

# **WHITE FLINT BIKEWAYS UPDATE**



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Montgomery County Department of Transportation

White Flint Implementation Advisory Committee Meeting  
August 11, 2014

# AGENDA

- Designing for all Cyclists
  - Background on Bicycling in Montgomery County
- Projects
  - Marinelli Rd Bike Lanes – Completed Oct. 2013
  - Woodglen Cycle Track – In Design
  - Nebel St Bicycle Facility - Analysis



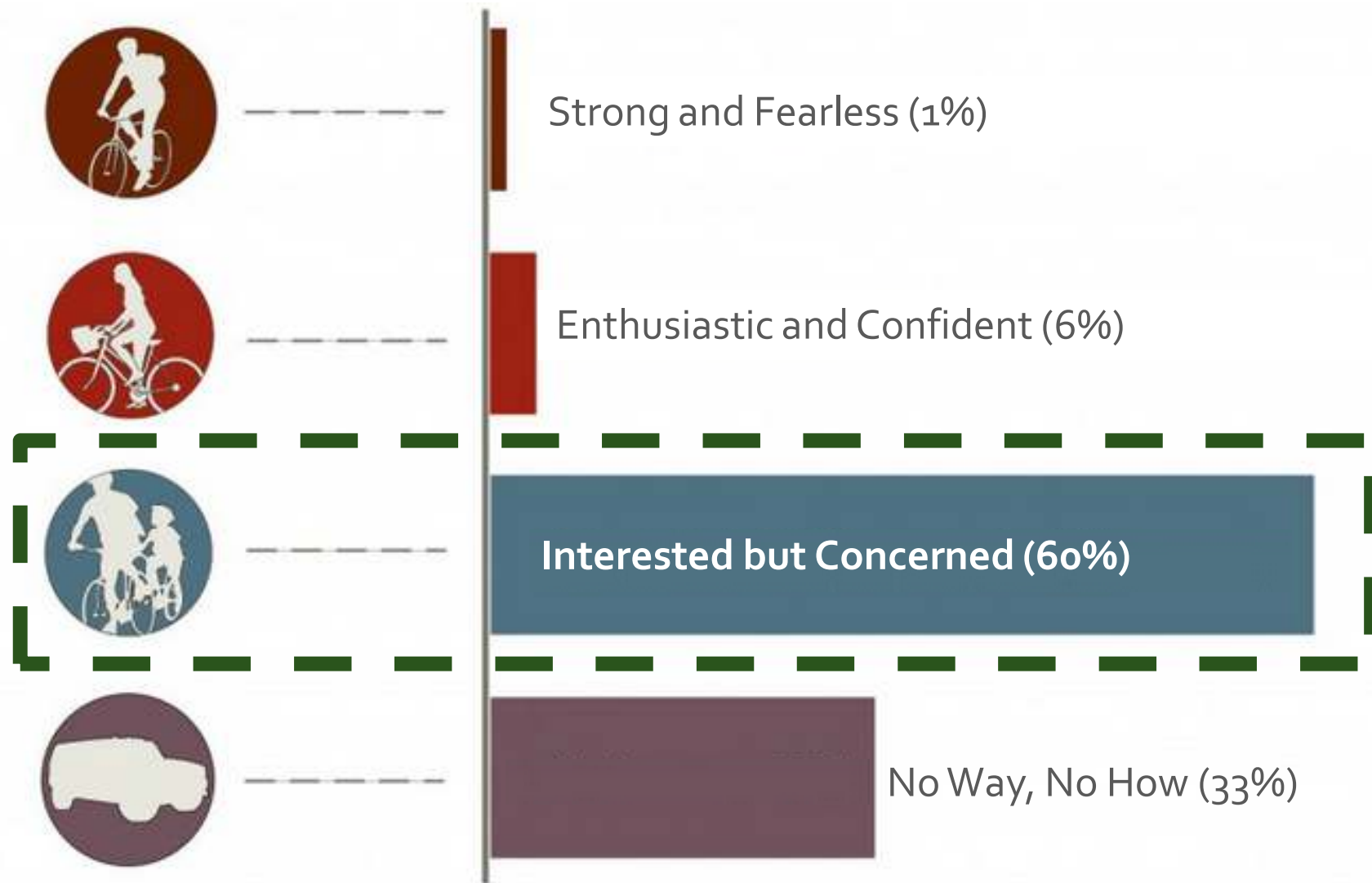
# **DESIGNING FOR ALL CYCLISTS**



**A BACKGROUND ON BICYCLING IN  
MONTGOMERY COUNTY**

# DESIGNING FOR ALL CYCLISTS

Montgomery County considers skill level and the “Four Types of Cyclists”



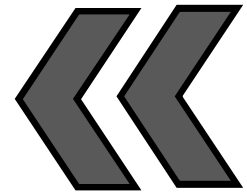
# DESIGNING FOR ALL CYCLISTS

From Strong & Fearless to Interested but Concerned...



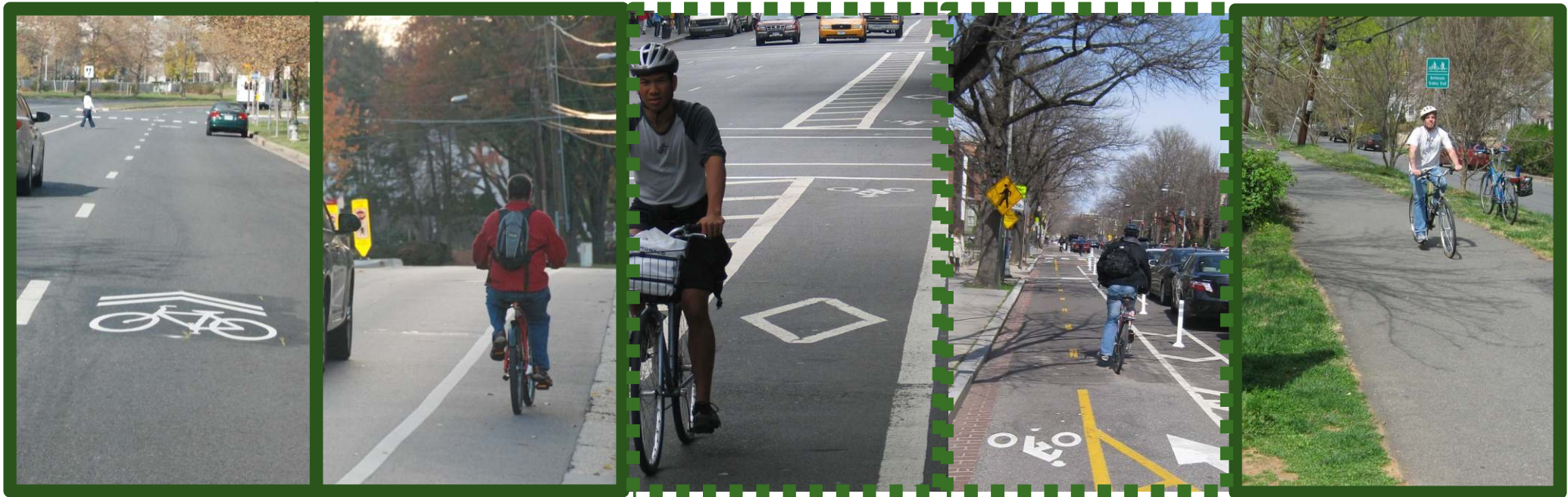
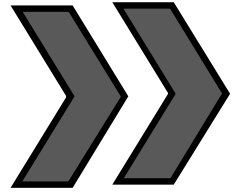


