

# MD TRUCK ROUTES UPDATE MAP



July 14, 2016

TPB Freight Subcommittee Meeting

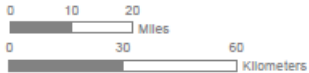

# National Freight Network

**LEGEND**

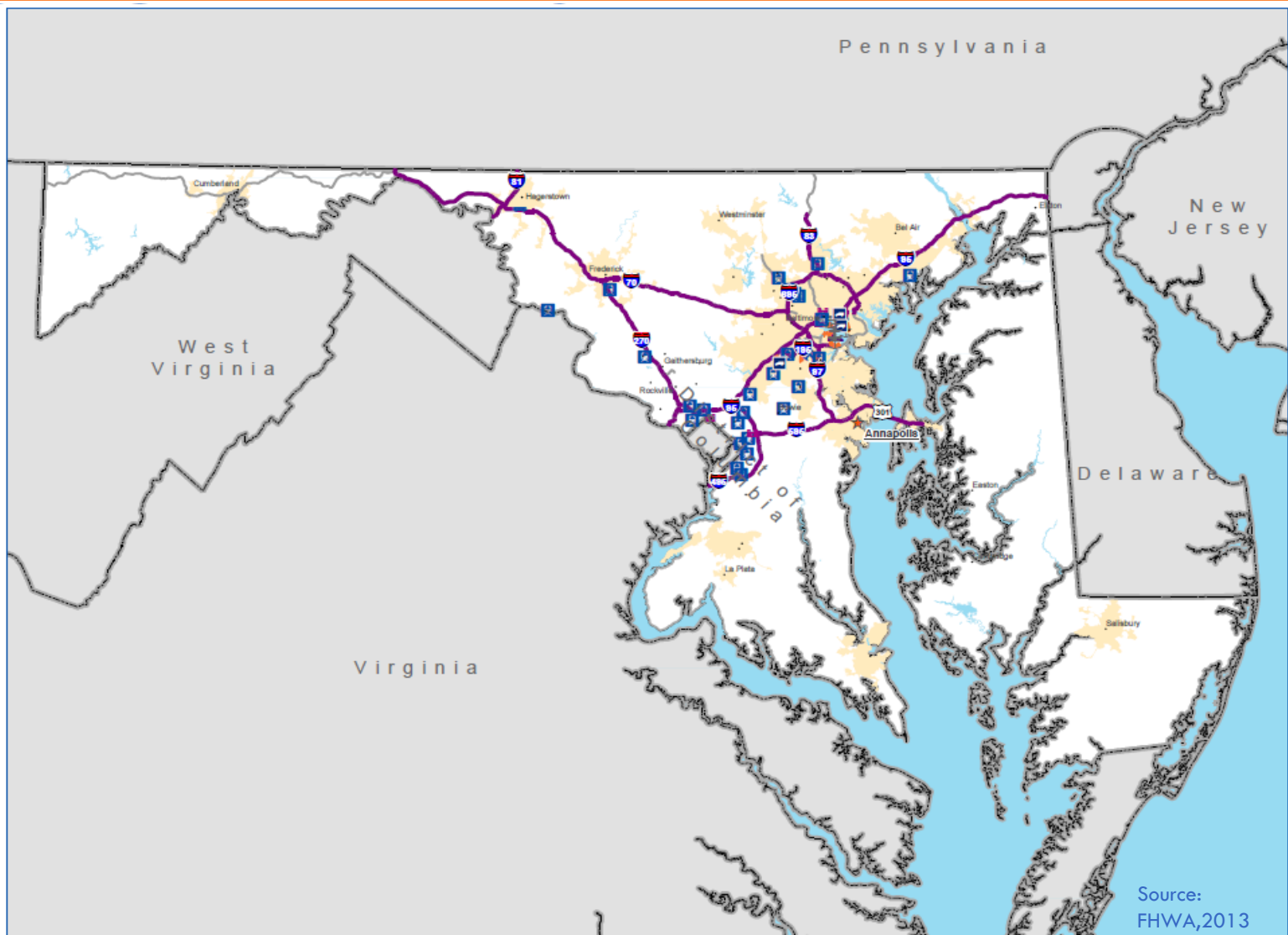
**PFN Features**

- Primary Freight Network (PFN) of 27,000 miles (based on statutory cap and criteria)
- Comprehensive PFN (approx. 41,000 miles based on statutory criteria)
- Remainder of the Interstate System (not part of PFN)

