



May 22, 2018

The Honorable Michael O'Reilly
Commissioner
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Dear Commissioner O'Reilly:

Knowing of your interest, I am writing to update you on two of WMATA's major capital projects: the installation of wireless in our rail system stations and the cell phone project, which was mandated in the Passenger Rail Investment and Improvement Act (PRIIA). I am pleased to report that we have made progress with both projects since my letter to you on October 27, 2016.

The radio and cellular infrastructure replacement project underway will provide a new state-of-the-art Metro Area Radio System for the Authority; a new Public Safety Radio System (PSRS) in the underground tunnel system, as well as access to Metro's entire radio system to our jurisdictional partners; and new cellular infrastructure in the underground tunnel system for wireless providers.

As you know, as part of the cable management for the project, WMATA is utilizing a double "snack-tray" to install the cables needed for both the cell phone and new radio system installation. Installation of the "cable management" equipment has been completed on the walls of roughly 60 miles of tunnel (60 percent complete) and new cable has been installed in approximately 40 miles of tunnel (40 percent complete). The project remains on schedule, with anticipated activation of the radio system expected by the end of 2021 and additional supplemental coverage areas (in-building coverage) expected by the end of 2022.

To date, approximately \$50.95 million of the \$333.352 million estimated project budget has been invested. The majority of the amount spent thus far has concentrated on the design efforts and installation of the cable infrastructure in the underground tunnel system, as noted above.

The following is an updated chart of the installation thus far. As you know, WMATA is responsible for the installation of the cable needed for AT&T, T-Mobile, Sprint and Verizon to provide cell phone service. Once the cable work

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Transit Authority**

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has been completed in a section of the tunnel the wireless carriers are responsible for ensuring the service is available.

Activity	Line	Start infrastructure Installation	DAS Infrastructure Installation Complete	Cell Phone Availability
Glenmont to Silver Spring	RD	1/2/16	3/31/17 Actual	4/28/17 Actual
Potomac Avenue to Stadium Armory	BL/OR/SV	7/15/16	10/31/16 Actual	11/30/16 Actual
Metro Center to Potomac Ave	BL/OR/SV	4/1/17	8/8/17 Actual	8/15/17 Actual
Benning Road to Largo Town Center Benning Road to Addison Addison to Largo Town	BL/SV	8/9/17	9/18/17 Actual	Actual 11/22/17 Scheduled 6/15/18
College Park to Gallery Place	GN/YL	9/19/17	4/17/18 Actual	5/31/18
Union Station to DuPont Circle	RD	4/18/18	7/2/18	8/31/18
Metro Center to Rosslyn	BL/OR/SV	7/3/18	8/16/18	9/30/18
Rosslyn to Ballston	OR/SV	8/17/18	11/11/18	12/30/18
Pentagon to King Street	BL/YL	11/12/18	2/28/19	4/30/19
Gallery Place to Southern Ave & Suitland to Branch Ave	GR/YL	3/1/19	9/8/19	11/15/19
DuPont Circle to Medical Center & Grosvenor to White Flint	RD	9/9/19	5/4/20	6/30/20

On April 27, 2017, Metro announced that we are installing free customer Wi-Fi service in our stations. There are 36 stations that are on-air today and the balance of the underground stations are scheduled to be on-air by June 20, 2019.

As an FCC Commissioner you have a unique expertise and understand the challenges of this ground breaking project. In fact, in your leadership role, if you could identify grants or federal funding opportunities to support the program, it would be a great assistance as Metro faces a capital funding need of \$25 billion.

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I would welcome your suggestions on possible funding sources or support on any aspect of the project.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul J. Wiedefeld", with a stylized flourish at the end.

Paul J. Wiedefeld
General Manager and
Chief Executive Assistant