# SPECTRUM OF BICYCLE FACILITIES



higher stress

lower stress



Shared-Lane  
Markings  
("Sharrows")

Bike Lane

Buffered Bike  
Lane

Cycle Track

Shared-Use  
Path



# SPECTRUM OF BICYCLE FACILITIES

## Intersection Treatment - Bike Box



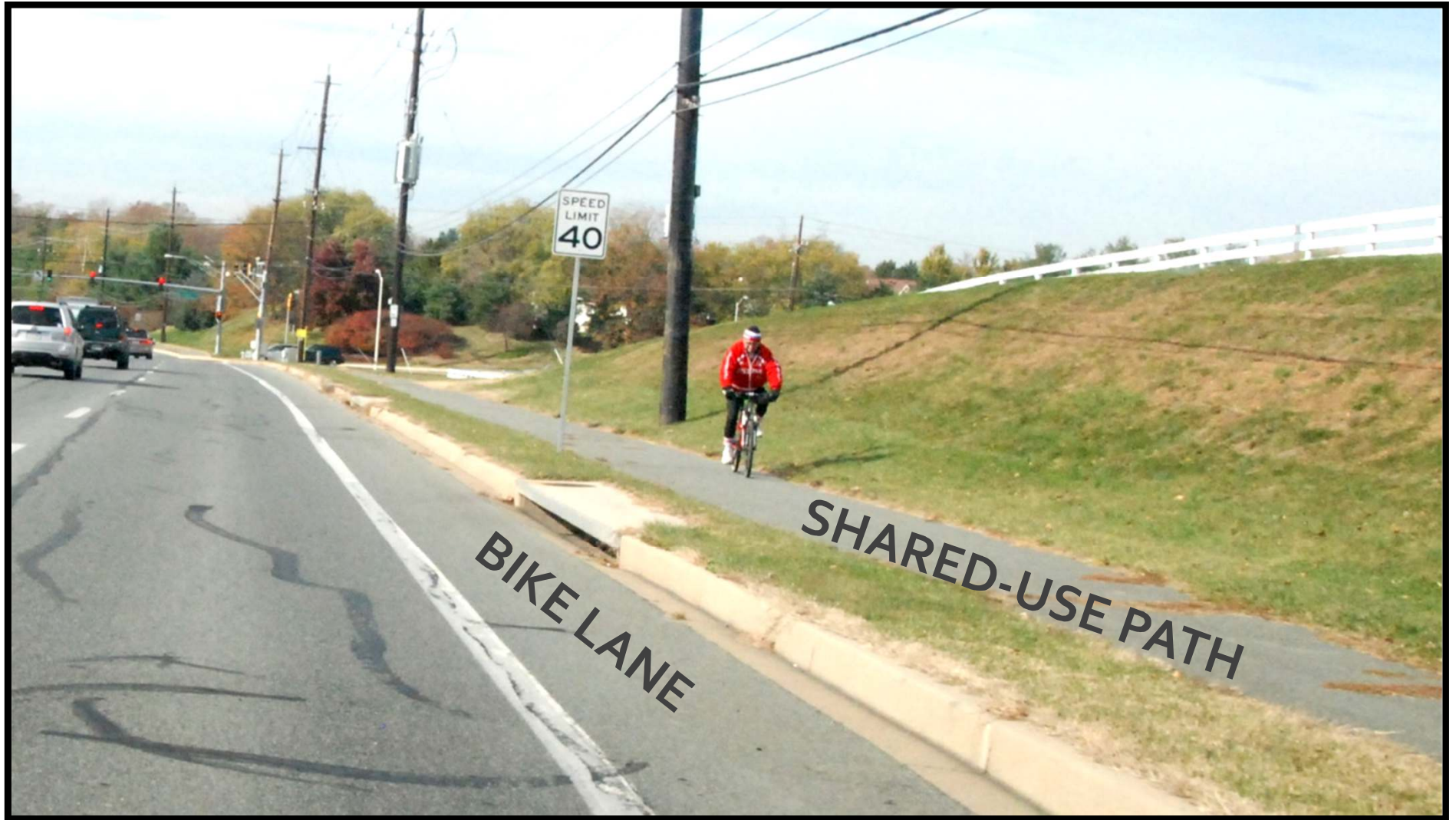
Alexandria, VA





# SPECTRUM OF BICYCLE FACILITIES

Dual Bikeways – On and Off-Road Bikeways



