



Community Meeting

March 7, 2023

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Montgomery County Department of Transportation

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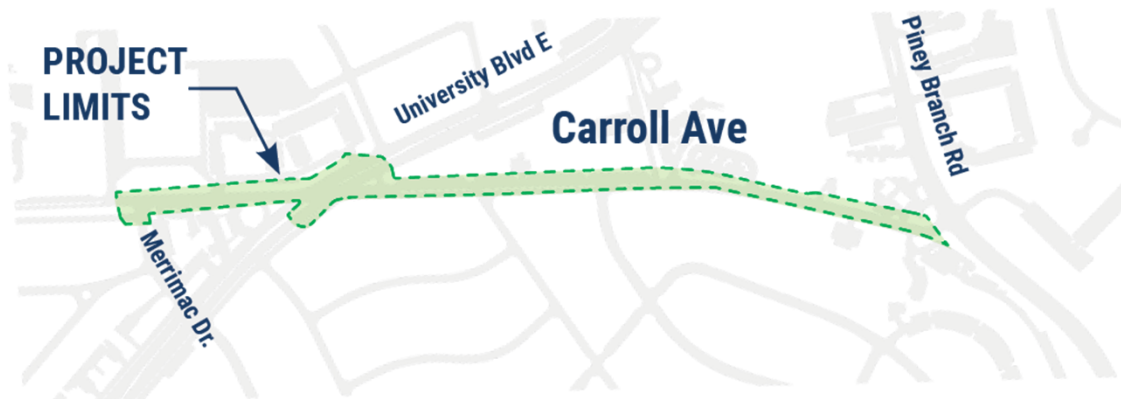
Welcome

- Welcome to the community meeting.
- The project webpage is located at: <https://montgomerycountymd.gov/dot-dte/projects/CarrollAve/index.html>
- After the presentation there will be a brief Q&A session



Project Overview

- Description: Low-stress bikeway on Carroll Avenue between Merrimac Drive and Piney Branch Road (MD 320) in the Takoma/Langley Crossroads area



- Goal: Provide connectivity for cyclists to the future Purple Line station at Takoma/Langley Transit Center

Existing Conditions

- South of University Blvd:



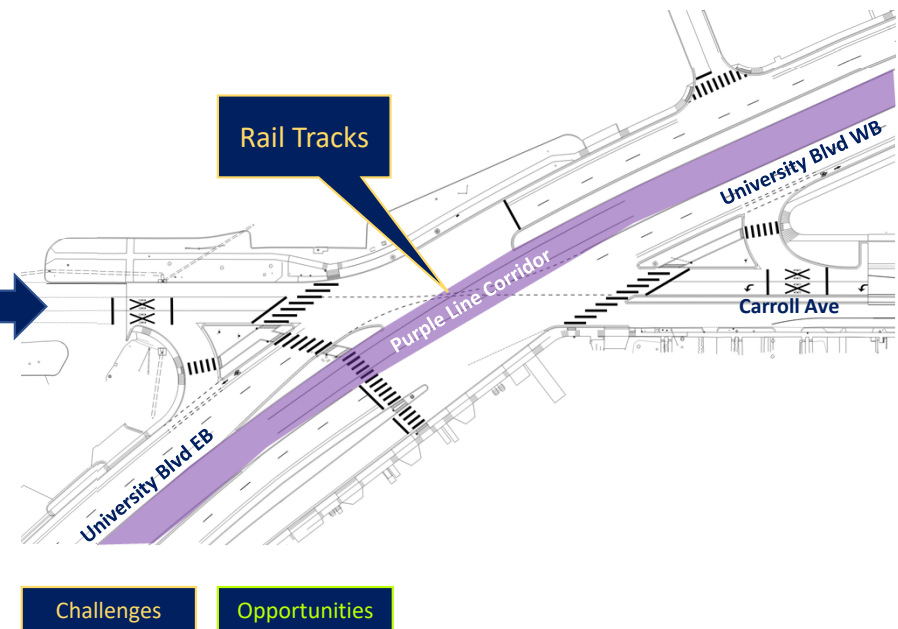
Challenges

Opportunities



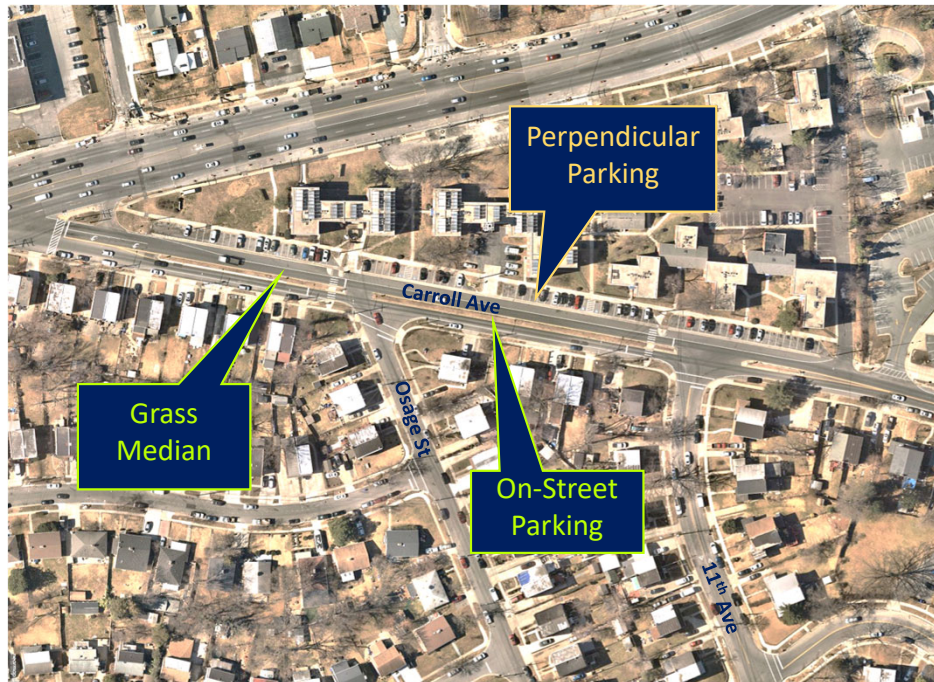
Existing Conditions

- University Blvd Intersection



Existing Conditions

- North of University Blvd – Wide Section (Median)



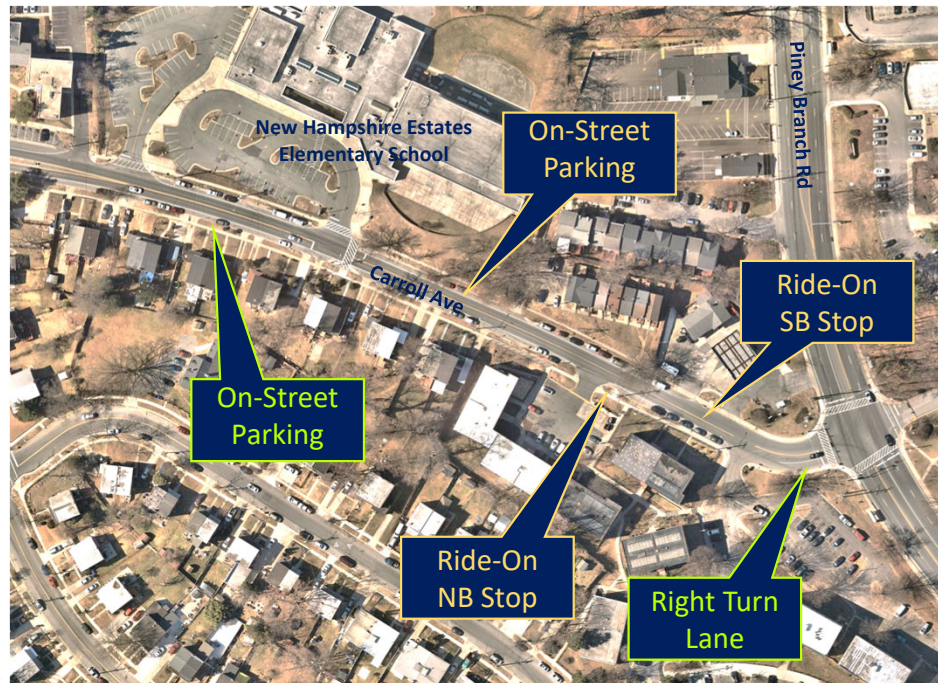
Challenges

Opportunities



Existing Conditions

- North of University Blvd – Narrow Section



Challenges

Opportunities

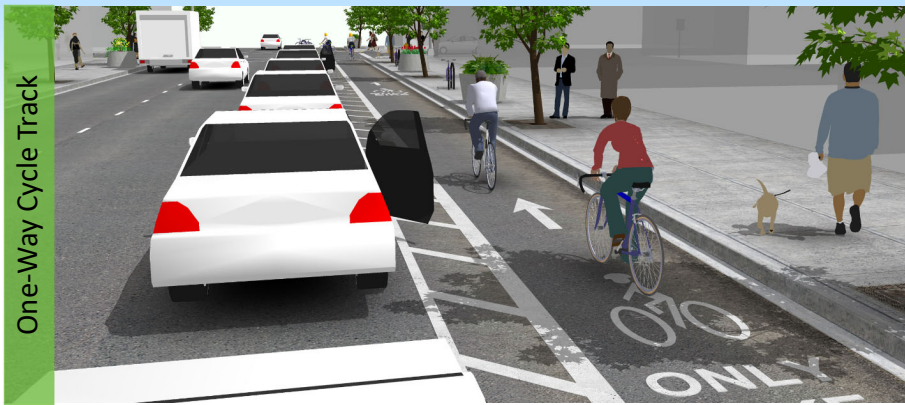


Alternative Development - Considerations

- Comfort and safety for people on bicycles and pedestrians
- Preserve existing roadway configuration
- Vehicular Traffic and driveways
- On-street Parking
- Impacts to property, trees, and utilities
- Ride-On Operation
- Purple Line improvements
- Adjacent projects



Alternative Development – Facility Types



Alternatives Evaluated:

