
Inland Intermodal Transfer Facility Study

Presented By:
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December 8, 2010

UPWP Task 5.1

FY 2011 UPWP
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PF 8 Emphasize the preservation of the existing transportation system.

B. Work Elements

D. Direct measures of congestion - speed, travel time, etc.

2. Analyzing *congestion pricing* proposals for Hampton Roads, concerning federal regulations, impacts, and challenges associated with this technique.
3. Analyzing the impact on regional highway congestion of a hypothetical inland intermodal transfer facility (located somewhere beyond the congested portion of Hampton Roads). A similar facility exists in the Los Angeles area. In Hampton Roads, such a facility would generally handle imports which would arrive from local ports via rail and be transferred to trucks for shipment to inland destinations.
4. Releasing an update to the State of Transportation report, that was last updated in March 2009. Data, both existing and historical, on all facets of the region's multimodal transportation system (including rail, water, air, and highways) will be

3. Report on impact of hypothetical inland intermodal transfer facility: 3rd quarter
4. State of Transportation report: 3rd quarter

E. Participants

HRTPO, VDOT, TRAFFIX, localities, VPA, local transit agencies (HRT, WAT), DRPT, FHWA

Existing Process



Freight is imported into Hampton Roads



Freight is loaded off of ships and onto trains, trucks and barges at the Port



Trucks, trains and barges deliver freight to inland destinations

Inland Intermodal Transfer Facility



Freight is imported into Hampton Roads



Freight is loaded off of ships and loaded onto trains



Trains deliver freight to an inland facility



Freight is loaded off of trains and passes through customs



Trucks and trains pick up freight and deliver to inland destinations

Study Outline (DRAFT)

- Description of the Port of Virginia
- Description of Hampton Roads Transportation Network
 - Rail Network
 - High Truck Locations
 - Congested Locations
- Research of other Inland Intermodal Transfer Facilities
 - Existing and planned

Study Outline (DRAFT)

- Analysis of Hypothetical Inland Intermodal Transfer Facility
 - Impacts on Truck Movements
 - Impacts on Regional Congestion
 - Other Issues
 - Rail congestion?
 - Rail crossing safety?
 - Any other issues?

Study Timeline

- Study is to be completed by June 30th, 2011.
- We will brief the FTAC as the study progresses.

Scoping Questions

- Where should a hypothetical facility be located? Should more than one location be considered?
- Which port facilities would be able to utilize the intermodal facility?
- What percentage of freight would be able to utilize such a facility? Would imported freight be the primary consideration?

Scoping Questions

- What data sources are available for use for this study?
- What would the freight community see as the biggest benefits/drawbacks to such a facility?
- Are there any other concepts or issues that you want us to include with this study?

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