



REGIONAL CONNECTORS STUDY

JOINT STEERING (POLICY) COMMITTEE/WORKING GROUP MEETING

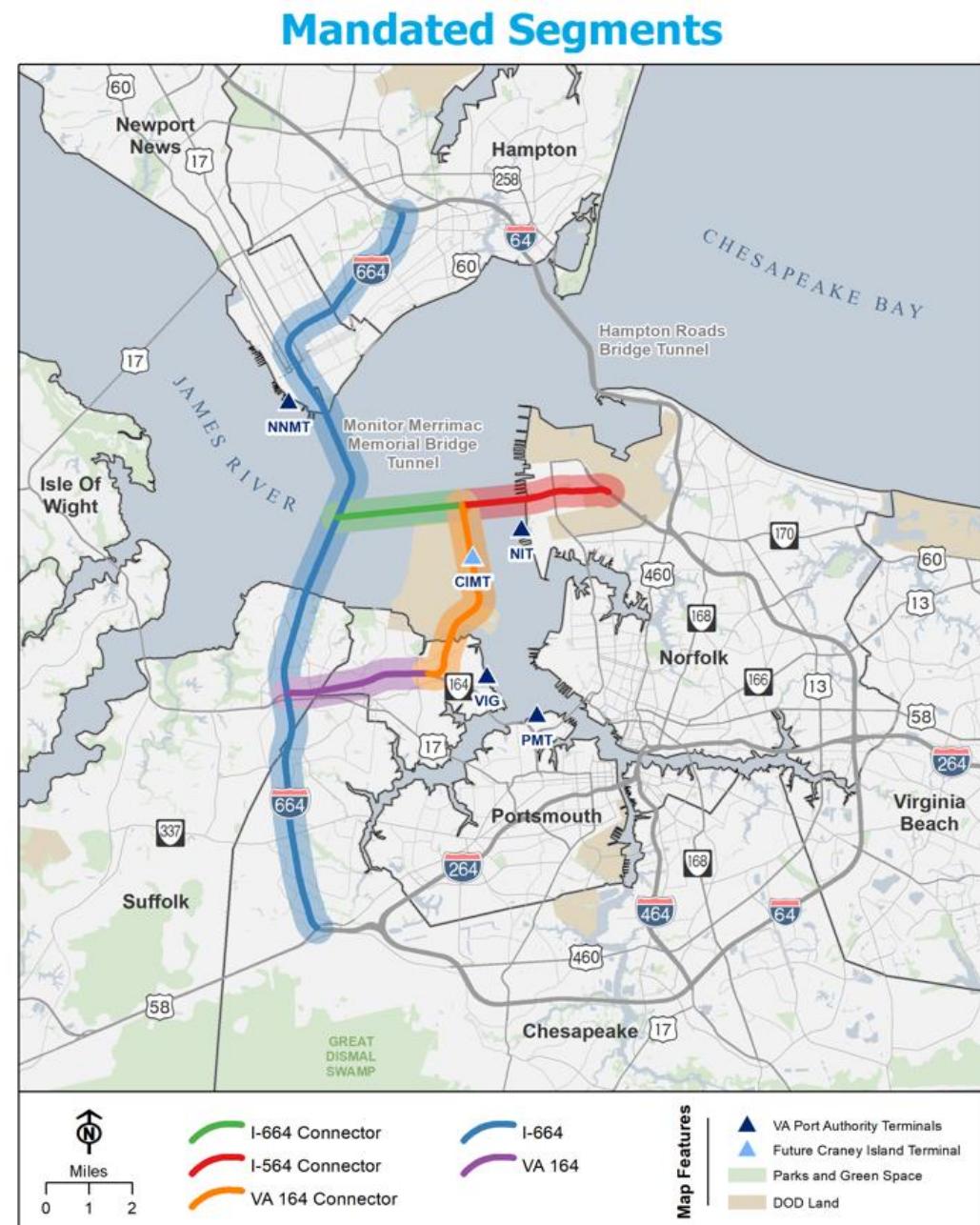
OCTOBER 12, 2021

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INTERNATIONAL

RCS Methodology Update

PROPOSED APPROACH TO SUPPORT PROJECT COMPLETION

The mandated study segments haven't changed. The updated methodology will simply sort the segments into chronological tiers based on readiness and known challenges associated with construction and permitting



