

An aerial night photograph of a city street. A large, multi-story brick building with many lit windows is the central focus. The street below has cars with their headlights on, and some pedestrians are visible on the sidewalks. The sky is dark with some clouds, and other city buildings are visible in the background.

CRITICAL URBAN FREIGHT CORRIDORS IDENTIFICATION AND DESIGNATION PROCESS

Metropolitan Washington Region

Jon Schermann
Transportation Planner

Talking Freight Seminar
August 29, 2018



National Capital Region
Transportation Planning Board

Agenda Item 3

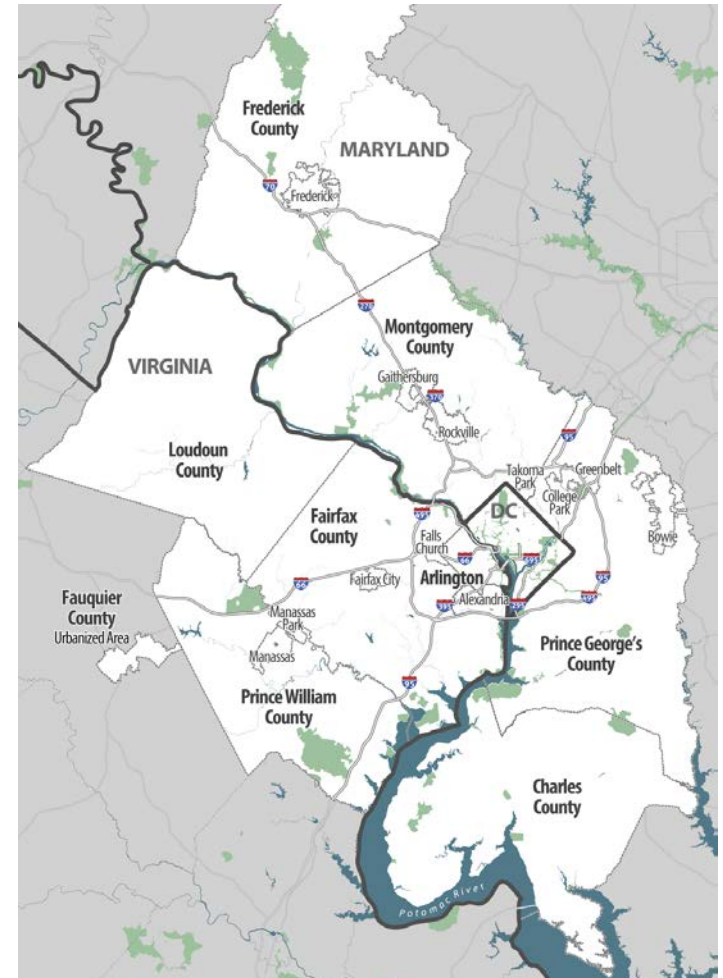
Topics

- National Capital Region Transportation Planning Board (TPB)
- Strategic and Technical Considerations
- Methodologies for identifying Critical Urban Freight Corridor candidates
- CUFC designation
- Takeaways



About the TPB

- National Capital Region Transportation Planning Board (TPB) is the federally designated Metropolitan Planning Organization (MPO) for the region
- Population: 5.3 million
- Households: 2.0 million
- Employment: 3.1 million
- Includes all of Washington, D.C. and portions of Maryland and Virginia



Strategic Considerations

Coordination and involvement

Maryland DOT (MDOT)
Virginia DOT (VDOT)
District of Columbia DOT (DDOT)

TPB Technical
Committee and Freight
Subcommittee

Schedule and timelines

Target date for TPB
designation:
12/04/2017

*MDOT request for June 2018
designation for Maryland
CUFCs*

TPB
Meetings
(2017)

Introduce CUFCs;
Authority to designate;
Why it is important

Present staff-
recommended CUFCs

Request designation
of staff-recommended
CUFCs

Sep

Oct

Nov



Technical Considerations

- Goal: Defensible process using readily available data
 - Consistent methodologies for each state's portion of the region
 - Yet customized to reflect the unique situation within each state

