

POST MEETING MATERIAL

Item 7A

RTC 24-1180



De La Cruz Boulevard, Lick Mill Boulevard, and Scott Boulevard Bicycle Improvements

BPAC Meeting

January 27th, 2025



Agenda

1. Project Team
2. Project Origin and Goals
3. Outreach Overview
4. De La Cruz Blvd
5. Lick Mill Blvd
6. Scott Boulevard
7. Next Steps





Project Team

- City of Santa Clara Staff
 - Ralph Garcia, Project Manager
 - Steve Chan, Transportation Manager
 - Mike Liw, Assistant Public Works Director
 - Nicole He, Associate Engineer
- Kimley-Horn
 - Adam Dankberg
 - Zachary Esquivel
- Circlepoint
 - Regina Merrill

Project Origin and Goals



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The Center of What's Possible



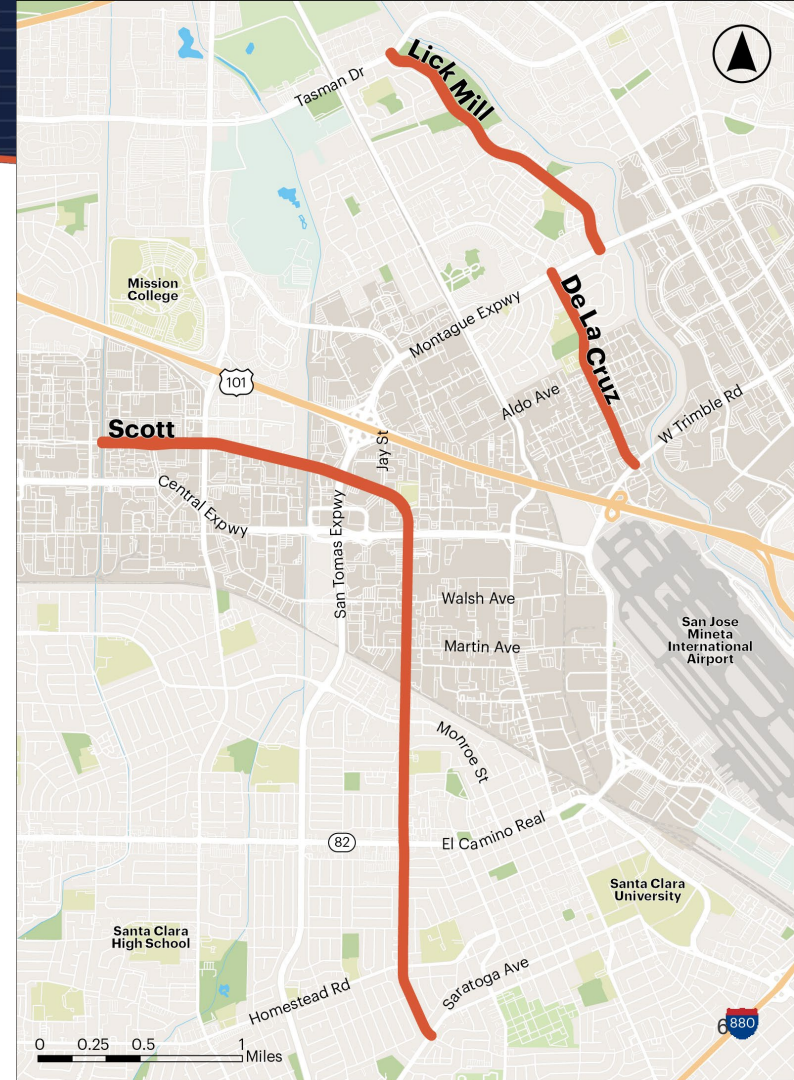
Project Origin

- In 2022, the City was allocated \$2,725,000 from the Federal Community Project Funding/Congressionally Directed Spending program “Federal Earmarks” for the:

De La Cruz, Lick Mill, Scott Boulevards Bicycle Improvements Project
- Total Budget: \$3,079,000 (\$2,725,000 – Fed Earmarks; \$354,000 – local funds) includes study, design and construction
- Expenditure Deadline: 9/30/2030; Obligation Deadline: 9/30/2025

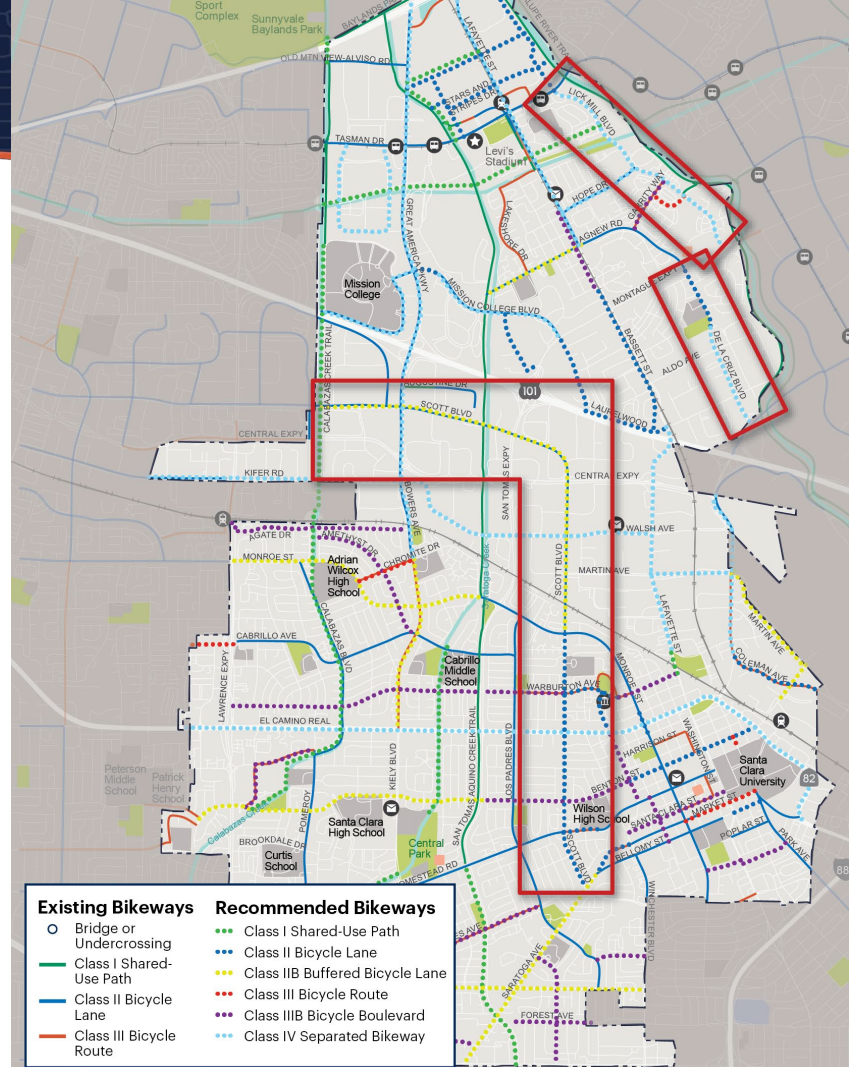
Project Goals

- Install bikeway facilities on De La Cruz Blvd, Lick Mill Blvd, and Scott Blvd per 2018 Bike Plan Update
- Improve safety
- Close gaps in and/expand the City's bike network



Bike Plan Recommendations

- De La Cruz Blvd
 - Class II Bike Lane N of Montague Park
 - Class IV Separated Bikeway S of Park
- Lick Mill Blvd
 - Class IV Separated Bikeway
- Scott Blvd
 - Class IIB Buffered Bike Lane N of Monroe
 - Class II Bike Lane S of Monroe





Plan Process

- Phase 1: Data Collection and Develop Alternatives
 - **COMPLETED – Community Meeting Round 1**
- Phase 2: Evaluate Alternatives
 - **COMPLETED – Community Meeting Round 2 (Dec 10th and 11th)**
- Phase 3: Select Preferred Alternative
 - **CURRENT PHASE – Bicycle and Pedestrian Advisory Committee (BPAC) Meeting in January**
 - **City Council Meeting in February**
- Phase 4: Perform Environmental Clearance and Prepare Final design



Evaluation Approach


- Collision analysis to identify safety challenges
- Parking analysis to assess existing utilization, parked cars that would be displaced, and where they could relocate to
 - Parking counts collected Tuesday - Thursday & Saturday in September 2024
 - Data collected 7AM – 7PM and 11PM – 2AM
- Traffic analysis to assess congestion with any lane reductions
 - Traffic counts collected weekdays in April and May of 2024

Outreach Overview



Agenda

- 1. Project Purpose and Process
- 2. Calibration Analysis
- 3. Dr. Lu Cruz Ph.D.
- 4. Look-Meet-11/14
- 5. Next Steps
- 6. Question and Answer Session



City of Santa Clara



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Outreach Activities

- 2 Pop-up events
- 3 Community meetings
- Community feedback through Project email and voicemail
 - 27 Emails and 2 Voicemails
- Online survey





Online Survey

- Respondents voted on a preferred alternative by segment along the project corridors

Corridor	Number of Respondents
De La Cruz Blvd	140
Lick Mill Blvd	180
Scott Blvd	231



De La Cruz Blvd Proposed Alternatives



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Legend

- No Parking Segment
- On-Street Parking Segment
- Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class IIB Bike Lane
- Class IV Bike Lane (separated)
- Class IV Bike Lane (parking-protected)



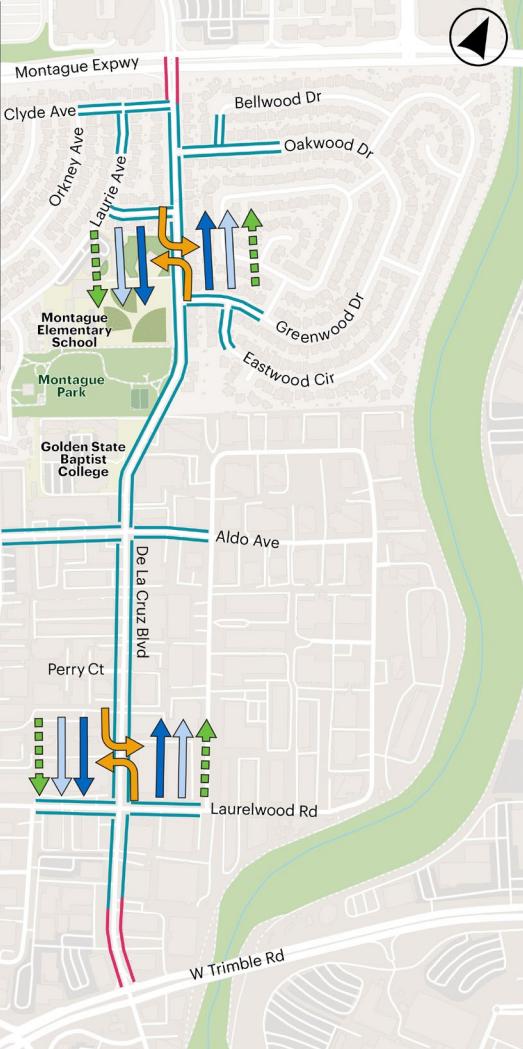
De La Cruz: Existing/No Build

On-Street Parking	Posted Speed Limit (mph)	85 th Percentile Speed (mph)	Existing Bike Facilities	Number of Lanes
Both Sides of the Street	35	41	None	4



Legend

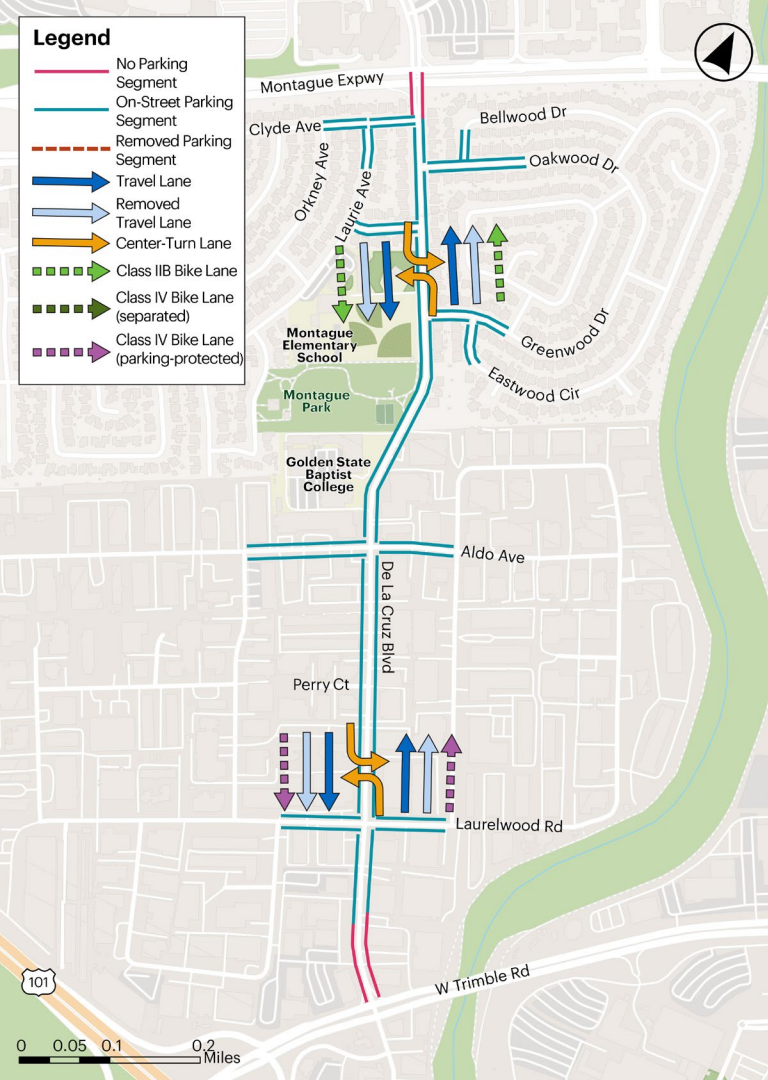
- No Parking Segment
- On-Street Parking Segment
- Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class IIB Bike Lane
- Class IV Bike Lane (separated)
- Class IV Bike Lane (parking-protected)



