

I-64 Peninsula Widening- Segment I

Project Scope:

From 0.52 miles east of Yorktown Road/Rte 238 (Exit 247) to 1.55 miles west of Jefferson Ave/Rte 143 (Exit 255) (6.1 miles)

- Additional 12' wide travel lanes and 12' wide shoulders within the existing median space
- Replacement of the Industrial Park Drive bridges, and repair and widening of 4 bridges and 2 major culverts
- Strengthened shoulder lane from Ft Eustis Blvd Interchange to Jefferson Avenue Interchange

Project Financial Summary:

<u>Project Budget (\$112,000,000):</u>	<u>Funds Expended (as of 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 3,000,000	\$ 2,738,567	\$ 0
○ RW \$ 33,000	\$ 32,494	\$ 0
○ CN \$ 108,967,000	<u>\$ 108,834,679</u>	\$ 0
	\$ 111,605,740	

Project Schedule:

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

Project Status:

- Completion achieved on December 1, 2017



Project Site (Looking West from Denbigh Blvd.)

I-64 Peninsula Widening- Segment II

Project Scope:

From 1.05 miles west of Hummelsine Parkway/Marquis Center Pkwy/Rte 199 (Exit 242) to where the Segment I project ends at 0.54 miles east of Yorktown Road/Rte 238 (Exit 247) (7.1 miles)

- o Additional 12' wide travel lanes and 12' wide shoulders 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 (\$175,832,897):</u>	<u>Funds Expended (as of 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
o PE \$ 6,000,000	\$ 2,564,699	\$ 0
o RW \$ 1,511,548	\$ 509,251	\$ 0
o CN \$ 168,321,349	<u>\$ 125,861,114</u>	\$ 0
	\$ 128,935,064	

Project Schedule:

Notice To Proceed	February 2016
Project Completion	May 2019
Schedule Status	On Schedule

Project Status:

- o Continued Phase II pavement reconstruction throughout project Sections A through D
- o Continued with rehabilitation of existing bridge decks all bridges
- o I-64 WB traffic shift to Phase 2 in Section D (east of Exit 247) achieved on September 19, 2018. The entire project is now in the Phase II configuration
- o Installation of Noise Wall footings started on October 2, 2018



Preparation of the EB Burma Road Bridge for Latex Modified Concrete Overlay

I-64 Peninsula Widening- Segment III

Project Scope:

From approximately 1.15 miles West of Rte 199/Lightfoot (Exit 234) to where the Segment II project ends at 1.05 miles west of Hummelsine Parkway/Marquis Center Pkwy /Rte 199 (Exit 242) (8.2 miles)

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

Project Financial Summary:

<u>Project Budget (\$244,045,973):</u>	<u>Funds Expended (as of 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
o PE \$ 10,000,000	\$ 4,630,356	\$ 0
o RW \$ 12,000,000	\$ 34,422	\$ 0
o CN \$ 222,045,973	<u>\$ 15,079,492</u>	\$ 0
	\$ 19,744,270	

Project Schedule:

Notice To Proceed	January 2018
Project Completion	September 2021 (or June 2021 for early completion incentive)
Schedule Status	On-Schedule

Project Status:

- o Outside shoulder strengthening began in August 2018 and is scheduled for completion in late October 2018
- o Westbound traffic shift to the outside lines is scheduled to begin in late October 2018
- o 90% Roadway Design Plans have been reviewed. Final plans are scheduled for submittal in October 2018
- o Limited Access changes will be presented at the October 2018 CTB meeting
- o The USACE Joint Permit is expected by mid-November 2018



I-64 westbound outside shoulder strengthening and temporary guardrail installation

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 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,135,307	\$ 10,135,307	\$ 0
○ RW \$ 11,571,063	\$ 20,264,994	\$ 8,693,931
○ CN \$ 137,023,653	<u>\$ 79,672,264</u>	\$ 0
	\$110,072,565	

Project Schedule:

Notice To Proceed	October 2016
Project Completion	October 2019
Schedule Status	On-Schedule

Project Status:

- Work continues on Bridges B-602 and B-603
- Constructing Temporary Loop A , I-264 EB Newtown Road Exit 15 A



Bridges B-603(l), B-602 (r) and B-605 (foreground)



Temporary Loop A; Exit 15A

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 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 14,082,810	\$ 14,059,588	\$ 0
○ RW \$ 54,392,666	\$ 37,268,956	\$ 0
○ CN \$ 126,028,411	<u>\$ 7,840,335</u>	\$ 0
	\$ 59,168,879	

