

Mace Boulevard Redesign

Public Workshop
January 20, 2022



Agenda

- Opening remarks
- Goals
- Phasing discussion
- Preliminary design concepts
- Next steps
- Comments

Meeting Engagement

1. Presentation
2. Questions and comments after presentation
3. A strict two minutes allowed per person

How to Provide Questions and Comments

- On computer use raise hand tool
- On phone use *9
- After meeting email
macecomments2022@cityofdavis.org

Opening Remarks

- Welcome – Davis City Manager Mike Webb
- Brief Recap – Davis City Council Members Lucas Frerichs, Josh Chapman
- County Collaboration – Yolo County Supervisor Jim Provenza

Goals

- Reduce the delay for residents along the corridor
- Accommodate people riding bicycles of all ages and abilities
- Discourage rerouting of freeway traffic with navigation applications
- Accommodate emergency response and farm vehicles

Phasing

Phase 1a will include:

- Two full-width southbound traffic lanes between Cowell Blvd. and N El Macero Dr. (with a one-way, protected bike lane and modified median) for the benefit of public safety and farm vehicles. This includes reducing the width of the median and adding some additional landscaping.
- Two full-width northbound traffic lanes between N El Macero Dr. and Cowell Blvd.
- Modifications to the striping between San Marino Ave. and N. El Macero Dr. to accommodate two northbound travel lanes along the full length of the roadway while maintaining the bike buffers.

Phasing

Phase 1a will also include:

- Modifications to the protected intersection at Cowell/Mace, including accommodation for truck-turning radii and modifications to the signal timing and operations.
- Reduction or reconfiguration of the islands at San Marino Ave. and replacement of the flashing red beacon with less obtrusive device.
- Modifications to on-street parking on the west side of Mace Blvd. south of N. El Macero Dr. to San Marino Ave. to accommodate access/wheelchairs at more regular intervals.

Phasing

Phase 1b (to occur after Phase 1a is complete) will include:

- Pilot project metering traffic light simulation at Tremont Rd. and Mace Blvd. (and 30 days later at Montgomery Ave and Mace Blvd.), with details approved by and full participation in planning by city and county (including development of “decision” metrics for which of the two locations piloted will be evaluated). City will pay the costs. City and county will each independently determine whether or not to commit to a permanent project based upon factors, such as traffic improvement, impact of the signal on residents and businesses and any unintended consequences.

Phasing

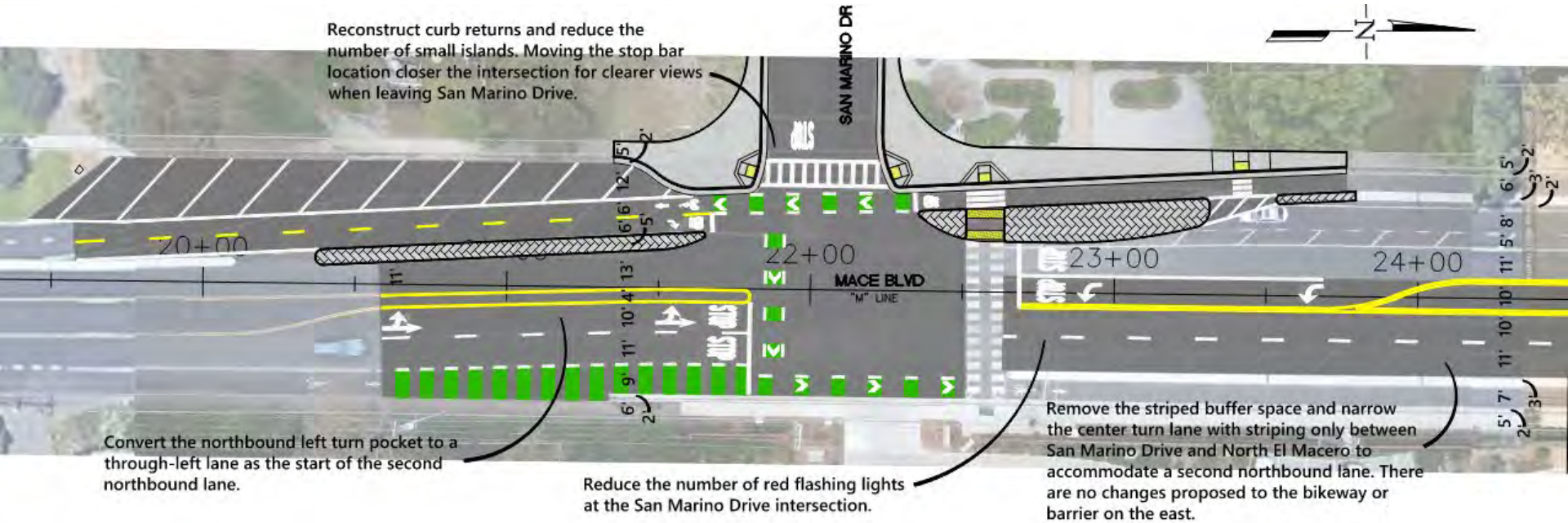
Phase 2 will include:

- Adding two northbound travel lanes from Redbud Dr. to San Marino Ave. after determination of successful traffic light pilot and City/County agreement for permanent metering light.
- Continued consideration of additional right turn lane northbound at Cowell Blvd. in the future.
- Other project modifications not covered in the above and as described in the exhibits

Project Area #2

Phase 1a

San Marino Drive to El Macero Drive



January 6, 2022



BEFORE

**Mace Boulevard and San Marino Drive Intersection
(existing condition)**



AFTER

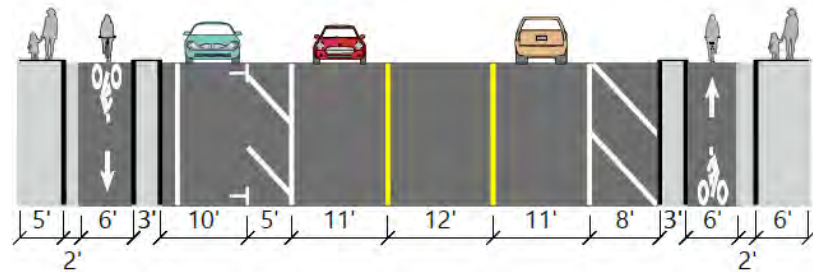
Mace Boulevard and San Marino Drive Intersection
(visual simulation)

Project Area #2

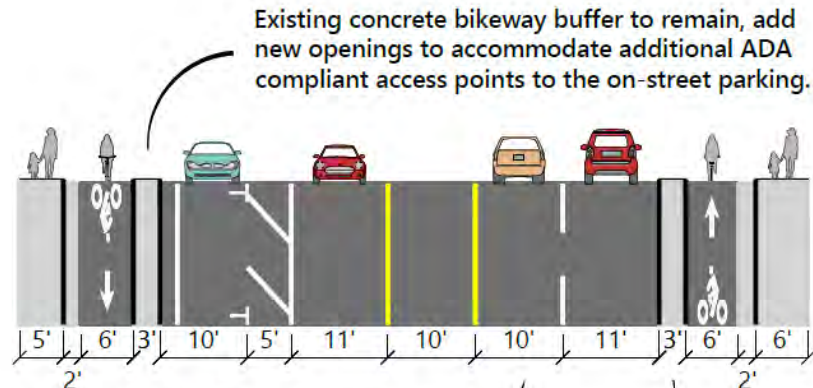
Phase 1a

San Marino Drive to El Macero Drive

EXISTING CONDITIONS PROJECT AREA #2



PROPOSED CONDITIONS PROJECT AREA #2



Existing concrete bikeway buffer to remain, add new openings to accommodate additional ADA compliant access points to the on-street parking.

