

# Peninsula Corridor Study Council Briefing

By Hampton Roads Transit



*Hampton*  
VIRGINIA

**Hampton City Council**

**February 8, 2017**



HAMPTON ROADS  
TRANSIT

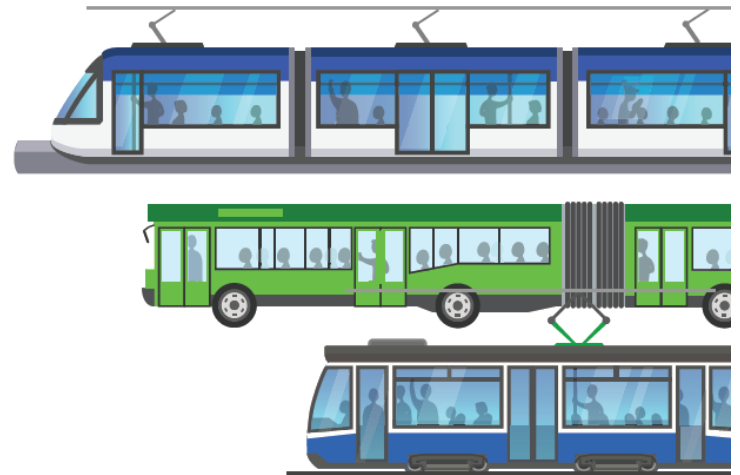
**Peninsula Corridor Study  
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**[gohrt.com](http://gohrt.com)**

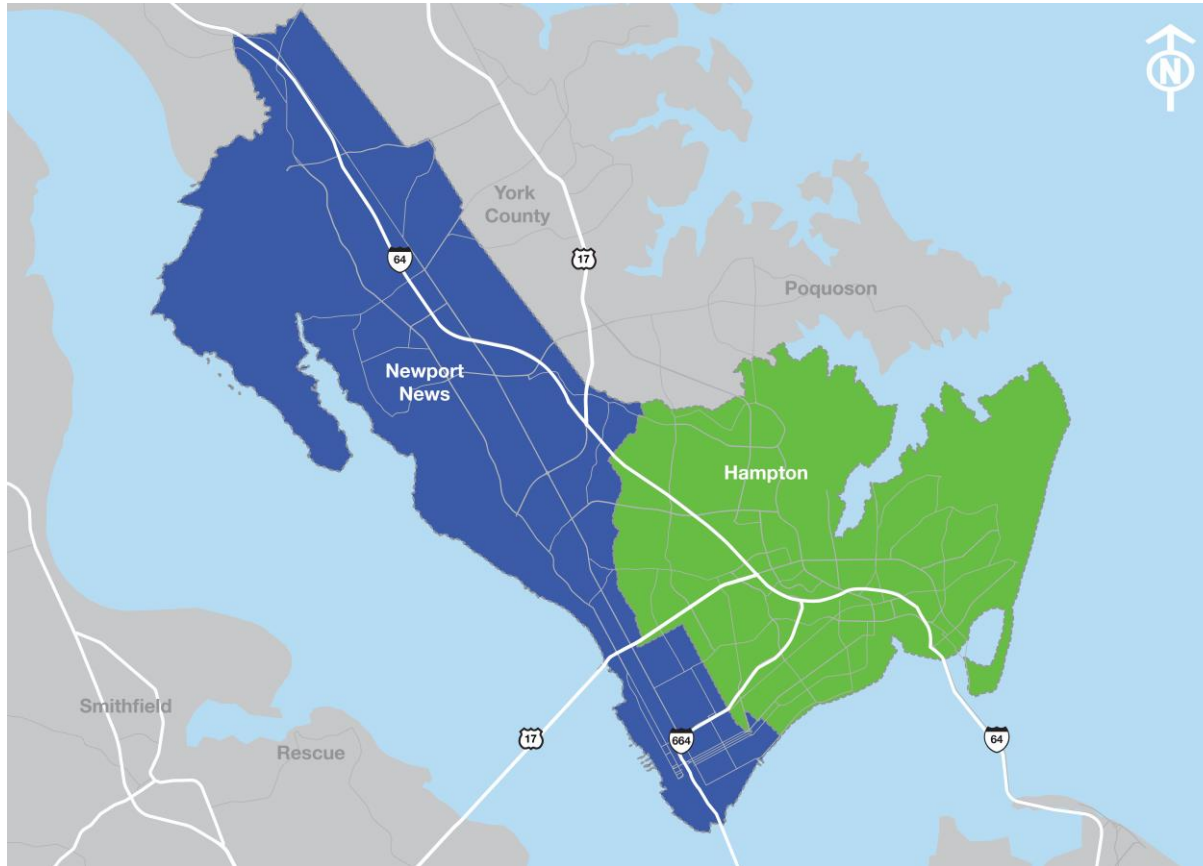
# Agenda

- **Project Overview**
- **Project Progress Update**
  - Tier 1 Evaluation
  - Tier 2 Evaluation
  - Next Steps
- **Federal Funding Considerations**

# Project Overview



# What is the Peninsula Corridor Study?



The Study is being managed by Hampton Roads Transit (HRT) in cooperation with the Cities of Newport News and Hampton.

