

Anderson Road – Chavez E.S. Improvements: Phase 1

Community Workshop #2

September 24, 2020



Brian Abbanat, Sr. Transp. Planner
City of Davis



Adrian Engel, Sr. Associate
Fehr & Peers



Meeting Engagement

1. Presentation
2. Questions and comments after presentation
3. Two minutes allowed per person

How to Provide Questions and Comments

- On computer use raise hand tool
- On phone use *9
- After meeting email

babbanat@cityofdavis.org



Anderson Road – Chavez Agenda

- Introduction/Background
- Feedback from Workshop #1 & Survey
- Design Concepts
- Next Steps
- Public Comment



Background

Purpose: Improve overall safety, reduce conflicts between transit, bicyclists, cars, and pedestrians. Improve safety and organization of Chavez E.S. pick-up/drop-off.

Boundary: Phase 1 street design improvements on Anderson Road between Villanova Dr. and Amherst Dr.

Why: 1) History of corridor safety concerns, 2) Biennial SACOG grant funding cycle for construction projects, and 3) Joint interest between City and DJUSD to improve conditions.



Background

Vehicles:
10,900 vehicles/day

Bikes:
>2,100/day

Buses:
>100/day

Speed:
Posted Limit: 30 mph
Avg: 32 mph
Critical: 36 mph

Crashes (2009-19):
Russell - Covell

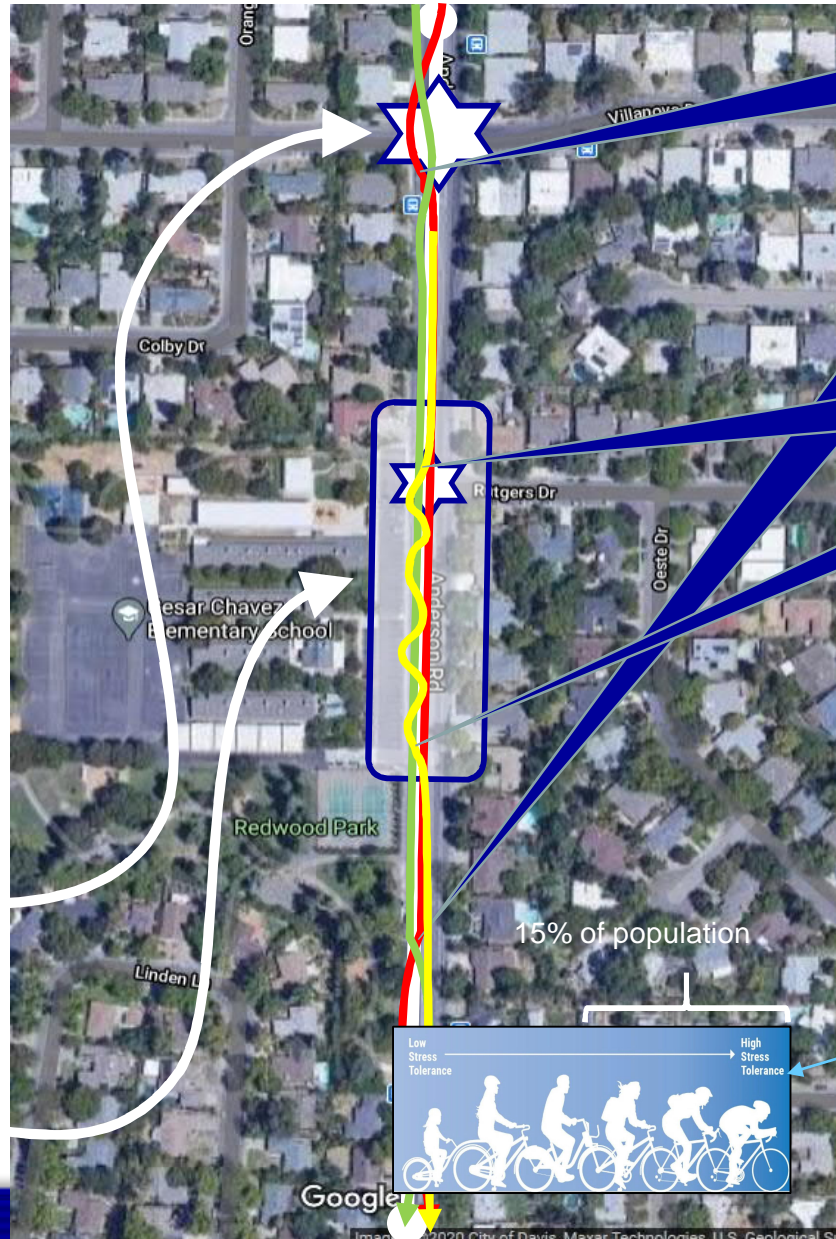
- 106 Total
- 53% involve bicyclists
- 3rd highest rate in Davis

"Hot Spots"

- Covell Blvd
- Russell Blvd
- Villanova Dr

Problem Areas

- Chavez ES frontage
- Rutgers Drive



Conflicts:
Bicyclist/Bus

Conflicts:
Bicyclist/Car

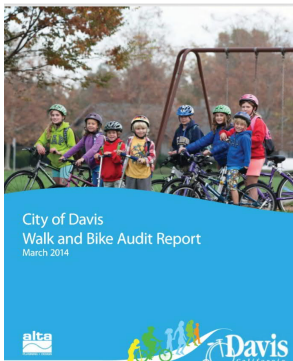
Other Risk Factors:

- Wide travel lanes encourage higher speeds
- Long crossing distances
- Wide intersection corner radii encourage higher turning speeds
- Single family homes fronting street
- Level of Traffic Stress: 3

Anderson Road – Chavez E.S. Improvements History

2013-14: Walk Bike Audit Report (Chavez E.S.)

