

VIRGINIA
STATEWIDE RAIL PLAN

Rail Plan Workshop

February 2017 CTB Rail Committee

1. January Workshop Recap

2. Status Update

- Economic Analysis
- Freight Railroad Outreach

Agenda

Discuss and summarize recent feedback and further detail the Economic Analysis component of the rail plan.



1.

January Workshop Recap

January Workshop Summary



Cost / Impact to Economy

- Cost of Degradation of Service
- Cost Offset by Taking Cars/Trucks Off Road
- Lynchburg Economic Study



Goals

- Protect Core Services
- Leverage Existing Investment with Additional Multimodal Connections



Additional CTB Comments

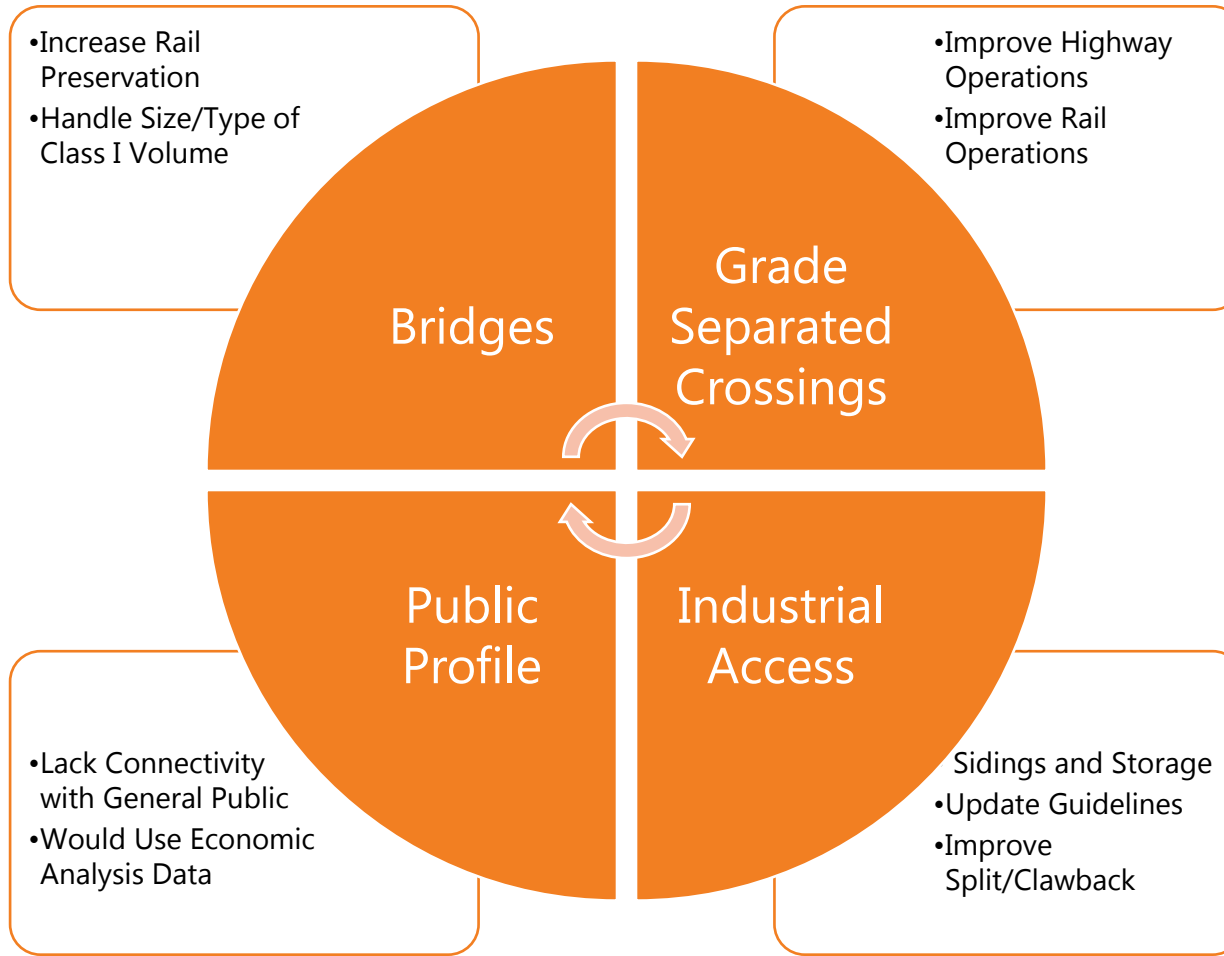
- Technology
- Rail Network Outside of VA
- Other State Experiences with Purchasing Abandoned Lines