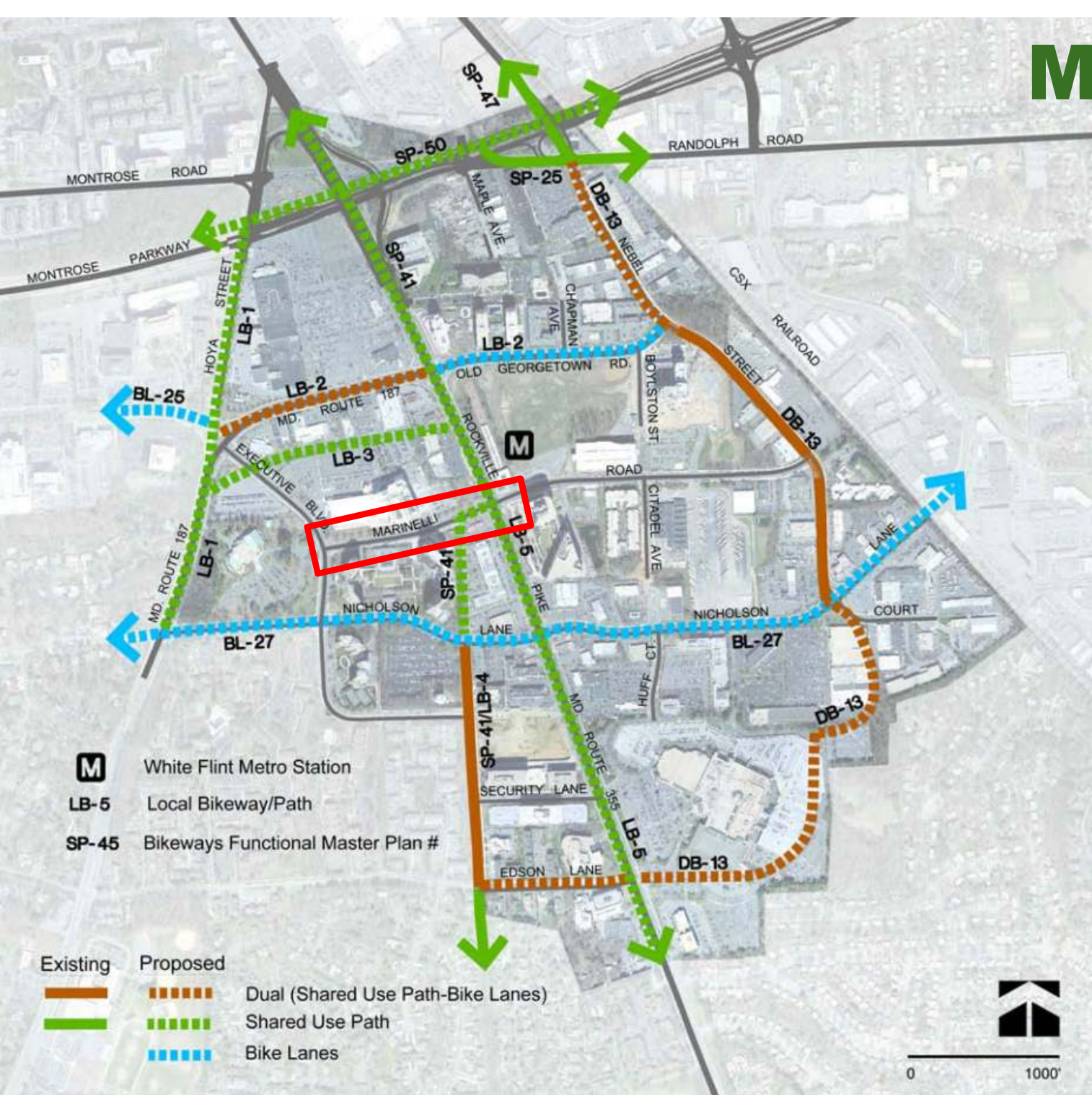


# **MARINELLI RD BIKE LANES**



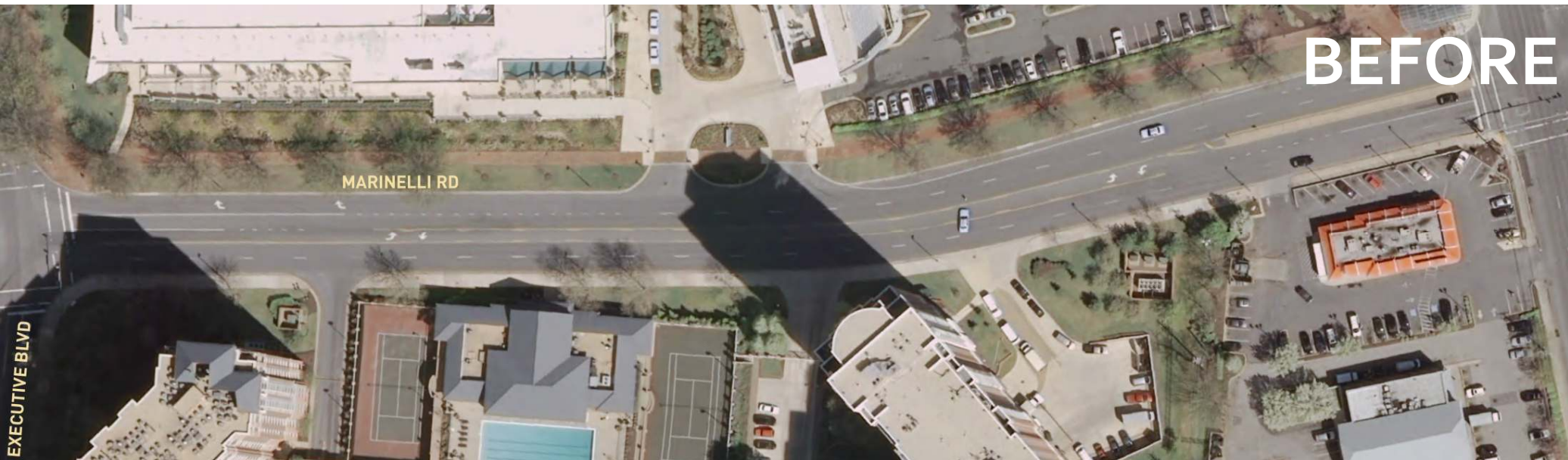
**COMPLETED PROJECT - OCTOBER 2013**

# MARINELLI RD BIKE LANES



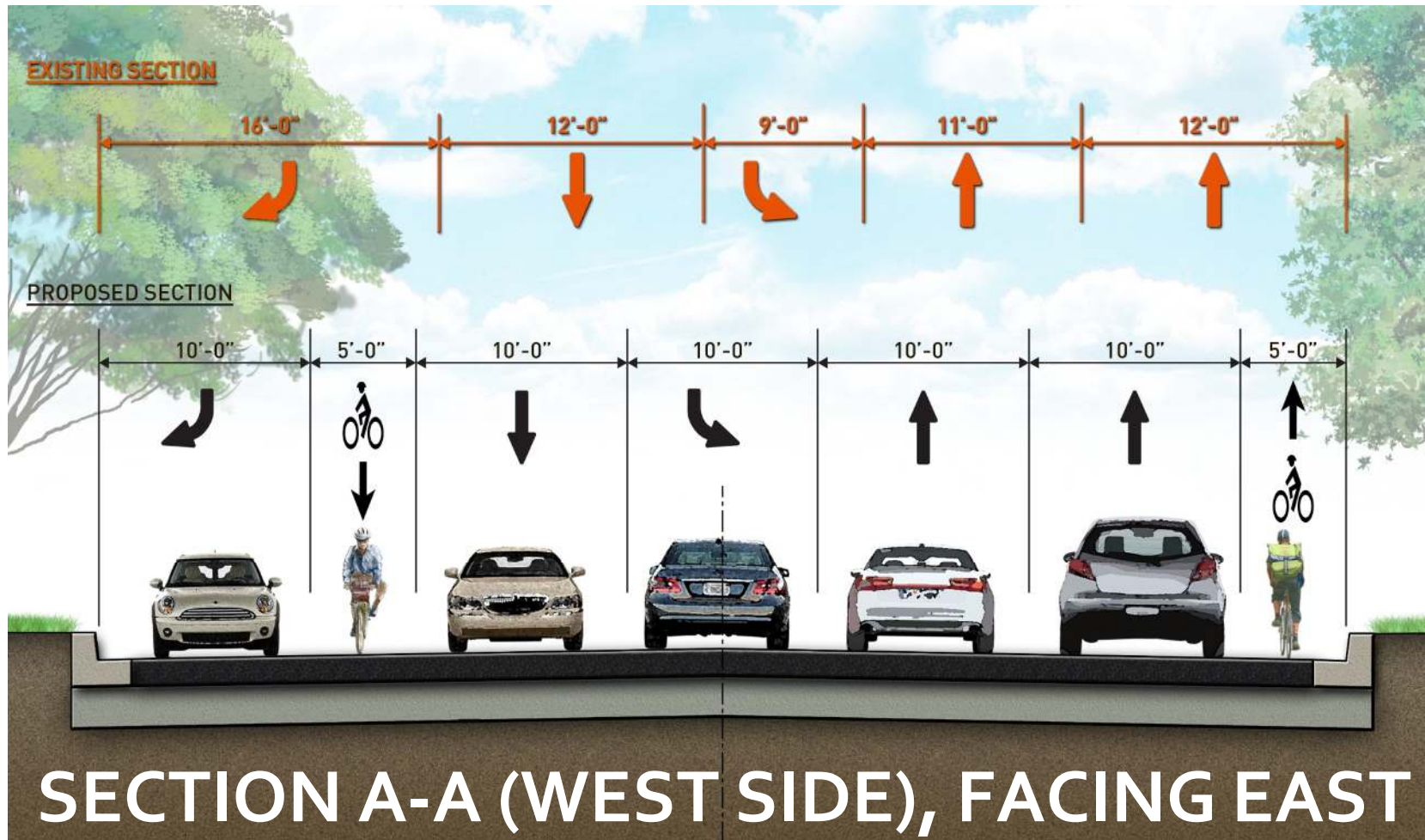


# MARINELLI RD BIKE LANES





# MARINELLI RD BIKE LANES



## "Lane Diet"

- Narrows lanes
- Reduces vehicle speeds
- Adds space in cross section for bicycle lanes



