

COMPLETION OF THE TPB'S TIGER GRANT

Priority Bus Transit in the National Capital Region

Transportation Planning Board
December 21, 2016



Transportation Investments Generating Economic Recovery (TIGER)

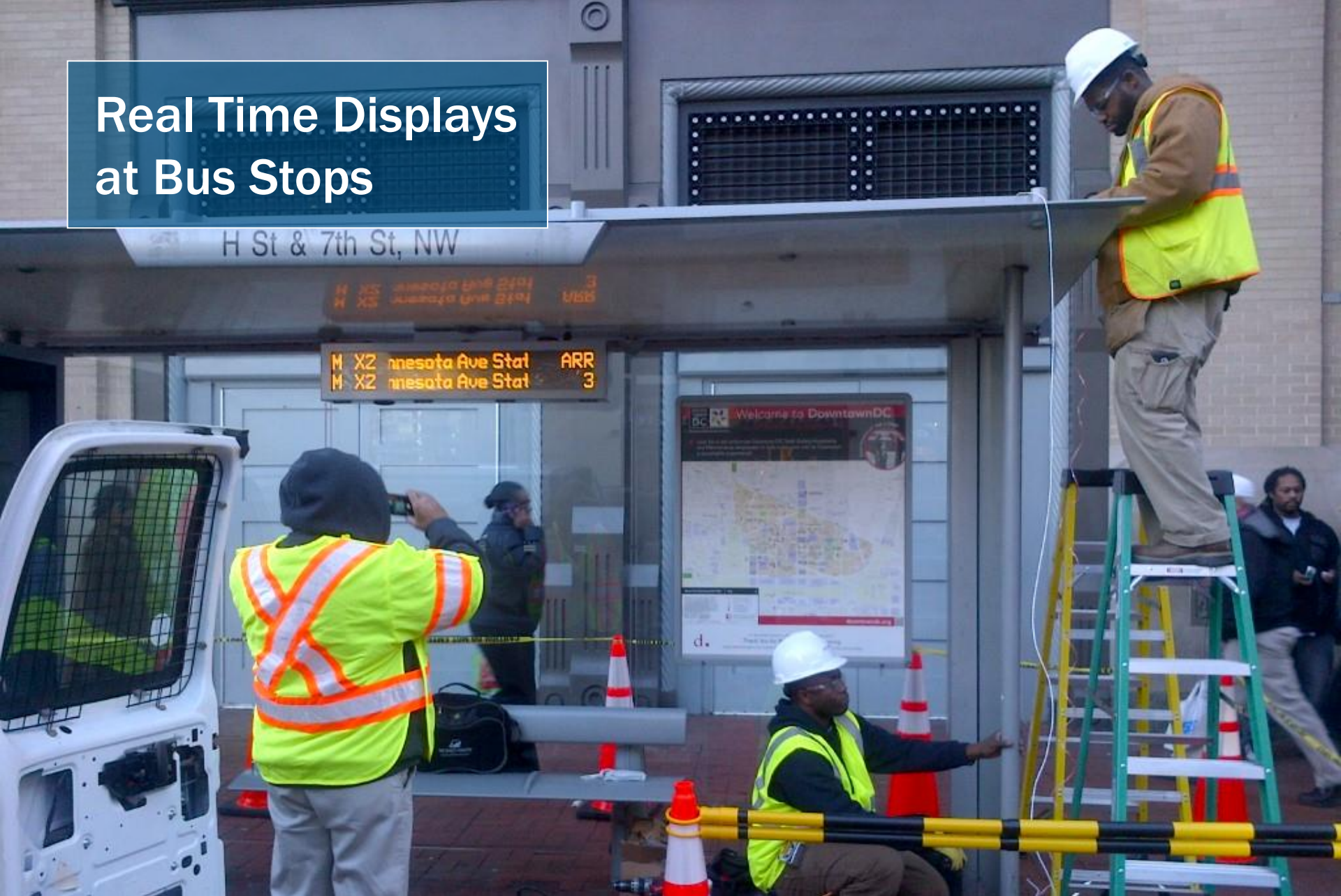
- \$58.8 million in federal TIGER funds awarded to the TPB in 2010.
- 15 bus projects in key transit corridors.