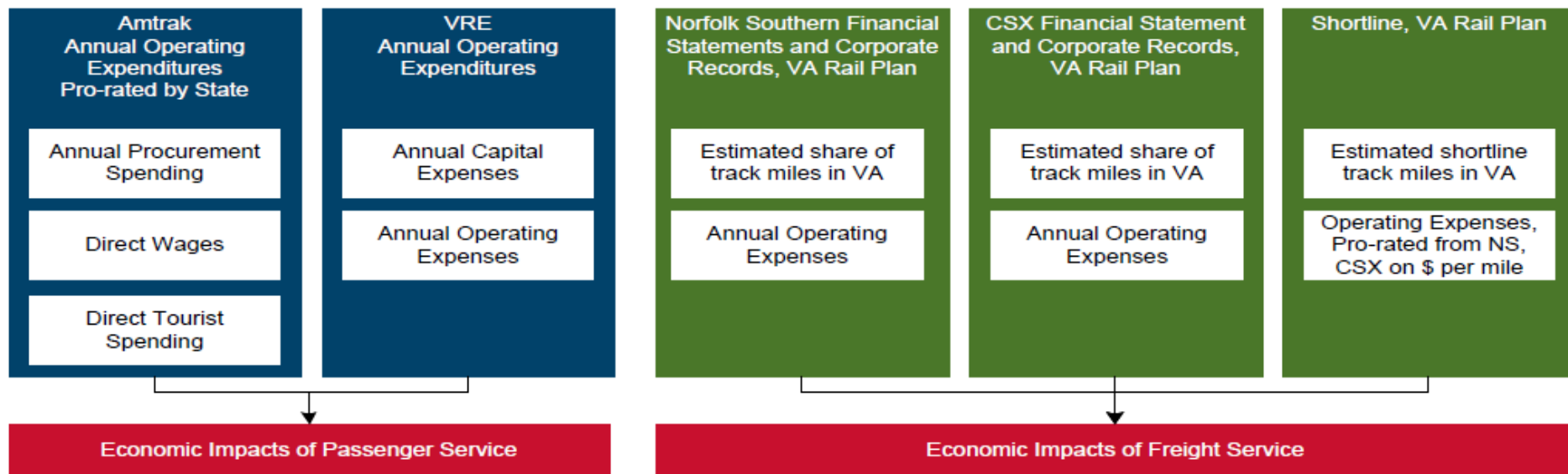
2.