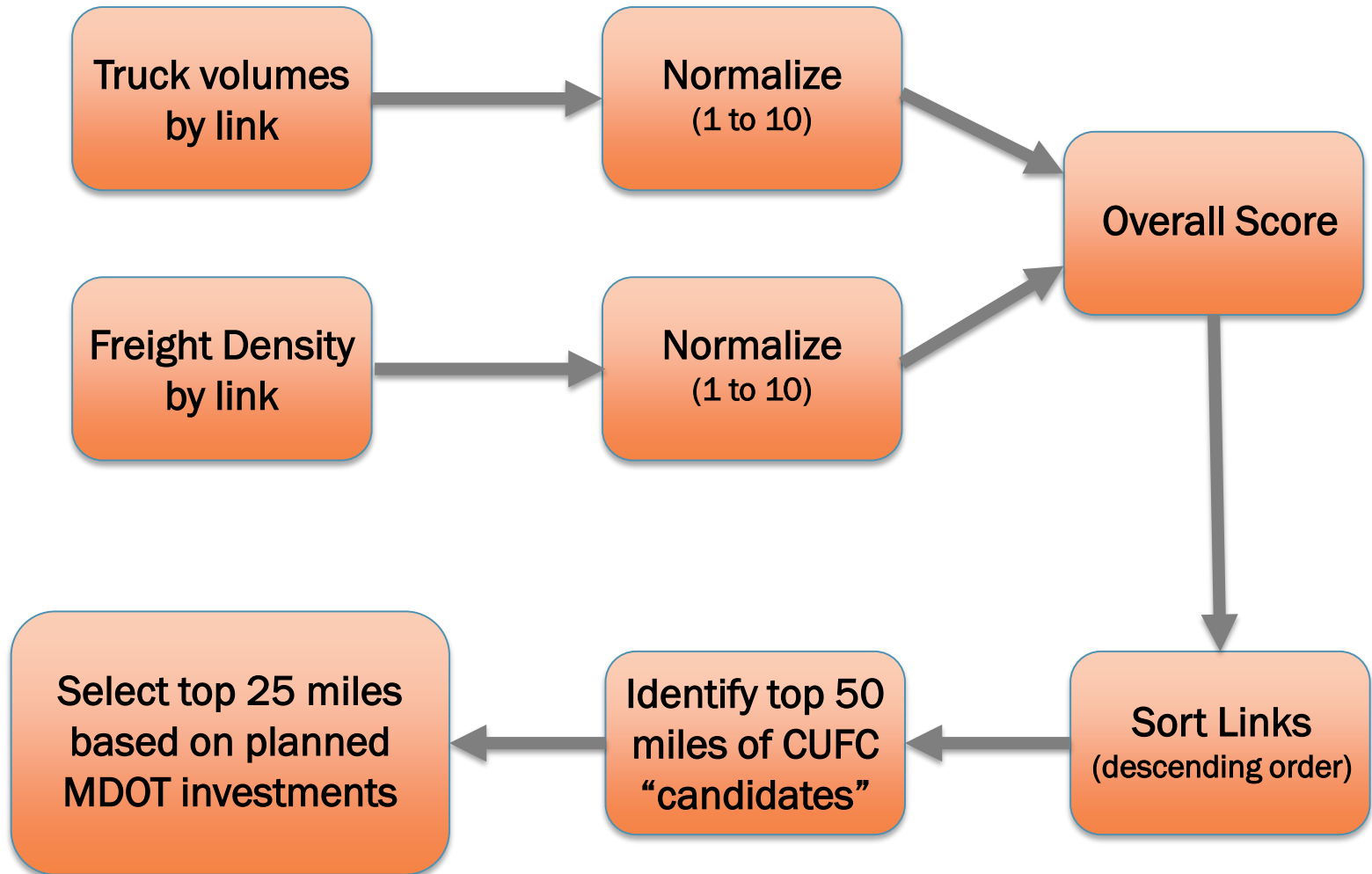


CUFC Mileage

State	CUFC Miles - Total	CUFC Miles – National Capital Region
Maryland	75	25
District of Columbia	75	75
Virginia	83.35	17.80