# MARINELLI RD BIKE LANES



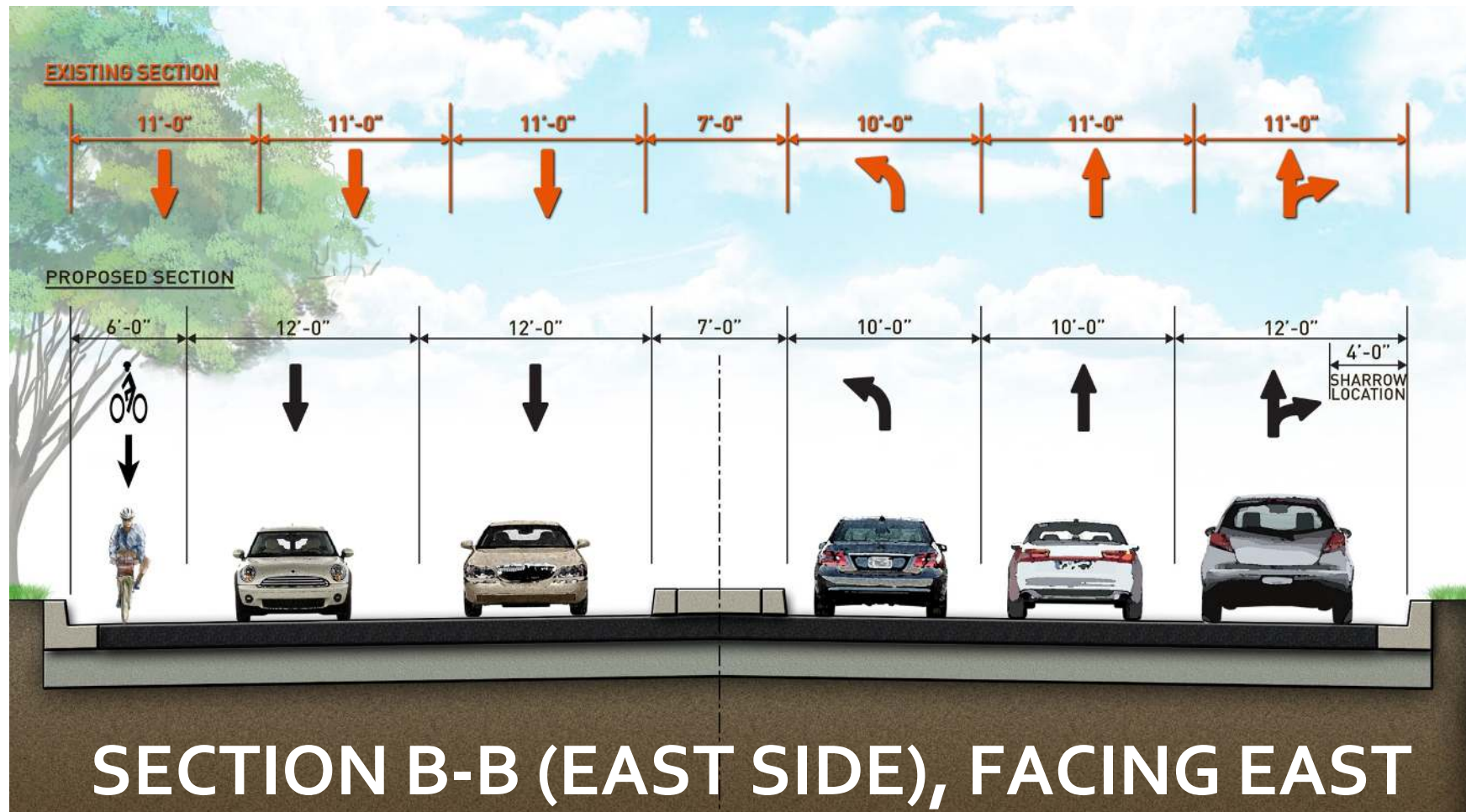
PHOTO FACING EAST

White Flint Bikeways Update





# MARINELLI RD BIKE LANES



## "Shared Lane Marking"

- A.K.A. "Sharrow"
- Indicates where bicyclists should ride
- Alerts motorists of bicyclists in the road, encourages safe passing





