



Murchison Drive, Trousdale Drive, and Davis Drive Bicycle Improvement Project Update

April 7, 2025 City Council Meeting

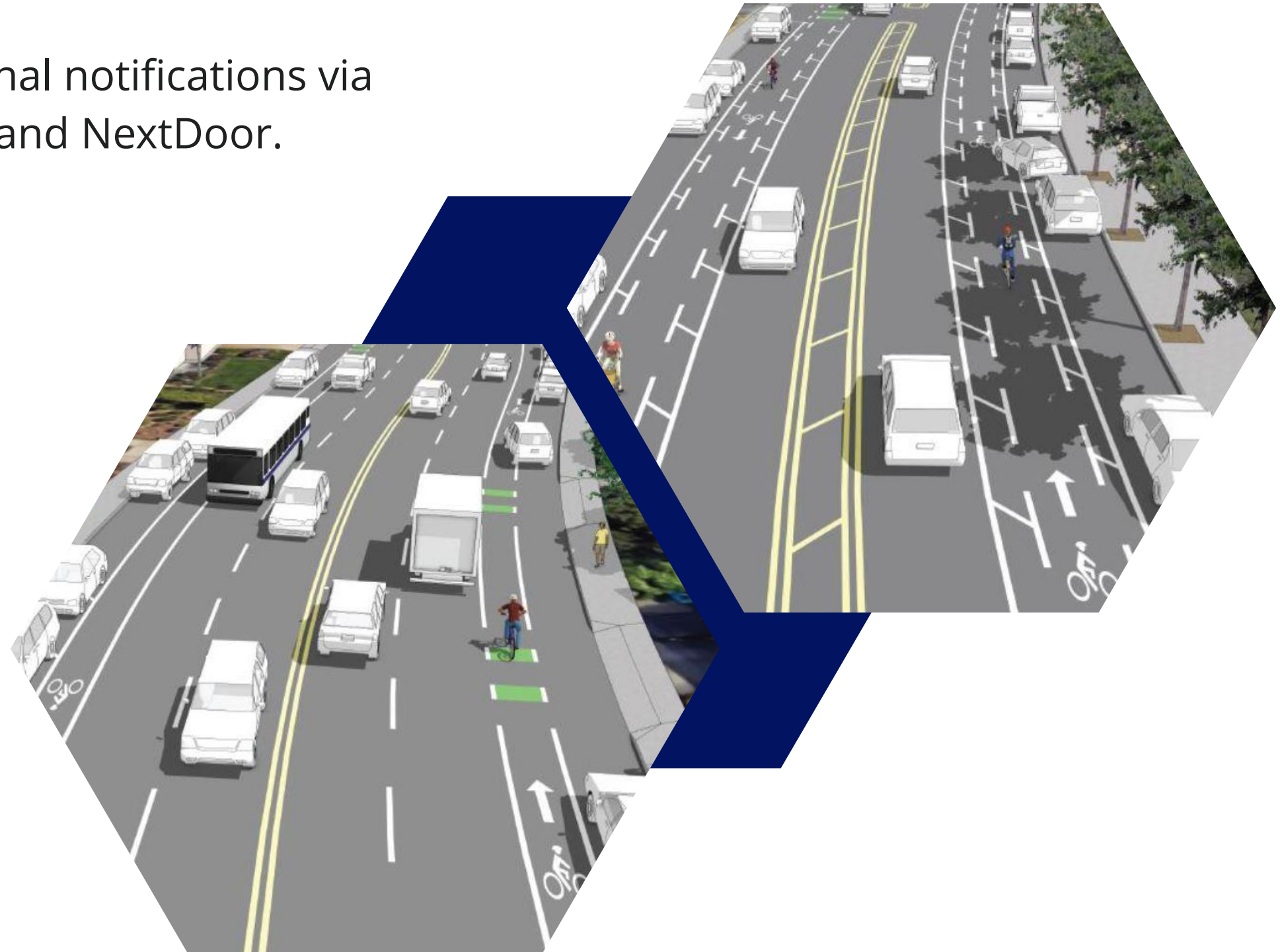


OVERVIEW

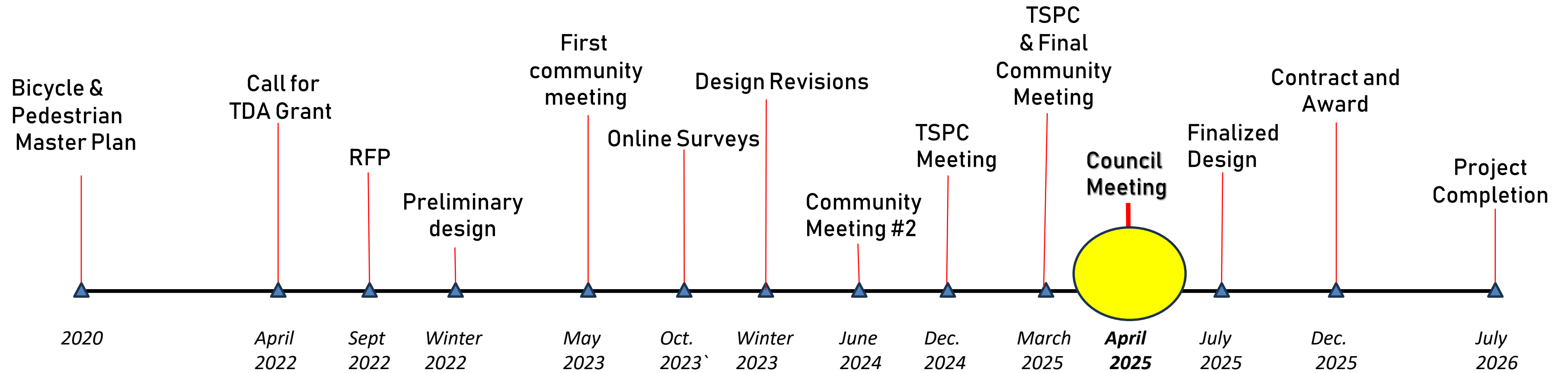
- 1 Provide Project Update to the City Council
- 2 Seek City Council Direction for the Project Alternatives
- 3 Shift into the Design Phase and Project Implementation

