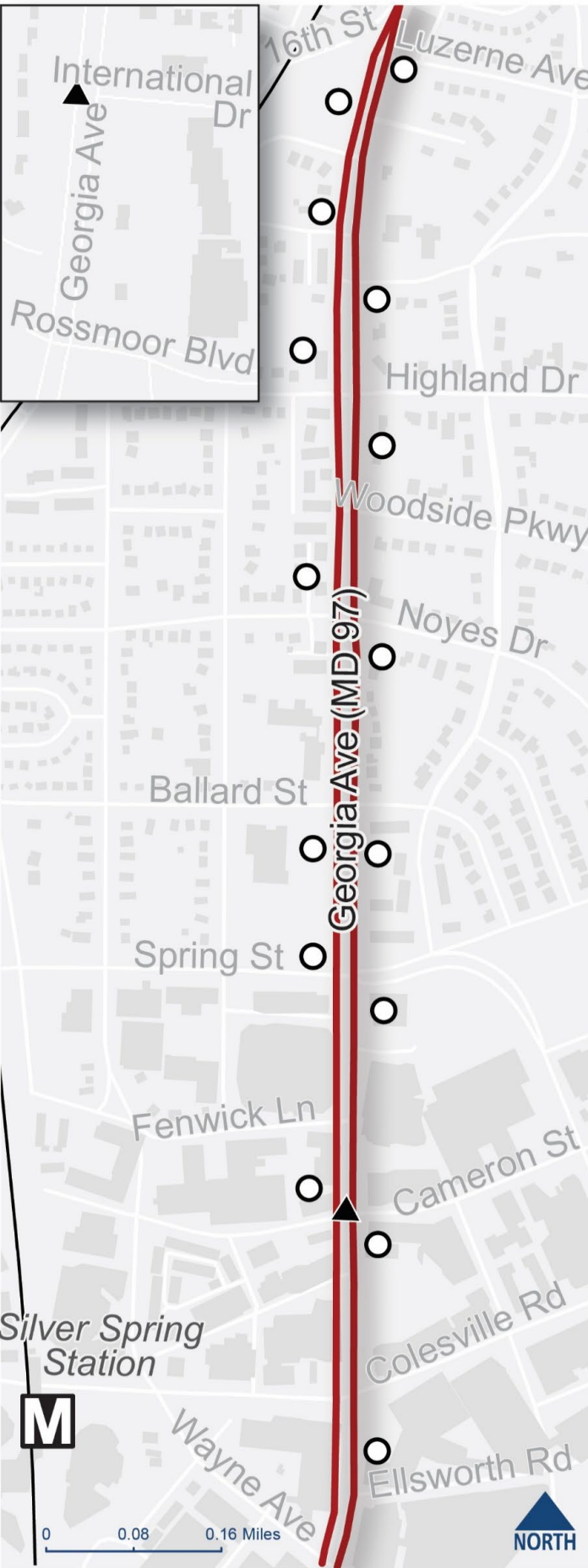




Tactical Bus Lanes (TBL) Demonstration – Montgomery County

October 27, 2023



Project Overview

Partnership between WMATA, MDOT SHA, and MCDOT to design and build tactical bus lanes and queue jumps on **Georgia Avenue (MD 97)** in Silver Spring. Final (construction-ready) Plans will be complete in December 2023.

Planned Improvements

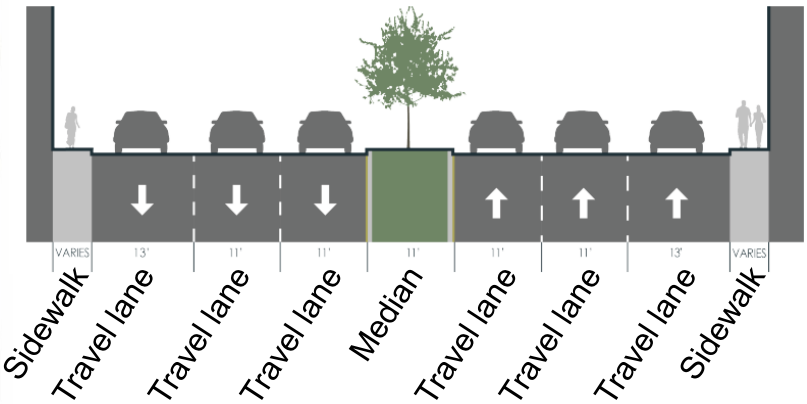
Tactical Bus Lanes

- Red-painted, bidirectional bus lanes on Georgia Ave from 16th St to Wayne Ave
- Hours of Operation:
6:30 – 9:30 AM & 3:30 – 7:00 PM, Mon-Fri

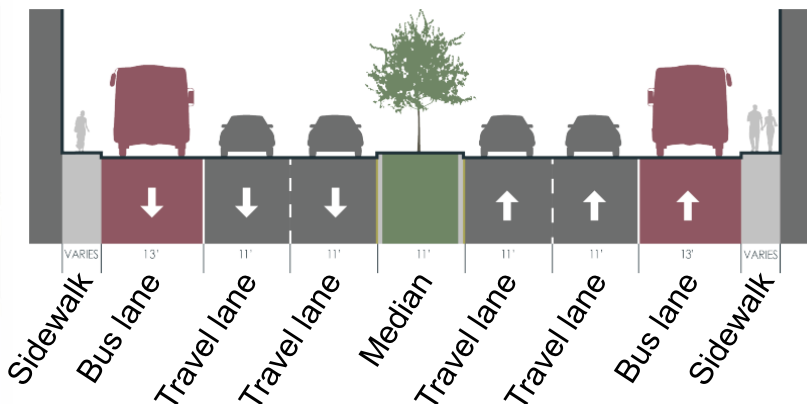
Queue Jumps on Georgia Ave (MD 97)

- International Drive (Northbound)
- Cameron Street (Northbound & Southbound)

Existing Cross Section



Proposed Cross Section



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
F4	5,825	94%	60%
Q2,4	4,712	92%	58%
Y2,7,8	5,263	88%	52%
Total	15,799	91%	56%

Slow buses discourage bus use.



Southbound			
	AM Peak		PM Peak
	13.4 mph		12.6 mph
Northbound			
	AM Peak		PM Peak
	10.6 mph		7.3 mph

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	8 to 23	9 to 26
Southbound	7 to 19	9 to 21

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%.