



DC Circulator Update: Year of Transformation

d.

Regional Public Transportation Subcommittee

November 27, 2018

Background

- Six easy to understand routes:
 - Woodley Park – Adams Morgan – McPherson Square
 - Georgetown – Union Station
 - Dupont Circle - Rosslyn
 - L'Enfant Plaza – Eastern Market Station
 - Congress Heights Station – Union Station
 - National Mall
- 4th Largest Regional System
- High Frequency Service (all day, 10-minute headways)
- Simple and affordable fare structure (\$1 fare for all routes)
- Distinctive and comfortable buses with Wi-Fi and USB ports
- Approximately 5 million trips in 2017
- 136 Bus Stop Locations



Challenges Emerge

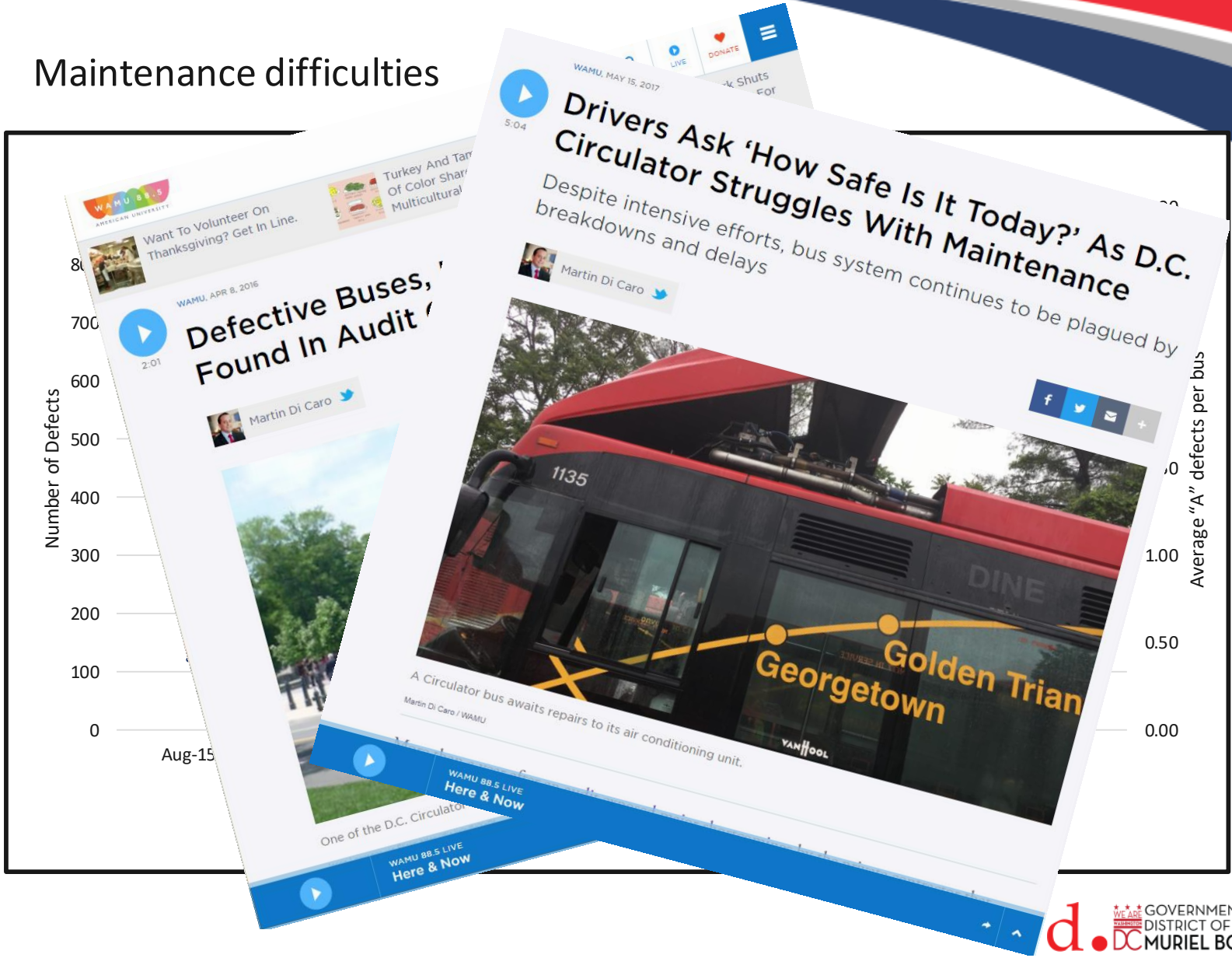
- Age of equipment
 - Van Hool vehicles were aging
 - Models presented maintenance challenges