EXTENSIVE PUBLIC OUTREACH

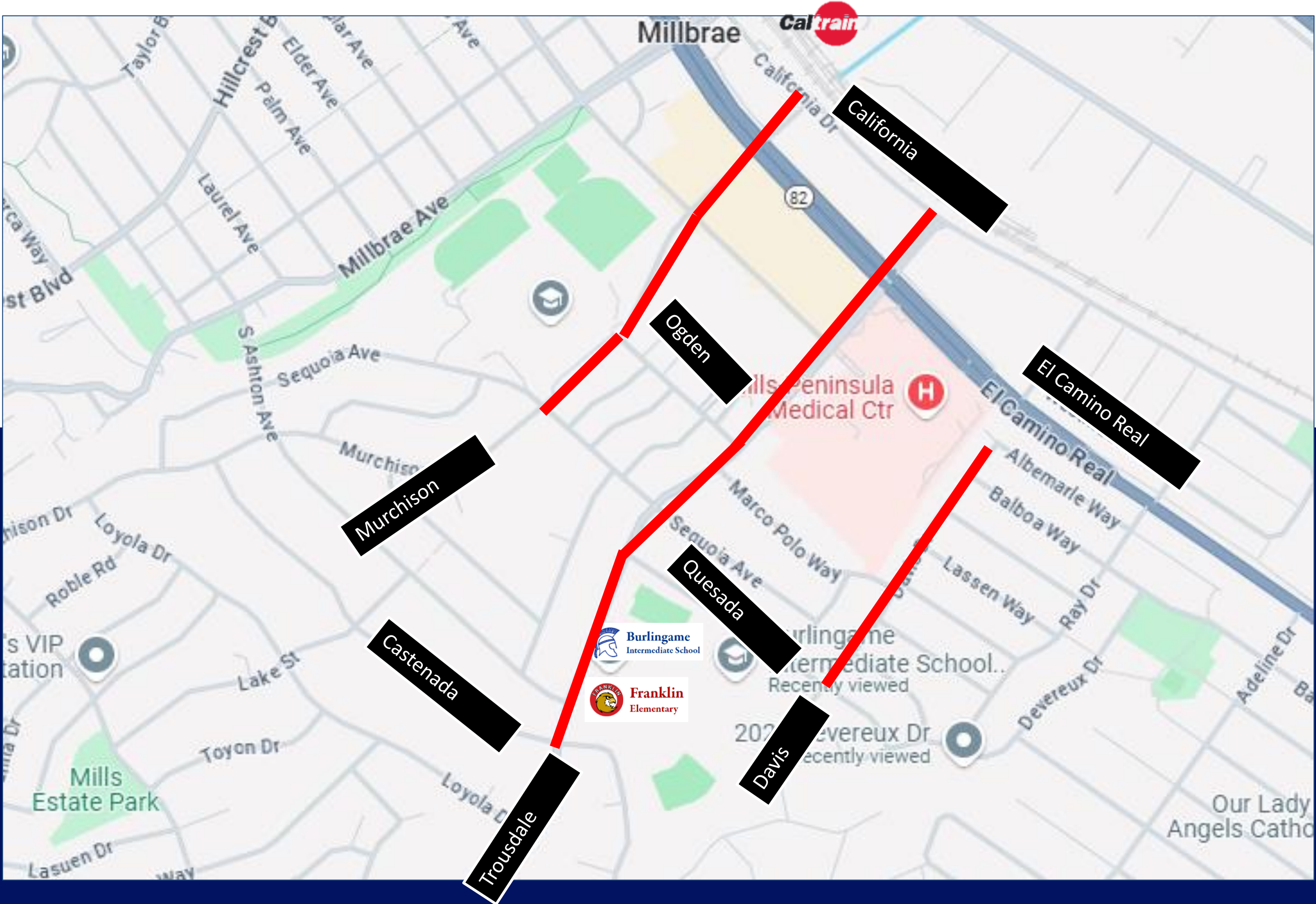
- Four community meetings with opportunity to provide feedback • Additional notifications via eNews and NextDoor.
- Online surveys
- Emailed notices to interested parties who provided email contact info at previous meetings
- Collaboration with the City of Millbrae
- Worked with BIS and Franklin Elementary for student body distribution