- Safety Improvements



2015 SACOG Grant Application (not funded)

- Design and construct safety improvements

| | |
|--|--|
| Project Title | Anderson Road Improvements (Phase II) |
| Reporting Agency | City of Davis |
| Lead Person and Contact Information (name, email, mailing address) | Michael Wilson, Senior Civil Engineer m.wilson@cityofdavis.org 1717 Park Street Davis, CA 95618 |
| Funding Organization | City of Davis |
| Grant Category | Category 2C: Operational/Construction |
| Community Lifeline Funds | \$1,887,000 |
| Local - Combined Total Project | \$0 |
| Local Match and other funds | \$240,000 |
| Estimated Construction Cost (agency and/or construction) | See attachment to Project Budget Table #2 for more details. |
| Minimum Annual to Contact Project | N/A |
| Project Description | \$1,887,000 The Anderson Road Improvements project is a multi-phased transportation project for the 4-mile segment between Amherst Drive and Villanova Dr. A multi-modal urban corridor in the City of Davis, primarily intended for pedestrian, bicyclist, and wheelchair users. The project includes improvements such as wider sidewalks, enhanced bike lanes, landscaped center median with street trees, wheelchair curb cutouts, accessible street lighting, and other improvements at Chavez E.S. designed in the recently completed Davis City of Davis Street Audit Report and designed into the Davis City of Davis Street Audit Report. High priority improvements include pedestrian improvements, bicycle, and |

2017-18 Streetscape Improvements Planning & Outreach

- Extensive community input process
- Established long-term street design vision



ANDERSON ROAD

Streetscape Improvement Project

2020 Joint City/DJUSD SACOG Grant Application

- Phase 1 improvements between Villanova Dr. & Amherst Dr.

Survey Results & Comments:

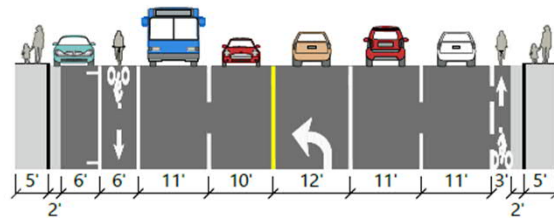
- 67% of survey respondents: Very or Extremely Important to improve safety
- Improve or maintain current north-south operations for all modes along Anderson Rd
- Limit raised buffer islands at Rutgers Dr. and Villanova Dr. intersections
- Maintain or expand school related parking to minimize impact on neighborhood
- Improve walking and biking access to school to reduce driving
- 52% said project is headed in right direction



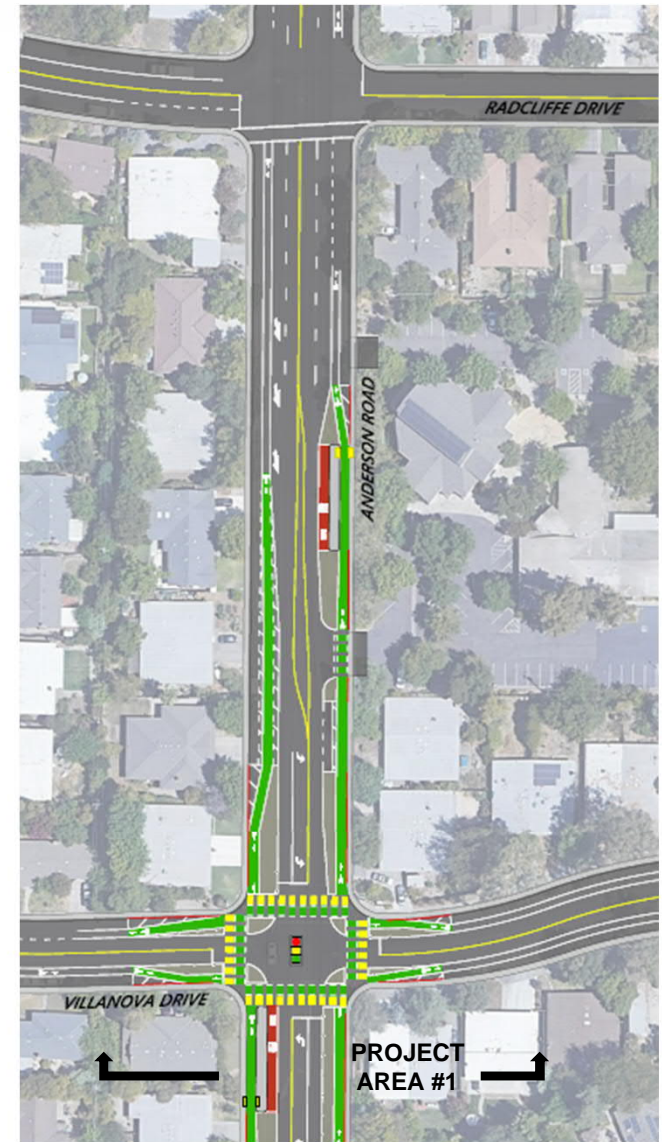
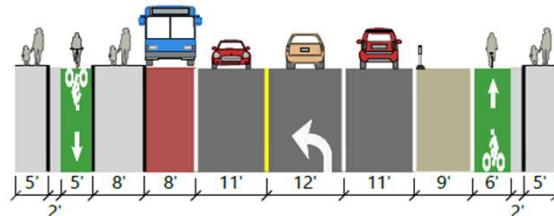
Design Concept 1 & 2

