



# Project Prioritization and Selection Process

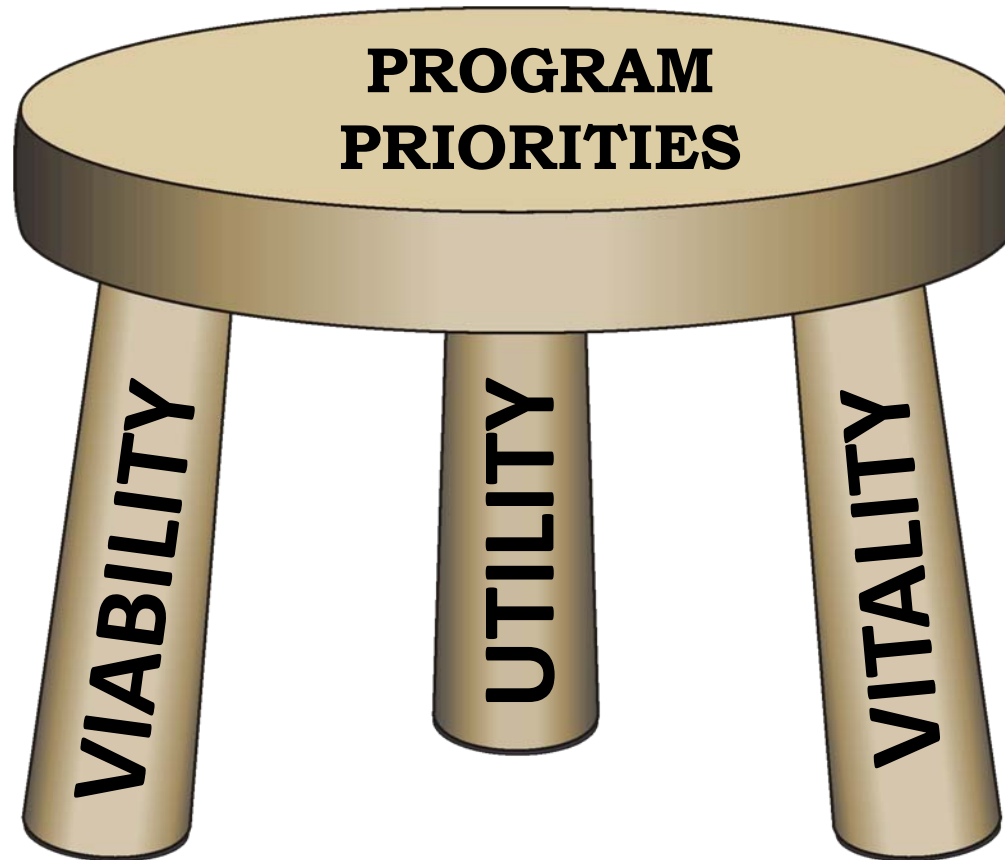
## - ECONOMIC VITALITY -

Hampton Roads Transportation  
Planning Organization



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# TPO Prioritization Process



# Economic Vitality:

- **Definition** – The ability for a proposed project to impact regional economic growth through increased capacity and/or increased opportunity.
- **Goal** - This measure will attempt to gauge how improvements in the region's transportation network reduce constraints on commerce and industry, improve productivity and labor market access, and expand opportunity for new business.