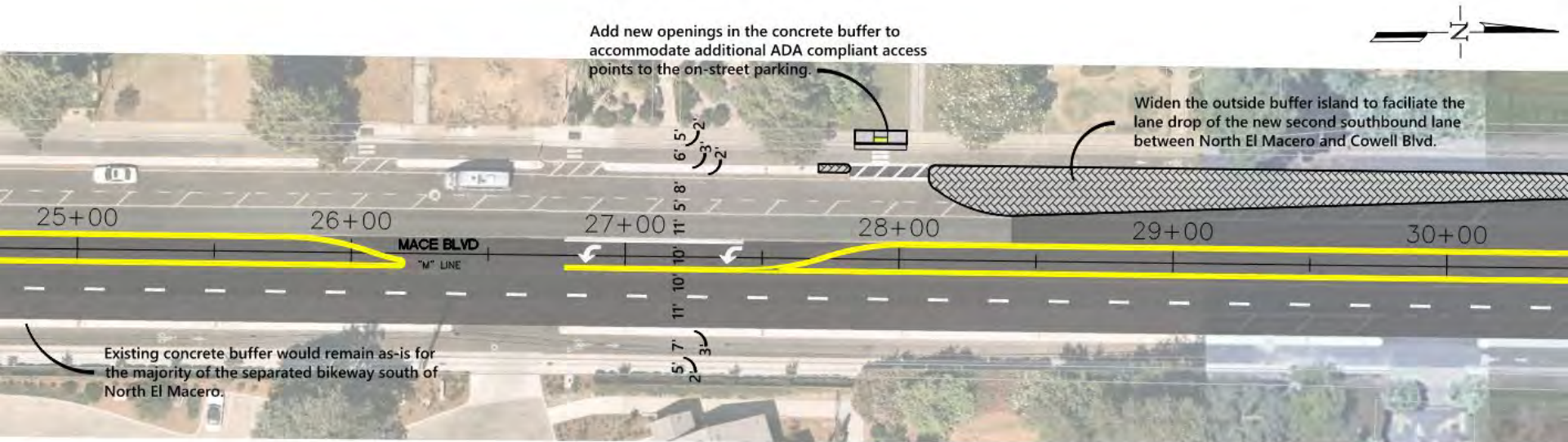
Remove the striped buffer and narrow the striped center turn lane to accommodate a second northbound lane.

Existing concrete bikeway buffer to remain.

Project Area #2

Phase 1a

San Marino Drive to El Macero Drive

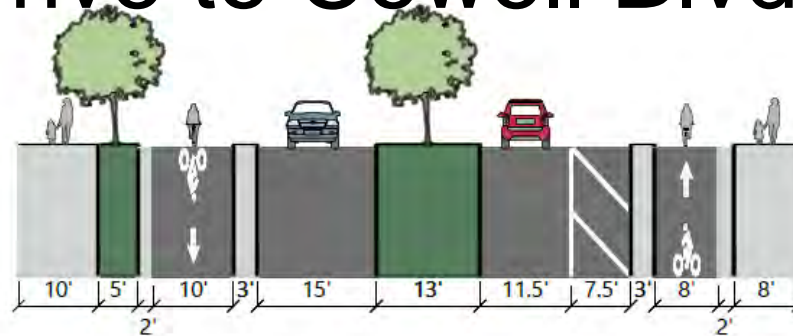


Project Area #3

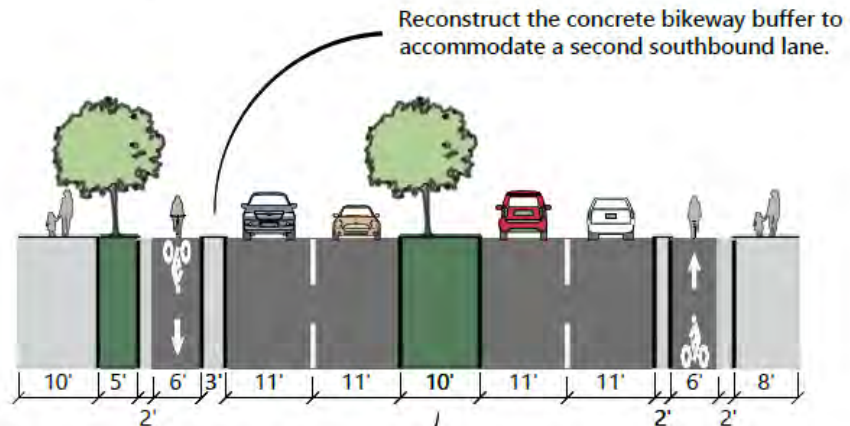
Phase 1a

El Macero Drive to Cowell Blvd.