Status Update

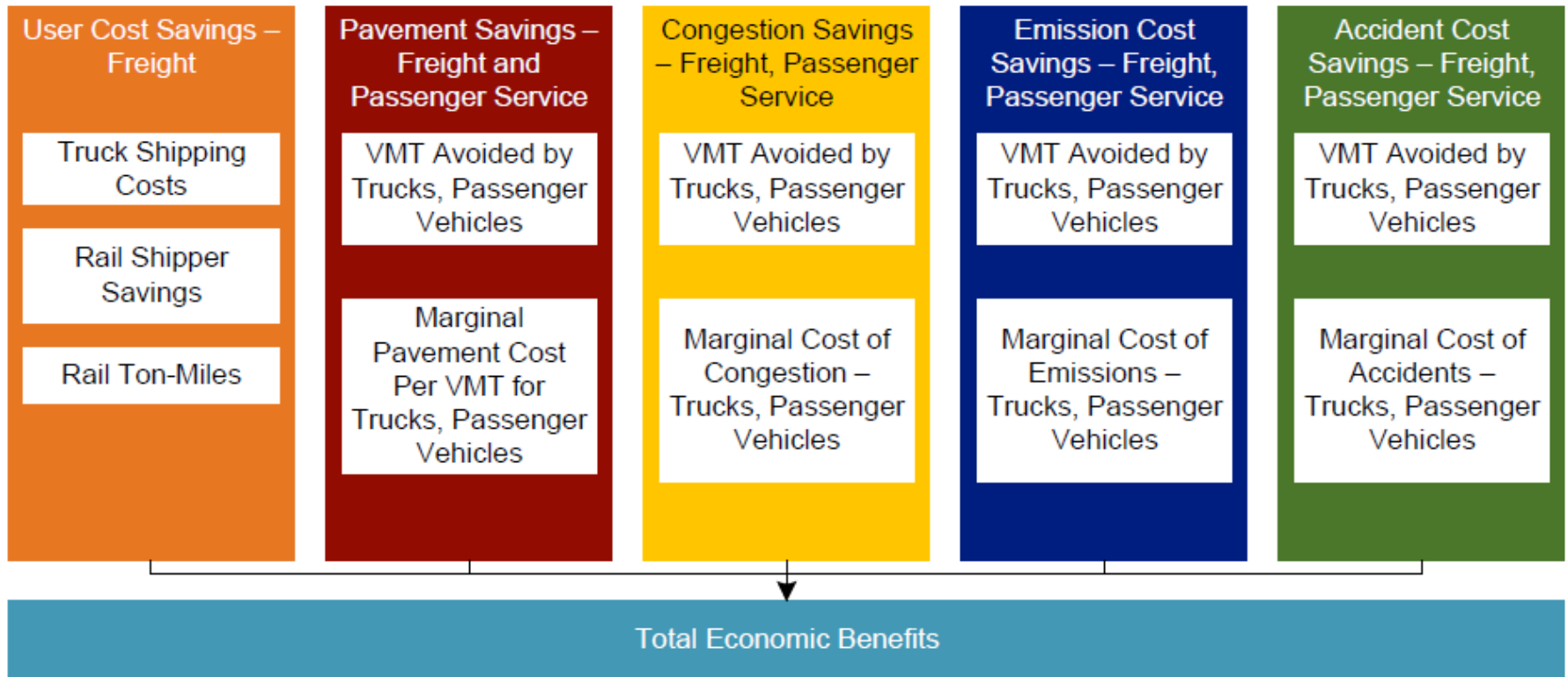
Virginia Railroad Association



Statewide Economic Analysis



Statewide Economic Analysis



Statewide Economic Analysis

Total (Millions of 2016 Dollars)

Impact Metric	Direct	Total
Output	\$1,581.7	\$2,725.3
Value Added	\$730.2	\$1,386.7
Labor Income	\$427.5	\$836.1
Employment	5,438	12,463
Federal Taxes	\$108.4	\$207.0
State / Local Taxes	\$27.1	\$82.2

Benefit Value Measures*	Freight Service	Passenger Service
VMT Avoided within VA Due to Use of Rail (in Millions)	1,701.1	271.0
User Cost Savings	\$3,137.1	
Pavement Savings	\$280.4	\$0.2
Congestion Savings	\$424.8	\$16.7
Auto and Truck Emissions**	\$160.5	\$9.7
Auto and Truck Safety**	\$139.7	
Total	\$4,142.4	\$26.5