**Newport News**  
Where Great Things Are Happening

**HAMPTON VA**

# Study Process

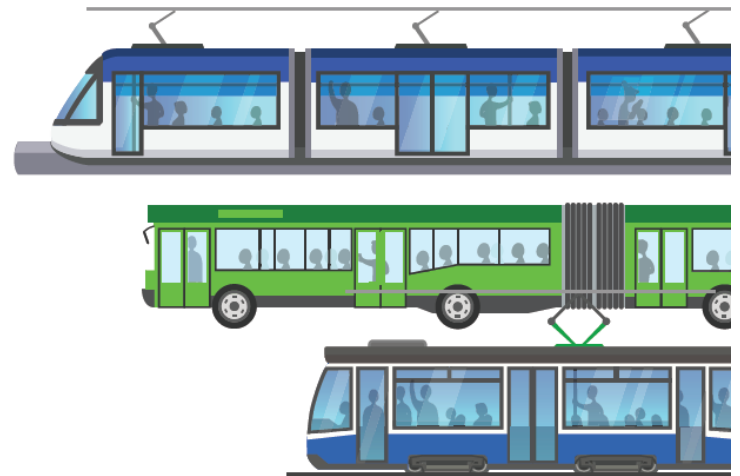
Purpose & Need

Tier 1 Alternatives & Screening

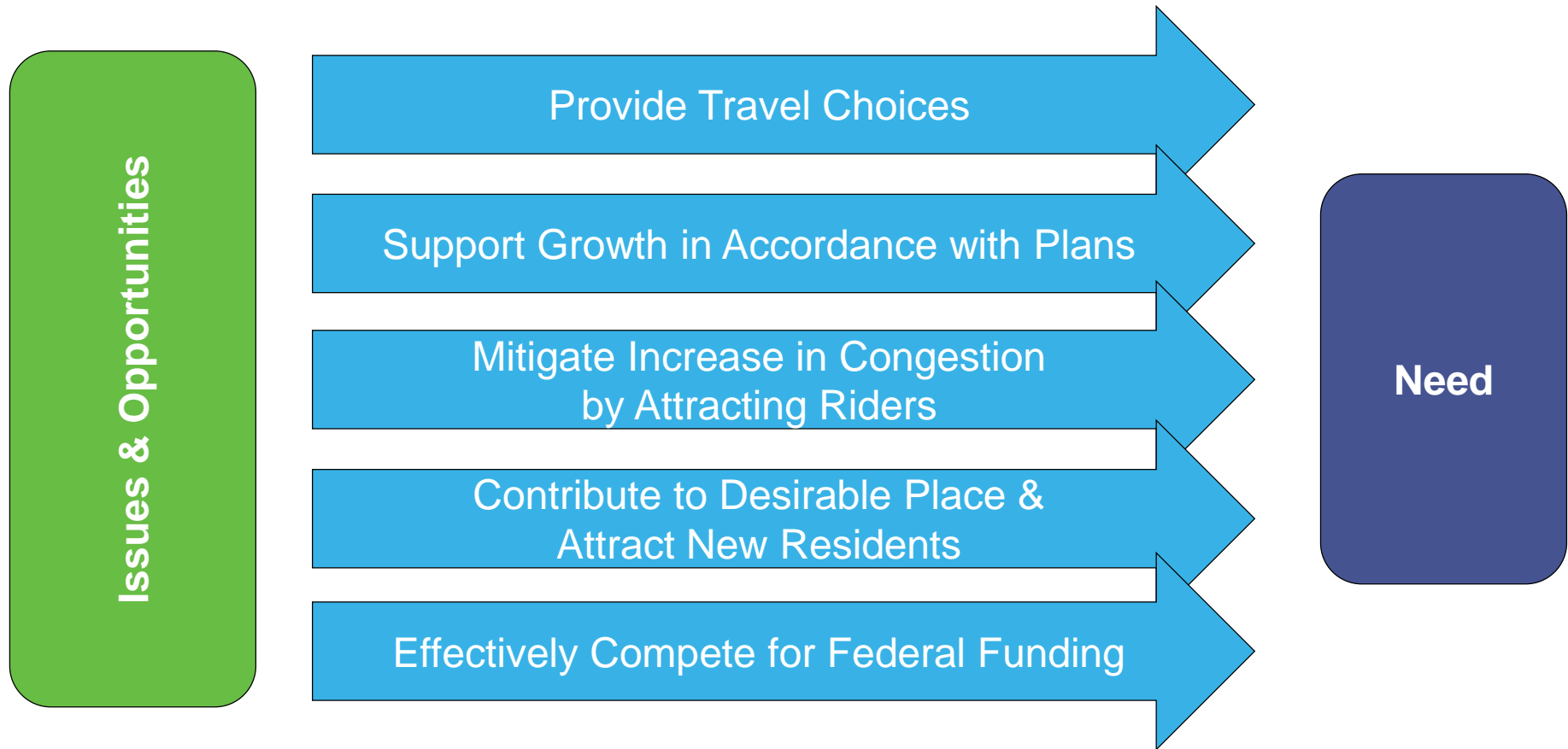
Tier 2 Alternatives & Evaluation

Recommendations & Next Steps

# Project Status

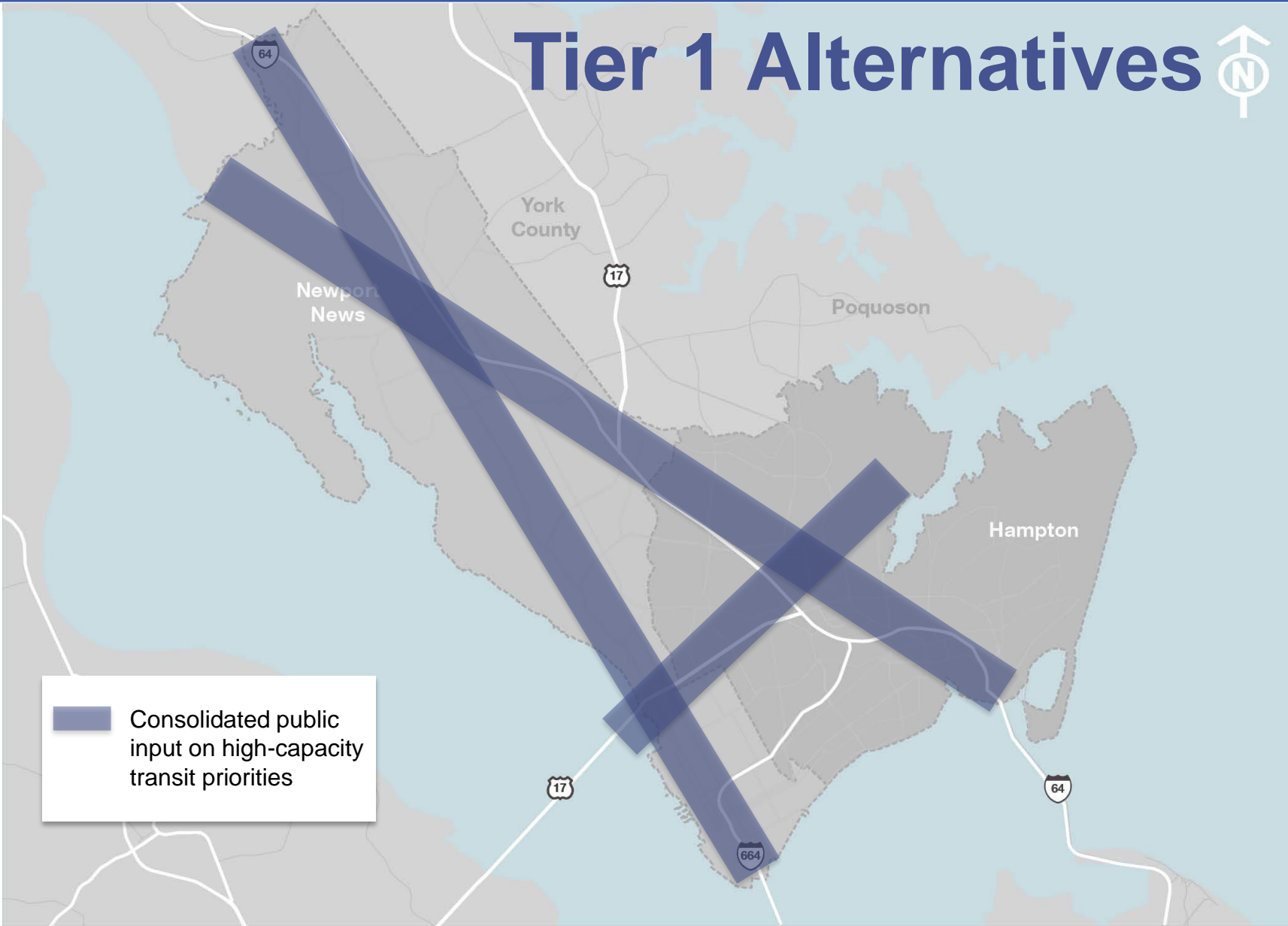



# Purpose & Need





# Tier 1 Alternatives



 Consolidated public input on high-capacity transit priorities



# Evaluation Framework

## PURPOSE

## TIER 1 SCREENING CRITERIA

Provide Travel Choices

Serves Public Facilities & Popular Destinations

Transportation Connections

Transit Reliability

Transit Travel Time Savings

Support Growth in Accordance with Plans

Employment (Jobs)

