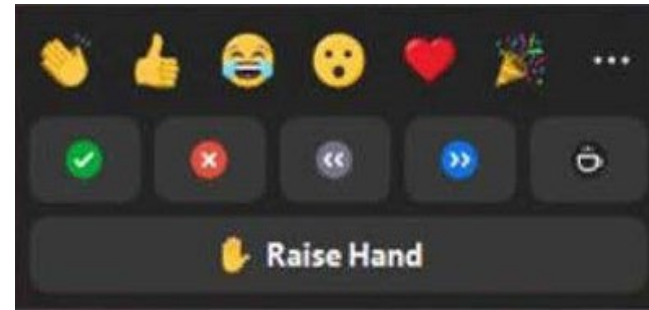


Zoom Meeting Controls

- All Microphones have been muted and cameras turned off. To reduce the bandwidth of tonight's meeting, please do not turn on your video camera.
- Following tonight's presentation, there will be a Question-and-Answer session if time allows. Please wait until the presentation ends to raise your hand to ask a question. Alternatively, you may type your question into the chat box at any time during the presentation. **Please send all chat messages to our Host this evening, Lori Main.**
- To raise your hand, please click on the "Reactions" icon at the bottom of your screen, and then click "Raise Hand."
- If you called into tonight's meeting via telephone, press ***9 to raise your hand** and ***6 to unmute yourself**.



Cherry Hill Road Bike Facility



Old Columbia Pike to
Montgomery/Prince
George's County Line

Public Meeting Presentation, March 12, 2024

Life of a Transportation Project

We Are Here

1 FACILITY PLANNING PHASE I

- Collect Data
- Obtain Public Input
- Develop Concept Plans
- Evaluate and Select Preferred Alignment / Typical Section
- Obtain Approvals From:
 - Director
 - County Council T & E Committee

2 FACILITY PLANNING PHASE II

- Develop Preliminary Contract Documents (35% Level of Completion)
 - Design Plans
 - Cost Estimates
 - Project Schedule
- Submit to County Executive and County Council for:
 - Final Design Decisions
 - Construction Funding in Capital Improvement Program (CIP)

3 FINAL DESIGN & CONSTRUCTION

- If approved for full funding and included in CIP, final design will be completed and project will be constructed.

Cherry Hill Road Bike Facility

Agenda

- Project Background
- Existing Conditions
- Traffic Analysis
- Proposed Alternatives
- Typical Sections
- Schedule
- Questions

Cherry Hill Road Bike Facility



Cherry Hill Road Bike Facility

Project Background

- The Montgomery County Bicycle Master Plan – 2018
 - Tier 1 Bikeway – Separated Bike Lanes (Two-Way, South Side)
 - Bike facility that operates on one side of the roadway.