- Relocate southbound merge north of Villanova Dr.
- Low impact corner treatments
- Transit boarding islands

EXISTING CONDITIONS
PROJECT AREA #1



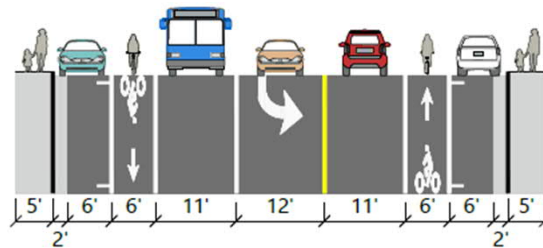
PROPOSED CONDITIONS
PROJECT AREA #1



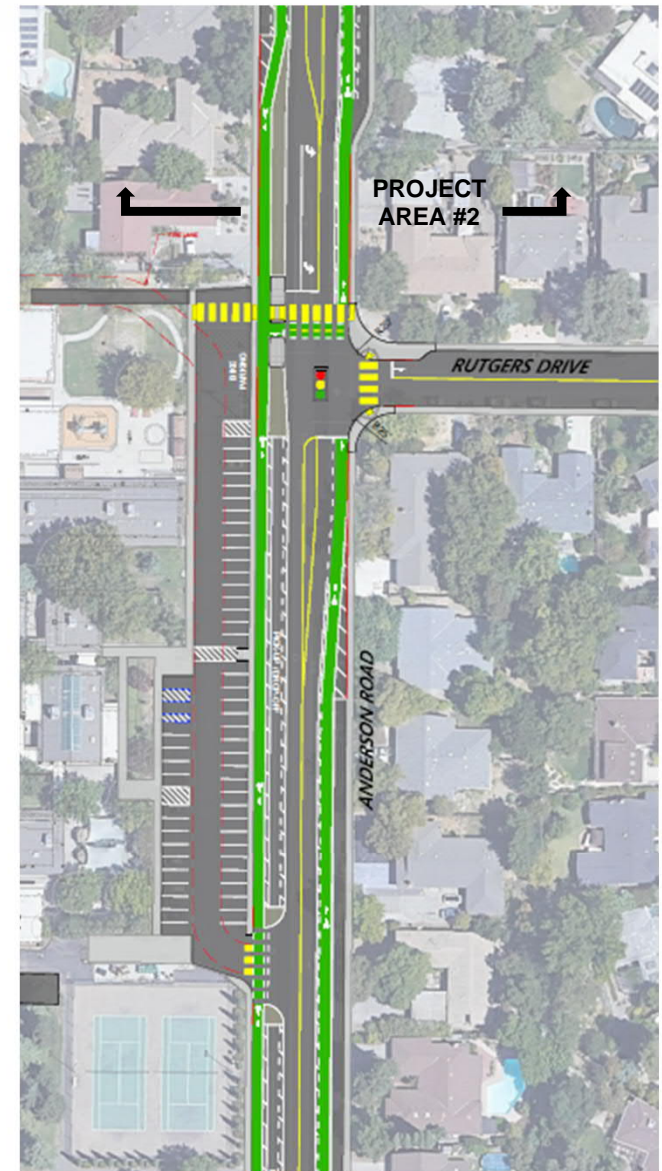
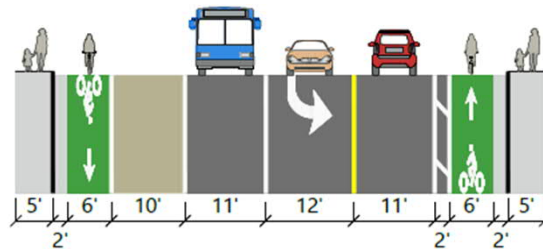
School Drop-off Concept 1

- On-street loading zone
- Pedestrian refuge and shortened crossings at Rutgers Dr.
- Separated bikeway