- Border Crossings
- Cities
- State Capital
- Census Urbanized Areas
- Water
- Airport
- AMTRAK Station
- Ferry Terminal
- Intercity Bus Terminal
- Multipurpose Passenger Facility
- Port Terminal
- Public Transit Station
- Truck/Pipeline Terminal
- Truck/Rail Facility



U.S. Department of Transportation,  
Federal Highway Administration,  
Office of Freight Management and Operations



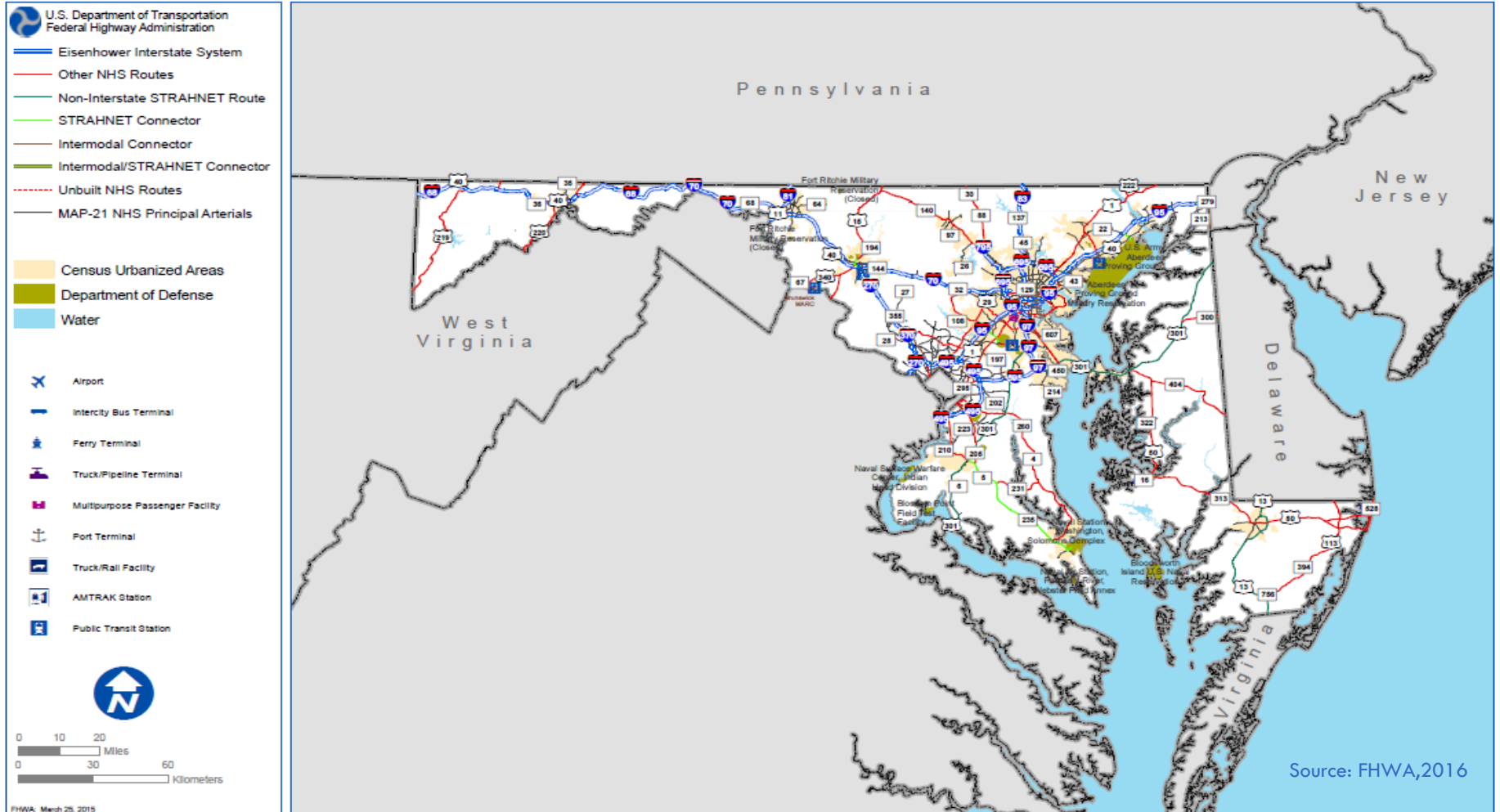
# Existing Freight Routes

| Route                      | From                                   | To                       |
|----------------------------|--|--------------------------|
| US 13                      | VA State Line                          | DE State Line            |
| US 15                      | US 40 / 340 in Frederick               | MD 26 in Frederick       |
| US 40                      | US 15 / 340 in Frederick               | I-70 / 270 in Frederick  |
| US 50                      | MD 201 / Kenilworth Avenue in Cheverly | US 13 in Salisbury       |
| US 301                     | VA State Line                          | DE State Line            |
| US 340                     | MD 67 in Weverton                      | US 15 / 40 in Frederick  |
| MD 3                       | US 50 / 301 in Bowie                   | I-97                     |
| MD 4                       | I-95 in Forestville                    | US 301 in Upper Marlboro |
| MD 10                      | MD 100 in Glen Burnie                  | I-695 in Glen Burnie     |
| MD 100                     | MD 607, Jacobsville                    | I-95                     |
| MD 201 (Kenilworth Avenue) | US 50 in Cheverly                      | D.C. Line                |
| MD 295                     | I-695 in Linthicum                     | I-95 in Baltimore        |
| MD 695                     | I-695 at Exit 1                        | I-95 / 695 in Kenwood    |
| MD 702                     | MD 695 in Essex                        | Old Eastern Avenue       |

Source: SHA Freight Implementation Plan ,2012

# National Highway System

## National Highway System: Maryland



# Freight Network Updates

## Freight Goals included:

- ❖ Identify routes that have truck fatalities and a high severity index that may not be part of the existing network.