De La Cruz: Concept A

Two Lanes, Buffered Bike Lanes, Center Turn Lane, Parking on Both Sides

- Remove travel lanes in each direction
- Add Class IIB buffered bike lanes
- Add center turn lane
- Retain on-street parking












De La Cruz: Concept B

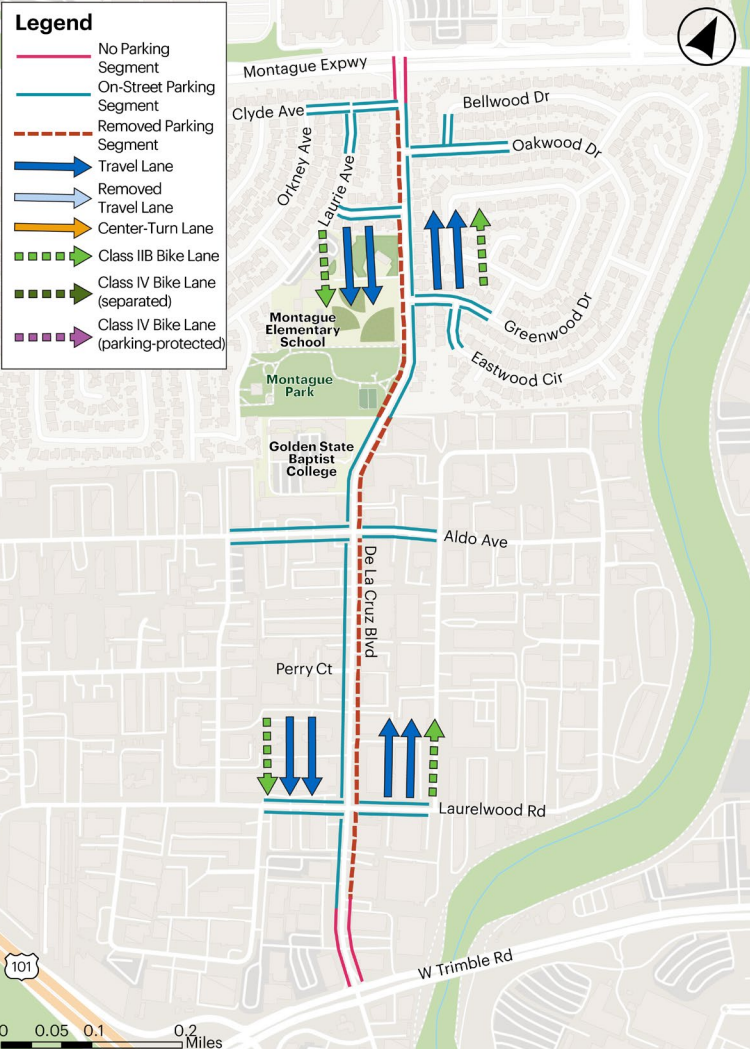
Two Lanes, Buffered and Parking Protected Bike Lanes, Center Turn Lane, Parking on Both Sides

- Remove travel lanes in each direction
- Add Class IIB buffered bike lanes with on-street parking north of Montague Park
- Add Class IV parking-protected bike lanes south of Montague Park
- Add center turn lane



Legend

-  No Parking Segment
-  On-Street Parking Segment
-  Removed Parking Segment
-  Travel Lane
-  Removed Travel Lane
-  Center-Turn Lane
-  Class IIB Bike Lane
-  Class IV Bike Lane (separated)
-  Class IV Bike Lane (parking-protected)












De La Cruz: Concept C

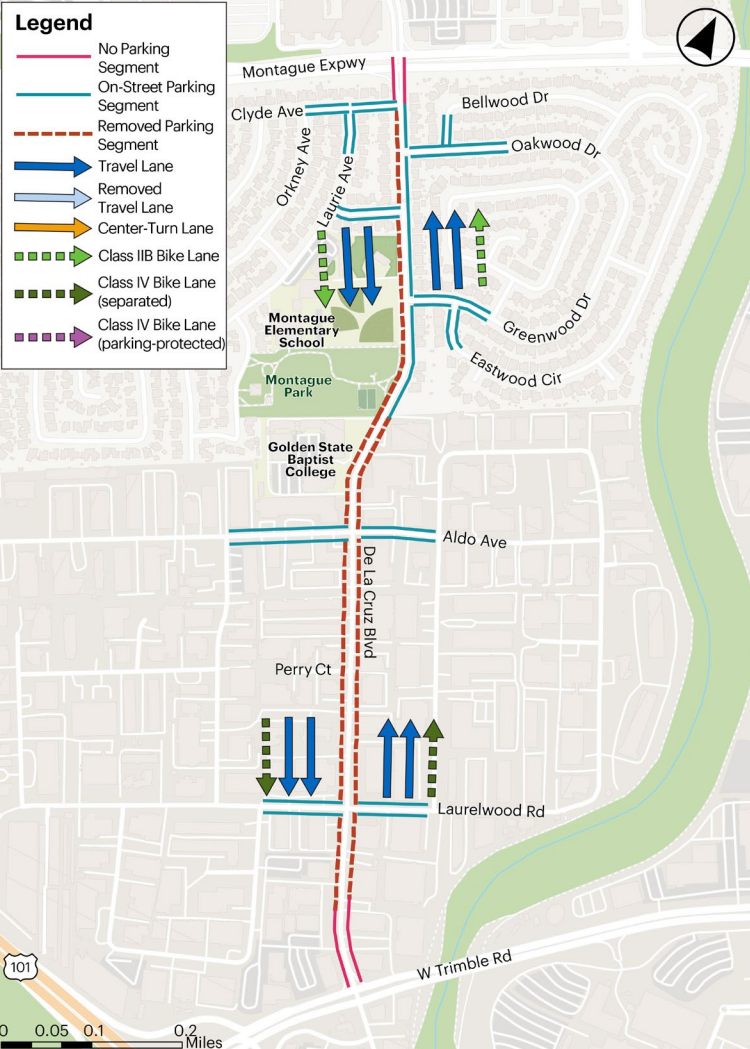
Four Lanes, Buffered Bike Lanes, Remove Parking On One Side

- Remove parking lane on west side, north of Montague Park
- Remove parking lane on east side, south of Montague Park
- Add Class IIB buffered bike lanes



Legend

-  No Parking Segment
-  On-Street Parking Segment
-  Removed Parking Segment
-  Travel Lane
-  Removed Travel Lane
-  Center-Turn Lane
-  Class IIB Bike Lane
-  Class IV Bike Lane (separated)
-  Class IV Bike Lane (parking-protected)



De La Cruz: Concept D

Four Lanes, Buffered and Protected/Buffered Bikeways, Remove Parking

- Remove parking lane on southbound side of the street north of Montague Park
- Add Class IIB buffered bike lanes north of Montague Park
- Remove parking lane on both sides of the street south of Montague Park
- Add Class IV separated bike lanes south of Montague Park



De La Cruz Alternatives

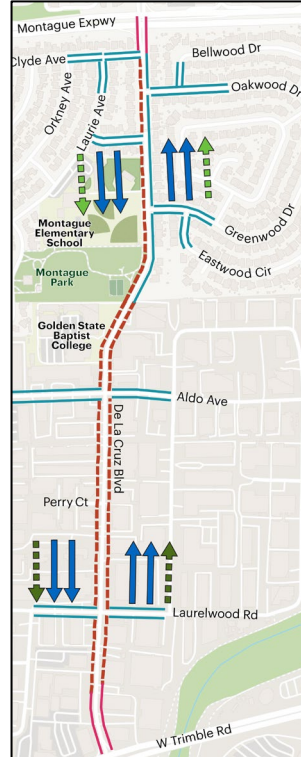
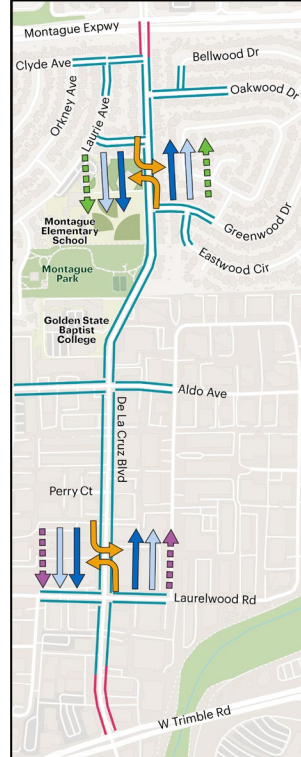
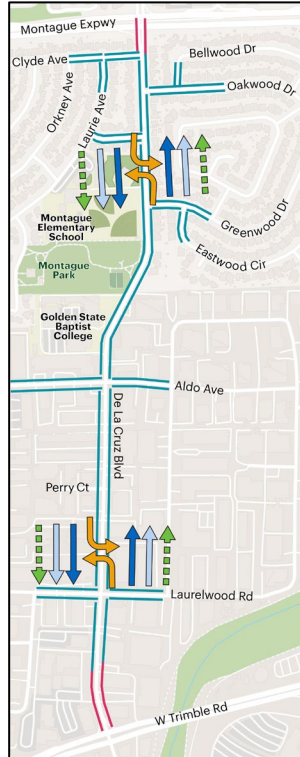
No Build

Concept A

Concept B

Concept C

Concept D



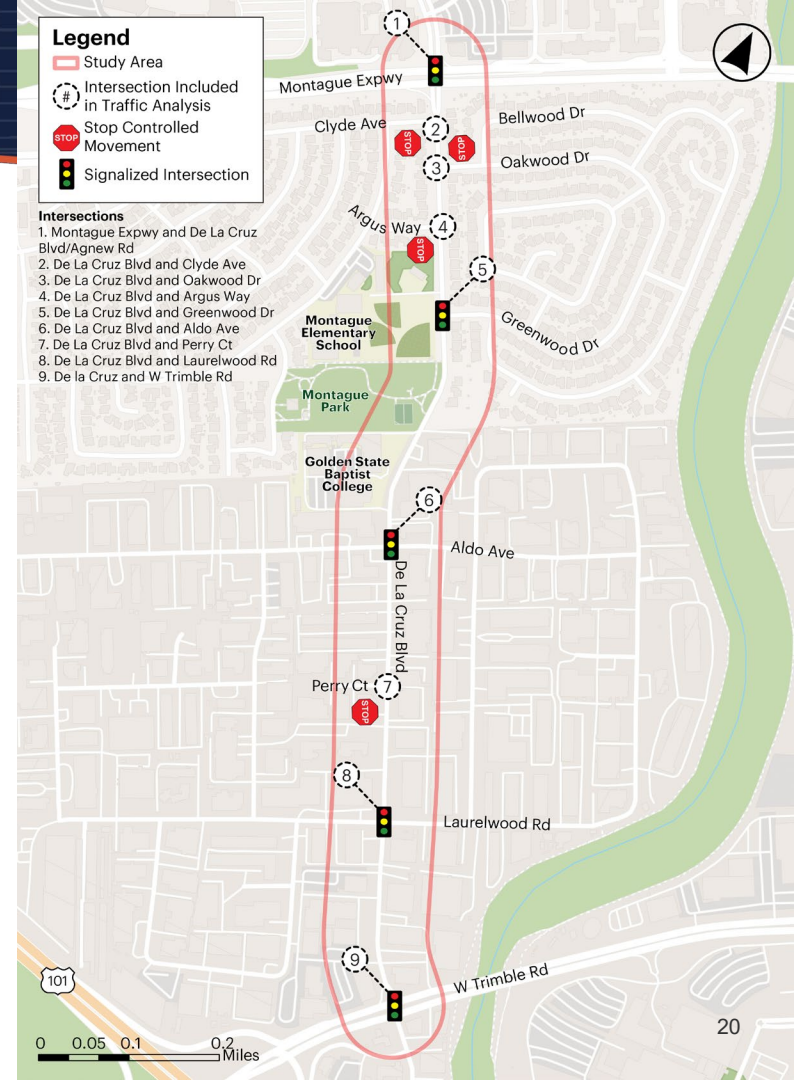
Legend

- No Parking Segment
- On-Street Parking Segment
- Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class IIB Bike Lane
- Class IV Bike Lane (separated)
- Class IV Bike Lane (parking-protected)