Population

Land Use

Mitigate Increase in Congestion by Attracting Riders

Network Capacity

Transit Ridership

Likely Property Impacts

Traffic Flow

Contribute to Desirable Place & Attract New Residents

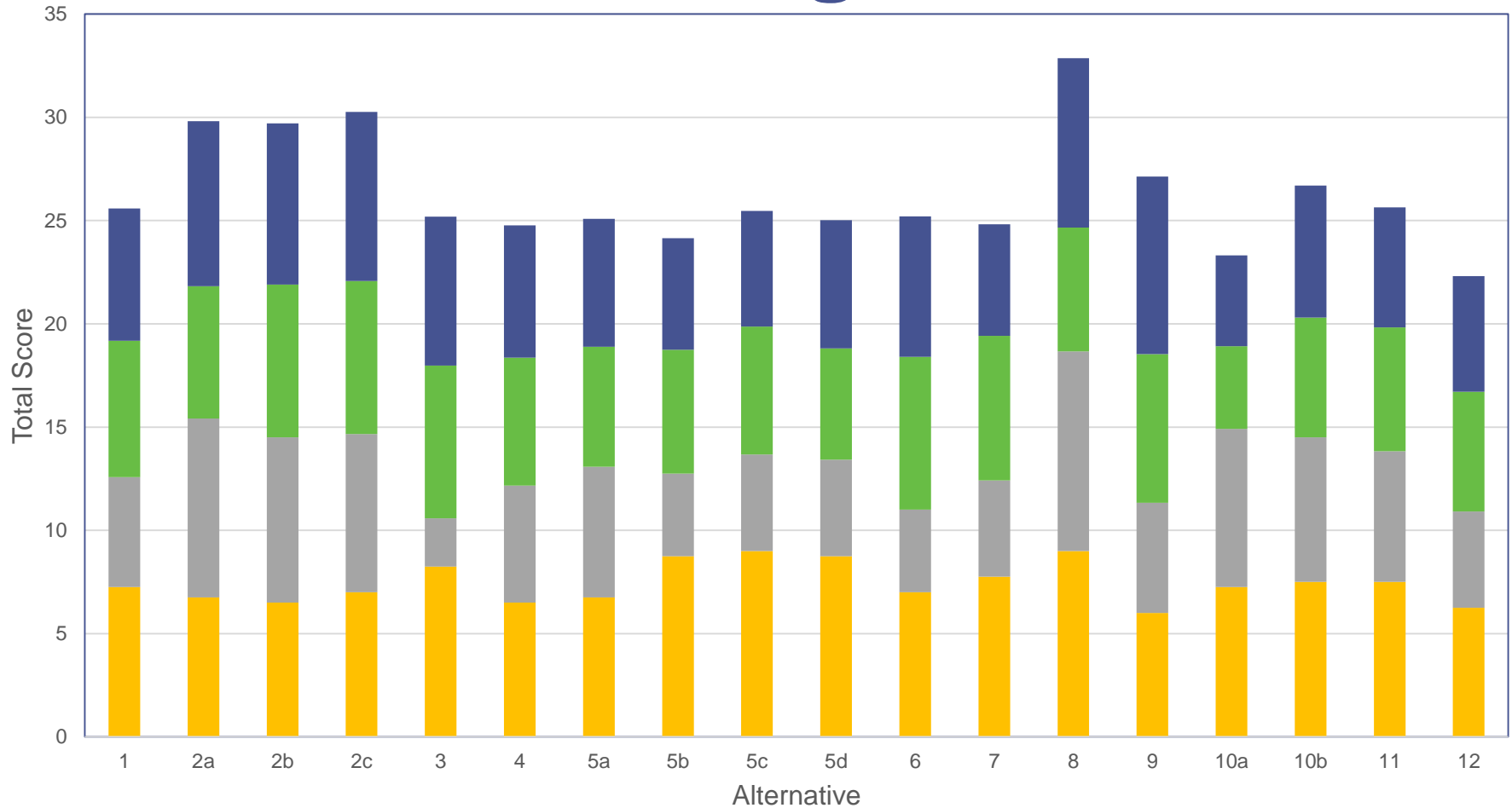
Impacts to Environmental Features

Serves Households Likely to Use Transit

Serves Households without Cars



# Tier 1 Screening Results



Project Purpose

- Contribute to a Desireable Place & Attract New Residents
- Support Growth in Accordance with Plans
- Mitigate Increase in Congestion by Attracting Riders
- Provide Travel Choices

# Tier 1 Screening

**Tier 1 Alternatives**



**Ranking by Total Evaluation Score**



## **Dismiss**

- Does not score well
- Fatal flaw
- Does not meet minimum performance in one or more categories
- Clearly a better alternative serving similar markets



