

Metrobus Hot Spots

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11/27/2018



Purpose

- To provide a sense of where Metrobus incurs the greatest delay or travel time for regional prioritization and future analysis

Background

- 2012 TPB study "Multimodal Coordination for Bus Priority Hot Spots" study
 - Top 15 per jurisdiction
- June – September 2018 data
 - Boardings averaged daily

Multimodal Coordination
for Bus Priority Hot Spots

Task 2 Technical
Memorandum -
Development of
Regional
Hot Spots List

Submitted to:

National Capital Region
Transportation Planning
Board

Submitted by:

**PARSONS
BRINCKERHOFF**

 FOURSQUARE INTEGRATED
TRANSPORTATION PLANNING

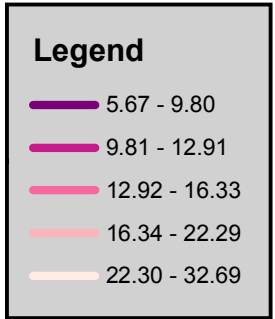
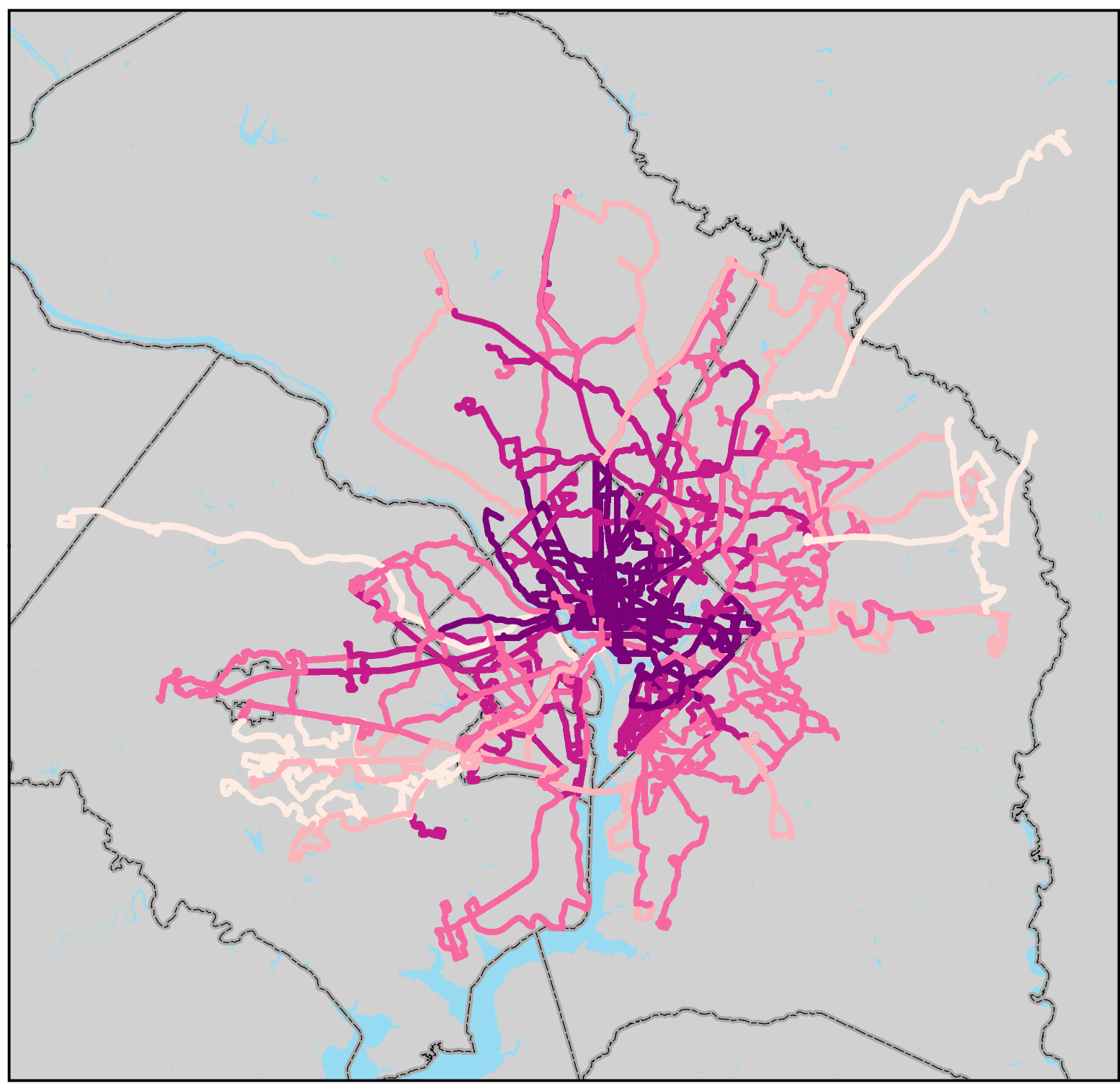