CUFC Methodology: Suburban Maryland

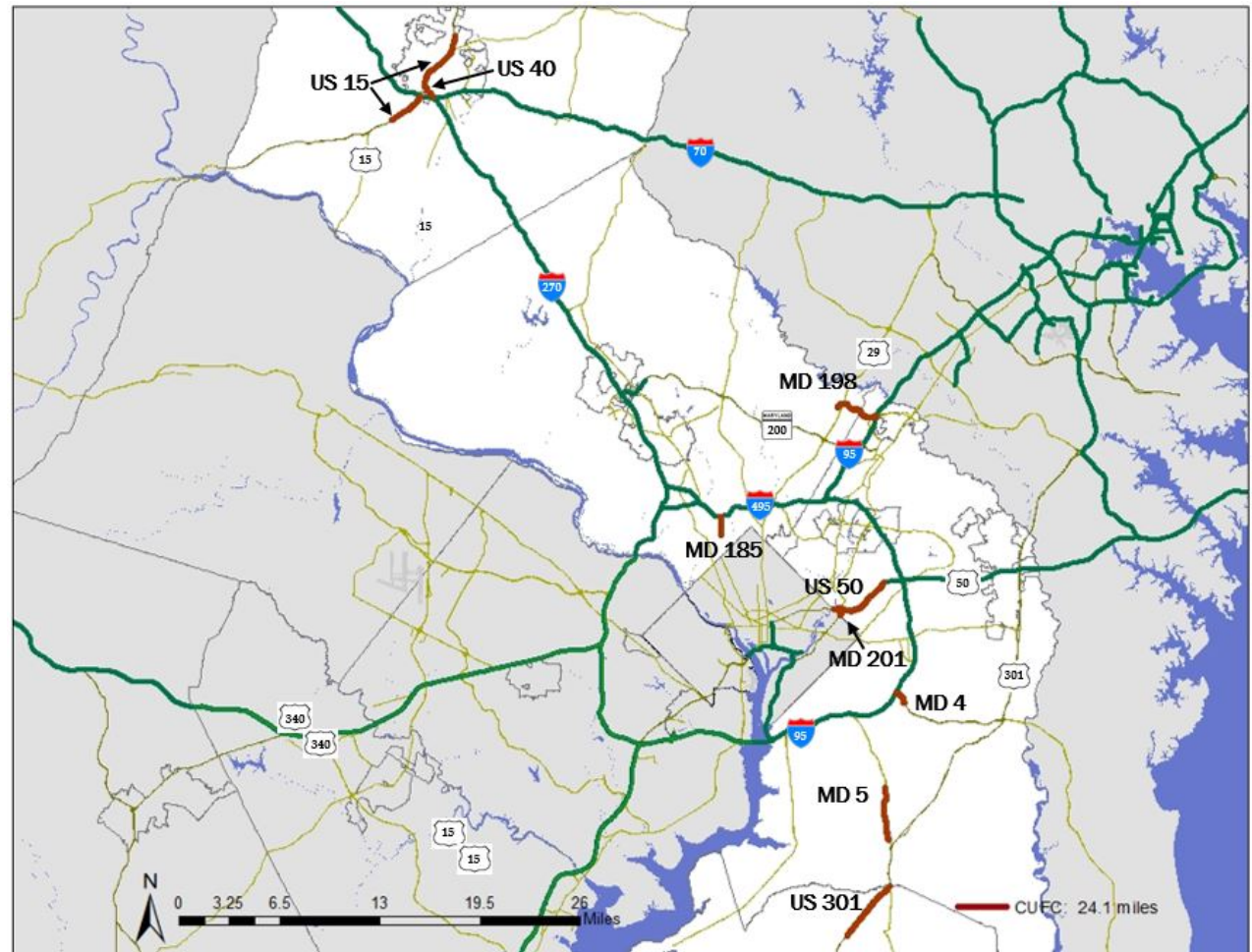


Recommended CUFC Segments: Maryland Portion of the Region

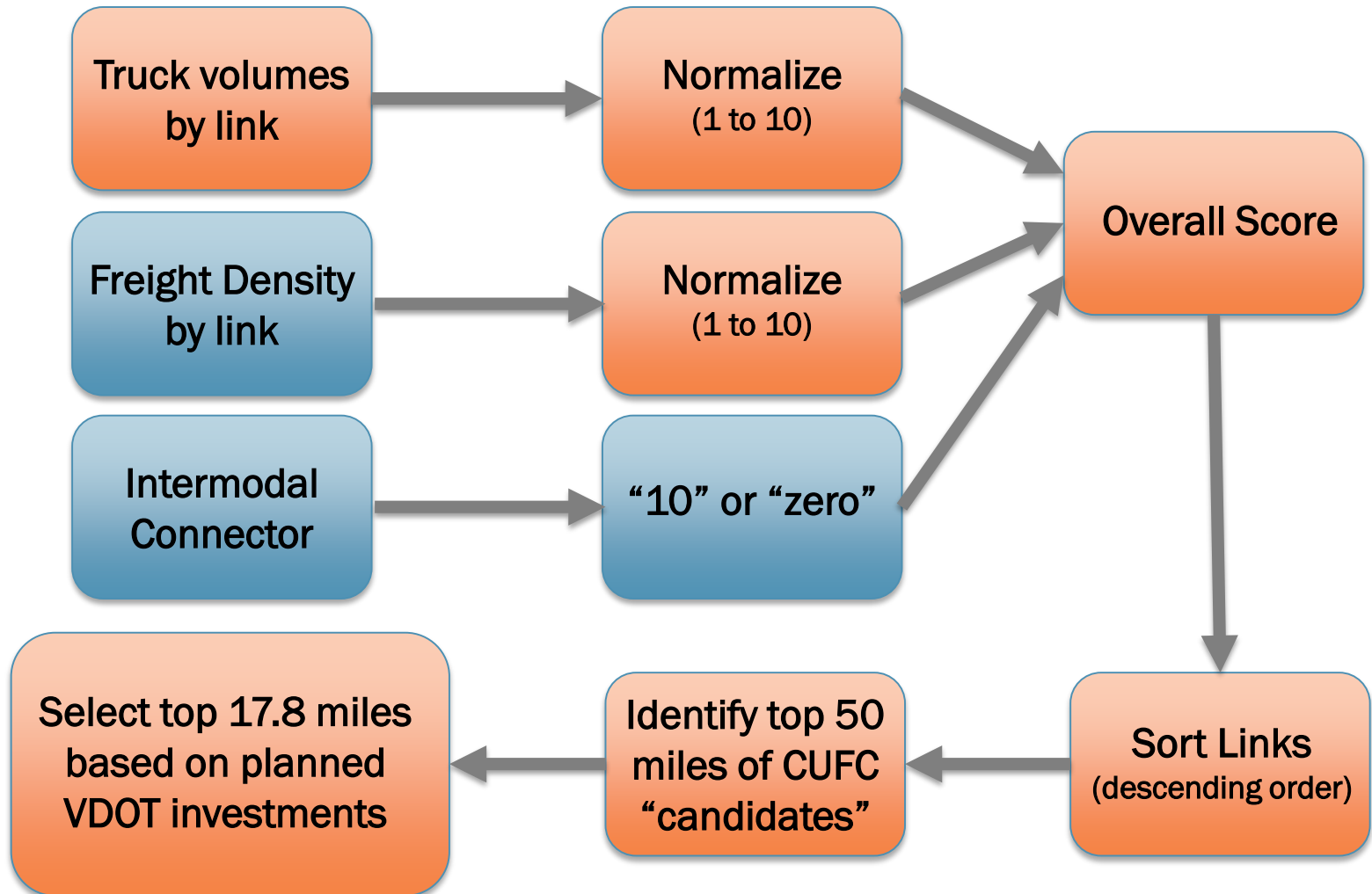
NHFN miles
established within
the FAST Act:
126.3

Proposed CUFC
miles: 24.1

Total NHFP miles:
150.4



CUFC Methodology: Northern Virginia



CUFC Methodology: Northern Virginia

Northern Virginia-specific Scoring Elements	Description
Freight Density Score	• COSTAR data • Sum of Rentable Building Area of freight intensive building types within $\frac{3}{4}$ mile of segment
Intermodal Connector Score	• Four freight intermodal facilities • Intermodal connectors score “10” • All other road segments score “zero”

