



COLLEGE AREA COMMUNITY PLAN UPDATE

MOBILITY CONCEPTS

December 1, 2021





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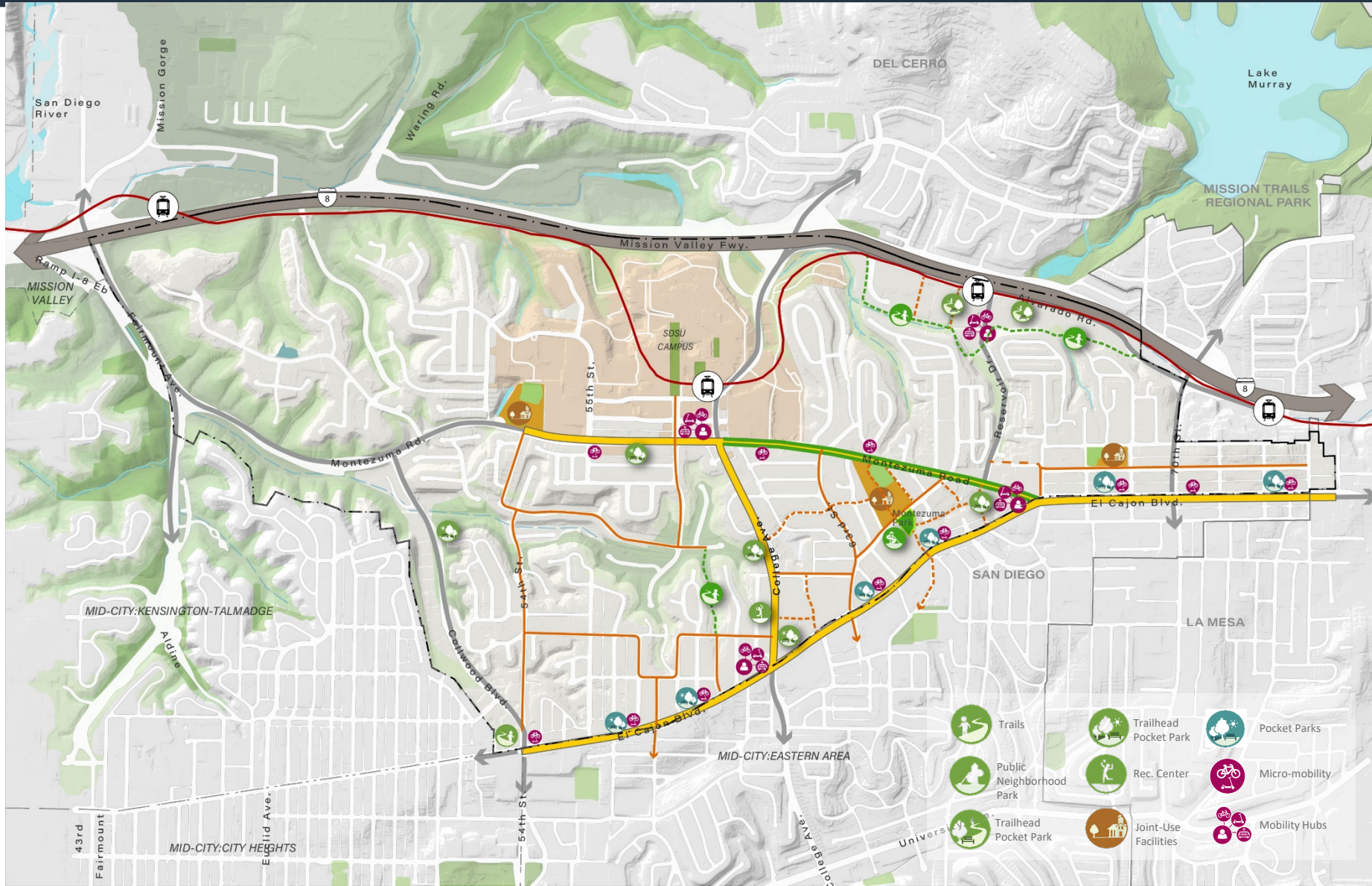
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CR Associates
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- Project Overview
- Mobility Planning Process
- Summary of Existing Conditions
 - Review of Previous Plans
 - Existing Traffic Data
- Proposed Networks
- Corridor Concepts
- Next Steps





Goals

- **Multi-functional corridors** that encourage walking and biking and connect the community to new public spaces
- **Neighborhood greenways** along secondary connections
- **New paseos & trail connections** to provide additional safe and attractive connections between neighborhoods, campus, and beyond

	Multi-functional Corridors		Parks
	Major Corridors		Joint-use Parks
	Secondary Connections		Potential Parks
	New Pedestrian Connections		Potential Public Space

Social Function



Safety & Mobility



Ecological Function



Plazas & Pocket Parks



Multiple Mobility Choices



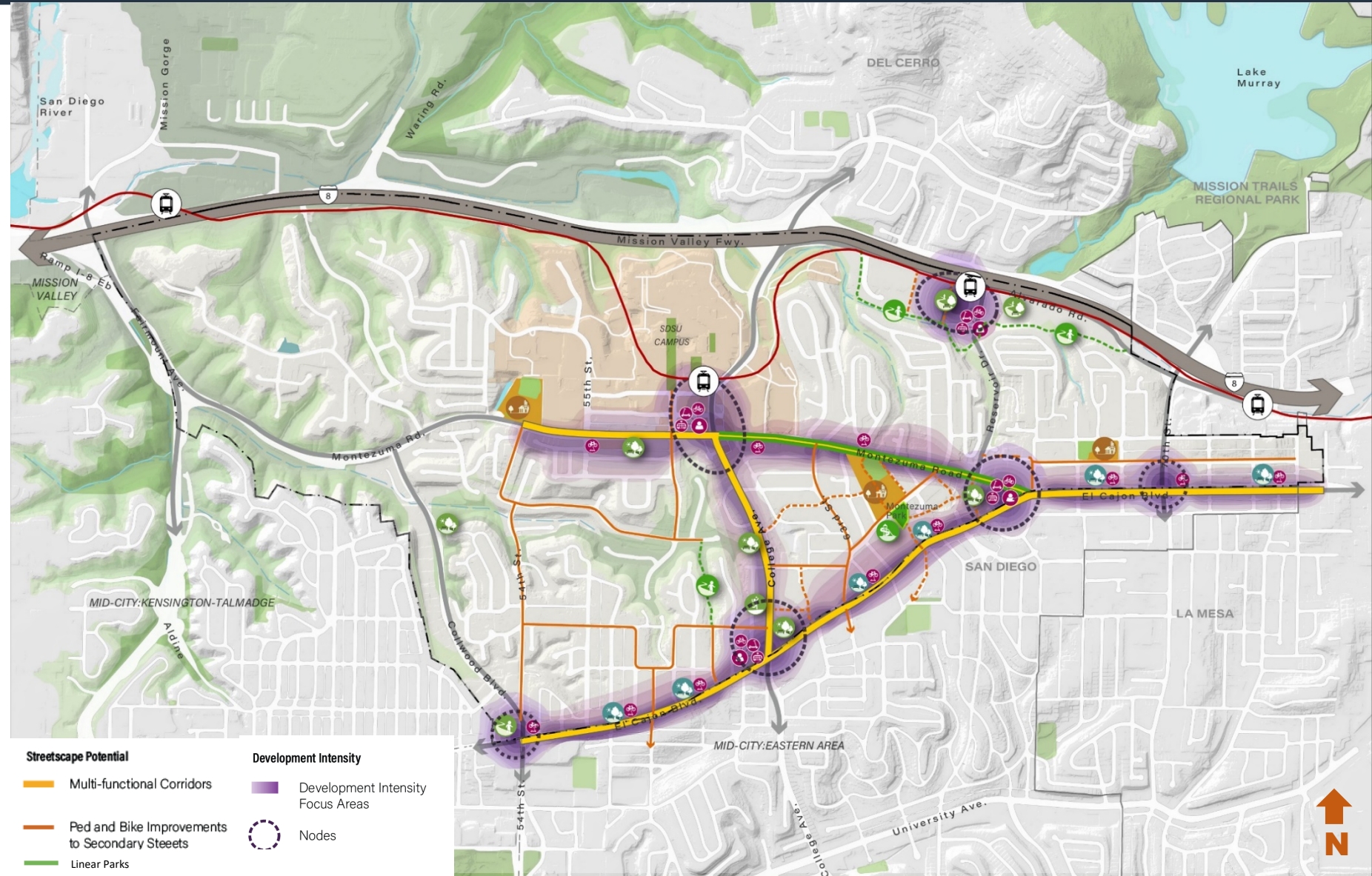
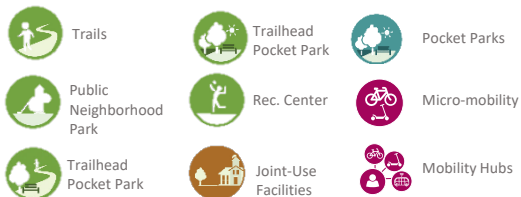
Stormwater Management/Urban Greening

• NODES & CORRIDORS

- Activity hubs with a mix of uses, concentrated development
- Mobility hubs offering transit, active transportation choices
- Linear parks and new public spaces
- Enhanced streetscape environment

• NEIGHBORHOOD TRANSITIONS

- Complementary infill
- Safe and attractive street and public space enhancements



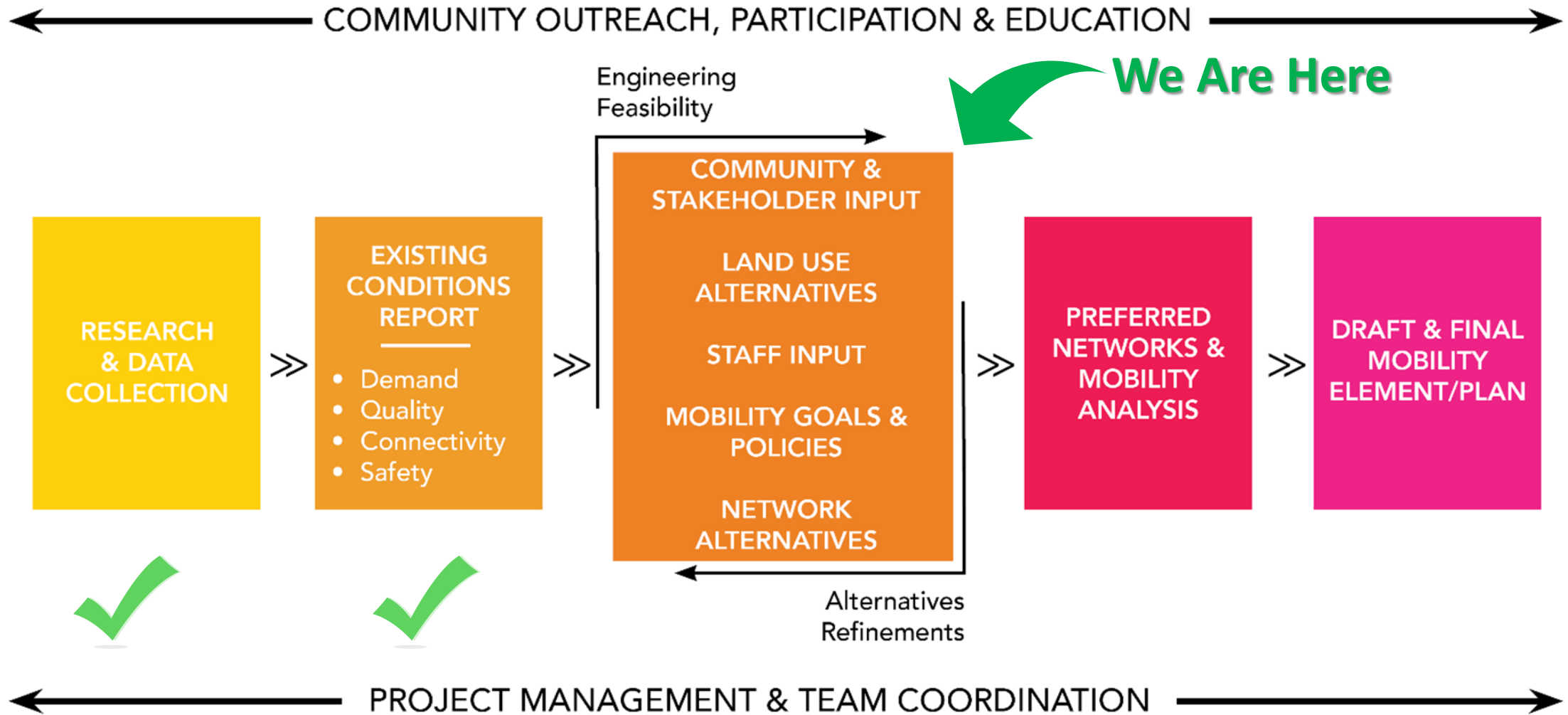


Mobility Related CPU Subcommittee Meetings

- **February 2021**
Existing Conditions
- **April 2021**
Mobility Vision
- **May 2021**
Public Realm & Green Streets
- **December 2021**
Transportation Network & Corridor Concepts

