

**B. HRTAC PROGRAM DEVELOPMENT MONTHLY EXECUTIVE REPORT**

VDOT provides monthly reports to Hampton Roads Transportation Accountability Commission (HRTAC) staff on the status of the Regional Priority Projects. The report for November 2017 is attached.

Attachment 22-B



**HRTAC Program Development  
Monthly Executive Report  
December 2017**

**I-64 Peninsula Widening- Segment I**

Project Scope:

From 0.50 miles east of Yorktown Road/Rte 238 (Exit 247) to 1.55 miles west of Jefferson Ave/Rte 143 (Exit 255) (6.5 miles)

- Additional 12' wide travel lanes and 12' wide shoulder lanes within the existing median space
- Repair and widening of 6 bridges and 2 major culverts
- Strengthened shoulder lane from Ft Eustis Blvd Interchange to Jefferson Avenue Interchange

Project Financial Summary:

<u>Project Budget (\$144,000,000):</u>	<u>Funds Expended (as of 12/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 4,135,000	\$ 2,676,126	\$ ( 724,824)
○ RW \$ 5,901,490	\$ 32,494	\$ (5,866,490)
○ CN \$ 133,963,510	<u>\$ 90,890,805</u>	<u>\$ (3,648,315)</u>
	\$ 93,599,425	\$ (10,239,629)

Project Schedule:

Notice To Proceed (NTP)	March 2015
Project Completion	Dec 2017
Schedule Status	Completed

Project Status:

- Completion achieved on 01 December 2017

**Project Site (Looking West from Denbigh Blvd.)**



**HRTAC Program Development  
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**I-64 Peninsula Widening- Segment II**

Project Scope:

From MM 241.30, 1.05 miles west of Hummelsine Parkway/Rte 199 (Exit 242) to where the Segment I project ends at MM 248.35, 0.50 miles east of Yorktown Road/Rte 238 (Exit 247) (7.1 miles)

- o Additional 12' wide travel lanes and 12' wide shoulder lanes within the existing median space
- o Repair and widening of 9 bridges and 6 major culverts
- o Reconstruction of existing roadway

Project Financial Summary:

<u>Project Budget (\$213,592,853):</u>	<u>Funds Expended (as of 12/07/17):</u>	<u>Projected Cost Over/(Under):</u>
o PE \$ 6,000,000	\$ 2,082,729	\$ 0
o RW \$ 2,413,318	\$ 417,102	\$ ( 901,770)
o CN \$ 205,179,535	<u>\$ 80,025,898</u>	<u>\$ (22,983,408)</u>
	\$ 82,525,729	\$ (23,885,178)

Project Schedule:

NTP	Feb 2016
Project Completion	May 2019
Schedule Status	On Schedule

Project Status:

- o Completed girder erection at Yorktown and Ramp Bridges
- o Continued substructure construction at Jefferson, Burma, and Penniman Bridges
- o Started Superstructure construction at Ramp Bridge
- o Continued placement of subbase, CCPRM, and surface asphalt courses
- o Continued installation of drainage pipe and structures throughout the median
- o Started Installation of new Overhead Sign Structure Foundations

**Segment II New Inside Lane/Shoulder CCPRM and SMA**



## HRTAC Program Development Monthly Executive Report December 2017

### I-64 Peninsula Widening- Segment III

#### Project Scope:

From approximately 1.0 mile West of Rte 199 (Exit 234) to where the Segment II project ends at 1.05 miles west of Hummelsine Parkway/Rte 199 (Exit 242) (8.2 miles)

- Additional 12' wide travel lanes and 12' wide shoulder lanes within the existing median space
- Replacement of the two Queen's Creek bridges, repair and widening of 4 bridges, 3 major culverts
- Reconstruction of existing mainline roadway

#### Project Financial Summary:

<u>Project Budget (\$311,303,819):</u>	<u>Funds Expended (As of 12/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,000,000	\$ 4,029,685	\$ 0
○ RW \$ 12,000,000	\$ 0	\$ 0
○ CN \$ 289,303,819	\$ 0	\$ 0
	\$ 4,029,685	

#### Project Schedule:

Request For Proposals (RFP)	June 2017
Projected Award	Dec 2017
Projected Notice to Proceed	Jan 2018
Schedule Status	On Schedule

#### Project Status:

- \$178,281,690 design-build contract awarded to Shirley Contracting Company LLC during the December CTB meeting
- Notice to Proceed anticipated in early January 2018



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**I-64/I-264- Phase I**

Project Scope:

