Delmarva Freight Study

Project Overview and Update for the 2013 Delmarva Freight Summit

June 26, 2013
Project Definition

- Multi-state / multi-MPO freight plan
- Multimodal freight transportation infrastructure
- Federally-compliant under MAP-21

Performance-oriented plan

- Freight connectivity, mobility, and accessibility
- Safety and security
- Sustainability and environmental stewardship
- Economic vitality
- System management, operations, and maintenance
June 2012-2013
Six key tasks to-date
MAP-21
Moving Ahead for Progress in the 21st Century

- Signed into law July 6, 2012
- Outlines National Freight Policy
- Outlines requirements for state freight plans
- Emphasizes project prioritization to improve freight movements
- Emphasizes establishment of state freight advisory committees
The Delmarva Freight Plan must reflect intra-regional, inter-regional, and national trends in freight movement and planning.

- Project area freight plans
- Project area multimodal plans
- Regional plans
- National guidance
- Peer reviews / Other sources
Delmarva Freight Study

Delmarva Freight Plan

Appendix B
Stakeholder Outreach Summary

- Project advisory meetings
- Freight summit insights
- Stakeholder interviews
- Online Survey
Please visit our exhibit table!

Freight-Related Areas of Concern*

- NEC / Choochopano-Conowingo
- Downstream Secondary
- Downstream City Delivery / Otl Freight
- Inland River Secondary / Coal Freight
- Port Rail Car Capacity
- Cape Charles Rail Car Boat

Ports

- Access to Key Ports (Wilmington, Baltimore, Norfolk, or Philadelphia)
- Port-Performance
- New Workers

Inland Waterways

- Mississippi/Wicomico / Potomac Rivers
- Ship Sites for Designed Materials

Freight-Related Areas of Opportunity*

- Growth & Industry
  - Cecil County / MARC / FSEC
  - New Castle County / MARC / FSEC
  - Sussex County / Seawind Hub
  - Wicomico County / Salisbury Hub

Site - Specific Issues

- RIT Energy Rail Expansion
- C&F Rail Car Terminal
- Dogfish Head Brewing Expansion
- Seawind Microturbine Convective
- Salisbury Rail Corridor Convective
- NASA Wallops High Facility

Import - Export

- Funding Materials to Maryland Sites
- Create CI/SC or Warehouses
- Offoad Offers
- Goods from Midstates
- Finance/Supply Exports
- Other International Trade

Economic Development Opportunities
- IHS Transearch data
- FHWA FAF-3 data
- STB rail waybill data
- National-regional-peninsula focus
- Current and future freight forecasting
- Intermodal transfers and performance
- Local and long-haul trip predictions
- Decision-making impact tests
- Valuable tool for future agency use
What are Scenarios

- Explore a focal issue
- Explore challenging & diverse futures
- Provide insights for decision-makers

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- Scenarios are NOT alternatives!

“A scenario is simply a vision of a possible future state of the world and the relevant environment. Scenarios are methodically constructed stories…”

(Source: NCHRP 750)
Constructing the Scenario

- Factors to react to... *(ex: energy market trends)*
- Factors to influence... *(ex: policy / investment assumptions)*
- Performance measures... *(ex: travel time to the bay bridge)*
- Scenario insights... *(ex: problem areas or economic costs)*
- Factors to influence... *(ex: policy / investment priorities)*
Anticipated Scenarios

**Baseline Scenarios:**
- 2011 “Existing” conditions
- 2040 “Business as Usual” or “No-Build” conditions

**Economic Outlooks:**
- Trendline Growth assumptions
- Accelerated Employment assumptions

**Infrastructure Scenarios:**
- Multimodal Constraint Scenario
- Multimodal Enhancement Scenario
Please visit our exhibit table... and fill-out a comment form!
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**Scenario Planning**

**Consequential Constraint Scenario**

- **WHAT IF** Examples:
  - ... NEC corridor restrictions continue?
  - ... coal demand ceased?
  - ... barge travel was restricted?
  - ... truck volumes and maintenance needs increased?

**Consequential Enhancement Scenario**

- **WHAT IF** Examples:
  - ... the Chesapeake Connector was completed?
  - ... a new intermodal facility was constructed?
  - ... Post-Panamax trends directly impact the peninsula?
  - ... higher freight volumes conflicted with other users?

**MAP-21**  **Document Reviews**  **Outreach**  **Freight Flows**  **Cargo Model**
Next Steps...

- Finalize commodity flow data
- Finalize Cube Cargo model
- Run scenario models and review insights
- Plan for policy and economic guidance
- Plan for transportation projects and strategies
- Submit Final Plan ~ December 2013