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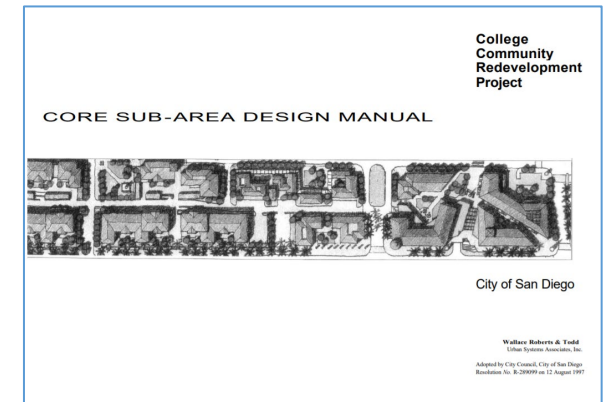
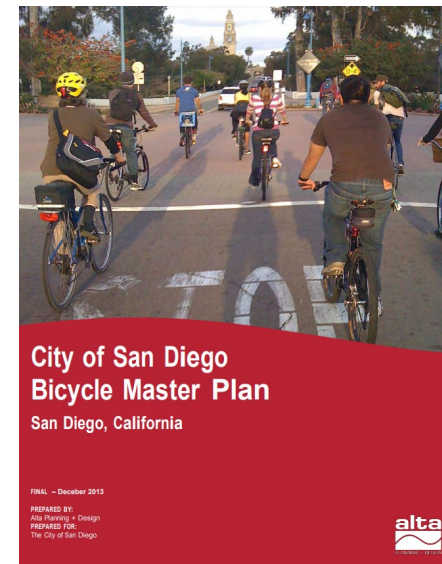
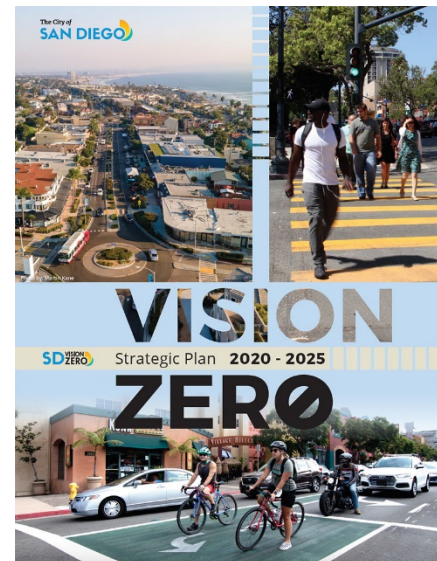
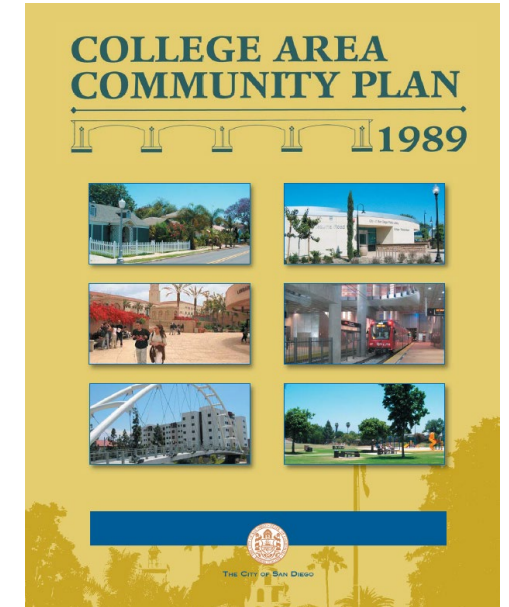
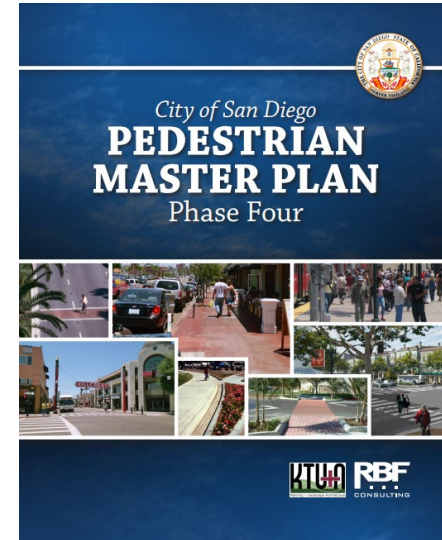
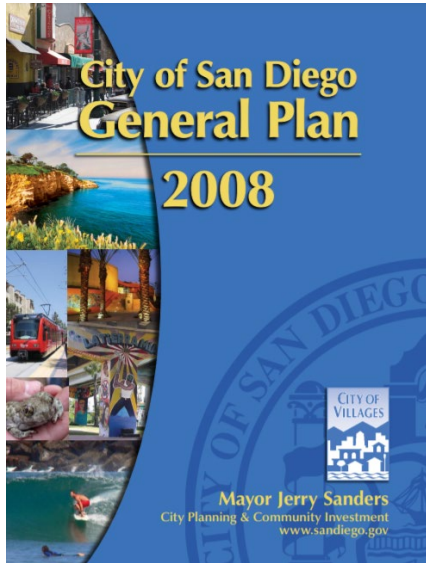




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Previous Plans – Guiding Documents



COLLEGE AREA COMMUNITY COUNCIL



Community Plan Update Report 2020

1

Seven Visions from the Community

1. Meet the community's future housing needs by adding residential and mixed-use density along the community's major corridors and at the three main intersections (nodes).
2. **Reduce traffic congestion and improve local mobility.**
3. Encourage development of a "campus town" on Montezuma Road on the southern edge of SDSU.
4. **Convert Montezuma Road east of College Avenue into a linear park and an extension of the "campus town."**
5. Create a sense of identity and place.
6. **Establish connections between the community and SDSU.**
7. Protect the integrity of the community's single-family neighborhoods.

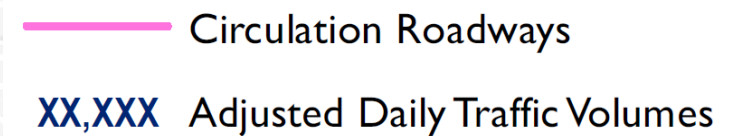
Vision #2 - Reduce traffic congestion and improve local mobility

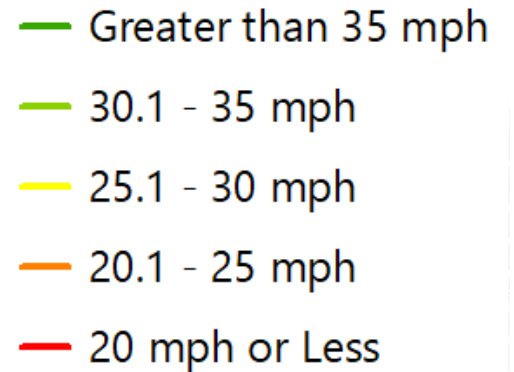


- Improve traffic flow
- Provide quality multi-modal infrastructure
- Create dedicated pedestrian spaces such as linear parks
- Improve transit performance
- Create pedestrian-friendly streets with midblock crossing treatments
- Consider pedestrian bridge near high pedestrian activity areas