Traffic Analysis Findings

Concepts A & B w/ Lane Reduction

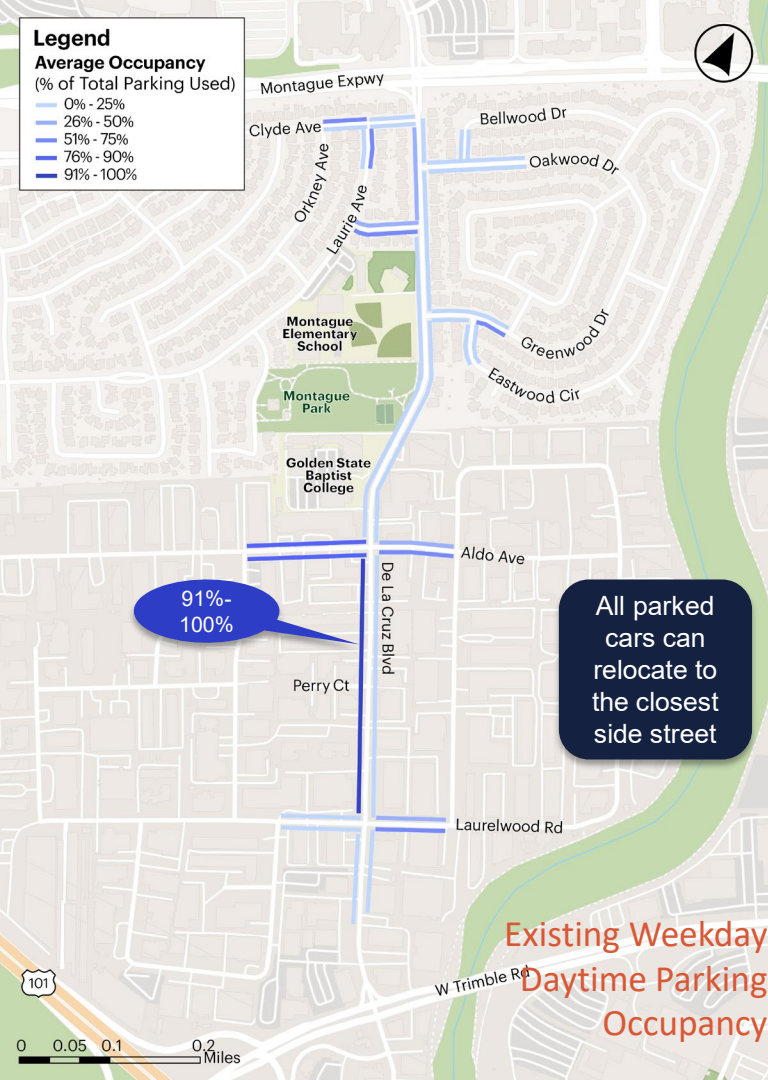
- All Intersections besides Laurelwood @ De La Cruz operate within the City's LOS Standard
- No significant impacts are expected at Laurelwood due to Project
- Otherwise, traffic analysis shows that an increase of 0-3 seconds of delay per intersection is expected with the removal of a travel lane





Legend
Average Occupancy
(% of Total Parking Used)

- 0% - 25%
- 26% - 50%
- 51% - 75%
- 76% - 90%
- 91% - 100%



De La Cruz: Parking Analysis

De La Cruz Boulevard Alternatives	Estimated Parking Availability	# of Cars Relocated
<u>Existing Conditions/No Build/ Concept A</u> (shown in image)	66%	N/A
<u>Concept B:</u>	62%	10
<u>Concept C:</u>	55%	21
<u>Concept D:</u>	51%	42

Daytime parking counts were collected in September 2024, Tuesday through Thursday from 7 AM to 7 PM. The peak occupancy hour was 10 AM to 11 AM on weekdays. Occupancy was averaged across all 3 days of data collection.



Analysis Summary

De La Cruz Concepts	Bike Facility	Travel Lane Reduction	Corridor Travel Time [^]	Parking Elimination	Parking Availability	Collision Reduction Potential
<u>Existing / No Build Option</u>	None	N/A	5 Minutes 16 Seconds	N/A	66%	N/A
<u>Concept A</u>	Class IIB	2 Lanes	+12 Seconds	No	Same as No Build	Yes
<u>Concept B</u>	Class IIB/ Class IV	2 Lanes	+12 Seconds	Negligible	62%	Yes
<u>Concept C</u>	Class IIB	No	Same as No Build	One Side Corridor-wide	55%	Negligible
<u>Concept D</u>	Class IIB/ Class IV	No	Same as No Build	One Side n/o Montague Park Both Sides s/o Montague Park	51%	Negligible

[^] Reflects change in delay at signalized intersections only. Additional travel time may occur with lane removal due to increased friction in remaining lane(s).



Online Survey Summary

De La Cruz Alternative	Preferred Concept Between Montague Expwy and Montague Park	Preferred Concept Between Montague Park and W Trimble Road
<u>Existing / No Build Option</u>	21%	20%
<u>Concept A:</u> Two Lanes, Buffered Bike Lanes, Center Turn Lane, Parking on Both Sides	35% ¹	11%
<u>Concept B:</u> Two Lanes, Buffered and Parking Protected Bike Lanes, Center Turn Lane, Parking on Both Sides	35% ¹	31%
<u>Concept C:</u> Four Lanes, Buffered Bike Lanes, Remove Parking On One Side	44% ¹	13%
<u>Concept D:</u> Four Lanes, Buffered and Protected/Buffered Bikeways, Remove Parking	44% ¹	25%

¹ From Montague Expwy to Montague Park, Concepts A and B are identical, and Concepts C and D are identical. Percent of respondents favoring applied to both concepts.



Lick Mill Blvd Proposed Alternatives



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Legend

- No Parking Segment
- On-Street Parking Segment
- Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class IIB Bike Lane
- Class IV Bike Lane (separated)
- Class IV Bike Lane (parking-protected)



Lick Mill: Existing/No Build

On-Street Parking	Posted Speed Limit (mph)	85 th Percentile Speed (mph)	Existing Bike Facilities	Number of Lanes
Both Sides of the Street North of Laird Cir (S), One Side of the Street South of Laird Cir (S)	35	43	Class III	4



Lick Mill: Concept E

Two Lanes, Buffered Bike Lanes, Parking on Both Sides

- Remove travel lanes in each direction
- Add Class IIB buffered bike lanes





Lick Mill: Concept F

Two Lanes, Parking Protected Bike Lanes

- Remove travel lanes in each direction
- Add Class IV parking-protected bike lanes and Class IV separated bike lanes where no parking exists





Lick Mill: Concept G

Three/Four Lanes, Protected and Buffered Bike Lanes, Remove Parking

- Remove parking lanes on each side of corridor
- Add Class IV separated bike lanes



Lick Mill Alternatives

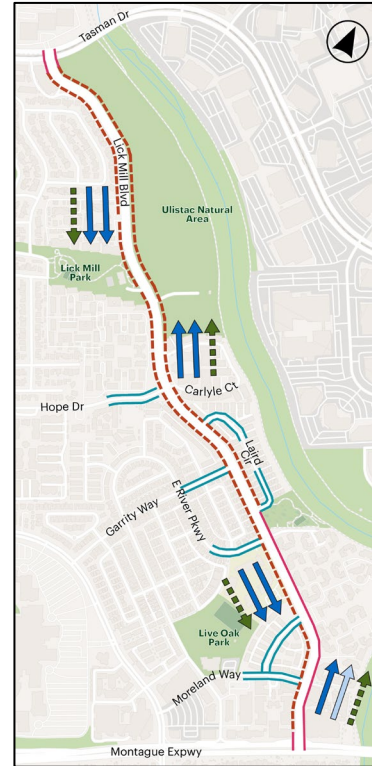
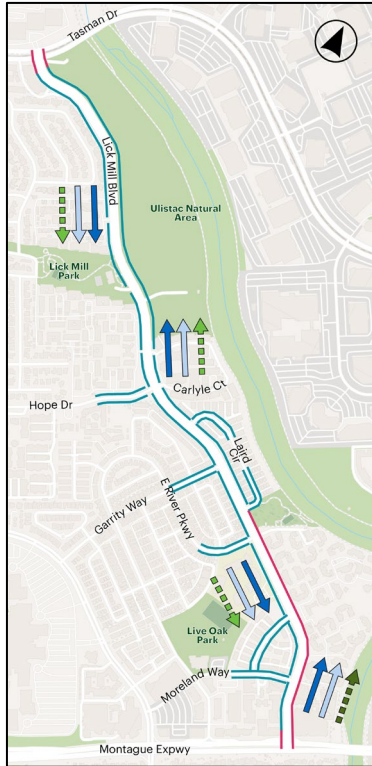
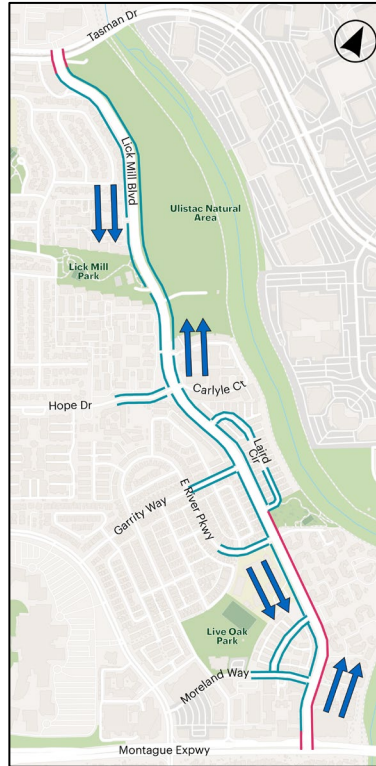
No Build

Concept E

Concept F

Concept G

Legend	
	No Parking Segment
	On-Street Parking Segment
	Removed Parking Segment
	Travel Lane
	Removed Travel Lane
	Center-Turn Lane
	Class IIB Bike Lane
	Class IV Bike Lane (separated)
	Class IV Bike Lane (parking-protected)



Traffic Analysis Findings

Concepts E & F w/ Lane Reduction

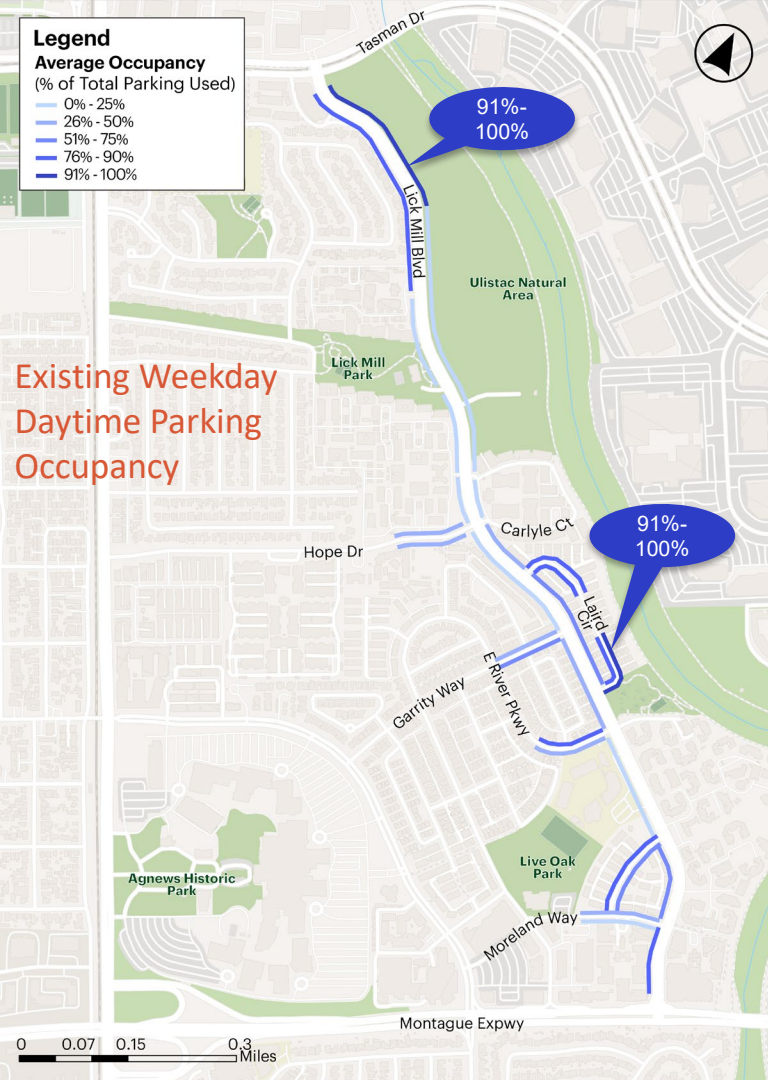
- All but three intersections operate within the City's standard for LOS (Tasman Dr, E River Pkwy, Fitzpatrick Way)
- Traffic analysis shows a 0-14 second increase of delay per intersection with the removal of travel lanes
- Those turning left off of Mansion Park Dr. or E River Pkwy may experience increased delay in the AM peak period hours





Legend
Average Occupancy
(% of Total Parking Used)

- 0% - 25%
- 26% - 50%
- 51% - 75%
- 76% - 90%
- 91% - 100%



Lick Mill: Parking Analysis

Lick Mill Boulevard Alternatives	Estimated Parking Availability	# of Cars Relocated
Existing Conditions/ No Build/ Concept E (shown in image)	54%	-
Concept F: Includes parking-protected bike lanes	53%	0
Concept G: Includes removal of all on-street parking on Lick Mill Boulevard	No Parking Available (121 Cars with No Available Parking)*	158

Daytime parking counts were collected in September 2024, Tuesday through Thursday from 7 AM to 7 PM. The peak occupancy hour was 7 AM to 8 AM on weekdays. Occupancy was averaged across all 3 days of data collection.

