

# Maryland Freight Planning

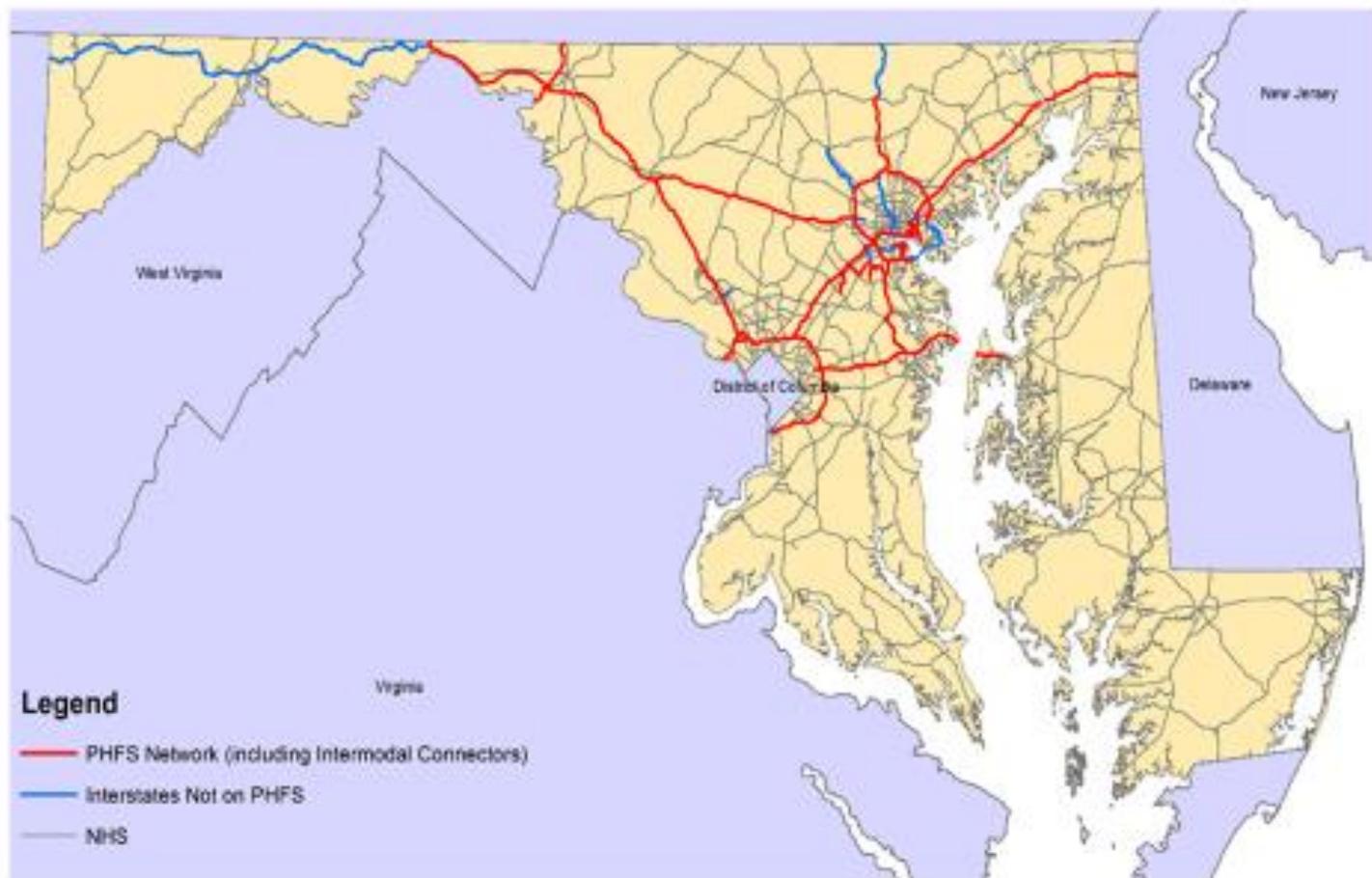
BRTB – Freight Movement Task Force Meeting