PROJECT DEVELOPMENT TIMELINE



PROJECT LIMITS



MURCHISON DRIVE: EXISTING CONDITIONS



MURCHISON DRIVE: ALTERNATIVE 1

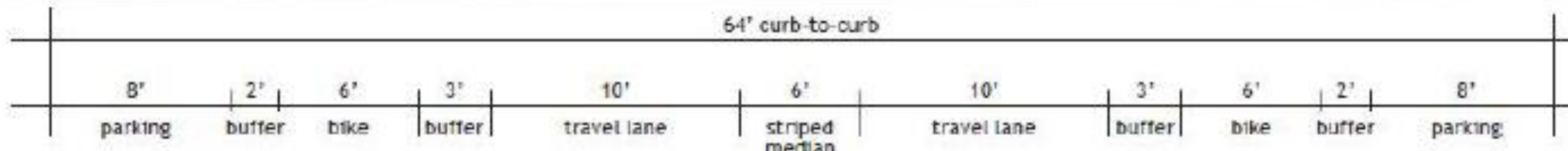
Staff Recommended Concept

Key Benefits

- No change to vehicles capacity
- Buffered lanes provides lower stress for bicyclists
- Parking loss of 11 spaces

Considerations

- Vehicles need to cross bike lane to enter/exit parking
- Smaller buffer between bike lane and travel lane
- Less direct driveway access



