

Briefing on the Implementation of the TIGER Grant for Priority Bus Transit in the National Capital Region

Transportation Planning Board
March 18, 2015

Project Implementation Update

Eric Randall

Department of Transportation Planning



Overview of the TIGER Grant

- The TPB's Transportation Investments Generating Economic Recovery (TIGER) Grant Agreement with USDOT was signed on December 14, 2010.
 - \$58.8 million in capital funding (100% Federal) for priority bus transit improvements.
 - Sixteen component projects with five implementing organizations: City of Alexandria, DDOT, MDOT, PRTC, and WMATA.
- TPB last briefed in June 2014.
 - Official correspondence among FTA, COG, and implementing organizations discussed at October and November TPB meetings.
 - On January 15, 2015, FTA approved MWCOG's grant revision request (submitted October 28). This amended project scopes and budgets and enabled final design and manufacture to proceed.

Overview of the TIGER Grant

- **Progress to Date / Remaining**

	<u>To Date:</u>	<u>Remaining:</u>
Period of Performance:	Four years and two months (74%)	18 months to go (26%)
Actual/Anticipated Expenditures:	\$24.5 million (42%)	\$34.3 million (58%)

- **Project Status**

Completed

- US-1 (VA) / Potomac Yard Transitway
- PRTC Bus Purchase (13 Buses)

In 2015

- Takoma/Langley Transit Center
- Real Time Passenger Info Displays

In 2016

- Transit Signal Priority
- Bus Corridor Capital Projects
- Franconia-Springfield & Pentagon transit stations

TIGER Projects Nearing Completion

- **Buses and ITS (*PRTC*)**
 - Computer-Aided Dispatch and Automatic Vehicle Location (CAD/AVL) system in mini-fleet testing. Complete in June 2015
- **Takoma/Langley Transit Center (*MDOT*)**
 - Scheduled for opening in Fall 2015.
- **Real Time Passenger Information (*DDOT, WMATA, MDOT, Alexandria*)**
 - Installation and testing of 179 RTPI signs in progress. Complete mid-2015.



TIGER Projects Completing Design

- **Bus Corridor Priority Treatments**
(DDOT, WMATA, MDOT, Alexandria)

- **Transit Signal Priority (TSP)**

- Prototype deployment on VA-7 (Leesburg Pike) scheduled for March 2015. Install signals through 2016.
- Signal optimization in Downtown Core: Spring 2015.

- **Capital Improvements**

- Georgia Avenue Bus-Only lane: December 2015
- Van Dorn-Pentagon Corridor: 2016.
- University Boulevard, Veirs Mill Road, US 1 (MD): 2016.

- **Franconia-Springfield and Pentagon (WMATA)**

- Franconia-Springfield: Bus stop canopies and additional safety improvements for pedestrians: 2016.
- Pentagon Transit Center: Pedestrian access treatments and security systems. TIGER will also fund partial construction of an alternative bus bay site on Army-Navy Drive: 2016.



Completing the TIGER Projects

Successful completion of the TIGER Projects still depends on successful accomplishment of several critical implementation steps.

1. Transit Signal Priority (TSP) Systems
 - Procurement of wayside equipment is still in progress. Installing TSP Systems across multiple wayside traffic signal systems is technologically challenging and may experience delays.
2. Pentagon and Franconia Springfield transit station projects
 - Design for elements of both projects is being finalized, to be followed by procurements for construction, which may experience delays.
 - Permitting and easement approvals are also required.
3. Funds Expiration and Performance Monitoring
 - Work must be completed by the end of June 2016 to ensure timely invoicing before funds expire in September 2016.
 - Performance monitoring and reporting of the grant projects will continue through 2018.

Propose to next brief TPB in July 2015 on progress of the TIGER Grant.

TIGER Grant for Priority Bus Transit in the National Capital Region

Questions?