Potomac Yard Transitway



Real Time Displays at Bus Stops



Franconia-Springfield Transit Station Improvements



Takoma/Langley Transit Center



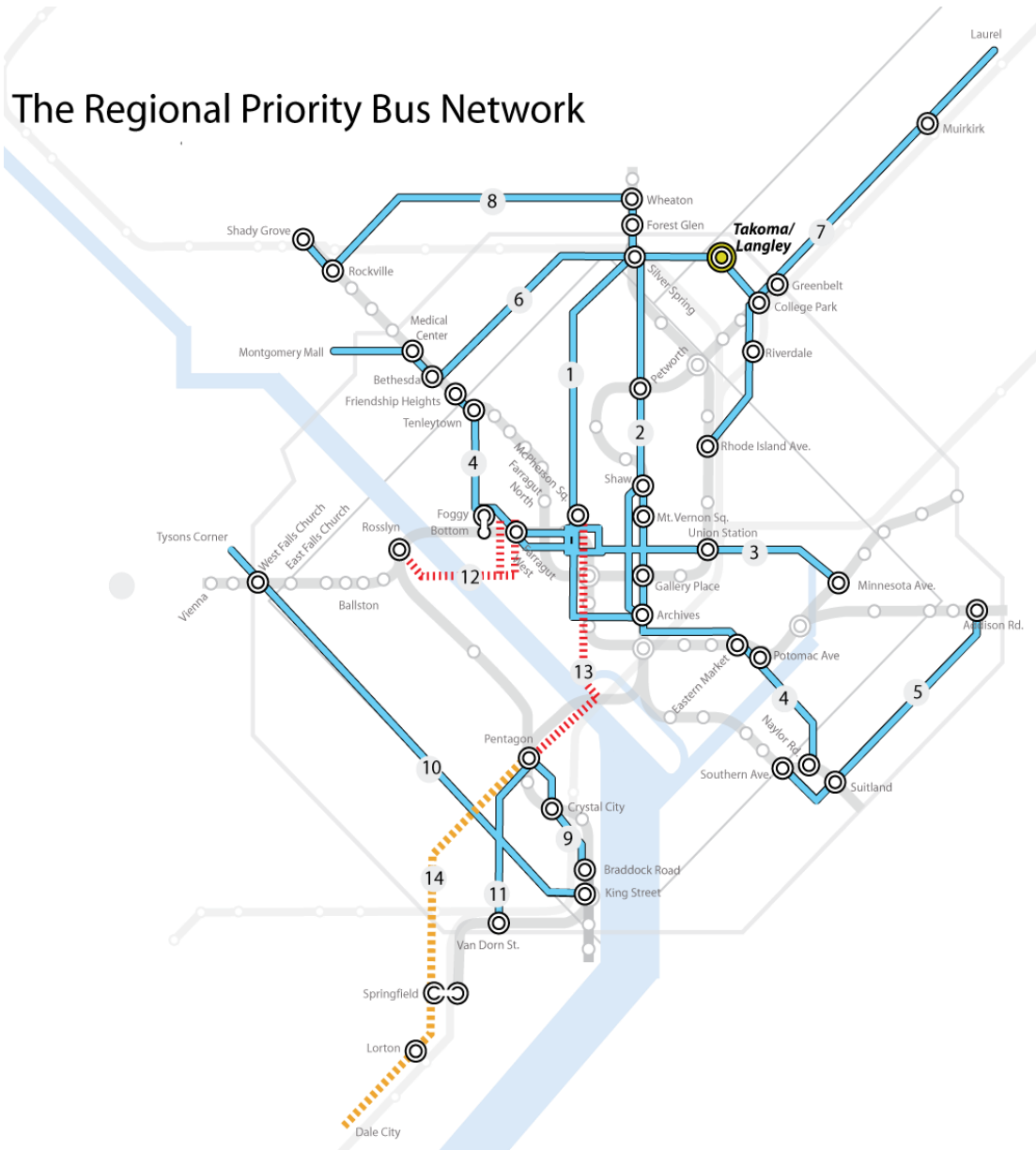
PRTC Buses



Potomac Local/Online



The Regional Priority Bus Network



- Priority Arterial Corridors**
- DC**
 - 1 16th St, Downtown to Wheaton
 - 2 Georgia Ave from Archives to Silver Spring
 - 3 H St / Benning Road, Minn. Ave to Franklin Sq.
 - 4 Wisconsin Ave, Naylor Rd to Friendship Heights
- MD**
 - 5 Addison Rd, Southern Ave to Addison Rd station
 - 6 University Blvd, Bethesda to College Park
 - 7 US 1, Laurel to Rhode Island Ave. station
 - 8 Veirs Mill Rd, Shady Grove to Silver Spring
- VA**
 - 9 US 1 Transitway, Potomac Yard
 - 10 VA 7, Alexandria to Tysons Corner
 - 11 Van Dorn-Pentagon, via Shirlington

