



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

Transportation Planning Board  
July 22, 2015

## Project Implementation Update

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# 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 on grant progress in March 2015.
  - Requested bi-monthly updates via alternating memos and presentations.
    - Memorandum update distributed at May 2015 meeting.

# Overview of the TIGER Grant (2)

- **Progress to Date / Remaining**

	<u>To Date:</u>	<u>Remaining:</u>
Period of Performance:	Four years and six months (78%)	15 months to go (22%)
Actual/Anticipated Expenditures:	\$27.7 million (47%)	\$31.1 million (53%)

## **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 on the grant projects will continue through 2018.

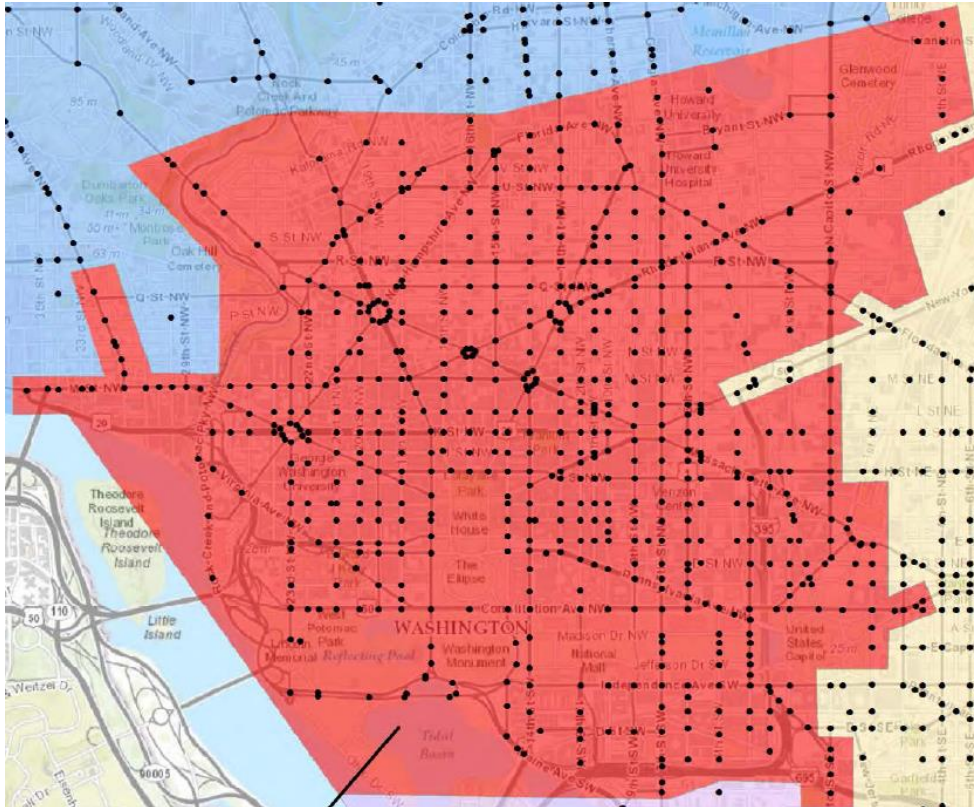
# TIGER Projects Completed

- **Buses (PRTC)**
  - 13 Buses procured in 2013.
- **US-1 (VA) / Potomac Yard Transitway (Alexandria)**
  - Opened for service August 2014.
- **Bus Stop Improvements (DDOT, WMATA, MDOT)**
  - Constructed along 16th Street, Southern Ave, University Blvd.
- **Traffic Signal Uninterrupted Power Supply (DDOT)**
  - UPS installed at 30 locations in DC Downtown Core.



# TIGER Projects Completed (2)

- **Signal Optimization in Downtown Core: (DDOT)**
  - DDOT implemented new traffic signal timing plans for the nearly 650 intersections in the downtown Washington DC core on April 24, 2015. (208 signals funded through TIGER).
  - Observed improvements in traffic and bus operations; adjustments continuing based on field investigations and public comments. Final report anticipated in fall 2015.