# MARINELLI RD BIKE LANES



PHOTO FACING EAST

White Flint Bikeways Update



# MARINELLI RD BIKE LANES



PHOTO FACING EAST





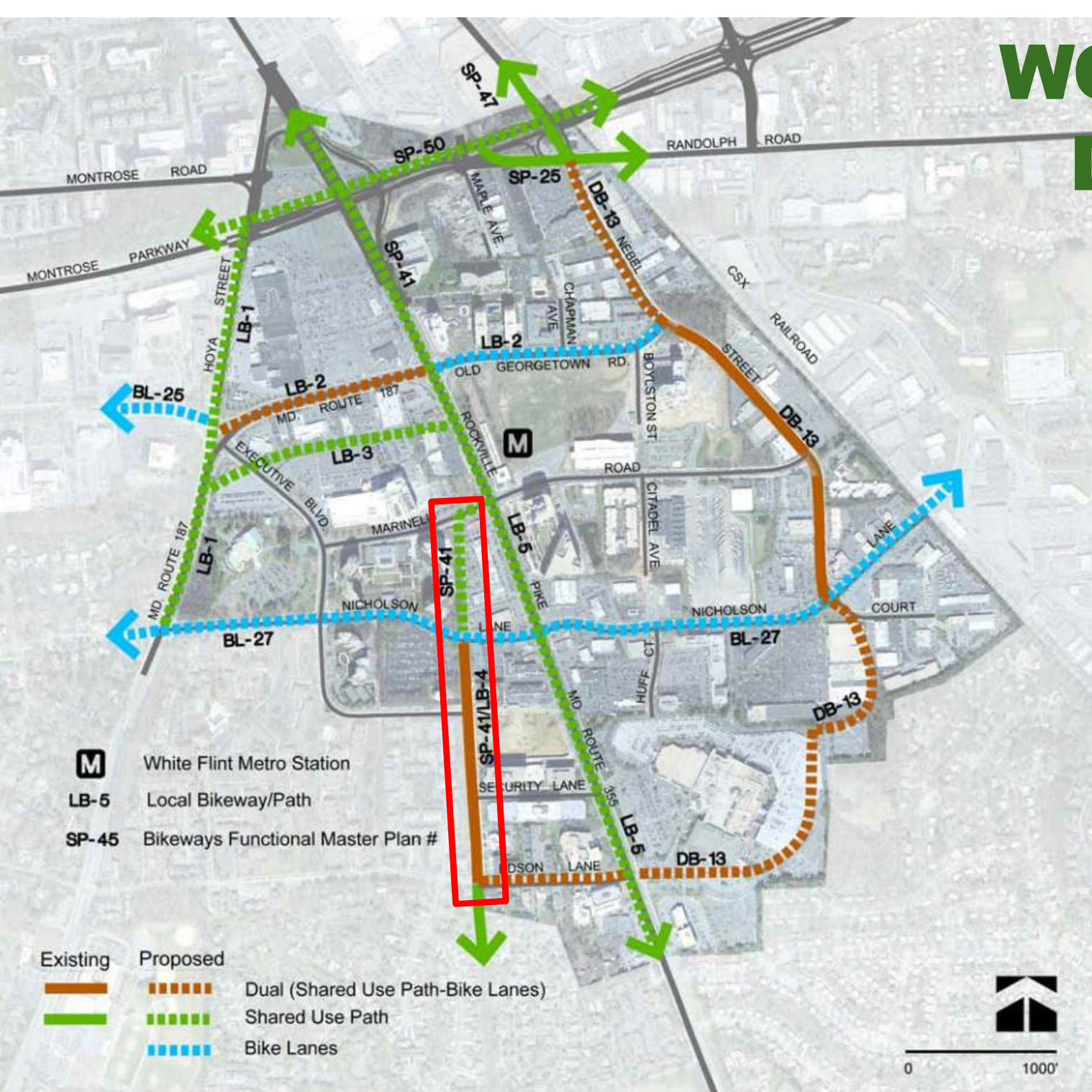
# **WOODGLEN DR CYCLE TRACK**



**PROJECT IN DESIGN PHASE**



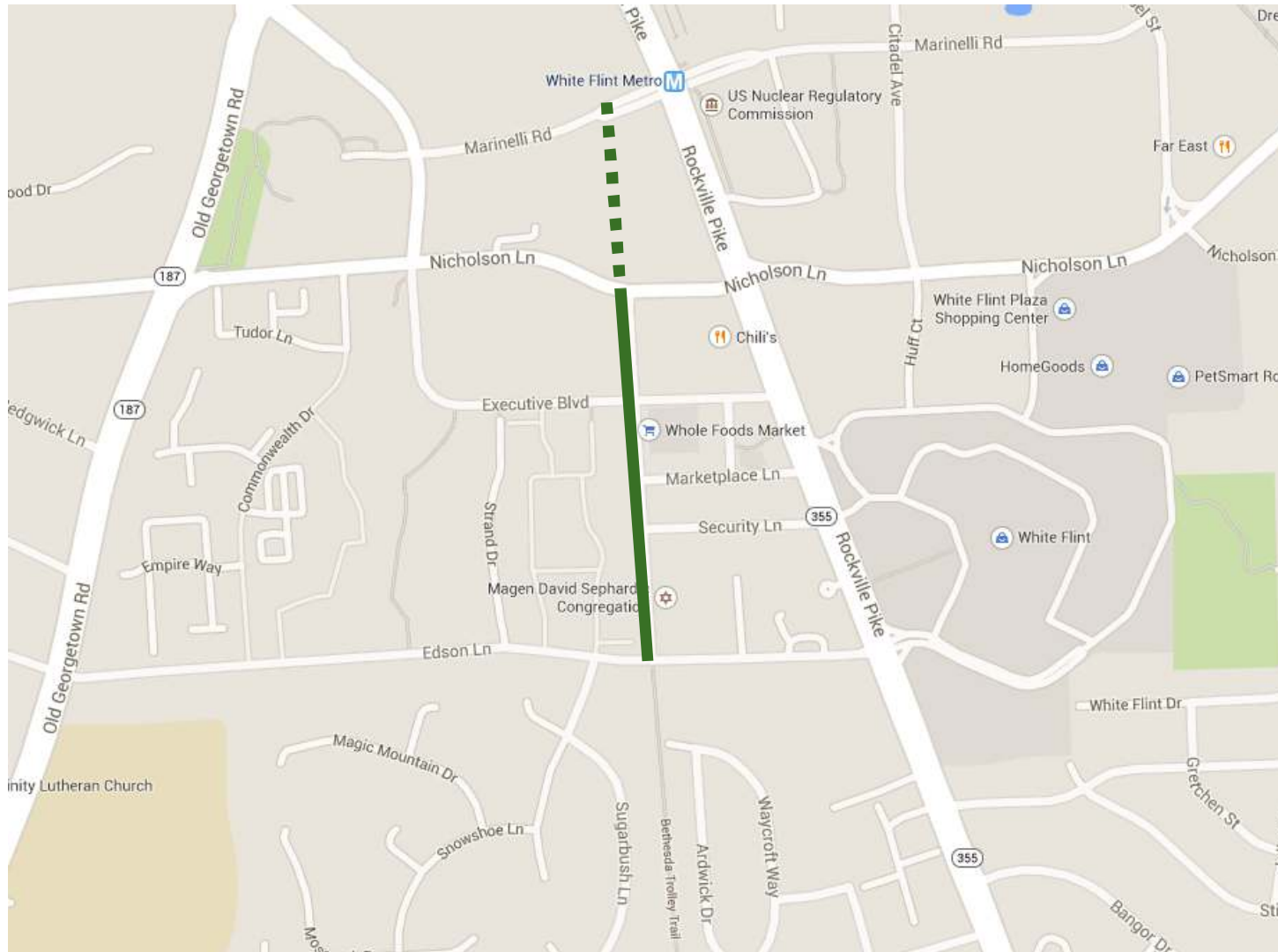
# WOODGLEN DR CYCLE TRACK



# WOODGLEN DR CYCLE TRACK

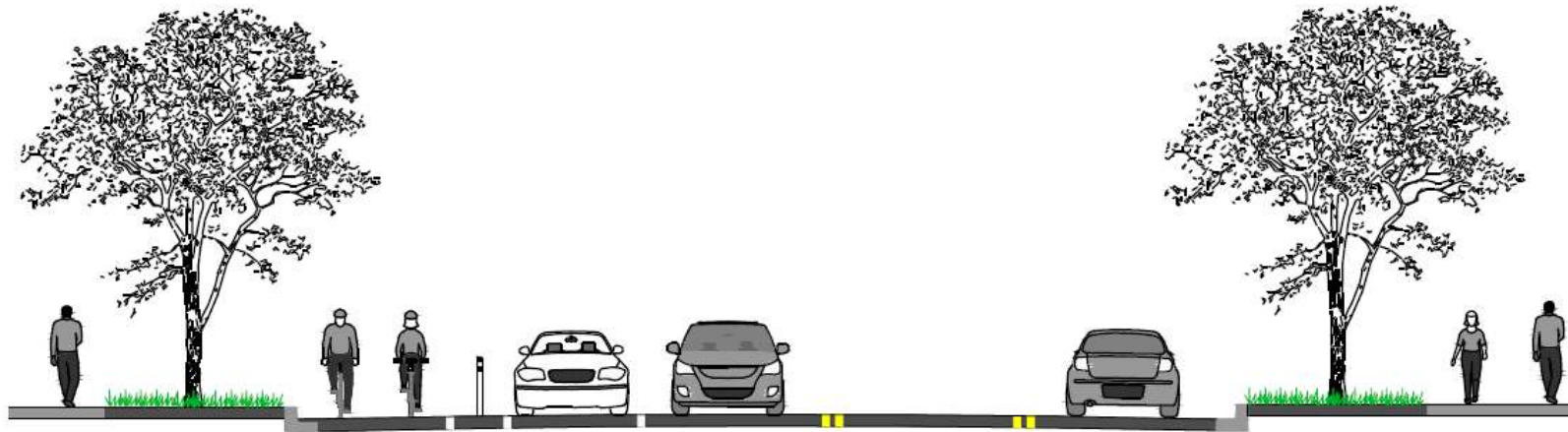