EXISTING CONDITIONS
PROJECT AREA #2

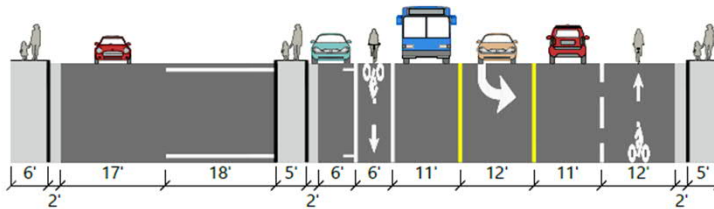


CONCEPT 1
PROJECT AREA #2

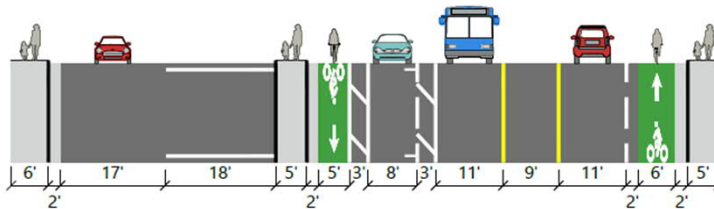


Concept 1

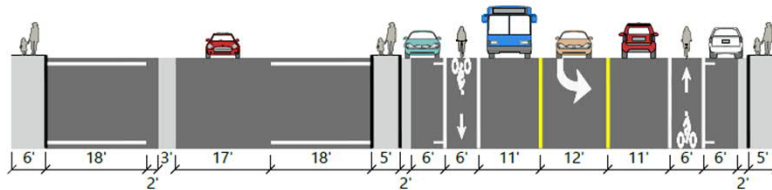
EXISTING CONDITIONS
PROJECT AREA #3



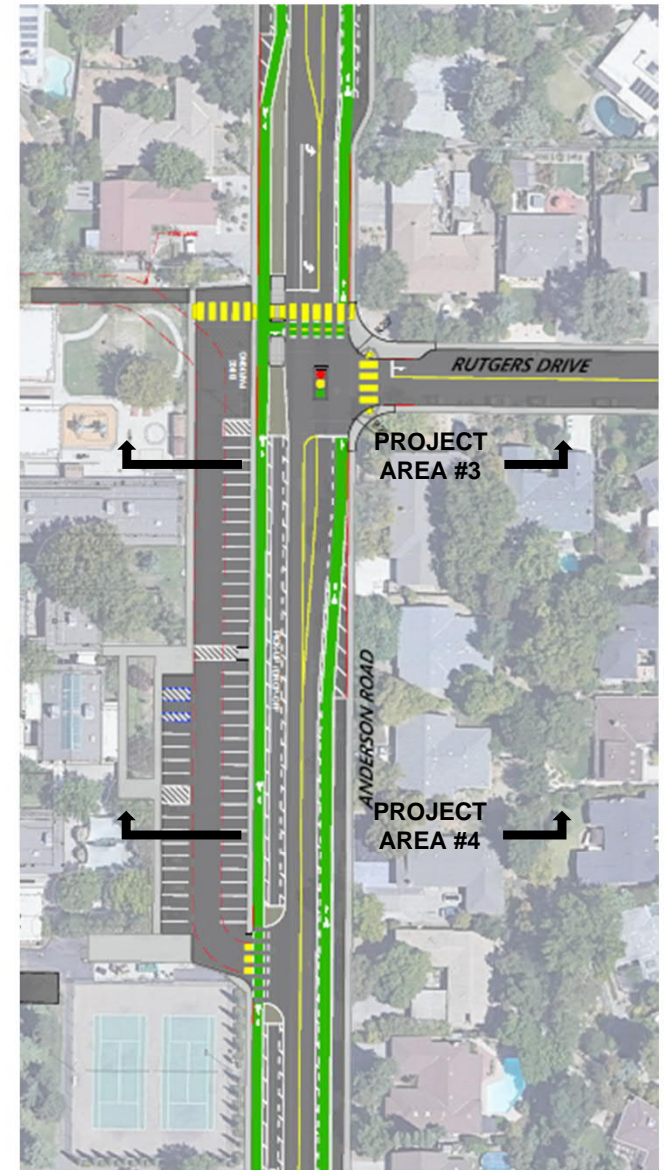
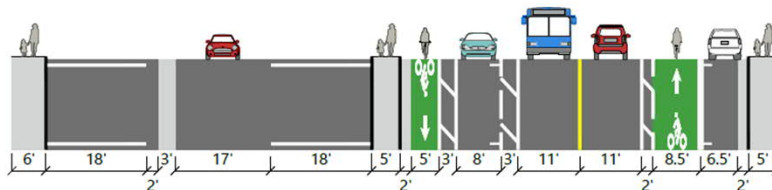
CONCEPT 1
PROJCT AREA #3



