

February 18, 2011

**Memorandum #2011-31**

**TO: LRTP Subcommittee**

**BY: Camelia Ravanbakht, Deputy Executive Director**

**RE: LRTP Subcommittee, February 24, 2011**

Attached is the agenda for the Long-Range Transportation Plan (LRTP) Subcommittee meeting scheduled for Thursday, February 24, 2011 at 10:00 a.m. in the Regional Building, Boardroom B, Chesapeake, VA.

BP/fh

Kevin Abt, VPA  
W. Keith Cannady, HA  
Amanda Christon, NO  
Timothy C. Cross, YK  
Richard Drumwright, WATA  
Anne Ducey-Ortiz, GL  
Sherry Earley, SU  
Darrel Feasel, DRPT  
Tony Gibson, VDOT  
Richard A. Hartman, P.E., PO  
Steven W. Hicks, JC  
Jane Hill, IW  
Michael S. King, NN  
Reed T. Nester, WM

Jeffrey K. Raliski, NO  
Ellen Roberts, PQ  
Ivan P. Rucker, FHWA  
Mark Schnauffer, VB  
Mark Shea, CH  
C. Earl Sorey, Jr., CH  
Eric Stringfield, VDOT  
Wendy Vachet, NAVY  
Luke Vinciguerra, JC  
Chris Voigt, VDOT  
Karen Waterman, HRT  
Jayne B. Whitney, HRT  
Edwin P. Wrightson, IW  
Mark Yehlen, PO

Copy: Camelia Ravanbakht  
Dale Stith  
Benito Pérez

**AGENDA**  
**HRTPO LRTP SUBCOMMITTEE MEETING**  
**FEBRUARY 24, 2011**

**CALL TO ORDER**

The Regional Building, 723 Woodlake Drive, Chesapeake, Virginia

**CALL TO ORDER**

**PUBLIC COMMENT PERIOD** (Limit: 3 minutes per individual)

**APPROVAL OF MINUTES**

**AGENDA**

1. Regional Land Use Map Development
2. Transportation Project Prioritization and 2034 LRTP Development
3. Next Meeting

**ADJOURNMENT**

## **ITEM #1: REGIONAL LAND USE MAP DEVELOPMENT**

The HRTPO staff briefed the Long Range Transportation Plan (LRTP) Subcommittee on January 19, 2011 on the latest status on the Regional Land Use Map Development Project. Additionally, the HRTPO staff briefed the Transportation Technical Advisory Committee (TTAC) and HRPDC's Joint Environmental Committee in early February 2011 pertaining to the status and next steps of the project. Comments were solicited from the briefed committees and the public regarding the draft regional land use classification system, as well as next steps of the project.

Mr. Benito Pérez, Transportation Engineer, will provide a brief and request a recommendation of approval of the LRTP Subcommittee on the latest draft regional land use classification system and next steps in the development of the regional land use map. The draft regional land use classification system and next steps will then be presented to TTAC and the HRTPO Board for approval in March 2011.

Attachment 1: Draft Regional Land Use Classification System

## **ITEM #2: TRANSPORTATION PROJECT PRIORITIZATION AND 2034 LRTP DEVELOPMENT**

The HRTPO Board approved the *Prioritization of Transportation Projects: Project Evaluation and Scoring* report at its December 15, 2010 meeting. The report evaluated and scored proposed regional transportation projects under consideration for the 2034 LRTP. Proceeding in the development of the 2034 LRTP, the HRTPO Board plans to have regional transportation priorities approved at its March 2011 meeting.

The LRTP Subcommittee last met on February 1, 2011, where a draft list of regional transportation projects was recommended to TTAC to advance to the HRTPO Board. The TTAC approved the recommended list for the HRTPO Board's consideration in their Retreat deliberations.

Ms. Camelia Ravanbakht, Deputy Executive Director, will provide a recap of the discussion from the HRTPO Board Retreat, held on February 17, 2011, as well as next steps. The goal of the February 24, 2011 meeting is to refine the recommendation of transportation project priorities, per Retreat discussion to provide to the TTAC for their meeting on March 2, 2011.

Additionally, the HRTPO staff has requested VDOT to confirm revenues, project cost estimates, and project status of the HRTPO staff recommended list. VDOT will make available the requested information for discussion.