Updated Phase 3 Process

Establish Tiering Framework

Apply the Framework
– Tier the Segments

Evaluate Congestion Relief
– Finalize Segments Tiers

Provide Segment Insights
for TPO Planning



Construction Complexity

Permitting Challenges

Readiness

Congestion Relief

Segment Tiering

Tier 1

- Favorable constructability and permitting
- Favorable readiness

Tier 2

- Favorable or mixed constructability and permitting
- Less favorable readiness

Tier 3

- Currently challenged for constructability and permitting
- Higher degree of uncertainty/requires additional information

Evaluation Framework



Construction Complexity

- Cost, engineering feasibility, and timing issues
- Overall complexity & design “dependencies”
- Rate as high, medium, and low importance for tiering



Permitting Challenges

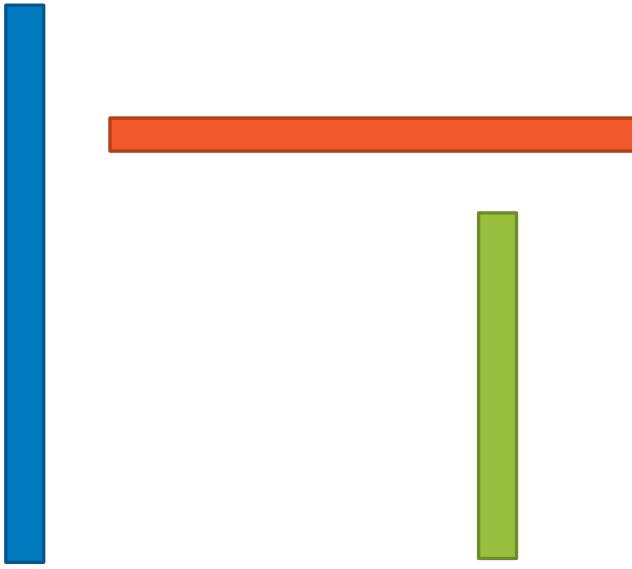
- Likelihood of impacts and timing issues
- Likelihood of future changes in policies related to permitting
- Rate as high, medium, and low importance for tiering



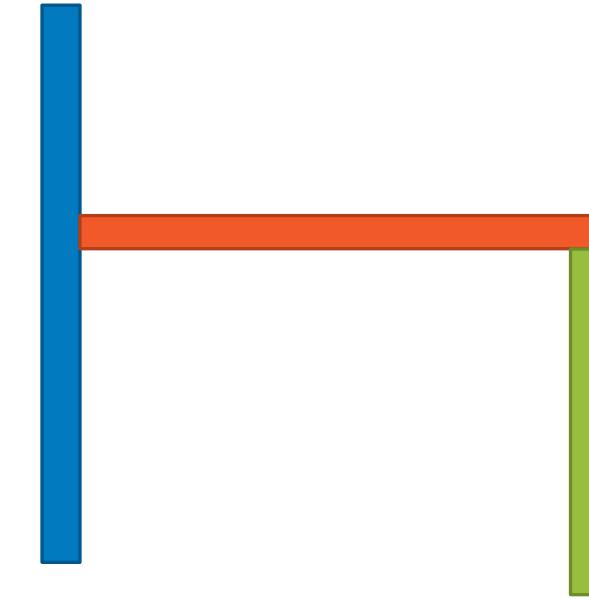
Readiness and Other Factors

- Reflects the timing aspects of the Construction and Permitting issues
- Evaluation of:
 - Independent utility
 - Overall System and Express lane continuity
 - Necessity to the development of other segments
 - Consistency / compatibility with local land use