EXISTING CONDITIONS
PROJECT AREA #3



PROPOSED CONDITIONS
PROJECT AREA #3



Reconstruct the concrete bikeway buffer to accommodate a second southbound lane.

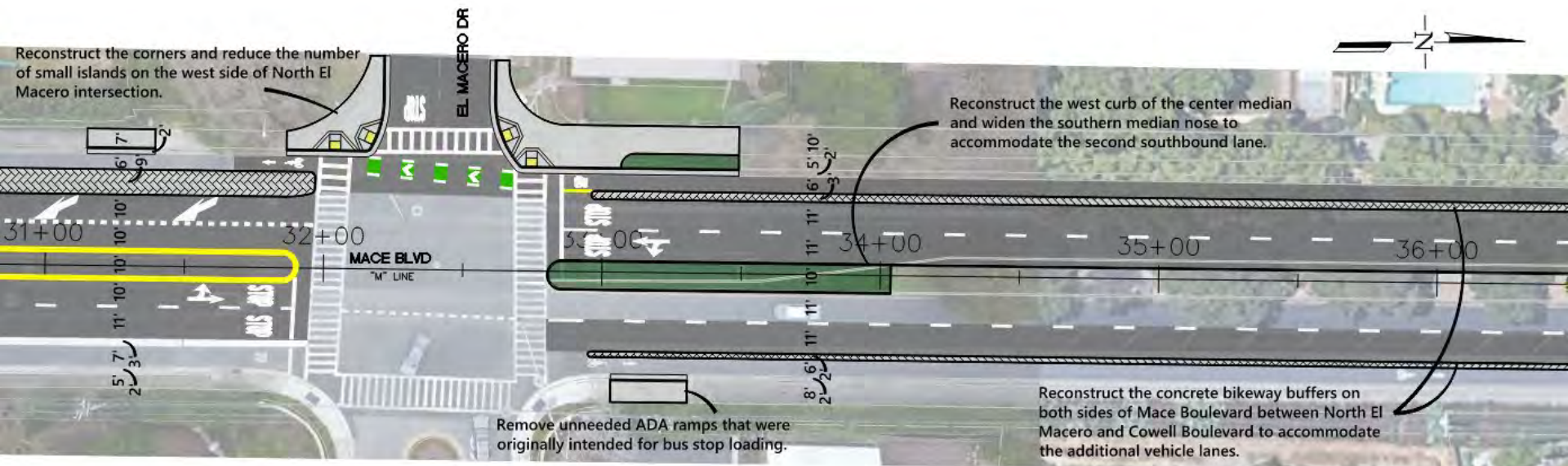
Reconstruct the west curb of the center median to accommodate a second southbound lane.

Reconstruct the concrete bikeway buffer to accommodate a second northbound lane.