EXISTING CONDITIONS
PROJECT AREA #4



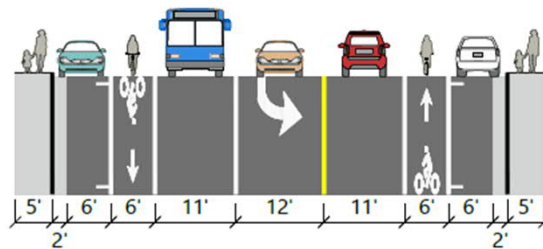
CONCEPT 1
PROJCT AREA #4



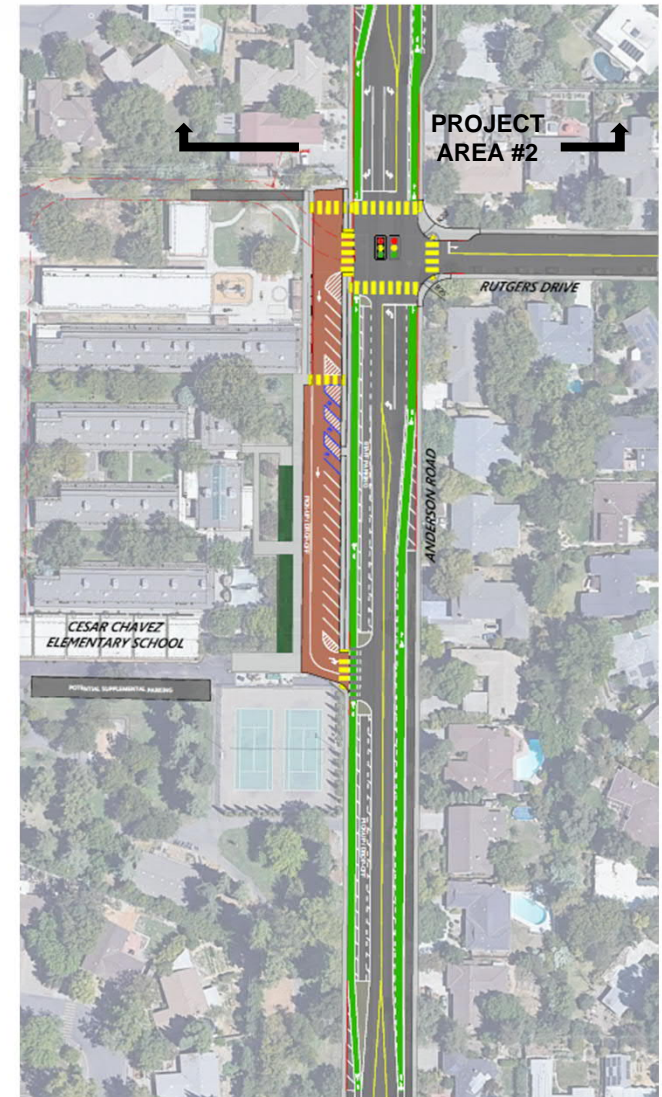
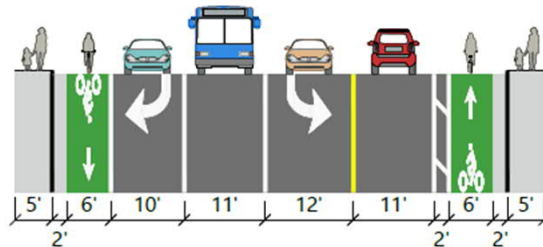
School Drop-off Concept 2

- School site (off-street) loading zone
- Separated bikeway
- Bike signal and west leg at Rutgers Dr.
- Potential to increase staff parking on south side of school

