Montgomery County Department of Transportation
Executive Boulevard Separated Bike Lanes
Woodglen Drive to Nicholson Lane

Existing Executive Boulevard looking south from Nicholson Lane

August 13, 2018
Montgomery County Department of Transportation
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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.
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
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**Project Background**

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

Update to the 2005 Plan

- 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
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Various ways MCDOT implements bicycle facilities

- Stand-Alone Capital Improvement Projects (Ped & Bike)
- Facility Planning Phases I & II
- Other Agencies/Participation Projects
- Highway Maintenance/Resurfacing
- Developer Required Projects
- Bikeways Program-Minor Projects
- Traffic Improvements
- BiPPA

We’re on our way!

Towards Implementation!
Montgomery County Department of Transportation
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Project Design

1. Installation of 5 to 6 foot wide Separated One Way Bike Lanes
   o Project length is approx. 1500 linear feet
   o 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
Overall Concept Plan
Montgomery County Department of Transportation
Executive Boulevard Separated Bike Lanes
Woodglen Drive to Nicholson Lane

Overall Concept Plan - Continued
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Executive Boulevard Separated Bike Lanes
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Typical Section

Executive Boulevard

Existing – Typical Section

Executive Boulevard

Proposed – Typical Section
Montgomery County Department of Transportation
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Typical Section

Executive Boulevard at Nicholson Lane

Existing – Typical Section

Executive Boulevard at Nicholson Lane

Proposed – Typical Section
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Typical Section

Executive Boulevard at Woodglen Drive

Existing – Typical Section

Executive Boulevard at Woodglen Drive

Proposed – Typical Section
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Typical Section

Executive Boulevard at Strand Drive

Existing – Typical Section

Executive Boulevard at Strand Drive

Proposed – Typical Section
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Proposed Midblock Crosswalk at Strand Drive

Center Island

Outside Islands
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**Proposed Intersection at Nicholson Lane & Executive Boulevard**

![Diagram of Proposed Intersection at Nicholson Lane & Executive Boulevard]
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Proposed Intersection at Woodglen & Executive
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**Schedule**

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

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