- ❖ Address truck network gaps.
- ❖ Connect truck network to external truck networks.
- ❖ Connect freight intermodal movements between Airports, Ports, Rail, and Transit



# Freight Network Updates

## Route Criteria:

- ❖ Weight Restrictions
- ❖ Roadway Conditions Rating
- ❖ Detour Routes
- ❖ Sign Placement
- ❖ Lane Width, Shoulders
- ❖ External Road Connectors
- ❖ Structural Conditions
  - Structural Rating
  - Structure Type
- ❖ Bridge Restrictions
  - Height Clearance
  - Vertical Clearance
- ❖ Freight load centers



# Freight Network Updates

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## Background data considerations:

- ❖ AADT
- ❖ % Trucks
- ❖ Distribution Centers
- ❖ Freight Terminal
- ❖ Ports
- ❖ Parking
- ❖ Congestion

# Proposed Truck Routes

| Route  | From            | To            |
|--------|-----------------|---------------|
| MD 10  | I-695           | MD 2          |
| MD 170 | MD 100          | I-195         |
| MD 100 | US 29           | MD 607        |
| MD 36  | WV line (WV 46) | US 40         |
| MD 51  | WV line (WV 9)  | Cumberland    |
| MD 51  | WV line (WV 28) | MD 51         |
| US 220 | I-68            | PA Line       |
| MD 135 | WV line (WV 46) | US 219        |
| MD 43  | I-95            | MD 150        |
| MD 272 | PA Line         | US 40         |
| MD 275 | I-95            | MD 276        |
| MD 276 | US 1            | MD 275        |
| MD 896 | PA line         | DE line       |
| US 1   | PA Line         | MD 276        |
| MD 234 | US 301          | MD 236        |
| MD 5   | US 301          | MD 235        |
| MD 194 | PA line         | MD 140        |
| MD 30  | I-795           | PA Line       |
| MD 97  | PA line         | MD 140        |
| MD4    | I-97            | MD 140        |
| MD 32  | I-97            | MD 140        |
| MD 16  | MD 404          | DE line       |
| MD 313 | MD 404          | MD 318        |
| MD 318 | MD 313          | DE line       |
| MD 16  | US 50           | MD 392        |
| MD 392 | MD 16           | Delaware Line |
| MD 313 | MD 54           | MD 348        |
| US 15  | MD 26           | PA Line       |
| MD 140 | US 15           | I-795         |