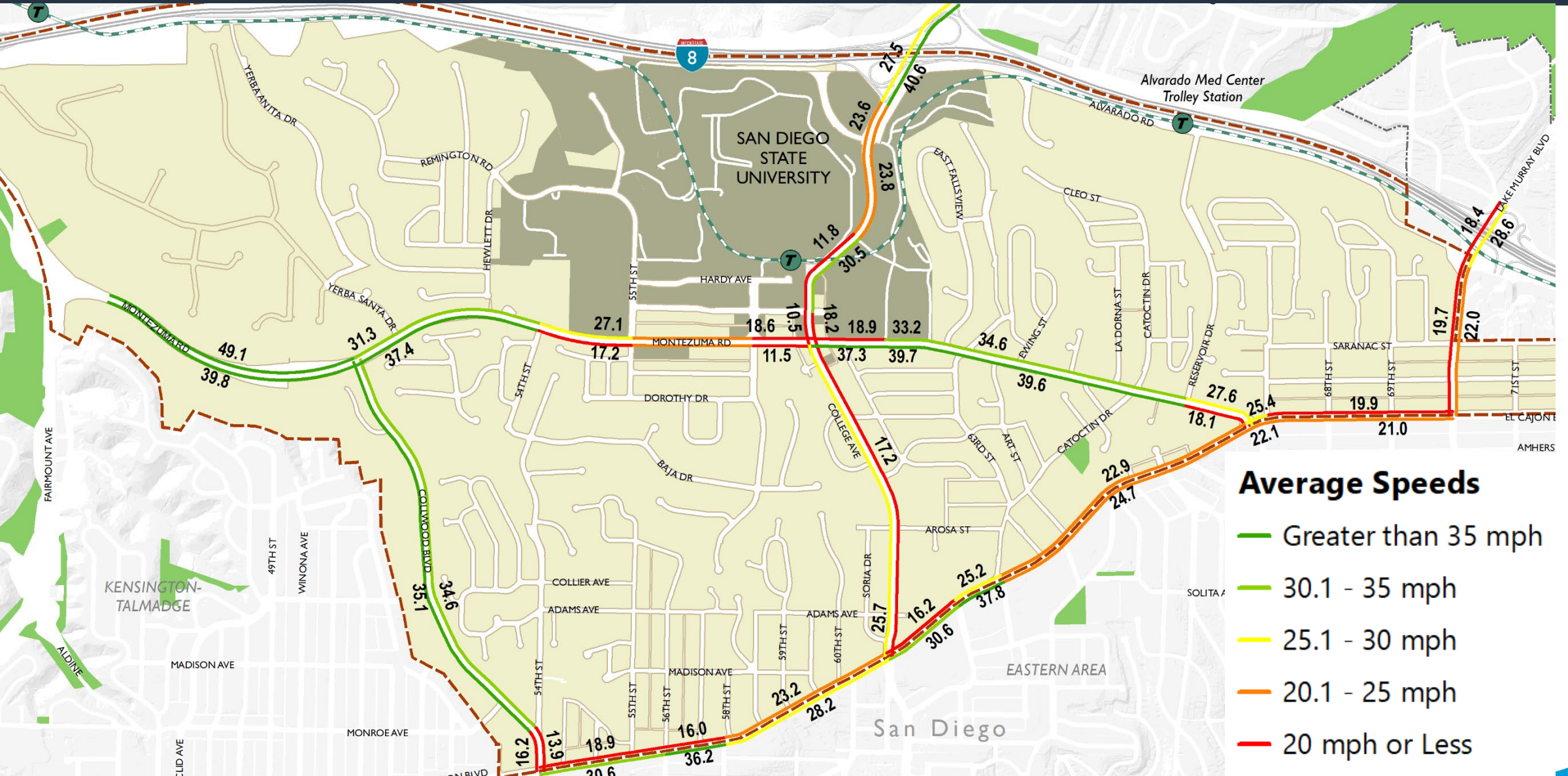
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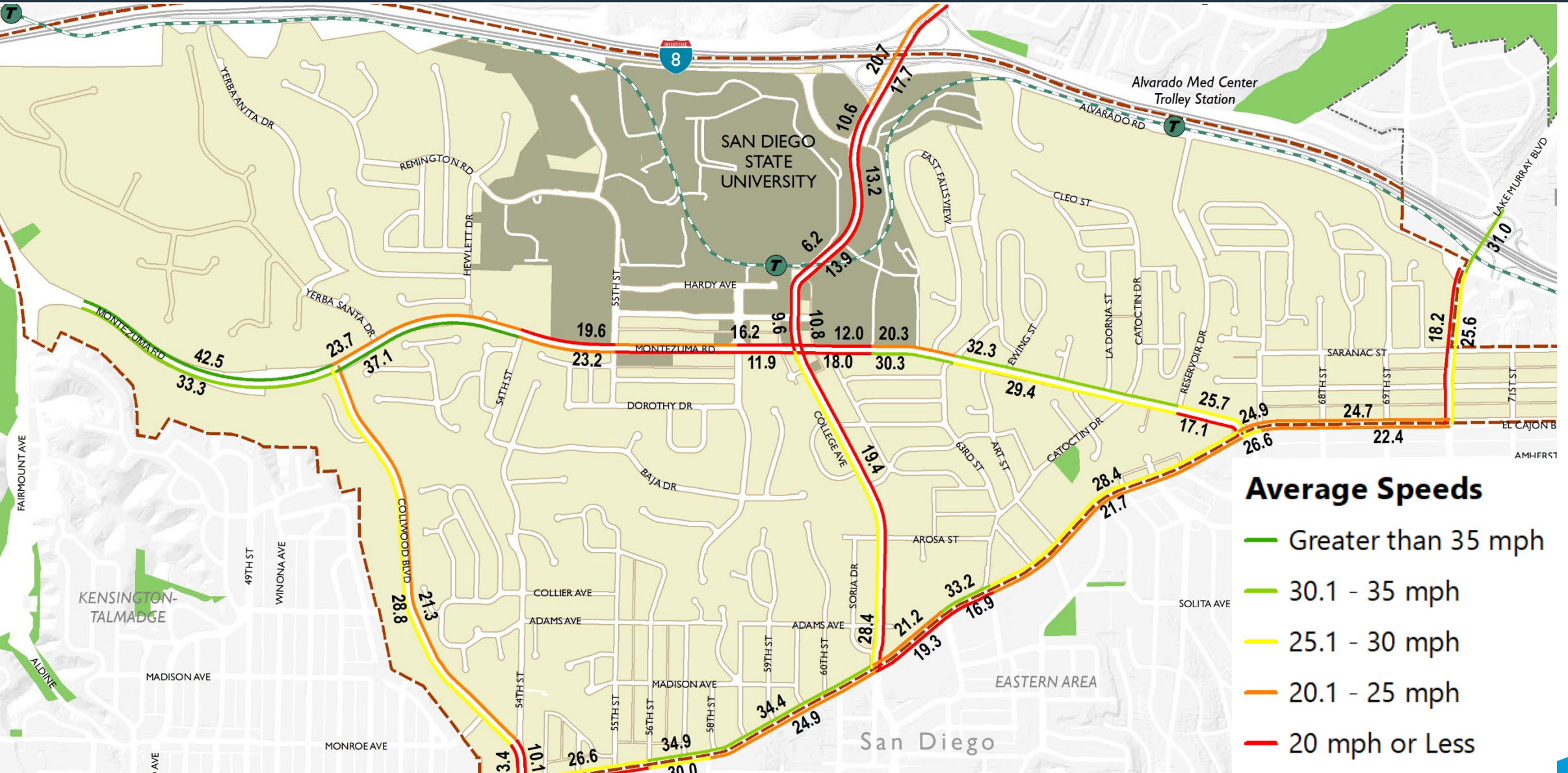




Existing Noon Peak (11AM – 1 PM) Travel Speeds



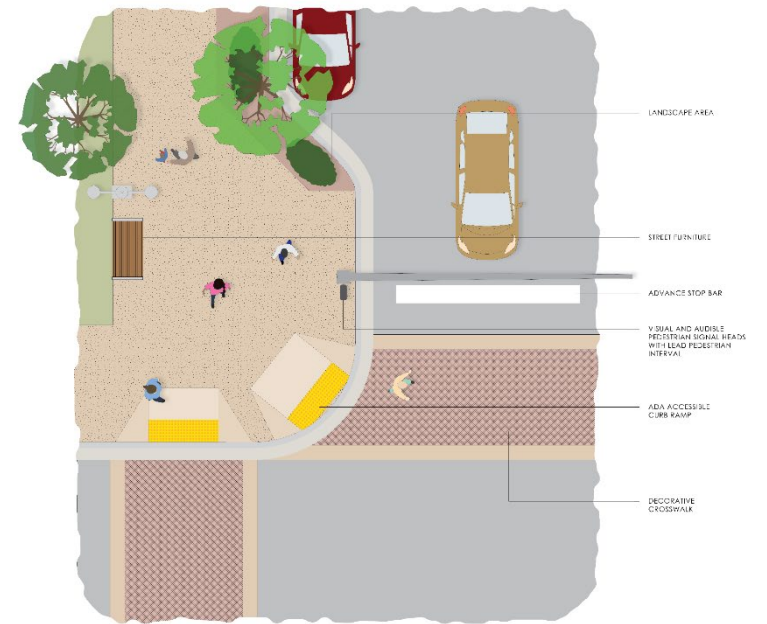
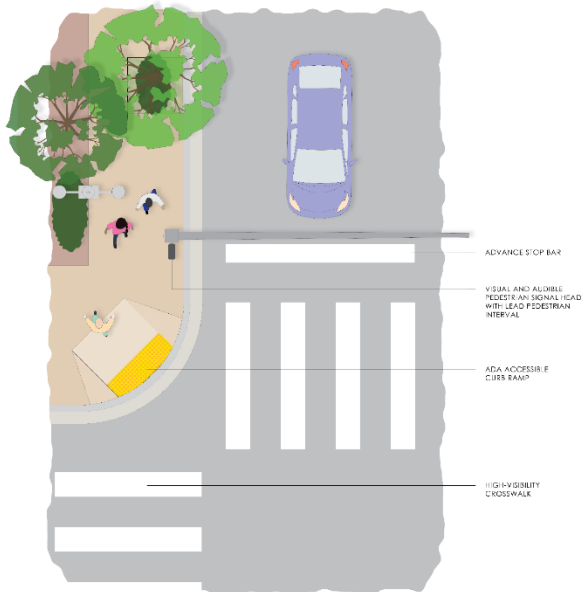
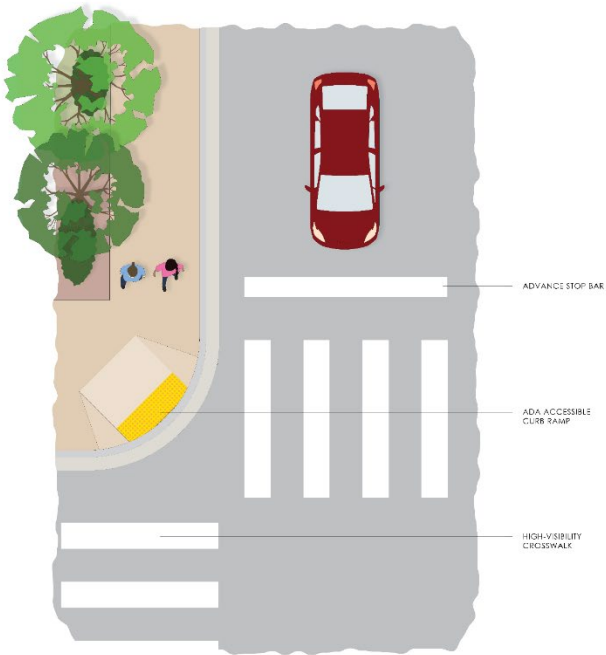
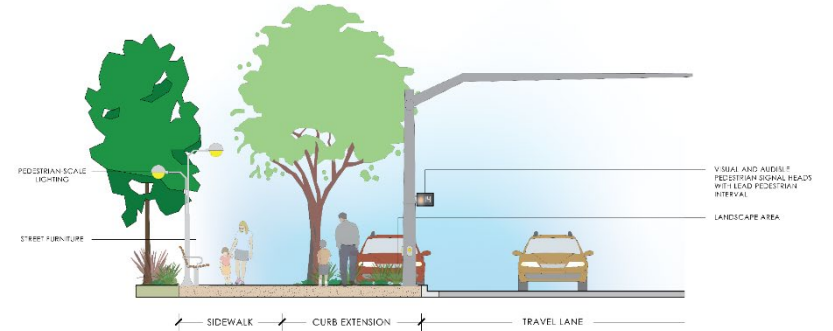
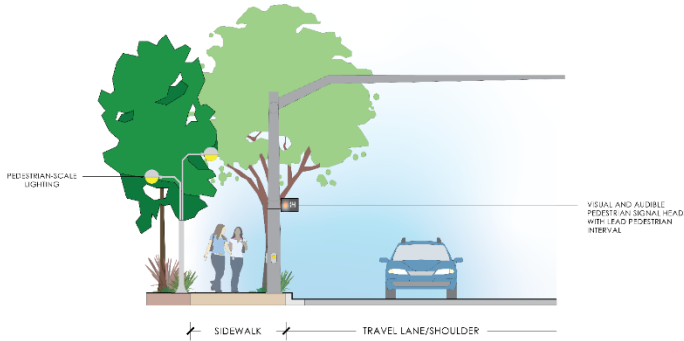
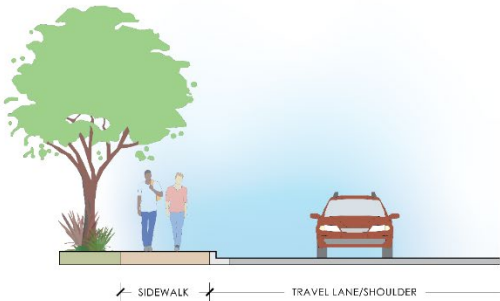
Existing PM Peak (4 PM – 6 PM) Travel Speeds