- Express Bus on Bridges and Arterials**
- 12 Theodore Roosevelt Bridge, I-66 to K Street
- 13 14th St Bridge, I-395 to K Street

- Express Bus on Freeways**
- 14 I-95/395, Pentagon to Dale City

Transit Center Projects

Existing Metrorail

Bus/Rail Transfers

Implementing Agencies

- City of Alexandria
- District of Columbia
Department of Transportation
- Maryland Department of
Transportation
- Potomac and Rappahannock
Transportation Commission
- WMATA



mwcog.org/tpb

Metropolitan Washington Council of Governments
777 North Capitol Street NE, Suite 300
Washington, DC 20002



National Capital Region
Transportation Planning Board

#	Project Components (As Revised January 15, 2015)	Lead Agency	Budget
1	16th Street Bus Priority Improvements: Capital improvements include a queue jump lane, bus stop improvements, real time passenger information (RTPI) displays at 31 locations, and transit signal priority/traffic system management (left turn phase for bus) at 31 intersections.	DDOT	\$1,180,390
2	Georgia Avenue Bus Priority Improvements: Improvements included a short bus-only lane to alleviate current bus delays. Additionally, improvements include transit signal priority at 57 locations, bus stop improvements, queue jumps, and real time passenger information (RTPI) displays at 23 locations.	DDOT	\$5,854,262
3	H Street/Benning Road Bus Priority Improvements: This project implemented 28 RTPI displays and installed security cameras at select locations.	DDOT	\$447,109
4	Wisconsin Avenue Bus Priority Improvements : Capital improvements include transit signal priority at 42 locations and RTPI displays at 38 locations.	DDOT	\$1,310,953
5	Addison Road Improvements : This project included the replacement of bus shelters and installation of 5 real-time passenger information displays.	WMATA	\$213,789
6	University Boulevard Bus Priority Improvements: Improvements included installation of 10 RTPI displays and a series of bus stop enhancements along the corridor.	MDOT	\$165,539
8	Veirs Mill Bus Priority Improvements: Improvements included deployment of 8 RTPI displays.	MDOT	\$84,104
9	US 1 Transitway: A bus transitway in the median of US 1 within the city limits provides exclusive right of way for buses.	City of Alexandria	\$8,202,500
10	VA 7 (Leesburg Pike) Bus Priority Improvements: Transit signal priority was installed at 25 intersections along the corridor.	WMATA	\$1,024,227



11	Van Dorn-Pentagon Rapid Bus: The project included 7 transit signal prioritization locations, including a queue jump lane. Two RTPI displays were also intalled.	City of Alexandria	\$602,597
12	Theodore Roosevelt Bridge to K Street Bus Priority Improvements: Implemented an integrated transit signal priority and traffic signal optimization system along E Street, northbound 18th Street, and southbound 19th Street. Additionally, uninterruptable power supply installation was installed at 20 select traffic lights to prevent traffic signal outages following power interruptions.	DDOT	\$1,574,827
13	14th Street to K Street Bus Priority Improvements: Implemented an integrated transit signal priority and traffic signal optimization system along 14 th Street from the bridge to K Street. Additionally, uninterruptable power supply installation at 10 select traffic lights.	DDOT	\$2,478,373
14a	Pentagon and Franconia-Springfield Station Improvements: Station improvements at Pentagon Station and Franconia/Springfield Station, including bus bays, real time bus information, and traffic circulation/access/security improvements. Major technology improvements include 34 real-time bus information displays.	WMATA	\$9,830,534
14b	PRTC Buses and ITS Technology: This component included the replacement of 13 buses, with new vehicles using state-of-the-art clean-fuel technology. The project also includes security cameras outfitted on 15 buses and the procurement of computer-aided dispatch and automatic vehicle location (CAD/AVL) technology.	PRTC	\$9,638,036
TC	Takoma/Langley Transit Center: This transit center at the intersection of University Boulevard and New Hampshire Avenue consolidates the bus stops at the intersection into one facility (although some existing bus stops will still remain in order to prevent requiring pedestrians to cross busy roads to their final destinations). The transit center provides a safe, attractive, comfortable and efficient facility for passengers and improve pedestrian safety and accessibility.	MDOT	\$14,415,188
TOTAL CONSTRUCTION COSTS FOR 15 COMPONENT PROJECTS			\$57,022,056