January 2012



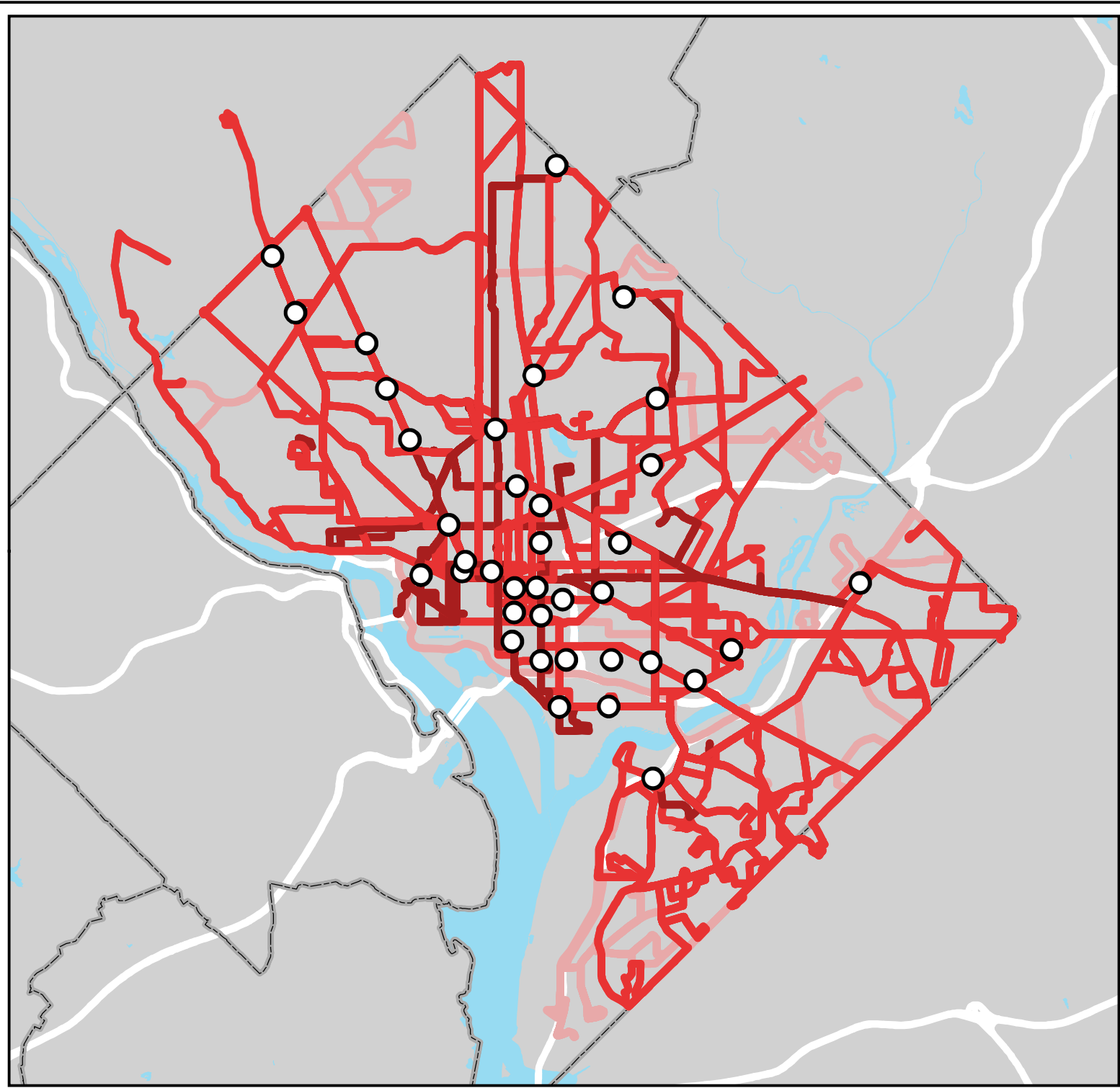
Systemwide

Route Speed





District of Columbia



DC

Top 10 Slowest

Route	Speed
43	5.7
H1	6.0
42	6.2
D1	6.4
G2	6.6
L1	7.0
90	7.0
52	7.1
54	7.2
80	7.2