| Route     | From             | To               |
|-----------|------------------|------------------|
| MD 38     | WV line (WV 42)  | MD 135           |
| MD 39     | WV line (WV 7)   | MD 135           |
| MD 669    | PA line          | US 40            |
| US 219    | I-68             | PA Line          |
| US 40     | I-68             | PA Line          |
| MD 152    | US 40            | US 1             |
| MD 24     | I-95             | US1              |
| US 1      | MD 152           | MD 23            |
| MD 175    | I-95             | US 1             |
| US 1      | MD 175           | MD 100           |
| US 29     | I-70             | MD 32            |
| US 50     | DC line          | MD 611           |
| MD 4      | I-495            | Prince Frederick |
| MD 210    | I-95/495         | Indian Head      |
| MD 200    | I-270            | I-95             |
| MD 213    | US 301           | US 50            |
| MD 309    | MD 213           | MD 404           |
| MD 404    | US 50            | Delaware Line    |
| MD 235    | MD 5             | MD 712           |
| MD 236    | MD 234           | MD 5             |
| MD 245    | MD 235           | Leonardtwn       |
| MD 413    | US 13            | Crisfield        |
| MD 328    | US 50            | MD 404           |
| MD 34     | WV line (WV 480) | US 40            |
| Penn. Ave | PA 665           | I-70             |
| US 522    | I-70             | WV line          |
| MD 348    | MD 313           | Delaware Line    |
| MD 610    | US 50            | US 113           |
| US 113    | Delaware Line    | US 13            |


Source: SHA Truck Routes Update Team, 2016















# Proposed Routes


## National Highway System: Frederick, MD










 U.S. Department of Transportation  
Federal Highway Administration


-  Eisenhower Interstate System
-  Other NHS Routes
-  Non-Interstate STRAHNET Route
-  STRAHNET Connector
-  Intermodal Connector
-  Intermodal/STRAHNET Connector
-  Unbuilt NHS Routes
-  MAP-21 NHS Principal Arterials