MDOT's Strategic Goods Movement Plan – 2017 Update

March 29, 2018

# Maryland's National Highway Freight Network (NHFN)

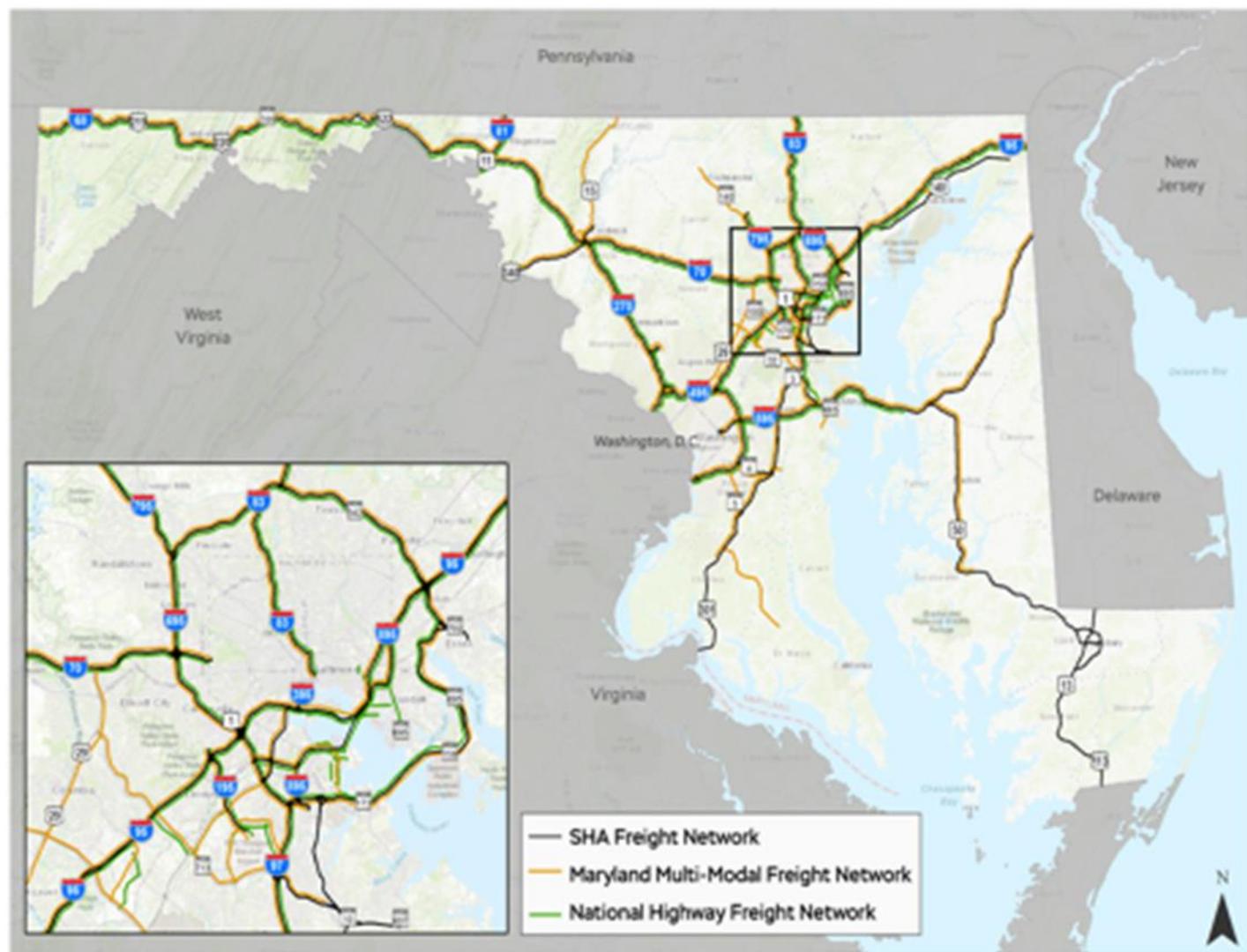
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