National Association of City Transportation Officials - NACTO



Woodmont Avenue Cycle Track - Bethesda



Cherry Hill Road Bike Facility

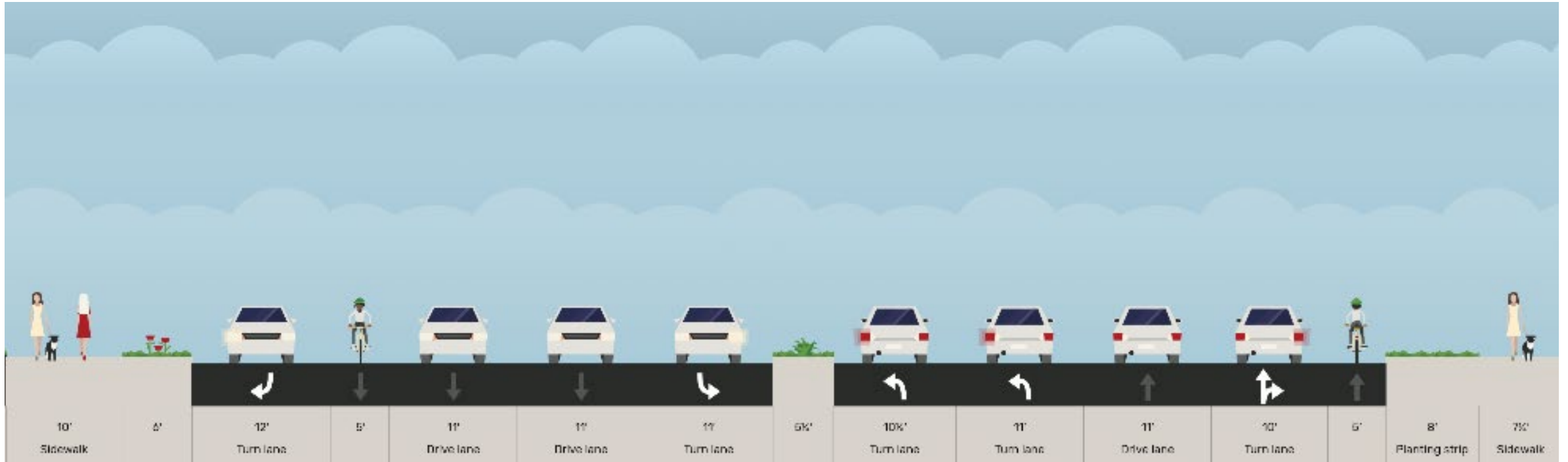
Existing Conditions

- Cherry Hill Road (Town Center Boulevard) / E. Randolph Road (Boulevard)
 - Four to Five Lane, undivided with a dual center left turn lane.
 - Six Signalized Intersections, Two Unsignalized Intersections
 - Posted Speed Limit = 40 MPH
 - Conventional Bike Lanes (4 to 5 ft.)
- Public Right-of-Way
 - Cherry Hill Road - 90 ft.
 - E. Randolph Road – 80 ft.
 - Master Plan notes additional Right-of-Way required for facility installation
- Surrounding Land Use
 - Commercial (Shopping Centers, Auto Retail) – South Side
 - Residential – North Side



