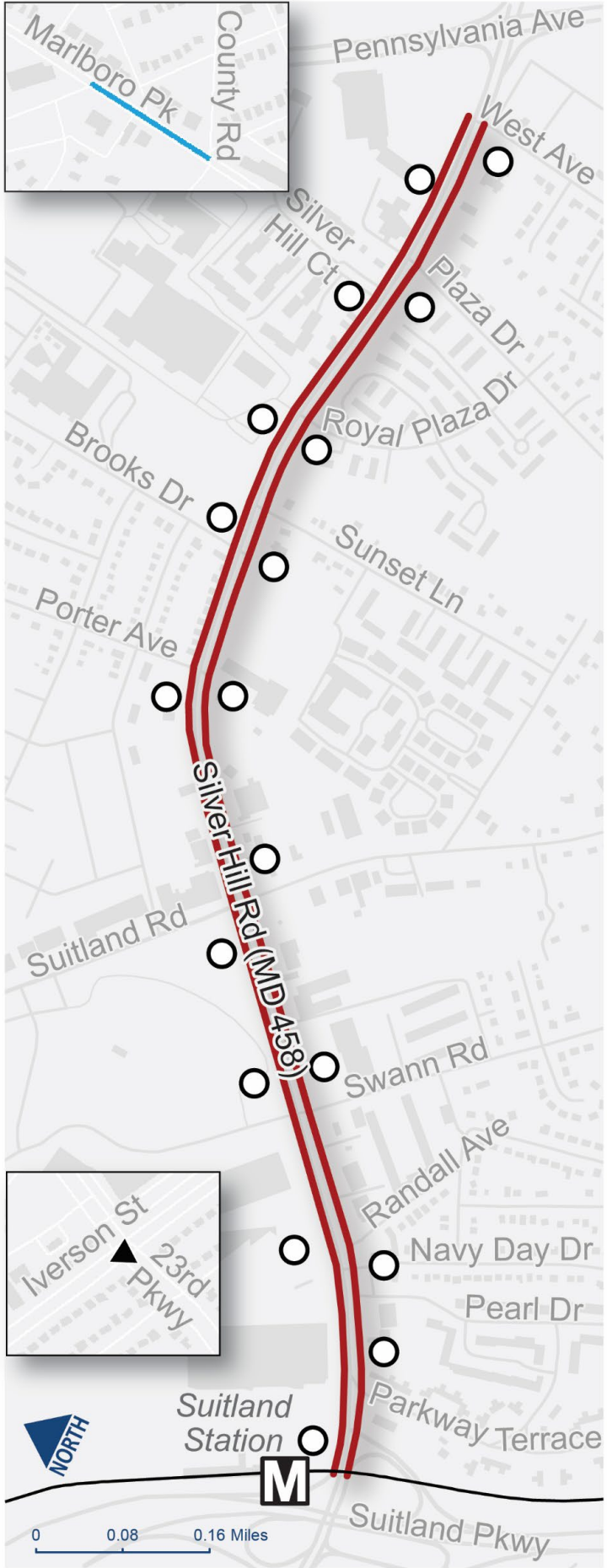




Tactical Bus Lanes (TBL) Demonstration – Prince George’s County

September 15, 2023



Project Overview

Partnership between WMATA, MDOT SHA, and DPW&T to design and build tactical bus lanes and other bus priority treatments on **Silver Hill Rd (MD 458)** in Suitland. Final (construction-ready) Plans will be complete in December 2023.

Planned Improvements

Tactical Bus Lanes

- Red-painted, bidirectional bus lanes on Silver Hill Rd (MD 458) from West Ave to Suitland Metro station (Green Line)
- Hours of Operation: 24 hours, 7 days/week

