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)

- 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
Existing Truck Activity 2015
MSTM: Change in Daily Truck Activity 2015-2040
Top Least Reliable Corridors for Truck Travel (2016)

**PM 3.2 - Truck Travel Index (TTTR)**

*Based on NPMRDS*

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


- 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)
Ms. L'Kiesha Markley  
Assistant Division Chief / Freight Planning Coordinator  
MDOT – State Highway Administration  
Office of Planning and Preliminary Engineering  
Innovative Planning and Performance Management Division  
(410) 545-5565  
lmarkley@sha.state.md.us