From the I-64 Twin Bridges to the I-264/Newtown Road Interchange

- o Widening westbound I-64 by adding a second exit lane from Twin Bridges to the I-64/I-264 interchange
- o Introducing a new two lane Collector-Distributor (C-D) roadway from I-64 to the Newtown Road interchange
- o Constructing a new two-lane flyover ramp from westbound I-64 tying into the existing eastbound I-264 C-D road

Project Financial Summary:

<u>Project Budget (\$158,730,023):</u>	<u>Funds Expended (as of 12/07/17):</u>	<u>Projected Cost Over/(Under):</u>
o PE \$ 10,135,307	\$ 10,135,307	\$ 0
o RW \$ 11,571,063	\$ 12,407,903	\$ 836,840
o CN \$ 137,023,653	<u>\$ 39,734,047</u>	\$ 0
	\$ 62,277,257	

Project Schedule:

Notice To Proceed (NTP)	Oct 2016
Project Completion	Oct 2019
Schedule Status	On-Schedule

Project Status:

- o Filling and grading to widen I-64 WB in the vicinity of South Newtown Road and Coastal Virginia Church
- o Placing Densified Aggregate Piers (DAPS) and Load Transfer Platform for Wall Q at I-264 EB Exit 15A to Newtown Road
- o Installing remaining drilled shafts from Curlew Avenue to Kempsville Road
- o Constructing bridge columns and cap beams from Curlew Avenue to Kempsville Road

**Widening I-64 WB  
(Geotextile Erosion Protection)**

**DAPS Original Ramp 15A**

**Last of Drilled Shafts from Curlew and  
Kempsville**



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### I-64/I-264- Phase II

#### Project Scope:

From the I-264/Newtown Road Interchange to the I-264/Witchduck Road Interchange

- Extends the new C-D roadway from the Newtown Road interchange to the Witchduck Road interchange
- Reconfigure the Newtown Road and Witchduck Road interchange ramps south of I-264
- Constructing a new overpass that connects Greenwich Road south side of I-264 and Cleveland north of I-264

#### Project Financial Summary:

<u>Project Budget (\$194,503,887):</u>	<u>Funds Expended (as of 12/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 14,082,810	\$ 13,870,006	\$ 0
○ RW \$ 54,392,666	\$ 31,337,204	\$ 0
○ CN \$ 126,028,411	\$ <u>0</u>	\$ 0
	\$ 45,207,210	

#### Project Schedule:

Projected Award	Dec 2017
Projected NTP	Jan 2018
Projected Completion	Sept 2021
Schedule Status	On-Schedule

#### Project Status:

- \$105,399,865 contract awarded to The Lane Construction Corporation during the December CTB meeting
- RW acquisition completed, two outstanding tenant relocations
- Utility relocations underway, currently on schedule
  - Phase 1 - 93% completed, due 12/31/2017; Phase 2 - 60% completed, due 7/1/2018.



## HRTAC Program Development Monthly Executive Report December 2017

### I-64 Southside Widening and High Rise Bridge- Phase I

#### Project Scope:

From approximately the I-64/464 Interchange in Chesapeake and extending to the I-64/264/664 Interchange at Bowers Hill

- Widening from 4 to 6 lanes
- Constructing a new High Rise Bridge parallel to and to the South of the existing High Rise Bridge
- Addition of Strengthened Shoulder between the Route 17 and I-464 interchanges

#### Project Financial Summary:

<u>Project Budget (\$600,000,000):</u>	<u>Funds Expended (as of 10/05/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 20,000,000	\$ 10,573,449	\$ 0
○ RW \$ 42,000,000	\$ 1,709	\$ 0
○ CN \$ 538,000,000	<u>\$ 476,294</u>	\$ 0
	\$ 11,051,452	

#### Project Schedule:

Award	Oct 2017
Notice to Proceed	Nov 2017
Project Completion	July 2021
Schedule Status	On-Schedule

#### Project Status:

- Scheduling conference completed and preliminary schedule submitted by GPC
- Conducting coordination meetings with permitting agencies and reviewing preliminary design submittals by GPC
- Field investigation work is underway for borings, location survey, utility test holes, etc.



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**I-64 Hampton Roads Bridge-Tunnel Expansion**

**Refinement of Preferred Alternative**

Project Scope:

Preliminary work for the I-64 corridor from I-664 to I-564, including the following activities for refinement of the Preferred Alternative and initial activities to develop the most appropriate procurement approach for expansion of the HRBT:

- Land survey, including photogrammetry, right-of-way verification, planimetric mapping, digital terrain modeling, and initial utility designation
- Wetlands survey/delineation to obtain preliminary Jurisdictional Determination
- Cultural resources/archaeological survey (land and marine)
- Hazardous materials investigations (land and marine)
- Geotechnical investigations (land and marine)
- Environmental permitting and agency coordination, including for in-channel geotechnical sampling
- Evaluation of disposal options for sediment dredge material and excavated boring material
- Procurement preparation, including industry outreach (Request for Information process, industry forum, meetings with potential proposers) and assessment of procurement- and delivery-method alternatives