Project Area #3

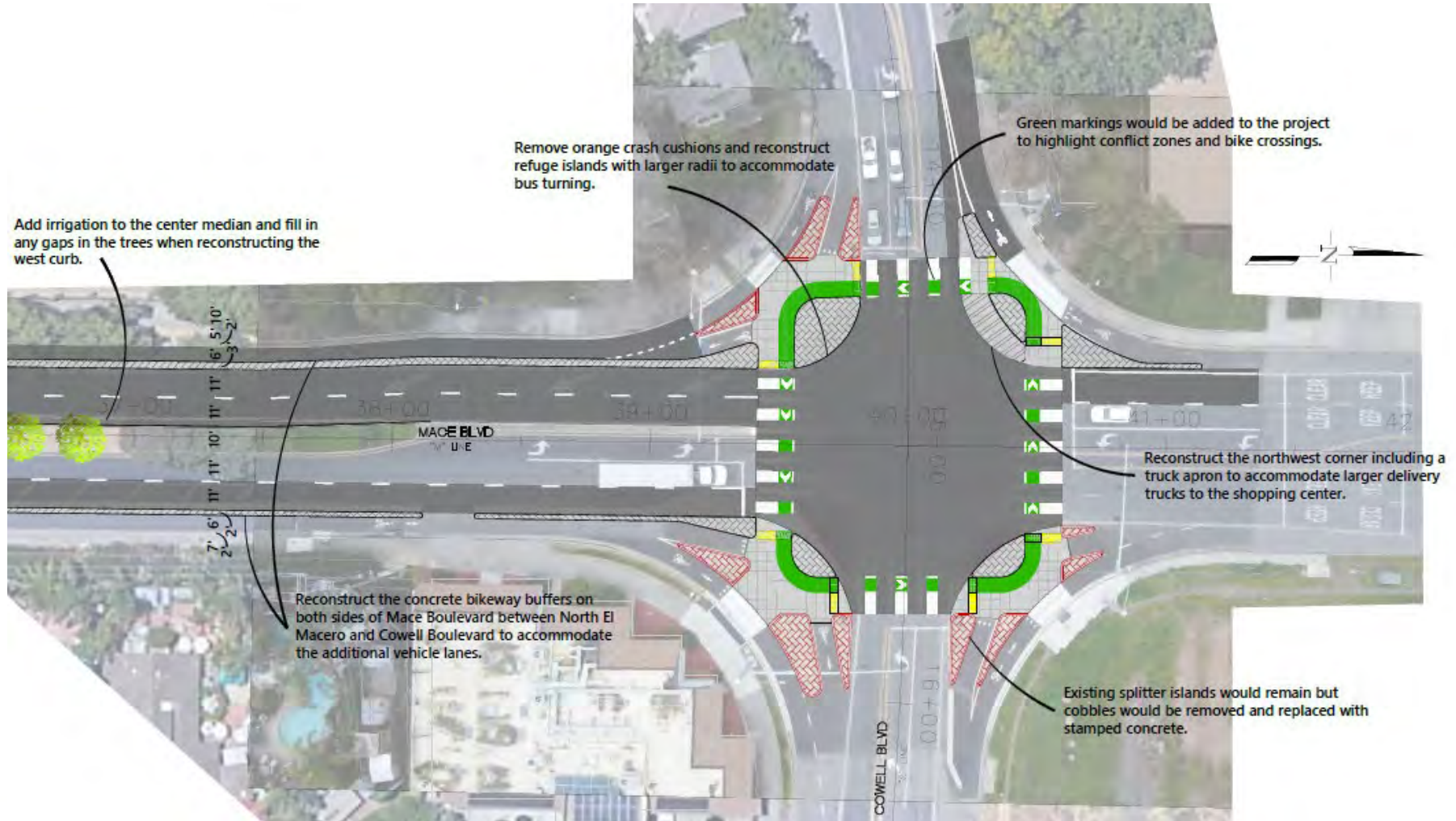
Phase 1a

El Macero Drive to Cowell Blvd.



Project Area #3 – Phase 1a

El Macero Drive to Cowell Blvd.



January 6, 2022



BEFORE

**Mace Boulevard and Cowell Boulevard Intersection
(existing condition)**

January 6, 2022



AFTER without stamped concrete

**Mace Boulevard and Cowell Boulevard Intersection
(visual simulation)**

January 6, 2022



AFTER

Mace Boulevard and Cowell Boulevard Intersection
(visual simulation)

Project Area #1

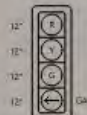
Phase 1b

Traffic Signal at Tremont Rd and CR 104

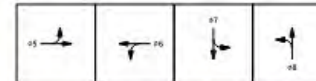
Tremont Road and County Road 104 (Mace Boulevard) is one of two options for a future traffic signal to be implemented after the results of a pilot project.