Nicholson Ln to Edson Ln

*Future phase to Marinelli Rd*

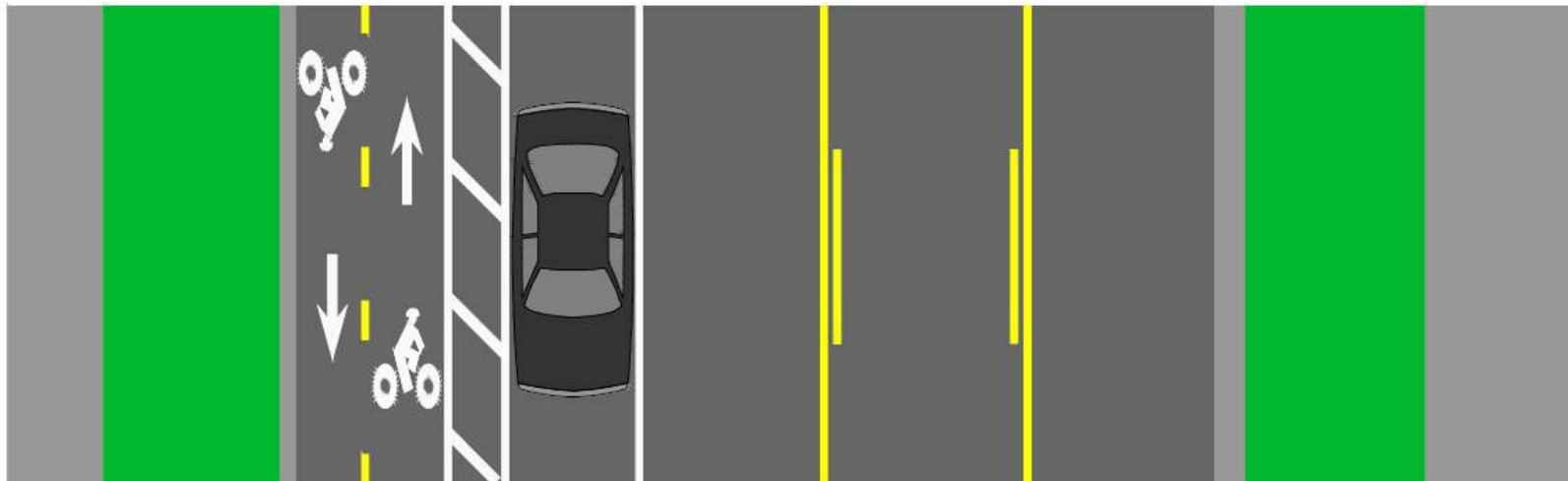




# WOODGLEN DR CYCLE TRACK



5' SIDEWALK | 10' BUFFER | 8' TWO-WAY CYCLE TRACK | 2'-3' BUFFER | 7' PARKING | 10' TRAVEL LANE | 10' CENTER TURN LANE | 11' TRAVEL LANE | 10' BUFFER | 8' SHARED-USE PATH

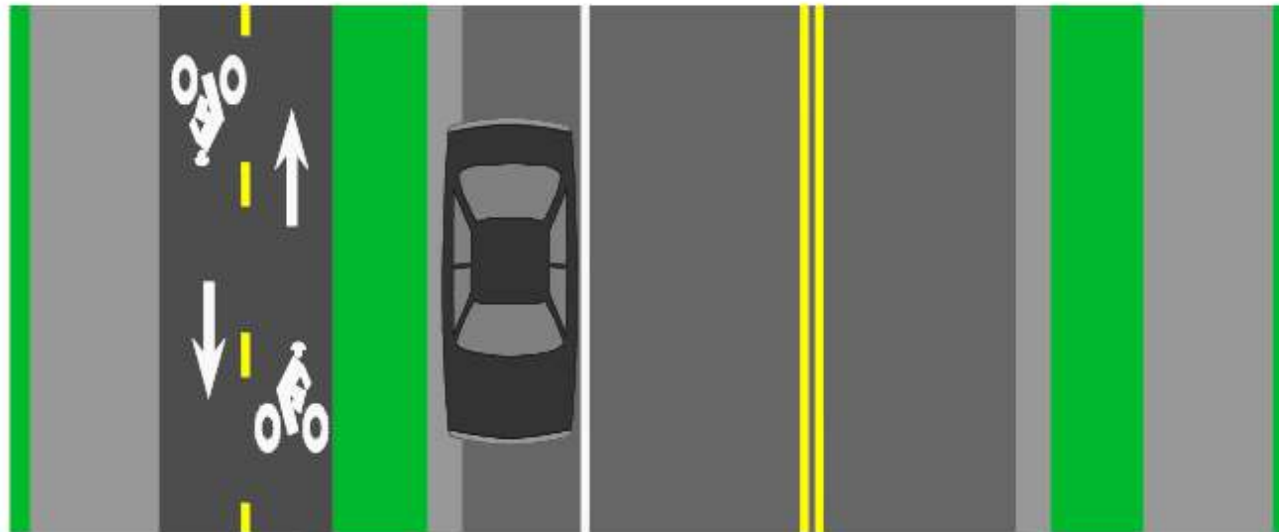
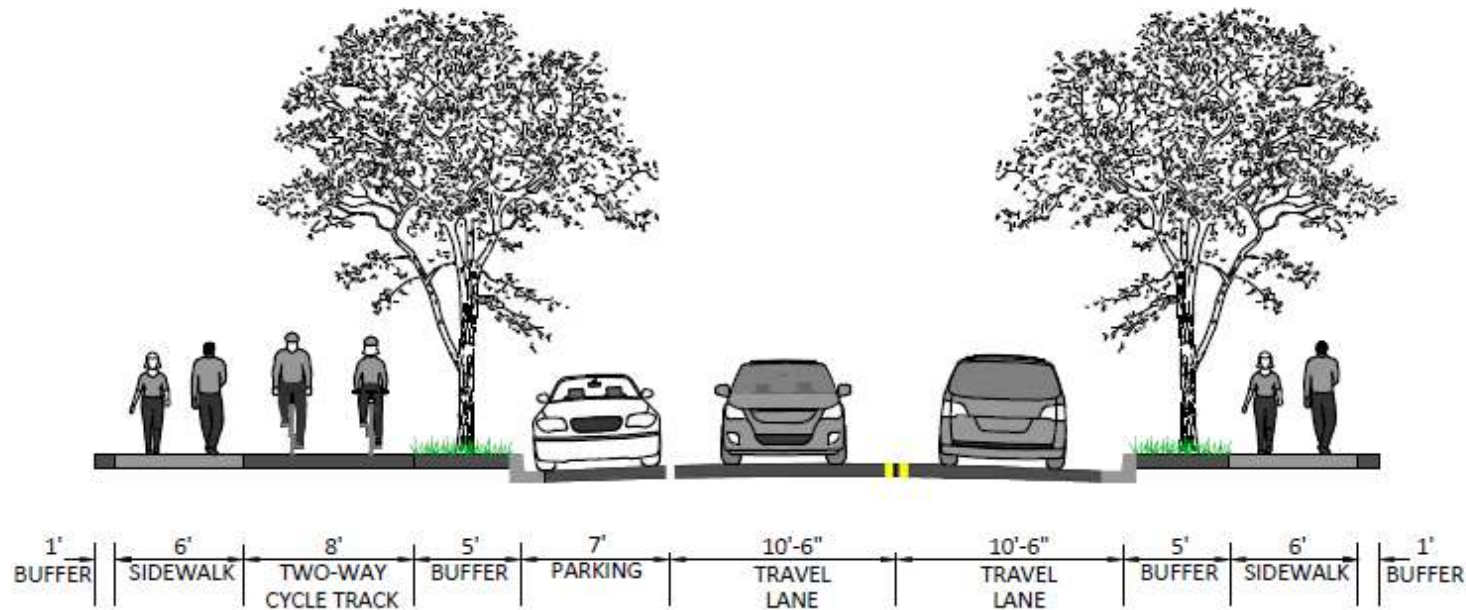


