

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 September 2017 is attached.

Attachment 25-B



**HRTAC Program Development
Monthly Executive Report
September 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 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 4,135,000	\$ 2,643,796	\$ (724,824)
○ RW \$ 5,901,490	\$ 32,494	\$ (5,866,490)
○ CN \$ 133,963,510	<u>\$ 77,430,679</u>	<u>\$ (3,648,315)</u>
	\$ 80,106,969	\$ (10,239,629)

Project Schedule:

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

Project Status:

- Panel installation is mostly complete for Noise Wall 47/48, and foundation construction continues for Noise Wall 46.
- Reconstruction of the Industrial Park Drive Bridges is in progress. Concrete has been placed for the eastbound bridge deck, and preparatory work for the westbound bridge deck is underway.
- Repairs to existing concrete pavement continue, and work has started on asphalt surface overlays.



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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)

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

Project Financial Summary:

<u>Project Budget (\$213,592,853):</u>	<u>Funds Expended (as of 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 6,000,000	\$ 1,895,946	\$ 0
○ RW \$ 2,413,318	\$ 312,597	\$ (901,770)
○ CN \$ 205,179,535	<u>\$ 59,741,151</u>	<u>\$ (22,983,408)</u>
	\$ 61,949,694	\$ (23,885,178)

Project Schedule:

NTP	Feb 2016
Project Completion	May 2019
Schedule Status	Slightly behind schedule (5 days), working to recover

Project Status:

- Production piles are being driven at all nine bridges within the project corridor.
- Substructure concrete operations are in progress at Yorktown Road, Jefferson Avenue, Burma Road, and B-629 Ramp Bridges.
- Box culvert work has been completed at various locations, and fine grading operations have started in the median.



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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 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,000,000	\$ 3,667,581	\$ 0
○ RW \$ 12,000,000	\$ 0	\$ 0
○ CN \$ 289,303,819	\$ 0	\$ 0
	\$ 3,667,581	

Project Schedule:

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

Project Status:

- Three Offerors have been shortlisted:
 - Shirley/Dewberry
 - Lane/RK&K
 - Skanska/WSP
- Offerors Preparing their Technical Proposals (Due 9/14/17) and Price Proposals

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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

- Widening westbound I-64 by adding a second exit lane from Twin Bridges to the I-64/I-264 interchange
- Introducing a new two lane Collector-Distributor (C-D) roadway from I-64 to the Newtown Road interchange
- 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 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,135,307	\$ 10,135,307	\$ 0
○ RW \$ 11,571,063	\$ 10,156,539	\$ 0
○ CN \$ 137,023,653	<u>\$ 28,995,517</u>	\$ 0
	\$ 49,287,363	

Project Schedule:

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

Project Status:

- Constructing bridge columns and cap beams Curlew Drive to Kempsville Road
- I-64 West approach to Curlew Drive Overpass; drilling Densified Aggregate Piers (DAPs) to stabilize soil foundation at Retaining Walls M and P
- Culvert construction; infield between I-264 and Exit 15A to Newtown Road



Densified Aggregate Pier Drilling (foreground) at Retaining Wall M and P (I-64W)



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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 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 14,082,810	\$ 13,833,764	\$ 0
○ RW \$ 54,392,666	\$ 26,236,314	\$ 0
○ CN \$ 126,028,411	\$ <u>0</u>	\$ 0
	\$ 40,070,078	

Project Schedule:

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

Project Status:

- Project was advertised on 7/25/2017
- Bid letting date was rescheduled from 9/27/2017 to 11/15/2017 to encourage competition
- RW acquisition completed, two outstanding tenant relocations
- Utility relocations underway, 65% complete, currently on schedule





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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 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 20,000,000	\$ 9,801,378	\$ 0
○ RW \$ 42,000,000	\$ 0	\$ 0
○ CN \$ 538,000,000	\$ 0	\$ 0
	\$ 9,801,378	

Project Schedule:

Technical Proposals Due	Aug 2017
Projected Award	Oct 2017
Projected Notice to Proceed	Nov 2017
Schedule Status	On-Schedule

Project Status:

- Coordinating with FHWA to complete the major projects requirements (Cost Estimate Review, Finance Plan, Project Management Plan)
- Offerors proposals under evaluation:
 - Granite-Parsons-Corman JV (GPC)/ Parsons Transportation Group
 - Lane-McLean-Branch JV (LMB)/ STV Incorporated
 - Skanska-Archer Western JV (SAW2JV)/ WSP



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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 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$25,000,000	\$ 2,361,832	\$ 0
○ RW \$0	\$ 0	\$ 0
○ CN \$0	<u>\$ 0</u>	\$ 0
	\$ 2,361,832	

Project Schedule:

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

Project Status:

- Cultural resources survey completed; Department of Historic Resources provided concurrence in August 2017
- Geotechnical data report completed for soil borings on north and south HRBT islands
- Land survey of project corridor completed
- Conceptual engineering of roadway and tunnel in progress
- Draft RFQ and commercial term sheets in progress



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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 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 5,000,000	\$ 116,315	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	\$ 0	\$ 0
	\$ 116,315	

Project Schedule:

Begin NEPA Process	Jun 2017
Projected Completion	2020

Project Status:

- VDOT met with the federal regulatory agencies that will have a role in the concurrence process for the study on August 29, 2017. The purpose of the meeting was to introduce the study, solicit feedback on the proposed methods for environmental analysis, and outline the approach for additional agency involvement moving forward.
- Following up on FHWA and VDOT's scoping outreach efforts, invitations for further involvement in the study development will be distributed to other federal, state, and local agencies (including the HRTPO/HRPDC, HRTAC, and localities within the study area). An initial meeting with these agencies is expected to be held in October 2017.
- Opportunities for public input on the development of the study are anticipated to occur between Fall 2017 and Winter 2018. A project web page and opportunity to provide online feedback is expected to be in place by October 2017 and January 2018 is currently targeted for Public Information Meeting(s).
- The overall study Purpose and Need and potential alternative concepts for consideration in the study analyses are presently under development.



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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 09/07/17):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,000,000	\$0	\$ 0
○ RW \$ 0	\$0	\$ 0
○ CN \$ 0	<u>\$0</u>	\$ 0
	\$0	

Project Schedule:

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

Project Status:

- Consultant Scope of Services finalized
- Request for Proposals for Engineering Support Consultant to be released



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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 09/07/17):</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:

- Activities to be initiated when funding is available



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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