Cherry Hill Road Bike Facility

Existing Conditions

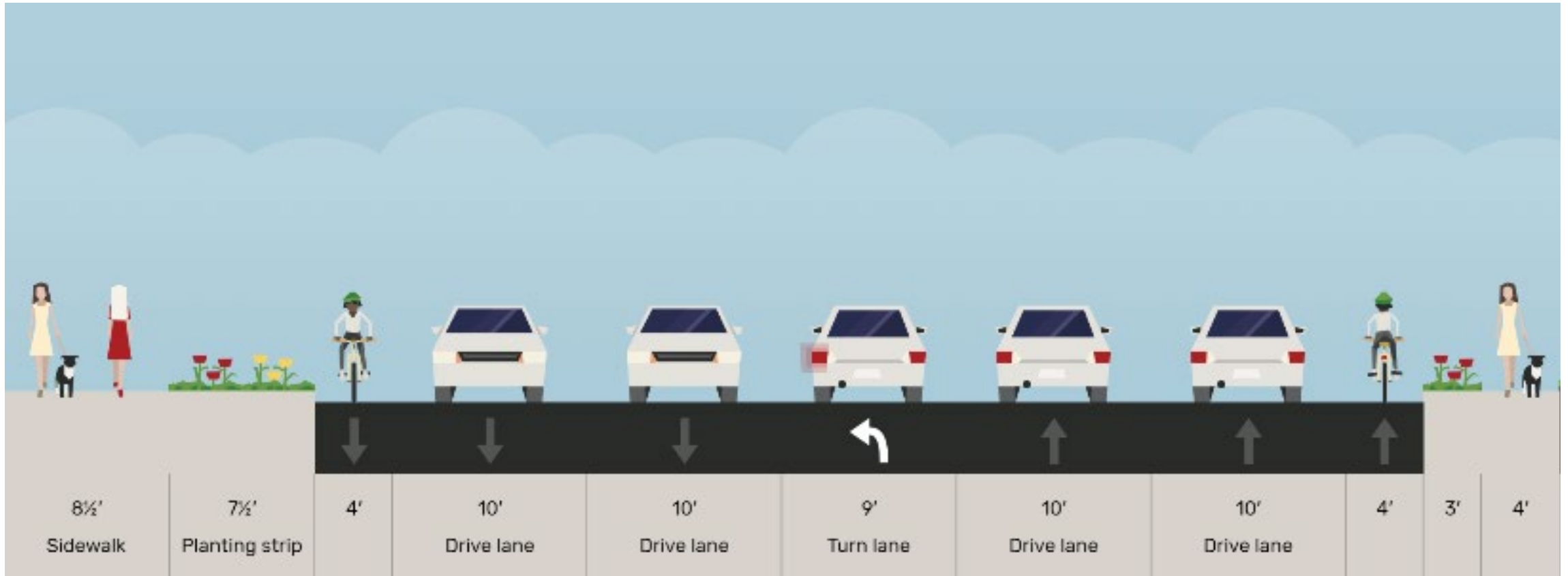


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Existing Conditions

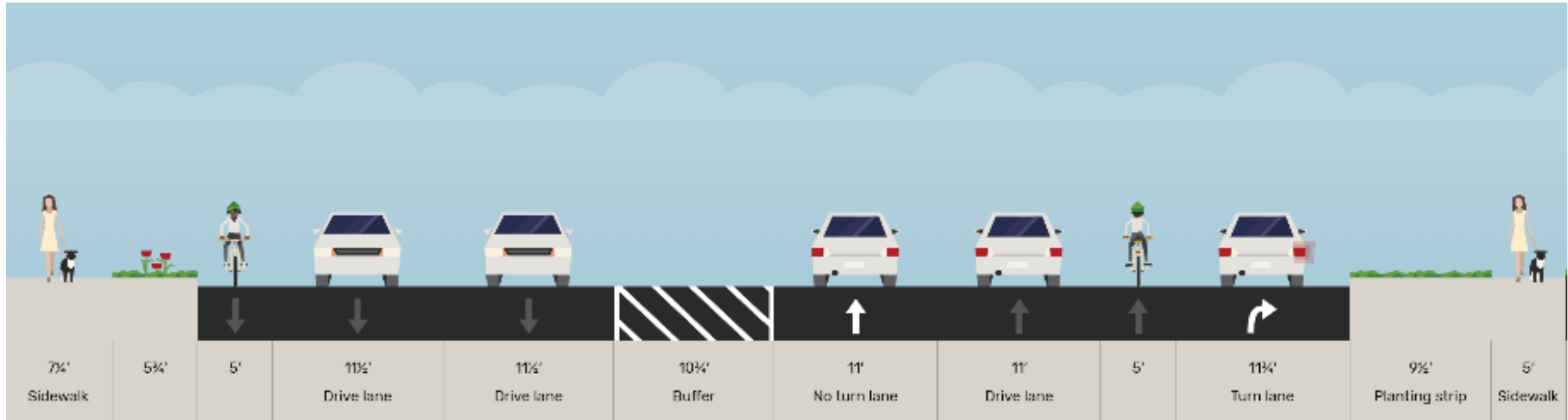


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Cherry Hill Road Bike Facility

Existing Conditions



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Cherry Hill Road Bike Facility

Traffic Analysis

- Traffic Data Collection
 - 13-HR Turning Movement Counts at all intersections
- Traffic Analysis
 - Evaluated vehicular and pedestrian signal timings
 - Evaluated surrounding land uses and future developments
 - Analyzed intersection capacity based on alternative designs
 - Conducted queuing analysis based on alternative designs
- Traffic Study
 - Completed in December 2023

Cherry Hill Road Bike Facility

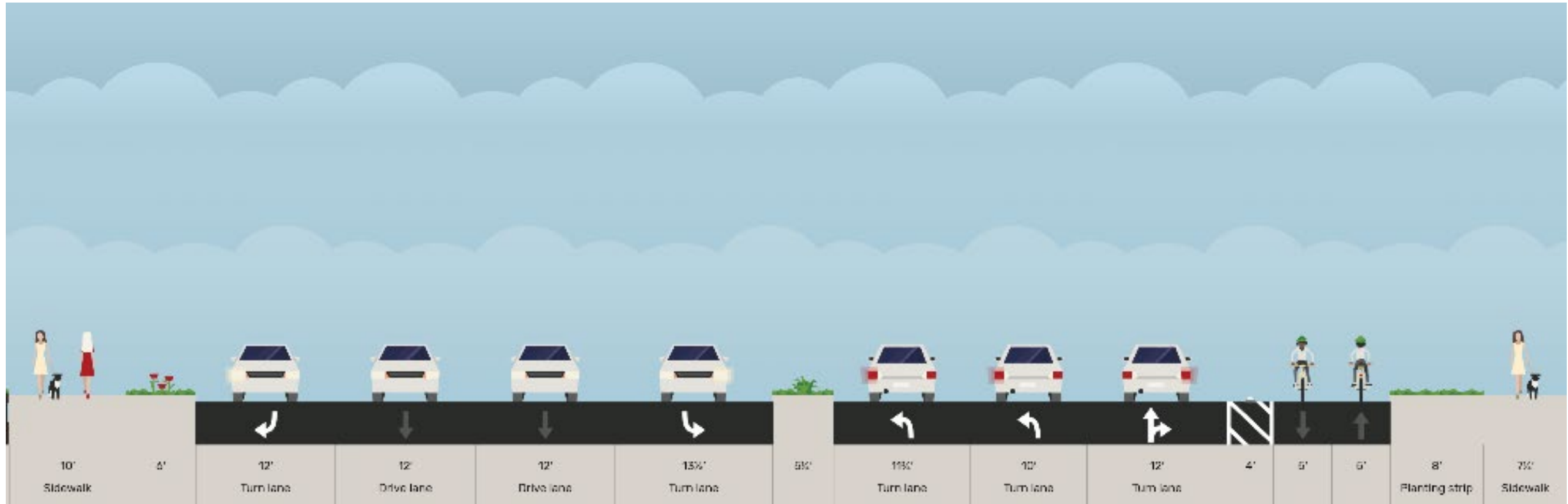
Proposed Alternatives

- Alternative One – Two-Way Cycle Track South Side (Lane Reduction)
 - Evaluated removing one travel lane for the eastbound direction
 - Two-way separated bike lanes on the south side
 - Reduces widening and impacts to Right-of-Way
- Alternative Two – Two-Way Cycle Track South Side
 - Maintain existing lanes for both directions
 - Two-Way separated bike lanes on the south side
 - Significant roadway widening and impacts to Right-of-Way
- Alternative Three – Separated Bike Lanes
 - Maintains bike lanes for each direction, with addition of buffer space
 - Minimal roadway widening and impacts to Right-of-Way