Sub-Fleet	Number	Proportion of Fleet	Vehicle Age in 2017
2003-2004 Van Hool	29	43%	14
2009 30' Van Hool	14	21%	8
2009 40' Van Hool	6	9%	8
2014-2015 New Flyer	18	27%	3
Total	67		9 (average)



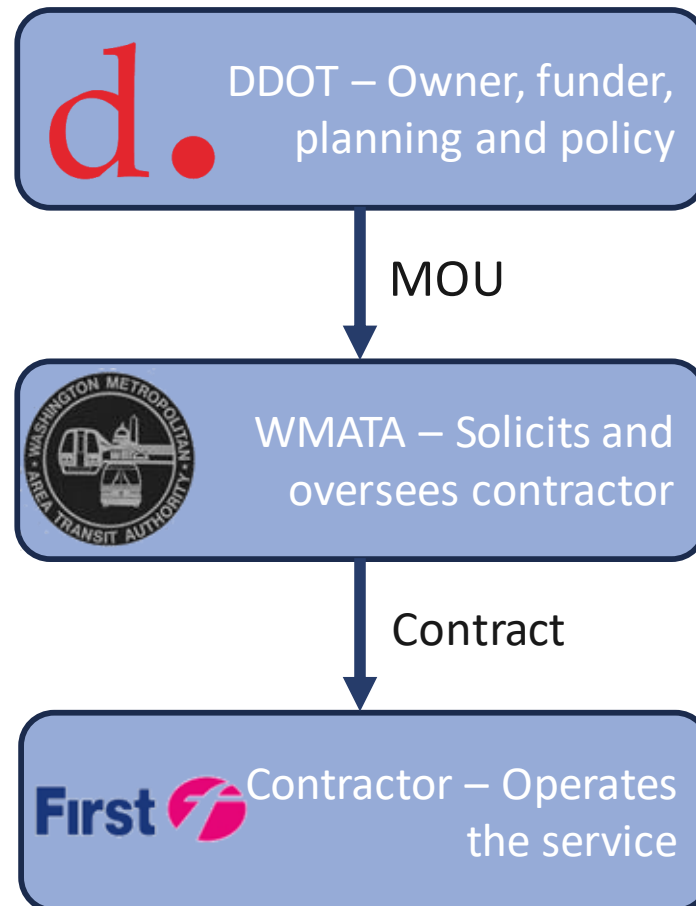
Challenges Emerge

- Maintenance difficulties



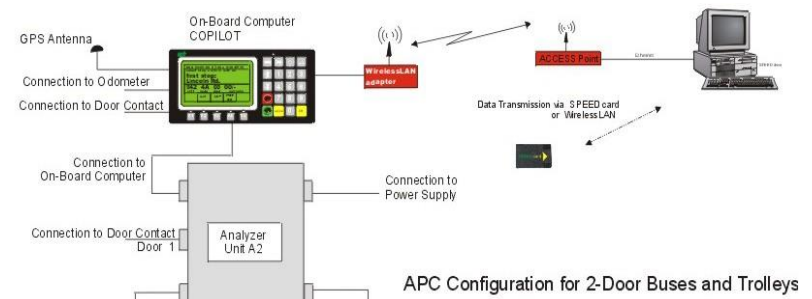
Challenges Emerge

- Complicated DDOT-WMATA-Contractor relationship



2015 – 2016: Planning for Change

- National Mall Route
- New bus purchases
- Need to move system's technology forward through ITS strategy