 Census Urbanized Areas

 Department of Defense

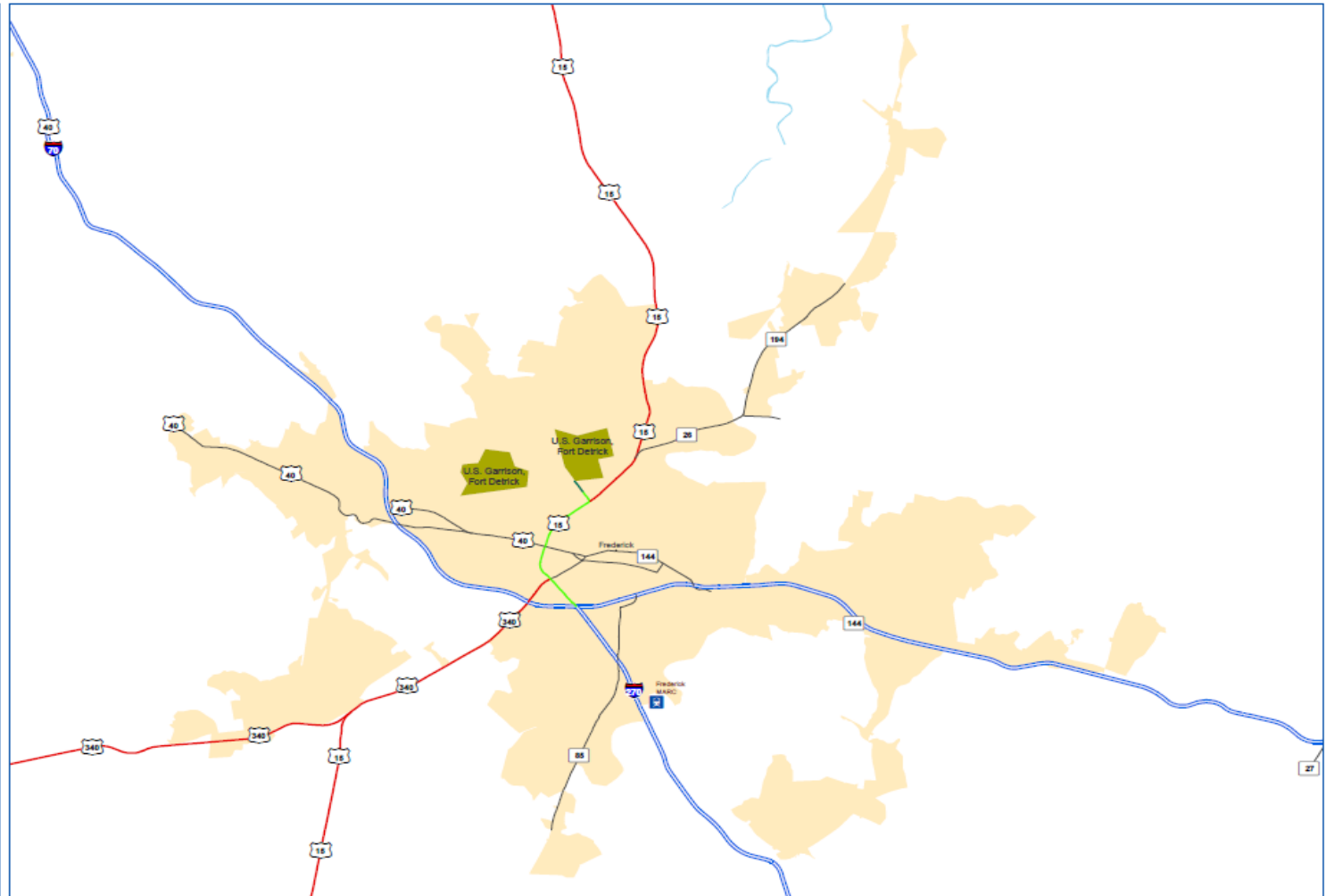
 Water

-  Airport
-  Intercity Bus Terminal
-  Ferry Terminal
-  Truck/Pipeline Terminal
-  Multipurpose Passenger Facility
-  Port Terminal
-  Truck/Rail Facility
-  AMTRAK Station
-  Public Transit Station



