



Maryland Freight Planning

BRTB Technical Committee Meeting

Updating MDOT Strategic Goods Movement Plan 2015

Identifying Critical Urban and Rural Freight Corridors

May 2, 2017

MDOT Key Freight Themes

- Meeting MAP-21 & FAST Act Requirements
- National Highway Freight Program
- National Multimodal Freight Policy
- **MDOT Strategic Goods Movement Plan**
- **Critical Urban and Rural Freight Corridors**

MDOT Freight Plans

- Statewide Freight Plan (SFP) 2009
 - » Identified 100 projects costing over \$35 billion
- Strategic Goods Movement Plan (2015)
 - » Identified freight policy over the next 5 years (per MAP-21)
- Strategic Goods Movement Plan Update
 - » Freight Investment Plan (per FAST Act and MAP-21)
 - » Performance standards (per FAST Act and MAP-21)
 - » FAST Act requirements
 - Primary highway freight network, critical freight corridors

FAST Act Requirements 2015

- Update Strategic Goods Movement Plan to be FAST Act and MAP-21 Compliant
- National Highway Freight Network NHFN
- Primary Highway Freight System PHFS
- Non-PHFS Interstate Routes
 - » Critical Urban Freight Corridors (CUFC)
 - » Critical Rural Freight Corridors (CRFC)

Primary Highway Freight System



Critical Urban Freight Corridors

- Supported by MPOs
- Connects an intermodal facility to the PHFS or Interstate Highway
- Located in corridor of a route on the PHFS and provides redundancy
- Serves a major freight generator, logistics center, or manufacturing/warehouse
- 75 Mile Limit

Urban Corridor Mileage by MPO

MPO	Miles
Baltimore Metropolitan Council	25
Cumberland Area MPO	5
Hagerston/Eastern Panhandle MPO	5
Metropolitan Washington COG	25
Salisbury/Wicomico MPO	5
St. Mary's Calvert MPO	5
Wilmapco	5
Total	75