Legend

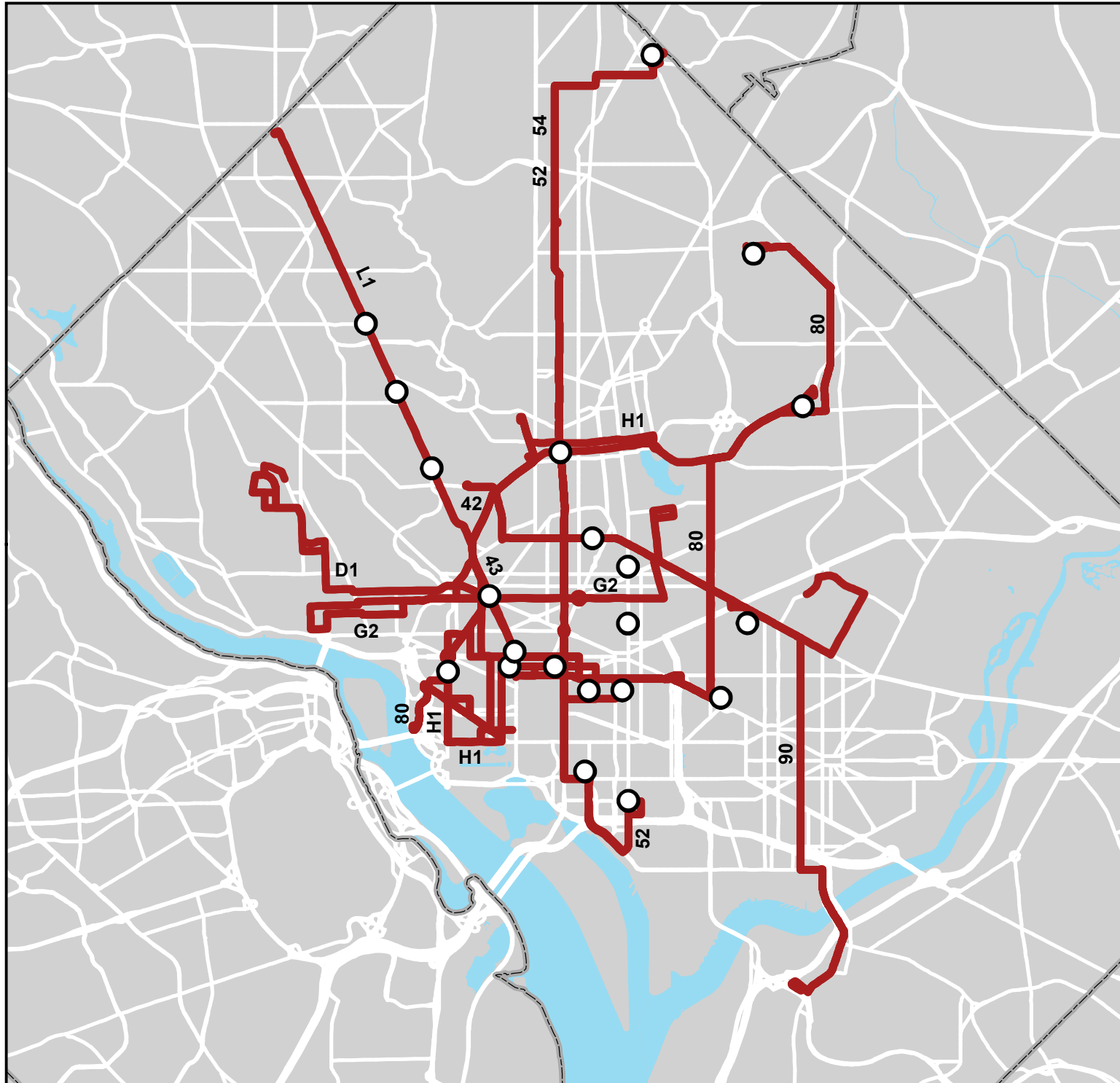
- Metrorail Stations

Average Route Speed

- < 7.5 mph
- < 10 mph
- > 10 mph

0 0.5 1 2 Miles



DC

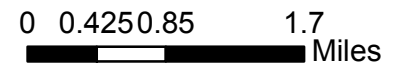


Top 10 Slowest

Route	Speed
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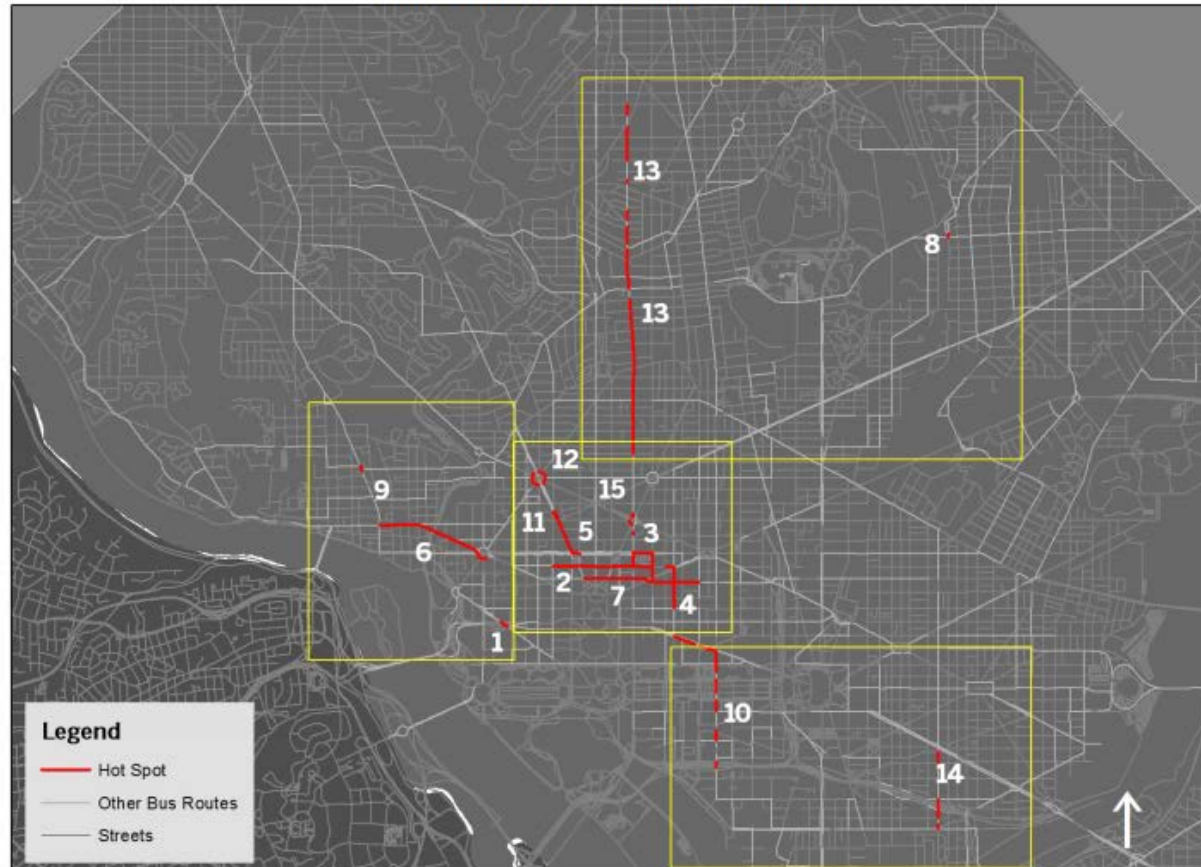
Legend

