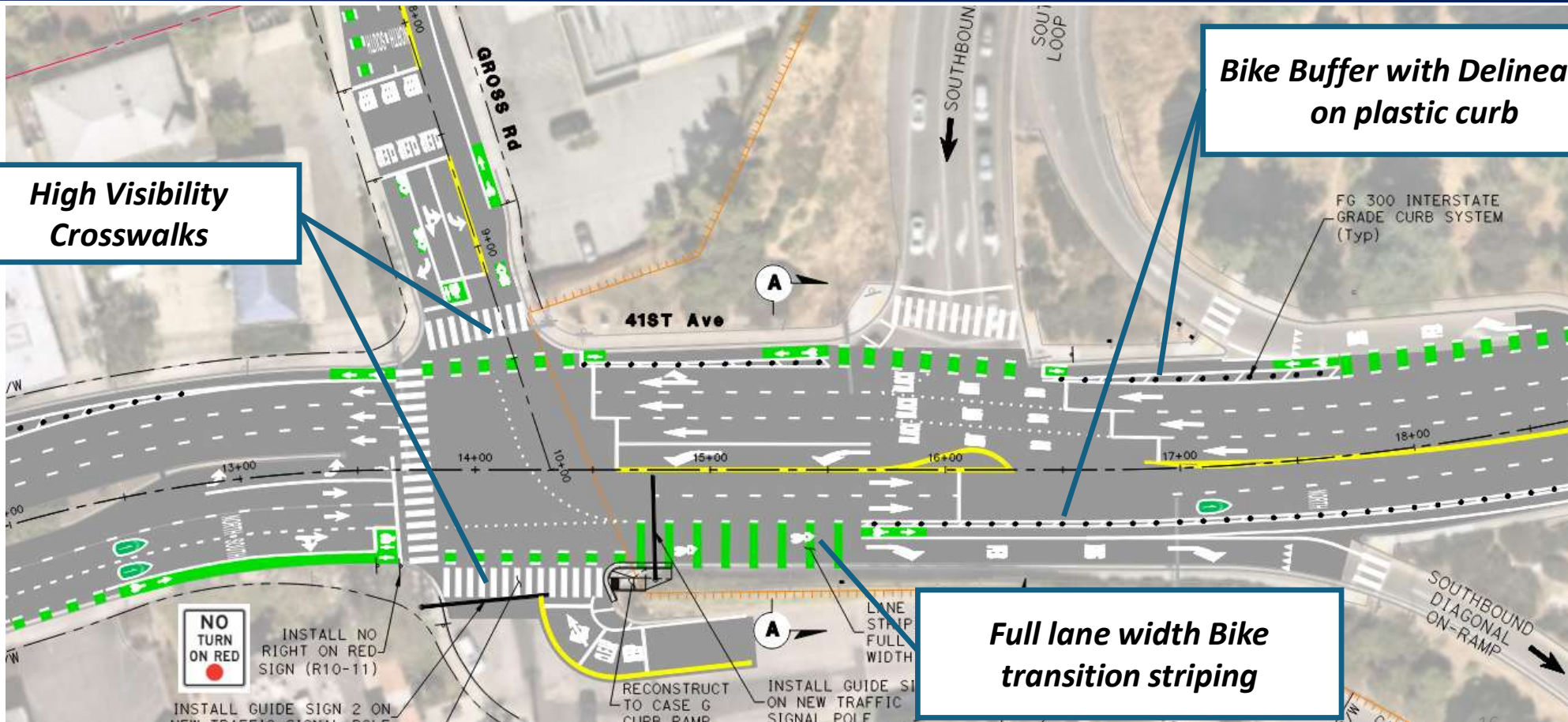
41st Avenue

Improvements



41st Avenue

Bicycle and Pedestrian Features



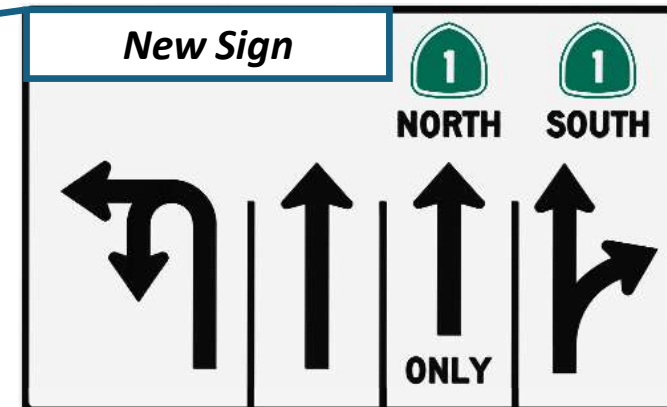
High Visibility Crosswalks

Bike Buffer with Delineator on plastic curb

Full lane width Bike transition striping