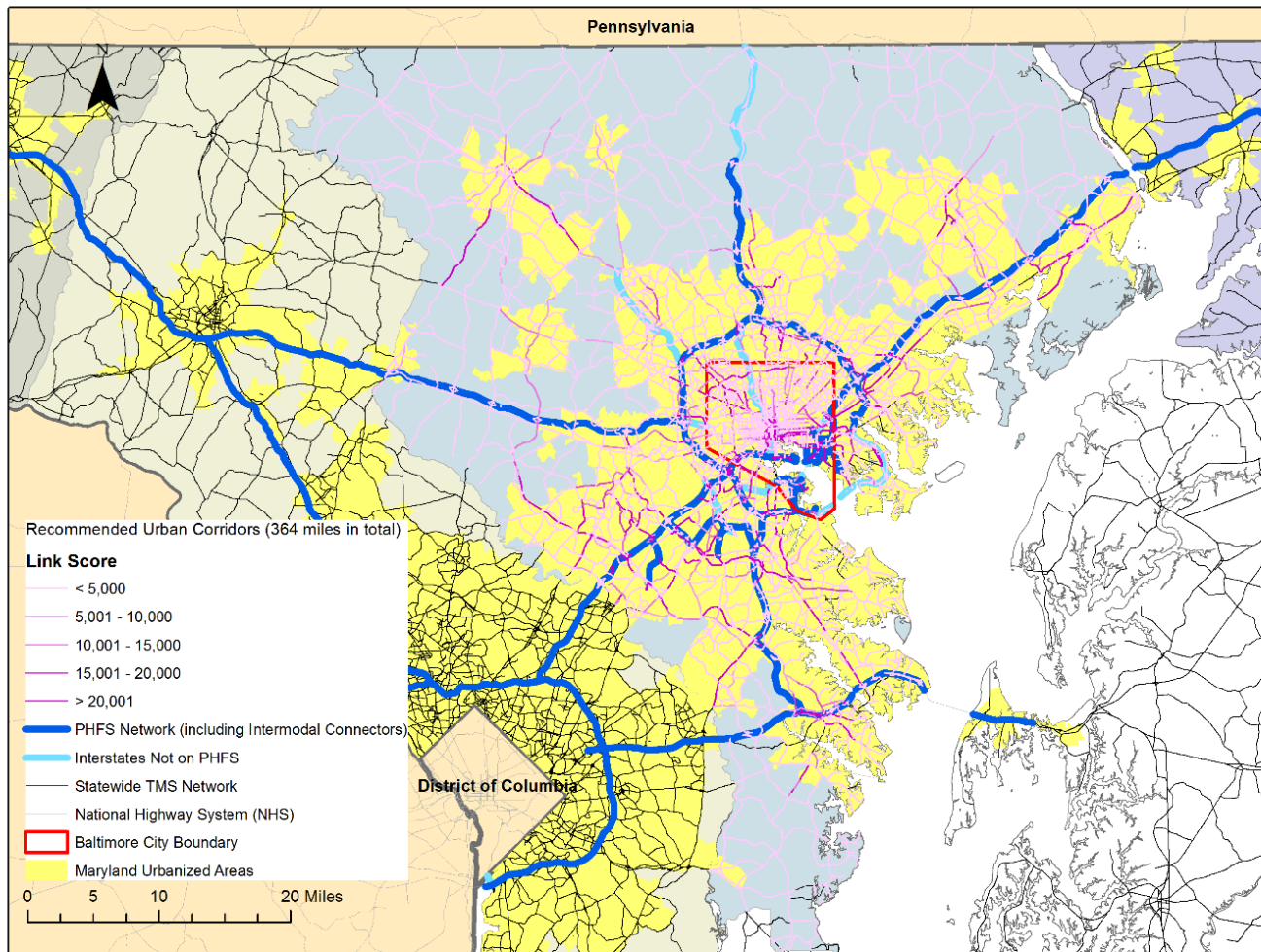
Corridor Tool Methodology

- US Econ Census 2012, freight businesses
- Assigned freight density by zip code
- Assigned truck volumes using AADTT
- Connections to intermodal facilities
- Congestion/Bottleneck Maps as lens
- Working with seven MPOs on priority lists