Regional Economic Analysis

Baseline Demand Assessment

- Business Sectors & Locations
- Volume & Commodity Type
- Existing Network

Demand Trend Data

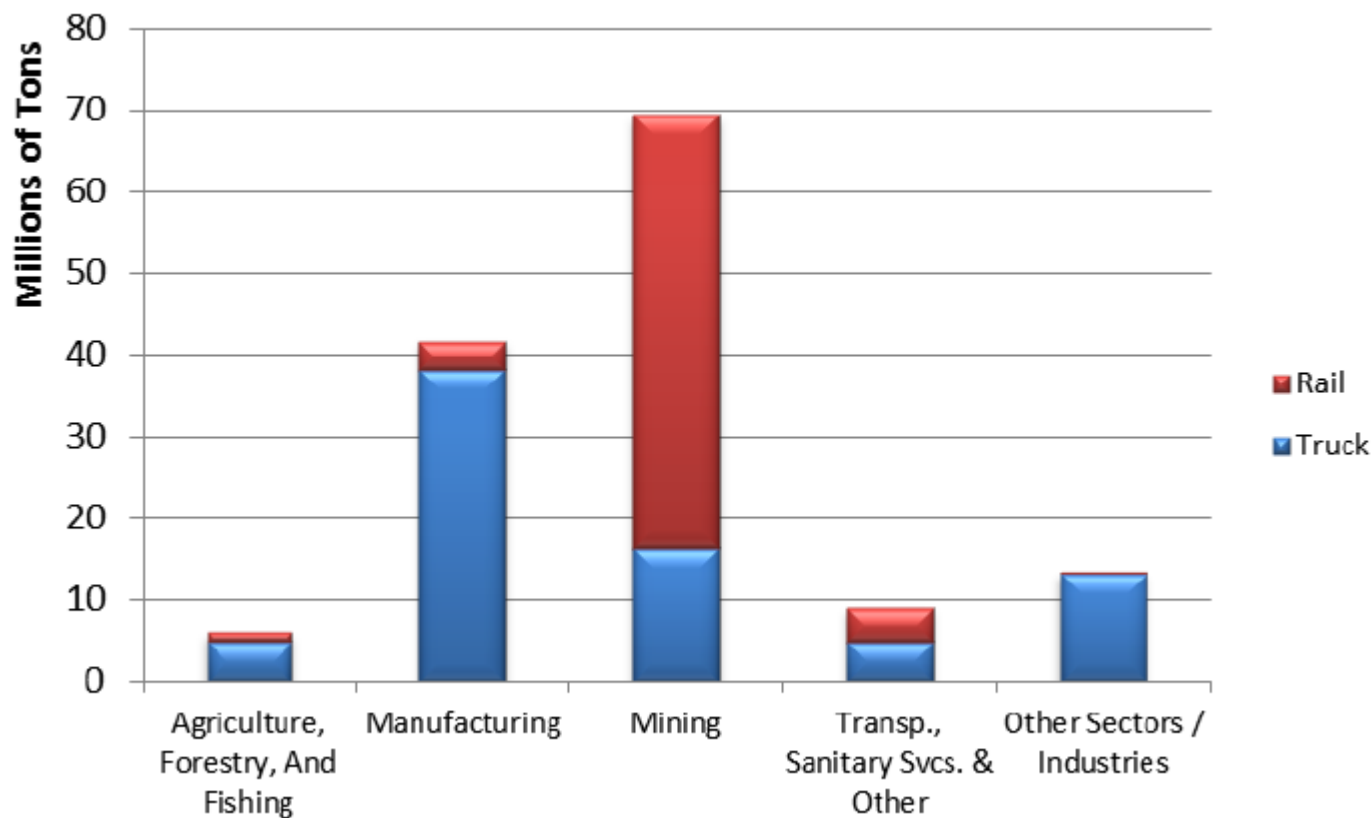
- Projected Volume & Commodity Type
- Population & Employment Projections
- Labor Market Trends & Initiatives