-  Metrorail Stations
-  Top 10 Slowest

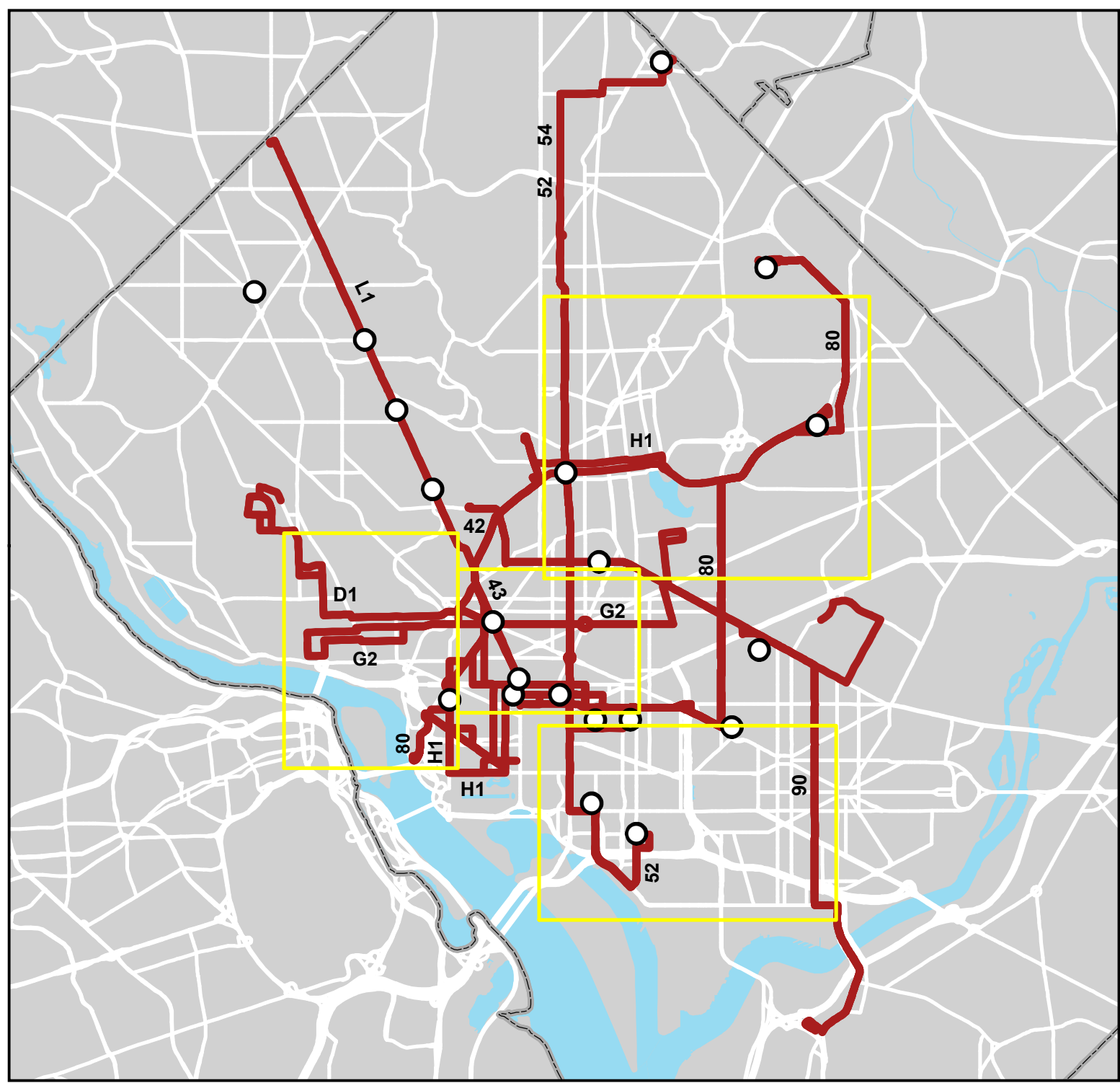


DC Hot Spots – January 2012

Figure 9: Hot Spot Locations in Washington DC





DC

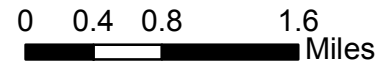


Top 10 Slowest

Route	Speed