41st Avenue

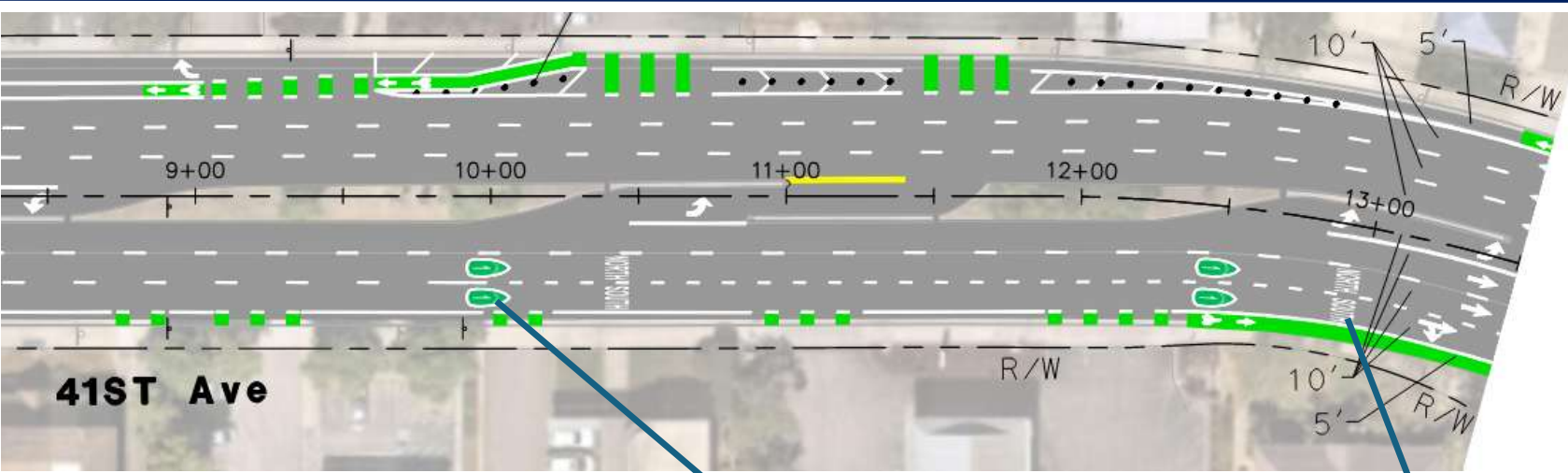
Wayfinding Improvements – Location 1



Wayfinding Sign on 41st Ave

41st Avenue

Wayfinding Improvements – Location 1



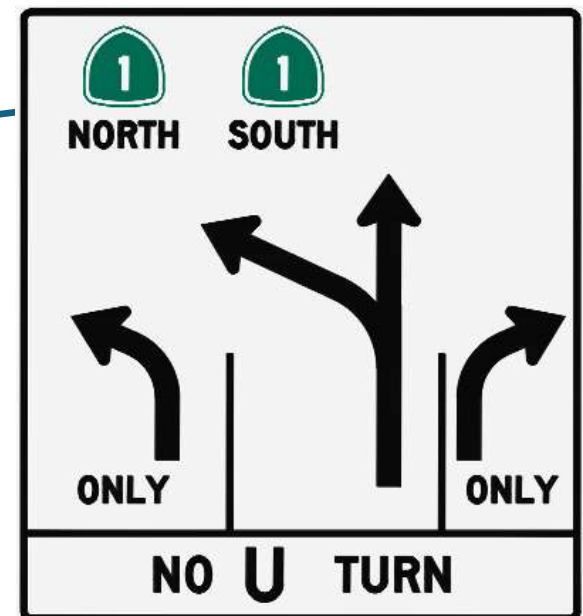
**Advance Pavement
Marking "Direction"**