Attachment 2A: Draft Committed Project Information Sheet

Attachment 2B: Draft Staff Recommendation Project Information Sheet

**ITEM #3: NEXT MEETING**

The next regularly-scheduled meeting of the LRTP Subcommittee is April 6, 2011, immediately following the TTAC meeting. However, it is expected that additional meetings may be needed prior to April. The HRTPO staff will contact the LRTP Subcommittee as needed to schedule additional meetings.



**Summary Minutes**  
**HRTPO Long-Range Transportation Plan Subcommittee**  
**Meeting of February 1, 2011**

Mr. Richard Drumwright called the 2034 Long-Range Transportation Plan (LRTP) Subcommittee to order at 10:03 a.m. in the Regional Building Board, Conference Room D, with the following in attendance:

**Members Present:**

Richard Drumwright, Chair (WATA)	Tony Gibson (VDOT)
Kevin Abt (VPA)	Jane Hill (IW)
Keith Cannady (HM)	Phil Pullen (VB)
Timothy C. Cross (YK)	Jeff Raliski (NO)
Anne Ducey-Ortiz (GL)	Mark Schnauffer (VB)
Sherry Earley (SU)	Thomas Slaughter (NN)
Robert Gey (VB)	Earl Sorey (CH)
	Karen Waterman (HRT)

**Members Absent:**

Richard Hartman (PO)	Ivan Rucker (FHWA)
Steven Hicks (JC)	Eric Stringfield (VDOT)
Reed T. Nester (WM)	Joseph Swartz (DRPT)
Ellen Roberts (PQ)	Wendy Vachet (USN)

**Others Attending:**

Ray Hunt (VDOT)	Richard Rudnicki (IW)
	Beverly Walker (IW)

**HRTPO Staff:**

Samuel Belfield	Andy Pickard
Rob Case	Camelia Ravanbakht
Dwight Farmer	Dale Stith
Benito Pérez	

**Public Comment Period**

Mr. Richard Drumwright asked if there were any public comments. No public comments were received.

**Approval of Agenda & Minutes**

Mr. Richard Drumwright asked for the approval of the meeting agenda and minutes of the last subcommittee meeting. Mr. Timothy Cross **Motioned** to approve the agenda and minutes. Mr. Robert Gey **Seconded** the motion. Motion carried.

## 1. Prioritization of Transportation Projects and 2034 LRTP Development

*The HRTPO Board approved the Prioritization of Transportation Projects: Project Evaluation and Scoring report at its December 15, 2010 meeting. The report evaluated and scored proposed regional transportation projects under consideration for the 2034 LRTP. Proceeding in the development of the 2034 LRTP, the HRTPO Board would like to have regional transportation priorities developed by its March 2011 meeting.*

*The LRTP Subcommittee last met on January 19 and scheduled an additional meeting for February 1. Mr. Andy Pickard, Principal Transportation Engineer, will present a matrix of the projects with the top total prioritization scores and the forecasted funding streams available for these projects. The goal of the February 1 meeting is to develop recommended transportation project priorities to provide to the TTAC for their meeting on February 2.*

Mr. Andy Pickard started off the meeting with an overview of where the 2034 LRTP development stands, according to the HRTPO staff. Mr. Andy Pickard noted how urban and secondary funds are funds to be allocated by the localities, and as such, defer to locality input on how such funds will be used. In response to questions as to this request, Dr. Camelia Ravanbakht noted that the prioritization of projects was done as a tool for localities to guide in the decision-making process of allocating urban and secondary funds, yet the use of those funds still remains a local decision. Dr. Camelia Ravanbakht further went on to note the importance of the project utility score in prioritization, as it reminds decision makers of why the project was proposed, and if it achieves a level of utility to receive funding.

Mr. Andy Pickard continued the presentation, providing an overview of funding allocations by funding stream, slated for the region through 2034. Mr. Phil Pullen inquired as to where CMAQ and HSIP funds are reflected in the funding allocations for the region. Mr. Andy Pickard noted that these funding streams were intentionally omitted for they address smaller scale or operations and maintenance projects.

Discussion by the Subcommittee continued, inquiring as to the need for a prioritized project list. Dr. Camelia Ravanbakht provided a summary of the meeting the HRTPO staff had with other larger MPOs and VDOT on January 21, 2011. In this meeting, VDOT is requesting regional priorities for CTB consideration in the next SYIP. VDOT noted to the MPOs present that with or without the priority lists, the CTB will be the final authority to allocate funds for the regions.