Cherry Hill Road Bike Facility

Proposed Alternative 1 – west of US 29

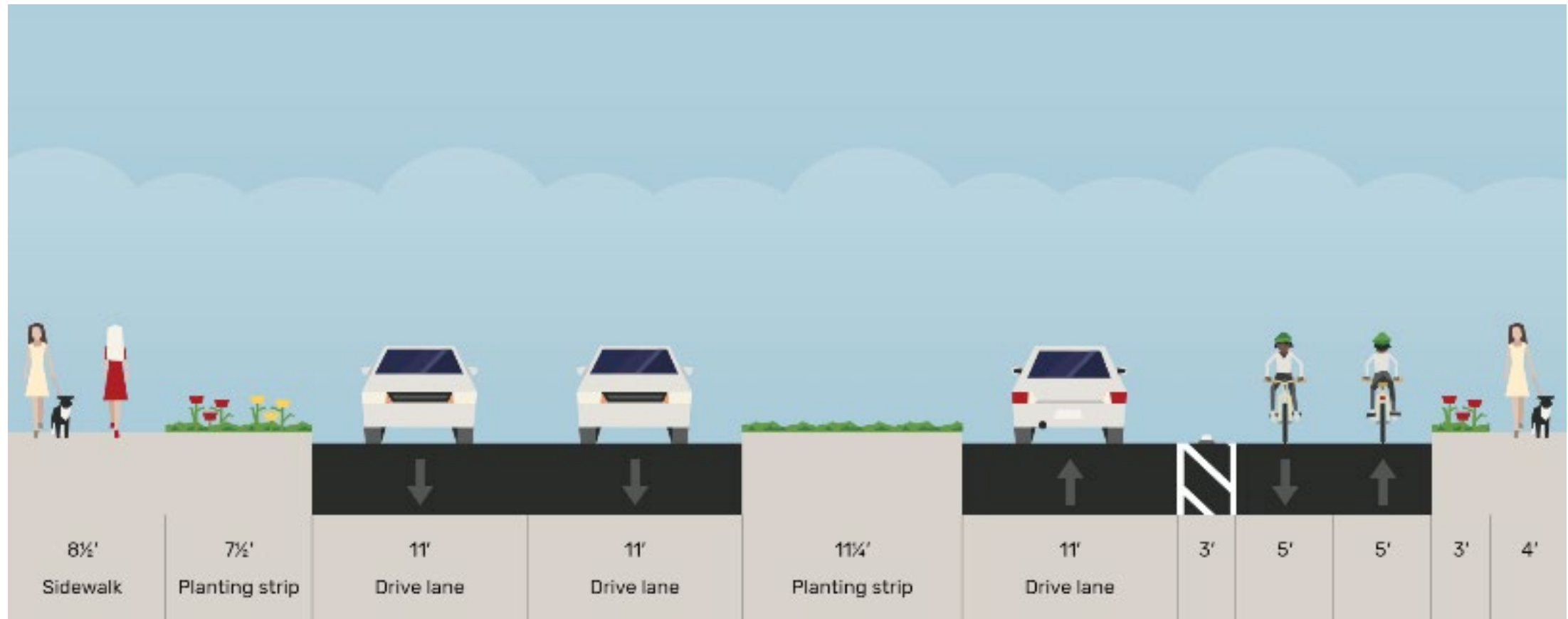


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Cherry Hill Road Bike Facility

Proposed Alternative 1 – west of O’Fallon St.