NICHOLSON DRIVE TO EDSON LANE





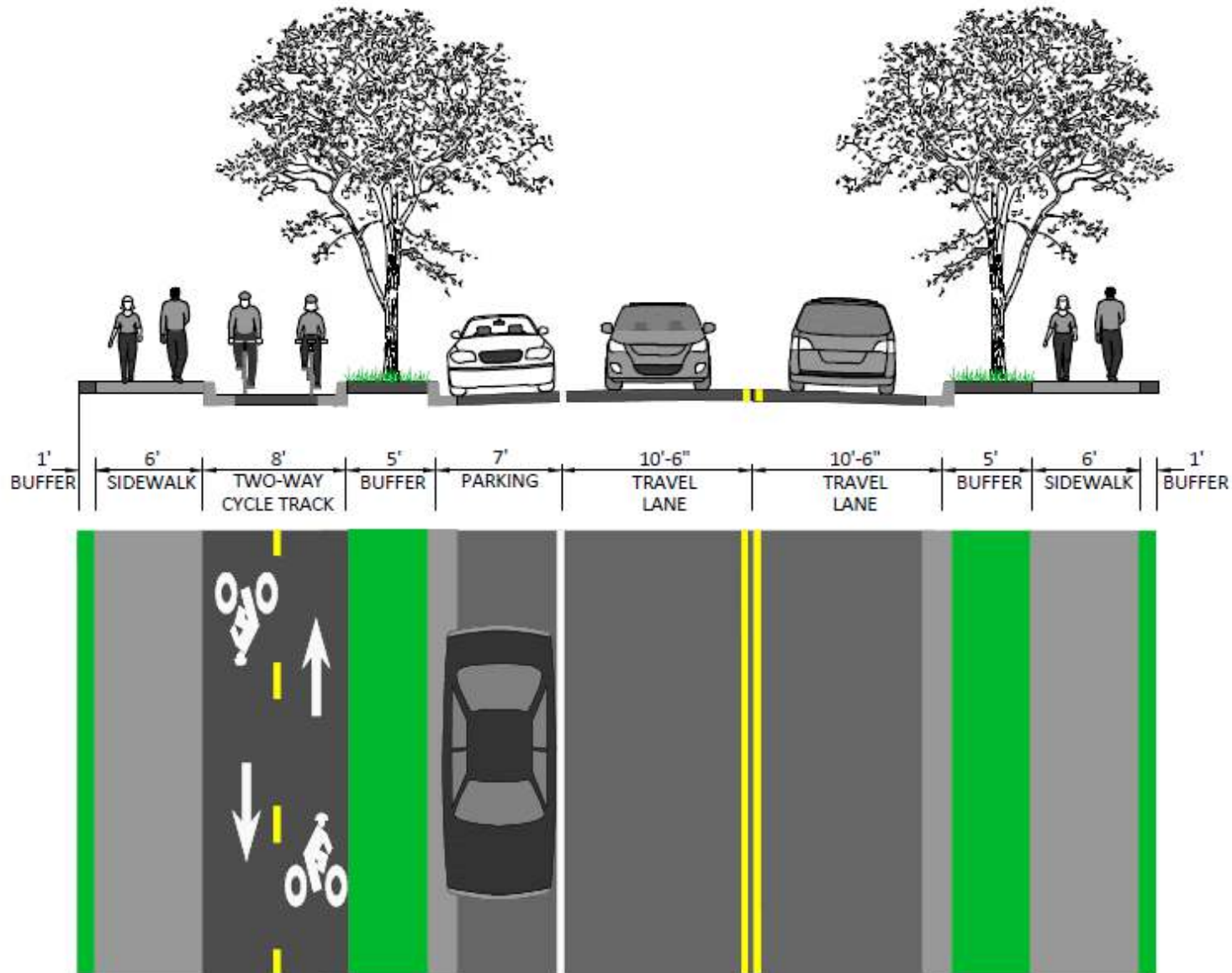
# WOODGLEN DR CYCLE TRACK



NICHOLSON DRIVE TO MARINELLI ROAD  
OPTION ONE



# WOODGLEN DR CYCLE TRACK



NICHOLSON DRIVE TO MARINELLI ROAD  
OPTION TWO





# WOODGLEN DR CYCLE TRACK



Two-Way Cycle Track, separated by parking, buffer, and flexible posts





# WOODGLEN CYCLE TRACK



Separation from traffic is comfortable for bicyclists of varying ages and comfort levels