Mr. Andy Pickard continued his presentation, providing the HRTPO staff recommended project list. Within the list presented, Mr. Andy Pickard denoted how the project list would demonstrate fiscal constraint. The list recommended for construction includes:

- Midtown Tunnel / MLK Freeway Extension / Downtown Tunnel
  - \$500 Million RSTP

- \$794 Million Toll
- Interstate 64 (Jefferson Ave (Exit 255) to Fort Eustis Blvd (Exit 250))
  - \$222 Million Interstate NHS
- Dominion Boulevard (From Cedar Road to Great Bridge Blvd)
  - \$89 Million RSTP
  - \$40 Million Primary NHS
  - \$297 Million Toll
- George Washington Highway (Route 17; from Hampton Hwy to Dare Rd)
  - \$33 Million Primary NHS

Additionally, the following projects were recommended to be in the plan as PE/Studies:

- Hampton Roads Bridge Tunnel
- Patriots Crossing
- Virginia Beach Transit Extension Study
- High-Speed and Intercity Passenger Rail
- US 460 PPTA
- Interstate 64 Corridor Study (Richmond to Hampton Roads)

Discussion continued as to why the recommended list allocates the majority of certain funding streams and other projects were not considered for such funding streams (i.e. Lesner Bridge). Additionally, Mr. Kevin Abt noted that Craney Island Connector has \$200 million committed by the Virginia Port Authority (VPA), for the construction of a two lane road and rail connector to the future Craney Island marine terminal. The project would serve as a piece of the future Patriots Crossing / Third Crossing. The advancement of this project would be dependent on additional funding beyond the VPA, to include the rail component in the project.

Dr. Camelia Ravanbakht noted that the request by the HRTPO staff to the Subcommittee is to provide the TTAC, and eventually the HRTPO Board, a prioritized list. This list, which would include locality projects for their allocation of urban and secondary funds, would serve as guidance to the Board on developing a project list for the 2034 LRTP, within the caveat of fiscal constraint. Additionally, it is the request of the HRTPO Executive Director for the HRTPO staff to present a list to the HRTPO Board at the February Board Retreat.

The Subcommittee continued deliberations, with the recommendation of drafting a list of projects for additional consideration if additional funding is available for the HRTPO Board to consider, or if a project off the HRTPO staff recommended list is not advanced by the HRTPO Board. Mr. Andy Pickard noted that the HRTPO staff does not want the HRTPO Board to get caught up on dollar figures for the projects. Mr. Andy Pickard noted that the HRTPO Board should define the priorities, and let the HRTPO staff, with locality technical staff input, worry about the fiscal component of the 2034 LRTP.

The additional projects for consideration by the HRTPO Board include:

- Lesner Bridge
- Interstate 64/Interstate 264 Interchange Phasing
- Craney Island Access Road and Rail Connector
- Interstate 64 Southside Widening Phasing
- Interstate 64 Peninsula Widening (Fort Eustis Blvd (Exit 250) to Route 199 (Exit 242))
- Route 58 (Suffolk Bypass to Manning Bridge Rd)
- Military Highway (Lowery Rd to Robin Hood Rd)
- George Washington Highway (Route 17; From Dare Rd to Denbigh Blvd)

Dr. Camelia Ravanbakht continued the meeting, with discussion regarding the latest Governor's Transportation Funding Proposal. Within the latest proposal, funding would be allocated from the Governor's plan to select projects, which frees up regional transportation funds to advance additional projects. Per the Subcommittee's discussion the additional projects for consideration could be those additional projects to receive funds from reallocation as a result of the Governor's Transportation Funding Proposal. Mr. Thomas Slaughter also recommended using the list of prioritized projects, and use a CTB formula of 40% Primary, 30% Urban, and 30% Secondary to reallocate RSTP funds.

Mr. Dwight Farmer provided additional insight regarding the Governor's Transportation Funding Proposal, and how it will shape deliberations by the HRTPO Board regarding prioritizing a project list for a fiscally constrained 2034 LRTP. Additionally, Mr. Dwight Farmer provided a preview of the February Board Retreat, and the timeline and implications from those Retreat discussions going forward to plan completion.

