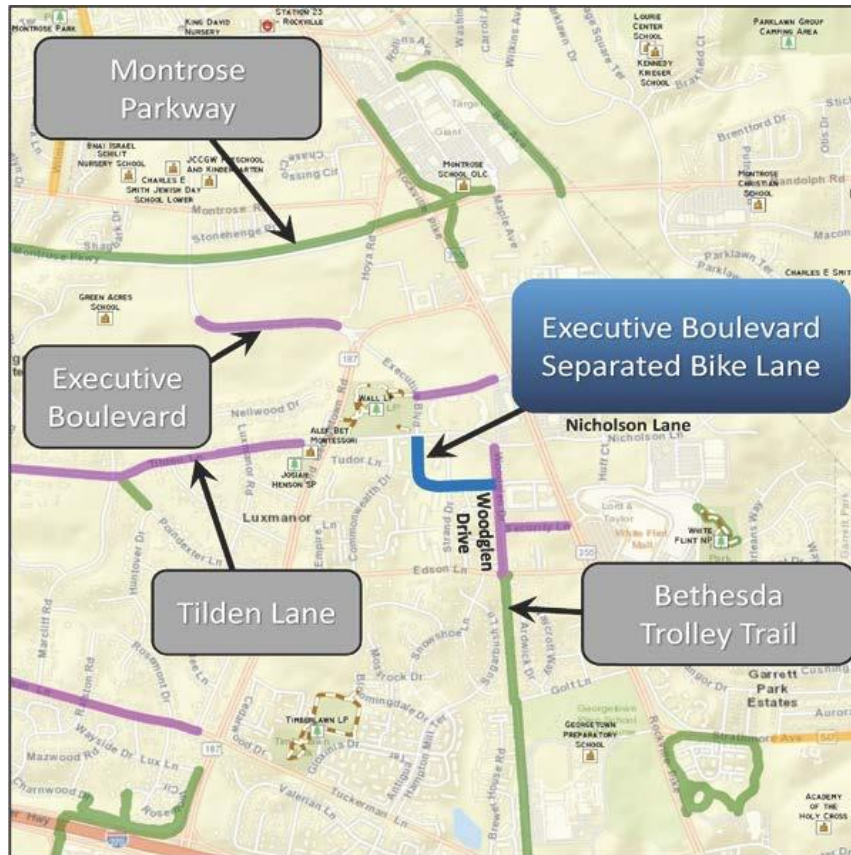


Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

August 13, 2018



Existing Executive Boulevard looking south from Nicholson Lane

Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

Project Objective

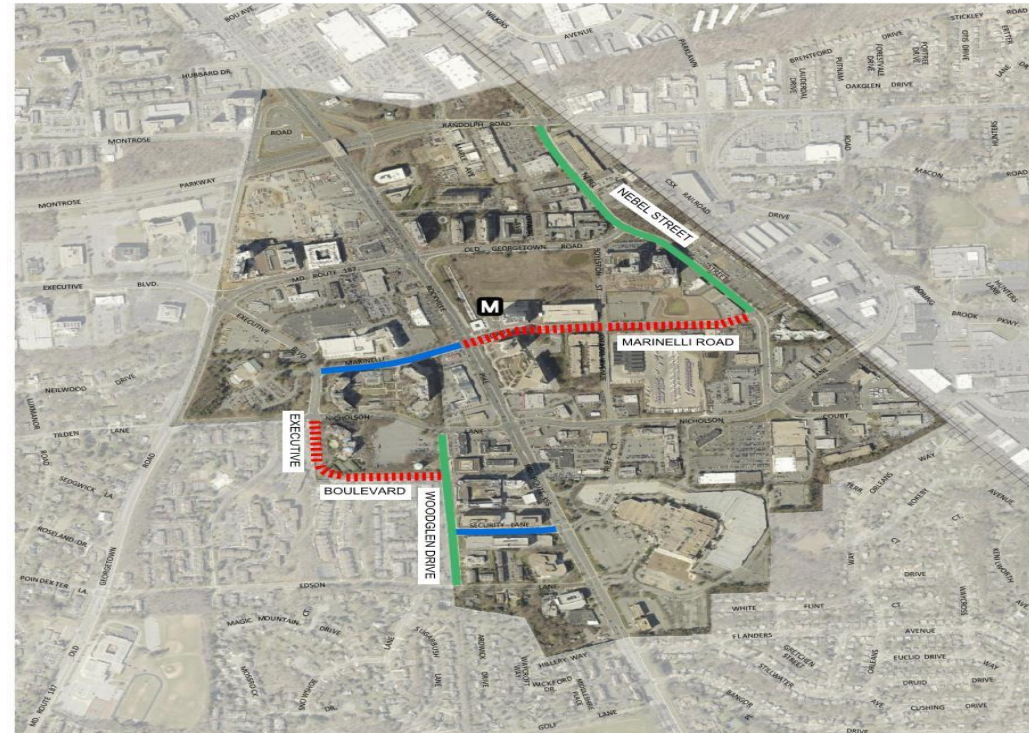
To provide a safe bicycle facility along Executive Boulevard which would enhance the connectivity of the bikeway network in the White Flint Area.