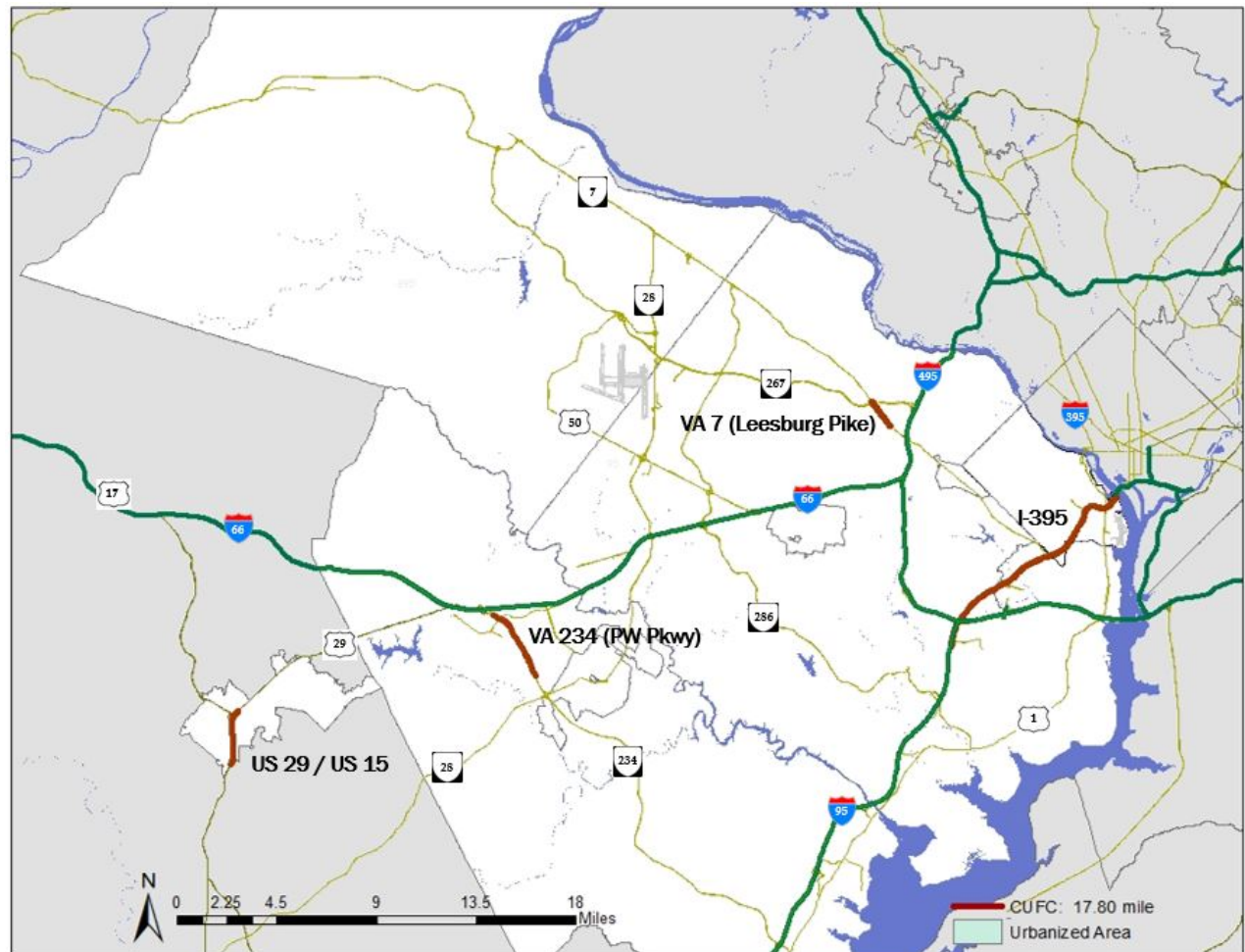


Recommended CUFC Segments: Virginia Portion of the Region

NHFN miles
established within
the FAST Act:
73.6

Proposed CUFC
miles: 17.8

Total NHFP miles:
91.4



District of Columbia CUFC Methodology

- 1) 2010 District Truck and Bus Route Designation
- 2) Additional Factors
 - o High traffic corridors
 - o Freight generators / commercial districts
 - o Other projects and plans
 - o Roadway classification
 - o Access