**Document and set aside**

## **Retain**

- Good scores overall
- Clear public benefits that outweigh costs/impacts



## **Modify**

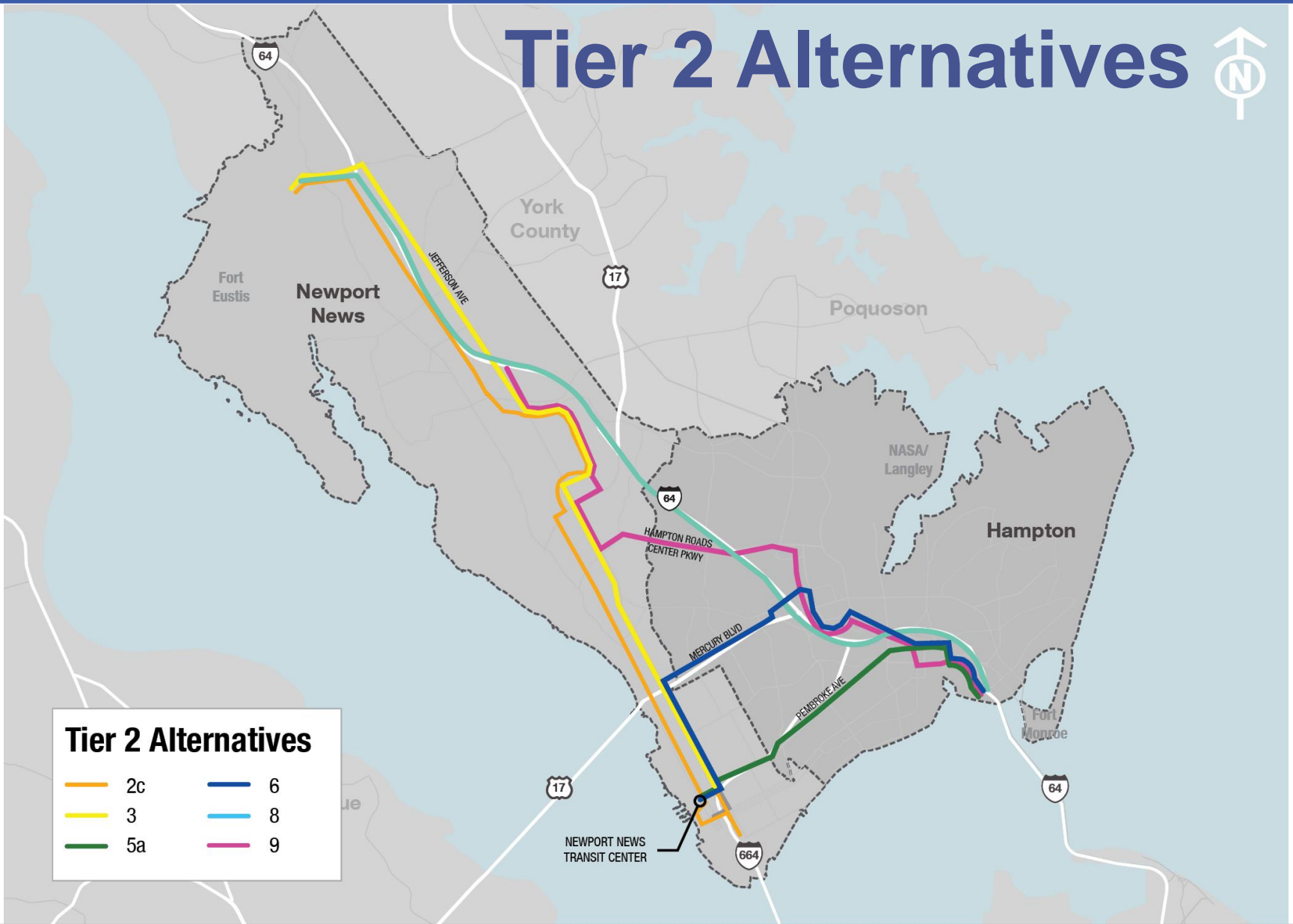
- Truncate to eliminate cost or impact
- Combine with another alternative
- Select best performing segment(s)



**Tier 2 Alternatives**



# Tier 2 Alternatives



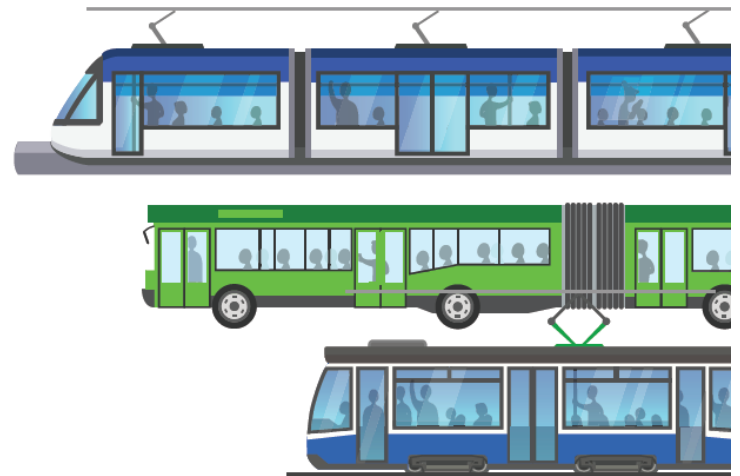
## Tier 2 Alternatives

- |    |   |
|----|---|
| 2c | 6 |
| 3  | 8 |
| 5a | 9 |

# Tier 2 Alternatives

Alternative		Project Purpose				
		Provide Travel Choices	Support Growth in Accordance with Plans	Mitigate Increase in Congestion by Attracting Riders	Contribute to a Desirable Place & Attract New Residents	Effectively Compete for Federal Funding
2c Easement	North/ South	✓	✓	✓	✓	TBD
3 Jefferson	North/ South	✓	✓	✓	✓	TBD
5a Pembroke	East/ West	✓	✓	✓	✓	TBD
6 Mercury	East/ West	✓	✓	✓	✓	TBD
8 I-64	Diagonal	✓	✓	✓	✓	TBD
9 HR Center/ Armistead	Diagonal	✓	✓	✓	✓	TBD