**A total of 121 cars would not have nearby and available on-street parking to relocate to. This includes 98 cars that are assumed to be associated with temporary construction parking. Excluding the cars associated with temporary construction, the estimated parking availability would be -5%.*



Analysis Summary

Lick Mill Concepts	Bike Facility	Travel Lane Reduction	Corridor Travel Time [^]	Parking Lane Elimination	Estimated Parking Availability	Collision Reduction Potential
<u>Existing/ No Build Option</u>	Class III	N/A	6 Minutes and 33 Seconds	N/A	54%	N/A
<u>Concept E</u>	Class IIB	2 Lanes	+3 Seconds	No	Same as existing	Yes
<u>Concept F</u>	Class IV	2 Lanes	+3 Seconds	No	53%	Yes
<u>Concept G</u>	Class IV	1 NB Lane SO Laird Cir (S)	+1 Second	Both Sides Corridor-wide	No Parking Available (121 Cars with No Available Parking)*	Yes

*A total of 121 cars would not have nearby and available on-street parking to relocate to. This includes 98 cars that are assumed to be associated with temporary construction parking. Excluding the cars associated with temporary construction, the estimated parking availability would be -5%.

[^] Reflects change in delay at signalized intersections only. Additional travel time may occur with lane removal due to increased friction in remaining lane(s).



Online Survey Summary

Lick Mill Alternative	Preferred Concept Between Tasman Dr and Laird Cir (S)	Preferred Concept Between Laird Cir (S) and Montague Expwy
<u>Existing / No Build Option</u>	24%	30%
<u>Concept E: Two Lanes, Buffered Bike Lanes, Parking on Both Sides</u>	12%	11%
<u>Concept F: Two Lanes, Parking Protected Bike Lanes</u>	38%	38%
<u>Concept G: Three/Four Lanes, Protected and Buffered Bike Lanes, Remove Parking</u>	26%	21%



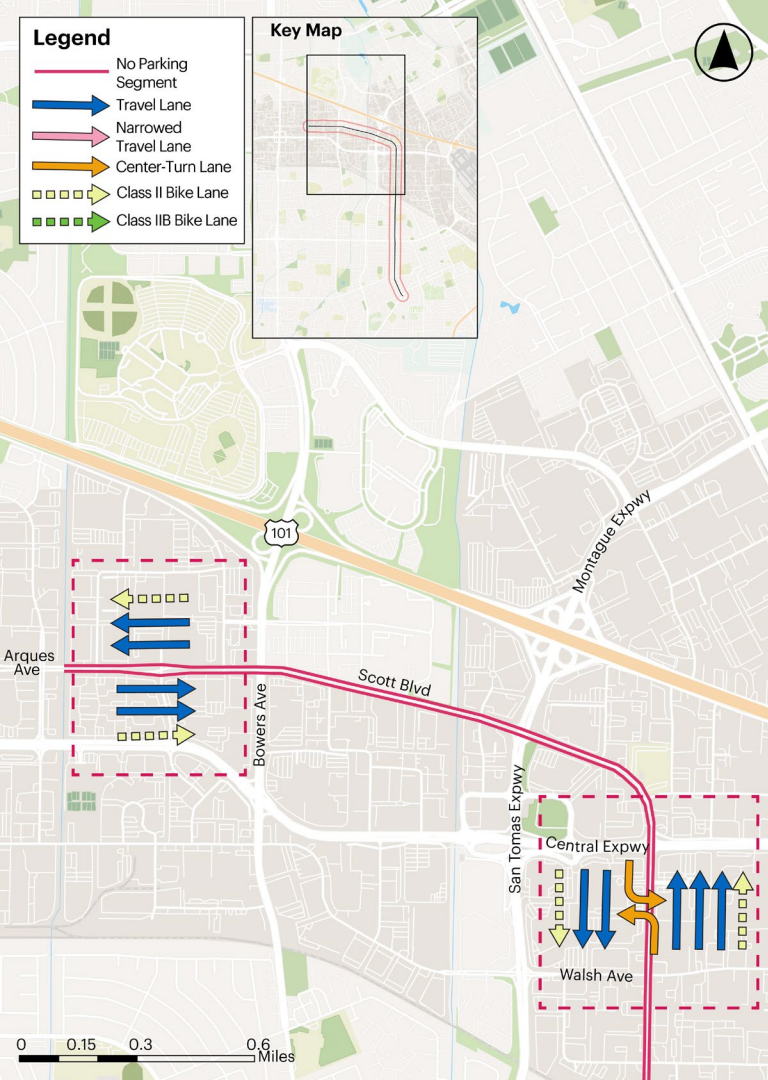
Scott Blvd Proposed Alternatives



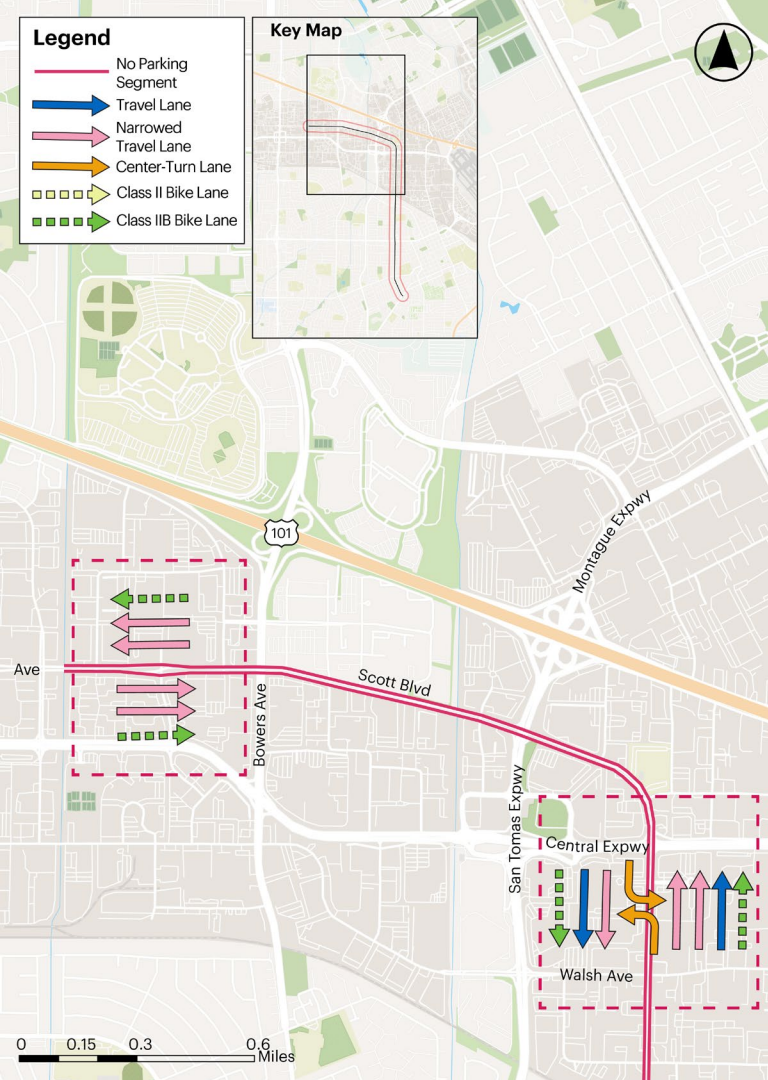
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Scott Boulevard Between Arques Avenue and Martin Avenue: Existing/No Build



On-Street Parking	Posted Speed Limit (mph)	85 th Percentile Speed (mph)	Existing Bike Facilities	Number of Lanes
None	40	-	Class II Bike Lanes	4-5



Scott Boulevard Between Arques Avenue and Martin Avenue: Concept H

Four/Five Lanes, Buffered Bike Lanes

- Narrow travel lanes
- Upgrade existing bike lanes to Class IIB buffered bike lanes



Analysis Summary

Scott Boulevard (between Arques Ave and Martin Ave)	Bike Facility	Travel Lane Reduction	Corridor Travel Time [^]	Parking Elimination*	Parking Availability*	Collision Reduction Potential
<u>Existing / No Build Option</u>	Class II	N/A	8 Minutes 50 Seconds	N/A	N/A	N/A
<u>Concept H</u>	Class IIB	No	Same as No Build	N/A	N/A	Negligible

*There is currently no on-street parking on Scott Boulevard between Arques Ave and Martin Ave, and it will not be added with the project.

[^] Reflects change in delay at signalized intersections only. Additional travel time may occur with lane removal due to increased friction in remaining lane(s).



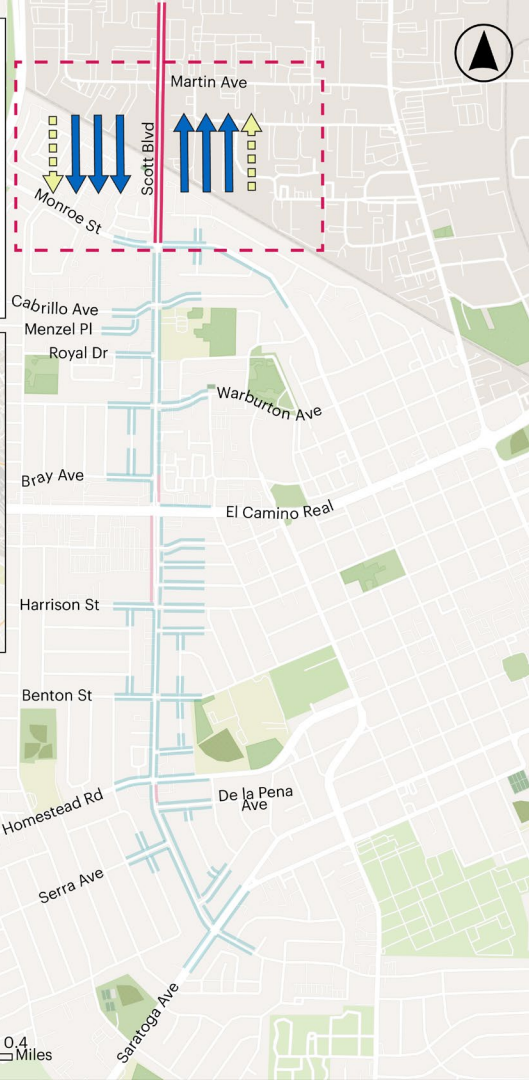
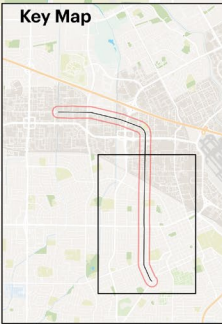
Online Survey Summary

Scott (Arques Ave to Martin Ave) Alternative	Preferred Concept
<u>Existing / No Build Option</u>	31%
<u>Concept H: Four/Five Lanes, Buffered Bike Lanes</u>	69%



Legend

- No Parking Segment
- On-Street Parking Segment
- - - Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class II Bike Lane
- Class IIB Bike Lane