REMOVAL NOTES:

1. REMOVE EXISTING STOP SIGNS (W-1) AT MACE BOULEVARD / TREMONT ROAD.
2. REMOVE EXISTING STOP LEGEND AT MACE BOULEVARD / TREMONT ROAD.



4-SECTION VEHICLE SIGNAL HEAD
TRD-24-100

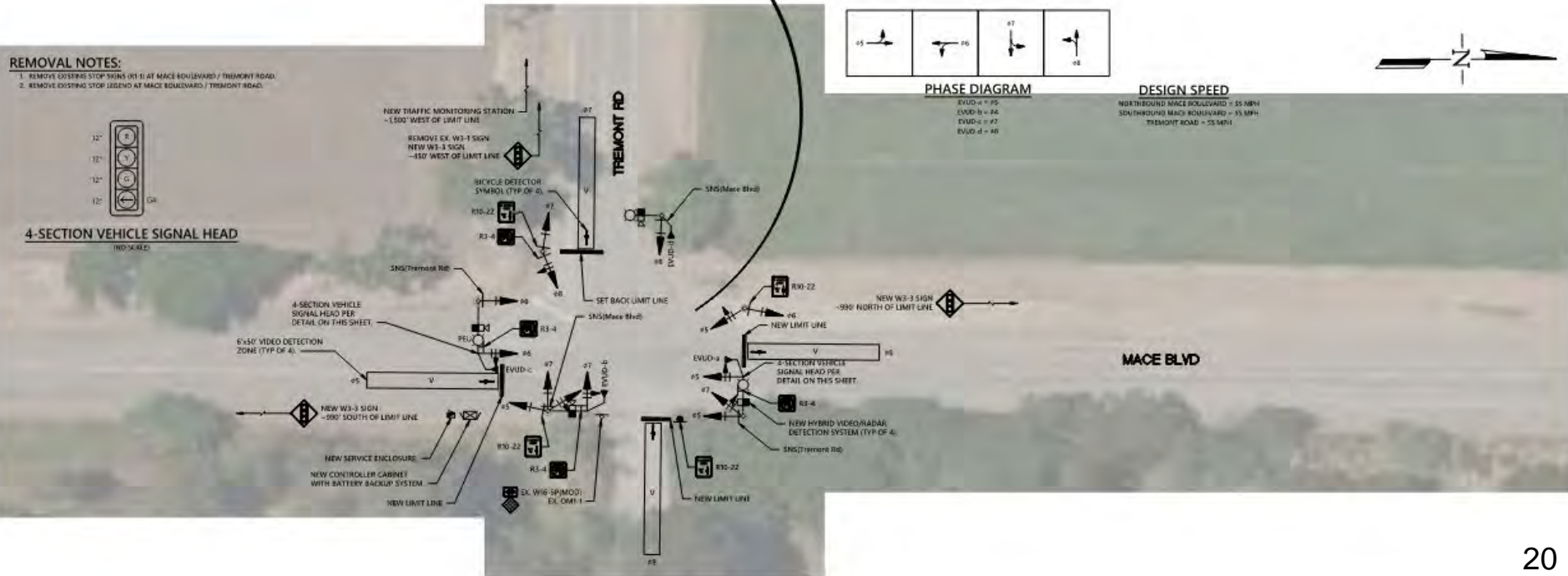
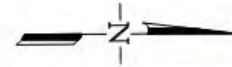