EXISTING CONDITIONS
PROJECT AREA #2

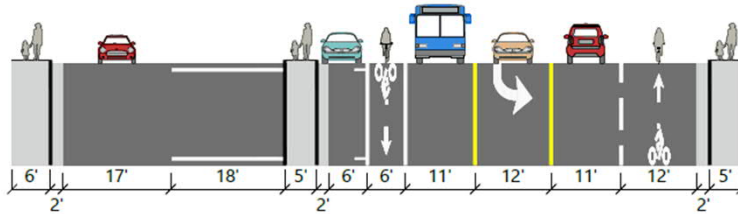


CONCEPT 2
PROJECT AREA #2

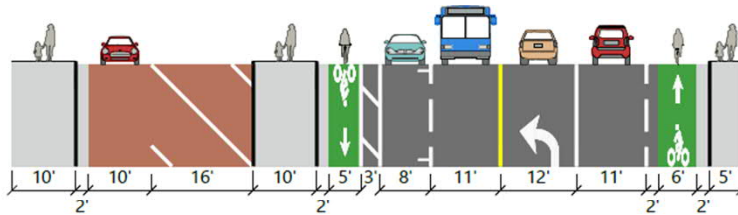


Concept 2

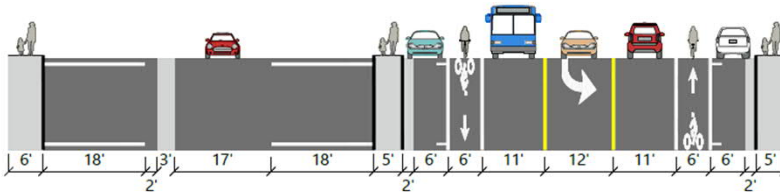
EXISTING CONDITIONS
PROJECT AREA #3



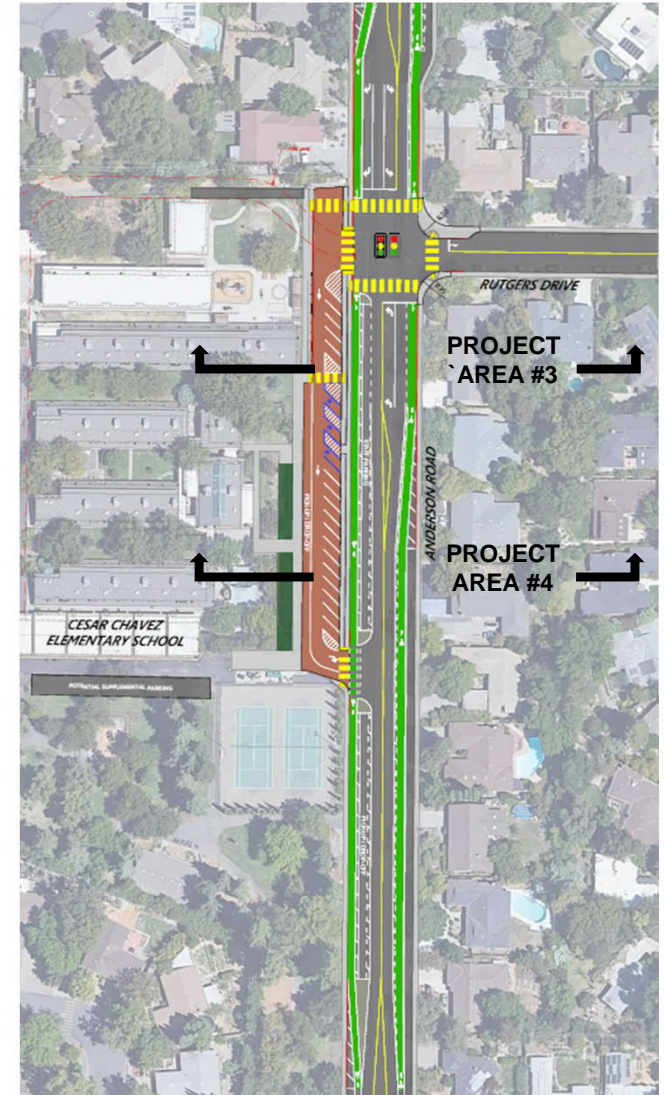
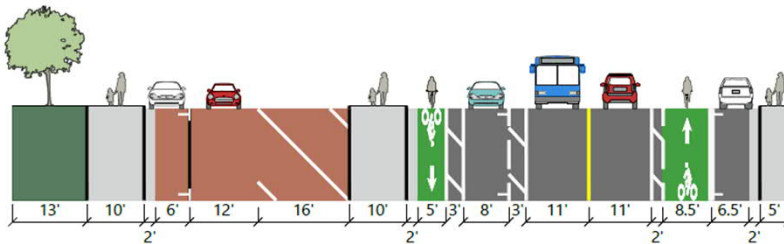
CONCEPT 2
PROJECT AREA #3