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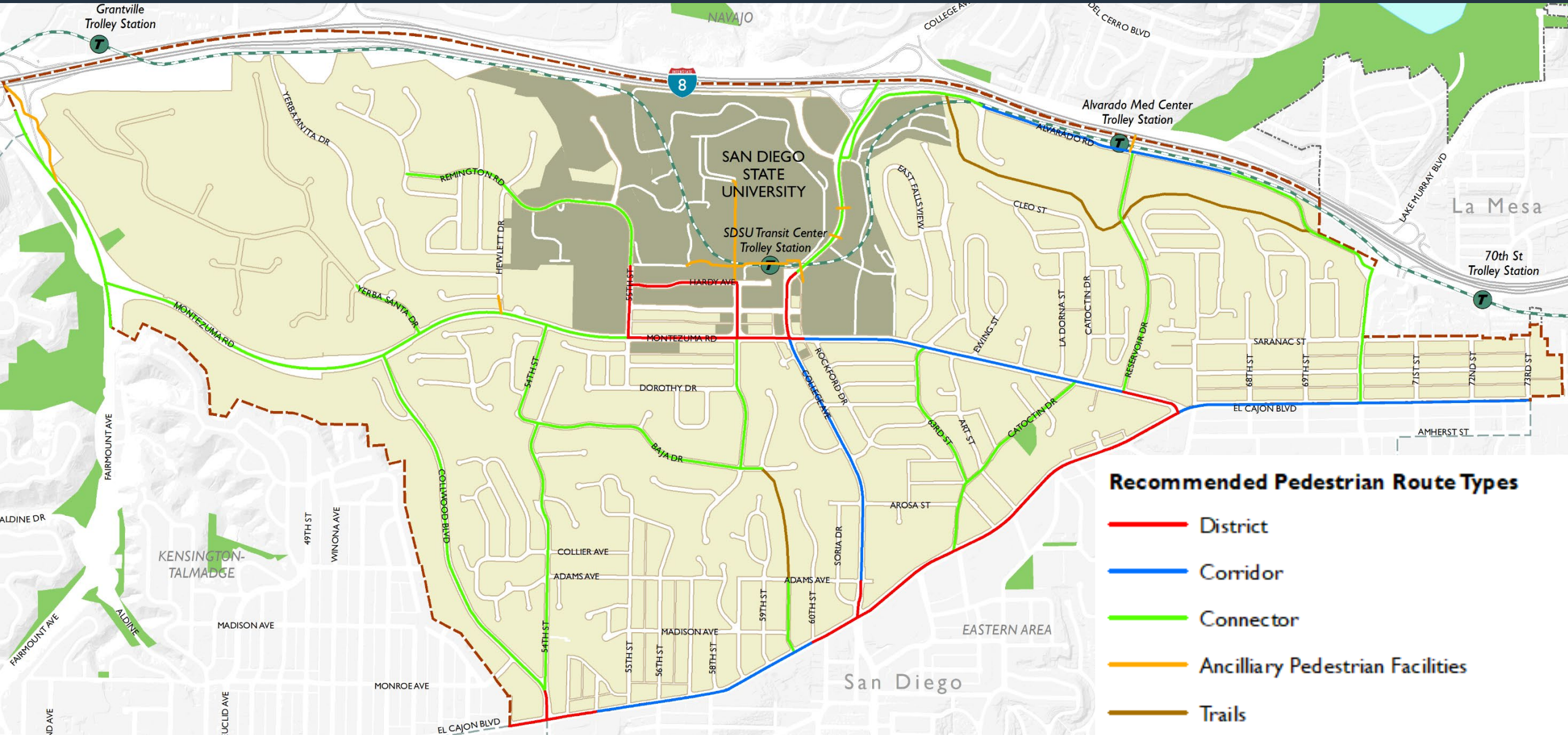




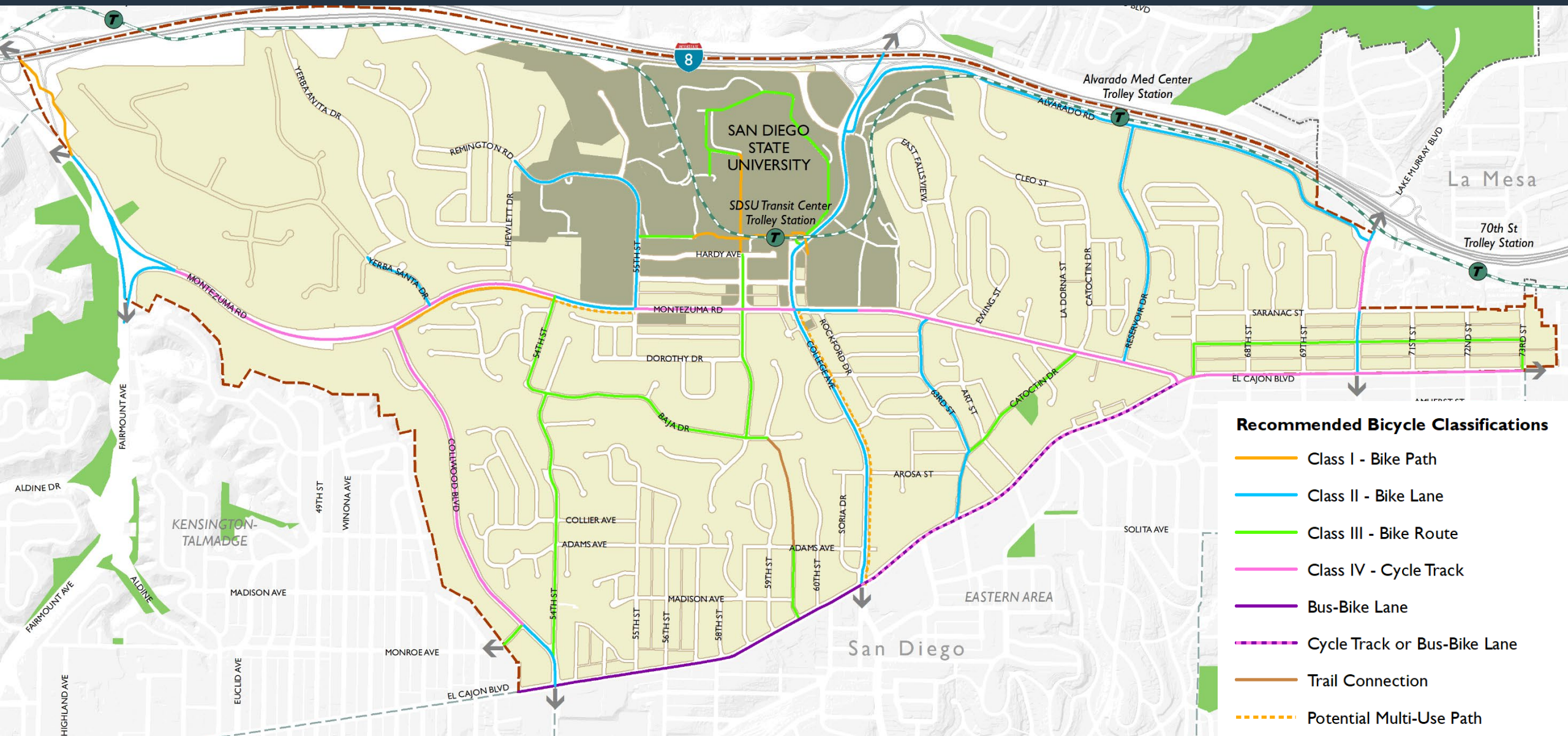
Connector

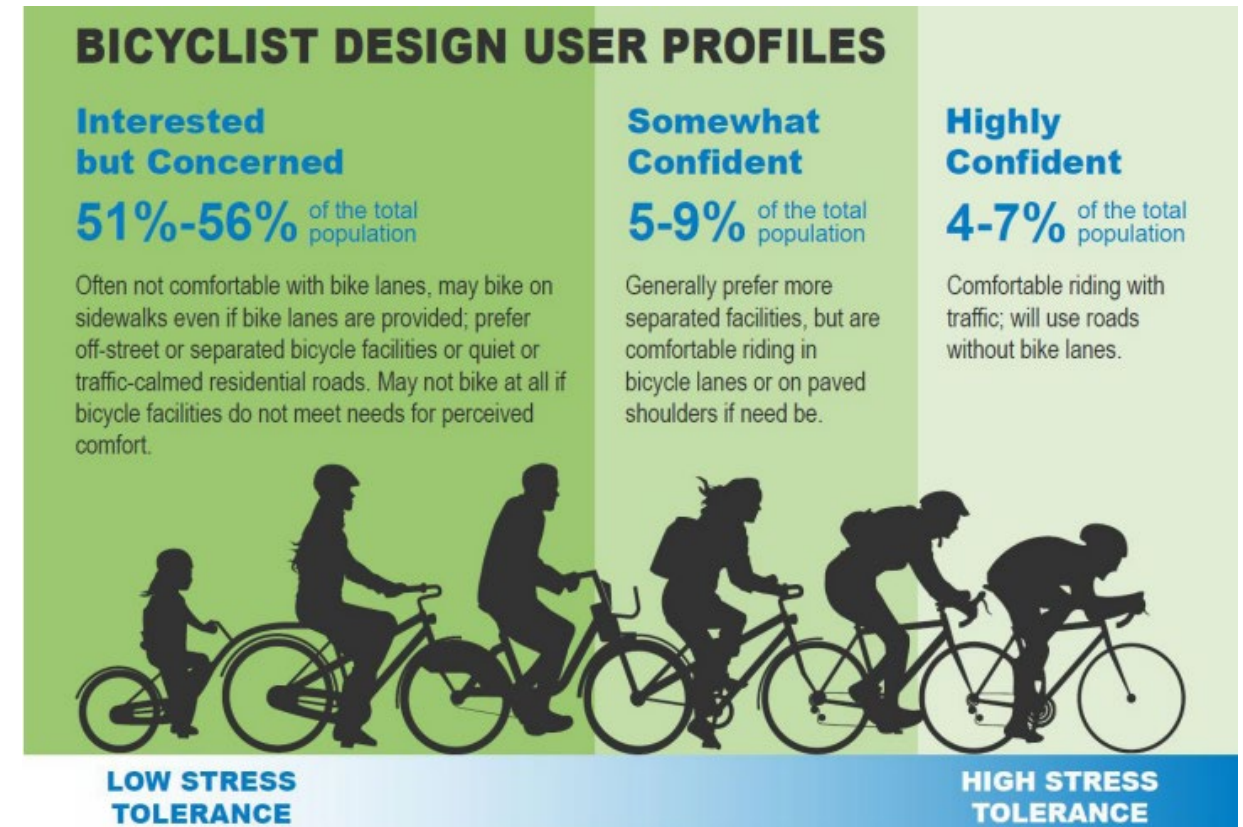
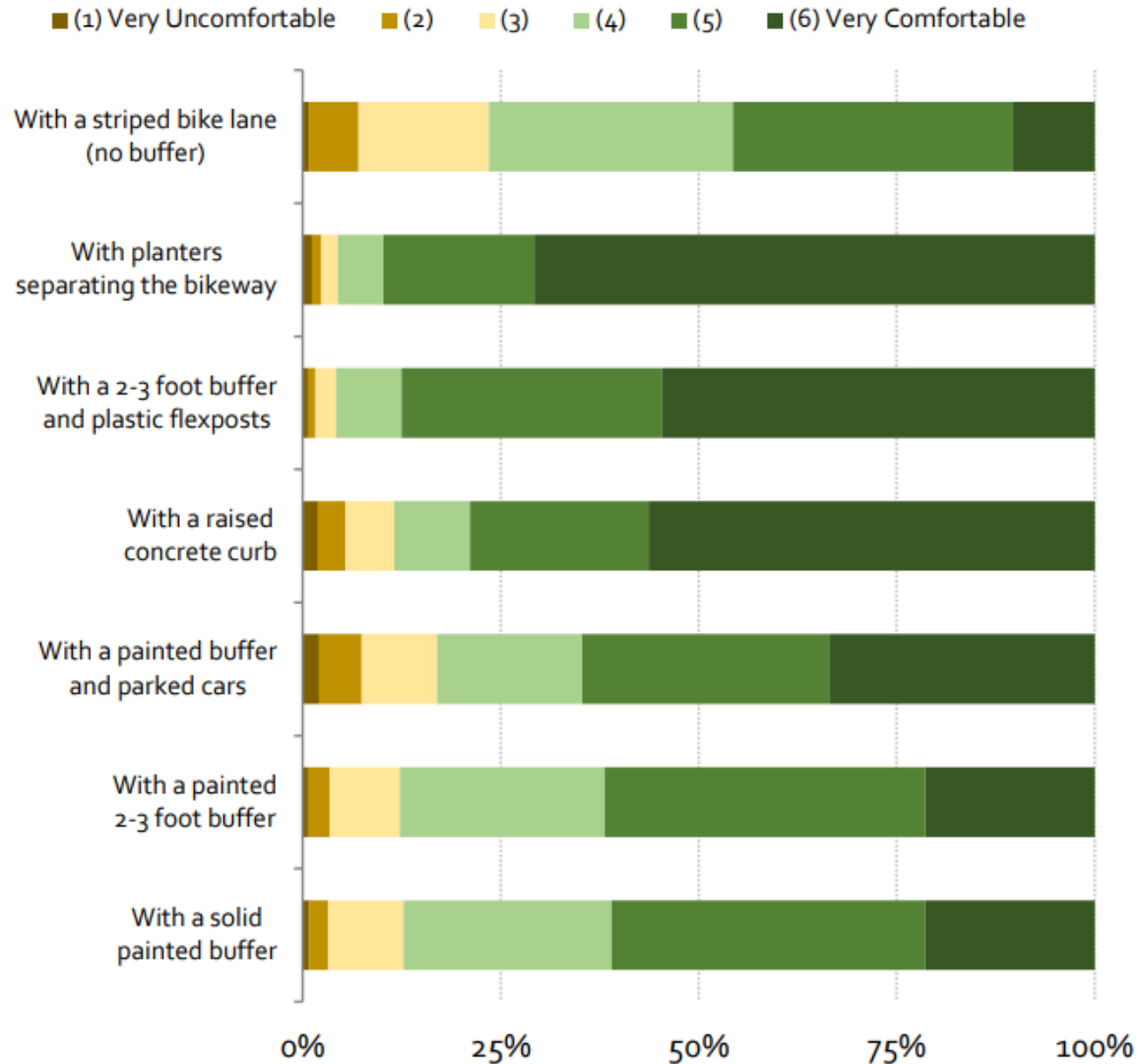
Corridor