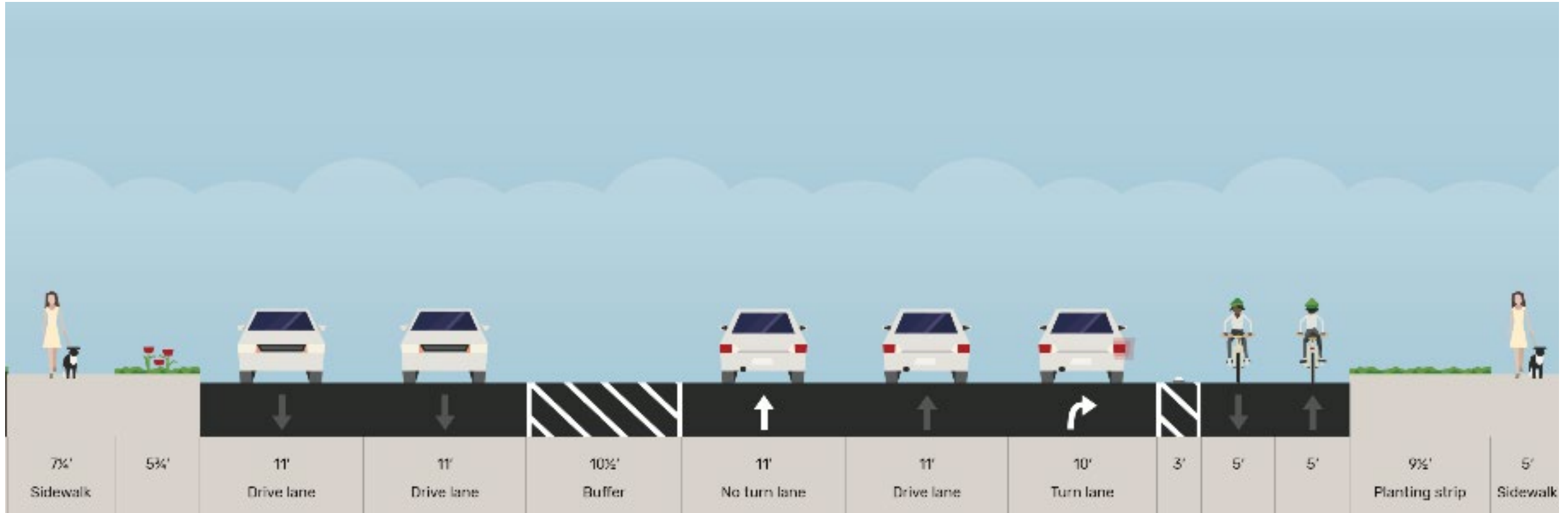


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Cherry Hill Road Bike Facility

Proposed Alternative 1 – west of FDA Blvd.

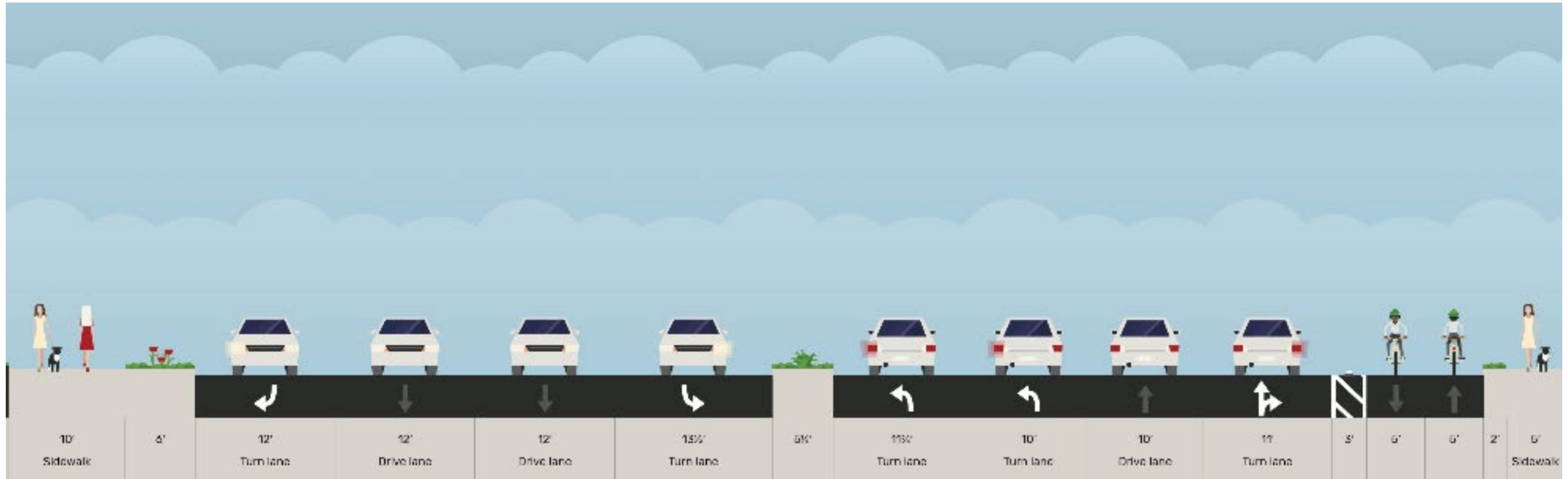


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Cherry Hill Road Bike Facility