Segments vs Bundles

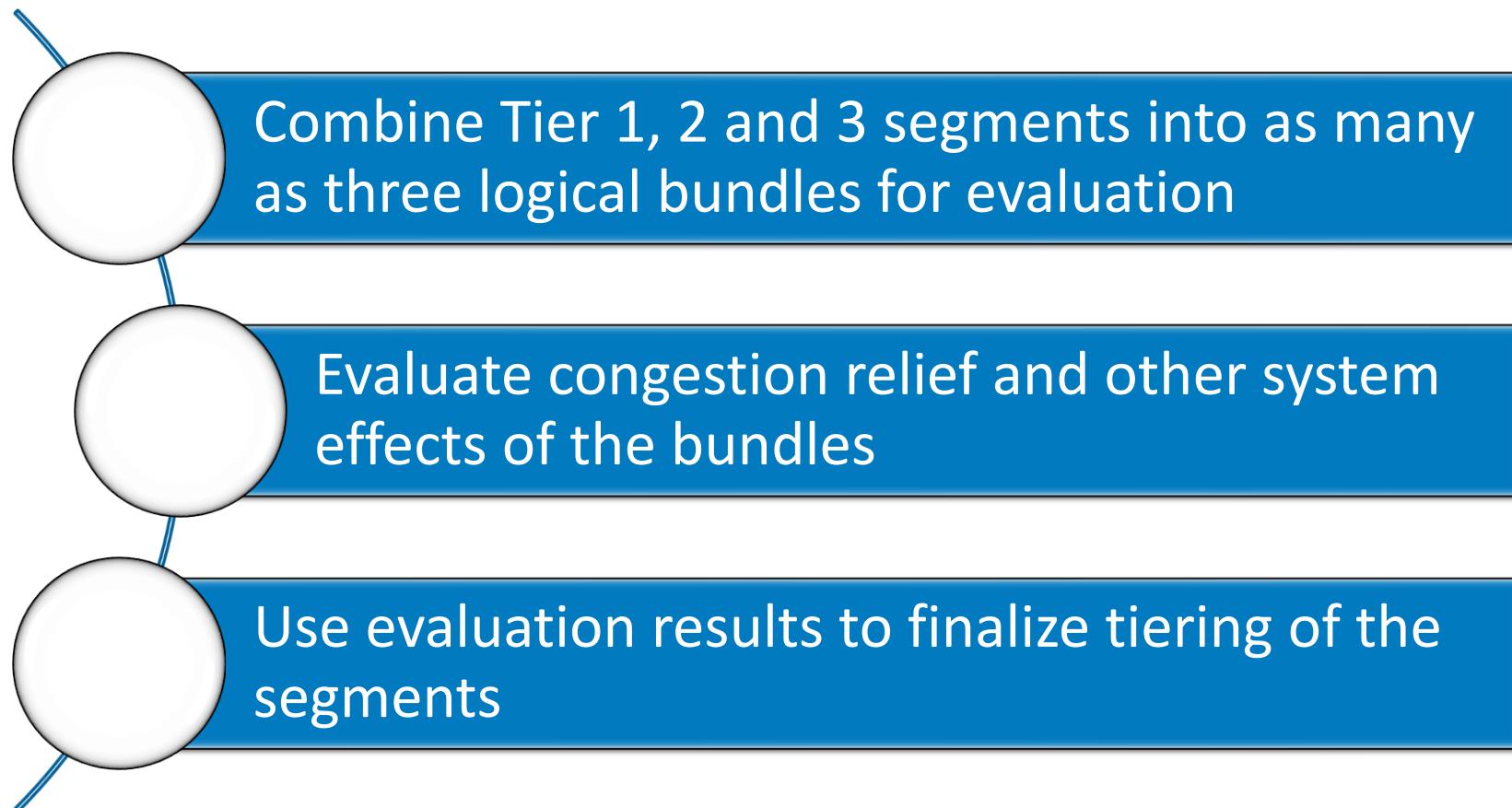


SEGMENTS



BUNDLE

Congestion Relief Evaluation



Regional Connectors Study Outcomes

Inform HRTP's 2050 LRTP & Prioritization Process

- *Scenario Planning Evaluation*
- *Operational Analysis*

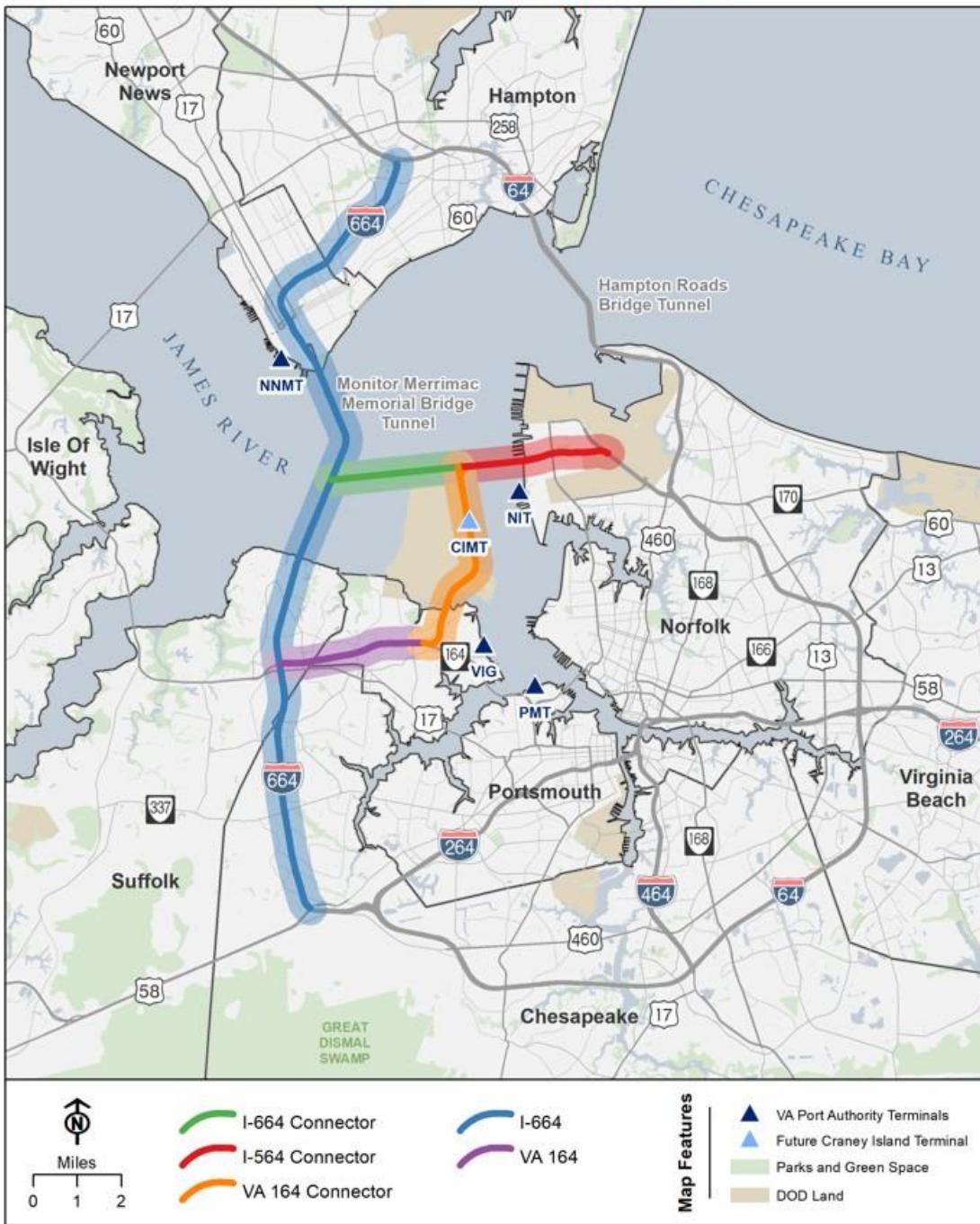
Next Steps

- Revise Phase 3 scope of work to reflect agreed process
- Seek scope endorsement from Steering (Policy) Committee
- Schedule future meetings to review progress

Regional Connectors Study Path Forward

October 12, 2021

Mandated Segments



Past Philosophy

- Study segments with a goal of screening out options that have challenges related to permitability and constructability
- Advance the most favorable segments to the next evaluation phase
- Eliminate least favorable segments from further consideration

What We Heard

- The RCS is a long-term study, some of the options may not be constructed for decades
- Technology, community growth, characteristics and needs will evolve over time
- Agree that there are questions and concerns about some segments, but its too early to eliminate at this stage
- Use the RCS to learn as much as possible about each segment's advantages and disadvantages
- However, don't slow down ready to go projects

Recommended Path Forward

- HRTPO staff and the Consultant team believe that the consensus of the Steering (Policy) Committee to retain certain segments through the next stage of analysis can be accomplished without the need for additional funding for the Regional Connectors Study.

Recommended Path Forward

- Each of these segments would be advanced to the next phase of this study, where an analysis would be completed on the degree to which each segment addresses the needs of the region. In addition, the cost, constructability, permitability and congestion relief of the various segments will be evaluated.