2017 – 2018: Year of Transformation

- Transit Development Plan Update
 - Service changes included restructuring of two routes
 - Audi Field service

PS and US-NY, Modified Routes



2017 – 2018: Year of Transformation

- New vehicle delivery
 - Clean Diesel New Flyers
 - BEB infrastructure and pilot with Proterra



2017 – 2018: Year of Transformation

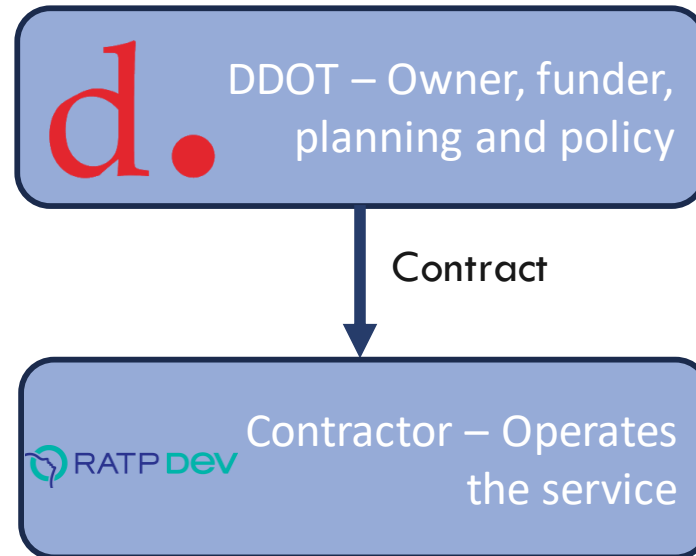
- Most old vehicles have been replaced
- Average vehicle age has been reduced by two-thirds
- Planning new procurement to replace oldest vehicles

Sub-Fleet	Number	Proportion of Fleet	Vehicle Age in 2018
2009 30' Van Hool	14	19%	9
2014-2015 New Flyer	18	25%	4
2017 New Flyer	26	36%	1
2017 Proterra	14	19%	1
Total	72		3 (average)