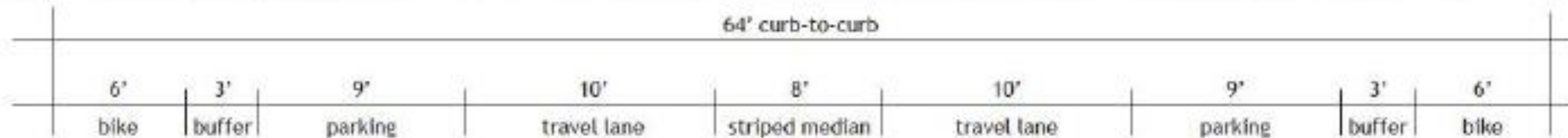
MURCHISON DRIVE: ALTERNATIVE 2

Key Benefits

- No change to vehicles capacity
- Protection for bicyclists

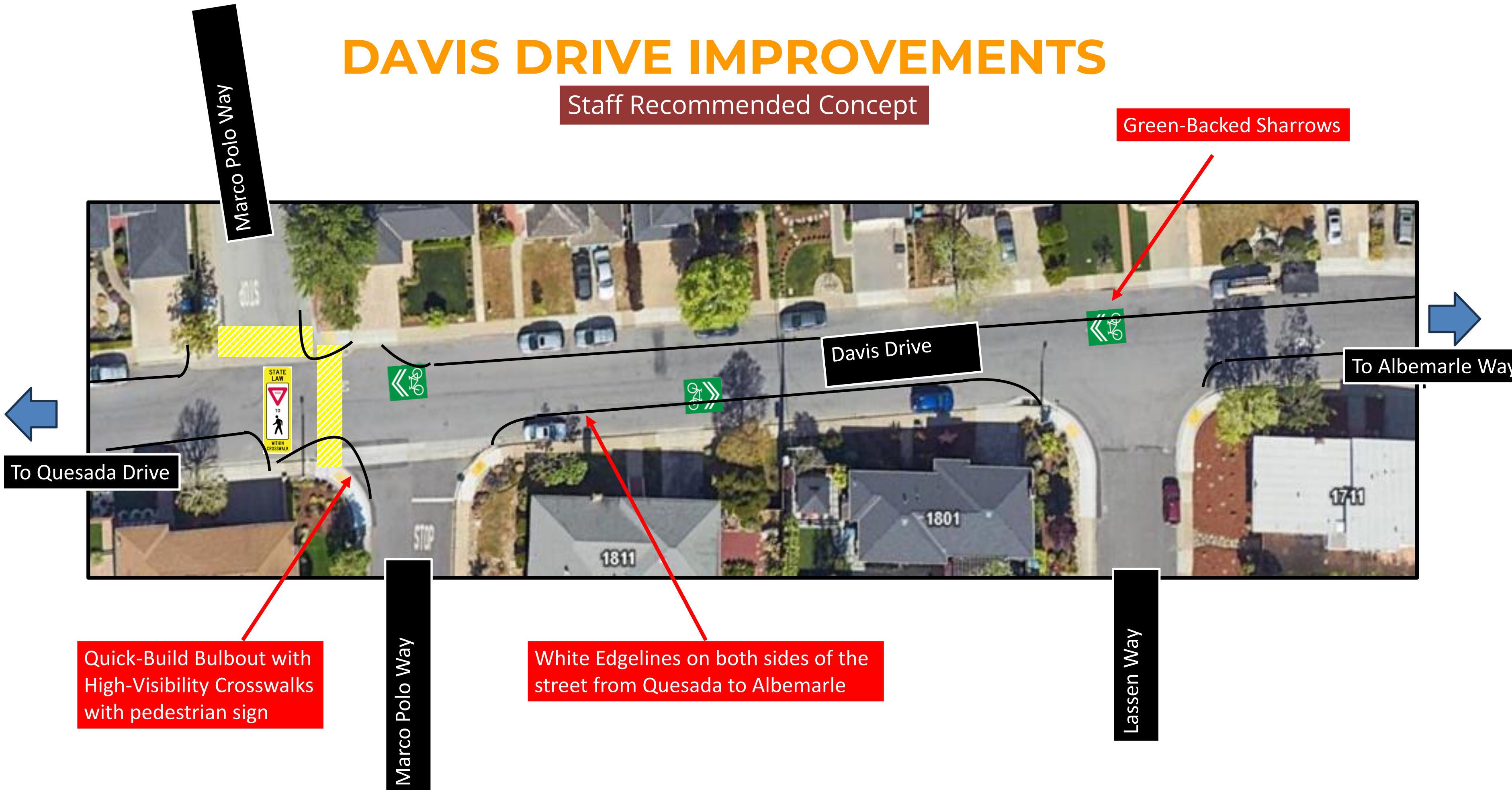
Considerations

- Potential loss of parking at driveways
- Parked vehicles may encroach into buffer
- Less direct driveway access
- Emergency vehicle turning impacts at intersections
- Limits driver's ability to pull over during an emergency.
- Parking loss of 21 spaces



DAVIS DRIVE IMPROVEMENTS

Staff Recommended Concept



Marco Polo Way

Green-Backed Sharrows

Davis Drive

To Albemarle Way

To Quesada Drive

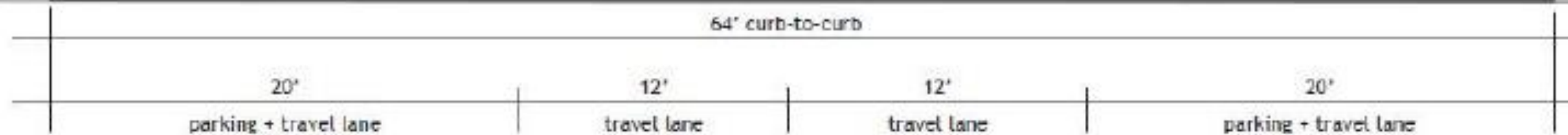
Quick-Build Bulbout with High-Visibility Crosswalks with pedestrian sign