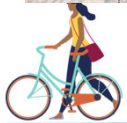
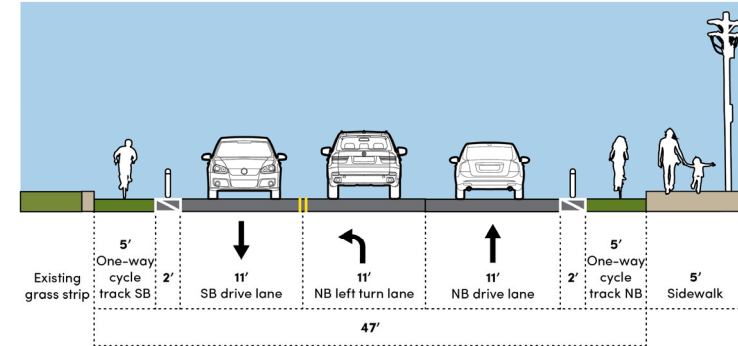
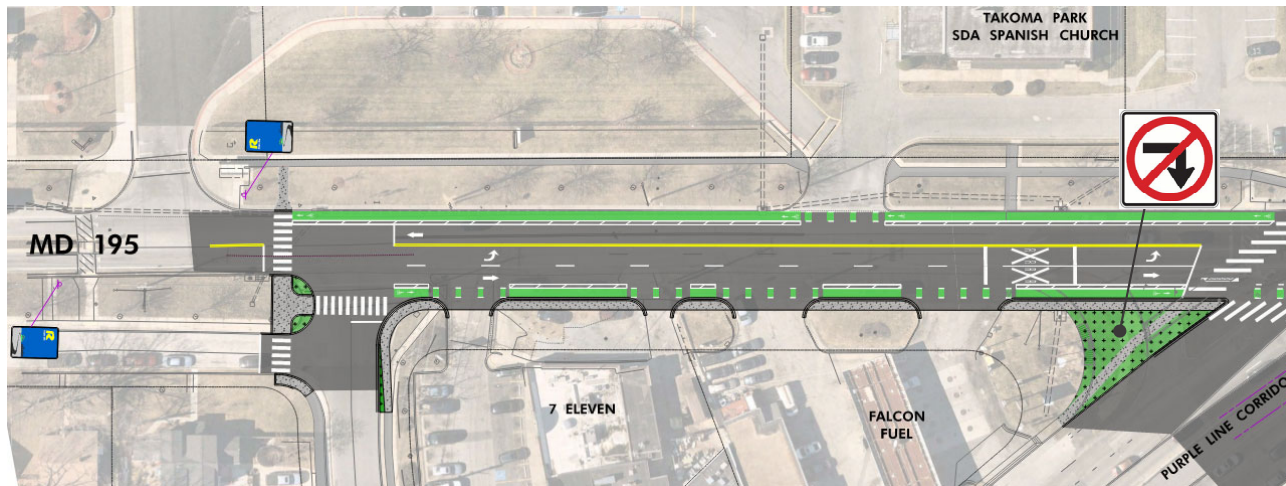
- Two-Way Cycle Track along NB lane + One-way traffic north of 11th Ave
- Two-Way Cycle Track along NB lane + No on-street parking
- Two-Way Cycle Track along NB lane + Limited on-street parking on SB lane ★
- Two-Way Cycle Track along NB lane + Limited on-street parking on NB lane ★
- Two-Way Cycle Track along SB lane + Limited on-street parking
- One-Way Cycle Track on both sides
- Shared Use Path on NB side (Existing sidewalk widening) ★



Selected for Further Consideration

Alternative A – South of University Blvd.

- One-way cycle tracks on each side
- Right turn lane removed for more walking and green space



Alternative A – South of University Blvd.

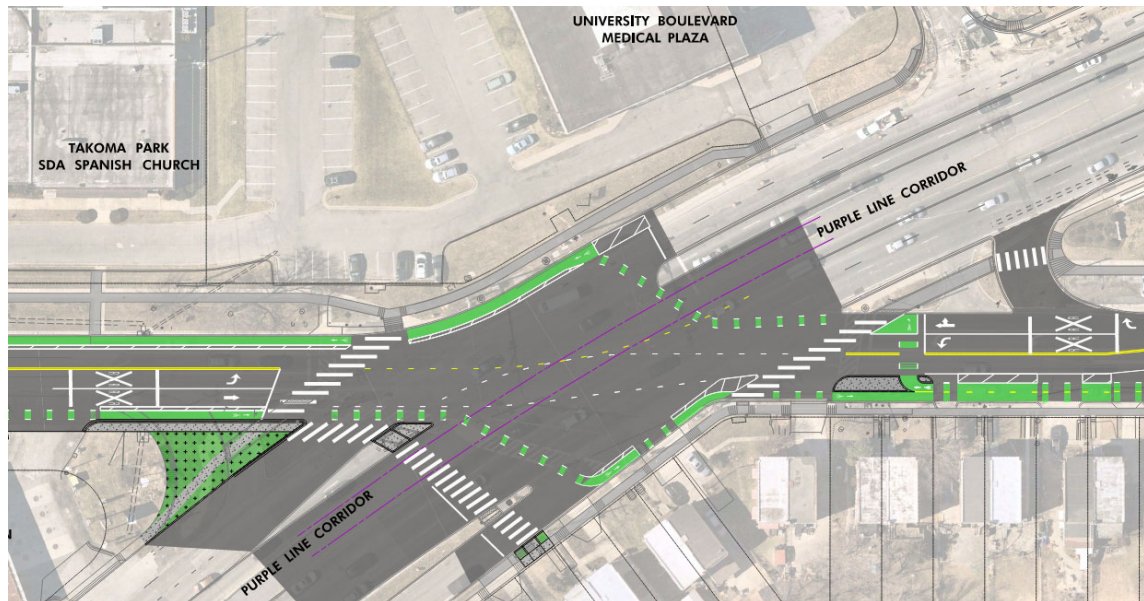


Looking north of Carroll Ave from corner of Merrimac Dr.