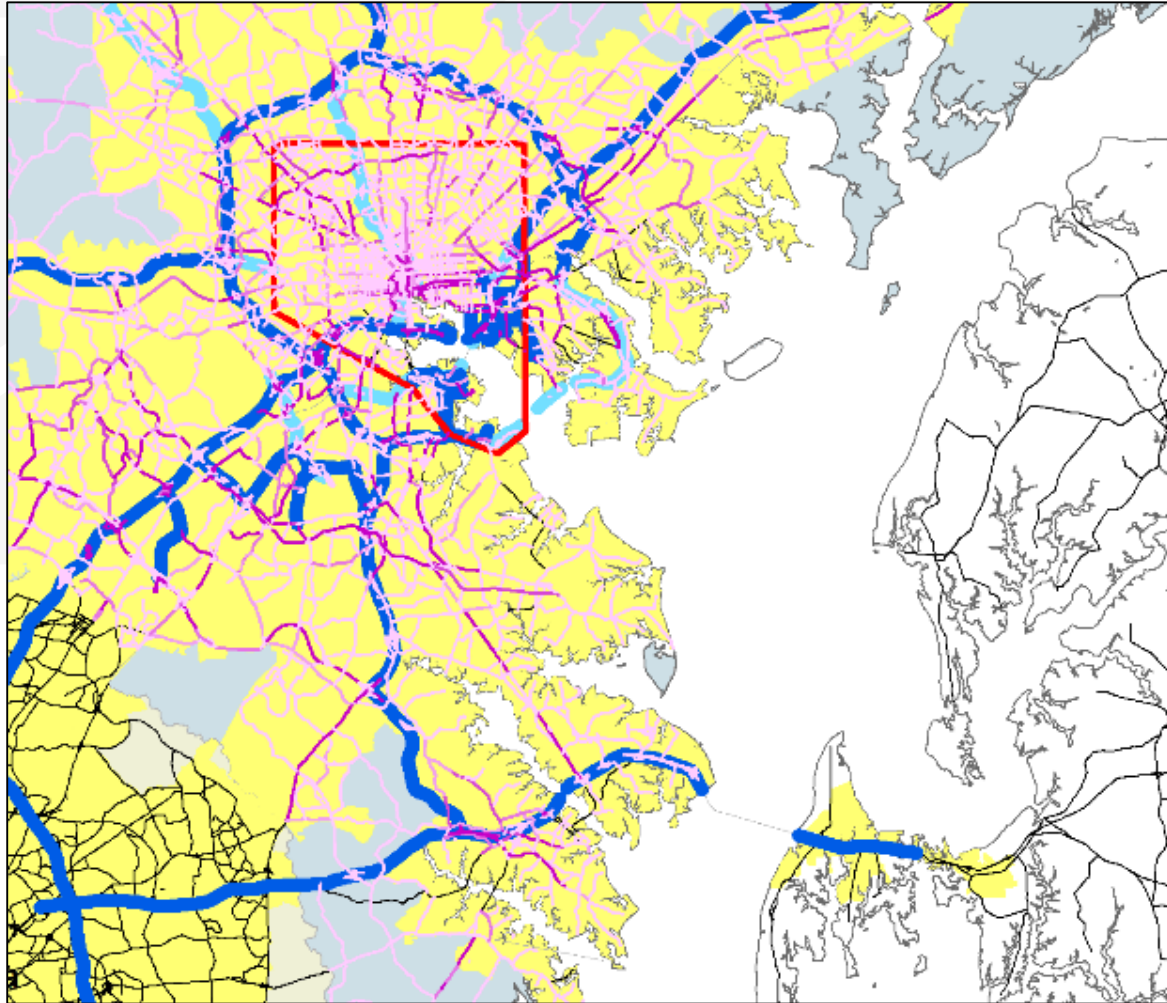
MPO Top Concerns

- Last mile/First Mile considerations
- Understanding the Supply chain in Maryland
- Connectivity to National Highway Freight Network
 - » Southern MD
 - » Eastern Shore
- Tying into other States SFP (i.e., DeIDOT) and the critical Maryland routes they identify
- Illegal Truck Parking