## **2. Next Meeting**

*The next regularly-scheduled meeting of the LRTP Subcommittee is April 6, 2011, immediately following the Transportation Technical Advisory Committee (TTAC) meeting. However, it is expected that additional meetings may be needed prior to April. HRTPO staff will contact the LRTP Subcommittee as needed to schedule additional meetings.*

Mr. Andy Pickard noted that the regularly scheduled meeting would have been on April 6, 2011, after TTAC. Due to deliberations set for the March TTAC slated for a final TTAC recommendation to the HRTPO Board of a prioritization project list for the 2034 LRTP, a subcommittee meeting will need to be scheduled sooner for subcommittee deliberations. The subcommittee scheduled their next meeting on February 24, 2011, at 10:00 a.m. in the Regional Boardroom. the HRTPO staff will send a reminder in advance of the meeting.

**Meeting Adjourned at 12:15 PM**

## Draft Regional Land Use Classification System

Activity	Classification	CODE	Description
Residential	Rural Residential	RR	Encompasses residential uses with <1 dwelling units per acre (SFR >40,000 Sq. Ft lots)
	Low Density Residential	RLD	Encompasses residential uses with 1-4 dwelling units per acre (12,000 - 40,000 Sq. Ft lots)
	Medium Density Residential	RMD	Encompasses residential uses with 4 - 12 dwelling units per acre (SFR <12,000 Sq. Ft lots)
	High Density Residential	RU	Encompasses residential uses with >12 dwelling units per acre
Commercial	Neighborhood Commercial	CN	Encompasses limited scale shopping, business, or trade activity
	Local Commercial	CL	Encompasses inter-neighborhood shopping, business, or trade activity
	Regional Commercial	CR	Encompasses regional shopping, business, or trade activity
Industrial	Light Industrial	IL	Encompasses light industrial uses (Research & Development, warehousing, service, etc)
	Heavy Industrial	IH	Encompasses heavy industrial uses with possible adverse environmental impacts (manufacturing, etc)
	Port / Aviation Industrial	IPA	Encompasses Port, General and Commercial Aviation related industrial operations
Mixed Use	Mixed Use Commercial/Residential	MCR	Encompasses limited scale mixed use activity
	Mixed Use Commercial/Industrial	MCI	Encompasses inter-neighborhood/regional mixed use activity
	Military	MM	Encompasses military related operations
Public/Semi-Public	Utilities	PU	Encompasses utility operations
	Institutional	PI	Government/Educational/Religious/Social or healthcare facilities
	Transportation Network	PT	Encompasses transportation facilities
Agriculture	Small Scale Agricultural	AS	Encompasses limited or small scale agricultural operations
	Large Scale Agricultural	AL	Encompasses large agricultural operations
Parks, Openspace, & Greenways	Parks and Recreation	NP	Encompasses open space and recreational uses
	Resource Conservation	NC	Encompasses conservation lands
	Historic /Cultural	NH	Encompasses Historic Preservation / Cultural uses

Overlay of strategic growth areas to be included in map.