PHASE DIAGRAM

- EVUD-a = 05
- EVUD-b = 06
- EVUD-c = 07
- EVUD-d = 08

DESIGN SPEED

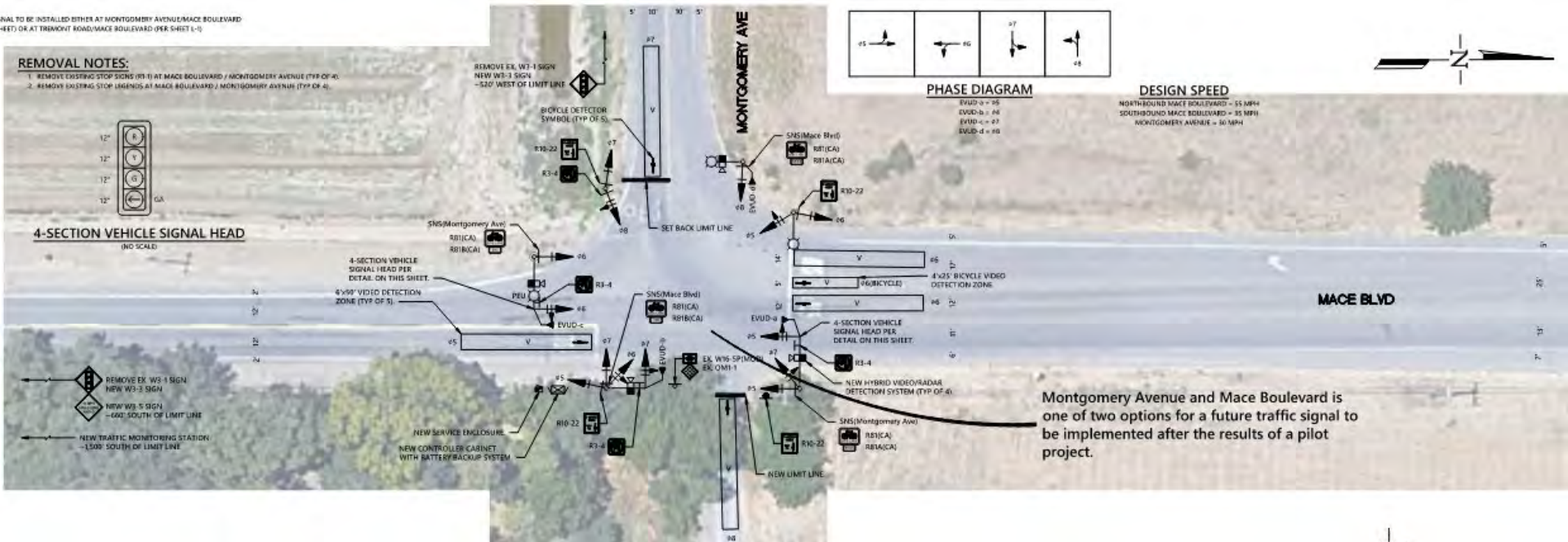
- NORTHBOUND MACE BOULEVARD = 55 MPH
- SOUTHBOUND MACE BOULEVARD = 35 MPH
- TREMONT ROAD = 55 MPH



Project Area #1

Phase 1b

Traffic Signal at Montgomery Ave. and Mace Blvd.



Next Steps

- City Council input and funding allocation
- Create construction drawings for Phase 1a
- Phase 1a construction
- Phase 1b traffic signal pilot project and evaluation
- Solicit community input on the pilot project
- Collaborate with Yolo County on signal options
- Phase 2 improvements as needed

How To Provide Feedback for the Mace Project

- **Tonight, use the raise your hand feature in Zoom (or press *9 on your phone) and wait to be unmuted for the opportunity to ask a question or make a comment, up to two minutes per speaker or**
- Use macecomments2022@cityofdavis.org to provide your comments.
- Comments will be accepted until 8:00 am January 31st
- If you would like to provide comments on the project, please begin by stating which Project Area you are providing ideas on:
 - Project Area #1 – Traffic Signal at Tremont Rd or Montgomery Ave
 - Project Area #2 – San Marino Drive to El Macero Drive
 - Project Area #3 – El Macero Drive to Cowell Blvd
- Comments will be compiled and attached to the staff report that will go to City Council
- Questions received will be compiled with the comments but not responded to individually. The staff report will provide information to cover these questions.