

April 10, 2019

**Memorandum #2019-60**

**TO: Regional Connectors Study (RCS) Working Group**

**BY: Camelia Ravanbakht, RCS Project Coordinator**

**RE: Regional Connectors Study Working Group Workshop – April 17, 2019**

Attached is the agenda for the **Regional Connectors Study Working Group Workshop** scheduled for **Wednesday, April 17, 2019 at 10:00 a.m.** in the Regional Building, Boardroom A, located at 723 Woodlake Drive, Chesapeake, Virginia 23320.

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**Voting Members:**

Earl Sorey (CH)

James Wright (PO)

Angela Rico (HA)

Bryan Stilley (NN)

Jason Souders (SU)

Brian Fowler (NO)

Phil Pullen (VB)

**Nonvoting Members:**

Jason Flowers (Army Corps)

Gene Leonard (US Coast Guard)

George Janek (Army Corps)

Michael King (US Navy)

Robert Pruhs (Army Corps)

Tony Gibson (VDOT)

Ivan Rucker (FHWA)

Jennifer Salyers (VDOT)

Kevin Page (HRTAC)

Kit Chope (VPA)

Tim Dolan (US Coast Guard)

Barbara Nelson (VPA)

**Staff:**

Bob Crum (HRTPO)

**Project Coordinator:**

Mike Kimbrel (HRTPO)

Camelia Ravanbakht

Rob Case (HRTPO)

Keith Nichols (HRTPO)

Dale Stith (HRTPO)



## Agenda

### Regional Connectors Study

### Working Group Workshop

April 17, 2019

10:00 AM

The Regional Building, Boardroom A, 723 Woodlake Drive, Chesapeake, Virginia

1. Call to Order
2. Welcome and Introductions
3. Public Comment Period (Limit 3 minutes per individual)
4. Minutes  
Summary Minutes from March 28, 2019 Working Group Meeting – Attachment 4
  - Recommended Action: For Approval
5. Regional Connectors Study: Continue Discussions on Goals, Objectives, and Measures of Success  
Draft Summary Report of Initial Discussions on Vision, Goals and Objectives from March 28, 2019, Working Group Meeting - Attachment 5
  - Recommended Action: For Review and Discussion
6. Schedule and Next Meetings:
  - **Steering (Policy) Committee – April 30, 2019 – 9:00 a.m. – 10:30 a.m.**  
2nd Floor Multi- Purpose Room, Chesapeake Public Safety Operations.
  - **Craney Island Site Visit – May 3, 2019 – 9:00 a.m. – 1:00 p.m.**
  - **Working Group Scenario Planning Workshop – May 2019** (date TBD)
  - **HRTPC Board Meeting - May 16, 2019**  
Anticipate Phase 2 Supplement approval by the Board
7. Adjournment

**Regional Connectors Study  
Working Group Meeting  
Minutes  
March 28, 2019, 10:00am  
Regional Building, Chesapeake**

The following were in attendance (alphabetically by last name):

Keith Cannady (HRPDC)  
Rob Case (HRTPO)  
Craig Eddy (Michael Baker Intl.)  
Brian Fowler (NO)  
Vlad Gavrilovic (EPR, Baker team)  
Robin Grier (VDOT)  
Carl Jackson (PO)  
George Janek (USACE)  
Mike Kimbrel (HRTPO)  
Michael King (Navy)  
Barbara Nelson (Port of Va.)  
Keith Nichols (HRTPO)  
Bridjette Parker (NN)  
Camelia Ravanbakht (RCS Project Coordinator)  
Tara Reel (VB)  
Dustin Reinhart (Port of Va.)  
Angela Rico (HA)  
Earl Sorey (CH)  
Jason Souders (Suffolk)  
Bryan Stilley (NN)  
Dale Stith (HRTPO)

## **Call to Order, Welcome and Introductions**

Brian Stilley (Newport News) called the meeting to order at 10:03am.

## **Public Comment Period**

There were no public comments.

## **Minutes**

The minutes of the Mar. 14, 2019 working group meeting were approved.

## **Craney Island Tour**

Camelia Ravanbakht (RCS Project Coordinator) has coordinated with the Corps and the Navy. Mike Kimbrel (HRTPO) reported that the doodle poll revealed the best date for the tour is Friday May 3, 9am to 1pm.