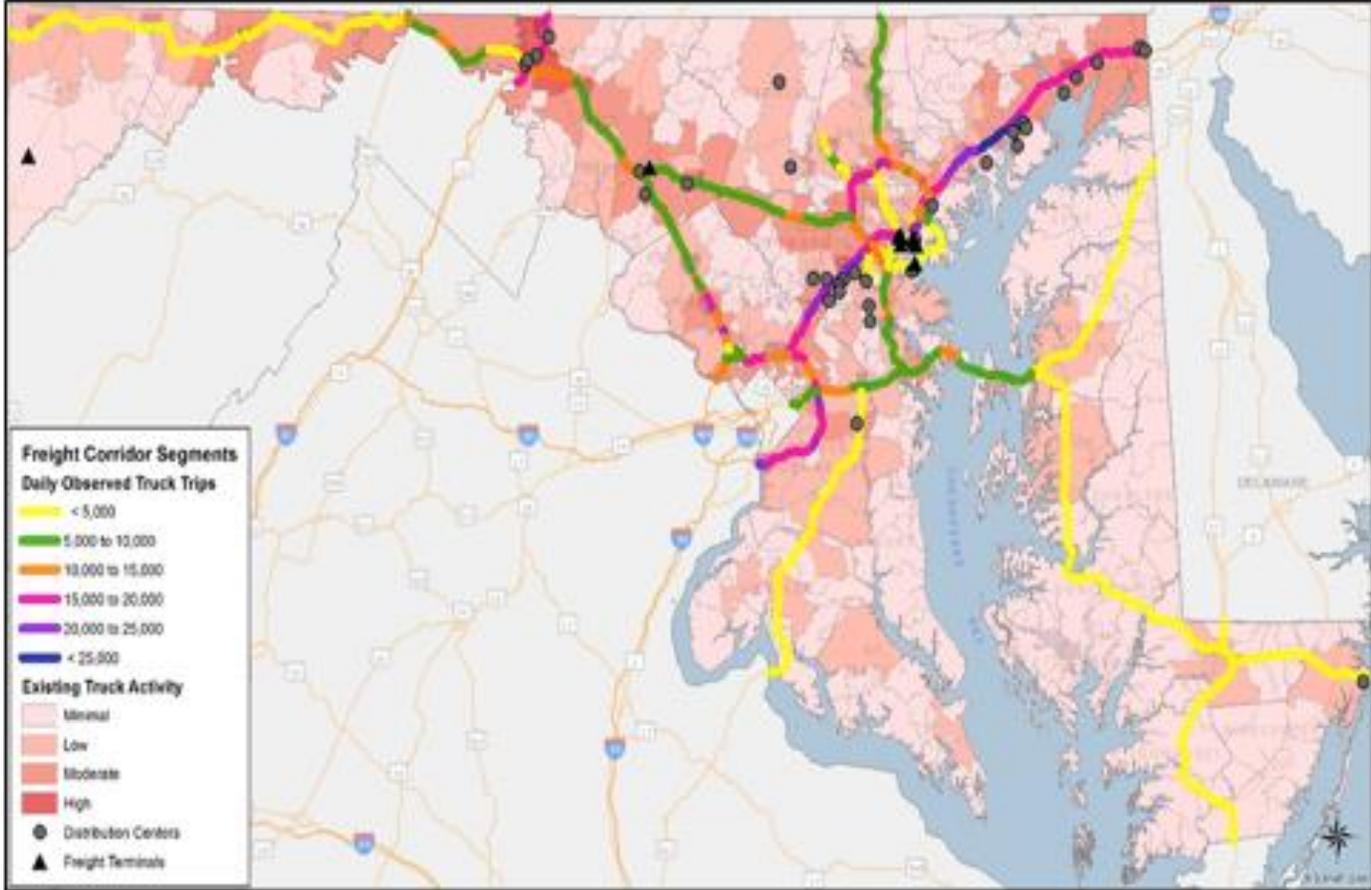
- Primary Highway Freight System (PHFS)
- Interstate System not on the PHFS and designated
- Critical Urban & Rural Freight Corridors