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## DDOT: Traffic Signal Timing Changes Save Drivers Time

By Marina di Marzo

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Updated at 8:58 AM EDT on Tuesday, Jun 16, 2015

Changes to traffic signal timing are saving drivers time, according to the D.C. Department of Transportation.

DDOT is attempting to cut down on driving time and improve traffic flow.

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**TRENDING STORIES**

- SB I-95 Closed in Md. After State Trooper Struck
- Watch News4 Live
- Flash Flood Warning for D.C., Prince George's County
- Arrest Made in Case of Body Found in

# TIGER Projects Nearing Completion

- **Real Time Passenger Information (DDOT, WMATA, MDOT)**
  - Installation of 169 RTPI signs complete, installed on: 16<sup>th</sup> Street, Georgia Ave, H Street/Benning Rd, University Blvd, Veirs Mill Rd, Addison Rd
  - Awaiting final acceptance with completion anticipated in summer 2015.
- **Intelligent Transportation Systems (PRTC)**
  - Computer-Aided Dispatch and Automatic Vehicle Location (CAD/AVL) system installed on fleet. In final acceptance review with completion anticipated in fall 2015.
- **Takoma/Langley Transit Center (MDOT)**
  - Scheduled for opening in fall 2015.



# TIGER Projects Beginning Implementation

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

- **Transit Signal Priority (TSP)**

- Prototype deployment on VA-7 (Leesburg Pike) installed at two locations. Testing plan nearing completion.
- Following testing, installation will continue through 2016 on other corridors: 16th Street, Georgia Avenue, Wisconsin Avenue, DC Downtown Core, and US 1 (MD).
  - ❖ *Installing TSP Systems across multiple wayside traffic signal systems is technologically challenging and implementation may experience delays.*



- **Capital Improvements**

- Georgia Avenue Bus-Only lane: May 2016
- Van Dorn-Pentagon Queue Jumps and SuperStops: 2016.
  - ❖ *These projects will be completed in time based on current schedules, but unanticipated delays may occur.*

# TIGER Projects Beginning Implementation (2)

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

- **Franconia-Springfield**

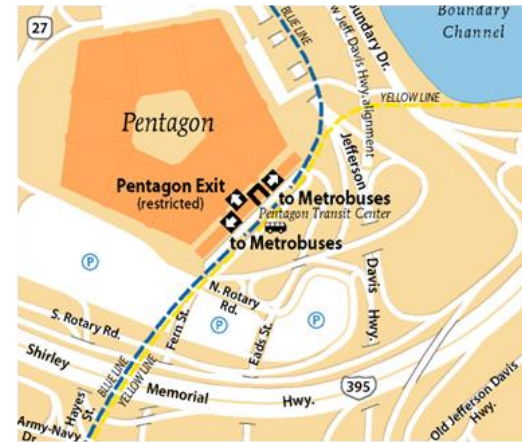
- Site mobilization for bus stop canopies and additional safety improvements for pedestrians has started, with construction planned to begin in August 2015.

- **Pentagon Transit Center**

- Guardrails, bomb resistant trash receptacles, and other access and safety & security treatments have begun installation and will continue through fall 2015.

- **Army Navy Drive Bus Bays:** TIGER will also fund partial construction of an alternative bus bay site on Army-Navy Drive, for which design is being finalized.

- 100% design is being completed, with the issuance of the construction package anticipated in August 2015, followed by bids and procurement.
- TIGER is providing \$656,000 for the initial construction of this project; approximately 25% of the preliminary total cost of \$2.5 million. The remainder of the funding has yet to be finalized.



❖ *Construction on all of these projects will continue into mid-2016. Delays could lead to these projects not being completed by the end of the grant.*



# TIGER Grant for Priority Bus Transit in the National Capital Region

- Propose to provide memorandum update to the TPB in September and a briefing in November on progress of the TIGER Grant.

## Questions?