District

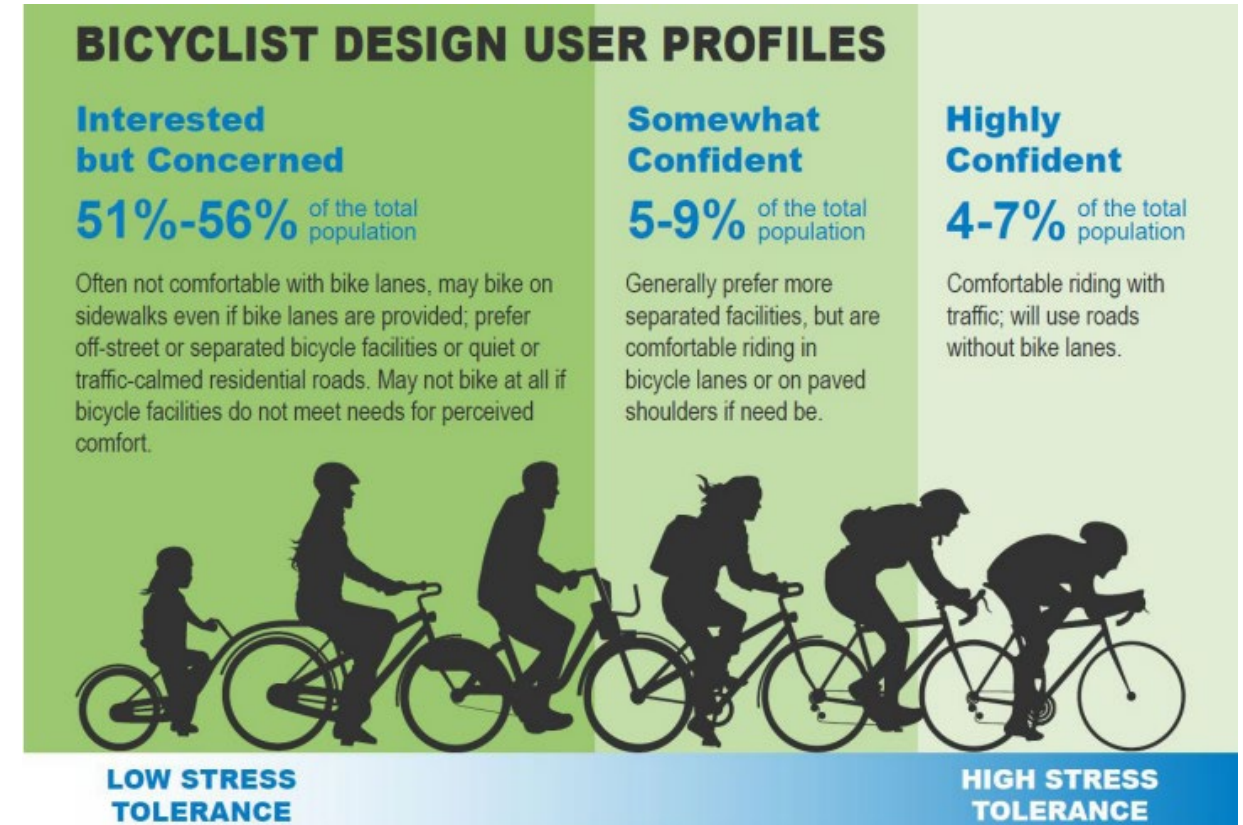
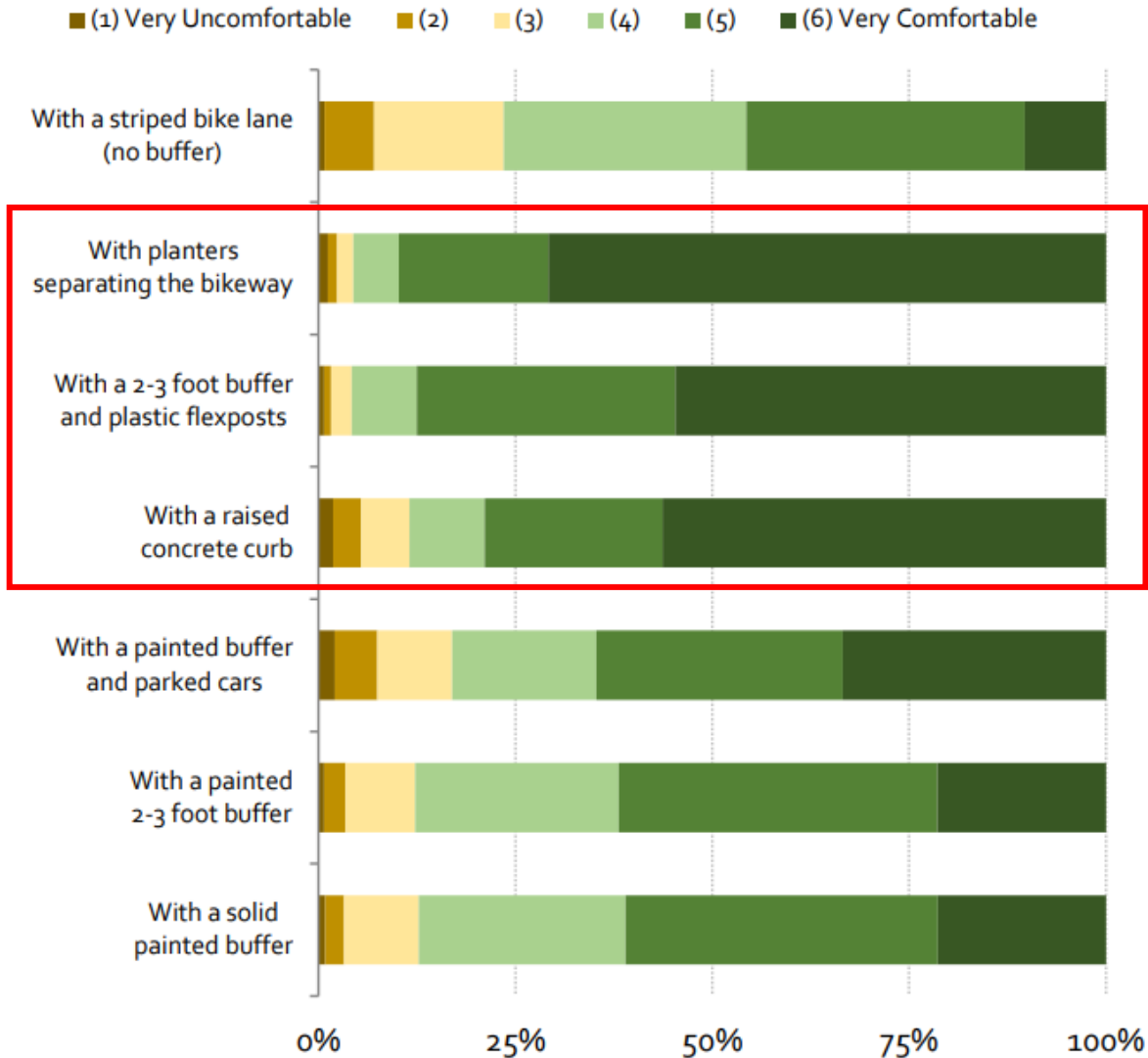