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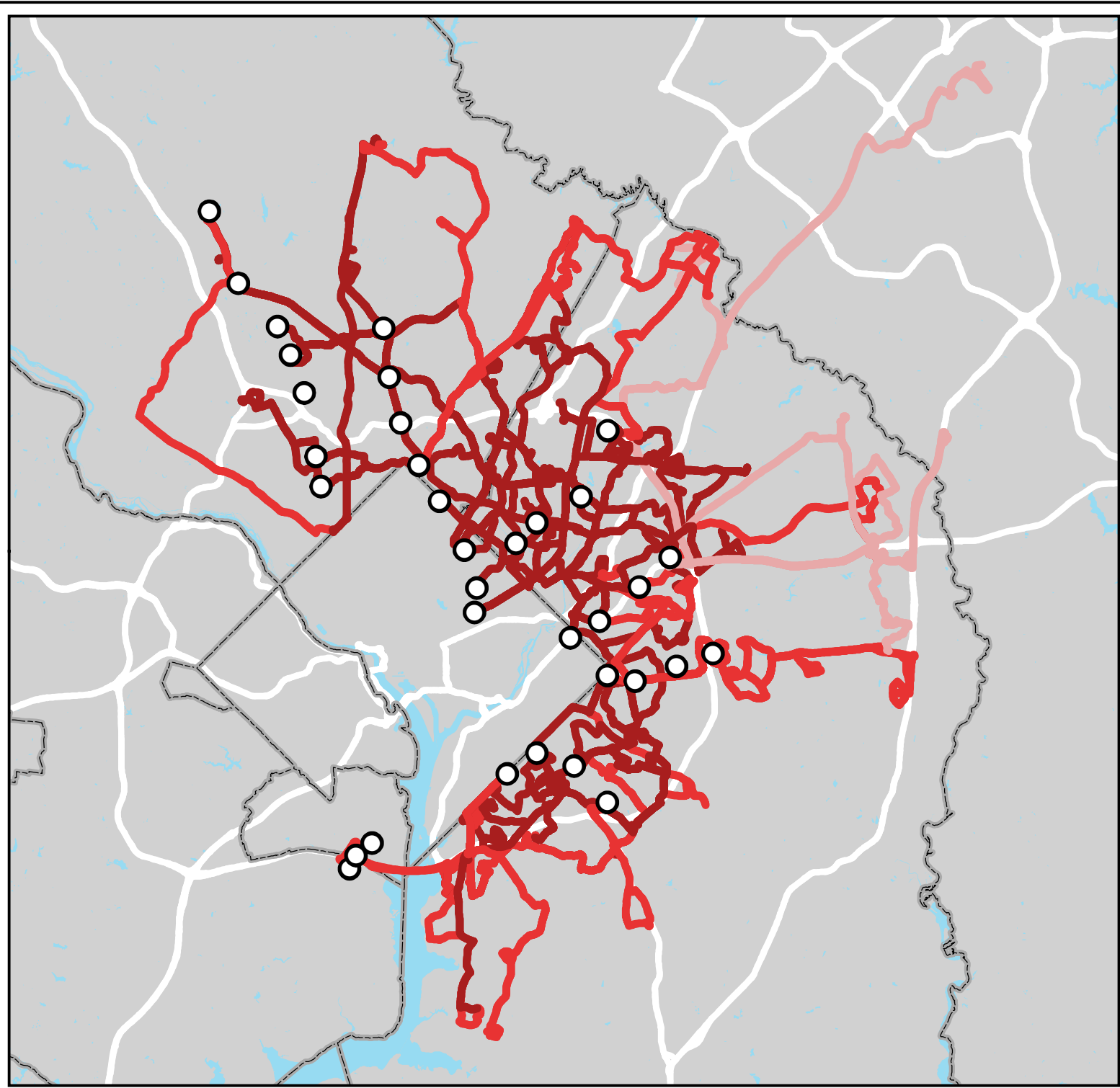
Legend

-  Metrorail Stations
-  Top 10 Slowest





Maryland



MD

Top 10 Slowest

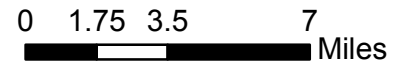
Route	Speed
F4	10.6
Y7	10.8
R4	10.8
R1	11.0
J4	11.2
K6	11.6
J2	11.9
T18	12.2
Y8	12.2
F8	12.3