Proposed Alternative 2 – west of US 29

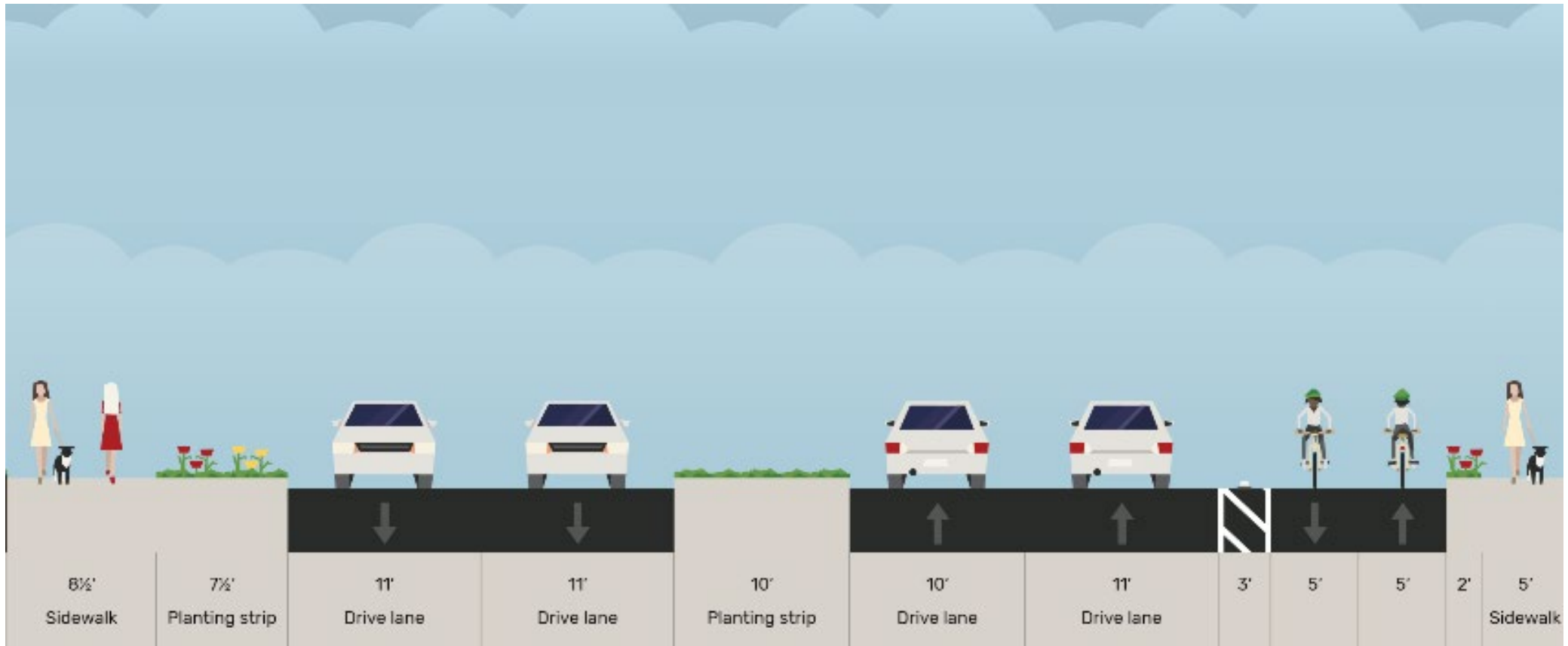


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Cherry Hill Road Bike Facility

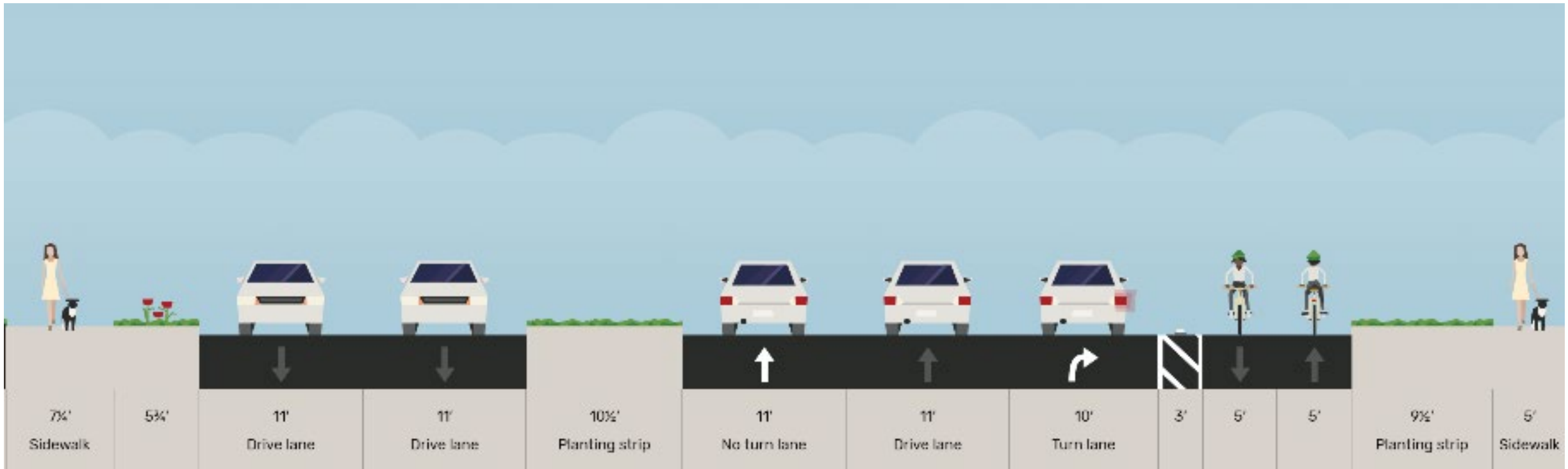
Proposed Alternative 2 – west of O’Fallon St.