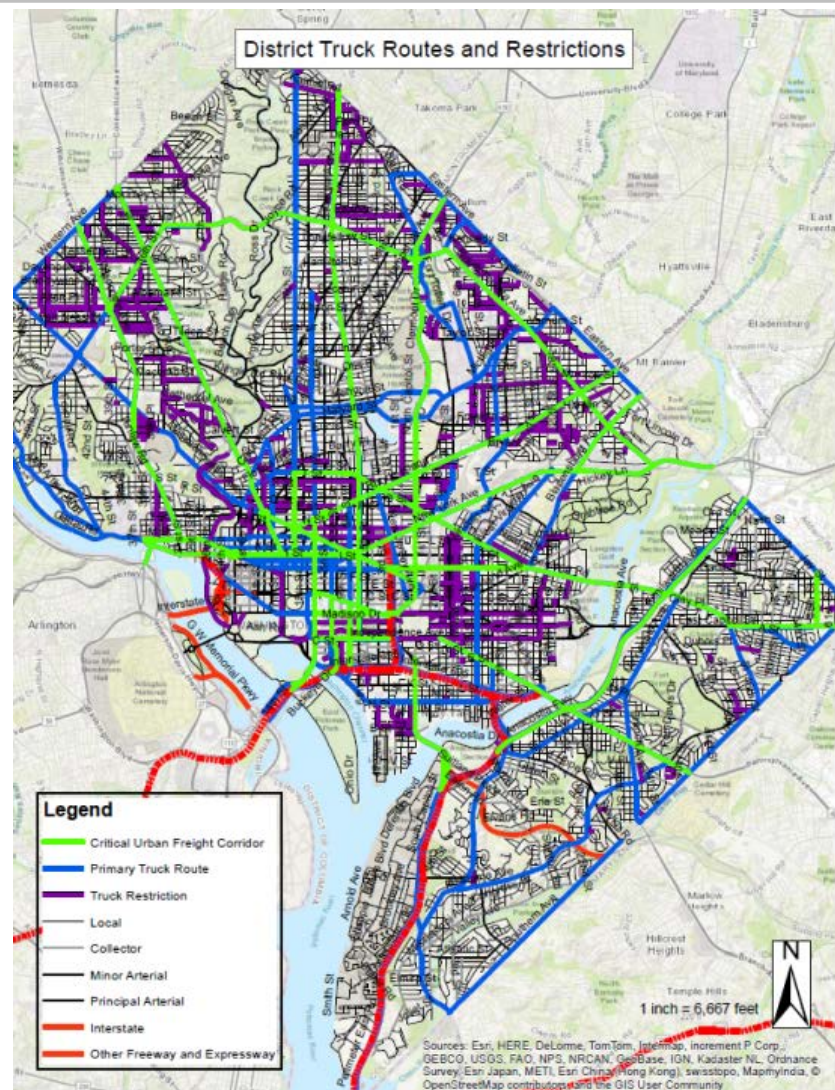
Recommended CUFC Segments: District of Columbia Portion of the NCR

NHFN miles established within the
FAST Act: 11.7

Proposed CUFC miles: 73.1

Total NHFP miles: 84.8

*Note: Proposed CUFCs are in **Green***



Results and Takeaways

- TPB adopted a resolution designating the staff recommended segments on November 15, 2017
- Success was achieved due to significant engagement with relevant internal committees and coordination with state DOT partners
- Concerns and questions raised during the process included:
 - Lack of connectivity among CUFC segments
 - Level of federal funding for CUFCs
 - Confusion related to the number of different “freight” networks
 - Roadway “X” is very important – why is it not included?



Questions...



Jon Schermann

Transportation Planner

(202) 962-3317

jschermann@mwkog.org

mwkog.org/TPB

Metropolitan Washington Council of Governments

777 North Capitol Street NE, Suite 300

Washington, DC 20002



National Capital Region
Transportation Planning Board