Legend

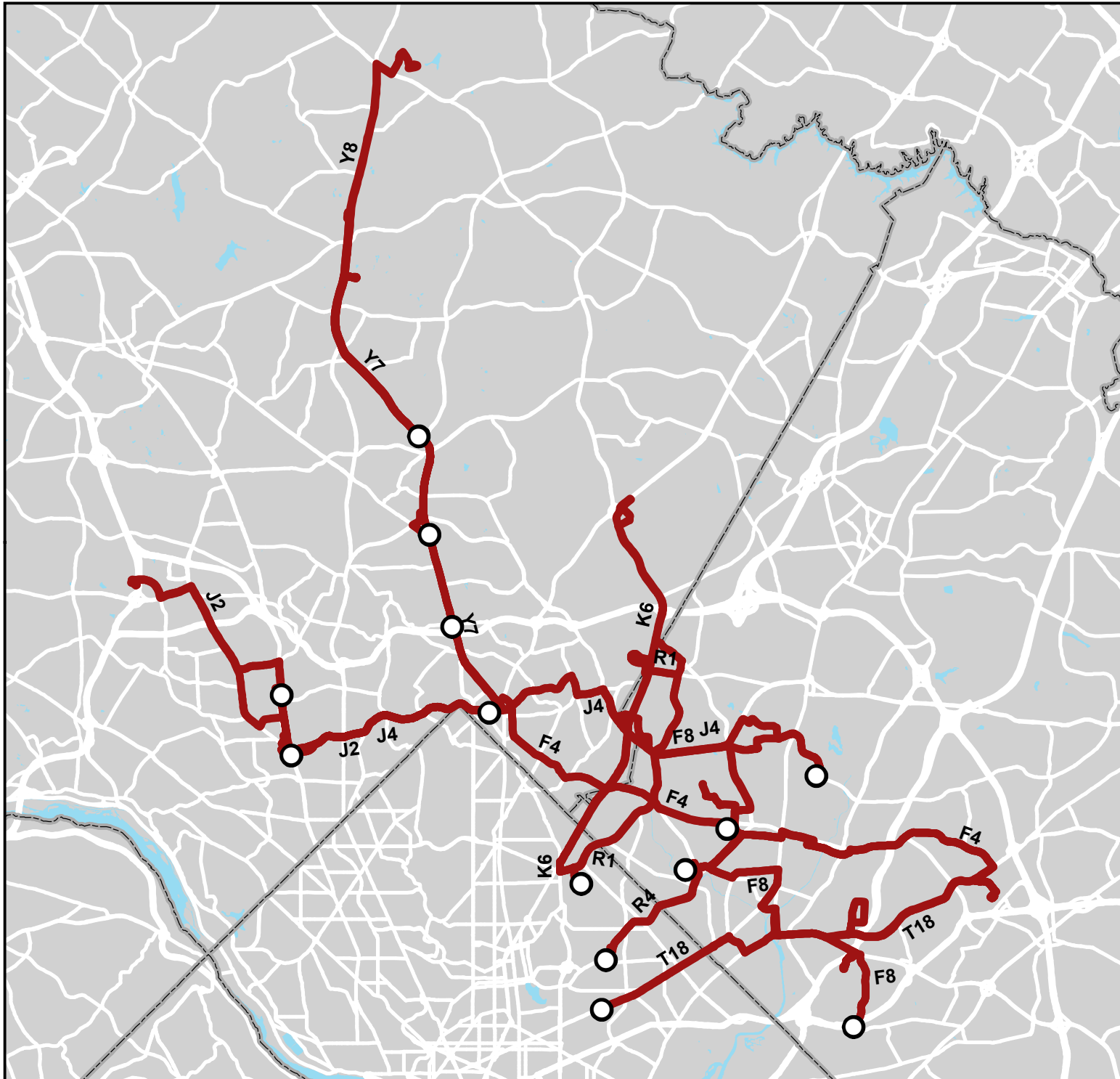
- Metrorail Stations

Average Route Speed

- < 15 mph
- < 20 mph
- < 30 mph





MD

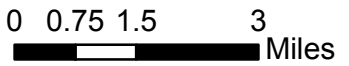


Top 10 Slowest

Route	Speed
F4	10.6
Y7	10.8
R4	10.8
R1	11.0
J4	11.2
K6	11.6
J2	11.9
T18	12.2
Y8	12.2
F8	12.3

