



Critical Urban Freight Corridors

Resolution #24-12

January 23, 2024



National Highway Freight Network

- The Fixing America's Surface Transportation (FAST) Act established the National Highway Freight Network (NHFN).
- This act aimed to enhance the performance of U.S. freight transportation by strategically allocating Federal resources and policies to crucial highway segments.
- The NHFN includes the following subsystems of roadways:
 - I. Primary Highway Freight System (PHFS)
 - II. Other Interstate portions not on the PHFS (non-PHFS)
 - III. Critical Rural Freight Corridors (CRFCs)
 - IV. Critical Urban Freight Corridors (CUFCs)**

2017 CUFC/CRFC Designation

- The FAST Act set the State's mileage caps
 - CUFC: 75 total miles
 - CRFC: 150 total miles
- BRTB currently has
 - 25-mile CUFCs
 - 8-mile CRFCs

2023 New Mileage Under IIJA

- The IIJA modified the state's mileage caps
 - CUFC: 150 total miles
 - CRFC: 300 total miles

- BRTB to designate 50 CUFC miles
 - 25 original miles
 - 25 additional miles

*do not have to keep the original miles

MDOT SHA Methodology

- **MDOT SHA partnered with Texas A&M Transportation Institute**
 - Identified 200 miles of eligible highway segments based on federal requirements for eligibility
 - Segments with the highest Annual Average Daily Truck Traffic (AADTT)
 - Segments that have 25% or more AADTT
 - Proximity to freight generators
 - Weighted score for proximity to freight generators
 - Weighted scores developed a ranking
- **Created an interactive map**

<https://maryland.maps.arcgis.com/apps/webappviewer/index.html?id=e88e40cd0a1a40beae354638aa1601ce>

BMC Methodology

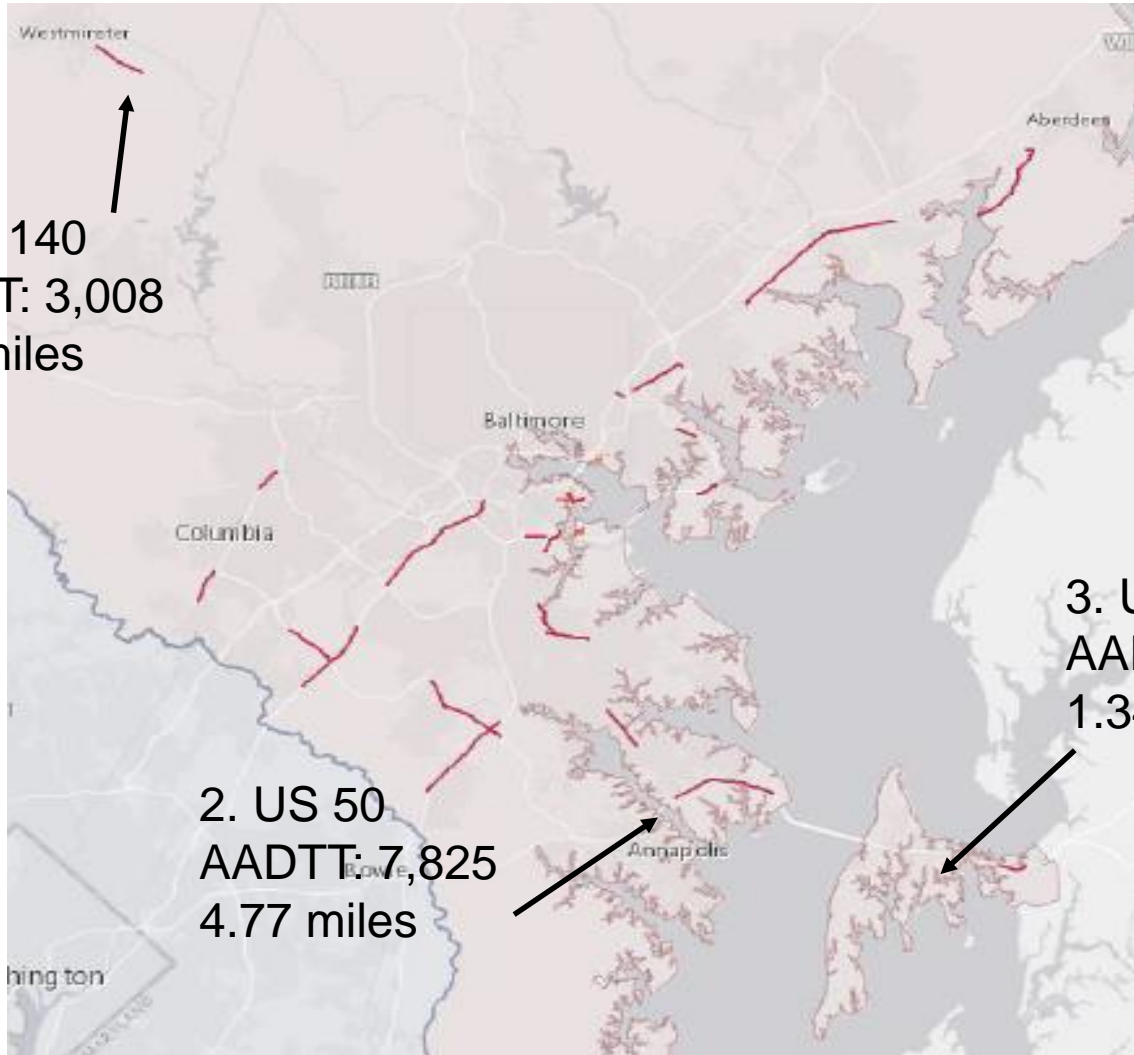
- Utilized MDOT SHA rankings
- Identified eligible segments which fell within Long-Range Transportation Plan project limits
 - Eliminated Transit projects in LRTP since they have separate funding sources
- Compared LRTP segments with MDOT SHA rankings
- Proximity to existing CUFC segments (original 25 miles)
- Logical segments