**Table 1: Committed Projects in 2034 LRTP**

Project	Locality	Committed Cost to Complete	Project Status	UPC	Funding Stream
Gilmerton Bridge*	Chesapeake	Fully Funded	Under Construction	<a href="#">1904</a>	\$11.6 M Gov Trans Plan
Portsmouth Blvd (Joliff Rd to Chesapeake CL)	Chesapeake	Fully Funded	ROW underway	<a href="#">18591</a>	N/A
Commander Shepard Blvd (Phase I & II) (Big Bethel Rd to Magruder Blvd)	Hampton	Fully Funded	Phase I - Complete Phase 2 - Under Construction	<a href="#">66846</a> <a href="#">60970</a>	N/A
Saunders Rd (Big Bethel Rd to Newport News CL)	Hampton	Fully Funded	PE underway	<a href="#">57047</a>	N/A
Conventional Passenger Rail Service (Richmond to Norfolk)	Multi	Fully Funded	PE underway		N/A
Fort Eustis Blvd (Jefferson Ave to Rte 17)	Newport News/York County	Fully Funded	Under Construction	<a href="#">13497</a> <a href="#">92992</a>	N/A
Fort Eustis Blvd Bridge Replacements over CSX Railroad	Newport News	Fully Funded	Under Construction	91687	\$1.2 M Gen. Obligation Bond \$1.0 M State Revenue Share Fund Grant
Huntington Avenue Bridge Replacement over Northrup Grumman Railroad Spur	Newport News	Fully Funded	Scheduled for Construction	94832	\$0.6 M Gen. Obligation Bond \$0.6 M State Revenue Share Fund Grant
Turnpike Rd (Portsmouth Blvd to Constitution Ave)*	Portsmouth	Fully Funded	ROW underway	<a href="#">3950</a> <a href="#">65655</a>	\$0.2 M Gov Trans Plan
Birdneck Rd (General Booth Blvd to Southern Blvd)*	Virginia Beach	Fully Funded	Complete	<a href="#">11754</a>	\$0.8 M Gov Trans Plan
Constitution Drive (Columbus St to Bonney Rd)	Virginia Beach	Fully Funded	Complete	VB CIP	N/A
Princess Anne Rd and Nimmo Pkwy	Virginia Beach	Fully Funded	Under Construction	<a href="#">13482</a> <a href="#">93522</a>	N/A
I-264 at London Bridge*	Virginia Beach	Fully Funded	Under Construction	<a href="#">94544</a> <a href="#">80157</a>	\$1.2 M Gov Trans Plan
Witchduck Rd (Princess Anne Rd to I-264)	Virginia Beach	Fully Funded	Under Construction	<a href="#">93254</a> <a href="#">55200</a>	N/A
Bridge Street Bridge (Rudd Ln to Marrow St)*	Hampton	\$1.4 M	PE underway	<a href="#">93081</a>	\$1.1 M Fed. Bridge Replacement (Maintenance) \$0.3 M State Bond Match \$0.1 M Gov Trans Plan

Source: Virginia Department of Transportation, FY 2011-2016 Six-Year Improvement Program. Cost to Complete in YOE (Year-of-Expenditure) dollars.

\*- Included in Governor's Transportation Funding Proposal.

Attachment 2A: Draft Committed Project Information Sheet

Project	Locality	Committed Cost to Complete	Project Status	UPC	Funding Stream
I-64 over CSX Railroad	Newport News	\$30.3 M	PE Underway	<a href="#">93077</a>	\$27.0 M Federal Interstate \$3.0 M Interstate State Match
Middle Ground Blvd (Jefferson Ave to Warwick Blvd)*	Newport News	\$41.8 M	Scheduled for Construction	<a href="#">11816</a>	\$1.3 M Minimum Guarantee \$31.0 M Federal STP \$9.6 M State Bond Match \$1.6 M Gov Trans Plan
Hampton Blvd & RR Grade Separation*	Norfolk	\$20.1 M	Under Construction	<a href="#">14672</a>	\$16.1 M National Highway System (NHS) Fed \$4.0 M National Highway System (NHS) State \$0.8 M Gov Trans Plan
I-64/Norview Ave Interchange*	Norfolk	\$5.3 M	ROW underway	<a href="#">17824</a>	\$3.7 M Interstate Maintenance \$1.0 Federal Interstate NHS \$0.6 State Interstate NHS Match \$0.2 M Gov Trans Plan
I-564: Intermodal Connector*	Norfolk	\$98.5 M	ROW underway	<a href="#">18968</a>	\$78.8 M Federal Interstate \$19.7 M State Interstate Match \$6.9 M Gov Trans Plan
Military Highway (Lowery Rd to 0.2 mi S of Northampton Blvd)	Norfolk	\$11.9 M	ROW underway	<a href="#">9783</a>	\$9.3 M RSTP \$2.6 M RSTP Match
Military Highway (0.2 mi N of Northampton Blvd to Robin Hood Rd)*	Norfolk	\$6.0 M	ROW underway	<a href="#">84243</a>	\$4.7 M RSTP \$1.3 M RSTP Match \$0.2 M Gov Trans Plan
Wythe Creek Rd (Alphus St to Hampton CL)*	Poquoson	\$5.3 M	PE underway	<a href="#">13427</a>	\$9.4 M RSTP \$2.8 M RSTP Match \$28K Gov Trans Plan
Nansemond Pkwy (Route 337, Helen St to NS Railroad)	Suffolk	\$1.6 M	Scheduled for Construction	<a href="#">17568</a>	\$3.0 M Local Funds
Kempsville Rd/Princess Anne Rd Intersection	Virginia Beach	\$1.7 M	Scheduled for Construction	<a href="#">51866</a>	\$3.0 M Local Funds
Nimmo Pkwy (Holland Rd to General Booth Blvd)	Virginia Beach	\$28.3 M	ROW underway	<a href="#">52058</a>	\$28.9 M Local Funds
Wesleyan Dr (Northampton Blvd to Baker Rd) (NOR/VB segments)	Norfolk/Virginia Beach	\$1.5 M	ROW underway	<a href="#">52147</a> <a href="#">52148</a>	\$3.1 M RSTP

Source: Virginia Department of Transportation, FY 2011-2016 Six-Year Improvement Program. Cost to Complete in YOE (Year-of-Expenditure) dollars.