Marco Polo Way

White Edgelines on both sides of the street from Quesada to Albemarle

Lassen Way

TROUSDALE DRIVE: EXISTING CONDITIONS



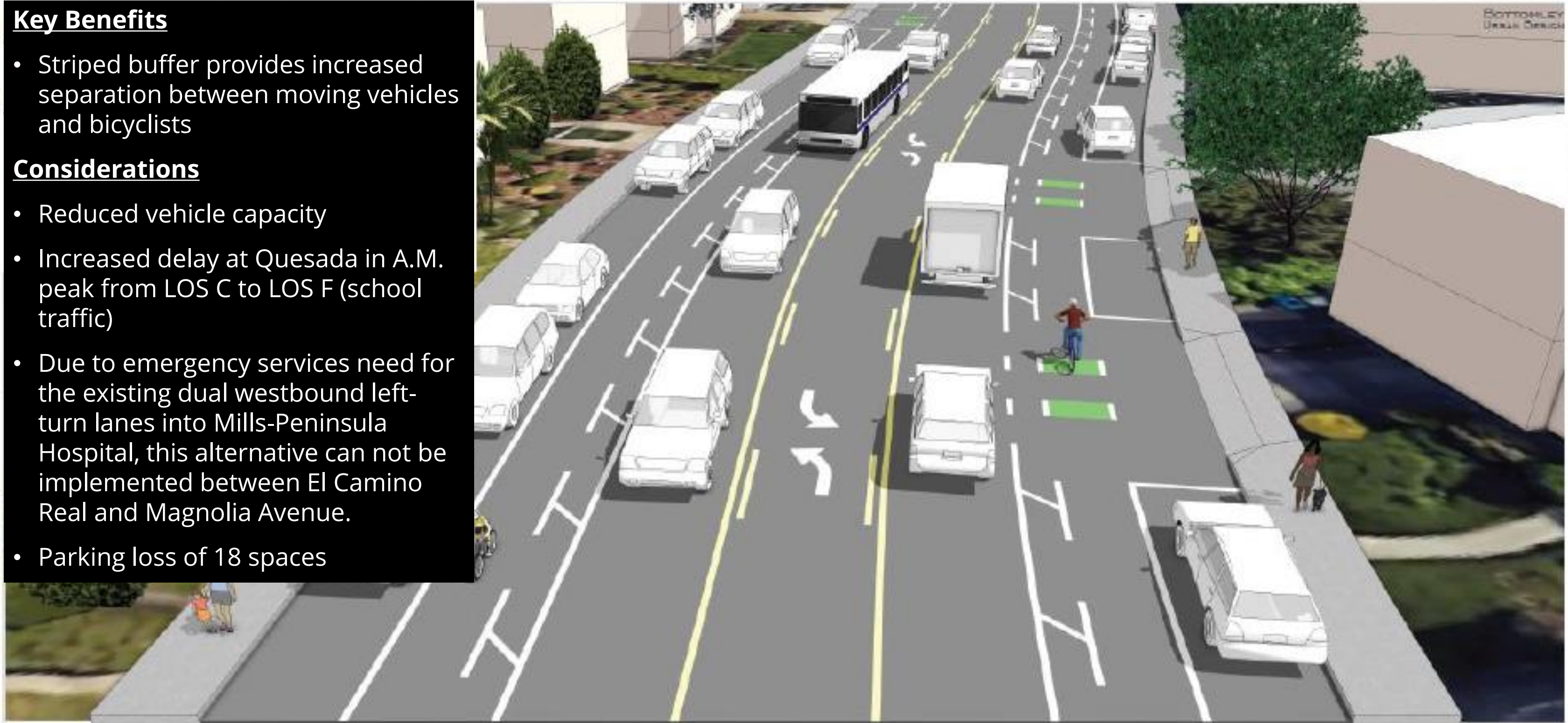
TROUSDALE DRIVE: ALTERNATIVE 1

Key Benefits

- Striped buffer provides increased separation between moving vehicles and bicyclists

Considerations

- Reduced vehicle capacity
- Increased delay at Quesada in A.M. peak from LOS C to LOS F (school traffic)
- Due to emergency services need for the existing dual westbound left-turn lanes into Mills-Peninsula Hospital, this alternative can not be implemented between El Camino Real and Magnolia Avenue.
- Parking loss of 18 spaces



64' curb-to-curb

8'	5.5'	3'	10'	11'	10'	3'	5.5'	8'
parking	bike	buffer	travel lane	center turn lane	travel lane	buffer	bike	parking