## **Phase 2 Scope of Work Supplement**

Craig Eddy (Michael Baker Intl.) led a discussion of the proposed changes to the approved scope (attachment 6). Brian Fowler (Norfolk) distributed a document showing his proposed changes to tasks 4.3, 4.5, 4.6, and 4.7, primarily adding "Transportation/Land-Use" or "Land-Use" (as appropriate) prior to, and as modifiers of, the word "Scenario" in the titles of these sections, "Transportation" referring to the network (i.e. projects) and "Land-Use" referring to the socio-economics. Craig suggested that the land use alternatives be called "scenarios", that the candidate projects be called "infrastructure alternatives", and that the combinations of these two be called "options". Brian Fowler moved that the work supplement be approved with his proposed changes; the motion failed. Mr. Fowler then moved that the work supplement be approved as attached; the motion passed.

## **Vision, Goals, and Objectives**

Vlad Gavrilovic (EPR, Baker team) presented slides titled "scoping", including a discussion of vision, goals, and objectives. He proposed a scenario planning webinar for April 11, and a goals, objectives, and measures of success workshop for April 17. The group decided to meet May 9 for a scenario workshop.

Mr. Gavrilovic asked for input on goals, and listed on a large white pad: economy, resilience, connectivity, adaptability, safety, environment, reliability, quality of life (livability), congestion relief [due to HRTAC funding], and accessibility. Then he asked for ways to achieve these goals, distributing sticky notes on which attendees wrote and placed under each goal.

## **Schedule and Next Meetings**

The next working group workshops, tour, and webinar are listed in items above.

## **Adjournment**

The meeting was adjourned at 11:30am.

Attachment 4

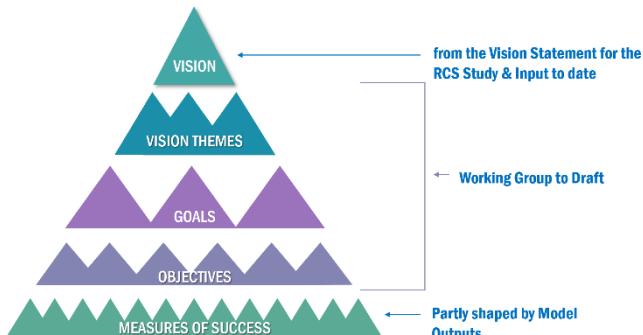
# Draft Goals and Objectives

## Background

The following discussion of Draft goals and objectives for the HRTPO Regional Connectors Study is based on input from the March 28<sup>th</sup>, 2019 Working Group meeting. It incorporates results from the earlier regional survey conducted in Phase 1 as well as discussion and feedback from the Working Group meeting.

The March 28<sup>th</sup> Working Group meeting resulted in a basic affirmation of the project Vision as stated in the “Guidance for Scope of Work” of the Regional Connector Study Request for Proposal. It also resulted in a series of Vision Themes derived from the Vision statement that formed the basis for initial Goals for the study. Below are the results of the Working Group discussions along with a first draft of developing a Draft Goals and Objectives Framework for review by the Working Group. These Draft Goals and Objectives are intended to feed into the modeling efforts for the Regional Connectors Study, which will then help to shape Measures of Success.

This document will be sent to the Working Group for their review and comment prior to their next work session on April 17<sup>th</sup>, 2019.



## PART 1 – INPUT FROM WORKING GROUP MEETING

### Vision Statement

Below is the Vision Statement as defined in the RCS Study RFP:

*“This study should establish a regional long-term vision that investigates 21<sup>st</sup> century transportation options that connect the Peninsula and the Southside across the Hampton Roads Harbor that enhance economic vitality and improve the quality of life in the region.”*

(from the “Guidance for Scope of Work” of the Regional Connector Study RFP)

### Vision Themes

The March 28<sup>th</sup> discussion included a list of seven vision themes, to help guide development of goal statements. These vision themes included:

1. Economic Vitality
2. Out-Region Connectivity
3. In-Region Connectivity
4. Safety
5. Multimodal Accessibility
6. Congestion Relief
7. Quality of Life

## Draft Goals

In the March 28<sup>th</sup> discussion, based on Working Group discussions, the Vision Themes were further refined into a series of 10 goal categories that could start to suggest potential goals for the study:

1. Economic Vitality
2. Connectivity
3. Adaptability
4. Resilience
5. Environment
6. Safety
7. Congestion Relief
8. Accessibility
9. Reliability
10. Quality of Life

## Draft Objectives

Also, in the March 28<sup>th</sup> meeting, the Working Group members were asked to brainstorm initial draft Objectives under each one of the Goal categories that were developed. These were not intended to be final objectives, given the short time in the meeting for brainstorming but were intended to get the discussion started for further refinement in this document, for written feedback after review of this document and for affirmation in the April 17<sup>th</sup> meeting.