To improve pedestrian safety

Project Scope

To provide one way 5 ft to 6 ft wide separated bike lanes along Executive Boulevard from Woodglen Drive to Nicholson Lane.

New Bikeways



-  White Flint Sector Plan Area Boundary
-  White Flint Metro Station
-  Protected Bike Lanes
-  Bike Lanes
-  Future Protected Bike Lanes

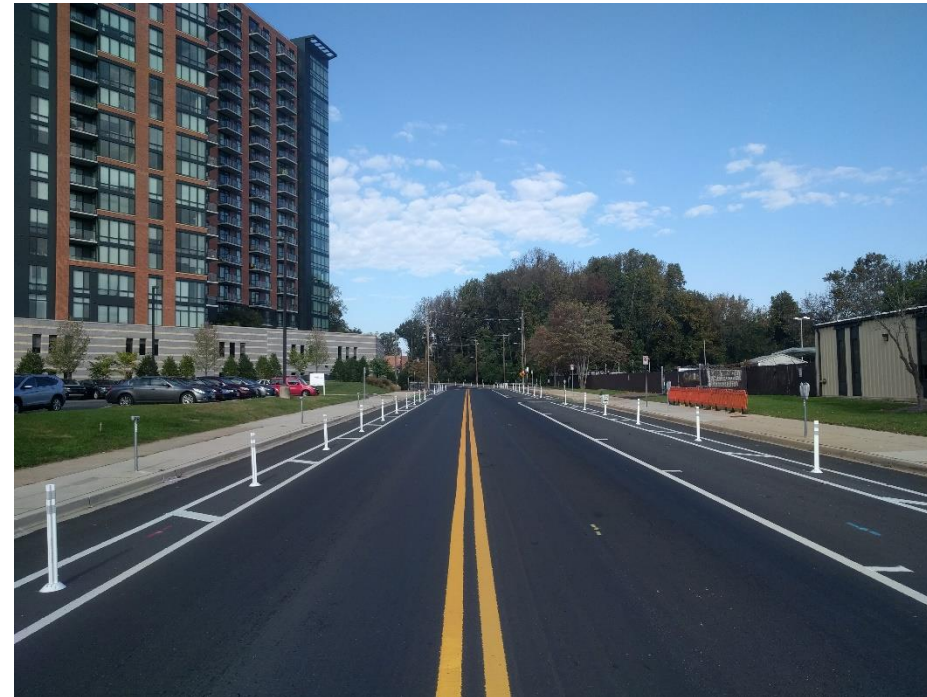


Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

Definition of Separated Bike Lane

An exclusive space for bicyclists along or within a roadway that is physically separated from motor vehicles and pedestrians by vertical elements.



Nebel Street Separated Bike Lanes

Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

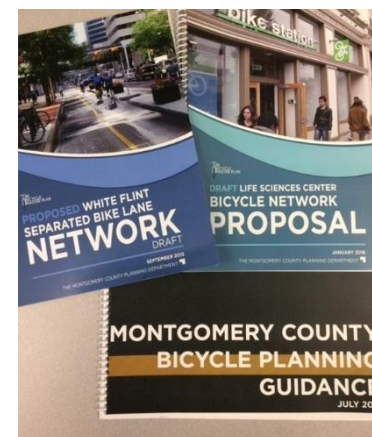
Project Background

- Included in White Flint Separated Bike Lane Network by M-NCPPC in September 2015
- Supported by Elected Officials, Bike Advocacy Groups (Washington Area Bicyclists Association) and Citizen Advocacy Groups (Friends of White Flint)



- Park and Planning has begun developing an Updated Master Plan of bikeways with emphasis placed on bicycle travel as a means of transportation and new approaches to multimodal transportation analysis
- The plan's purpose is to develop a low stress bicycle network that can make cycling a viable choice

Update to the 2005 Plan



Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

Various ways MCDOT implements bicycle facilities



Towards Implementation!



Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

Project Design

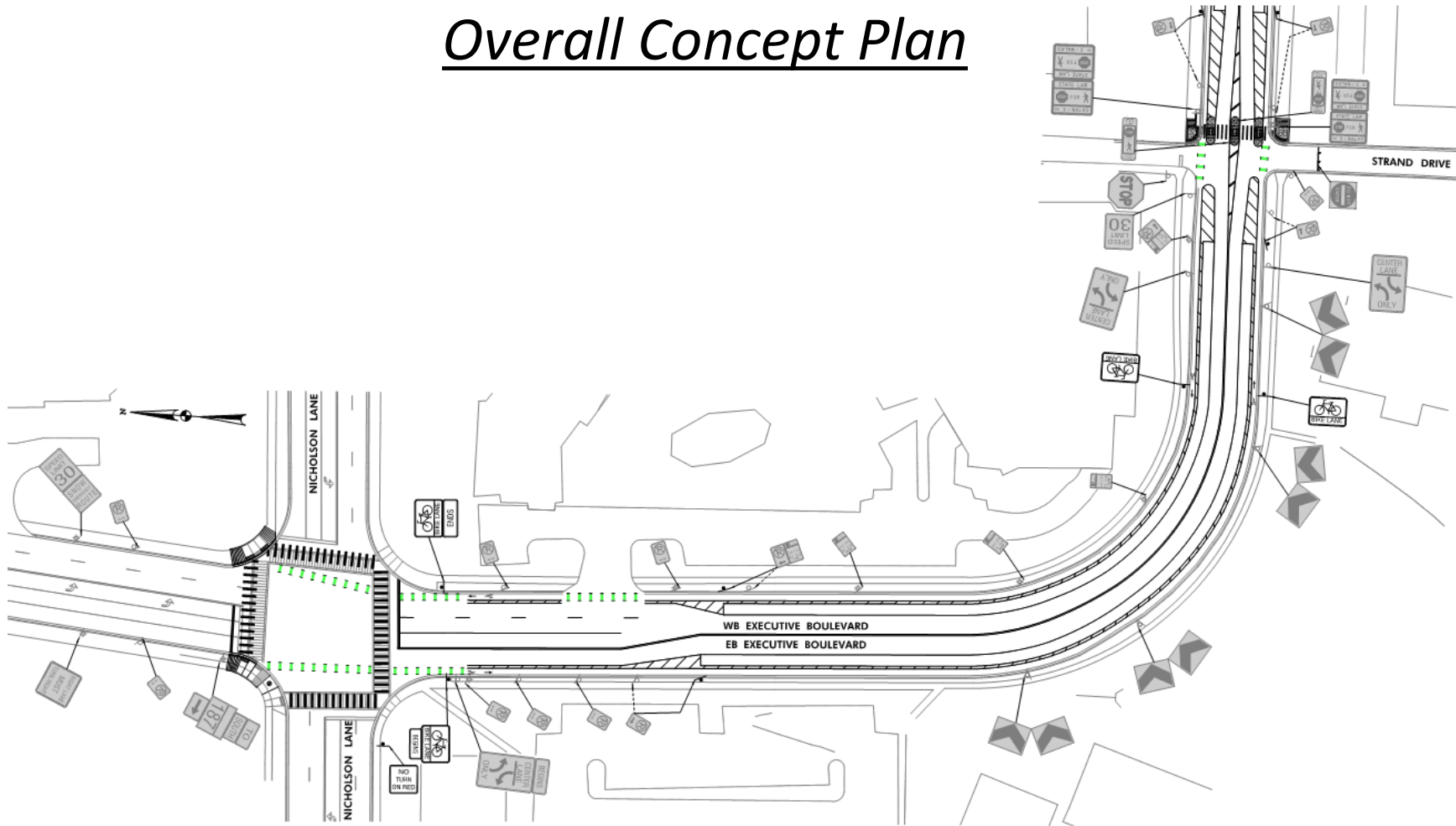
1. Installation of 5 to 6 foot wide Separated One Way Bike Lanes
 - Project length is approx. 1500 linear feet
 - 2 foot striped buffer area in both directions (6 inch high concrete median in lieu of flexposts)
2. Resurfacing to include new pavement markings, including green pavement
3. Removal of eastbound Executive to northbound Woodglen Drive



Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

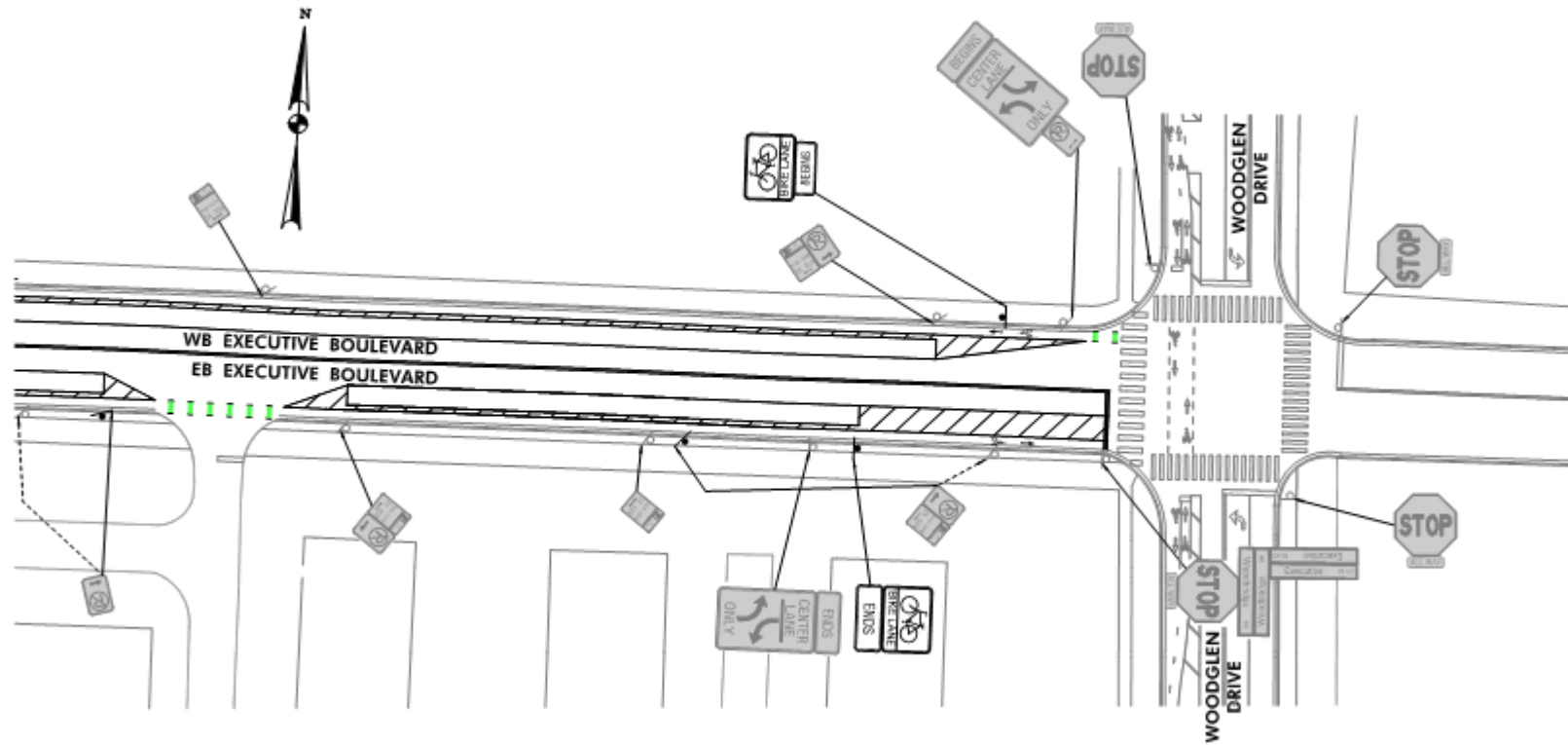
Overall Concept Plan



Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

Overall Concept Plan - Continued

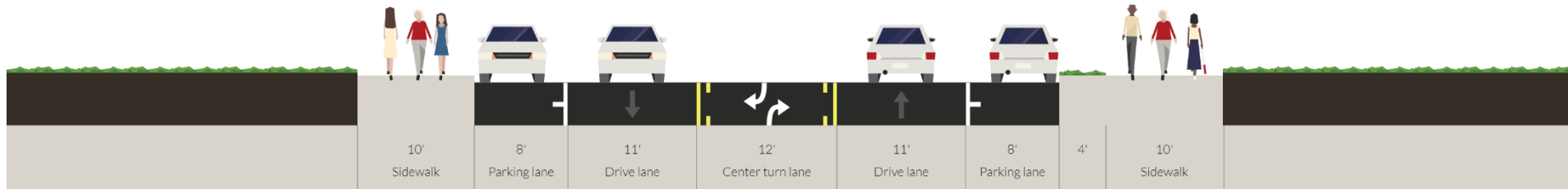


Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

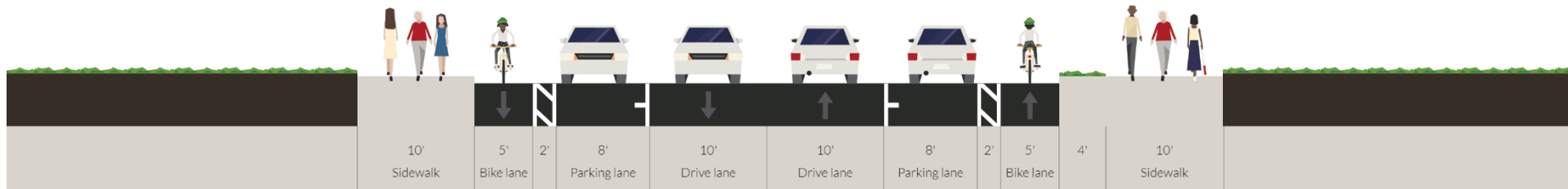
Typical Section

Executive Boulevard



Existing – Typical Section

Executive Boulevard



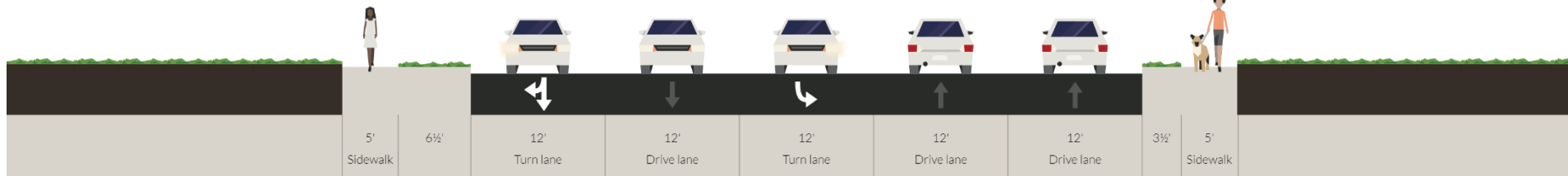
