Mace Boulevard
Corridor CIP #8257
(Primary Design Revisions)
What we Heard...

• Congestion and frustration due to reduction from four travel lanes to two.
• Mace/Cowell intersection bulb-outs and pedestrian/bike area is too large.
• Crosswalks too wide and set back, impacts line of sight.
• Protected bike lane eliminates second travel lane, confines bikes, and is too wide.
• Difficulty exiting San Marino onto Mace due to congestion.
• Traffic lane width feels tight.
Solution Options

• **Mace & Cowell**: Consider several design options.

• **El Macero to Cowell**: Restore to four lanes, remove protected bike lanes, restore bike lane(s) and/or construct multi-use path.

• **San Marino to El Macero**: Restore NB to two lanes.

• **San Marino Drive**: Convert to stop-controlled intersection, design revisions. Put HAWK signal in flashing red.
ID #1, Mace Blvd. / Cowell Blvd. Intersection (Existing)

= Existing project construction.
ID #1, Alternative 1: Restore to Four Lanes
(Recommended)

- Remove protected bike lane.
- Restore second travel lane.
- Consolidate separated bike/ped crossings into single shared crossing.
- Reconstruct sidewalk into a 12’-13’ path with protective fence or other delineator.
- Reduce island size.

= Proposed physical or striping changes.
= Existing project construction.
ID #1, Alternative 2: Four Lanes with Right Turn Pockets

- Increased crossing distances for bikes/peds: 8 lanes (6 vehicle + 2 bike)
- Reduced turning speeds from right turn pockets.

Purple = Proposed physical or striping changes.
ID #1, Alternative 2: Four Lanes with Combined Bike/Turn Lane

Increased crossing distances for bikes/peds: 8 lanes (6 vehicle + 2 bike)

Reduced turning speeds from right turn pockets.

= Proposed physical or striping changes.
ID #1, Alternative 3: Four Lanes with Channelized Right Turns

Increased crossing distances for bikes/peds (5 lanes)

= Proposed physical or striping changes.
ID #1, Alternative 4: Restore to Original Configuration
ID #2, Mace Blvd. / El Macero Dr. Intersection Existing

= Existing project construction.
ID #2, Mace Blvd. / El Macero Dr. Intersection Design
(Recommended)

- Reconstruct island.
- Reduce existing islands, create transition to protected bike lane on south side.
- Continue:
  - Two travel lanes north bound.
  - Convert median lane to combined through/left turn.
- Remove protected bike lane.
- Restore second travel lane.
- Restore bike lane.
- NO BIKE LANE
- Reconstruct sidewalk into a 12’-13’ path with protective fence or other delineator.

= Existing project construction.
= Proposed physical or striping changes.
ID #2, Mace Blvd. Between San Marino Dr. and El Macero Dr. Existing

To El Macero Dr

= Existing project construction.
ID #3, Mace Blvd Between San Marino Dr. and El Macero Dr. Alternative
(Recommended)

Restore two travel lanes.

= Existing project construction.
= Proposed physical or striping changes.

To El Macero Dr
ID #4, San Marino Dr. Intersection Existing

To El Macero Dr

= Existing project construction.
ID #4, San Marino Dr. Intersection
(Recommended)

- Move stop closer to Mace travel lane.
- Convert to stop-controlled intersection.
- Change HAWK signal head to flashing red.
- Convert existing stop to yield.
- Begin second northbound travel lane.

Legend:
- Gray = Existing project construction.
- Purple = Proposed physical or striping changes.
Mace between Red Bud Dr. & San Marino Dr. Existing
(no proposed changes)

= Existing project construction.

To San Marino Dr
End

cityofdavis.org/maceblvd
ID #1, Alternative 1: Restore to Four Lanes (w/NB channelized turn lane)

- Remove raised median.
- Restore second travel lane.
- Restore bike lane.
- Restore free-right turn lane.

Legend:
- Gray = Existing project construction.
- Purple = Proposed physical or striping changes.