Their ideas were recorded on sticky notes and the results of their input are summarized below, verbatim as they were written:

### Economic Vitality

- Sustain and develop industry and technology sectors
- Maintain port competitiveness
- Sustain existing economic strengths and support upcoming/future economic opportunities
- Capitalize on freight to create local and regional development and redevelopment opportunities

### Connectivity

- Improve access and frequency of transit throughout the region
- Regional multimodal connectivity (including transit)

### Adaptability

- Ability to change to new technology
- Adaptability to emerging technology implementation
- More smart road/technology research and implementation (locally)
- Encourage progressive adaptability – 5H – drones – air space

### Resilience

- Maximize resources – military, waterways, ocean and diversity

- Provide alternative routes to aid congestion and or unplanned instances, i.e., wrecks, infrastructure failure (use of technology as a factor?)

**Environment**

- Environmentally and economically responsible water quality requirements (tourism and seafood industries)
- Optimize modes to benefit air and water quality

**Safety**

- Roads high enough for hurricane evacuation flooding
- Military readiness in times of massive activation

**Congestion Relief**

- Provide alternatives to existing Hampton Roads harbor crossing
- Connectivity + travel time reliability

**Accessibility**

- Access to oceanfront and affordable housing
- Regional accessibility – limit recurring congestion, limit non-recurring congestion (reliability) and connectivity in network
- Transit dependent population - mobility

**Reliability**

- Limit travel delay
- Resilient system
- Reliability – more VDOT emergency response → area expansion (major local roads?)

**Quality of Life**

- Network context – facility context is appropriate for regional types
- Natural resources or resources – maximize
- Appropriate freight network – truck movements are effectively served on appropriate facilities (shouldn't degrade livability/safety)

## PART 2 – DRAFT GOALS & OBJECTIVES FRAMEWORK FOR REVIEW

In this part of the document, the consultant team has – with the Working Group’s direction – attempted to put the input received from the March 28<sup>th</sup> meeting into a draft Goals & Objectives Framework for review and comment by the Working Group. We have taken the initial objectives brainstormed by the Working Group in the meeting and added to them using input and information from stakeholder interviews, the public survey and our understanding of the purpose of the Regional Connector Study as a whole. We have also fleshed out the Goal categories into more complete Goal statements in sentence form for consideration.

The following draft Goals & Objectives Framework is specifically associated with the Regional Connectors Study. These goals and objectives should support the study vision statement, while also guiding work on the study. The purpose of this draft framework is not to limit the Working Group but simply to stimulate its work and discussion prior to and in their next meeting by providing additional “food for thought.” Space is provided in the right hand column for their comments.

<p><b>A. Economic Vitality</b></p> <p>Support a diverse and resilient regional economy that sustains existing industry and builds on new economic opportunity.</p> <p><i>Economic Objectives:</i></p> <ol style="list-style-type: none"><li>1. Sustain existing industry and technology sectors.</li><li>2. Develop new industry and technology sectors.</li><li>3. Invest in the Port of Virginia as an economic anchor for the region.</li><li>4. Capitalize on the region’s freight networks to create inter- and intra-regional economic opportunities.</li></ol>	
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<p><b>B. Connectivity</b></p> <p>Invest in transportation facilities that will increase transportation connectivity throughout the Hampton Roads region, connecting intra- and inter-regional markets.</p> <p><i>Connectivity Objectives:</i></p> <ol style="list-style-type: none"> <li>1. Maintain and improve transportation connectivity with outside markets.</li> <li>2. Maintain and improve intra-regional transportation connectivity, especially between the peninsula and southside.</li> <li>3. Improve transit frequency and coverage throughout the region.</li> <li>4. Increase multi-modal connectivity within region.</li> </ol>	
<p><b>C. Adaptability</b></p> <p>Plan for and invest in a transportation system that can easily adapt to any possible future scenarios.</p> <p><i>Adaptability Objectives:</i></p> <ol style="list-style-type: none"> <li>1. Research and anticipate emerging technologies and their effects on the regional transportation system.</li> <li>2. Implement smart transportation strategies that incorporates new technologies.</li> </ol>	
<p><b>D. Resilience</b></p> <p>Strengthen the region's ability to avoid, mitigate and recover from hazards, adversity and unexpected trends.</p> <p><i>Resilience Objectives:</i></p> <ol style="list-style-type: none"> <li>1. Support a more diverse economy and population, through transportation capital investments that bring access and connectivity.</li> <li>2. Develop transportation solutions that support the region's assets, such as the military, natural resources and diverse communities.</li> <li>3. Establish alternative transportation routes, to aid congestion and or unplanned events, such as traffic accidents, infrastructure failure, natural hazards, etc.</li> </ol>	