Proposed – Typical Section

Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

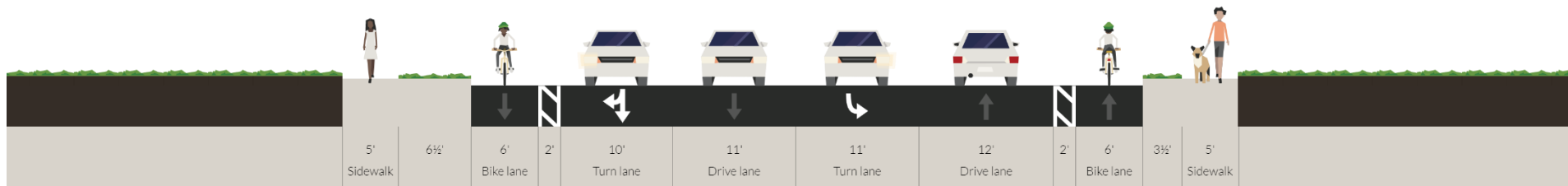
Typical Section

Executive Boulevard at Nicholson Lane



Existing – Typical Section

Executive Boulevard at Nicholson Lane



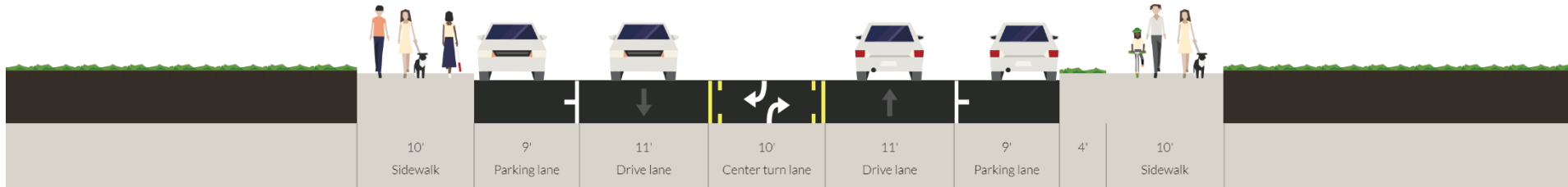
Proposed – Typical Section

Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

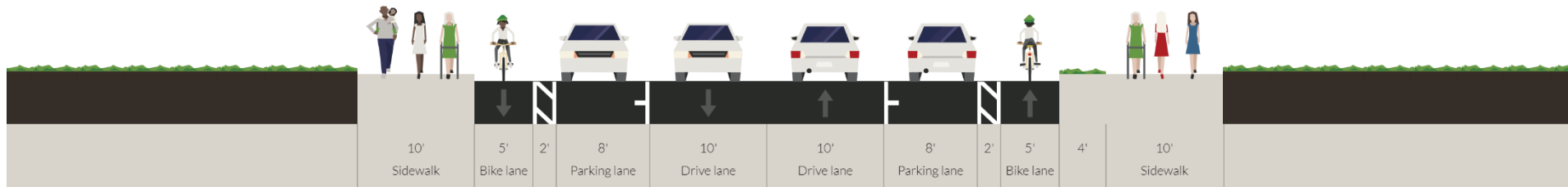
Typical Section

Executive Boulevard at Woodglen Drive