# Federal Funding Considerations



# FTA's Capital Investment Grant (CIG) Program

- **Discretionary & Highly Competitive Grant Program**
  - Roughly \$2 Billion appropriated each year
  - Historical average federal share for projects in the program =50%
  - Demand for funds far exceed supply
- **Multi-year, multi-step process, with FTA project evaluation and rating required at specific points**



# Eligible FTA CIG Projects

- **New Starts**

- Fixed Guideway > **\$300 million** or seeking  $\geq$  **\$100 million** in CIG funds

- **Small Starts**

- Fixed Guideway or corridor-based BRT < **\$300 million** and seeking < **\$100 million** in CIG funds



# FTA BRT Eligibility

- **Corridor Based BRT**



- Operates in mixed traffic
- Frequent bi-directional service (weekdays)
- Traffic signal priority required

- **Fixed Guideway BRT**



- Operates in exclusive lane on >50% of alignment during peak periods
- Frequent bi-directional service (inc. weekends)
- Traffic signal priority required

# FTA New and Small Starts Process

## New Starts Process

### Project Development

- Complete environmental review process including developing and reviewing alternatives, selecting locally preferred alternative (LPA), and adopting it into the fiscally constrained long range transportation plan

### Engineering

- Gain commitments of all non-New Starts funding
- Complete sufficient engineering and design

### Full Funding Grant Agreement

- Construction

## Small Starts Process



### Project Development

- Complete environmental review process including developing and reviewing alternatives, selecting locally preferred alternative (LPA), and adopting it into fiscally constrained long range transportation plan
- Gain commitments of all non-Small Starts funding
- Complete sufficient engineering and design