# Maryland's Truck Networks – Federal and State

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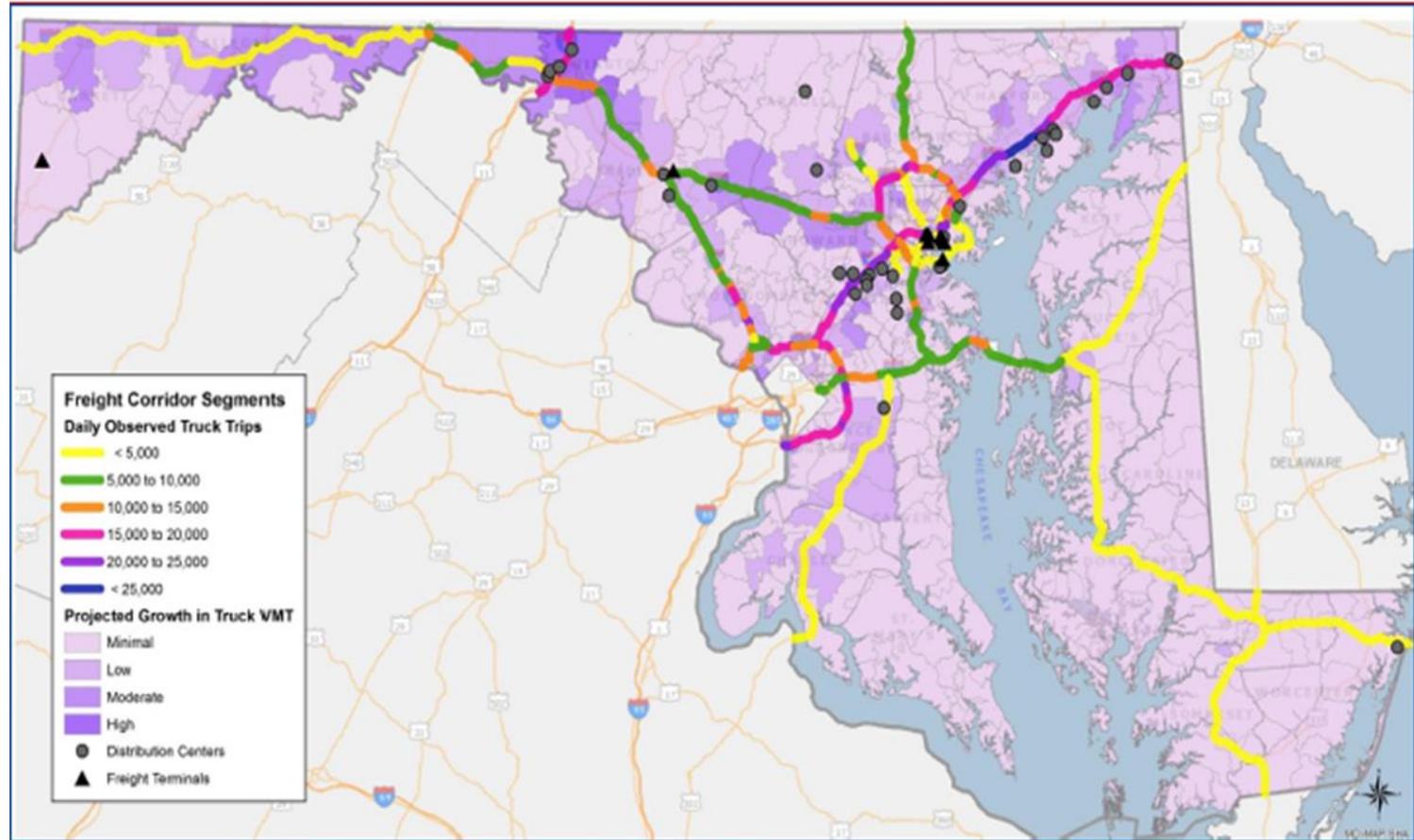