Existing – Typical Section

Executive Boulevard at Woodglen Drive



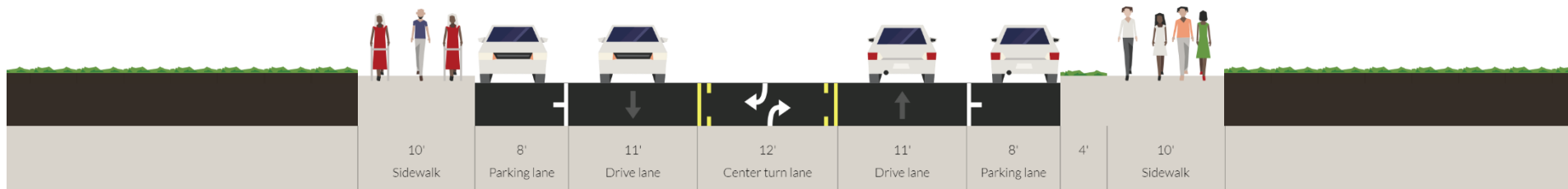
Proposed – Typical Section

Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

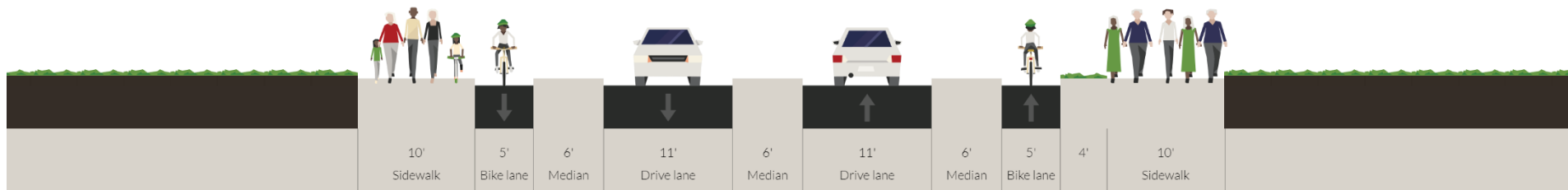
Typical Section

Executive Boulevard at Strand Drive



Existing – Typical Section

Executive Boulevard at Strand Drive

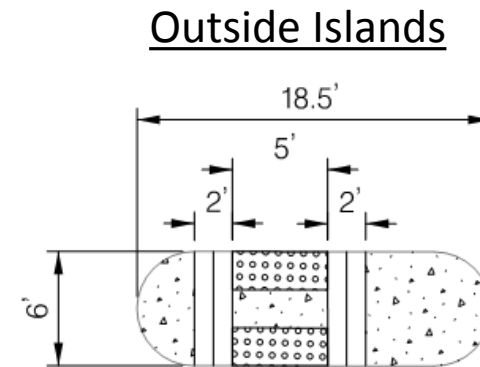
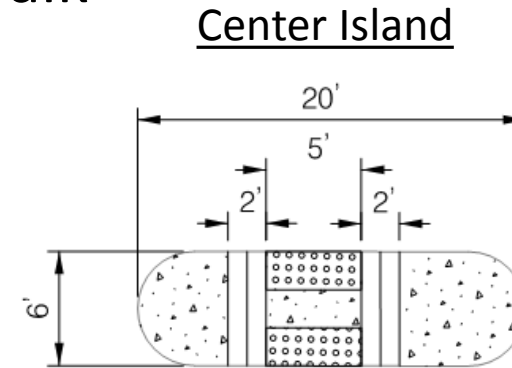
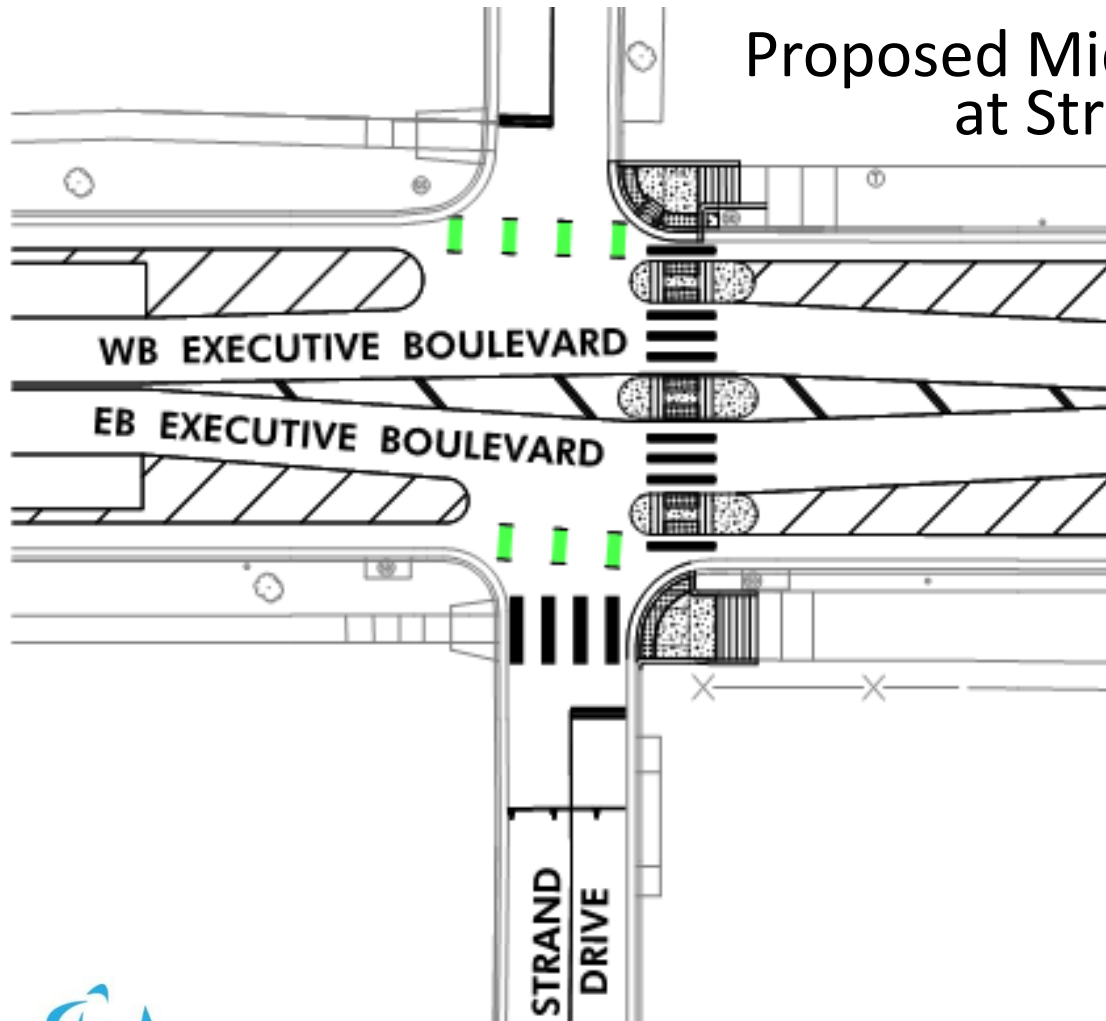