EXISTING CONDITIONS
PROJECT AREA #4

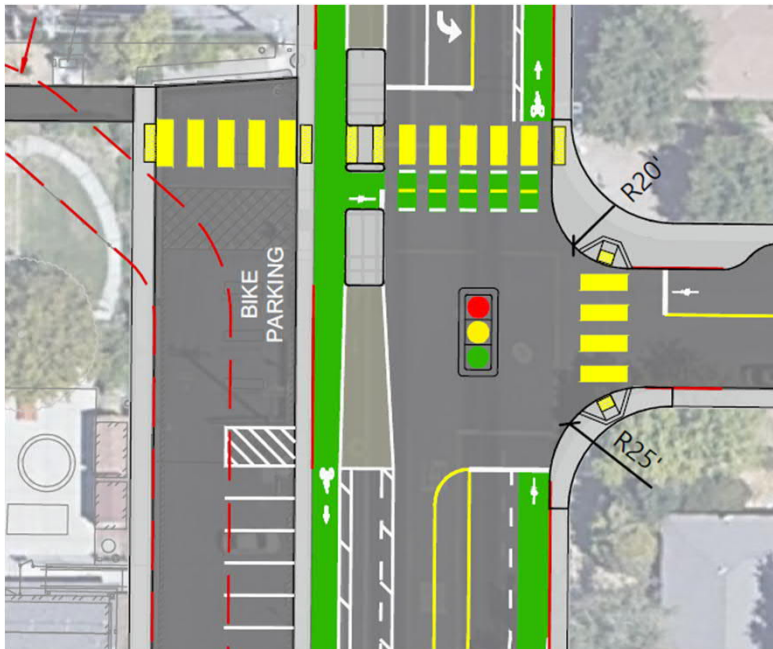


CONCEPT 2
PROJECT AREA #4

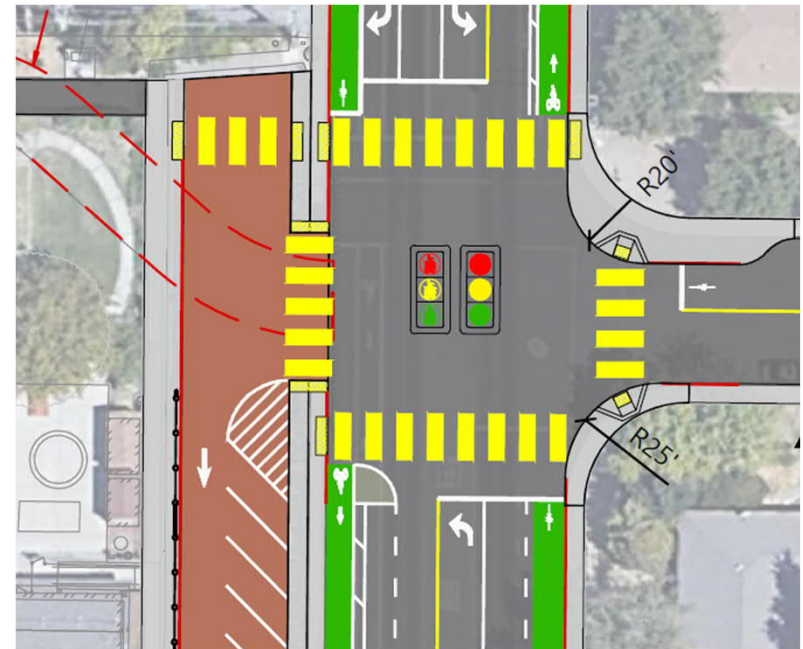


Rutgers Intersection Improvements

Concept 1



Concept 2



- Bicycle conflicts minimized with separated bikeway, bike signal, and signal phasing
- Enhanced crosswalks, reduced crossing distance, bulb-out, and scramble phase
- Turn lanes to access Rutgers Dr. and school entrance needed for adequate intersection operations