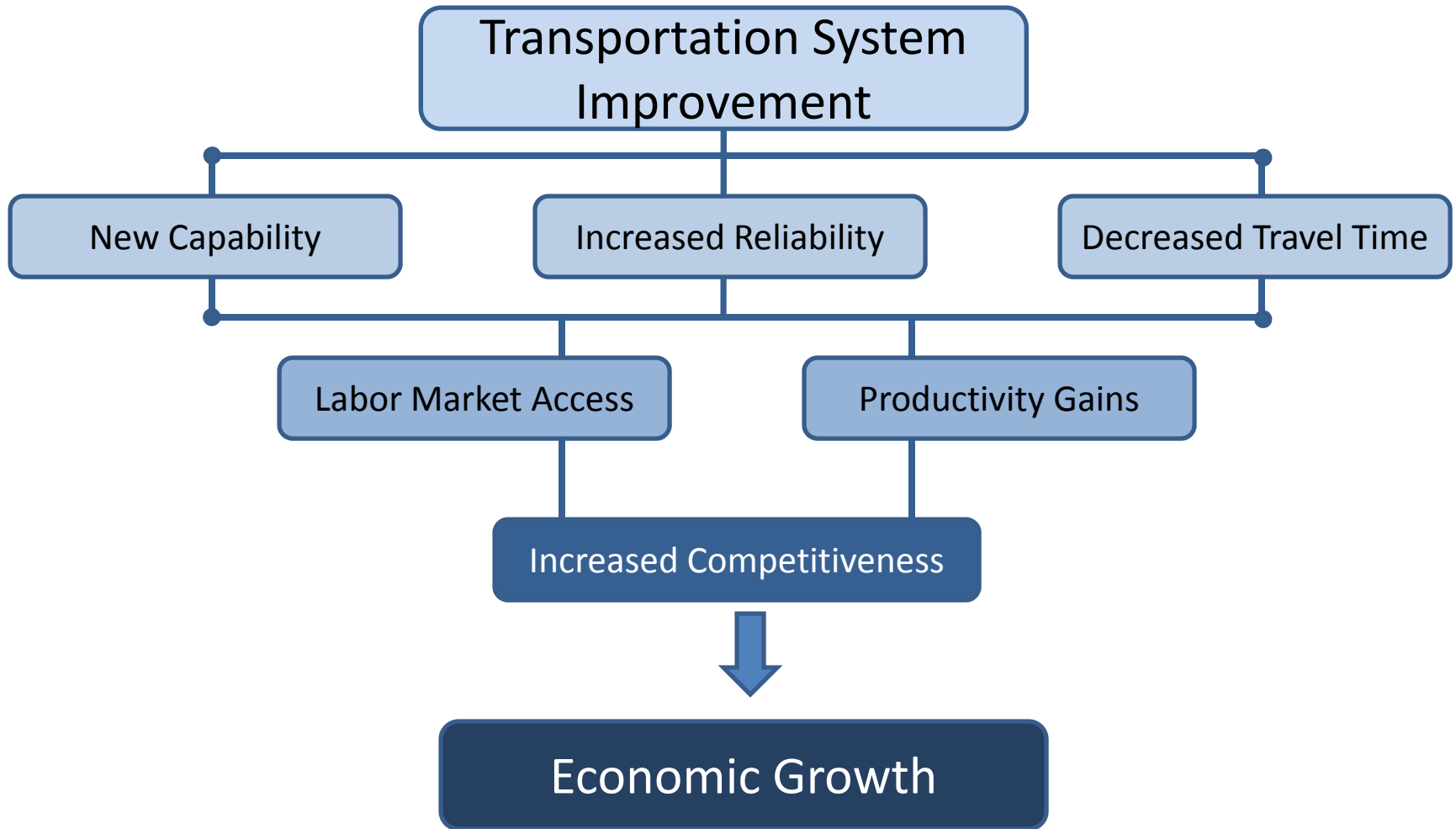
# Literature Review

- Professional and Academic Journals
  - Transportation improvements are **necessary but not sufficient** for economic development
  - Existing transportation infrastructure is well developed, resulting in diminishing marginal returns
  - Development benefits result from increased competitiveness
- Economic Models
  - Primarily driven by savings in travel time
- Benchmark Agencies
  - Prioritization processes are specifically tailored to the region

# Guiding Principles

- Basic “super” sector industries are the predominant driver of the regional economy
- Important to distinguish between creation and redistribution of development that results from infrastructure investments
- Identifying economic choke points is key to determining the financial benefits of a transportation project
- Transportation projects allow for the prospect of economic development, they **do not** create economic development
- Measuring the ability to affect economic development is predominantly about increasing regional competitiveness

# Flow chart



# Economic Vitality Categories

## Project Prioritization and Selection Categories

Highway	✓
Bridge/Tunnel	✓
Bike and Pedestrian	
Transit	✓
System Management/TDM/Op. Imp	
Intermodal	✓

# Highways and Bridges & Tunnels

## Weighting Factors

Highways, Bridges & Tunnels	
Criteria and Sub Criteria	Weighting
Total Reduction in Travel Time	30.0
Labor Market Access	20.0
Travel Time Reliability	10.0
Increases Access for High Density Employment Areas	10.0
Addresses the Needs of Basic Sector Industries	30.0
Increases Access for Tourist Destinations	10.0
Increases Access for Defense Installations	10.0
Increases Access for Port Facilities	10.0
Increases Opportunity	20.0
Provides New or Increased Access	10.0
Supports Plans for Future Growth	10.0
<b>Total</b>	<b>100.0</b>



# Transit Weighting Factors

Transit	
Criteria and Sub Criteria	Weighting
<b>Labor Market Access</b>	<b>45.0</b>
Increases Access for Major Employment Centers	20.0
Increases Travel Time Reliability	10.0
Increase in Frequency of Service	10.0
Access to Institutions for Higher Education	5.0
<b>Addresses the Needs of Basic Sector Industries</b>	<b>20.0</b>
Provides or Improves Access for Defense Installations	10.0
Increases Access for Tourist Destinations	10.0
<b>Increases Opportunity</b>	<b>20.0</b>
Provides New Access to the Network	5.0
Supported by Plans for Increased Density and Economic Activity	15.0
<b>Economic Distress Factors</b>	<b>15.0</b>
Access to Areas with High Unemployment	5.0
Access to Low Income Areas	10.0
<b>Total</b>	<b>100.0</b>

# Intermodal Weighting Factors

Intermodal	
Criteria and Sub Criteria	Weighting
Total Reduction in Travel Time	20.0
Labor Market Access	20.0
Travel Time Reliability	15.0
Increases Access for High Density Employment Areas	5.0
Impact on Truck Movement	15.0
Improves Interaction Between Modes of Travel	15.0
Increases Access to the Port	5.0
Improves Freight Movement by Rail	5.0
Increases Access to Airports	5.0
Increases Opportunity	30.0
Provides New or Increased Access	20.0
Supports Plans for Future Growth	10.0
<b>Total</b>	<b>100.0</b>

# Next Steps

- Today – Recommend HRTPO Approval of “Economic Vitality” Methodology
- Final Comprehensive Report on the Prioritization Tool Delivered to TTAC for Approval– July 7<sup>th</sup>
- Final Comprehensive Report on the Prioritization Tool Delivered to HRTPO Board for Approval – July 21<sup>st</sup>

# Comments