# Existing Truck Activity 2015



# MSTM: Change in Daily Truck Activity 2015-2040

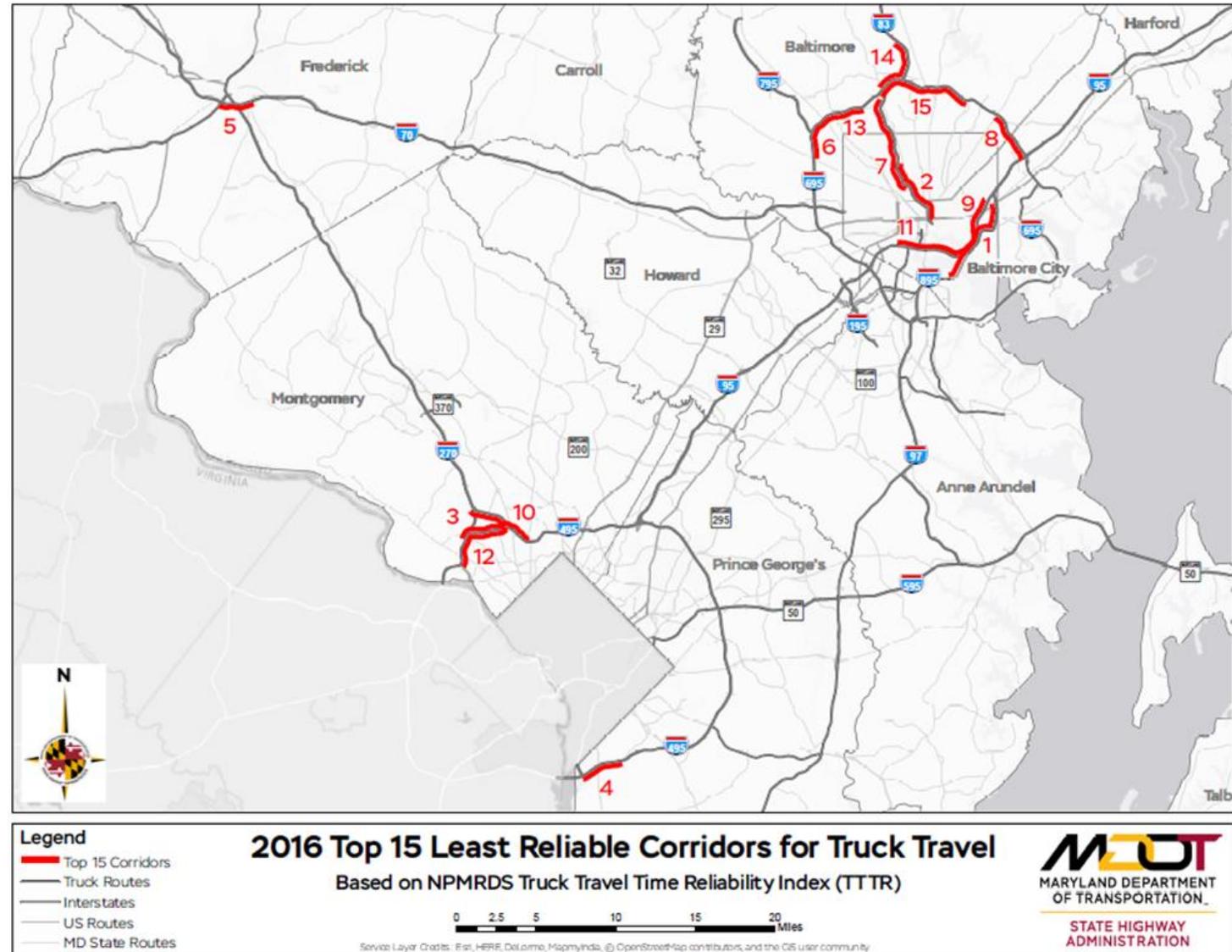
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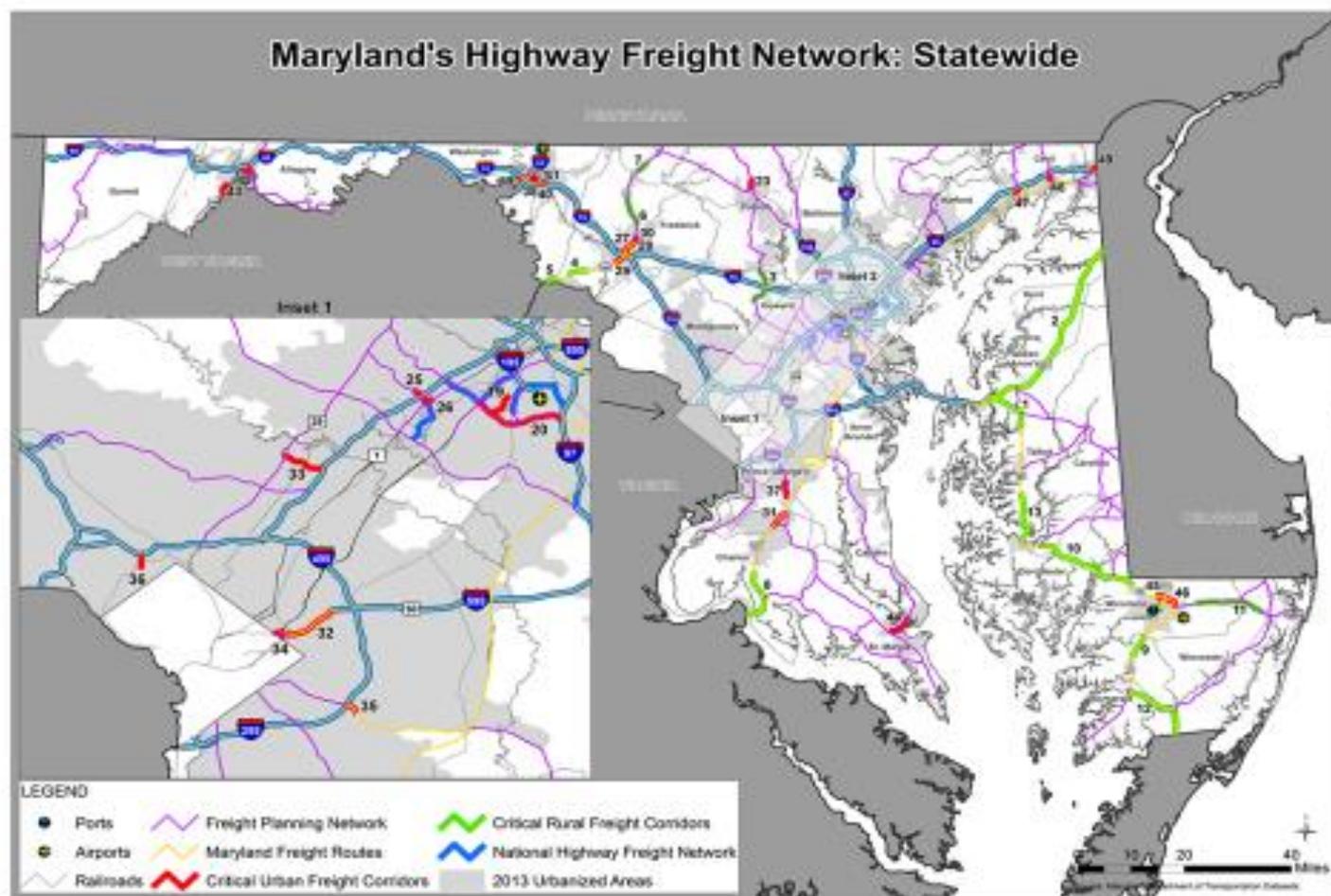
# Top Least Reliable Corridors for Truck Travel (2016)