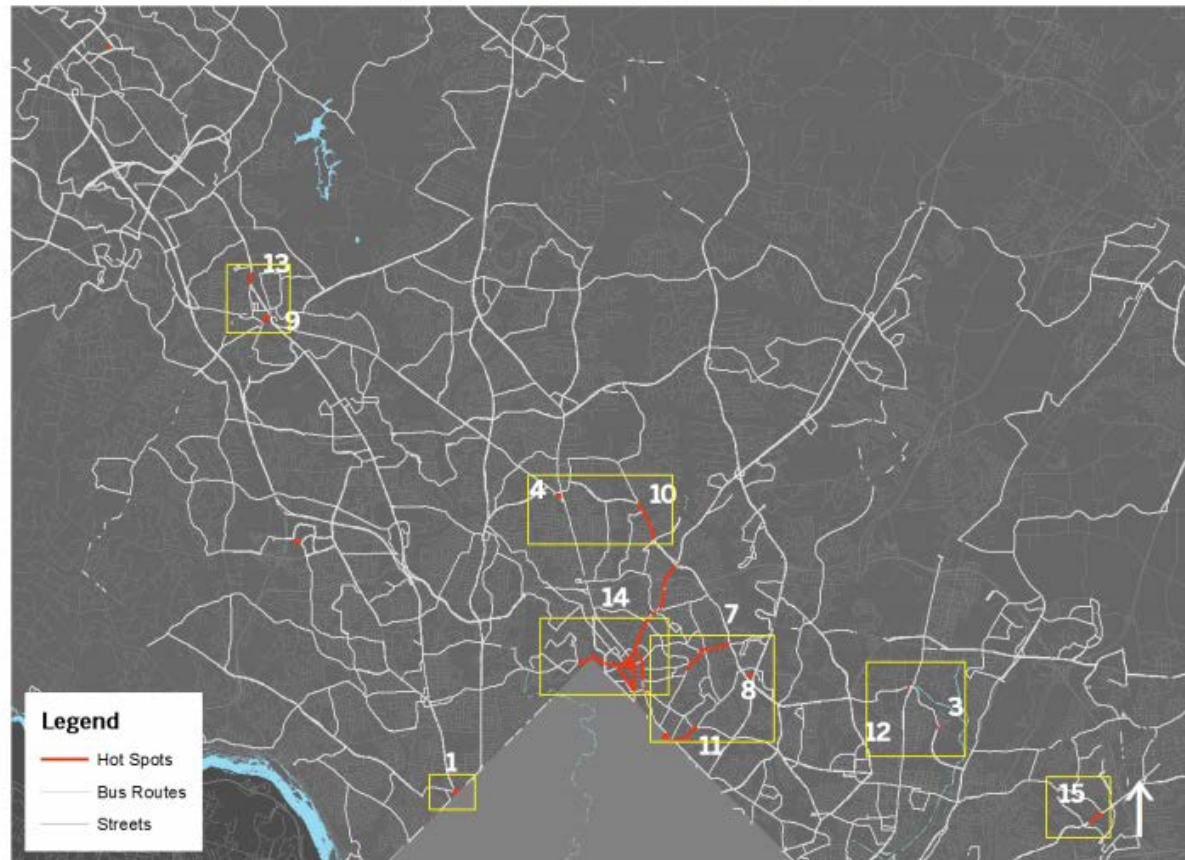
Legend

-  Metrorail Stations
-  Top 10 Slowest

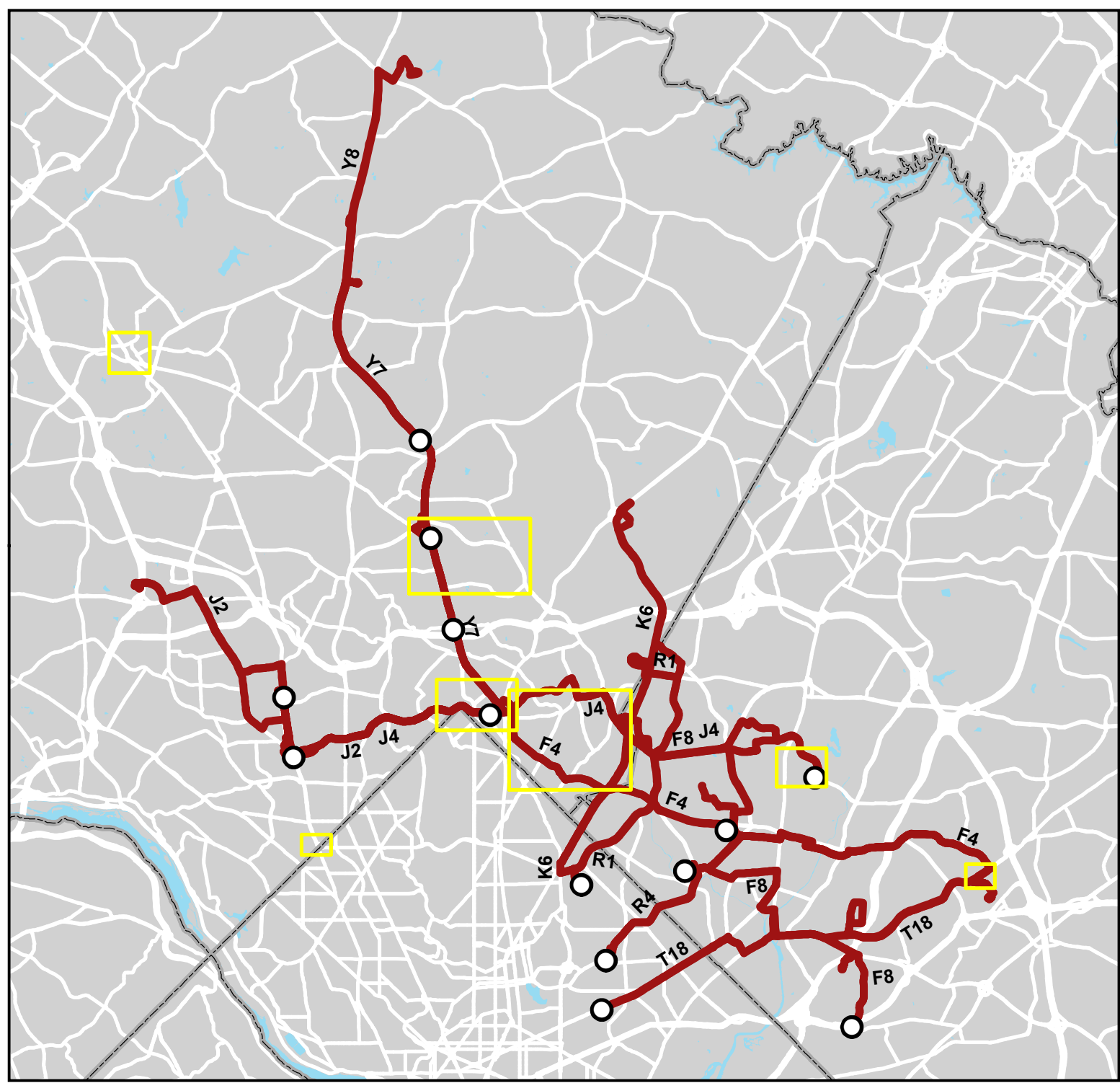


MD Hot Spots – January 2012

Figure 11: Hot Spot Locations in Maryland





MD

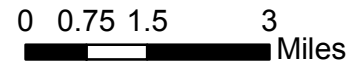


Top 10 Slowest

Route	Speed
F4	10.6
Y7	10.8
R4	10.8
R1	11.0
J4	11.2
K6	11.6
J2	11.9
T18	12.2
Y8	12.2
F8	12.3