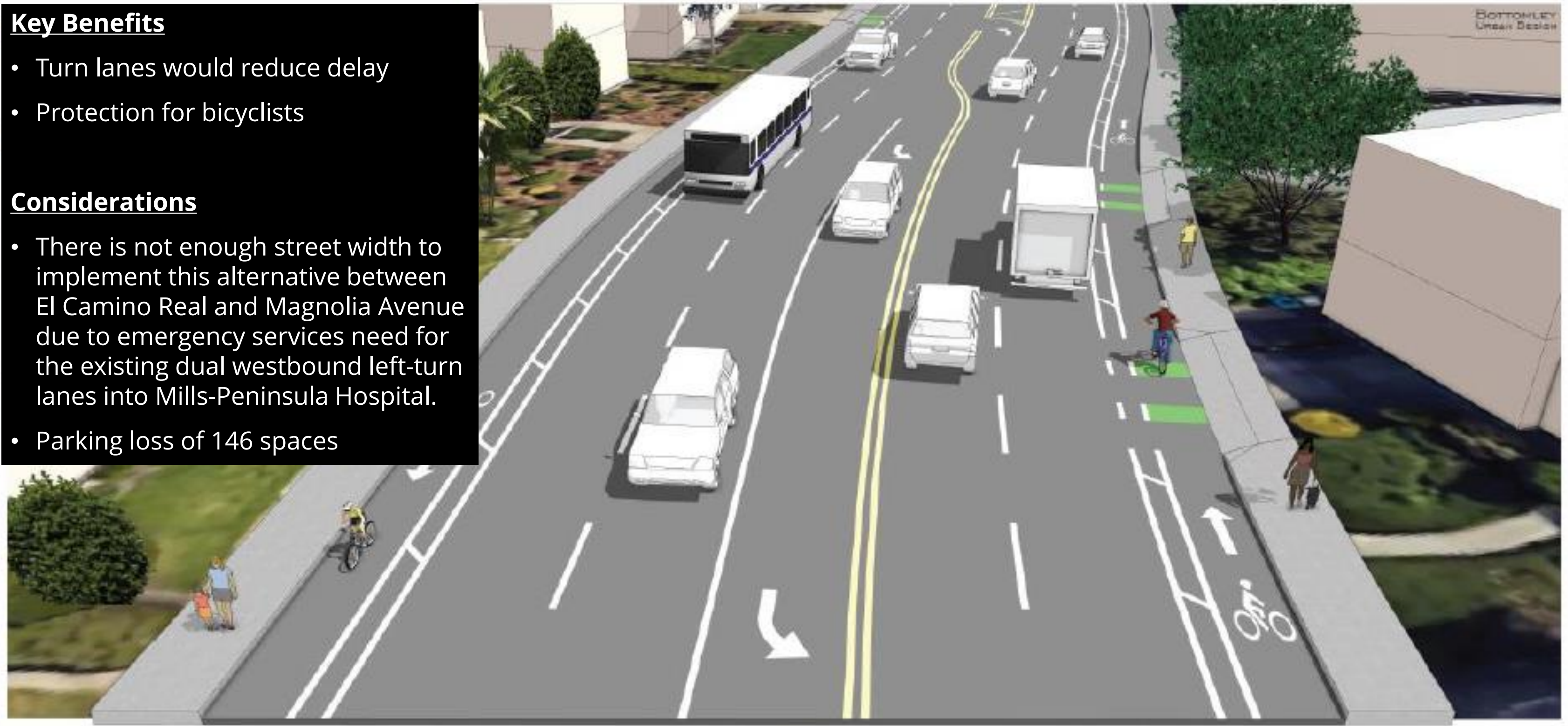
TROUSDALE DRIVE: ALTERNATIVE 2

Key Benefits

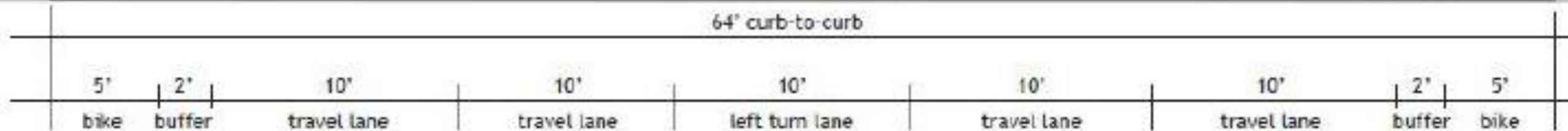
- Turn lanes would reduce delay
- Protection for bicyclists

Considerations

- There is not enough street width to implement this alternative between El Camino Real and Magnolia Avenue due to emergency services need for the existing dual westbound left-turn lanes into Mills-Peninsula Hospital.
- Parking loss of 146 spaces



64' curb-to-curb



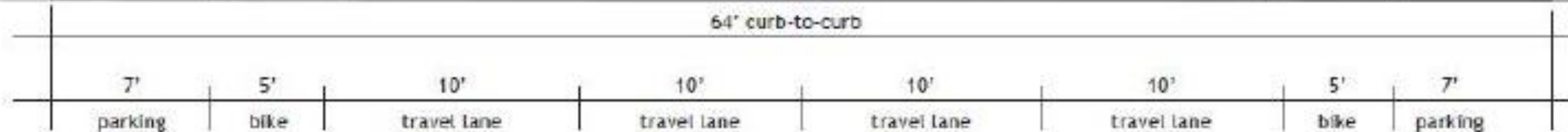
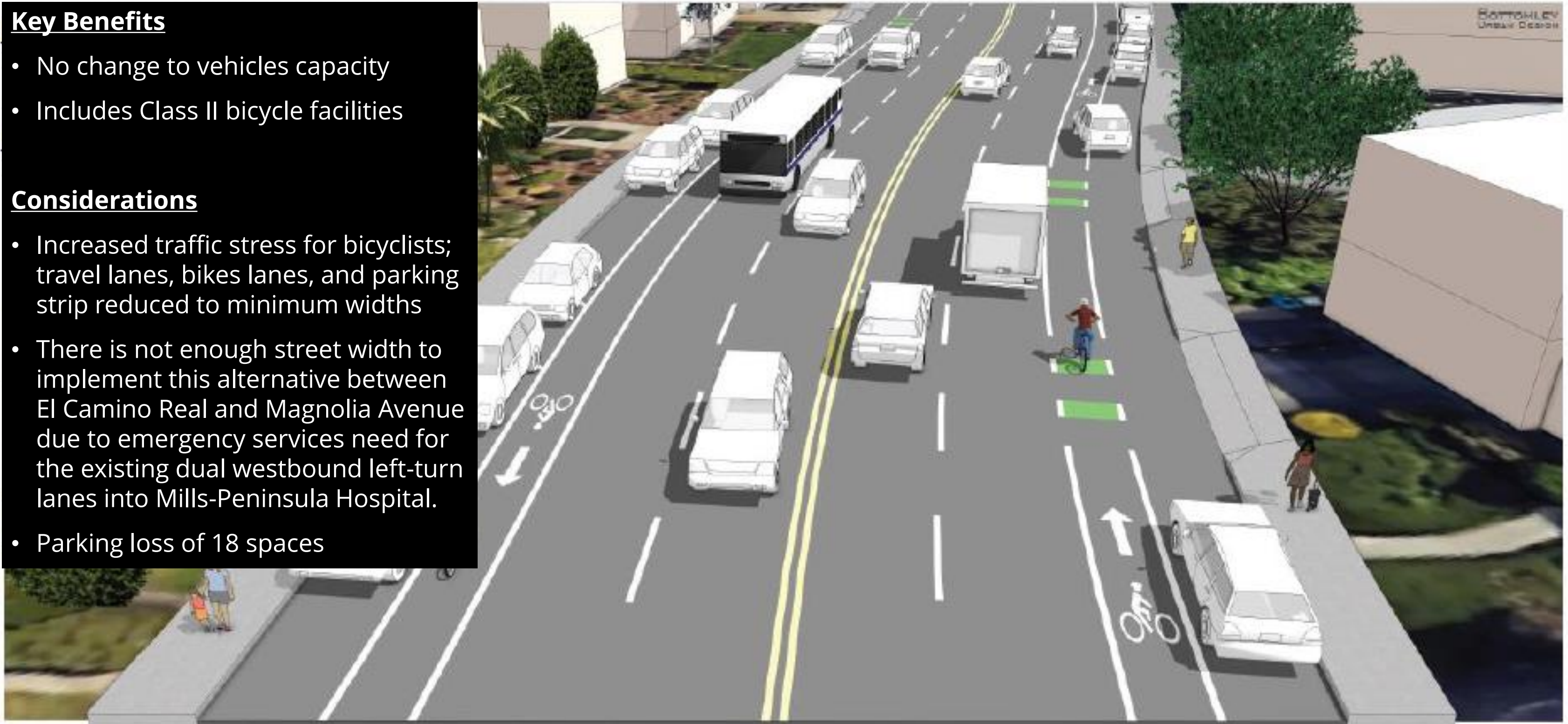
TROUSDALE DRIVE: ALTERNATIVE 3