## PM 3.2 - Truck Travel Index (TTTR) Based on NPMRDS

Rank	County	Route	Miles	TTTR
1	BA	I-895 SB: Moravia Rd to Harbor Tunnel	5.30	15.13
2	BA	I-83 NB: Gay St to Cold Spring Ln	4.90	6.78
3	MO	I-495 IL: I-270 West Spur to MD 185	5.50	5.74
4	PG	I-495 IL: MD 414 to I-295	5.70	5.38
5	FR	I-70 WB: MD 355 to US 15/US 340	3.00	5.33
6	BA	I-695 OL: MD 140 to MD 26	3.60	5.12
7	BA	I-83 SB: MD 133 to MD 25	6.20	5.10
8	BA	I-695 OL: I-95 to MD 147	4.30	5.02
9	BA	I-95 SB: US 40 to Key Hwy	6.20	4.97
10	MO	I-270 East Spur: I-270 to I-495/MD 355	3.10	4.94



# Critical Urban & Rural Freight Corridors



- Urban allocation – 75 miles
  - 73 miles designated
- Rural allocation – 150 miles
  - 149 miles designated

# Freight Financial Plan

Under the FAST Act, the National Highway Freight Program (NHFP) provides \$6.3 billion in Freight Formula funding over 5 yrs specifically for freight projects on the National Highway Freight Network (NHFN):

➤ Maryland's allocation will be \$17-20 Million over 5 years (2016-2020)

## 2016-2017

- I-695 - Replace Bridge 03113 on IL over Benson Ave and Bridge 03114 on IL over Leeds Ave., US 1, AMTRAK and Herbert Run. - **\$5.7M in CO**
- I-695 - Widening OL from US 40 to MD 144 (Upgrade to 8 lns) - **\$7.29M in CO**

➤ The SGMP- 2017 Update includes:

- Freight Financial Plan to show how MDOT plans to allocate the Freight Formula Funds over the 5 year timeframe (2015-2020)
- Full List of Multimodal Freight Projects/Needs Statewide

# Freight Financial Plan

Fiscally Constrained – Freight Financial Plan (2018-2022):