Queue Jump

- Iverson St at 23rd Pkwy

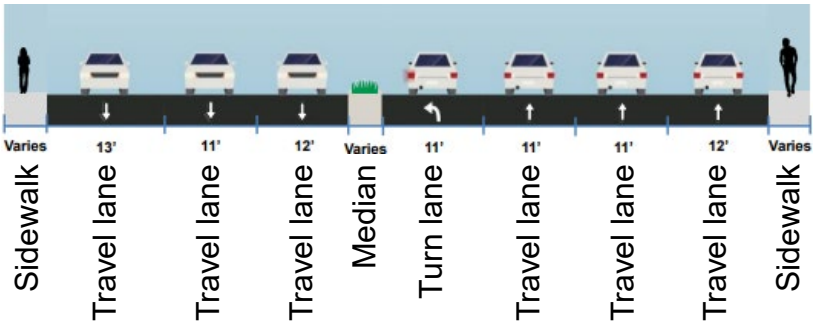
Bus Bypass Median

- Marlboro Pike from Old Silver Hill Rd to County Rd

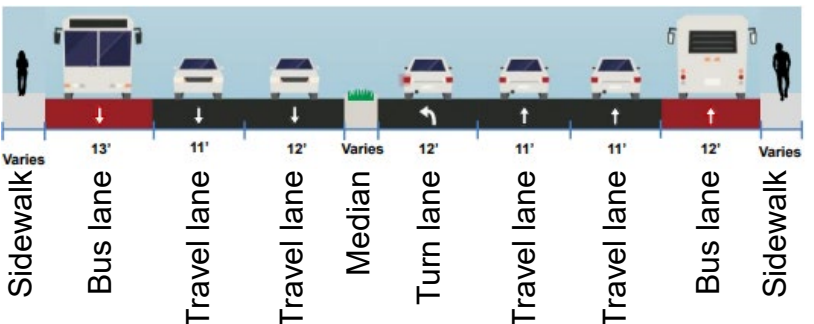
Signal Timing Modification

- Addison Rd S at Seat Pleasant Metro station (Blue & Silver Lines)

Existing Cross Section (varies along corridor)



Proposed Cross Section (varies along corridor)



Project Costs

- Design** - \$592,806 (WMATA)
- Construction** - \$2.25 million
- Maintenance** of red paint (assumes 10% reapplication annually) \$120,000 per year

Project Benefits

- Improved bus performance**
 - ✓ Enforced, dedicated bus lanes save 7 to 30% of trip time along segment
 - ✓ Queue jumps reduce bus delays by an average of 12 seconds
- Cost-efficient implementation of dedicated right-of-way for buses**
 - ✓ Red paint reduces unauthorized use of bus lanes by 40%
- Increased safety**
 - ✓ Reduces conflicts between modes and reduces crashes by up to 14%
- Reduced traffic congestion**
- Help meet regional climate goals**

Project Public Outreach

Joint public & stakeholder engagement ongoing.

Enforcement

Bus Lane enforcement by local enforcement authorities. Legislation is required to expand automated enforcement, Clear Lanes, to MD.

Measuring Improvement

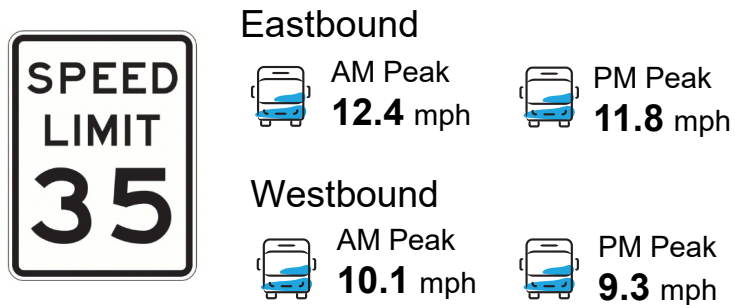
Metro will review and assess changes to bus performance for 6 months after implementation.

Why do we need Bus Lanes on this corridor?

A great bus system provides access to opportunity for all.

Route	Avg Weekday Riders	People of Color	Low-income
D12,14	4,048	98%	62%
K12	1,760	99%	54%
P12	5,847	99%	56%
V12	1,158	97%	41%
Total	12,812	98%	53%

Slow buses discourage bus use.



Buses in dedicated lanes can move 2x the number of riders as buses in mixed traffic.

Buses per hour through the corridor*

	AM Peak	PM Peak
Northbound	9	11
Southbound	9	11

Proven Regional Application

Metroway began operating buses in dedicated right-of-way in Alexandria and Arlington, VA in August 2014, and observed up to 20% bus travel time savings.

[MDOT MTA's dedicated bus lanes](#) in Baltimore have successfully reduced bus travel times between 5-32%.