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Cherry Hill Road Bike Facility

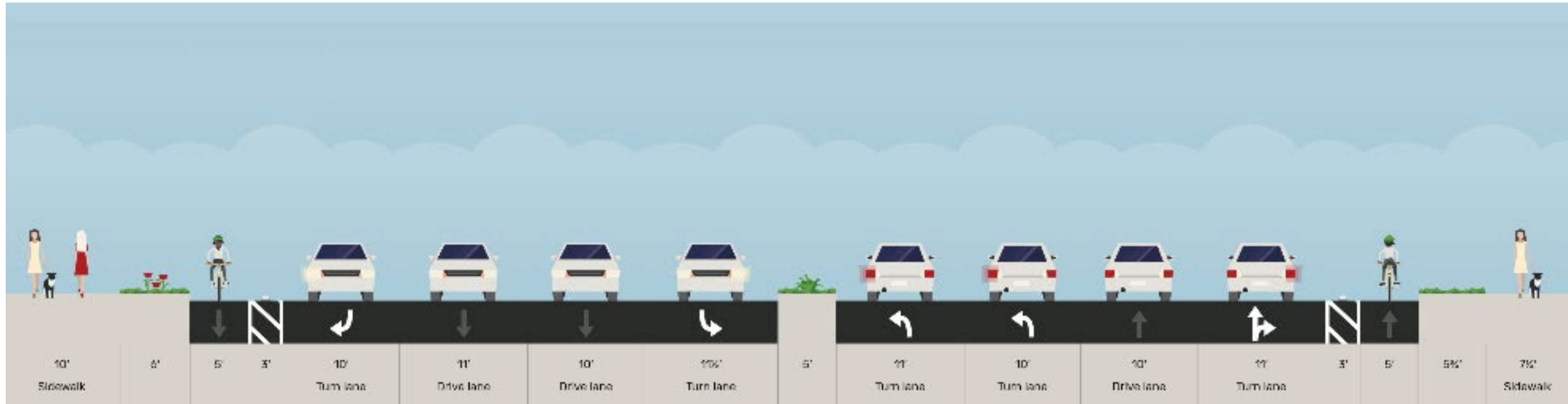
Proposed Alternative 2 – west of FDA Blvd.



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Cherry Hill Road Bike Facility