Recommended Bicycle Network



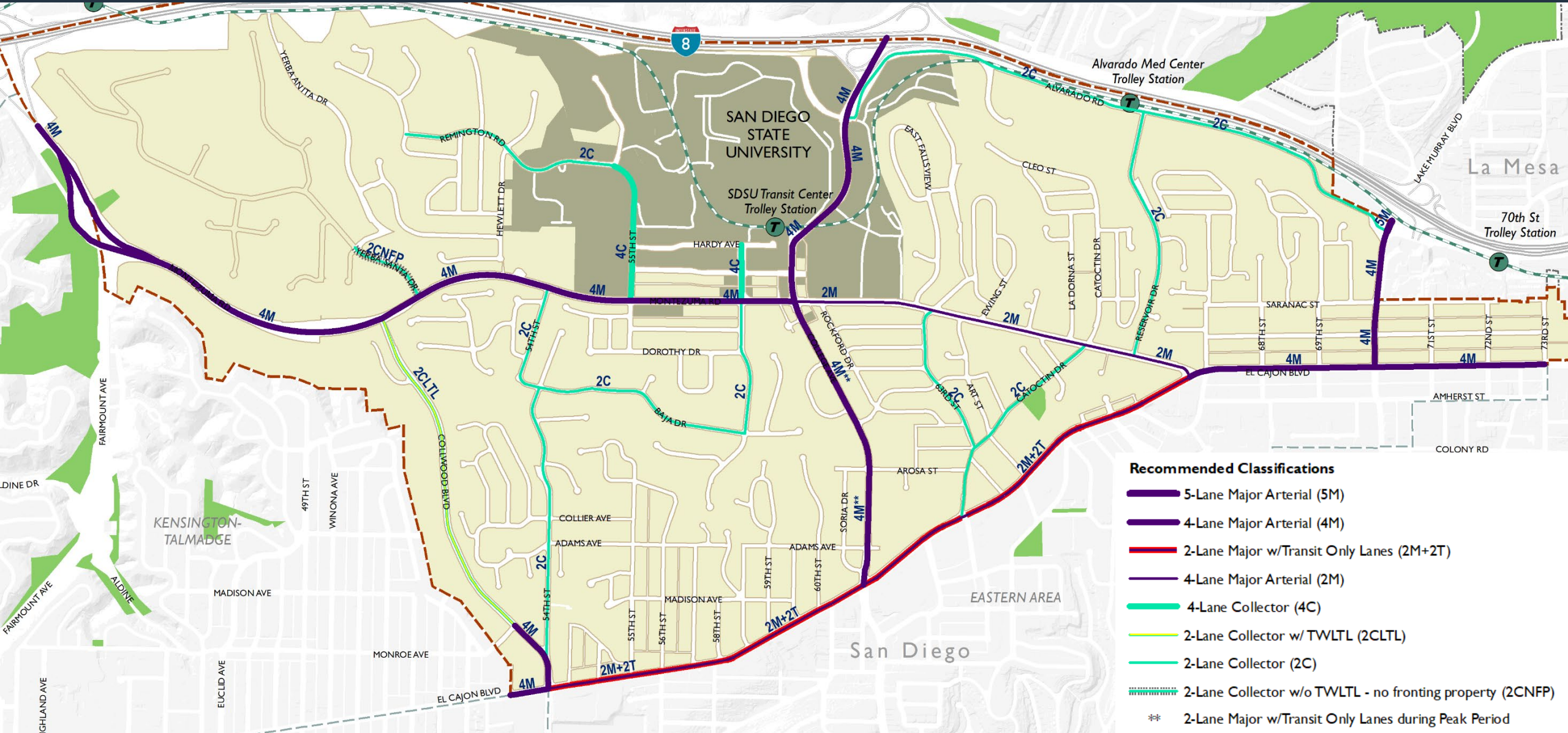


Source: National Institute for Transportation and Communities



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Add numbers to slides



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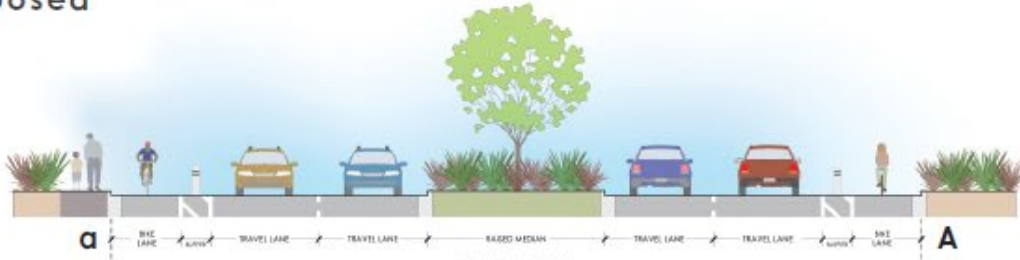
CORRIDOR LOCATION

LENGTH: 2.53 Miles



A. FAIRMOUNT AVE TO COLLWOOD BL

Proposed



Existing



Proposed Roadway Features:

- Two general purpose travel lanes in each direction
- One-way cycle tracks in each direction

LOCATION



Roadway Modifications:

- Proposed reconfiguration would require:
 - Narrowing of existing travel lanes
 - Adding physical separation between the travel lane and bikeway
 - Transit signal priority

B. COLLWOOD BL TO 55TH ST

Proposed



Existing



Proposed Roadway Features:

- Two general purpose travel lanes in each direction
- One-way cycle tracks in each direction

LOCATION

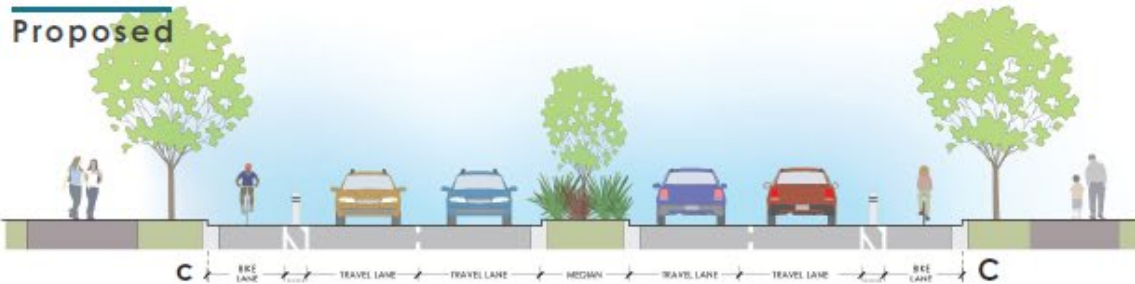


Roadway Modifications:

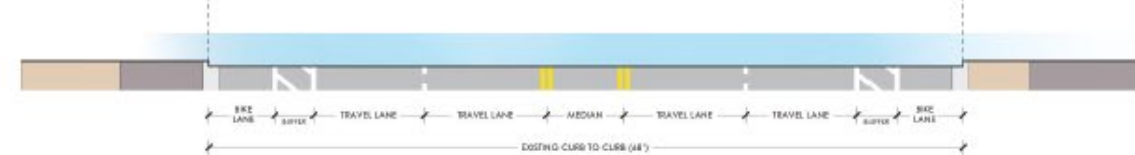
- Proposed reconfiguration would require:
 - Narrowing of existing travel lanes
 - Adding physical separation between the travel lane and bikeway
 - Transit signal priority

C. 55TH ST TO EAST CAMPUS DR

Proposed



Existing



D. EAST CAMPUS DR TO EL CAJON BL

Proposed



Existing



Proposed Roadway Features:

- Two general purpose travel lanes in each direction
- One-way cycle tracks in each direction

LOCATION



Roadway Modifications:

- Proposed reconfiguration would require:
 - Adjusting the widths of travel lanes and median
 - Adding physical separation between the travel lane and bikeway
 - Transit signal priority
- Corridor could also include potential expansion of right-of-way by 10' on each side of roadway through redevelopment, which could be dedicated to pedestrian amenities

Proposed Roadway Features:

- One general purpose travel lane in each direction
- Center left-turn lane/ Raised median
- One-way cycle tracks in each direction
- Additional space outside of the curb for potential linear park

LOCATION



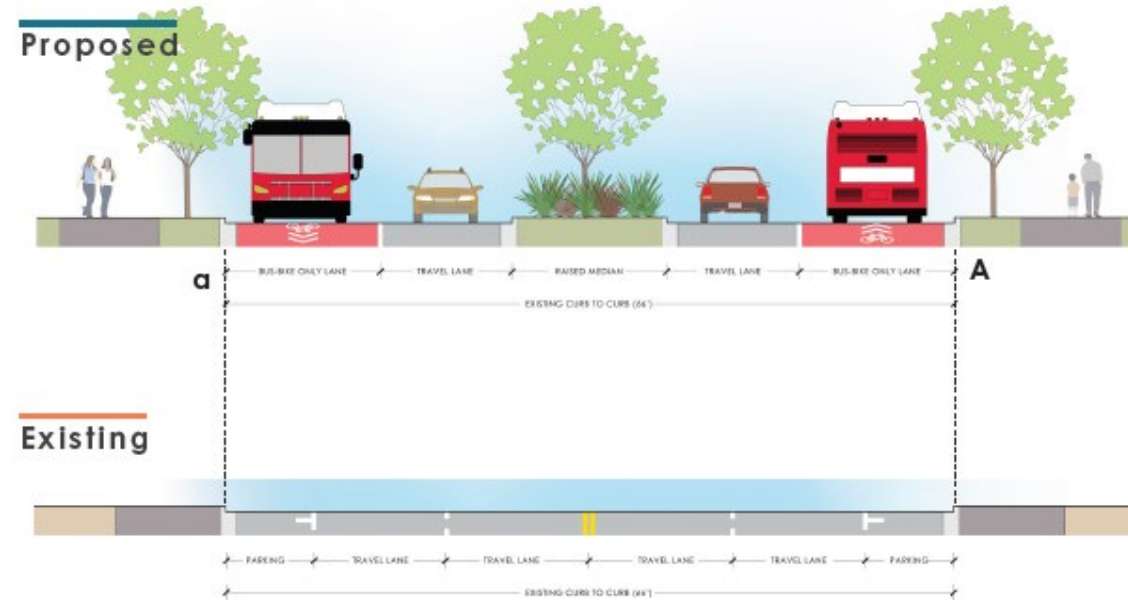
Roadway Modifications:

- Proposed reconfiguration would require:
 - Road diet from 4 lanes to 3 lanes
 - Removal of on-street parking
 - Adding physical separation between the travel lane and bikeway
 - Transit signal priority
 - Narrow curb to curb width to 56'
- Corridor could also include potential expansion of right-of-way by 10' on each side of roadway through redevelopment, which could be dedicated to pedestrian amenities