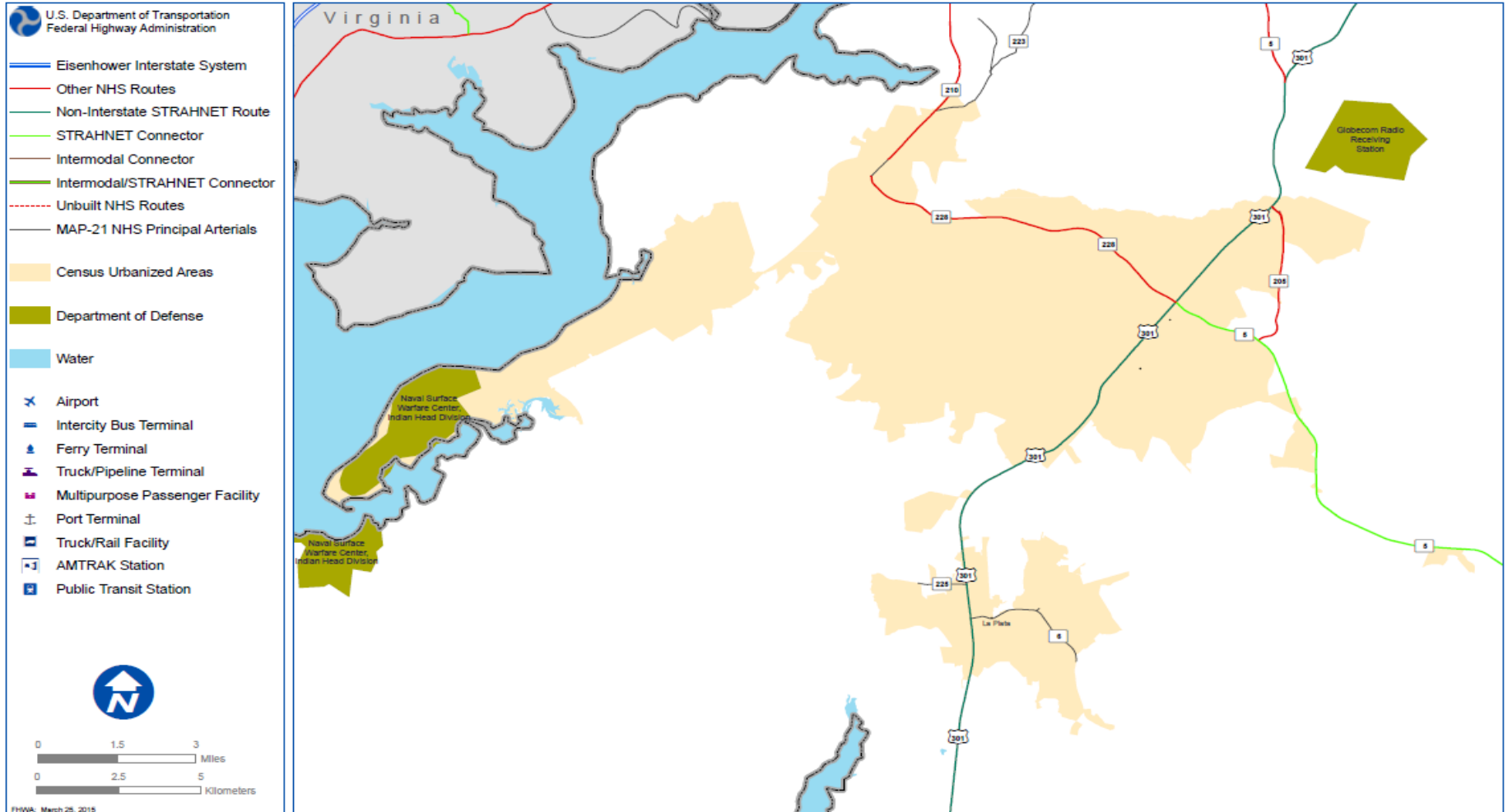
0 1.5 3 Miles  
0 2.5 5 Kilometers

FHWK, March 29, 2015



# Proposed Routes

## National Highway System: Waldorf, MD



# Proposed Routes

## National Highway System: Washington, DC--VA--MD

U.S. Department of Transportation  
Federal Highway Administration

- Eisenhower Interstate System
- Other NHS Routes
- Non-Interstate STRAHNET Route
- STRAHNET Connector
- Intermodal Connector
- Intermodal/STRAHNET Connector
- Unbuilt NHS Routes
- MAP-21 NHS Principal Arterials