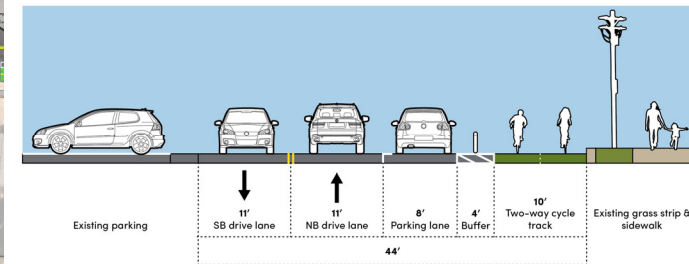
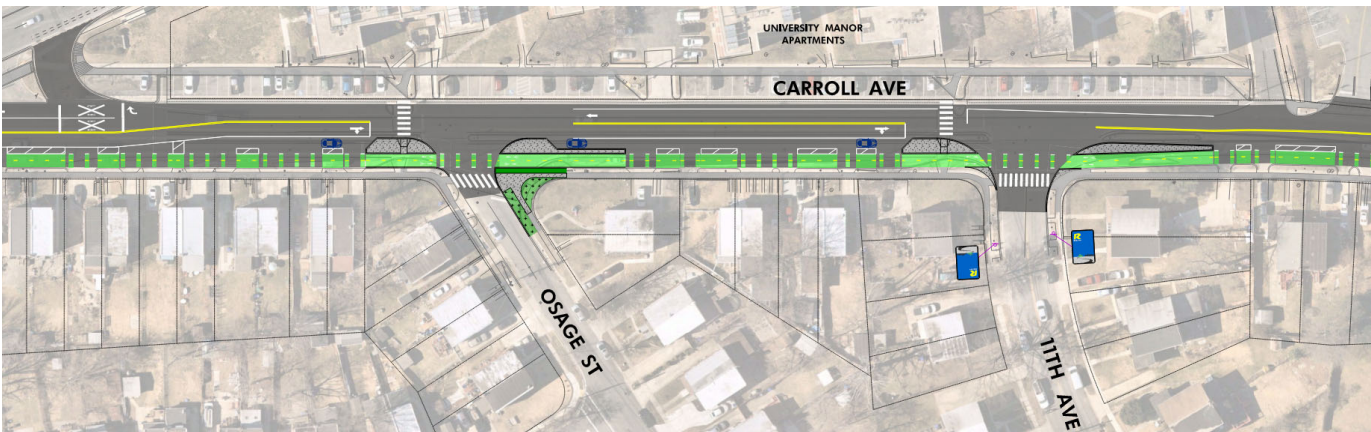
Alternative A – University Blvd Intersection

- Angled track crossing for cyclists
- One-way cycle tracks merge north of intersection



Alternative A – North of University Blvd.

- Two-way cycle track with 4' buffer and parking lane on northbound side of roadway



Alternative A – North of University Blvd.

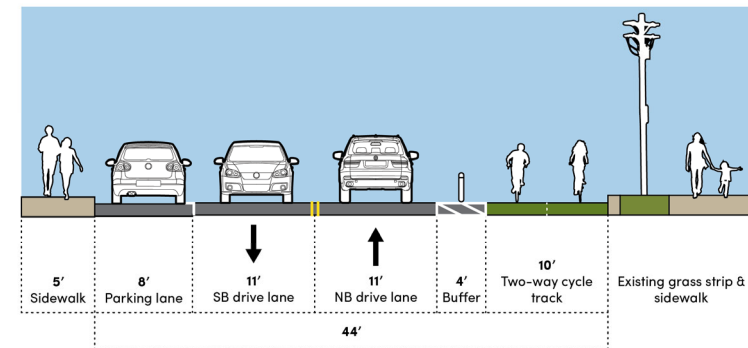


Looking north of Carroll Ave on block between Osage St and 11th Ave.



Alternative A – North of 11th Ave.

- Two-way cycle track with 4' buffer on northbound side
- Parking lane on southbound side



Alternative A – North of 11th Ave.

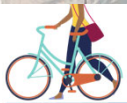
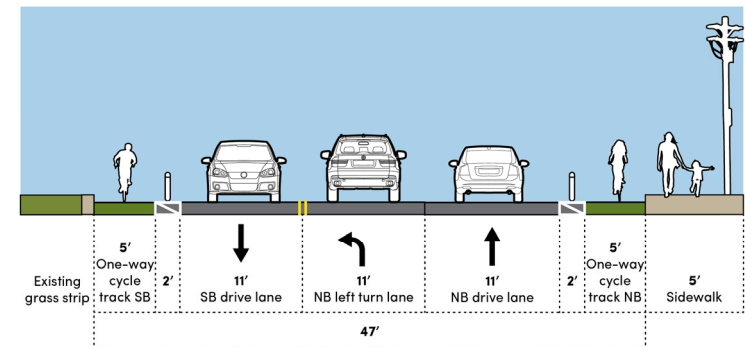
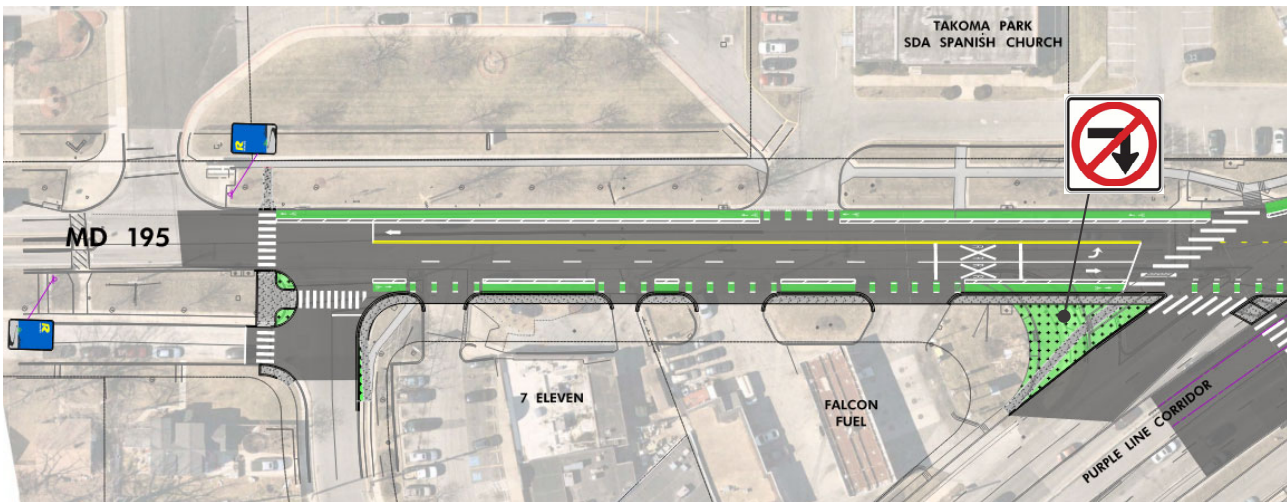