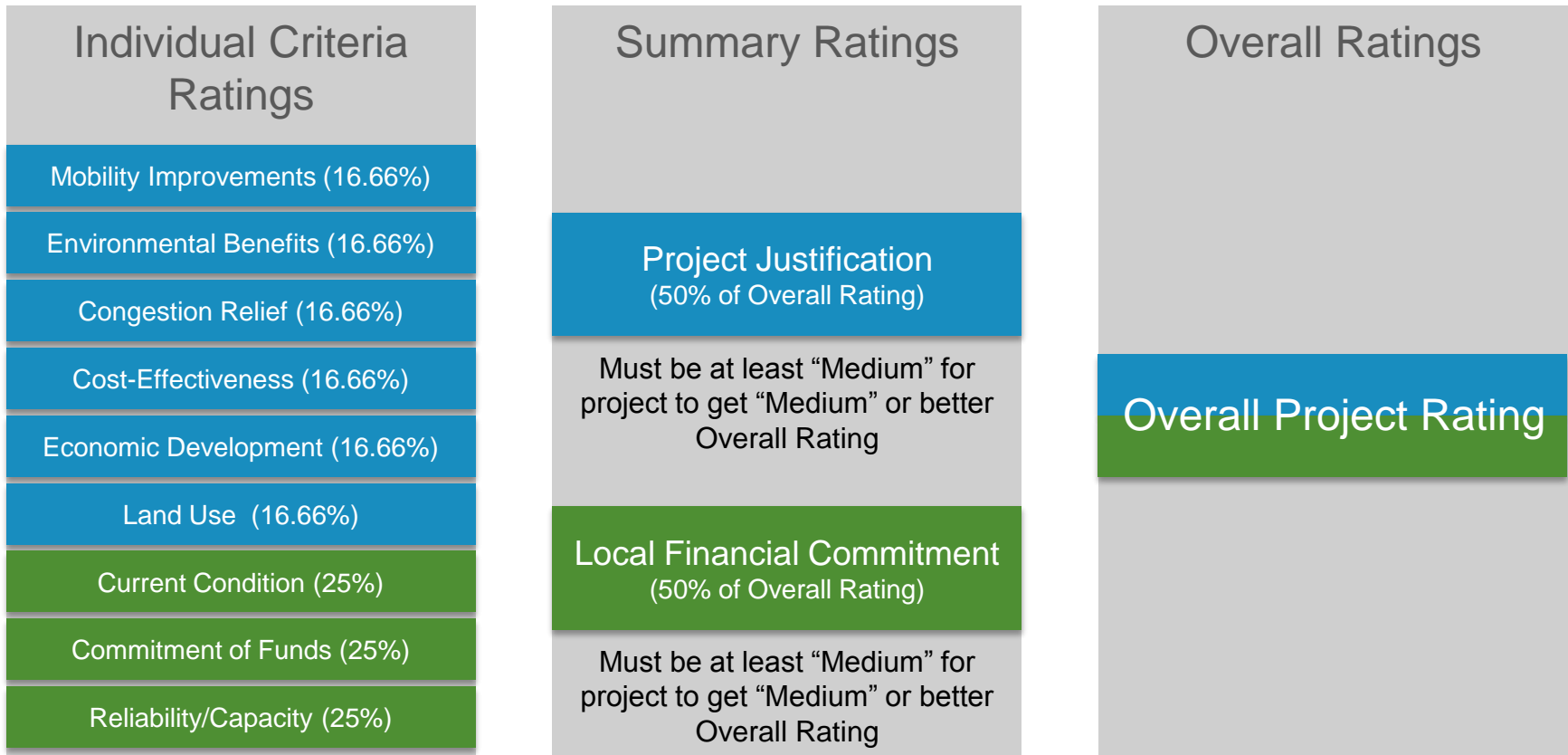
### Small Starts Grant Agreement

- Construction

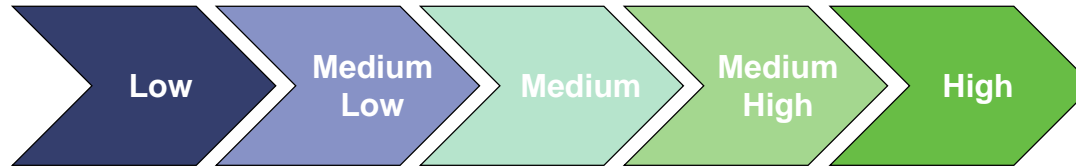
### Legend

- FTA Approval 
- FTA evaluation, rating, and approval 

# FTA Project Evaluation & Rating



# CIG Ratings

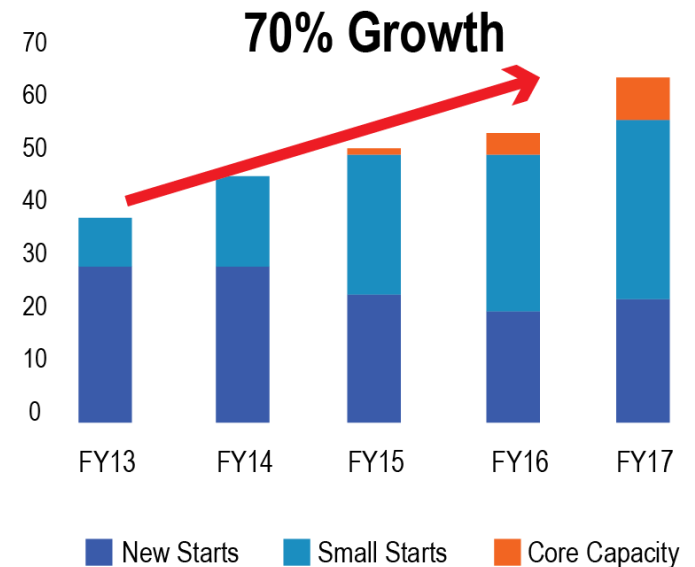
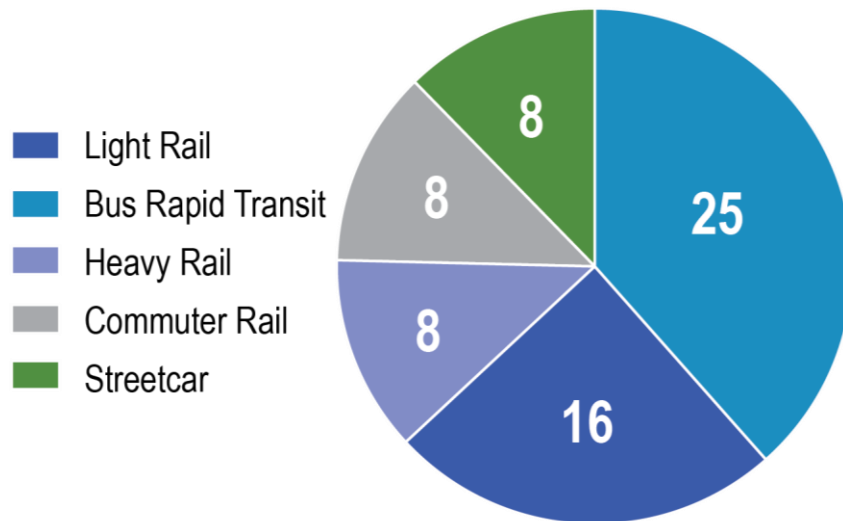


- **Must get at least “Medium” to advance**
- **Ratings used to:**
  - Approve or deny advancement into Engineering
  - Approve or deny projects for construction grants
  - Support annual funding recommendations to Congress