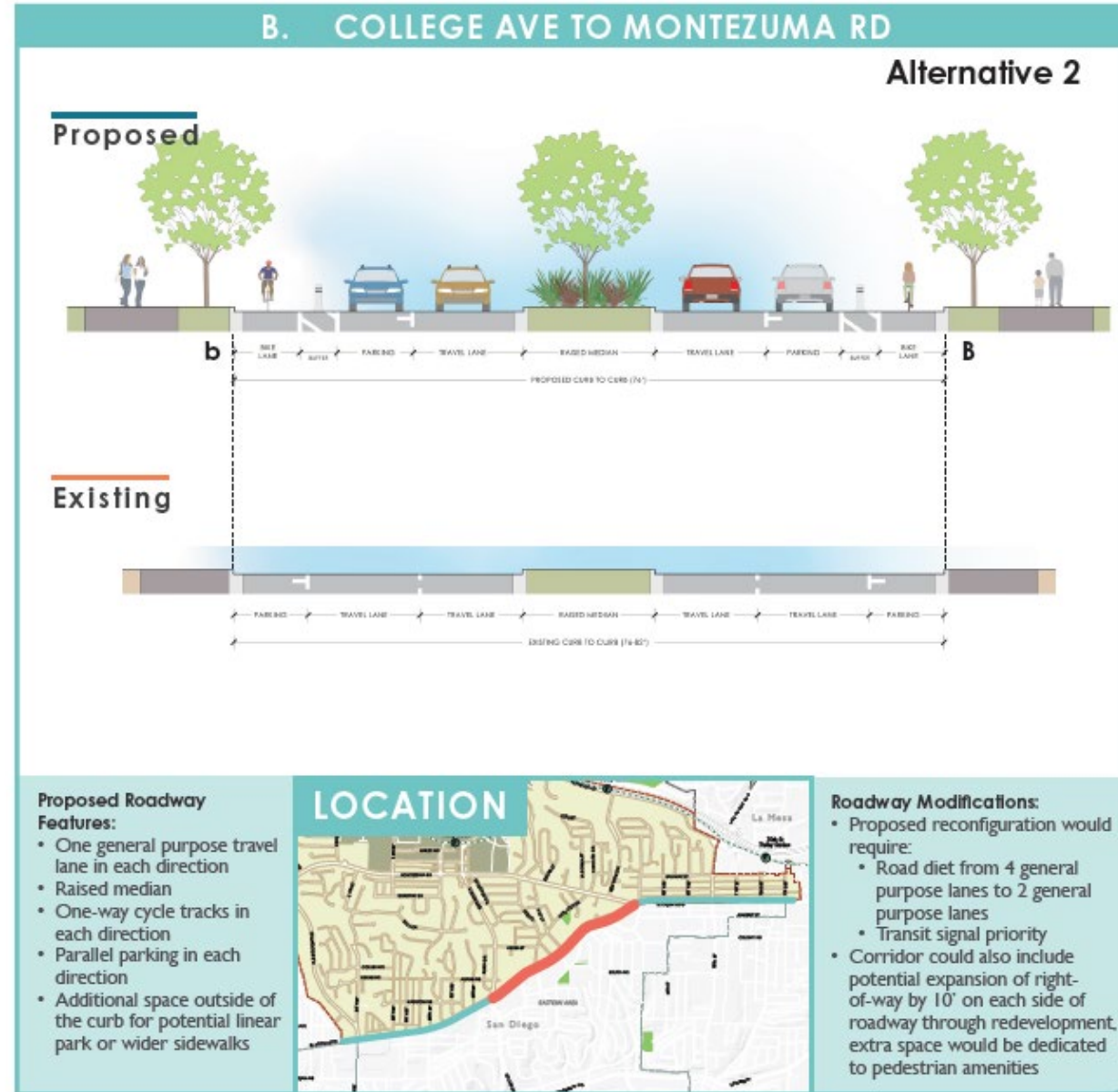
A. 54TH ST TO COLLEGE AVE

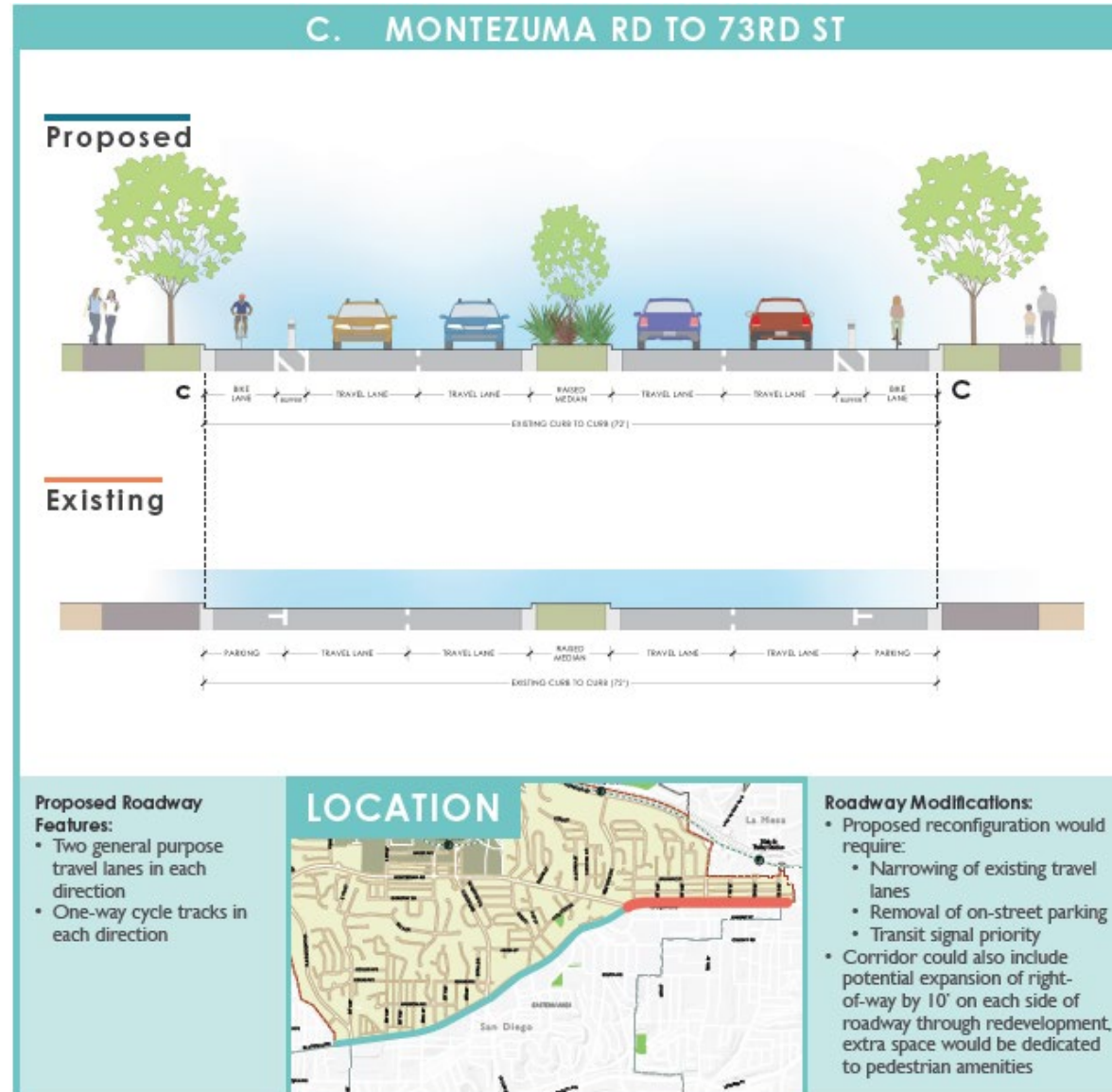
**Proposed Roadway Features:**

- One general purpose travel lane in each direction
- Raised median
- Bus-Bike Only lane in each direction

LOCATION**Roadway Modifications:**

- Proposed reconfiguration would require:
 - Road diet from 4 general purpose lanes to 2 general purpose lanes
 - Removal of on-street parking
 - Transit signal priority
- Corridor could also include potential expansion of right-of-way by 10' on each side of roadway through redevelopment, extra space would be dedicated to pedestrian amenities



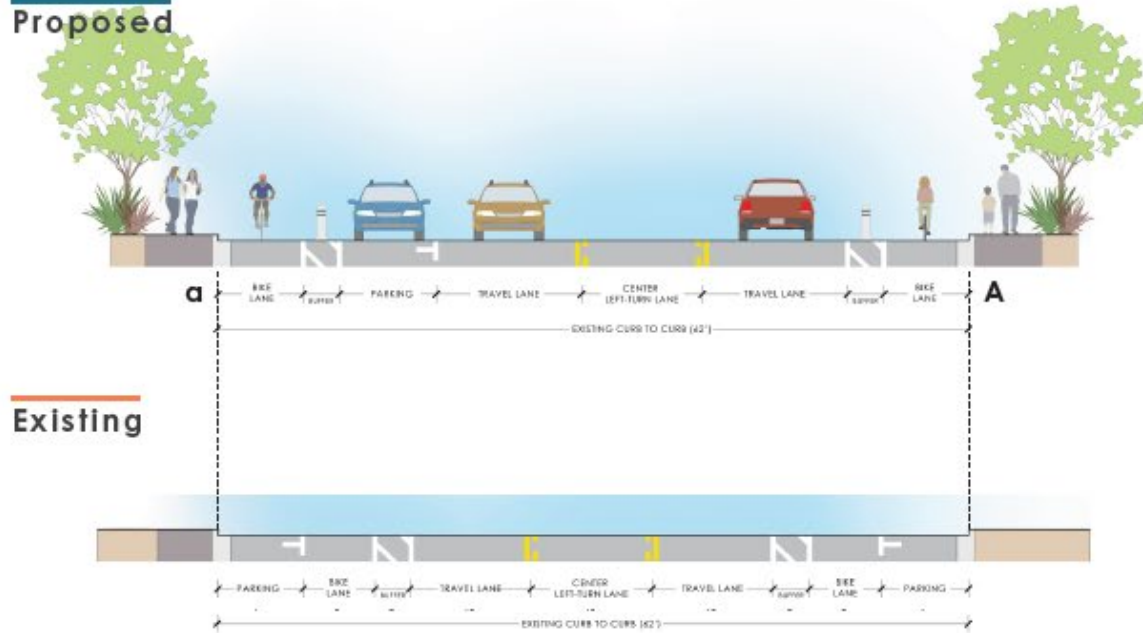






A. MONTEZUMA RD TO MONROE AVE

Proposed



Proposed Roadway Features:

- One general purpose travel lanes in each direction, with two-way center left-turn lane
- One-way cycle tracks in each direction
- Parallel parking on west side

LOCATION

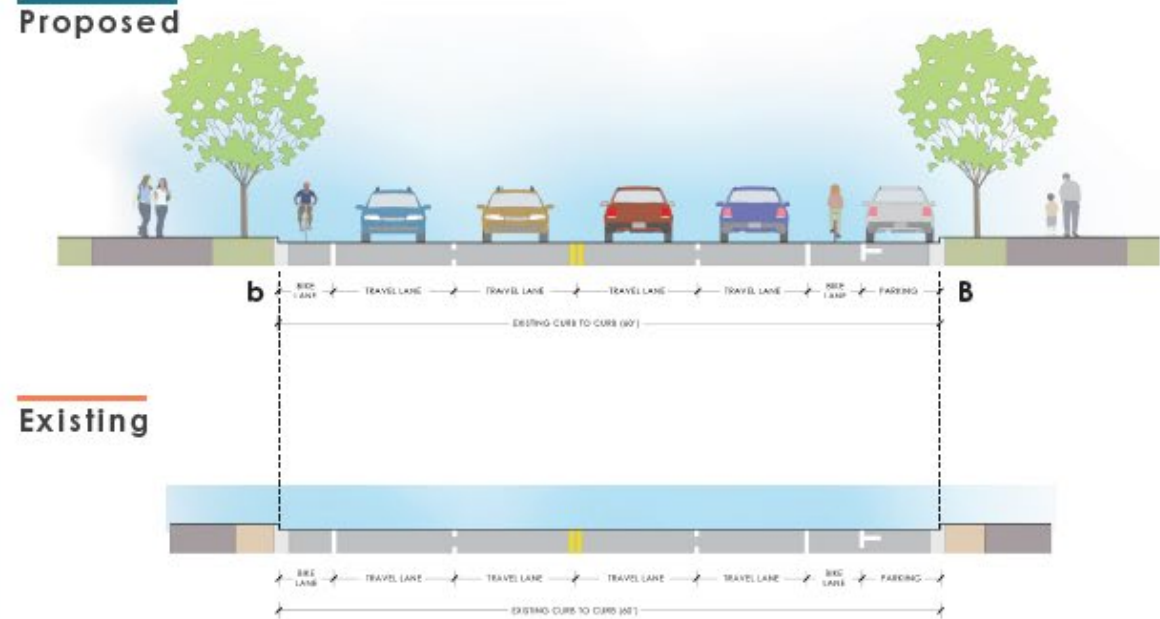


Roadway Modifications:

- Proposed reconfiguration would require:
 - Removal of on-street parking on east side of roadway
 - Construction of sidewalk on east side, where feasible
 - Crossings with Rectangular Rapid Flashing Beacons (RRFB) or Hawk Beacon signals at locations next to bus stops

B. MONROE AVE TO EL CAJON BL

Proposed



Proposed Roadway Features:

- Two general purpose travel lanes in each direction (delete part about center left turn lane)
- Bike lanes in each direction (no cycle tracks here)
- Bike boxes at Collwood Rd northbound at Monroe Ave, and at 54th St southbound at El Cajon Bl

LOCATION



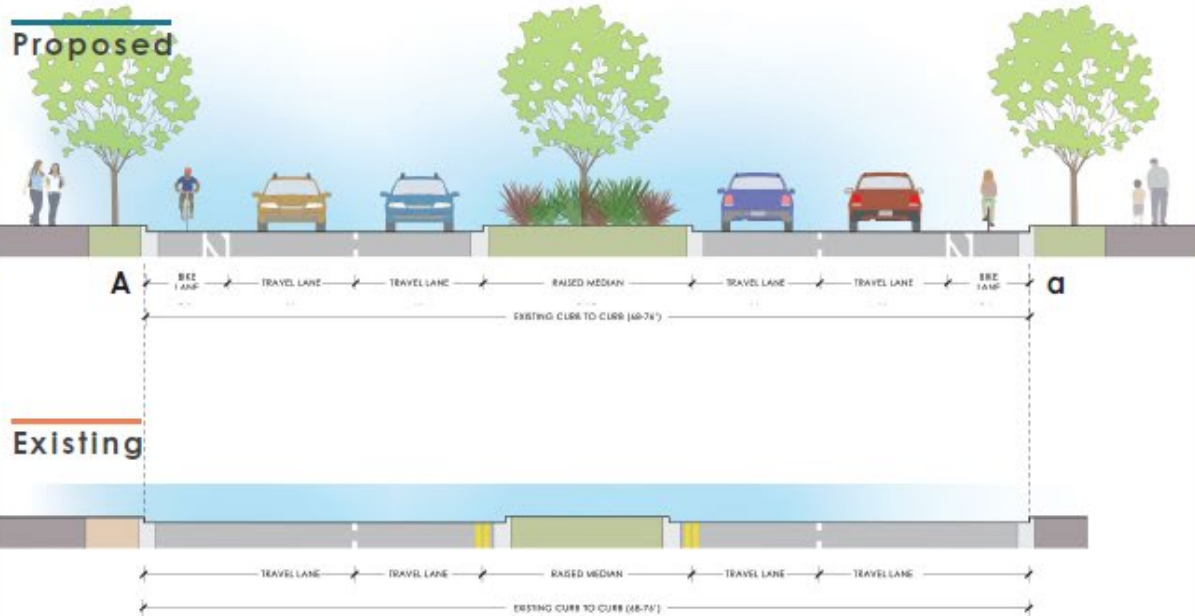
Roadway Modifications:

- Corridor could also include potential expansion of right-of-way by 10' on each side of roadway through redevelopment, extra space would be dedicated to pedestrian amenities





A. ALVARADO RD TO MONTEZUMA RD



- Proposed Roadway Features:**
- Two general purpose travel lanes in each direction
 - One buffered bike lane in each direction

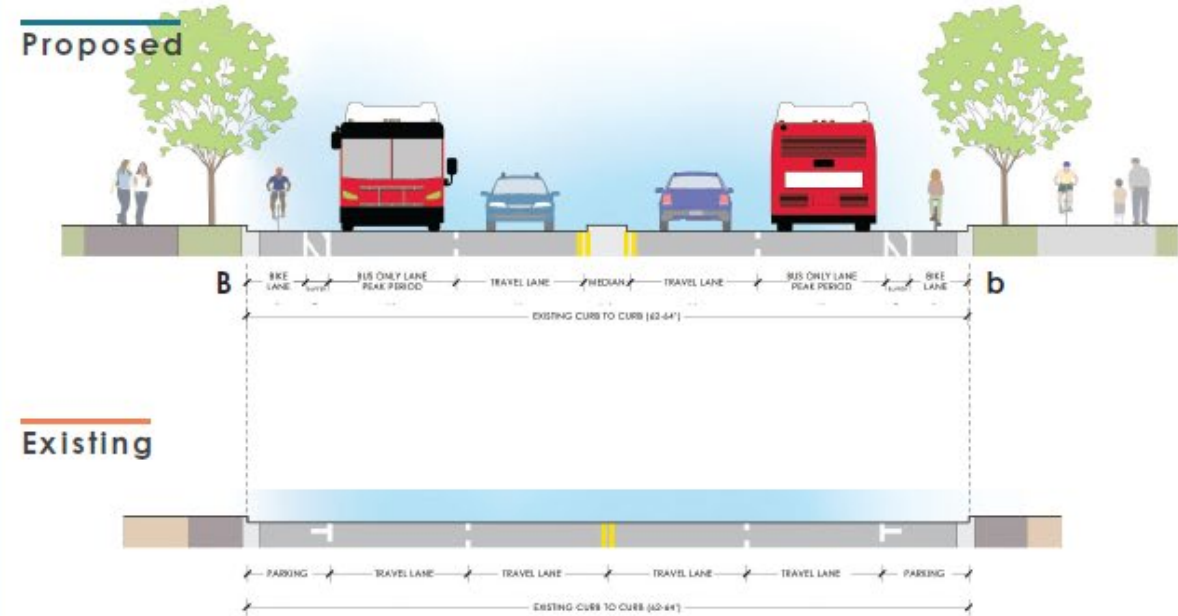
LOCATION



Roadway Modifications:

- Proposed reconfiguration would require:
 - Narrowing of existing travel lanes
 - Transit signal priority
- Corridor could also include potential expansion of right-of-way by 10' on east side of roadway through redevelopment which could be dedicated to pedestrian amenities

B. MONTEZUMA RD TO EL CAJON BL



Proposed Roadway Features:

- Two general purpose travel lanes in each direction
- One buffered bike lane in each direction
- Potential multi-use path

LOCATION



Roadway Modifications:

- Proposed reconfiguration would require:
 - Narrowing existing travel lanes
 - Removal of on-street parking
 - Transit signal priority
- Corridor could also include potential expansion of right-of-way by 10' on each side of roadway through redevelopment which could be dedicated to pedestrian amenities



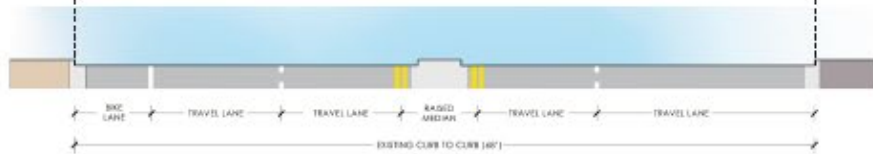


A. ALVARADO RD TO SARANAC ST

Proposed



Existing



- Proposed Roadway Features:**
- Two general purpose travel lanes in each direction
 - One-way cycle tracks in each direction

LOCATION



Roadway Modifications:

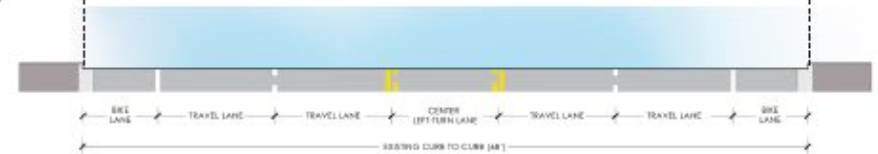
- Proposed reconfiguration would require:
 - Narrowing of existing travel lanes and median
 - Adding a northbound bike lane
 - Adding physical separation between the travel lane and bikeway
 - Construction of sidewalk on west side

B. SARANAC ST TO EL CAJON BL

Proposed



Existing



- Proposed Roadway Features:**
- Two general purpose travel lanes in each direction
 - One buffered bike lane in each direction

LOCATION

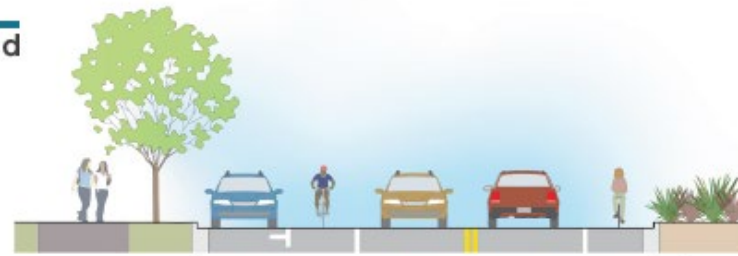
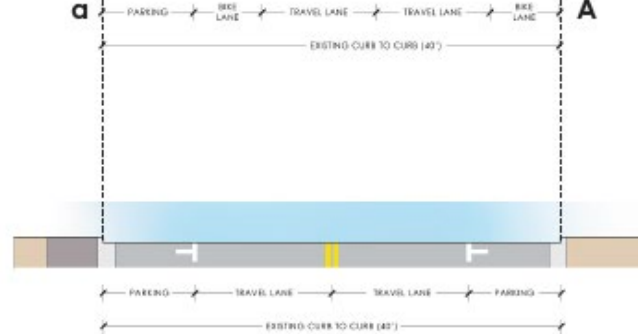


Roadway Modifications:

- Proposed reconfiguration would require:
 - Stripping a buffer between the bike lanes and outside travel lanes
- Corridor could also include potential expansion of right-of-way by 10' on each side of roadway through redevelopment, extra space would be dedicated to pedestrian amenities



A. RESERVOIR DR TO 70TH ST

Proposed**Existing****Proposed Roadway Features:**

- One general purpose travel lane in each direction
- One bike lane in each direction
- Parallel parking on south side

LOCATION**Roadway Modifications:**

- Proposed reconfiguration would require:
 - Removal of on-street parking on north side of roadway
- Corridor could also include potential expansion of right-of-way by 10' on each side of roadway through redevelopment, extra space would be dedicated to pedestrian amenities

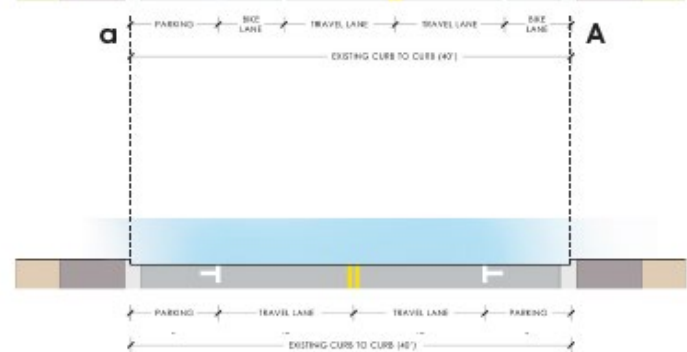


A. ALVARADO RD TO MONTEZUMA RD

Proposed



Existing



Proposed Roadway Features:

- One general purpose travel lane in each direction
- One bike lane in each direction
- Parallel parking on west side

LOCATION



Roadway Modifications:

- Proposed reconfiguration would require:
 - Removal of on-street parking on east side of roadway



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The background image shows a street scene under a clear blue sky. In the foreground on the right, there is a large, light-colored stone sign with a dark oval at the top containing the word 'COLLEGE' in white, and 'AREA' in smaller white letters below it. Below the oval, the words 'BUSINESS DISTRICT' are inscribed in dark letters. The sign is set on a sidewalk made of light-colored cobblestones. In the background, a street with cars and palm trees is visible. A semi-transparent white circle is overlaid on the left side of the image, containing the text 'Next Steps' and a bulleted list.

Next Steps

- Land Use + Urban Design + Mobility:
January 26
- Online Community Engagement
Summary: February 23
- Draft Plan Framework: March 2022



Thank you