Proposed – Typical Section

Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

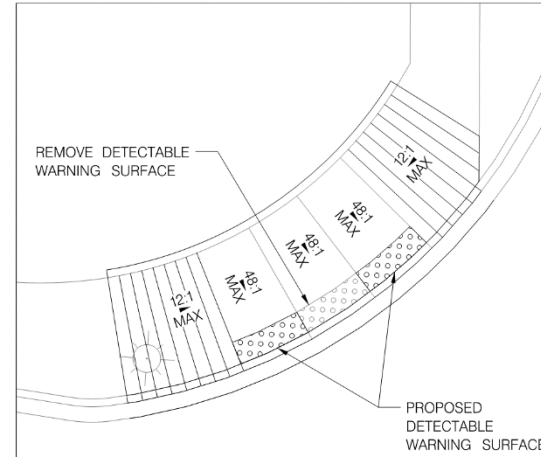
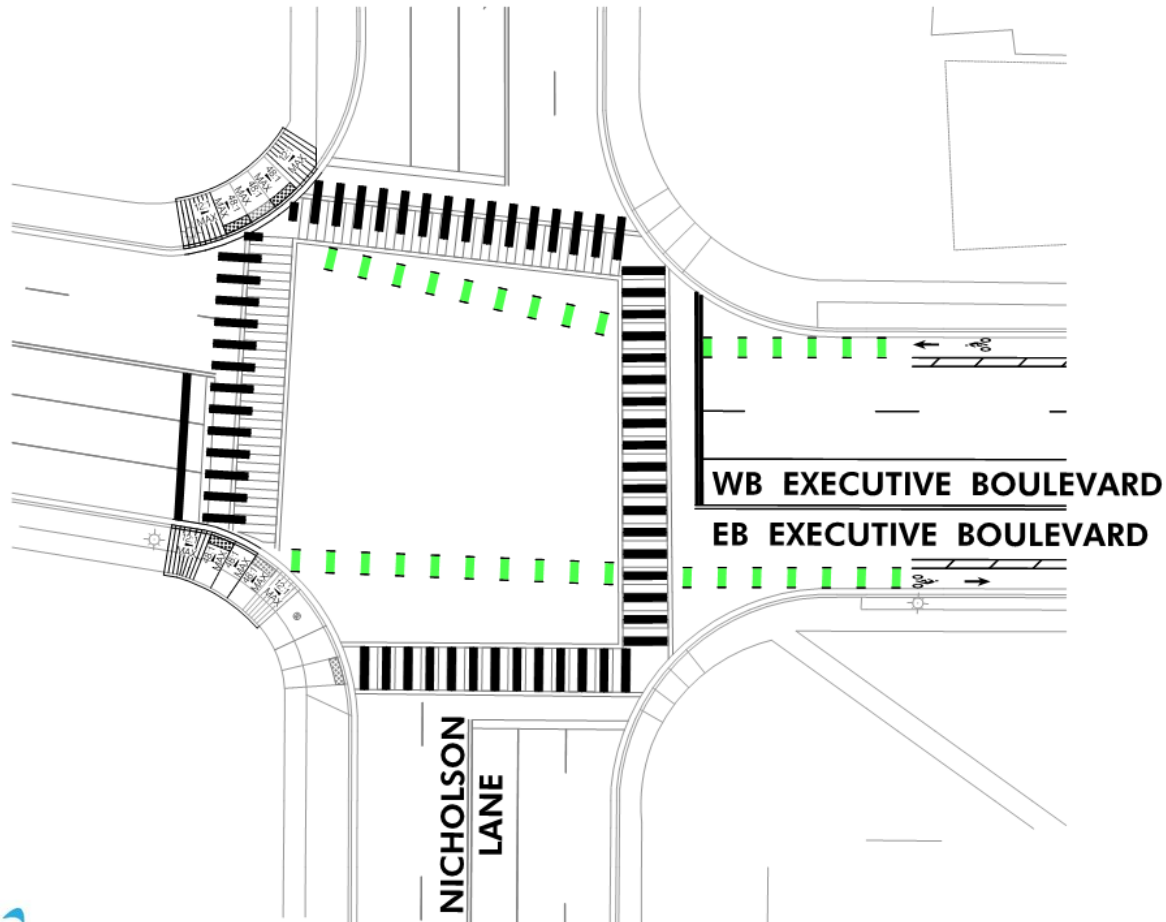
Proposed Midblock Crosswalk at Strand Drive



Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

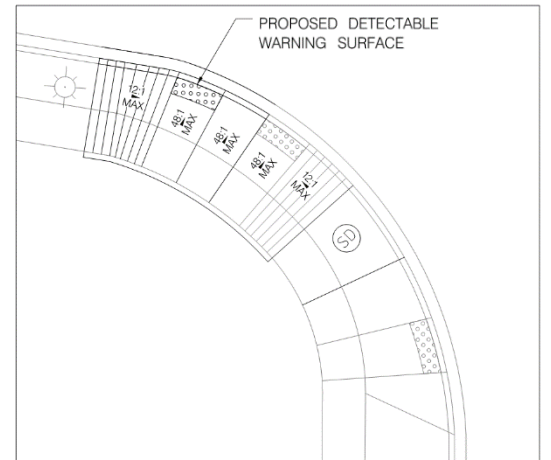
Woodglen Drive to Nicholson Lane

Proposed Intersection at Nicholson Lane & Executive Boulevard



NE Corner

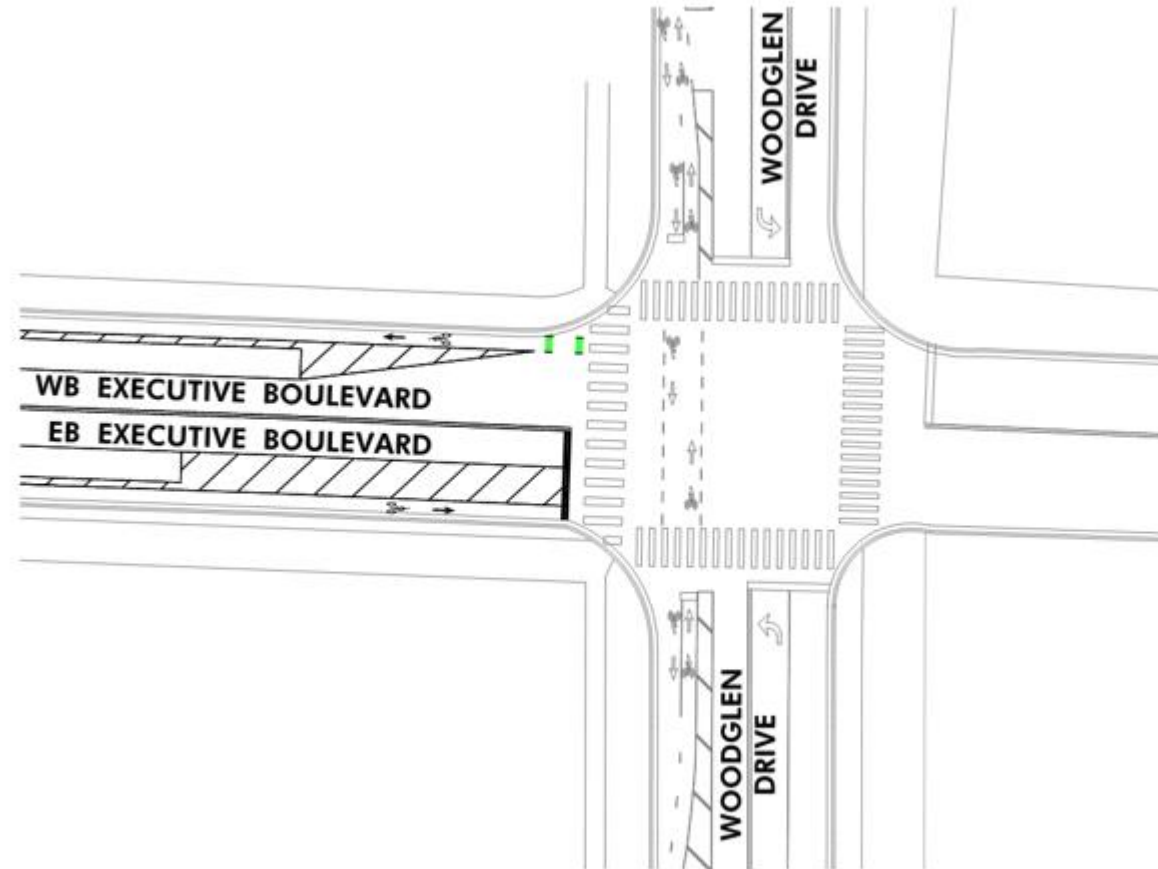
NW Corner



Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

Proposed Intersection at Woodglen & Executive



Montgomery County Department of Transportation Executive Boulevard Separated Bike Lanes

Woodglen Drive to Nicholson Lane

Schedule

- Final Design in late Summer 2018
- Construction possibly as soon as October 2018 or Spring 2019

Contact

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MCDOT Division of Transportation Engineering
- Patricia.shepherd@montgomerycountymd.gov
- 240-353-8885