Key Benefits

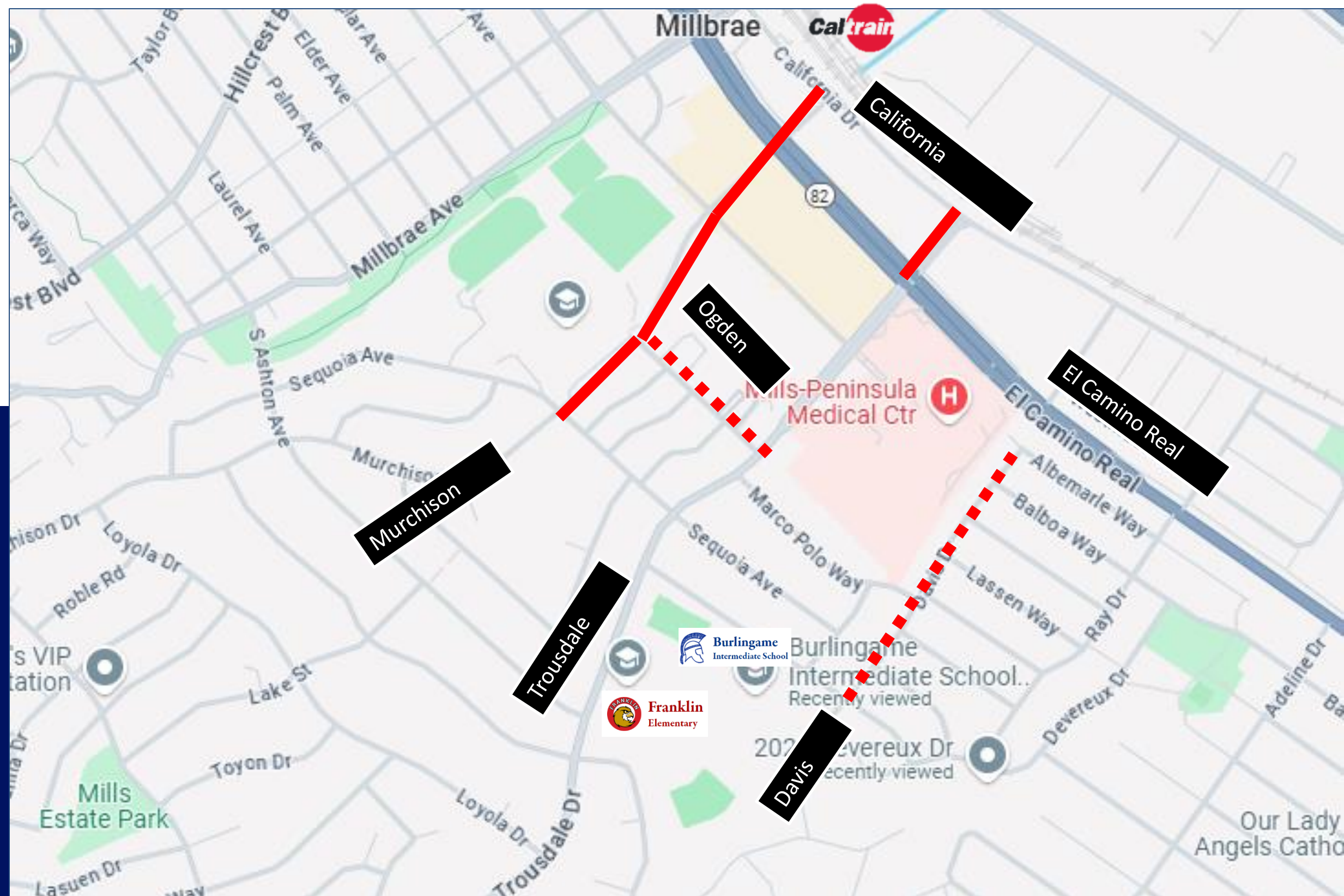
- No change to vehicles capacity
- Includes Class II bicycle facilities