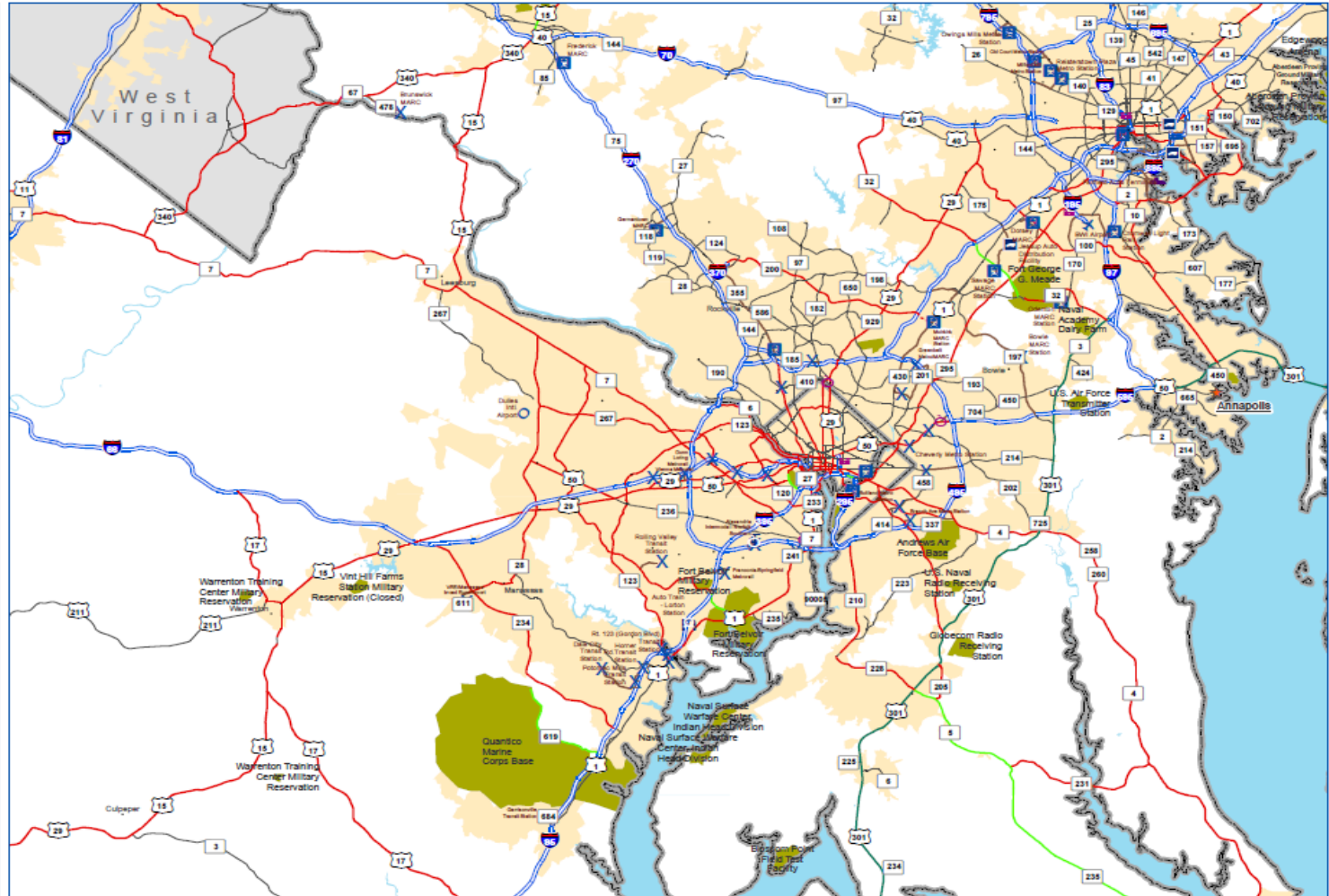
- Census Urbanized Areas
- Department of Defense
- Water

- Airport
- Intercity Bus Terminal
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- AMTRAK Station
- Public Transit Station