Sample Eligible CUFC Segments

1. MD 140
AADTT: 3,008
2.55 miles

2. US 50
AADTT: 7,825
4.77 miles

3. US 50
AADTT: 7,461
1.34 miles



Recommended CUFC Segments

• US 50 – I-595 to MD 2	1.66 miles
• US 50 – MD 2 to Bay Dale Drive	0.95 miles
• US 50 – Bay Dale Drive to Cape Saint Clair Road	1.53 miles
• US 50 – Cape Saint Clair Road to Oceanic Drive	2.29 miles
• MD 2 – College Parkway to MD 648d	2.42 miles
• US 40 – MD 43 to Ebenezer Road	0.51 miles
• US 40 – Ebenezer Road to Allender Road	1.73 miles
• Main Street – MD 31 to MD 31	0.08 miles
• MD 31 – MD 831j/Union Bridge Road to Main Street	6.44 miles
• MD 140 – Reese Road to MD 97	2.55 miles
• US 50 – MD 552a to Jackson Creek Road	3.31 miles
• US 50 – Jackson Creek Road to Evans Avenue	1.34 miles
TOTAL MILEAGE	24.81 miles

MDOT SHA Scores

- US 50 – I-595 to MD 2 1.5 SHA Score
- US 50 – MD 2 to Bay Dale Drive 1.5 SHA Score
- US 50 – Bay Dale Drive to Cape Saint Clair Road 1.5 SHA Score
- US 50 – Cape Saint Clair Road to Oceanic Drive 1.5 SHA Score
- MD 2 – College Parkway to MD 648d * 2.5 SHA Score
- US 40 – MD 43 to Ebenezer Road 4.5 SHA Score
- US 40 – Ebenezer Road to Allender Road 4.5 SHA Score
- Main Street – MD 31 to MD 31 * 1.5 SHA Score
- MD 31 – MD 831j/Union Bridge Road to Main Street * 4.0 SHA Score
- MD 140 – Reese Road to MD 97 * 3.5 SHA Score
- US 50 – MD 552a to Jackson Creek Road 1.5 SHA Score
- US 50 – Jackson Creek Road to Evans Avenue 2.0 SHA Score

*Indicates projects within the LRTP

For More Information

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