Project Financial Summary:

<u>Project Budget (\$25,000,000):</u>	<u>Funds Expended (as of 12/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$25,000,000	\$ 6,229,656	\$ 0
○ RW \$0	\$ 0	\$ 0
○ CN \$0	\$ 0	\$ 0
	\$ 6,229,656	

Project Schedule:

Request for Qualifications (RFQ)	December 2017
Request for Proposals (RFP)	Spring 2018
Project Award	Early 2019
Project Completion	2024
Schedule Status	On-Schedule

Project Status:

- Base scope established to include new 4-lane tunnel for total 8 of lanes capacity across water
- Field work for marine geotechnical investigation began in mid-November 2017
- Sampling of marine sediments for potential contaminants began in late November 2017
- Outreach to navigational-channel stakeholders conducted for Coast Guard bridge permit
- Public Sector Analysis and Finding of Public Interest recommended Design-Build as preferred procurement method





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**Route 460/58/13 Connector**

Project Scope:

Study from approximately the I-664/US 58 Interchange and extending to the US 58/Route 460 Interchange

- Improve existing roadway
- Improve accessibility to/from the SPSA Regional Landfill
- Improve accessibility to/from the Hampton Roads Executive Airport

Project Financial Summary:

<u>Project Budget (\$5,000,000):</u>	<u>Funds Expended (as of 10/05/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 5,000,000	\$ 201,902	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	<u>\$ 0</u>	\$ 0
	\$ 201,902	

Project Schedule:

Begin NEPA Process	Jun 2017
Projected Completion	2020

Project Status:

- Concurrence received on the Environmental Analysis Methodologies for conducting the study
- Purpose and Need Statement is currently under development. Schedule is targeting agency concurrence of the Purpose and Need Statement by end of January 2018
- Public outreach survey through January 10, 2018. Survey is to solicit input on study issues for consideration. The outcome of the survey will assist in guiding the Purpose and Need Statement.
- Alternative Concepts are in the early stages of development
- Anticipate Public Information Meeting late January – early February 2018



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### I-64/I-264- Phase III

#### Project Scope:

Study/design to improve the remaining I-64/I-264 movements

- Includes I-64 Eastbound (EB) movements to I-264
- Includes I-264 movements to I-64

#### Project Financial Summary:

<u>Project Budget (\$10,000,000):</u>	<u>Funds Expended (as of 12/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,000,000	\$ 8,290	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	<u>\$ 0</u>	\$ 0
	\$ 8,290	

#### Project Schedule:

Release of Request for Proposals Sept 2017  
Anticipated Consultant Contract Feb 2018

#### Project Status:

- A shortlist of three teams posted on December 1, 2017
- Technical presentations completed
- Final consultant selection end of year
- Consultant contract execution projected for February 2018



## HRTAC Program Development Monthly Executive Report December 2017

### Bowers Hill Interchange

#### Project Scope:

Develop environmental and feasibility studies for improvements to the I-64/I-264/I-664 Interchange and the Route 58/Route 460 Interchange

#### Project Financial Summary:

<u>Project Budget (\$4,000,000):</u>	<u>Funds Expended (as of 12/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$4,000,000	\$0	\$ 0
○ RW \$0	\$0 +	\$ 0
○ CN \$0	<u>\$0</u>	\$ 0
	\$0	

#### Project Schedule:

Begin NEPA Process	Oct 2017
Completion	Oct 2019

#### Project Status:

- Work scope for consultant support is currently being developed. Target completion for consultant task execution is end of December 2017.
- The study team met to review and refine the study scope before issuing a Notice to Proceed (NTP). NTP is expected prior to mid-January 2018.
- It was determined that an Interchange Modification Report (IMR) will be required as a component of this study and the IMR work will be undertaken by the consultant.
- Anticipate initializing public facing activities in February/March 2018.



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**Ft. Eustis Interchange**

Project Scope:

Replace the I-64 Ft Eustis Interchange to mitigate congestion and improve safety.

Project Financial Summary: TBD

Project Schedule: TBD

Project Status: TBD

**I-64 Southside Widening and High Rise Bridge- Phase II**

Project Scope:

From approximately the I-64/464 Interchange in Chesapeake extending to the I-64/264/664 Interchange at Bowers Hill

- Widening from 6 to 8 lanes
- Replacing the existing High Rise Bridge
- Rebuilding the four Interchanges

Project Financial Summary: TBD

Project Schedule: TBD

Project Status: TBD