0      6.5      13  
Miles

0      10      20  
Kilometers

FHWA, March 25, 2015



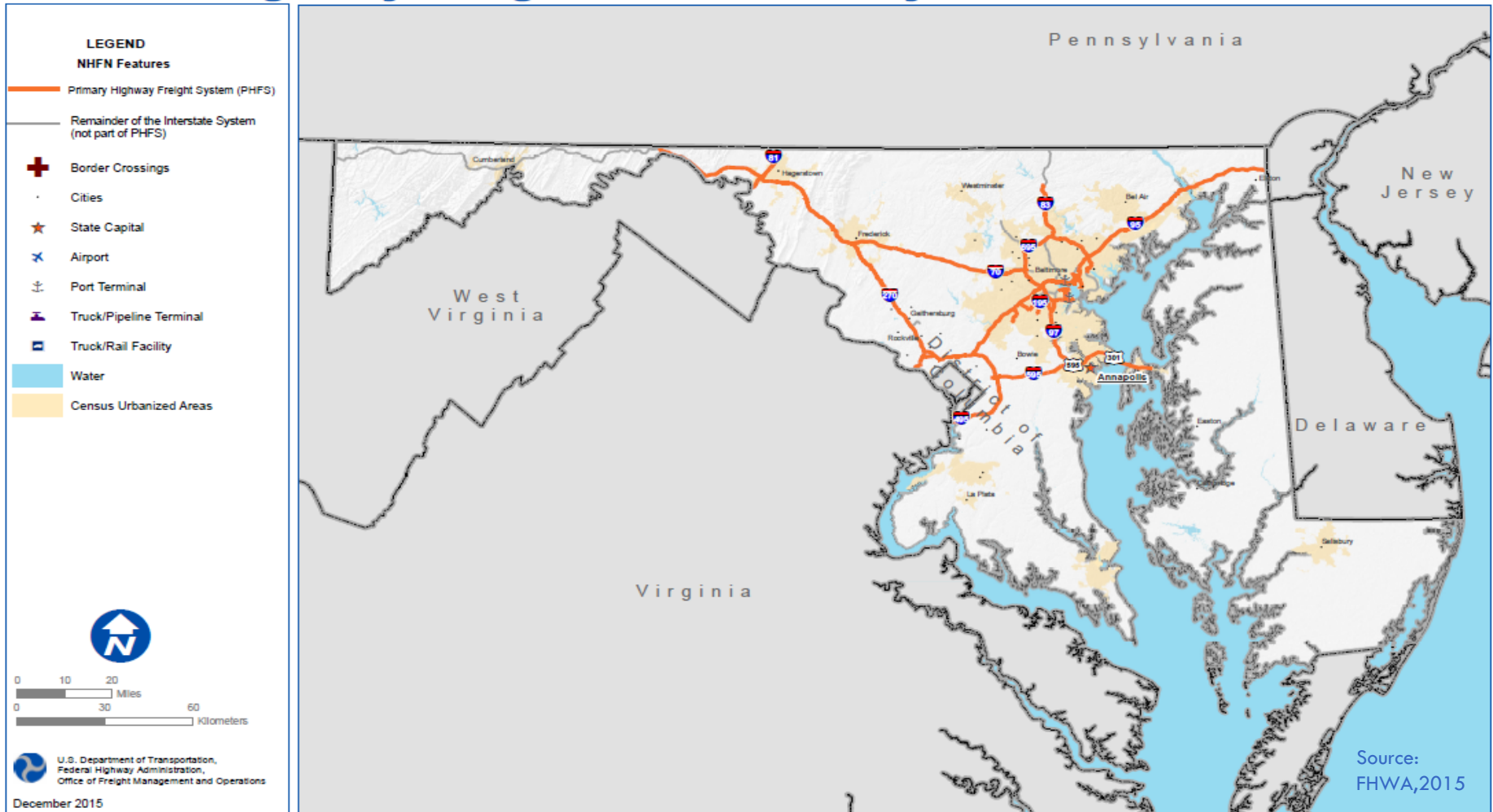
# Fast Act Requirements

- ❖ Fast Act was approved at the end of December 2015
- ❖ National Highway Freight Network (NHFN)
- ❖ Primary Highway Freight System (PHFS)
- ❖ Non – PHFS Interstate Routes
- ❖ States must designate:
  - ❖ Critical Rural Freight Corridors (CRFC)
  - ❖ Critical Urban Freight Corridors (CUFC)

# National Highway Freight Network

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## National Highway Freight Network: Maryland



# Fast Act Requirements

- ❖ Critical Rural Freight Corridors: (150 miles)
  - ❖ Principal arterial roadway with minimum 25% of the AADT in trucks class 8 to 13
  - ❖ Identify access points to energy exploration, development, installation, or production areas
  - ❖ Connections to Primary Highway Freight System or Interstate from facilities that handle more than
    - ❖ 50,000 20-foot equivalent units a year
    - ❖ 500,000 tons per year of bulk commodities



# Fast Act Requirements

## Critical Rural Freight Corridors :(150 miles)

- ❖ Provides access to
  - ❖ A grain elevator
  - ❖ An agricultural facility
  - ❖ A mining facility
  - ❖ A forestry facility
  - ❖ An intermodal facility
- ❖ Connects an international port of entry
- ❖ Provides access to significant air, rail, water or other freight facilities
- ❖ Is vital to efficient movement

# Fast Act Requirements

- ❖ Critical Urban Freight Corridors: (75 miles)
  - ❖ Connects an intermodal facility to the PHFS, Interstate, or intermodal
  - ❖ Located in corridor of a route on the PHFS and provides redundancy
  - ❖ Serves a major freight generator, logistics center, or manufacturing/warehouse

# Next Steps

- ❖ Screen routes to address FAST ACT requirements
- ❖ Submit finalized list of routes to County Executives and Commissioners
- ❖ Submit to Secretary for Approval
- ❖ Update MD Truckers Map
- ❖ GIS layer will be updated and available online with the Critical Rural and Urban Corridors delineated.

# Contact

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