Existing Condition



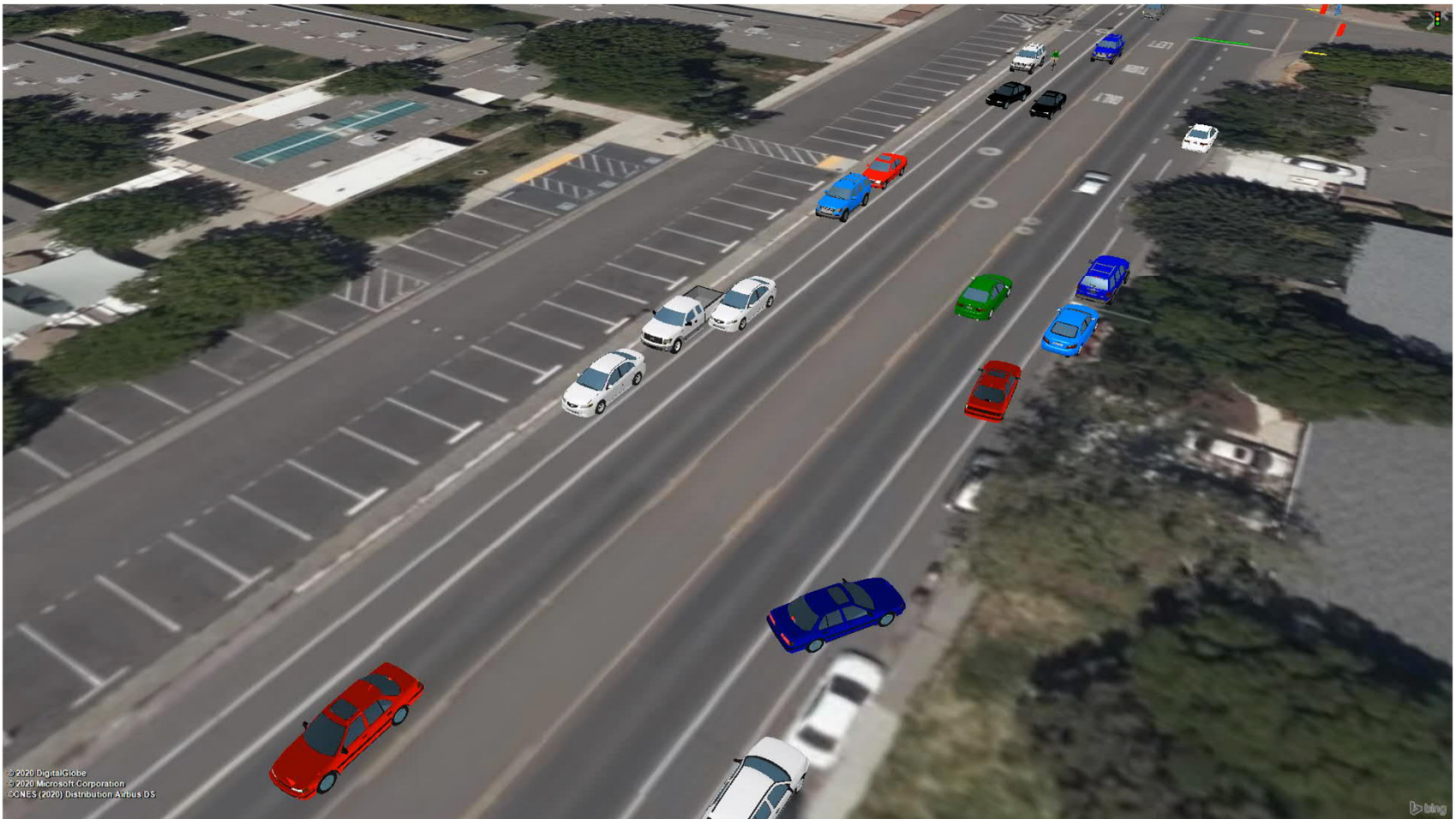
Concept 1



Concept 2



Existing Operations



Concept 1 Operations



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Existing drop off condition



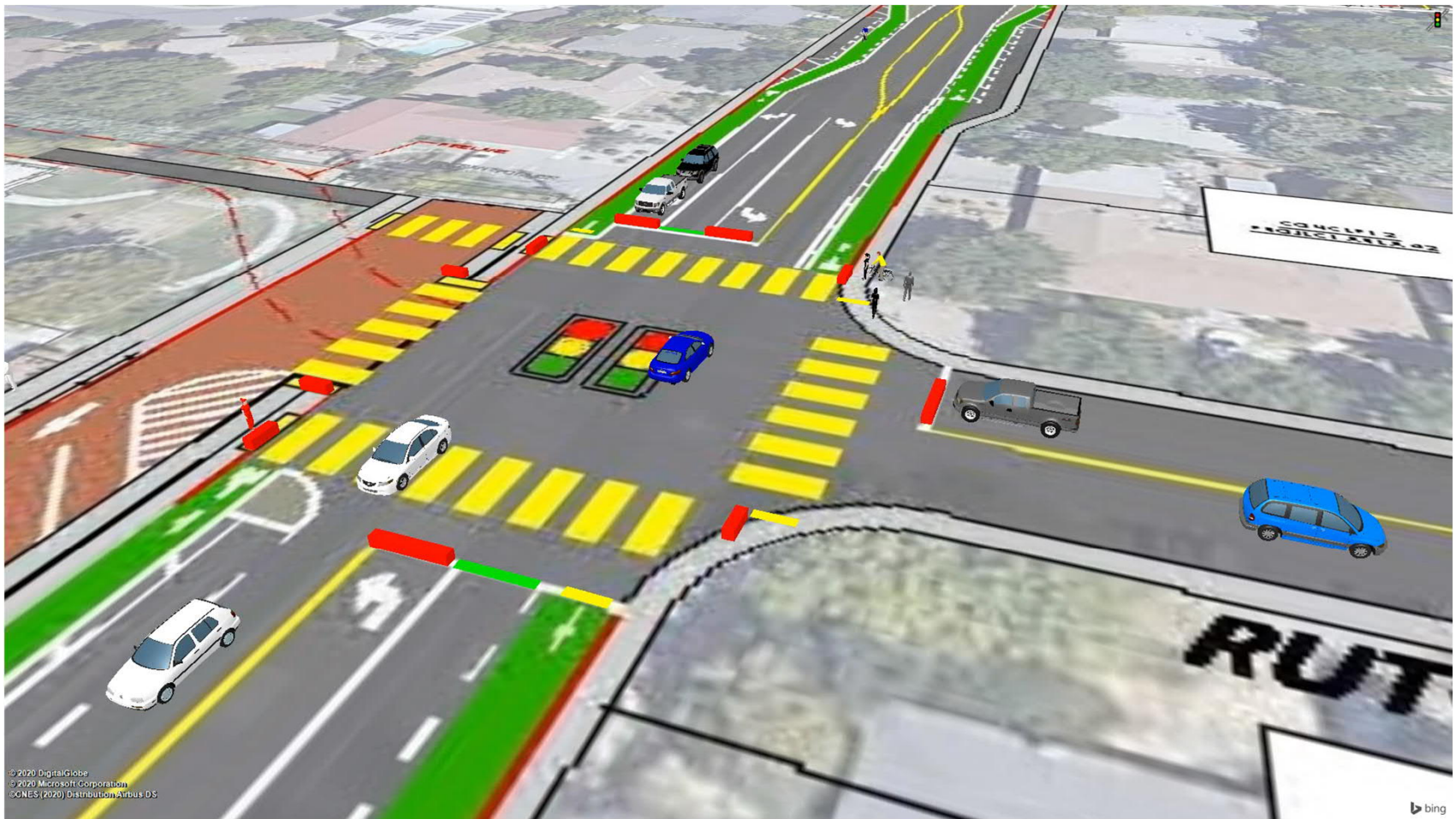
Concept 1



Concept 2



Rutgers Dr. & Anderson Rd. Operations Concept 2



Villanova Dr. & Anderson Rd. Operations (both concepts)



Outreach to Date

Pre-2020:

- 2014 WBAR
- 2015 SACOG grant application outreach
- 2017-18 planning & outreach process.

July / August, 2020: Recorded workshop, survey

September, 2020:

- Recreation & Park Commission
- Live workshop



Next Steps

October:

- Bicycling, Transportation & Street Safety Commission
- City Council

December 2020: Grant application due.

If funded...

Spring – Fall 2021:

- Begin final design process
- Re-initiate community outreach

Summer 2022: Begin construction



Anderson Road – Chavez E.S. Improvements

<https://www.cityofdavis.org/anderson>

Project Manager:

Brian Abbanat, Senior Transportation Planner
Transportation Division

Public Works Engineering and Transportation Department

babbanat@cityofdavis.org



Public Comment

How to Provide Questions and Comments

- On computer use raise hand tool
- On phone use *9
- After meeting email macecomments30@cityofdavis.org

Tips

- Ask questions first
- If time is left, then share comment
- Use email to send additional comments until July 30th at 8:00 a.m.