<p><b>E. Environment</b></p> <p>Support and implement policies to protect natural resources and air and water quality in the Hampton Roads region.</p> <p><i>Environmental Objectives</i></p> <ol style="list-style-type: none"> <li>1. Quantify the environmental impacts of new growth and development on the region's natural resources.</li> <li>2. Invest in environmentally sustainable modes of transportation, to contribute to higher air and water quality for the region.</li> <li>3. Invest in transportation technologies for public systems that protect local natural resources.</li> </ol>	
<p><b>F. Safety</b></p> <p>Invest in a transportation system that helps to ensure the safe movement of people, goods and services throughout the Hampton Roads region.</p> <p><i>Safety Objectives:</i></p> <ol style="list-style-type: none"> <li>1. Invest in transportation facilities that will decrease the occurrence of traffic accidents, especially along critical connectors.</li> <li>2. Invest in a resilient transportation system that allows for safe evacuation during hurricane and other major flood events.</li> <li>3. Design a transportation system to ensure military readiness in times of massive activation.</li> </ol>	
<p><b>G. Congestion Relief</b></p> <p>Invest in a transportation system that helps support reliable travel and minimizes travel under congested conditions throughout the Hampton Roads region.</p> <p><i>Congestion Relief Objectives:</i></p> <ol style="list-style-type: none"> <li>1. Provide alternative transportation options to the existing Hampton Roads harbor crossings.</li> <li>2. Invest in transportation improvements that more efficiently maximize the existing roadway capacities.</li> <li>3. Establish policies and regulations for land use patterns that minimize the need for auto-dependent trips, reducing volumes on critical connectors.</li> </ol>	

<p><b>H. Accessibility</b></p> <p>Develop a transportation system that maximizes access to travel options and desired designations.</p> <p><i>Accessibility Objectives:</i></p> <ol style="list-style-type: none"><li>1. Improve access to the oceanfront for the region's residents and visitors.</li><li>2. Improve the housing diversity and affordability in the Region.</li><li>3. Invest in transportation improvements equitably, in affluent and nonaffluent neighborhoods, while mitigating negative effects of new infrastructure.</li><li>4. Provide multi-modal solutions to transportation needs throughout the region.</li><li>5. Improve access between the region's residents and businesses for economic opportunity, especially in areas where water features create boundaries.</li></ol>	
<p><b>I. Reliability</b></p> <p>Design a reliable and predictable transportation network that serves the entire Hampton Roads region.</p> <p><i>Reliability Objectives:</i></p> <ol style="list-style-type: none"><li>1. Invest in transportation improvements that will limit travel delay times.</li><li>2. Support land use patterns that place less demand of the existing transportation network.</li><li>3. Develop a transportation network that is resilient and can quickly adapt to changing conditions.</li><li>4. Expand the coverage area and reliability of emergency response service, with a balanced emphasis on safety and restoration of roadway capacity.</li></ol>	

<p><b>J. Quality of Life</b></p> <p>Develop a transportation system and land use policies that maximizes safety, efficiency, community integrity and individuals.</p> <p><i>Quality of Life Objectives:</i></p> <ol style="list-style-type: none"><li>1. Ensure that new transportation investments are appropriate to the surrounding community and the region.</li><li>2. Protect the region's natural resources.</li><li>3. Provide greater access to natural resources, rural and urban areas.</li><li>4. Ensure that freight operations help to support, not degrade, the region's communities.</li></ol>	
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