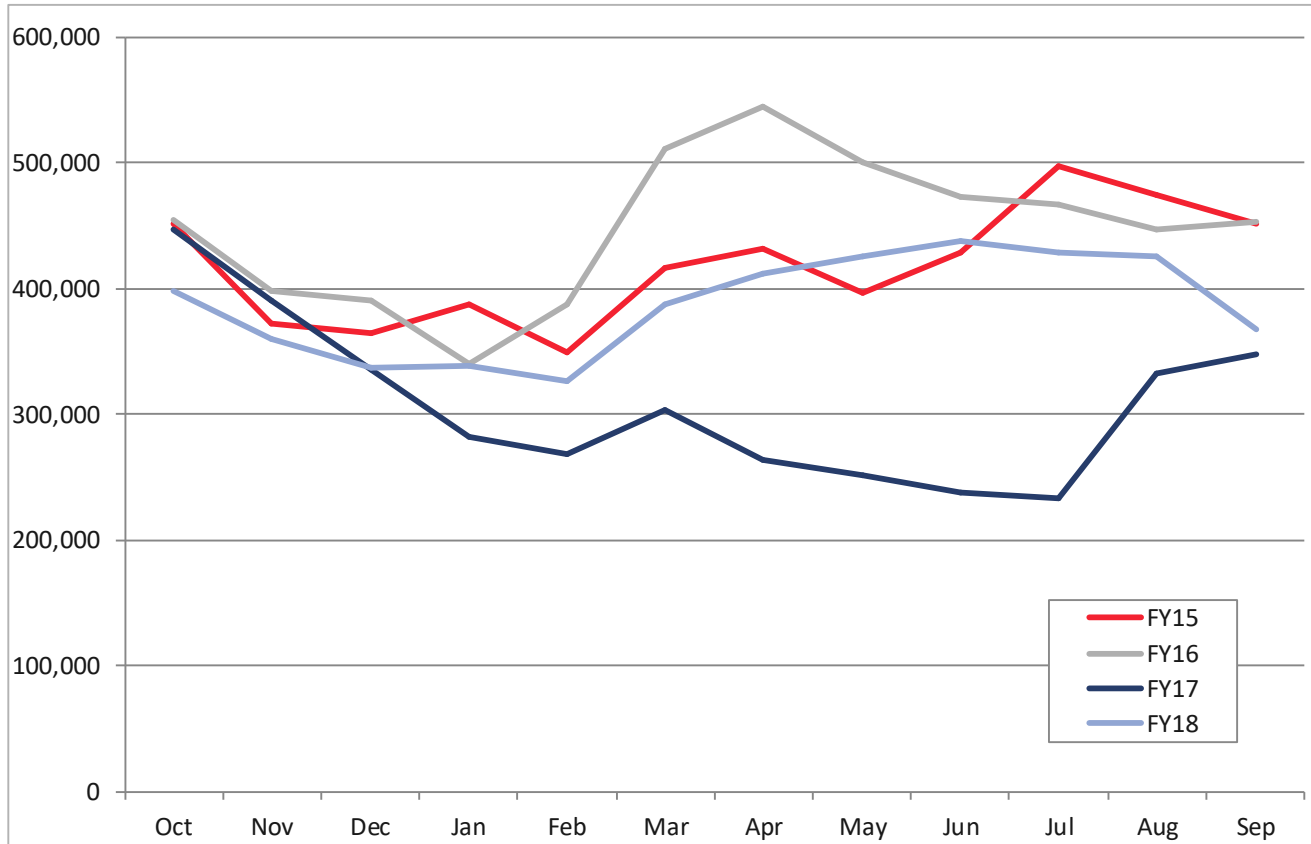
2017 – 2018: Year of Transformation

- Issued Operations and Maintenance RFP in 2017
- Awarded in summer 2018
- Simplified DDOT-Contractor relationship
- DDOT directly holds and oversees the contract
- Contractor is under strong performance standards



2017 – 2018: Year of Transformation

- Ridership has stabilized



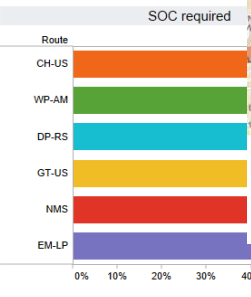
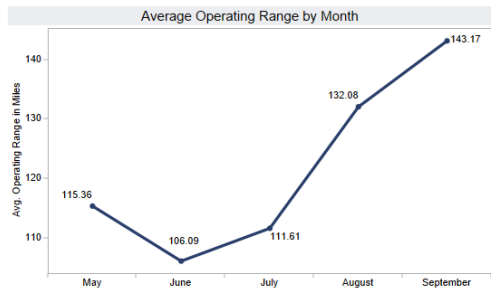
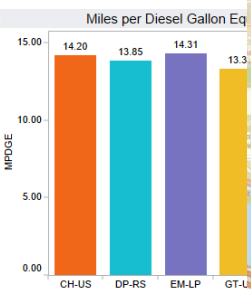
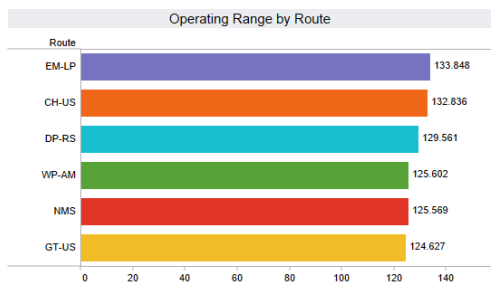
Fiscal year	Total ridership
FY15	5,021,485
FY16	5,364,995
FY17	3,692,196
FY18	4,645,318