Improvement Scenario Data

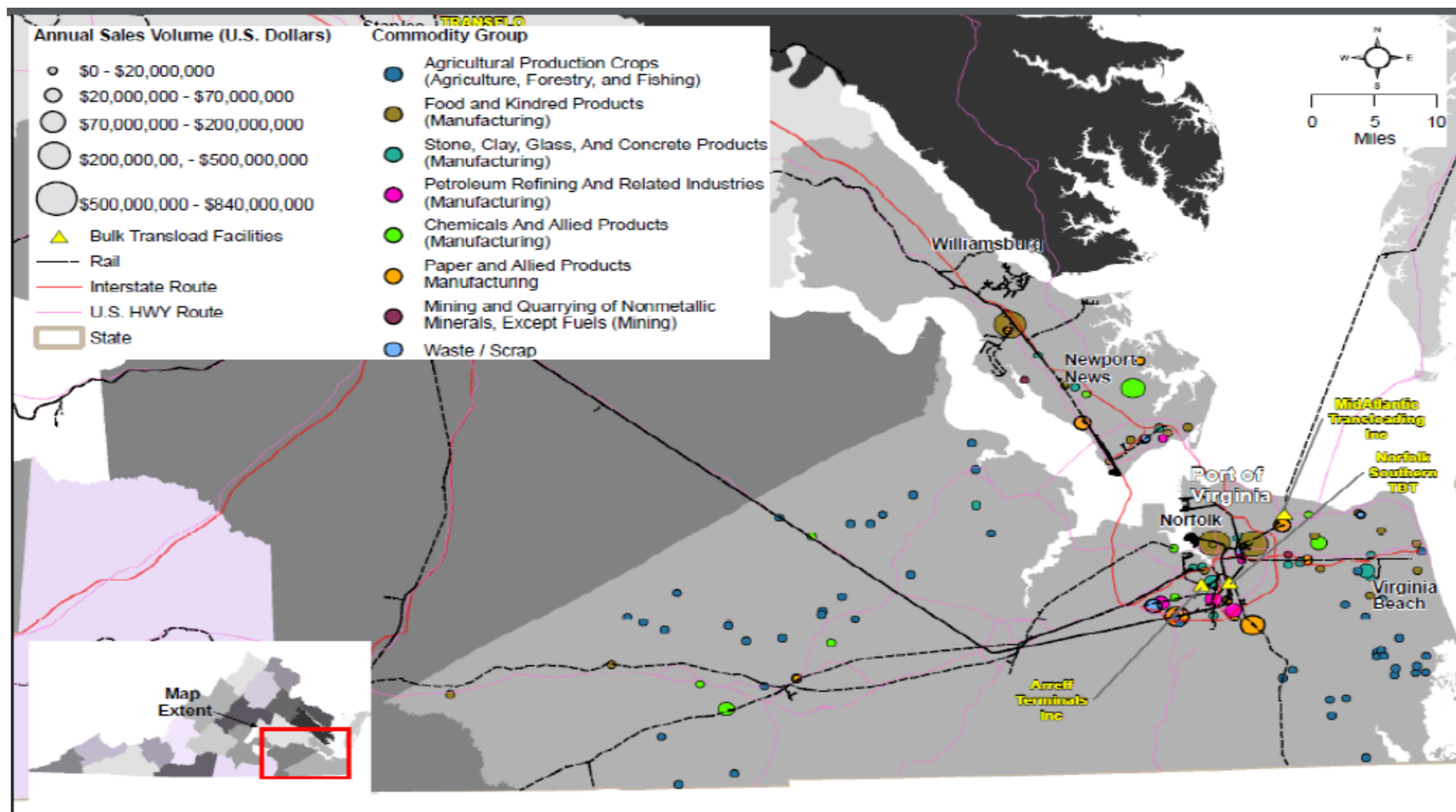
- Potential Rail Diversion Scenario
- Benefits Based on Mode Shift

Regional Economic Analysis

Freight Volumes Moved In and Out of PDC



Regional Economic Analysis



Scenario Analysis

- Characterize rail investment types with potential to capture additional rail travel
 - (i.e. sidings, industrial spur, etc.)
- Evaluate economic benefits of freight diversion
 - (i.e. vmt diversion, jobs, output, etc.)



Thank You