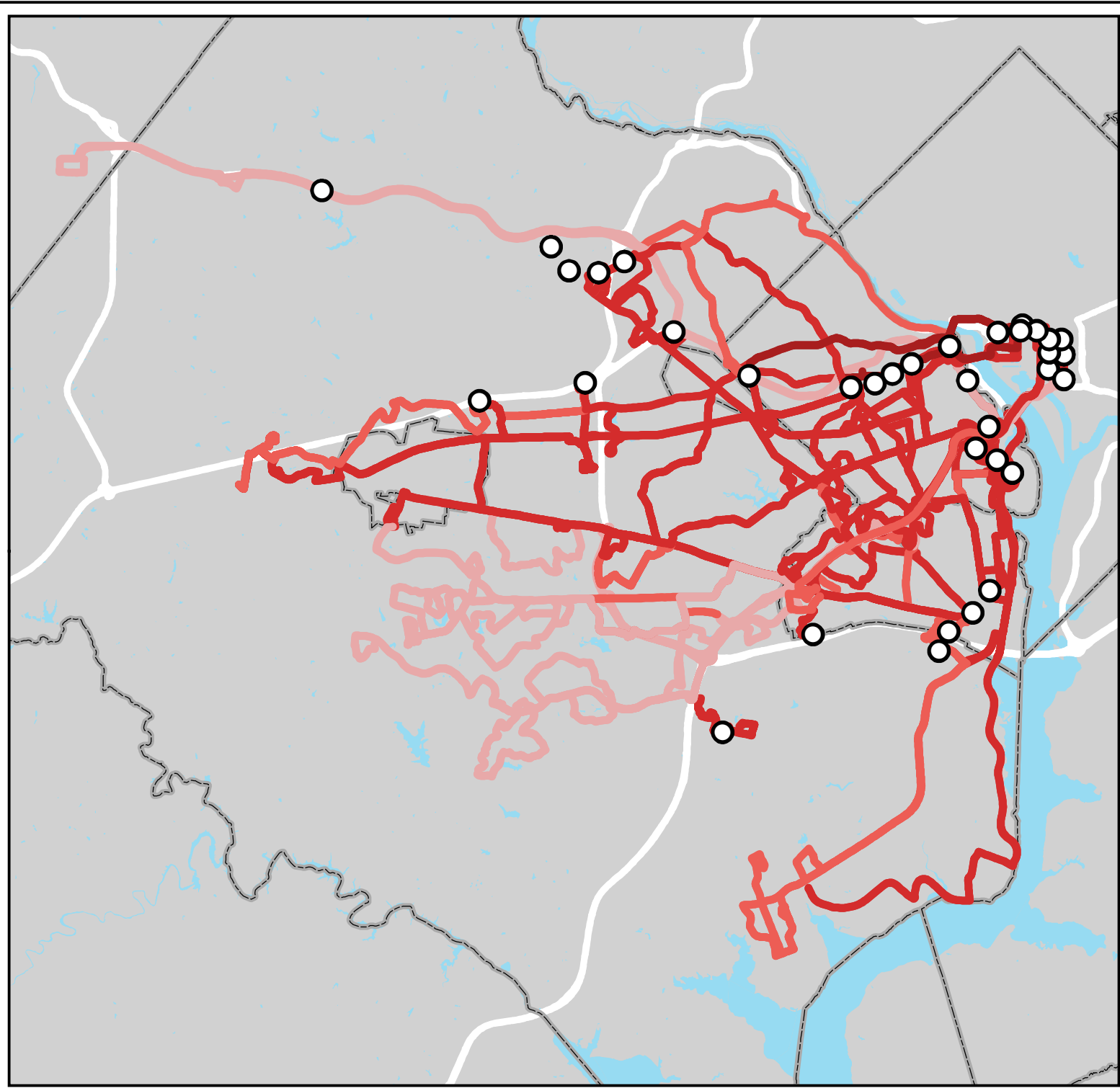
Legend

-  Metrorail Stations
-  Top 10 Slowest





Virginia



Top 10 Slowest

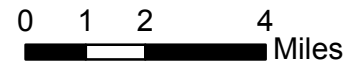
Route	Speed
38B	7.9
3Y	9.7
16Y	10.2
10E	10.6
16H	10.6
10B	10.6
25B	10.7
23B	10.8
4B	10.8
MW1	10.9

Legend

○ Metrorail Stations

Average Route Speed

- < 10 mph
- < 15 mph
- < 20 mph
- > 20 mph





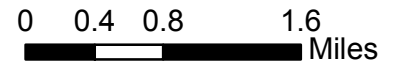


Top 10 Slowest

Route	Speed
38B	7.9
3Y	9.7
16Y	10.2
10E	10.6
16H	10.6
10B	10.6
25B	10.7
23B	10.8
4B	10.8
MW1	10.9

Legend

-  Metrorail Stations
-  Top 10 Slowest



VA Hot Stops – January 2012

Figure 13: Hot Spot Locations in Virginia



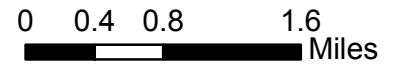


Top 10 Slowest

Route	Speed
38B	7.9
3Y	9.7
16Y	10.2
10E	10.6
16H	10.6
10B	10.6
25B	10.7
23B	10.8
4B	10.8
MW1	10.9

Legend

- Metrorail Stations
- Top 10 Slowest



Action Items



- What information would be of use to local DOTs to aid in addressing “Slow Corridors?”
- Establish priority projects for study to determine root causes of delay and subsequent actions
- Develop a series of milestones for implementing recommendations

Next Steps



- Create a Bus Transit travel speed monitoring protocol for MWCOCG/TPB reporting similar to Primary Highway Program
- Assign monitoring and mitigation task to a TPB committee