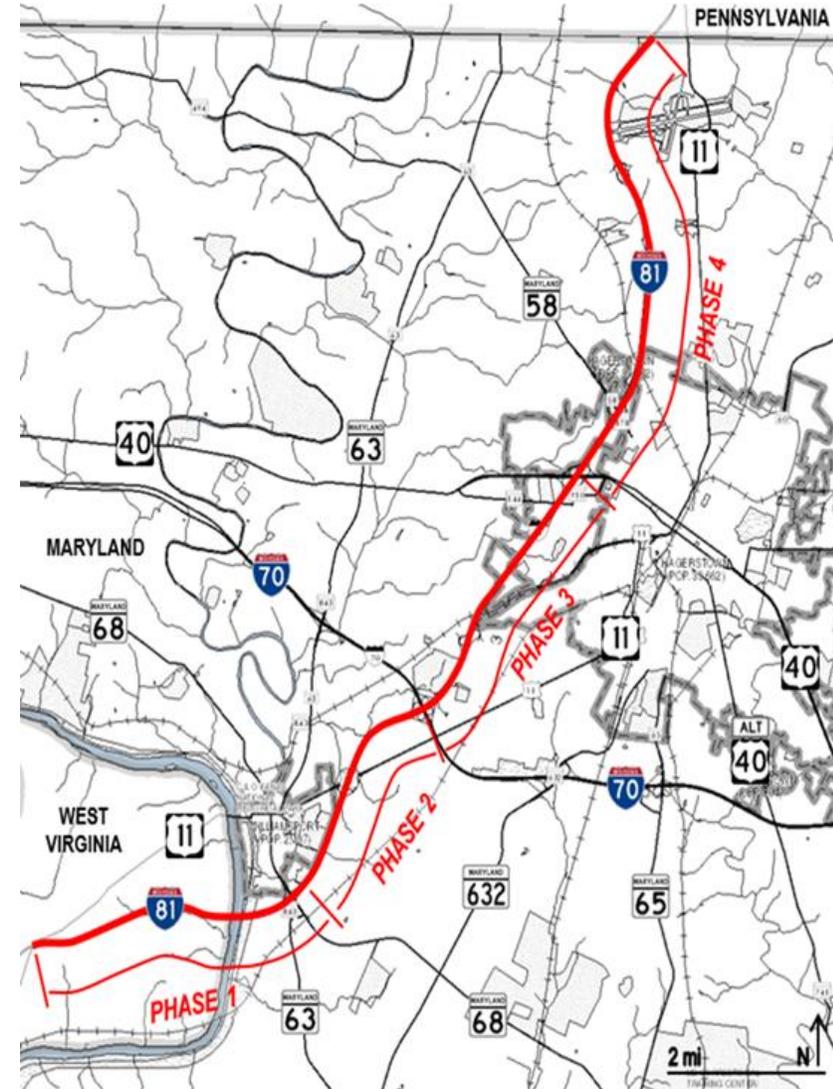
- BCDOT – Southeast Freight Corridor/Colgate Creek Bridge - TIGER VII Project
- Statewide – TSM&O Plans
- Freight Planning – Studies/Analysis/Truck Parking Counts
- Construction Projects –
  - I-695 – 2 bridge replacements and OL widening
  - I-95 - 2 bridge replacements
  - I-83 – bridge replacement
  - I-81 – Widening
  - MD 4 – New interchange (BRAC related)

The Freight Financial Plan will be reevaluated annually to strategically address freight needs along the National Highway Freight Network that were not previously identified.

# MDOT Freight Projects

## INFRA 2017 Submissions:

- I-95 (Fort McHenry Tunnel) – Port Covington Access Study (Baltimore City)
  - Improvements to I-95 ramps to support major development anticipated at Port Covington in Baltimore City. (MDTA)
  
- I-81 – Phase 2 - Widening Project (Hagerstown, Washington County)
  - Widening and upgrade I-81 to a 6 lane divided highway from the Potomac River/ West Virginia State Line to the Pennsylvania State Line (12 miles). This project has four phases:
    - Phase 1: US 11 in West Virginia to north of MD 63/MD 68 – **Construction underway**
    - Phase 2: MD 63/ MD 68 to I-70 – *Engineering underway*
    - Phase 3: I-70 to US 40
    - Phase 4: US 40 to Maryland State Line/Pennsylvania State Line (MDOT/HEPMPO)



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