Looking north of Carroll Ave from south of elementary school parking lot main entrance



Alternative B – South of University Blvd.

- One-way cycle tracks on each side
- Right turn lane removed for more walking and green space



Alternative B – South of University Blvd.

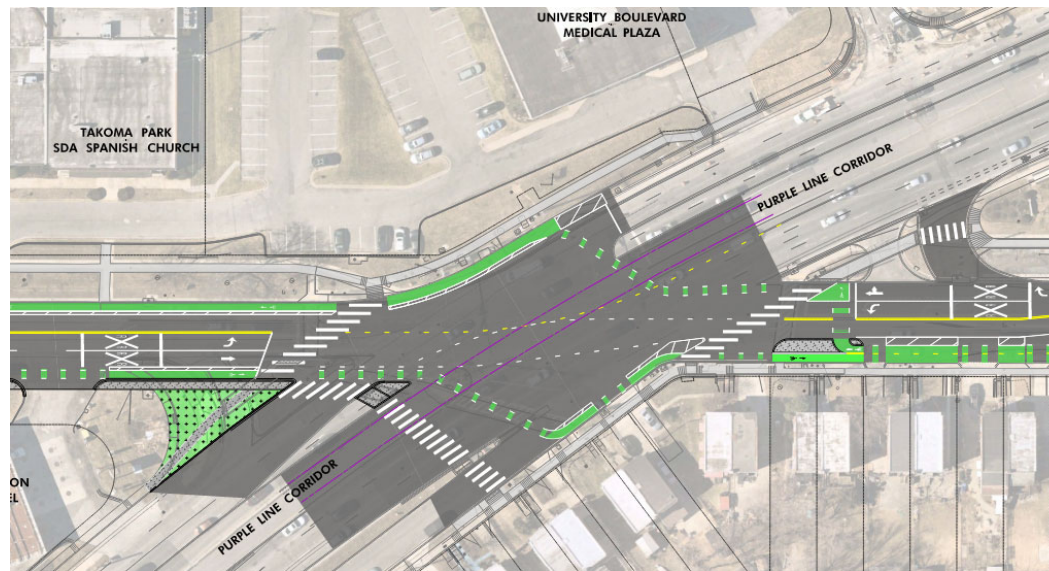


Looking north of Carroll Ave from corner of Merrimac Dr.



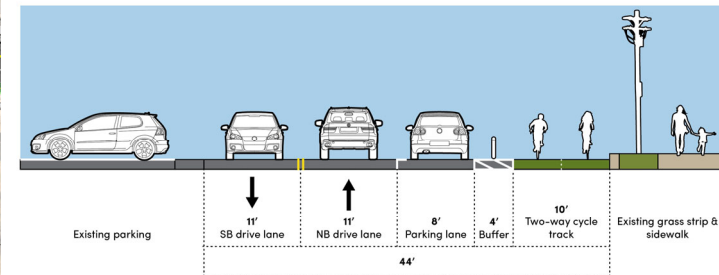
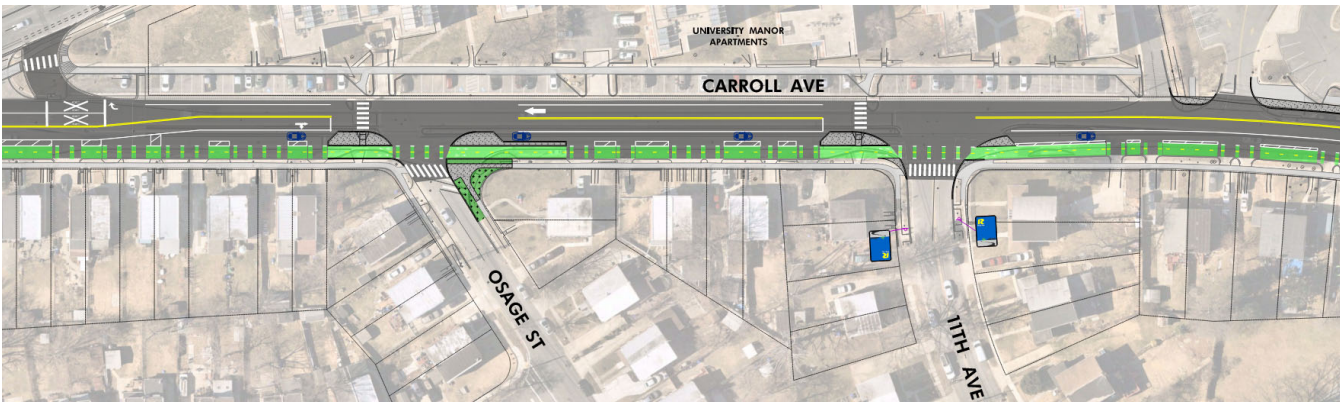
Alternative B – University Blvd Intersection