Considerations

- Increased traffic stress for bicyclists; travel lanes, bikes lanes, and parking strip reduced to minimum widths
- There is not enough street width to implement this alternative between El Camino Real and Magnolia Avenue due to emergency services need for the existing dual westbound left-turn lanes into Mills-Peninsula Hospital.
- Parking loss of 18 spaces

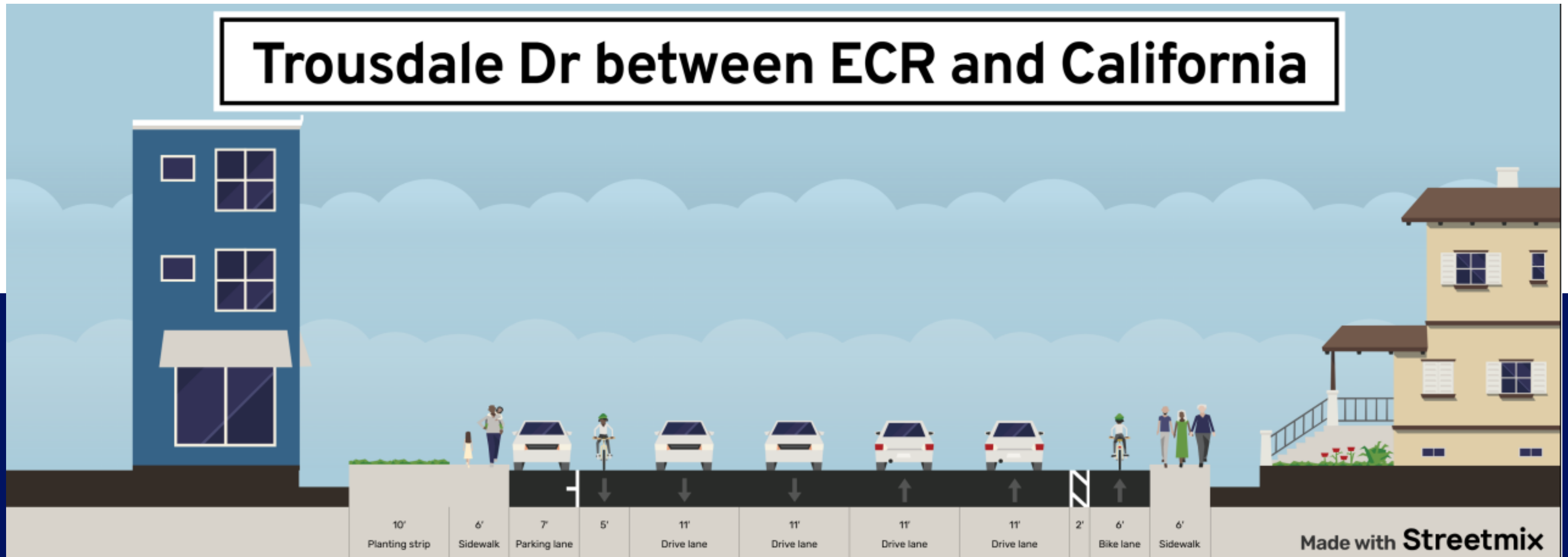


REVISED PROJECT LIMITS



TROUSDALE DRIVE

Trousdale Dr between ECR and California



SUMMARY

Staff Recommendations:

- **Murchison Drive:** Proceed with Alternative 1 (buffered bicycle lanes) with Class III on Ogden Drive between Murchison and Trousdale.
- **Davis Drive:** Proceed with Phased approach starting with green-backed sharrow, roadway edge lines, in-street pedestrian signs, quick-build bulb outs, and a high-visibility crosswalk. No speed cushions at this time.
- **Trousdale Drive:** *Do not proceed at this time*, except for the portion between California Drive and El Camino Real with a Class II bike facility.
- Monitor the above improvements and take necessary steps accordingly and re-evaluate installation of bike lanes on Trousdale in the future as a separate project.
- City Council Direction





**QUESTIONS &
FEEDBACK**