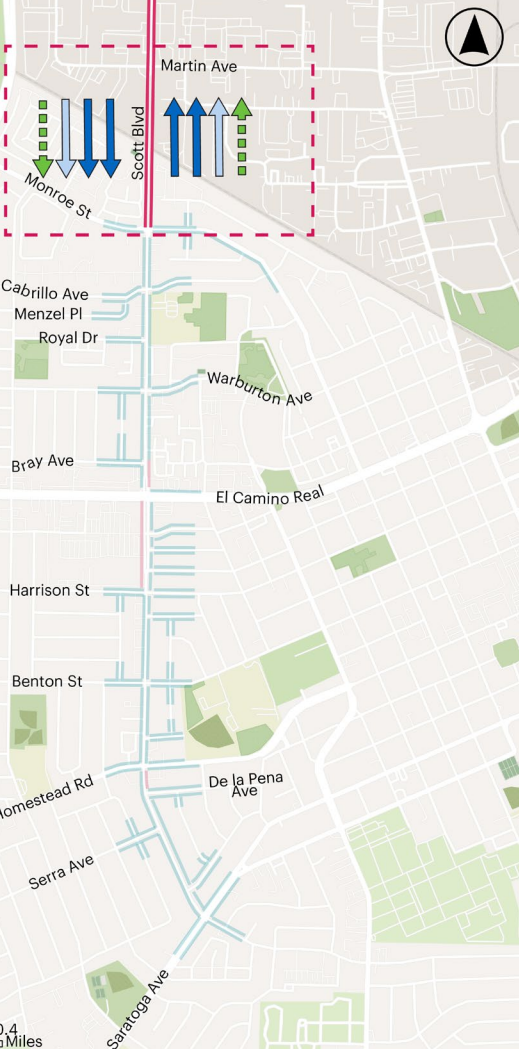
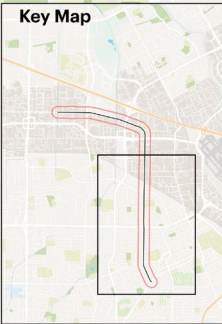
Scott Boulevard Between Martin Avenue and Monroe Street: Existing/No Build

On-Street Parking	Posted Speed Limit (mph)	85 th Percentile Speed	Existing bike Facilities	Number of Lanes
None	40	38	Class II Bike Lanes	6



Legend

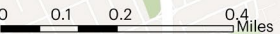
- No Parking Segment
- On-Street Parking Segment
- Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class II Bike Lane
- Class IIB Bike Lane



Scott Boulevard Between Martin Avenue and Monroe Street: Concept I

Four Lanes, Buffered Bike Lanes

- Remove travel lanes in each direction
- Upgrade existing bike lanes to Class IIB buffered bike lanes





Analysis Summary

Scott Boulevard (between Martin Ave and Monroe St)	Bike Facility	Travel Lane Reduction	Corridor Travel Time [^]	Parking Elimination*	Parking Availability*	Collision Reduction Potential
<u>Existing / No Build Option</u>	Class II	N/A	1 Minute 43 Seconds	N/A	N/A	N/A
<u>Concept I</u>	Class IIB	2 Lanes	Same as No Build	N/A	N/A	Negligible

**There is currently no on-street parking on Scott Boulevard between Arques Ave and Martin Ave, and it will not be added with the project.*

[^] Reflects change in delay at signalized intersections only. Additional travel time may occur with lane removal due to increased friction in remaining lane(s).

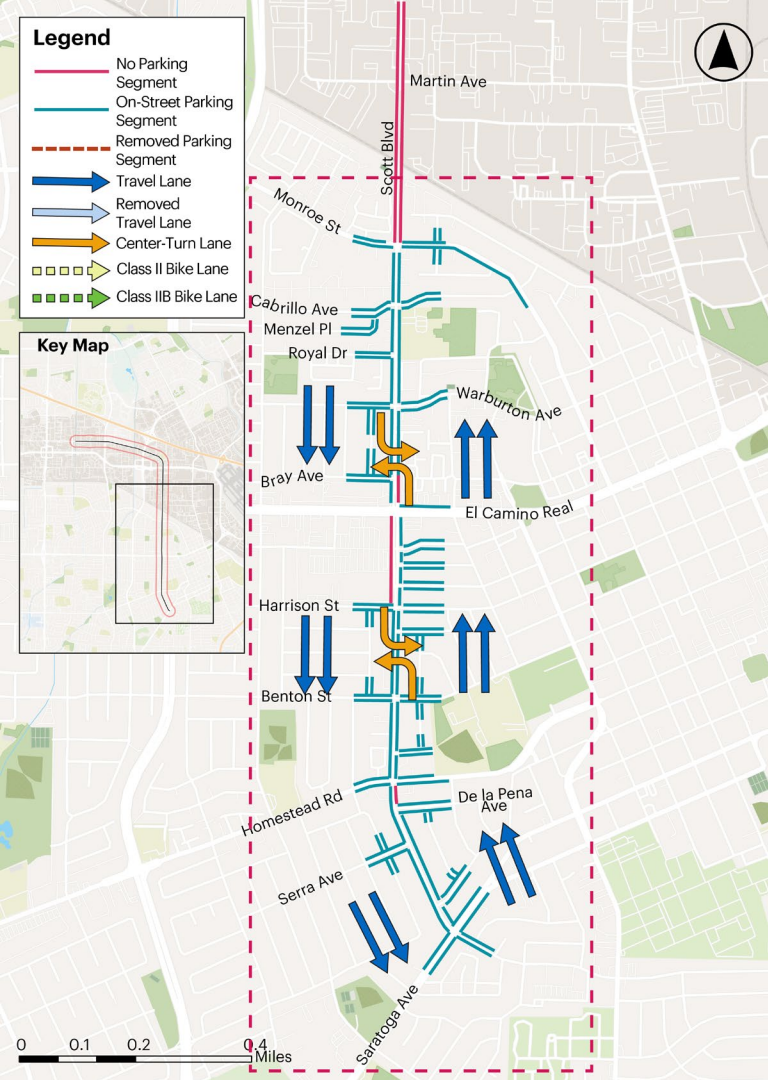


Online Survey Summary

Scott (Martin Avenue to Monroe Street) Alternative	Preferred Concept
<u>Existing / No Build Option</u>	36%
<u>Concept I: Four Lanes, Buffered Bike Lanes</u>	64%



Scott Boulevard Between Monroe Street and Saratoga Avenue: Existing/No Build



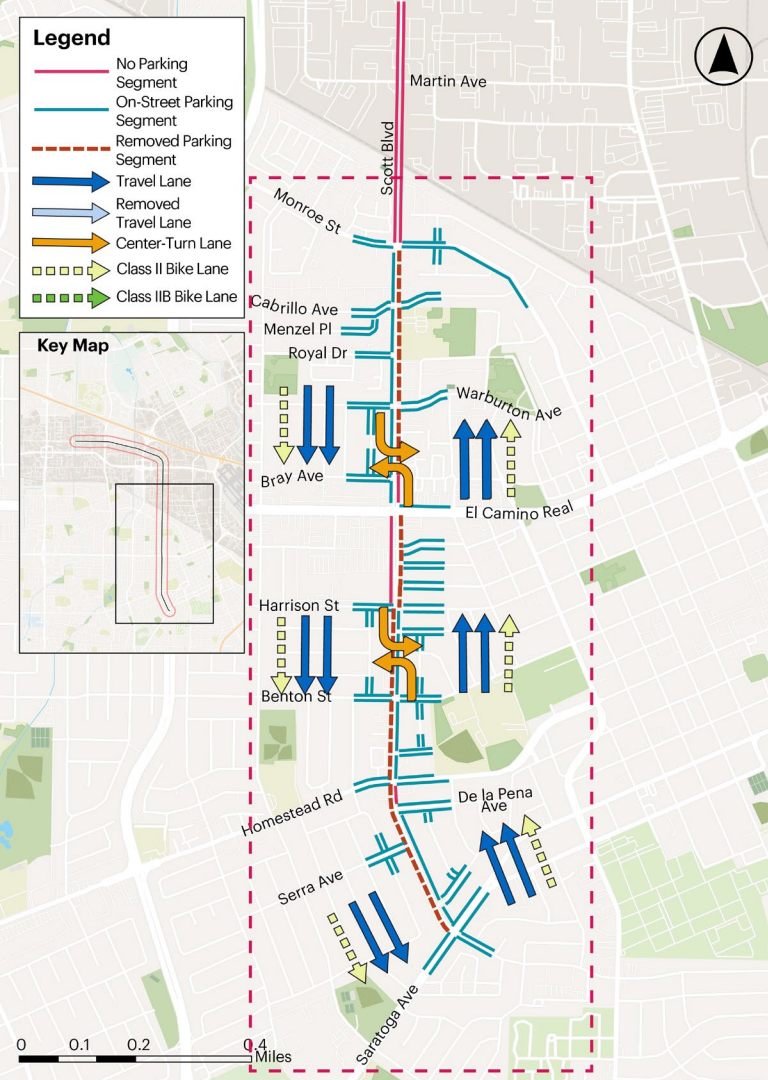
On-Street Parking	Posted Speed Limit (mph)	85 th Percentile Speed	Existing bike Facilities	Number of Lanes
Both Sides of the Street	35	39	None	4-5



Scott Boulevard Between Monroe Street and Saratoga Avenue: Concept J

Four Lanes, Standard Bike Lanes, Remove Parking on One Side

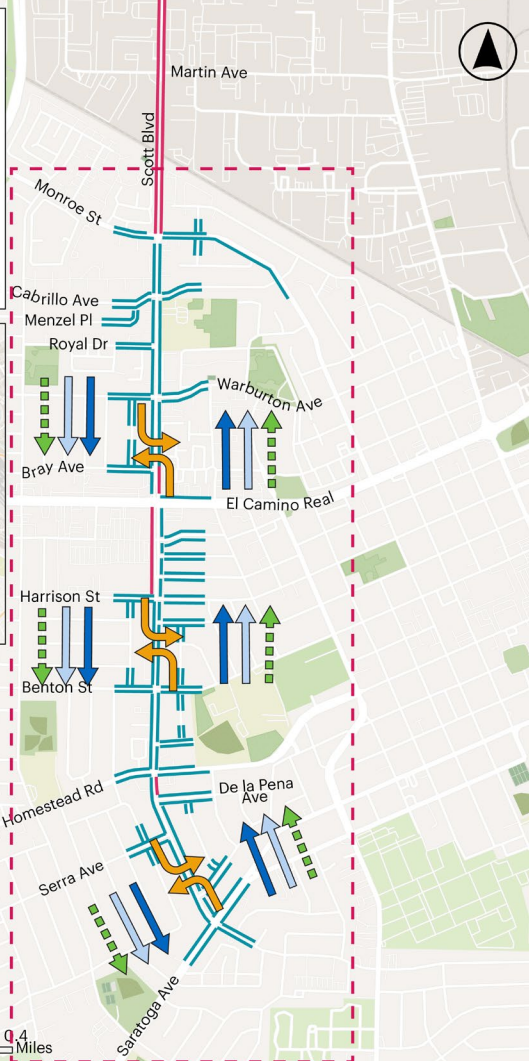
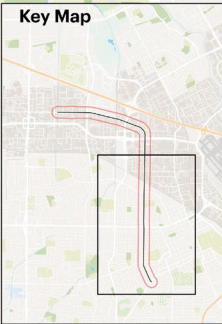
- Remove parking lane on east side north of Harrison Street
- Remove parking lane on west side south of Harrison Street
- Add Class II bike lanes





Legend

- No Parking Segment
- On-Street Parking Segment
- Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class II Bike Lane
- Class IIB Bike Lane



Scott Boulevard Between Monroe Street and Saratoga Avenue: Concept K

Two Lanes, Buffered Bike Lanes, Parking on Both Sides

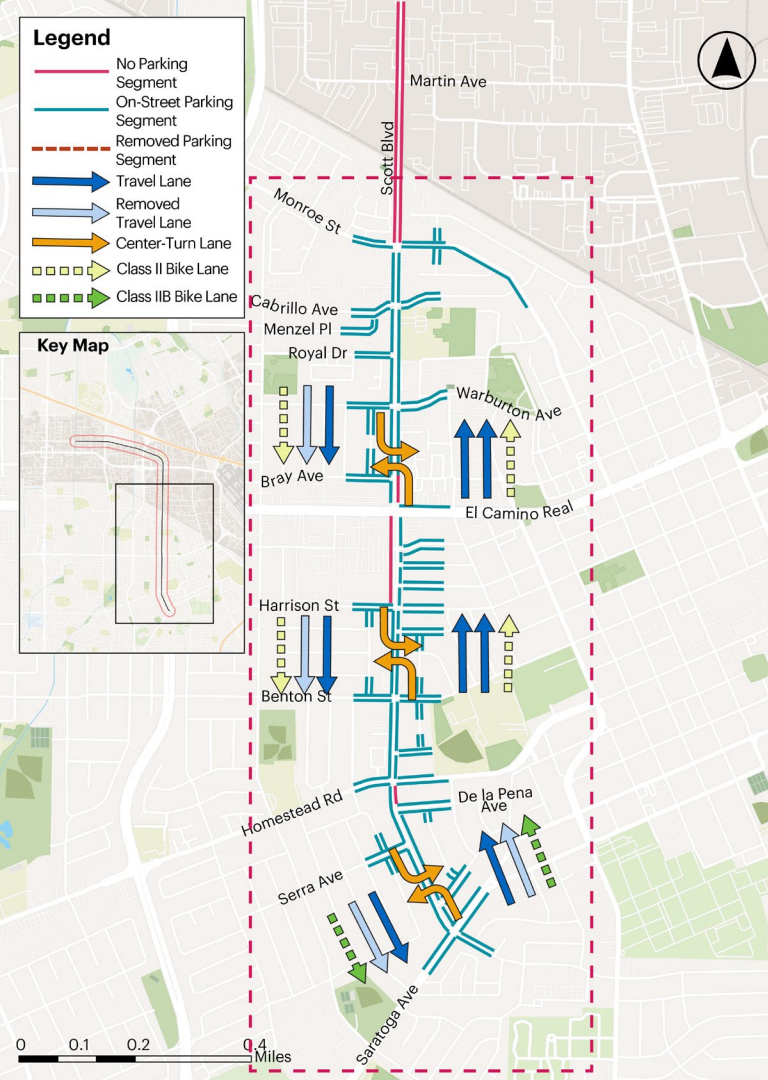
- Remove travel lanes in each direction
- Add Class IIB buffered bike lanes
- Add center turn lane south of Homestead Road
- Retain on-street parking