2019 and Beyond

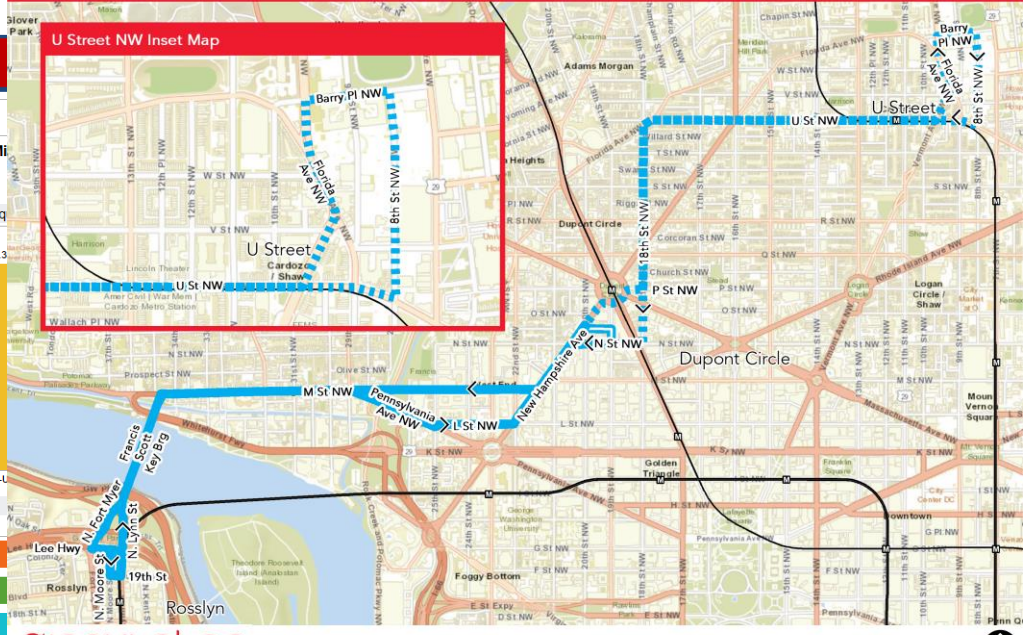
- Further assessment of BEB technology through multi-phase pilot
- Intelligent transportation systems strategy
- Explore strategies to increase ridership

d. Circulator Pilot Program Dashboard

75,122	10,779	129.04
Miles Traveled	Running Hours	Miles Operating Range

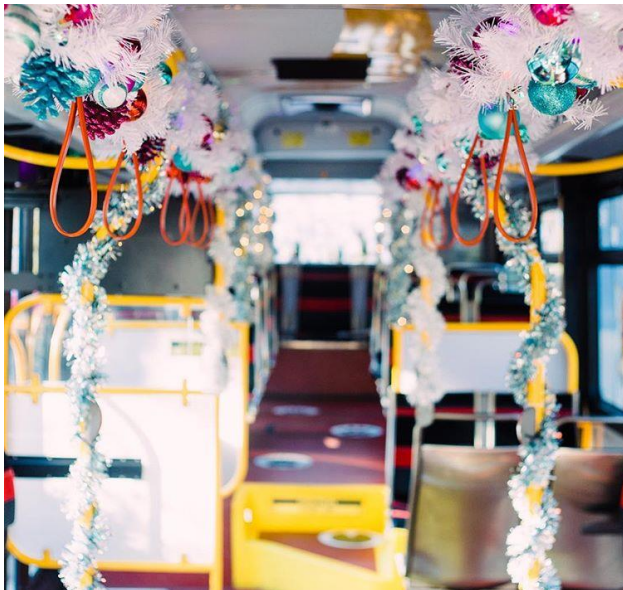


RS-DP, Modified Route



Holiday Marketing

- Circulator is providing a shuttle to ZooLights
- Ride the Winter Wonder Bus!



Winter Wonder Bus Schedule

November 23 - November 30

National Mall

December 1 - 8

Georgetown - Union Station

December 9 - 15

Eastern Market - L'Enfant Plaza

December 16 - 22

Dupont Circle - Georgetown - Rosslyn

December 23 - December 29

Congress Heights - Union Station

December 30 - January 1

Woodley Park - Adams Morgan -

McPherson Square



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