- Angled track crossing for cyclists
- One-way cycle tracks merge north of intersection



Alternative B – North of University Blvd.

- Two-way cycle track with 4' buffer and parking lane on northbound side of roadway



Alternative B – North of University Blvd.

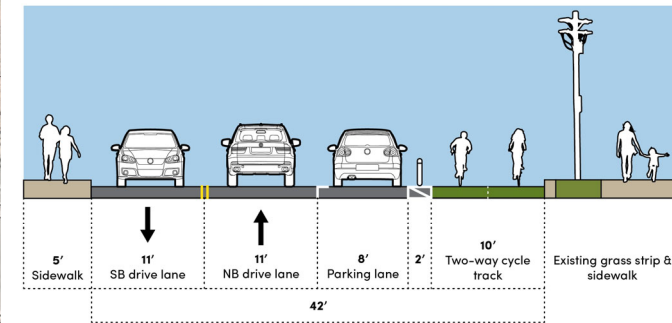
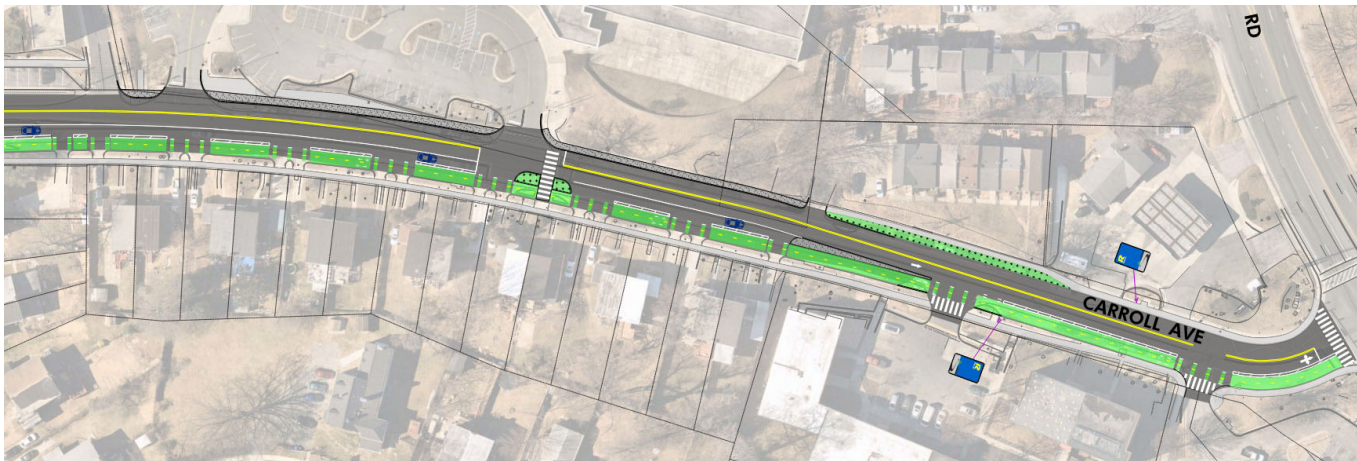


Looking north of Carroll Ave on block between Osage St and 11th Ave.



Alternative B – North of 11th Ave.

- Two-way cycle track with 4' buffer on northbound side
- Reduced parking available on northbound side of road



Alternative B – North of 11th Ave.