Proposed Alternative 3 – west of US 29

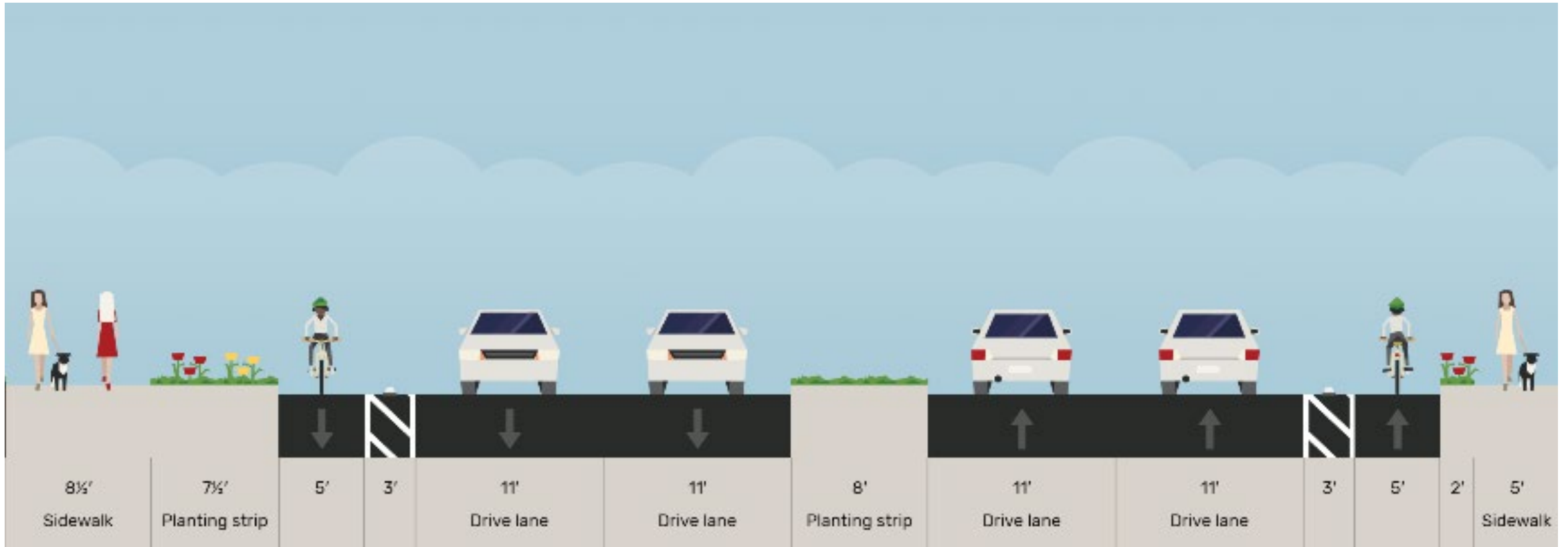


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Proposed Alternative 3 – west of O’Fallon St.

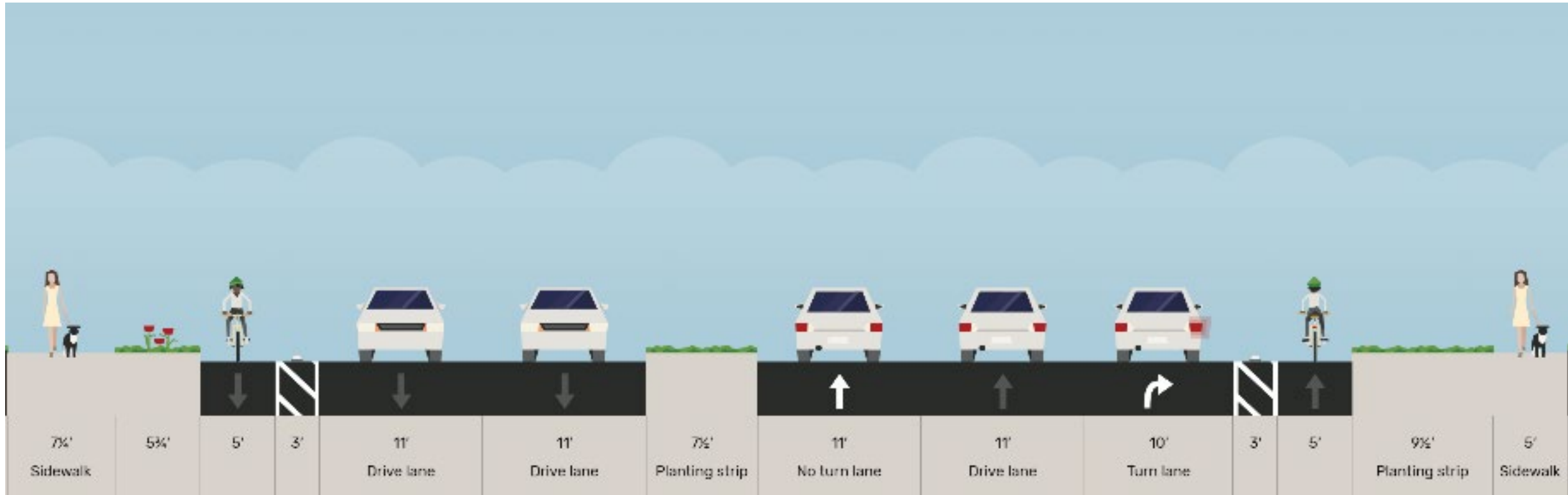


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Cherry Hill Road Bike Facility

Proposed Alternative – west of FDA Blvd.



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Cherry Hill Road Bike Facility

Proposed Alternatives Summary

- Alternative One – Two-Way Cycle Track South Side (Lane Reduction)
 - Significant impact to Level of Service (LOS) throughout the corridor
 - Queue failures during both peak hours at multiple intersection
 - Storage capacity exceeded at majority of intersections
- Alternative Two – Two-Way Cycle Track South Side
 - Overall reduction in LOS only at Broadbirch/Calverton Blvd.
 - No storage capacity issues
- Alternative Three – Separated Bike Lanes
 - Operational and queuing analysis consistent with Alternative 2



Cherry Hill Road Bike Facility

Schedule

- 3 Preliminary Alternatives Developed – January 2024
- First Public Meeting – March 2024
- 30% Design of Selected Alternative – November 2024
- Final Design & Construction – TBD

Construction timing is contingent on funding in the Capital Budget

Cherry Hill Road Bike Facility



Questions



Contact Us

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 - Email: Khursheed.Bilgrami@montgomerycountymd.gov
 - Phone: 240-777-7266
 - By Mail: Montgomery County Department of Transportation
Division of Transportation Engineering
100 Edison Park Drive, 4th Floor
Gaithersburg, MD 20878
- <https://www.montgomerycountymd.gov/dot-dte/projects/CherryHillRd/index.html>
- Public Comments Form