# WOODGLEN DR CYCLE TRACK



Green pavement identifies conflict areas at driveways and intersections





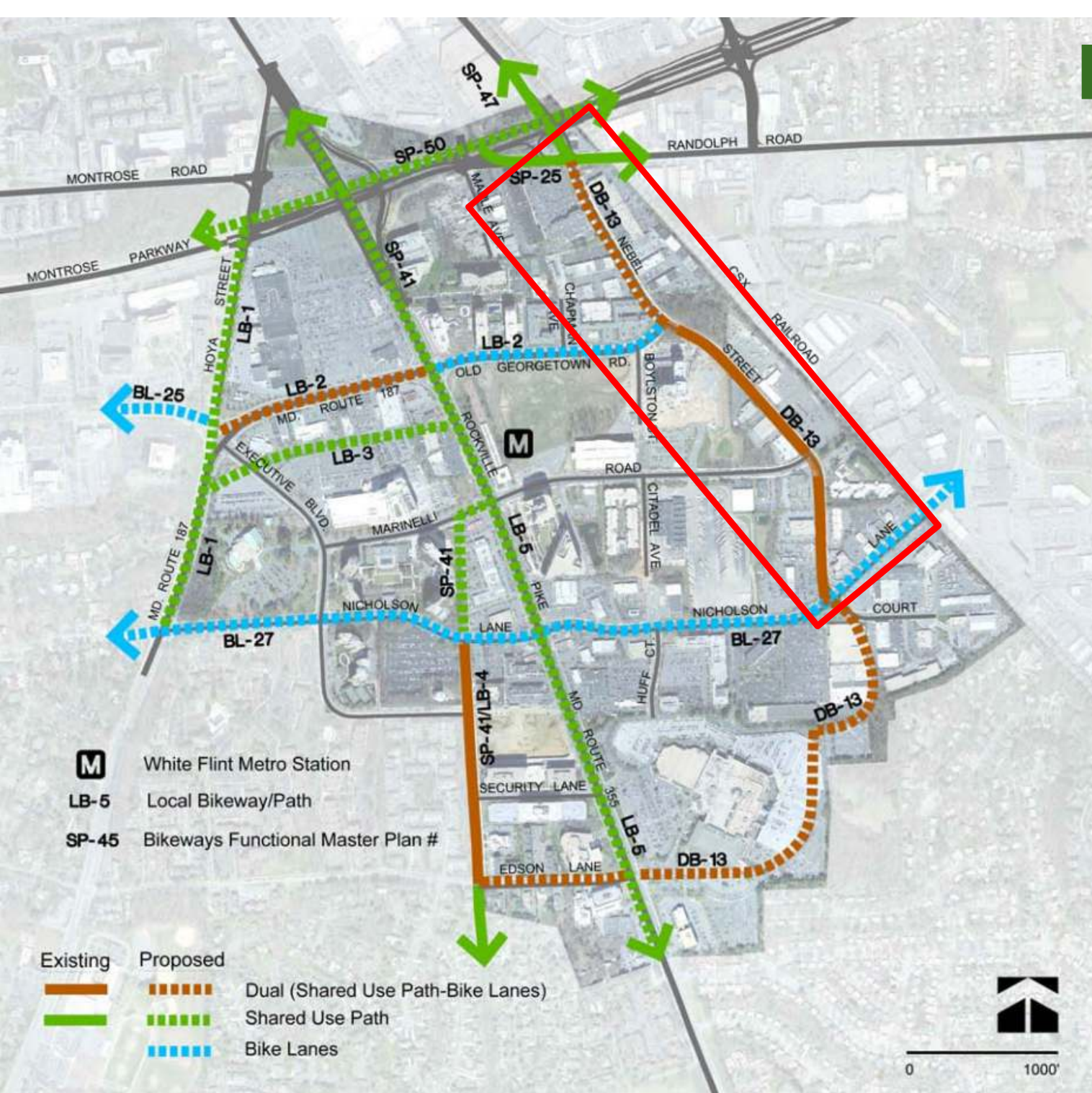
# **NEBEL ST**

# **BICYCLE FACILITY**



**PROJECT IN ANALYSIS PHASE**

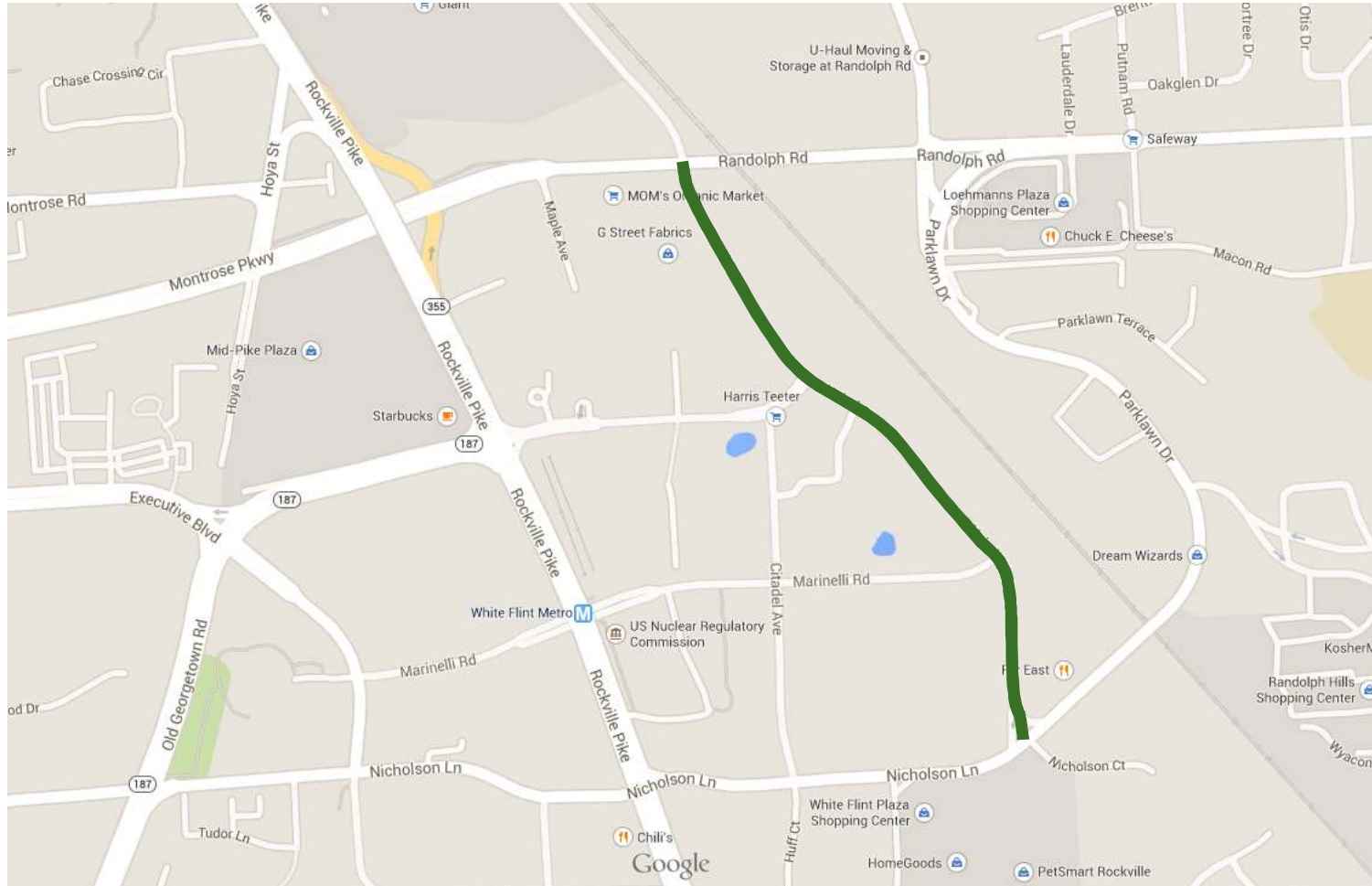
# NEBEL ST BICYCLE FACILITY





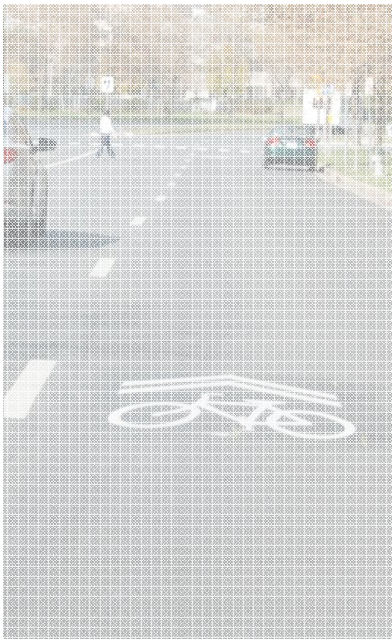
# NEBEL ST BIKE FACILITY

Randolph Rd to Nicholson Ln



# NEBEL ST BIKE FACILITY

Currently evaluating potential alternatives:



Shared-Lane  
Markings  
("Sharrows")



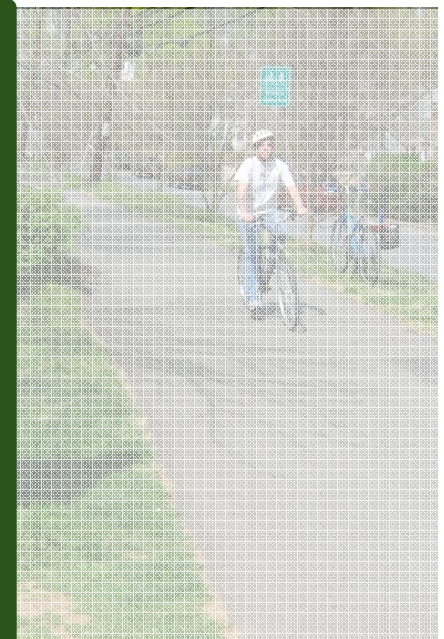
Bike Lane



Buffered Bike  
Lane



Cycle Track



Shared-Use  
Path





# THANK YOU



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