Scott Boulevard Between Monroe Street and Saratoga Avenue: Concept L

Two Lanes, Buffered Bike Lanes, Standard Bike Lanes

- North of Homestead Road
 - Remove southbound travel lane
 - Add Class II bike lanes
 - Retain on-street parking
- South of Homestead Road
 - Remove travel lanes in each direction
 - Add Class IIB buffered bike lanes
 - Add center turn lane
 - Retain on-street parking

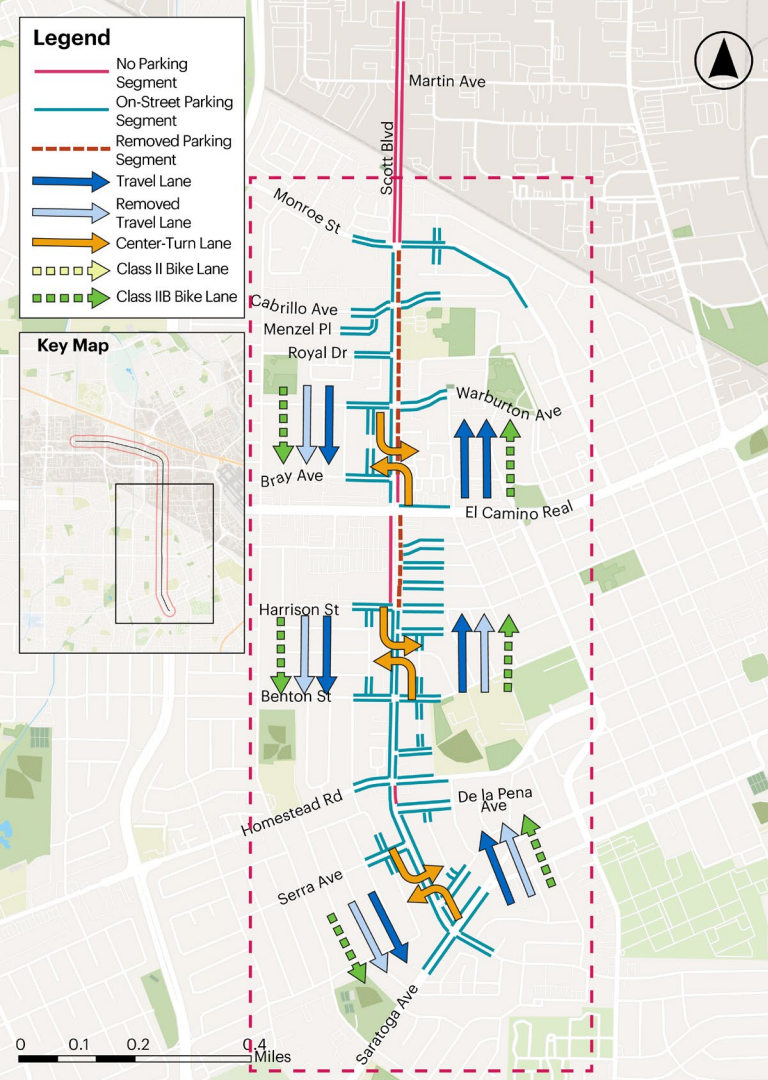




Scott Boulevard Between Monroe Street and Saratoga Avenue: Concept M

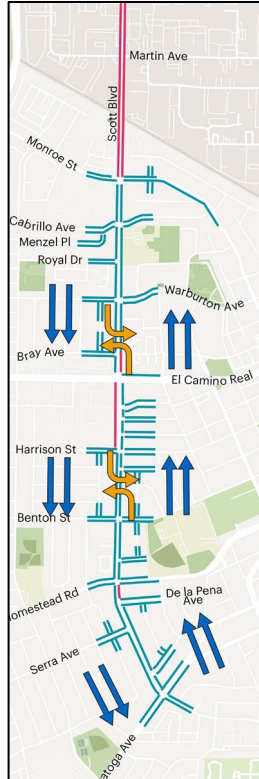
Two/Three Lanes, Buffered Bike Lanes

- North of Harrison Street
 - Remove parking lane on east side and southbound travel lane
 - Add Class IIB buffered bike lane
- South of Harrison Street
 - Remove travel lanes in each direction
 - Add Class IIB buffered bike lanes
 - Add center turn lane south of Homestead Rd
 - Retain on-street parking

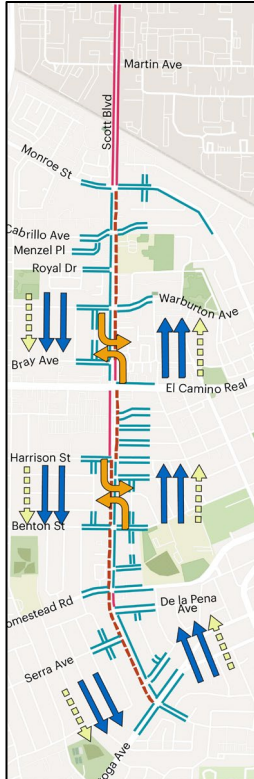




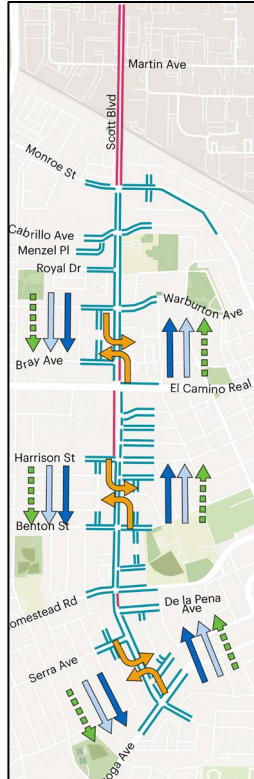
No Build



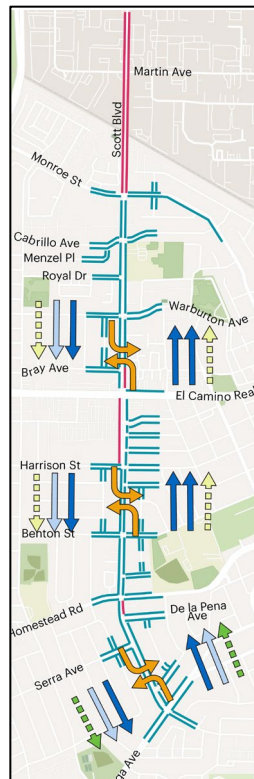
Concept J



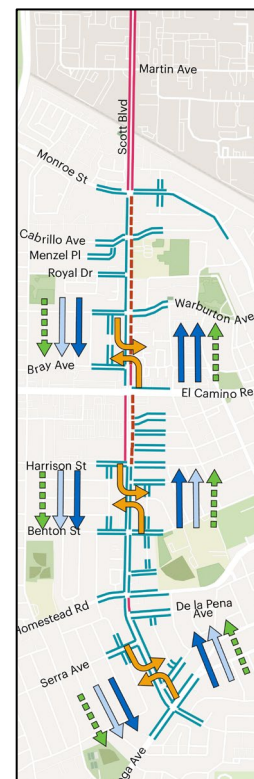
Concept K



Concept L



Concept M



Scott Boulevard Alternatives (SO Monroe St)

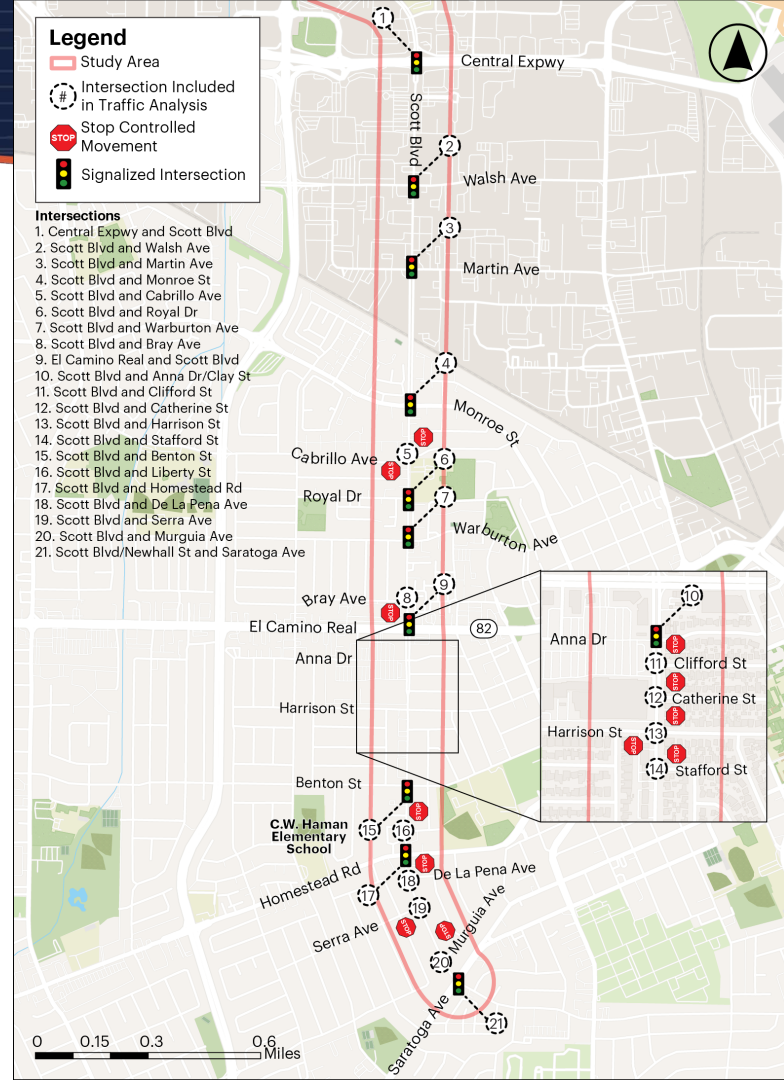
Legend

- No Parking Segment
- On-Street Parking Segment
- - - Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class II Bike Lane
- Class IIB Bike Lane

Traffic Analysis Findings

Concepts K, L & M w/ Lane Reduction

- All but three intersections operate within the City's standard for LOS (Cabrillo Ave, Harrison Street, Serra Ave)
- Many unsignalized intersections improve with the addition of a TWLTL
- Traffic analysis shows that an increase of 0-9 seconds of delay per intersection is expected with the removal of a travel lane





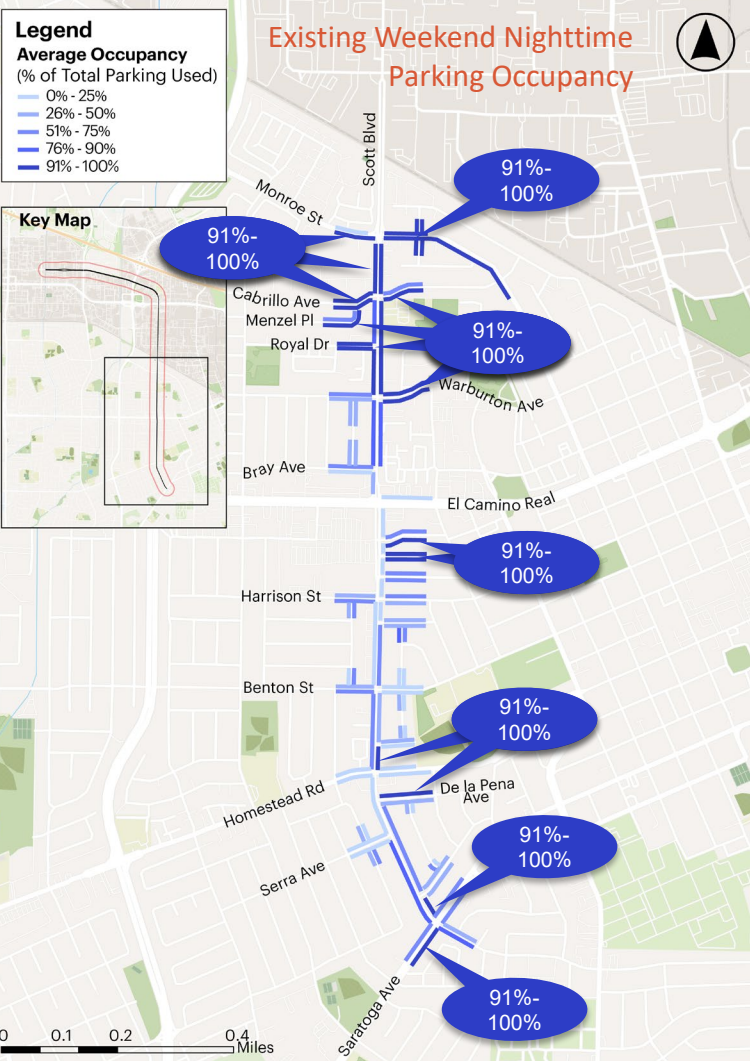
Legend
Average Occupancy
(% of Total Parking Used)