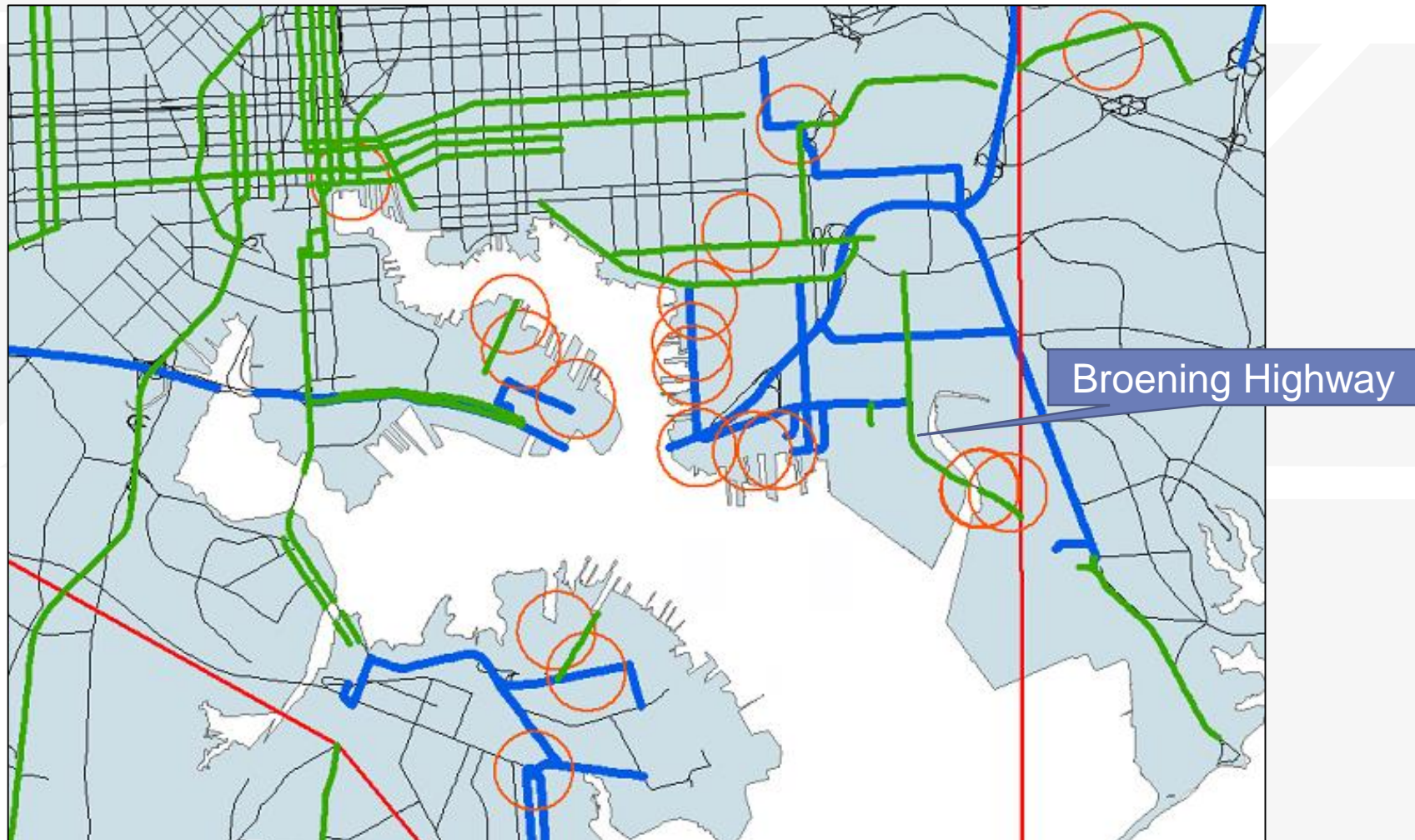
Draft Priority Corridors



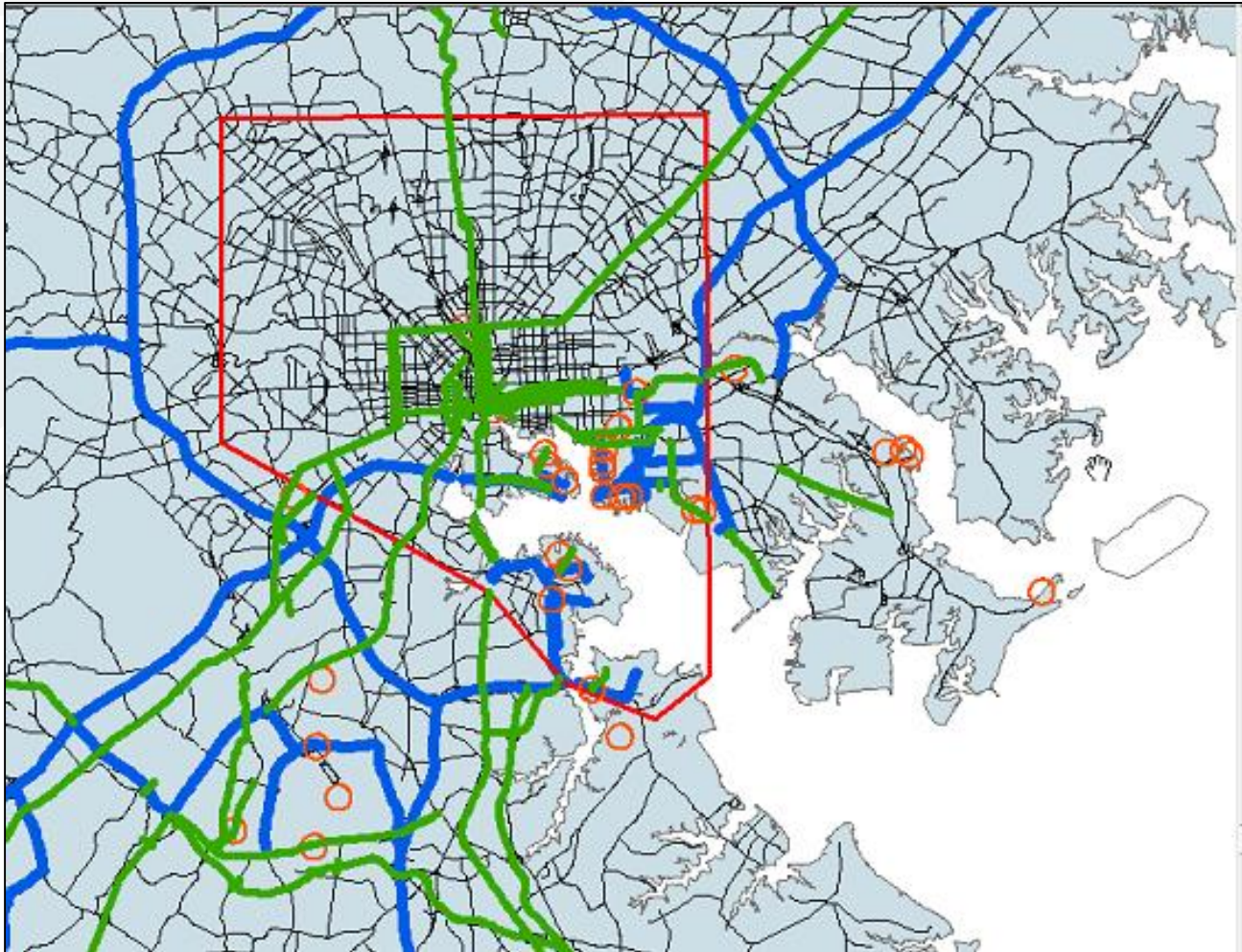
Corridor Detail



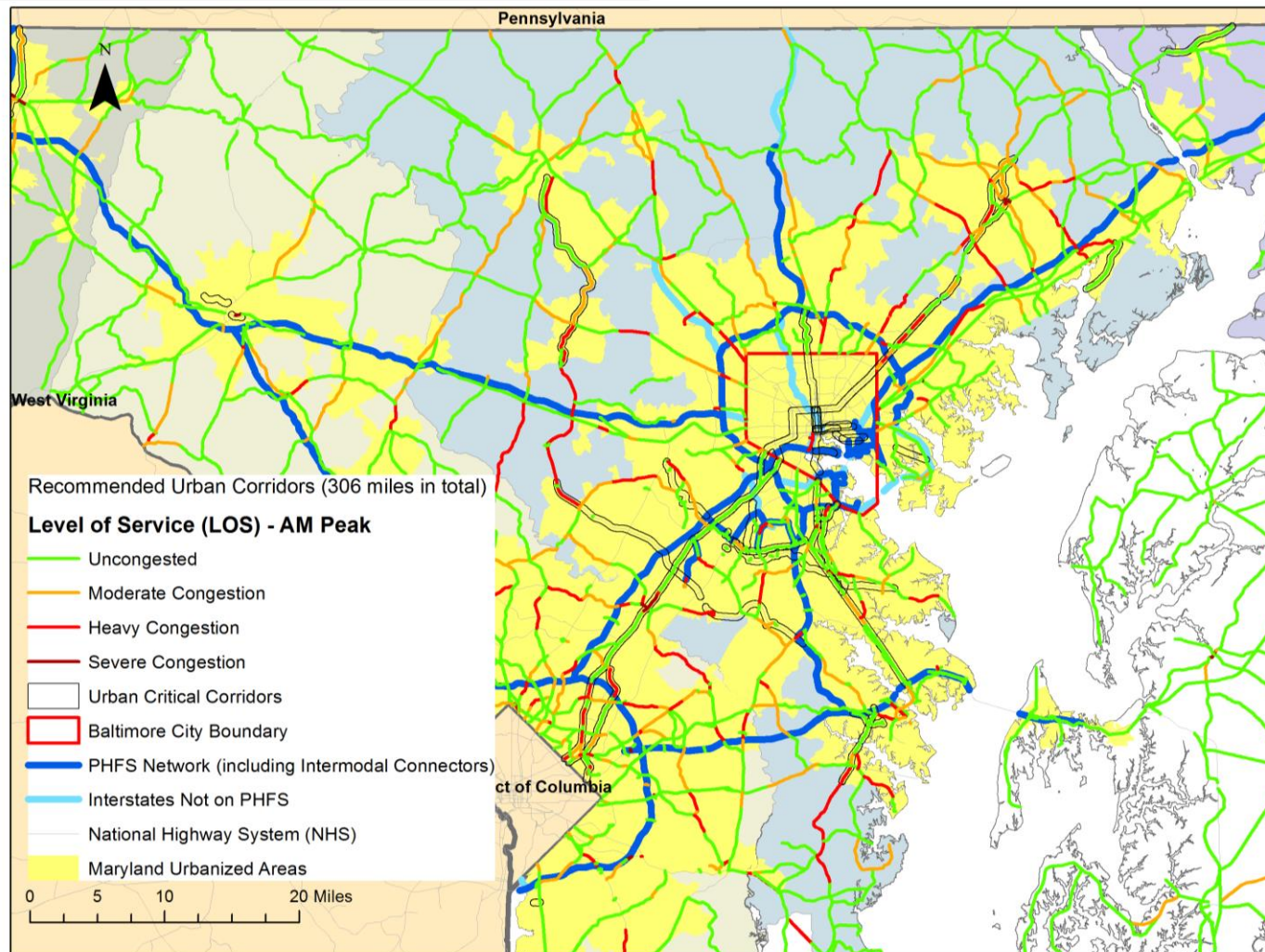
Intermodal Corridor Detail



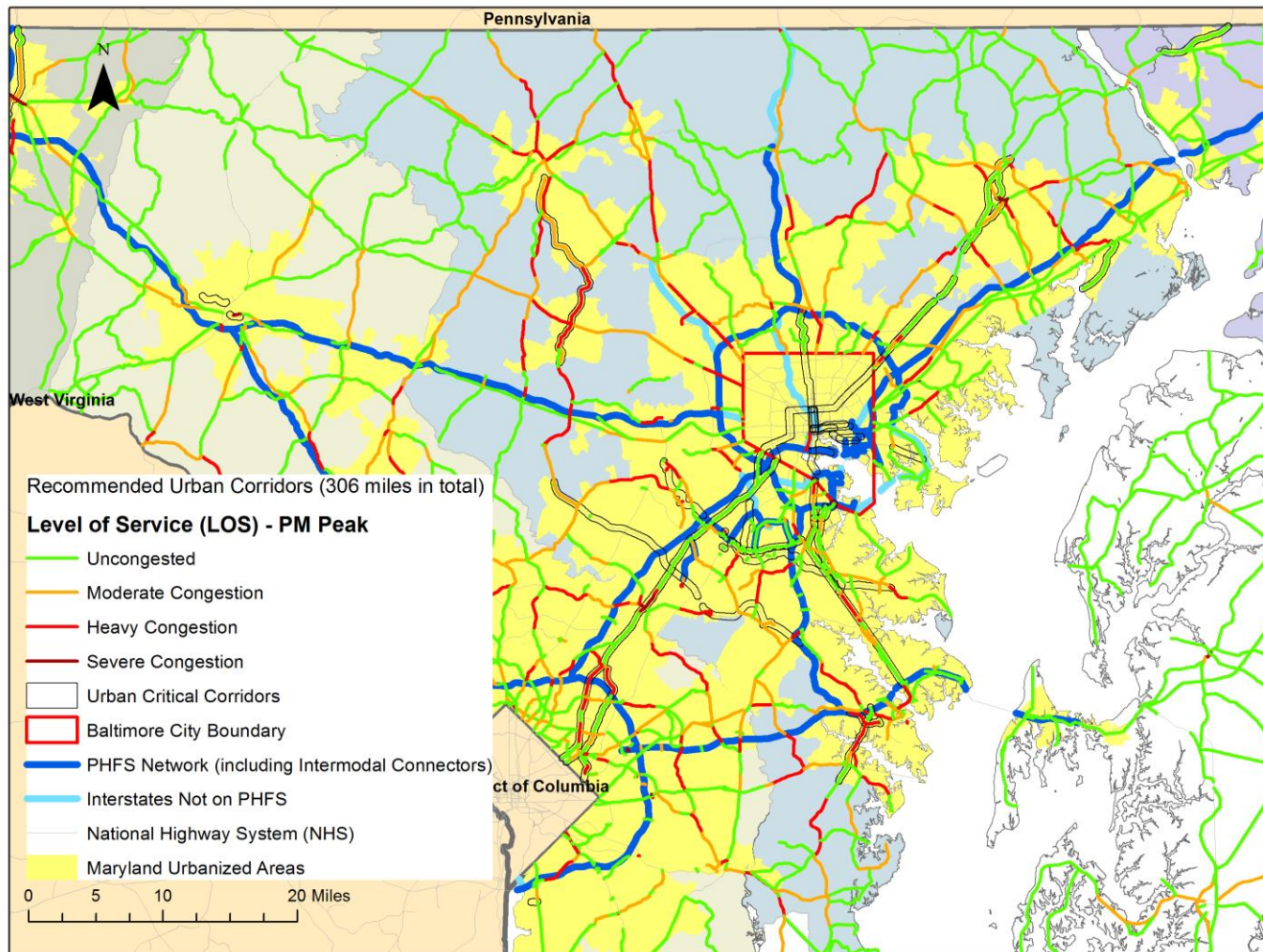
Intermodal Facilities



AM Peak Congestion



PM Peak Congestion



Preliminary BRTB Corridor Priorities

With Intermodal Facility Scoring

Route Name	Rank	Miles	Revised	Starting Point	Ending Point
Broening Highway	1	3.5	3.5	Boston St.	Dundalk Ave
Boston St.	2	1.9	1.9	Fleet St.	I-895
South St.	3	0.2	0.2	E. Baltimore St.	E. Lombard St.