\*- Included in Governor's Transportation Funding Proposal.

**Table 2: Staff Recommended Projects for Construction in 2034 L RTP**

Project	Locality	Cost to Complete	Project Status	Project Utility	Economic Vitality	Project Viability	Total Score	UPC	Funding Stream
<b>Midtown Tunnel/MLK Freeway/Downtown Tunnel*</b>	Norfolk/Portsmouth	\$1.254 B	PPTA Pending	74	82	86	242	<a href="#">95149</a>	\$402 M Gov Trans Plan PPTA \$794 M Private/Tolls \$42 M National Highway System Federal \$10.5 M National Highway System State \$21.4 M Minimum Guarantee \$5.4 M State Bond Match
<b>Dominion Blvd*</b>	Chesapeake	\$436 M	PPTA Pending / ROW Underway	95	45	81	221	<a href="#">56187</a>	\$297 M Private/Tolls \$153.1 M Gov Trans Plan
<b>Route 17 (George Washington Hwy) (Hampton Hwy to Dare Rd)*</b>	York County	\$33 M	ROW Underway	82	40	80	202	<a href="#">60843</a>	\$8.5 M RSTP \$2.1 M RSTP Match \$19.5 M Gov Trans Plan
<b>Lynnhaven Pkwy (Centerville Tnpk to Indian River Rd)*</b>	Virginia Beach	\$20.4 M	ROW Underway	62	30	99	191	<a href="#">14603</a>	\$2.3 M RSTP \$0.6 M RSTP Match \$17.5 M Gov Trans Plan
<b>Patriots Crossing: Craney Island Connector</b>	Portsmouth	\$460 M	PE Underway	75	60	54	189	N/A	\$200 M VPA Contribution Traditional Revenues
<b>Route 58 (Suffolk Bypass to Manning Bridge Rd)</b>	Suffolk	\$75 M	PE Underway	75	34	71	180	<a href="#">Suffolk CIP</a>	Traditional Revenues
<b>I-64 between Jefferson Ave (exit 255) and Ft Eustis Blvd (exit 250)</b>	Newport News	\$260 M	I-64 Corridor Study Underway	85	75	18	178	<a href="#">89231</a> <a href="#">57313</a>	\$4.0 M Interstate & Match Traditional Revenues \$14K Gov Trans Plan
<b>Lesner Bridge*</b>	Virginia Beach	\$89 M	PE Underway	66	52	55	173	<a href="#">T9409</a>	\$78.8 M Gov Trans Plan \$10.2 M Local Funds
<b>Military Hwy (0.2 mi N&amp;S of Northampton Blvd) &amp; Continuous Flow Intersection</b>	Norfolk	\$49.8 M	PE Complete	69	26	62	157	<a href="#">1765</a>	Traditional Revenues
<b>Route 17 (George Washington Hwy) (Dare Rd to Denbigh Blvd)</b>	York County	\$8 M	N/A	79	32	35	146	N/A	Traditional Revenues

Source: Virginia Department of Transportation, FY 2011-2016 Six-Year Improvement Program. Cost to Complete in YOE (Year-of-Expenditure) dollars.

\*- Included in Governor's Transportation Funding Proposal.