- 0% - 25%
- 26% - 50%
- 51% - 75%
- 76% - 90%
- 91% - 100%

Existing Weekend Nighttime
Parking Occupancy



Key Map



Scott Blvd: Parking Analysis

Scott Boulevard Alternatives	Estimated Parking Availability	# of Cars Relocated
<u>Existing Conditions/ No Build/ Concept K/ Concept L</u> (see image)	38%	0
<u>Concept J:</u> Remove Parking on One Side	31%*	43
<u>Concept M:</u> Remove parking on one side from Monroe Street to Harrison Street	36%*	20

Nighttime parking counts were collected in September 2024, Tuesday through Thursday from 11 PM to 2 AM. The peak occupancy hour was 12 AM to 1 AM on weekdays. Occupancy was averaged across all 3 days of data collection.

**A total of 11 cars would not have nearby and available on-street parking to relocate to.*



Analysis Summary

Scott (Monroe Street to Saratoga Avenue) Concepts	Bike Facility	Travel Lane Reduction	Corridor Travel Time [^]	Parking Lane Elimination	Estimated Parking Availability	Collision Reduction Potential
<u>Existing/ No Build Option</u>	None	N/A	4 Minutes and 50 Seconds	N/A	38%	None
<u>Concept J</u>	Class II	Same as No Build	Same as No Build	1 Side Corridor-wide	31%*	Negligible
<u>Concept K</u>	Class IIB	2 Lanes	+28 Seconds	Same as No Build	Same as No Build	Yes
<u>Concept L</u>	Class II & Class IIB	1 SB Lane North of Homestead Rd 2 Lanes South of Homestead Rd	+26 Seconds	Same as No Build	Same as No Build	Yes
<u>Concept M</u>	Class IIB	1 SB Lane North of Harrison St 2 Lanes South of Harrison St	+28 Seconds	One Side Between Monroe St and Harrison St	36%*	Yes

*A total of 11 cars would not have nearby and available on-street parking to relocate to.

[^] Reflects change in delay at signalized intersections only. Additional travel time may occur with lane removal due to increased friction in remaining lane(s).



Online Survey Summary

Scott (Monroe Street to Saratoga Avenue) Alternative	Preferred Concept Between Monroe St and Harrison St	Preferred Concept Between Harrison St and Homestead Rd	Preferred Concept Between Homestead Rd and Saratoga Ave
<u>Existing Conditions/No Build Option</u>	29%	28%	28%
<u>Concept J:</u> Four Lanes, Standard Bike Lanes, Remove Parking on One Side	15%	17%	18%
<u>Concept K:</u> Two Lanes, Buffered Bike Lanes, Parking on Both Sides	28%	43% ¹	54% ²
<u>Concept L:</u> Two Lanes, Buffered Bike Lanes, Standard Bike Lanes	6%	12%	54% ²
<u>Concept M:</u> Two/Three Lanes, Buffered Bike Lanes	22%	43% ¹	54% ²

¹From Harrison St to Homestead Rd, Concepts K and M are identical. Percent of respondents favoring applied to both concepts.

²From Homestead Rd to Saratoga Ave, Concepts K, L, and M are identical. Percent of respondents favoring applied to all three concepts.



Next Steps



City of Santa Clara
The Center of What's Possible



Next Steps & Schedule

- Public review of Draft Report through February 16th
- City Council Meeting – February 25th, 2025 (tentative)
- If City Council adopts build alternatives, then commence environmental clearance and final design



Alternatives

1. Adopt a resolution adopting the De La Cruz Boulevard, Lick Mill Boulevard, and Scott Boulevard Bikeway Improvements Planning Study.
2. Do Not Adopt a resolution adopting the De La Cruz Boulevard, Lick Mill Boulevard, and Scott Boulevard Bikeway Improvements Planning Study.



Alternatives – De La Cruz Boulevard

3. Select the Existing Conditions/No Build Option as the preferred alternative.
4. Select Concept A titled “Two Lanes, Buffered Bike Lanes, Center Turn Lane, Parking on Both Sides” as the preferred alternative.
5. Select Concept B titled “Two Lanes, Buffered and Parking Protected Bike Lanes, Center Turn Lane, Parking on Both Sides” as the preferred alternative.
6. Select Concept C titled “Four Lanes, Buffered Bike Lanes, Remove Parking On One Side” as the preferred alternative.
7. Select Concept D titled “Four Lanes, Buffered and Protected/Buffered Bikeways, Remove Parking” as the preferred alternative.



Alternatives – Lick Mill Boulevard

8. Select the Existing Conditions/No Build Option as the preferred alternative.
9. Select Concept E titled “Two Lanes, Buffered Bike Lanes, Parking on Both Sides” as the preferred alternative.
10. Select Concept F titled “Two Lanes, Parking Protected Bike Lanes” as the preferred alternative.
11. Select Concept G titled “Three/Four Lanes, Protected and Buffered Bike Lanes, Remove Parking” as the preferred alternative.



Alternatives – Scott Boulevard Between Arques Avenue and Martin Avenue

- 12.** Select the Existing Conditions/No Build Option as the preferred alternative.
- 13.** Select Concept H titled “Four/Five Lanes, Buffered Bike Lanes” as the preferred alternative.



Alternatives – Scott Boulevard Between Martin Avenue and Monroe Street

14. Select the Existing Conditions/No Build Option as the preferred alternative.
15. Select Concept I titled “Four Lanes, Buffered Bike Lanes” as the preferred alternative.



Alternatives – Scott Boulevard Between Monroe Street and Saratoga Avenue

16. Select the Existing Conditions/No Build Option as the preferred alternative.
17. Select Concept J titled “Four Lanes, Standard Bike Lanes, Remove Parking on One Side” as the preferred alternative.
18. Select Concept K titled “Two Lanes, Buffered Bike Lanes, Parking on Both Sides” as the preferred alternative.
19. Select Concept L titled “Two Lanes, Buffered Bike Lanes, Standard Bike Lanes” as the preferred alternative.
20. Select Concept M titled “Two/Three Lanes, Buffered Bike Lanes” as the preferred alternative.



Recommendations:

- 1. Alternative 1: Recommend** to City Council to adopt a resolution adopting the De La Cruz Boulevard, Lick Mill Boulevard, and Scott Boulevard Bikeway Improvements Planning Study; and...
- 2. Select one of the following for each project roadway/segment:**



Select one of the following for De La Cruz Boulevard between Montague Expwy and W Trimble Rd

Alternative 3: Recommend City Council approve the Existing Conditions/No Build Option as the preferred alternative.

or

Alternative 4: Recommend City Council approve Concept A titled “Two Lanes, Buffered Bike Lanes, Center Turn Lane, Parking on Both Sides” as the preferred alternative.

or

Alternative 5: Recommend City Council approve Concept B titled “Two Lanes, Buffered and Parking Protected Bike Lanes, Center Turn Lane, Parking on Both Sides” as the preferred alternative.

or

Alternative 6: Recommend City Council approve Concept C titled “Four Lanes, Buffered Bike Lanes, Remove Parking On One Side” as the preferred alternative.

or

Alternative 7: Recommend City Council approve Concept D titled “Four Lanes, Buffered and Protected/Buffered Bikeways, Remove Parking” as the preferred alternative.



De La Cruz Alternatives

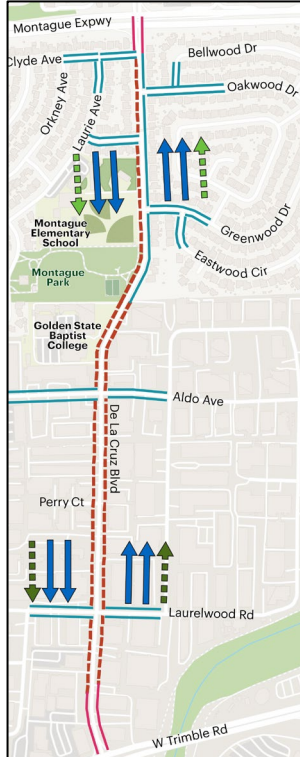
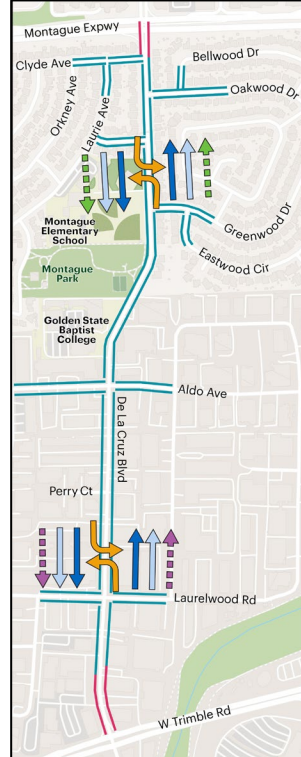
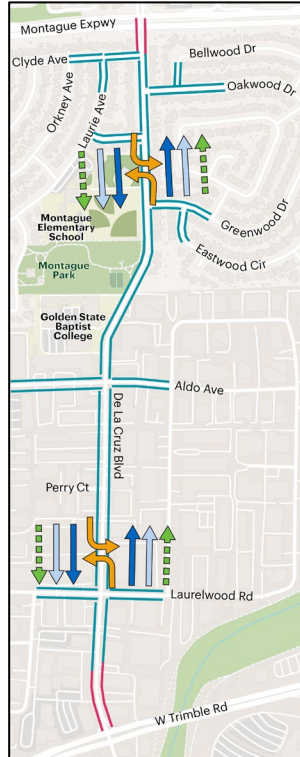
No Build

Concept A

Concept B

Concept C

Concept D



Legend

- No Parking Segment
- On-Street Parking Segment
- Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class IIB Bike Lane
- Class IV Bike Lane (separated)
- Class IV Bike Lane (parking-protected)



Select one of the following for Lick Mill Boulevard between Tasman Drive and Montague Expwy

Alternative 8: Recommend City Council approve the Existing Conditions/No Build Option as the preferred alternative.

or

Alternative 9: Recommend City Council approve Concept E titled “Two Lanes, Buffered Bike Lanes, Parking on Both Sides” as the preferred alternative.

or

Alternative 10: Recommend City Council approve Concept F titled “Two Lanes, Parking Protected Bike Lanes” as the preferred alternative.

or

Alternative 11: Recommend City Council approve Concept G titled “Three/Four Lanes, Protected and Buffered Bike Lanes, Remove Parking” as the preferred alternative.