O'Donnell St.	4	1.7	1.7	Boston St.	I-95
E. Lombard St.	5	3.3	3.3	N. Charles St	S. Patterson Park
E Baltimore St	6	2.8	2.8	N. Charles St	N. Haven St.
N. Charles St.	7	1.5	1.5	E. Baltimore St.	US-40 Bypass/US 1
MLK Jr Blvd	8	1.7	1.7	N.Howard St.	I-395
President St.	9	0.5	0.5	E. Fayette St.	Aliceanna St.
Rolling Mill Rd	10	1.4	1.4	Erdman Ave	Eastern Blvd
US Route 1	11	18.2	1.0	Wilkins Ave.	I-695
Chemical Rd	12	0.5	0.5	Hawkins Pt. Rd	to end
Ritchie Highway	13	1.0	1.0	Magothy Br Rd	B&A Blvd
Aris T. Allen Blvd	14	2.8	2.8	U.S. 50	Forest Dr
E. Fayette St.	15	2.5	1.2	N. Charles St	N. Highland Ave
		43.5	25		

Notes: Total miles were revised by reducing US 1 and E. Fayette St Mileage
Blue corridors are less that one mile in length

Preliminary BRTB Corridor Priorities

Without Intermodal Facility Scoring

Route Name	Rank	Miles	Revised	Starting Point	Ending Point
Broening Highway	1	3.5	3.5	Boston St.	Dundalk Ave
E. Lombard St.	2	3.3	3.3	N. Charles St	S. Patterson Park
MLK Jr Blvd	3	1.7	1.7	N.Howard St.	I-395
President St.	4	0.5	0.5	E. Fayette St.	Aliceanna St.
Cal Ripken Way	5	0.3	0.3	I-95	MLK Jr. Blvd
Boston St.	6	1.9	1.9	Fleet St.	I-895
Aris T. Allen Blvd	7	2.8	2.8	U.S. 50	Forest Dr
Interstate Ave	8	0.4	0.4	Ponca St	O'Donnell St.
E. Fayette St.	9	2.5	1.2	N. Charles St	N. Highland Ave
Vail St.	10	0.1	0.1	Keith Ave.	to end
MD 100	11	31	7	I-295	MD 10
South St.	12	0.2	0.2	E. Baltimore St.	E. Lombard St.
E. Ordnance Rd	13	2.1	2.1	MD 2	Pennington Rd
		50	25		

Notes: Total miles were revised by reducing MD 100 mileage
Blue corridors are less than one mile in length

Contact

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