**Advance Pavement
Marking "SR-1"**

Wayfinding Pavement Marking

41st Avenue

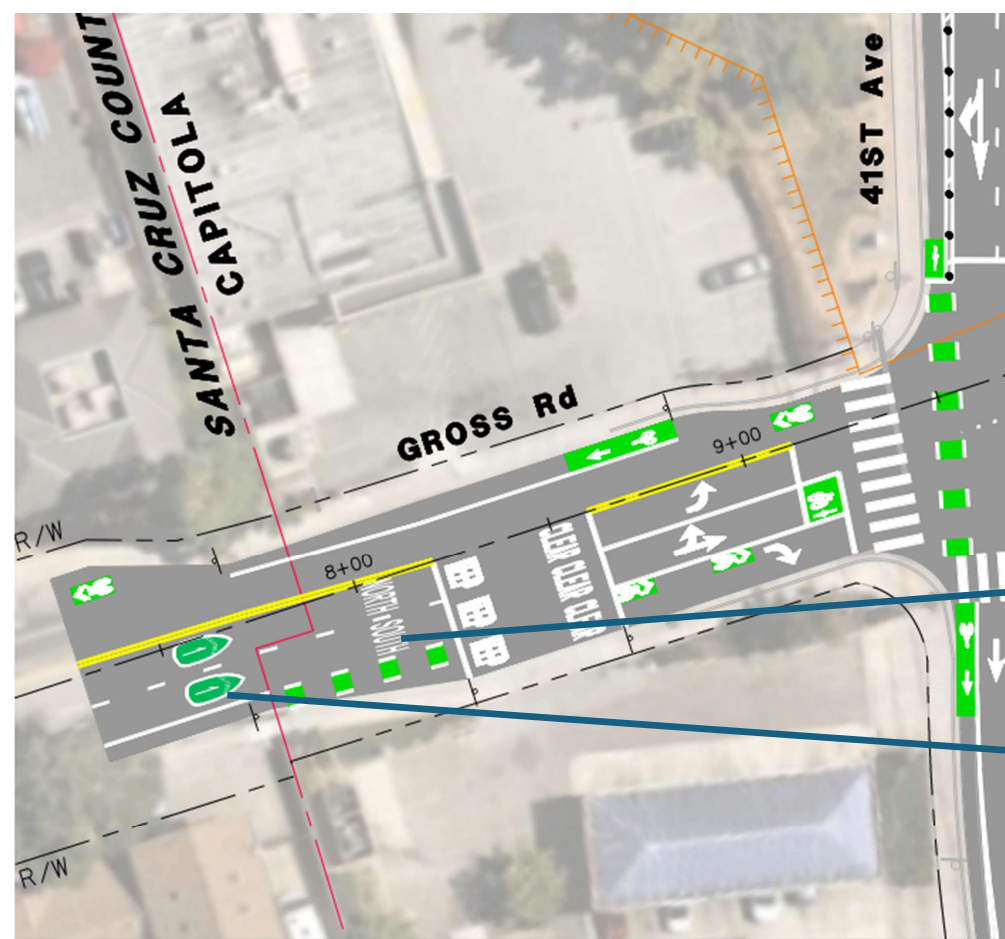
Wayfinding Improvements – Location 2



Wayfinding Sign on Gross Rd

41st Avenue

Wayfinding Improvements – Location 2



Wayfinding Pavement Marking

**Advance Pavement
Marking "Direction"**

**Advance Pavement
Marking "SR-1"**

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Estimated Project Schedule



Timeline	Milestone
Summer 2025	Complete Engineering Design/Caltrans Approval Process
Winter 2025	Bid Project for Construction
Spring 2026	Construct Project

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Community Outreach



Upcoming Presentations

- Bicycle Advisory Committee
- Elderly & Disabled Advisory Committee

Additional Outreach

- Direct notifications to adjacent property owners
- Broader public communications to inform the community about the timeline and benefits

41st Avenue

Fiscal Impact



Estimated Construction Cost

\$2.2 - \$2.5 million

- RTC Grant : \$700,000 FY 25/26 construction costs
- Future dedicated roadway funds expected in FY 25/26 for remaining costs

Budget Development

- Updated cost estimates through DEER and PS&E preparation
- Staff to present funding during FY 25/26 Budget

41st Avenue

41st Avenue Corridor Plan



Purpose

- Enhance safety, design, and green space
- Strengthen connectivity and placemaking
- Engage the community in shaping the vision
- Develop a phased, cost-informed implementation plan

Potential Changes to This Section of 41st

- **Gross Road to City Limit:** Minimal options due to Caltrans right-of-way
- **Clares Street to Gross Road:** limited by geometry
 - Most potential changes being made in proposed project.
 - Potential future opportunities: turn pockets, medians, and sidewalks (not tied to pavement maintenance)

41st Ave Multimodal Improvements and Pavement Rehabilitation Project



THANK YOU!



Kimley»Horn

Chris Brecheisen



Kailash Mozumder & Jessica Kahn