Lick Mill Alternatives

No Build

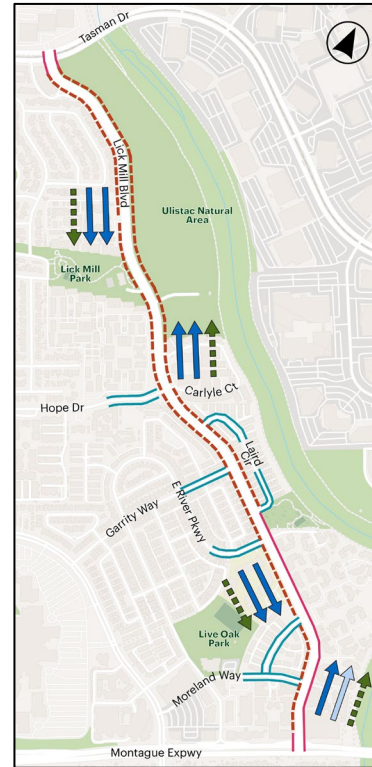
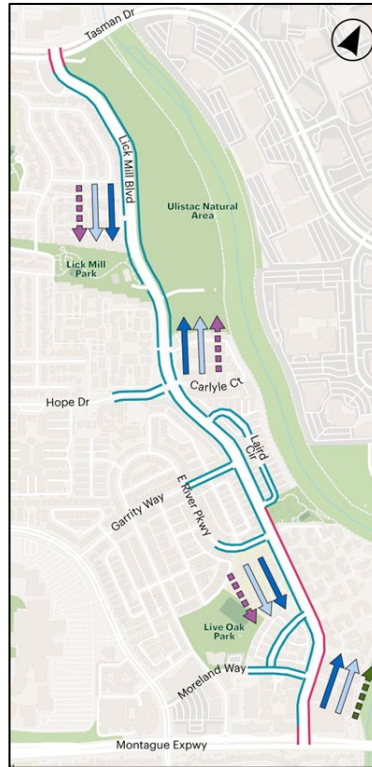
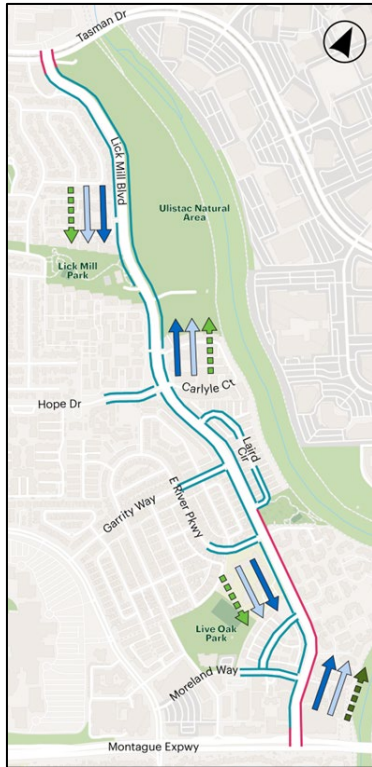
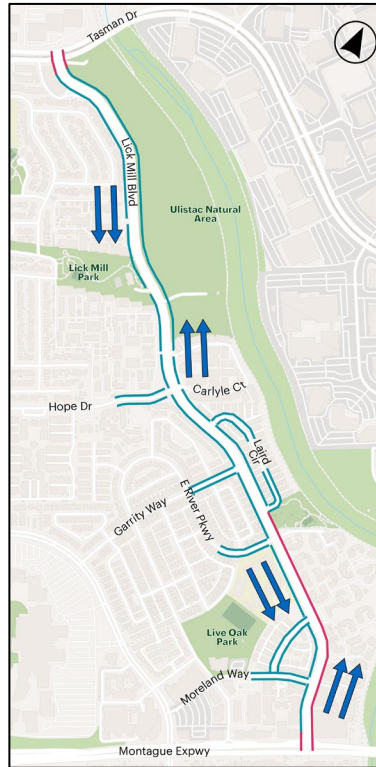
Concept E

Concept F

Concept G

Legend

- No Parking Segment
- On-Street Parking Segment
- Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class IIB Bike Lane
- Class IV Bike Lane (separated)
- Class IV Bike Lane (parking-protected)





Select one of the following for Scott Boulevard between Arques Avenue and Martin Avenue

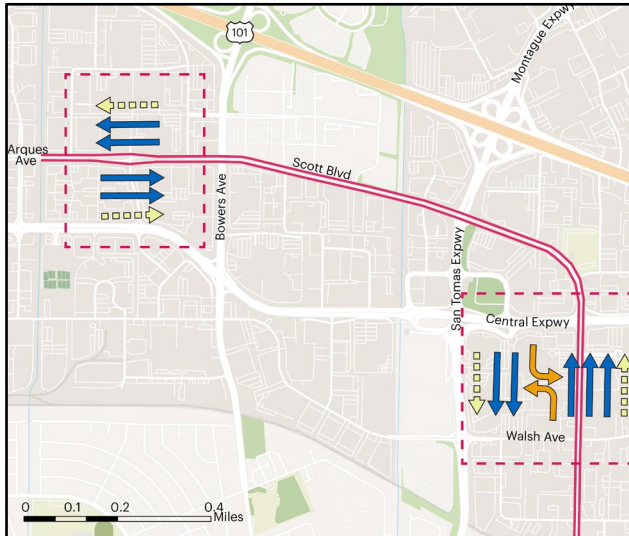
Alternative 12: Recommend City Council approve the Existing Conditions/No Build Option as the preferred alternative.

or

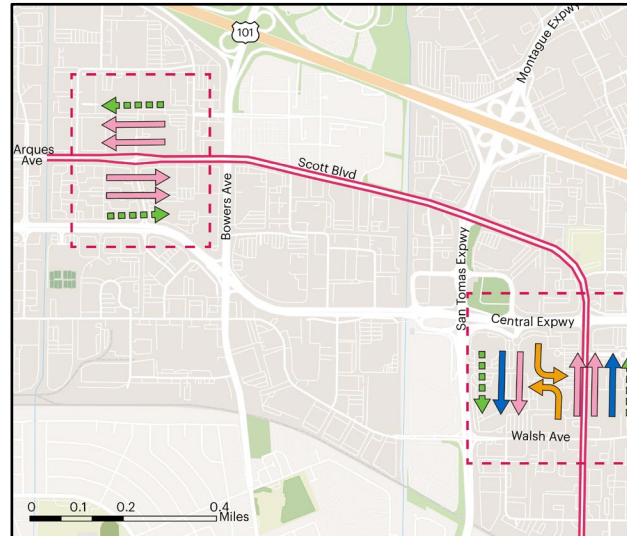
Alternative 13: Recommend City Council approve Concept H titled “Four/Five Lanes, Buffered Bike Lanes” as the preferred alternative.



No Build



Concept H



Scott Boulevard Alternatives Arques Avenue to Martin Avenue

Legend

- No Parking Segment
- Travel Lane
- Narrowed Travel Lane
- Center-Turn Lane
- Class II Bike Lane
- Class IIB Bike Lane



Select one of the following for Scott Boulevard between Martin Avenue and Monroe Street

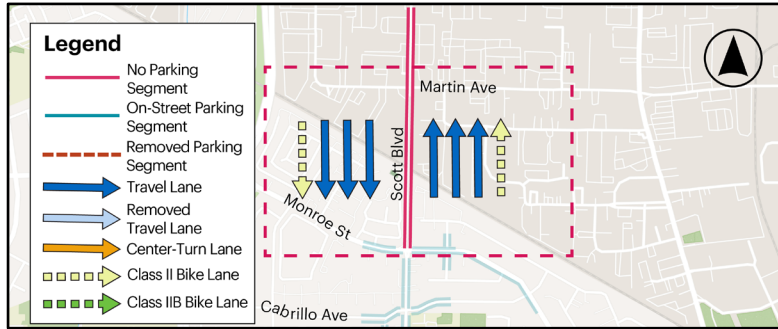
Alternative 14: Recommend City Council approve the Existing Conditions/No Build Option as the preferred alternative.

or

Alternative 15: Recommend City Council approve Concept I titled “Four Lanes, Buffered Bike Lanes” as the preferred alternative.

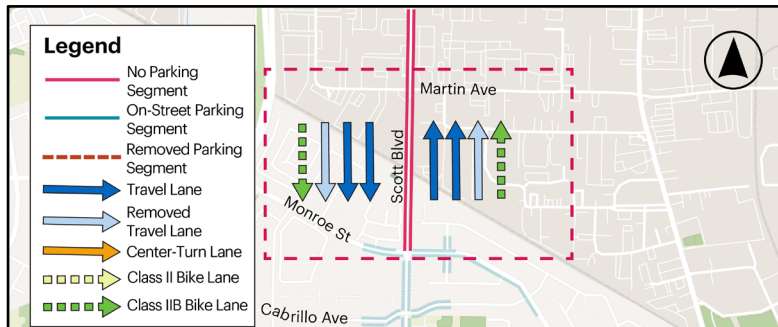


No Build



Scott Boulevard Alternatives Martin Avenue to Monroe Street

Concept I





Select one of the following for Scott Boulevard Between Monroe Street and Saratoga Avenue

Alternative 16: Recommend City Council approve the Existing Conditions/No Build Option as the preferred alternative.

or

Alternative 17: Recommend City Council approve Concept J titled “Four Lanes, Standard Bike Lanes, Remove Parking on One Side” as the preferred alternative.

or

Alternative 18: Recommend City Council approve Concept K titled “Two Lanes, Buffered Bike Lanes, Parking on Both Sides” as the preferred alternative.

or

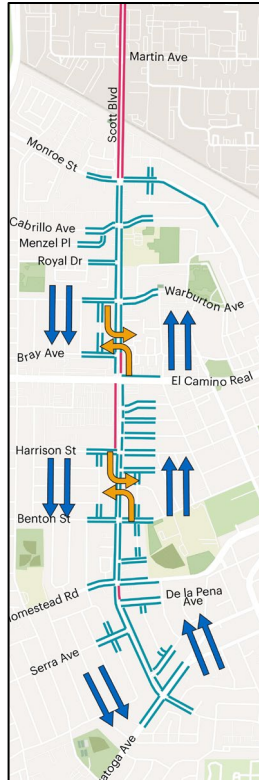
Alternative 19: Recommend City Council approve Concept L titled “Two Lanes, Buffered Bike Lanes, Standard Bike Lanes” as the preferred alternative.

or

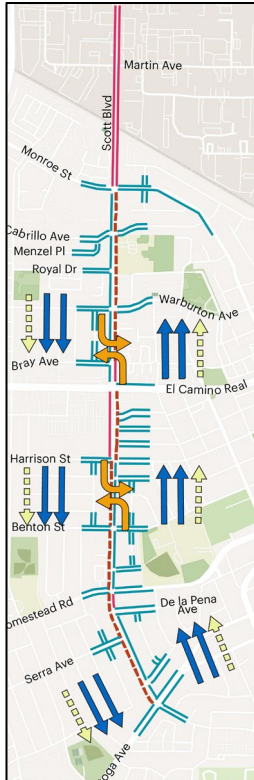
Alternative 20: Recommend City Council approve Concept M titled “Two/Three Lanes, Buffered Bike Lanes” as the preferred alternative.



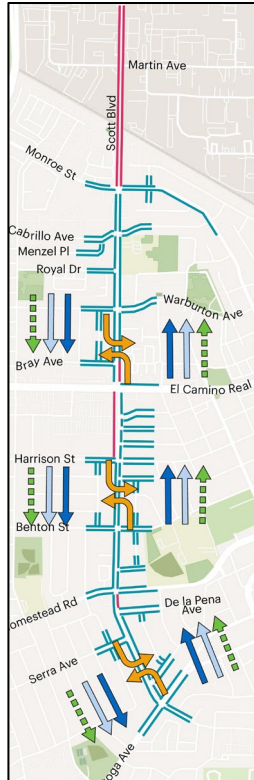
No Build



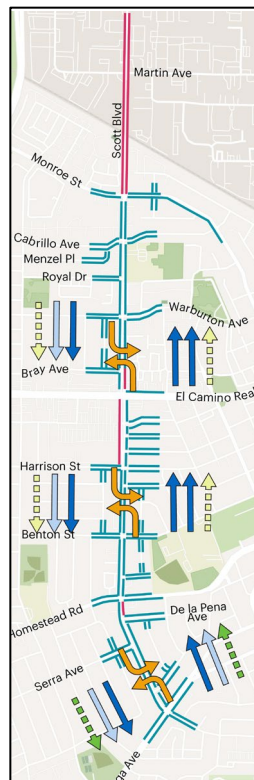
Concept J



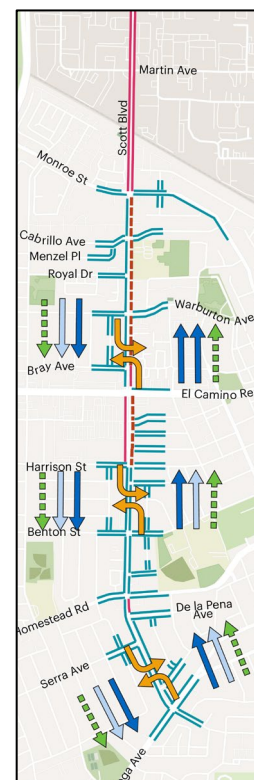
Concept K



Concept L



Concept M



Scott Boulevard Alternatives (SO Monroe St)

Legend

- No Parking Segment
- On-Street Parking Segment
- - - Removed Parking Segment
- Travel Lane
- Removed Travel Lane
- Center-Turn Lane
- Class II Bike Lane
- Class IIB Bike Lane



Ways to stay involved

1. Review Draft Report from project webpage and submit comments to project email/phone
2. Check the project website for updates: Go to www.SantaClaraCA.gov/BikePedProjects and click on the link: “De La Cruz Blvd, Lick Mill Blvd, and Scott Blvd Bikeway Improvements Project”
3. Send us an email: SCBikeProject@circlepoint.com
4. Call and Leave a voice message: [\(408\) 620-6556](tel:(408)620-6556)

Scan QR Code →





De La Cruz Blvd

Thank You!

SantaClaraCA.gov/BikePedProjects



**City of
Santa Clara**
The Center of What's Possible