Attachment 2B: Draft Staff Recommendation Project Information Sheet

Project	Locality	Cost to Complete	Project Status	Project Utility	Economic Vitality	Project Viability	Total Score	UPC	Funding Stream
<b>Holland Rd (Dam Neck Rd to Nimmo Pkwy)*</b>	Virginia Beach	\$25.9 M	ROW Underway	58	22	61	141	<a href="#">15827</a>	\$25.9 M Gov Trans Plan
<b>Witchduck Rd (I-264 to Virginia Beach Blvd)*</b>	Virginia Beach	\$27.2 M	PE Underway	80	28	33	141	<a href="#">55202</a>	\$29.2 M Gov Trans Plan
<b>Laskin Rd (Republic Rd to Oriole Dr)*</b>	Virginia Beach	\$66.2 M	ROW Complete	38	17	59	114	<a href="#">12546</a>	\$66.5 M Gov Trans Plan
<b>Washington Ave Bridge Replacement*</b>	Newport News	\$1.0 M	ROW Underway	56	2	53	111	<a href="#">85955</a>	\$0.7 M Federal Bridge Replacement \$0.2 M State Bond Match \$0.1 M Gov Trans Plan
<b>Indian River Rd (Lynnhaven Pkwy to Elbow Rd)*</b>	Virginia Beach	\$53.4 M	ROW Underway	40	17	52	109	<a href="#">15829</a>	\$58.9 M Gov Trans Plan
<b>Laskin Rd (Oriole Dr to 30<sup>th</sup>/31<sup>st</sup> St)*</b>	Virginia Beach	\$23.1 M	PE Underway	46	17	37	100	<a href="#">14601</a>	\$19.6 M Gov Trans Plan \$3.5 M Local Funds
<b>Elbow Rd/Dam Neck Rd (Indian River Rd to Princess Anne Rd)*</b>	Virginia Beach	\$41.4 M	ROW Underway	41	22	35	98	<a href="#">15828</a>	\$41.4 M Gov Trans Plan

Source: Virginia Department of Transportation, FY 2011-2016 Six-Year Improvement Program. Cost to Complete in YOE (Year-of-Expenditure) dollars

Source: Virginia Department of Transportation, FY 2011-2016 Six-Year Improvement Program. Cost to Complete in YOE (Year-of-Expenditure) dollars.

\*- Included in Governor's Transportation Funding Proposal.

**Table 3: Project Studies for 2034 LRTP**

Project	Locality	Cost to Complete	Project Status	Project Utility	Economic Vitality	Project Viability	Total Score	UPC	Funding Stream
Hampton Roads Bridge-Tunnel	Hampton/Norfolk	\$1.6 M	EIS Scheduled	75	95	38	208	<a href="#">99037</a>	\$ 1.6 M NHS Federal
Route 460*	Multi	\$14 M (?)	PPTA in Progress	71	53	63	187		Gov Trans Plan (PPTA)
I-64 Peninsula Corridor Study*	Multi	\$3.6 M	I-64 Corridor Study Underway	85	75	18	178	<a href="#">89231</a>	\$3.2 M Interstate Federal \$0.8 M Interstate State Match \$14 k Gov Trans Plan
				73	38	8	119	<a href="#">92212</a>	
Patriots Crossing	Multi	\$0.5 M	EA Scheduled	66	90	65	221	<a href="#">TBD</a>	\$0.5 M Interstate Federal (?)
High-Speed and Intercity Passenger Rail	Multi	\$10 M	Phase 2 Scope in Development	N/A	N/A	N/A	N/A	<a href="#">T218</a>	Traditional Revenues
Virginia Beach Transit Extension	Virginia Beach	\$10 M	AA Underway	87	94	23	204		Traditional Revenues

**Table 4: Projects for Additional Consideration in 2034 LRTP**

Project	Locality	Cost to Complete	Project Status	Project Utility	Economic Vitality	Project Viability	Total Score	UPC	Funding Stream
I-64 / I-264 Interchange Phasing (Curlew Rd to Witchduck Rd + Intx)	Norfolk/Virginia Beach	\$251 M	PE Underway	74	64	41	179	<a href="#">17630</a> <a href="#">57048</a>	\$29K Gov Trans Plan \$7.6 M Interstate \$1.2 M Interstate State Match
I-64 (Fort Eustis Blvd to Route 199/Exit 242)	Newport News/James City County	\$519 M	I-64 Corridor Study Underway	85	75	18	178	<a href="#">57313</a>	N/A
I-64 Southside Phasing (High-Rise Bridge)	Chesapeake	\$1.1 B	N/A	75	85	0	160	<a href="#">N/A</a>	N/A
I-64 Interchange at Ft. Eustis Blvd	Newport News	\$134 M	N/A	85	49	15	149	<a href="#">N/A</a>	N/A

Source: Virginia Department of Transportation, FY 2011-2016 Six-Year Improvement Program. Cost to Complete in YOE (Year-of-Expenditure) dollars.

\*- Included in Governor's Transportation Funding Proposal.