# CIG Funding

- New Starts projects eligible for maximum of 60% Federal funding
- Small Starts projects eligible for maximum of 80% Federal funding

## Current CIG Pipeline (65 Projects)



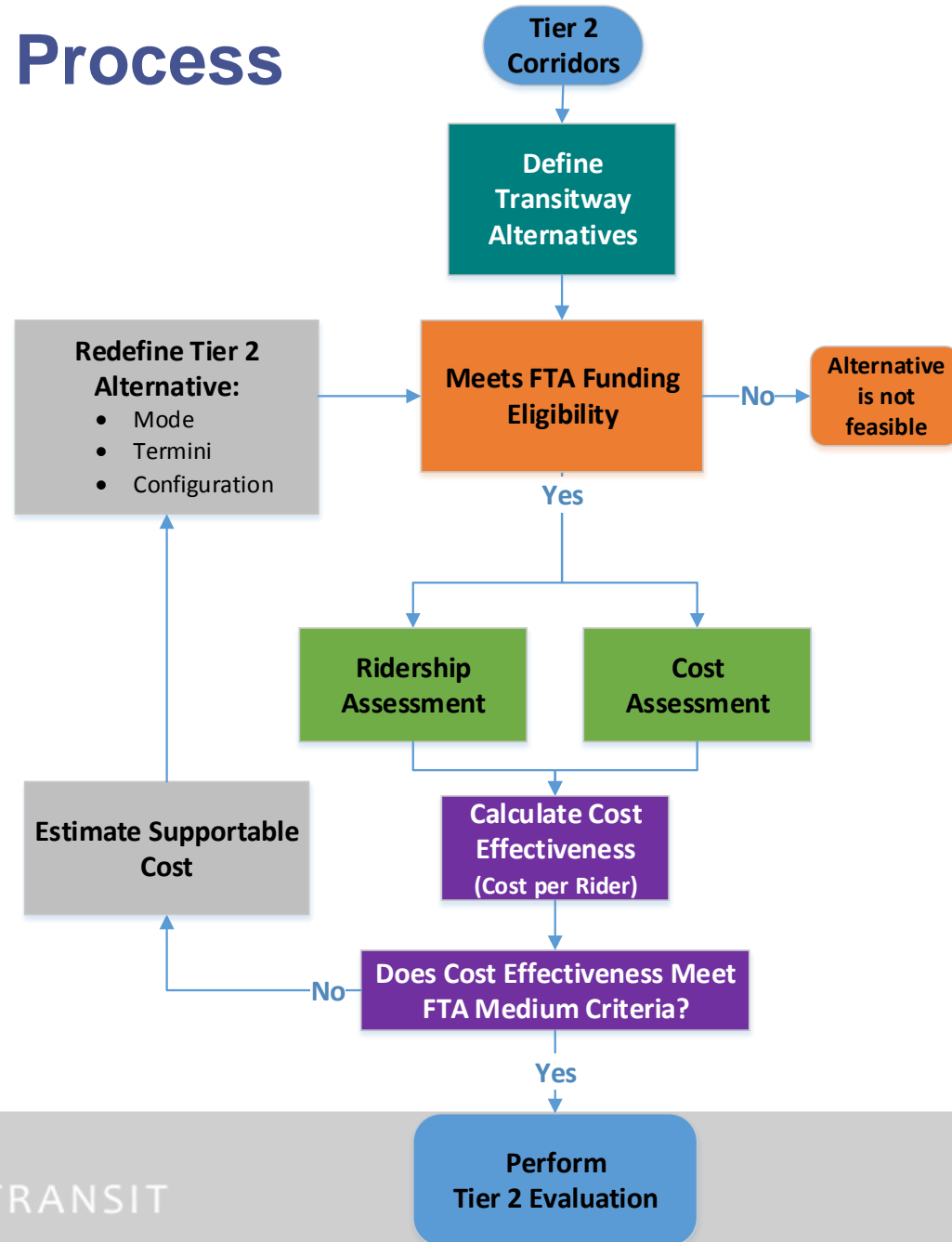
# Next Steps

- **Tier 2 Evaluation**
  - Corridor Definition
  - Evaluation
  - Concept Design and Cost Estimation
- **Engagement**
  - Committee Meetings
  - Public Workshops and Pop-up Meetings
  - Online Engagement
- **Develop Recommendations**



# Alternatives Definition Process

1. Define Transitway Alternatives
2. Ensure FTA Funding Eligibility Requirements for are met
3. Assess preliminary ridership and costs
4. Evaluate Cost Effectiveness against FTA criteria
5. If necessary, redefine alternative to meet a supportable cost





# Hampton Conversations

- ✦ Internal staff discussions: Planning, Neighborhoods, Public Works
- ✦ Coliseum Central BID, DHDP
- ✦ Working to identify community “champions”

# Local Challenges

- ✦ Balancing connectivity and level of service
- ✦ Accommodating fixed guideway in city right-of-way
- ✦ Circulators/Feeder Network

# Contact Information

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