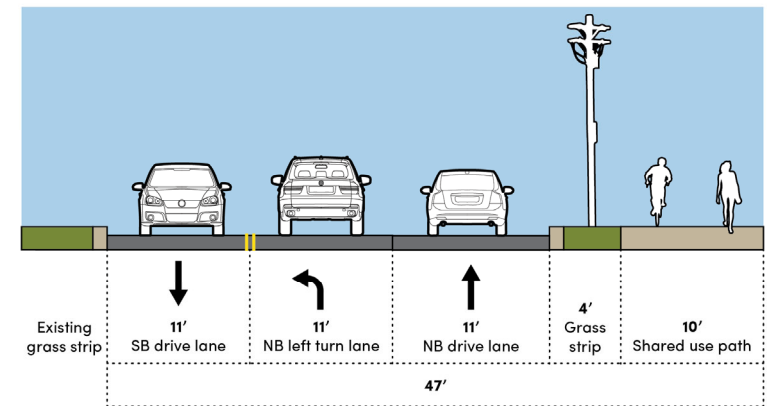
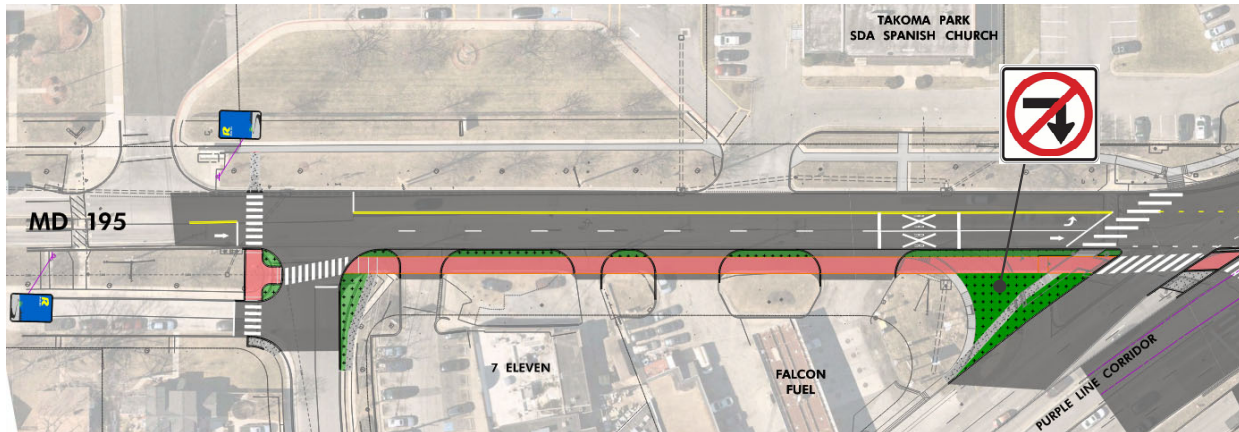


Looking north of Carroll Ave from south of elementary school parking lot main entrance.



Alternative C – South of University Blvd.

- Shared-use path with planting strip on northbound side
- Right turn lane removed for more walking and green space
- Utility poles to be relocated



Alternative C – South of University Blvd.

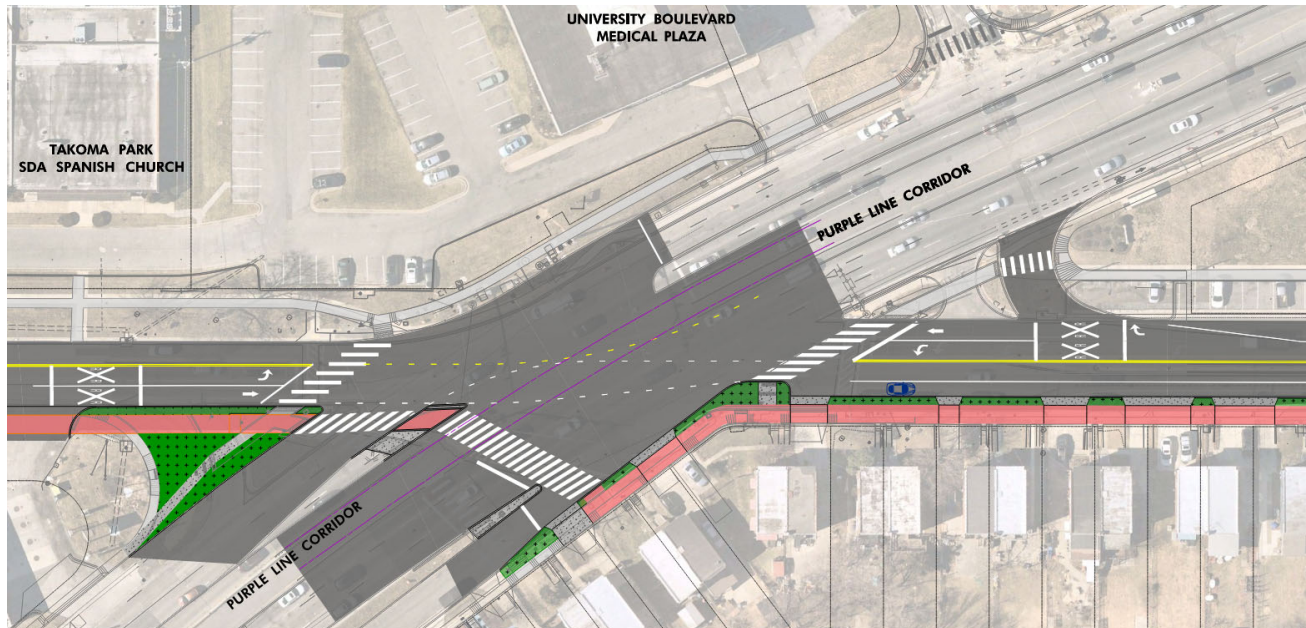


Looking north of Carroll Ave from corner of Merrimac Dr.