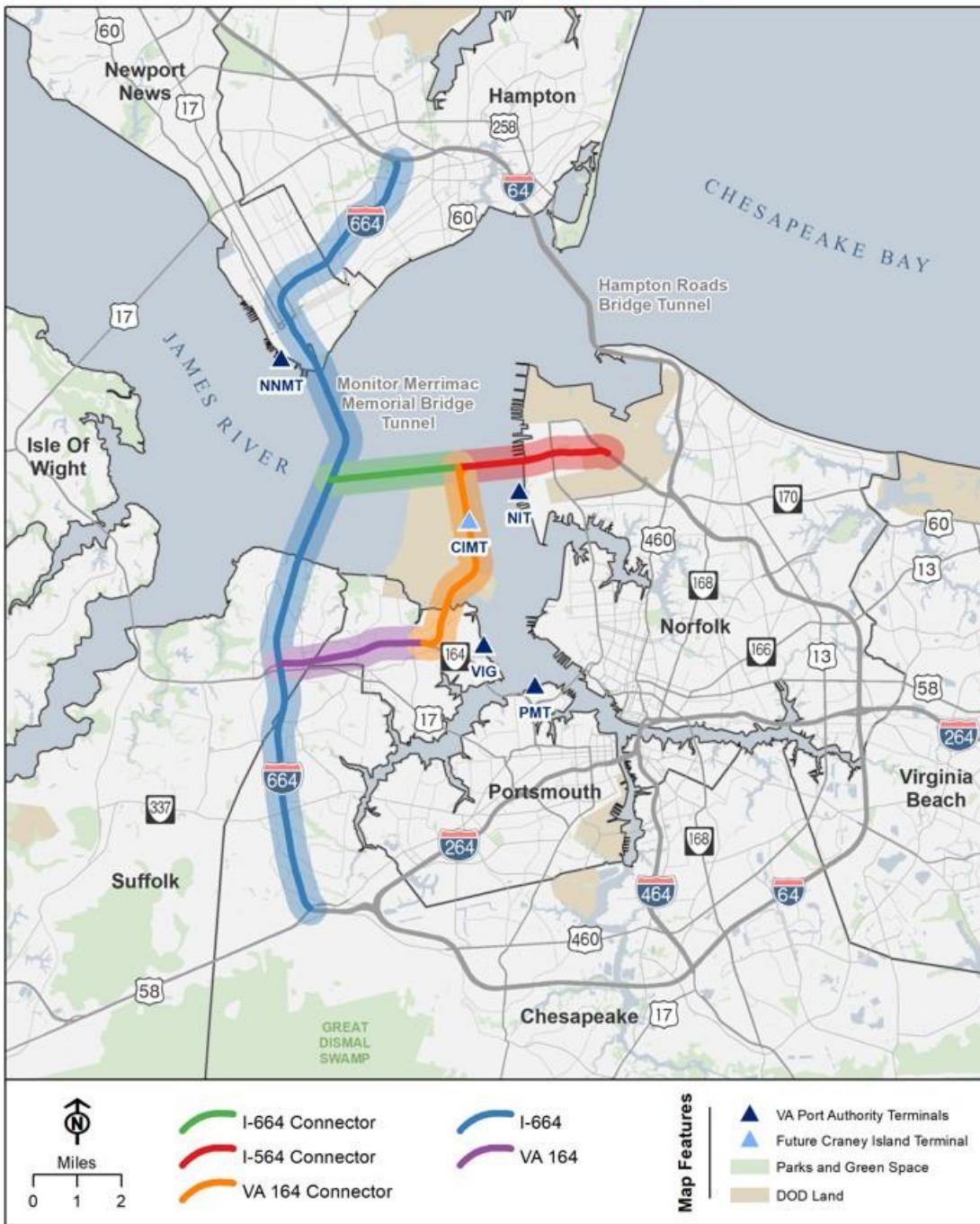
Path Forward

- Using the criteria/evaluation summarized above, the various segments will be ranked and staged based on project readiness.
- This project readiness approach has served our region well to advance regional priority projects over the past 6 years.
- Potential category groupings might include the following:

Segment Categories

- Those segments that are ready for advancement and should be recommended for consideration in the fiscally constrained portion of the 2050 Long Range Transportation Plan, as developed by the HRTPO.
- Those segments which require further refinement and maturation, and will be recommended for consideration in the 2050 Vision Plan as projects requiring further evaluation for permitability and constructability.
- Those segments that due to technical issues or other items will be retained but will warrant further consideration by the community at the appropriate time.

Mandated Segments



Questions ?