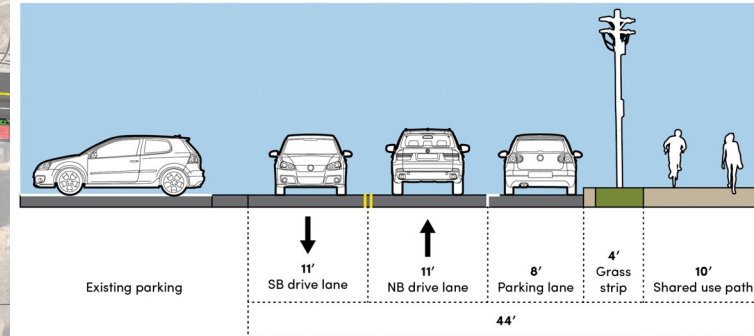
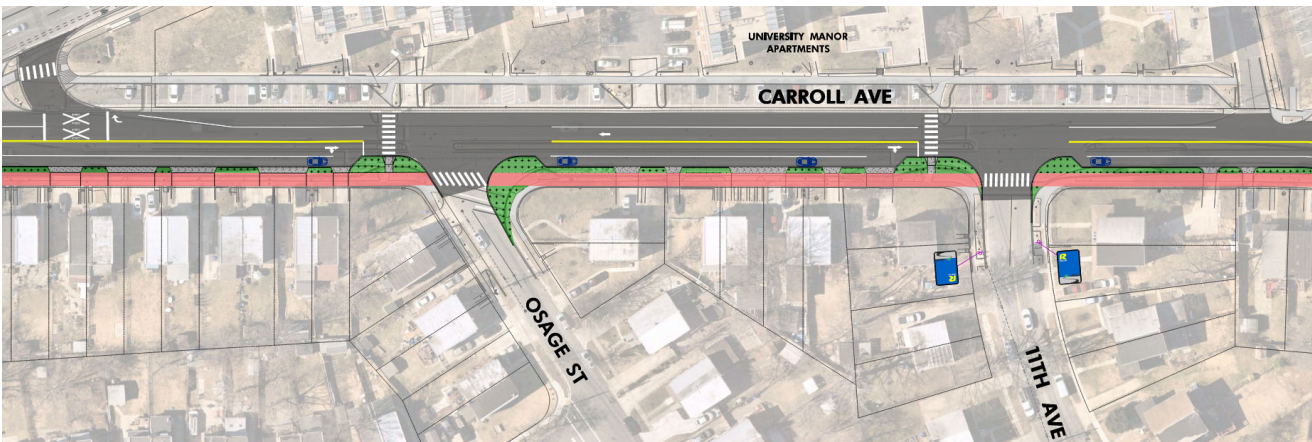
Alternative C – University Blvd Intersection

- Existing crosswalk realigned to adequate track crossing angle



Alternative C – North of University Blvd.

- Shared-use path with planting strip and parking lane on northbound side of roadway
- Utility poles to be relocated



Alternative C – North of University Blvd.

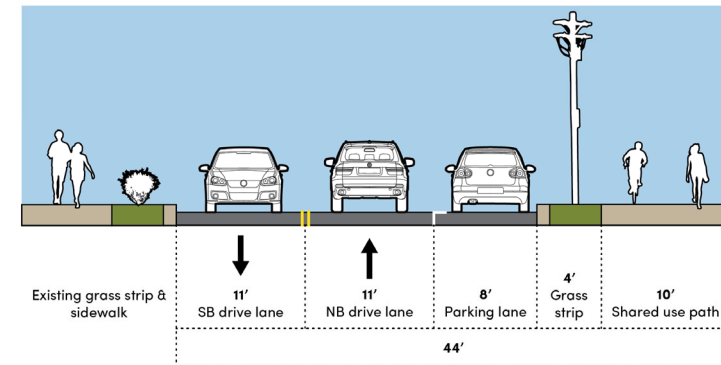


Looking north of Carroll Ave on block between Osage St and 11th Ave.



Alternative C – North of 11th Ave.

- Shared-use path with planting strip and parking lane on northbound side
- Utility poles to be relocated




Alternative C – North of 11th Ave.



Looking north of Carroll Ave from south of elementary school parking lot main entrance.



Tradeoffs Matrix

Alternative	Description									
	South of University Blvd.	North of University Blvd.	Maximizes Buffer with Vehicles	Avoids Vehicular Conflict Points	Separates Pedestrians from Cyclists	Minimizes Impacts to trees and Utilities	Minimizes Driveway Conflicts	Maximizes On-street Parking	Minimizes Excavation and Land Disturbance	Minimizes Impacts to Private Property
A	5' One-Way Cycle Tracks with 2' Buffer	10' Two-Way Cycle Track on NB Side with 4' Buffer - Parking on SB Side	● ●	● ●	● ● ●	● ● ●	● ●	● ●	● ●	● ● ●
								58% maintained		
B	5' One-Way Cycle Tracks with 2' Buffer	10' Two-Way Cycle Track on NB Side with 2'-4' Buffer - Parking on NB Side	● ●	● ●	● ● ●	● ● ●	● ●	●	● ● ●	● ● ●
								45% maintained		
C	10' Shared Use Path on NB Side	10' Shared Use Path on NB Side	● ● ●	● ● ●	●	●	●	● ● ●	●	● ● ●
								83% maintained		

● Low

● ● Medium

● ● ● High



Project Schedule

- The Carroll Avenue Separated Bike Lanes project is currently funded through 30% design.
- The selected alternative will be advanced to 30% design, and it's expected that it will be presented to the community in late 2023 or early 2024.
- Once the 30% concept design is complete, we will pursue final design as funding is available. No construction timeline is available yet.



Comments

Please submit comments:



Via email to:

Matt.Johnson@MontgomeryCountyMD.gov



Online at the Story Map – Link on the project webpage



Or in writing by mail to:

Matt Johnson
MCDOT Transportation Engineering
100 Edison Park Drive, 4th Floor
Gaithersburg, MD 20878





Comments

The public comment period will remain open until
5 p.m. on **Friday, March 24, 2023.**



MCOT
Montgomery County
Department of Transportation

Discussion

Thank you for your attention to this presentation

We welcome your feedback and appreciate your comments on the proposed alternatives