Project Schedule:

Award	December 2017
Notice to Proceed	February 2018
Projected Completion	September 2021
Schedule Status	On-Schedule

Project Status:

- Continuing utility relocations along Newtown Road
- Making ground improvements to I-264 EB Bridge B-601 over Newtown Road
- Making ground improvements throughout project site



I-264 EB (B-601) over Newtown Road



Future Site of Roundabout, I-264 Exit 15A

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

Project Scope:

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

- 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 Shoulder Lanes between the Route 17 and I-464 interchanges

Project Financial Summary:

<u>Project Budget (\$524,613,765):</u>	<u>Funds Expended (as of 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 12,200,000	\$ 12,189,098	\$ 0
○ RW \$ 18,726,000	\$ 97,269	\$ 0
○ CN \$ 493,687,765	<u>\$ 76,769,985</u>	\$ 0
	\$ 89,056,352	

Project Schedule:

Award	October 2017
Notice to Proceed	November 2017
Project Completion	July 2021
Schedule Status	On-Schedule

Project Status:

- Conducting coordination meetings with permitting agencies, railroad companies, and other stakeholders
- Roadway, bridge and ROW design submittals by the Design-Builder are being received and reviewed by VDOT
- ROW Acquisition of 25 parcels progressing – 9 appraisals approved, 7 offers made, 2 parcels acquired
- US Army Corps of Engineers and US Coast Guard permits scheduled to be obtained in late October
- Pile driving began in mid-September between the east side of the Elizabeth River and Bainbridge Boulevard
- Shoulder strengthening at east approach to existing High Rise Bridge is scheduled to begin in early October



Pile Driving Operations for East Approach Spans of New High Rise Bridge

I-64 Hampton Roads Bridge-Tunnel Expansion

Refinement of Preferred Alternative

Project Scope:

Preliminary work for the I-64 corridor from Settlers Landing Interchange 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 (\$30,000,000):</u>	<u>Funds Expended (as of 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$30,000,000	\$ 19,514,015	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	<u>\$ 0</u>	\$ 0
	\$ 19,514,015	

Project Schedule:

Request for Qualifications (RFQ)	December 2017
Request for Proposals (RFP)	May 2018
Project Award	Early 2019
Project Completion	2025
Schedule Status	On-Schedule

Project Status:

- Project in procurement; contract award anticipated in early 2019

Route 460/58/13 Connector

Study Scope:

Study from approximately the I-664/U.S. Route 58 Interchange and extending to the Business U.S. Route 460 and the Suffolk Northern Bypass (U.S. Route 13/58/460) Interchange:

- Improve existing roadway to interstate standards and address roadway deficiencies
- Improve accessibility to/from the SPSA Regional Landfill
- Improve accessibility to/from the Hampton Roads Executive Airport

Study Financial Summary:

<u>Project Budget (\$5,000,000):</u>	<u>Funds Expended (as of 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 5,000,000	\$ 1,005,445	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	\$ 0	\$ 0
	\$ 1,005,445	

Study Schedule:

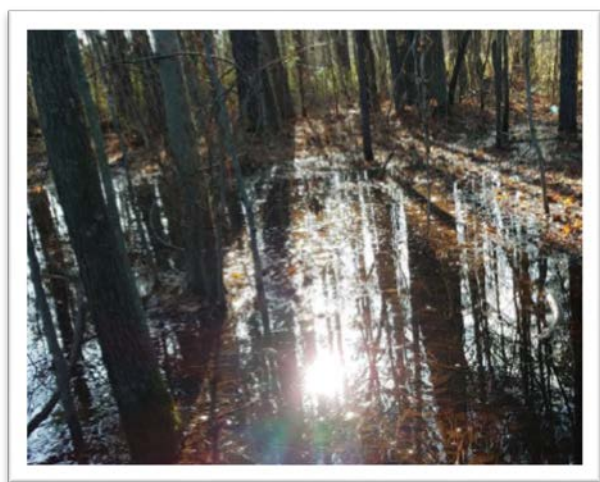
Begin NEPA Process	June 2017
Study Completion	June 2020

Study Status:

- Completing technical studies and compiling Environmental Assessment (EA) documentation for Federal Highway Administration review
- Study briefing presented to the TTAC on October 3, 2018 and HRTPO on October 18, 2018



Existing facility looking westbound from weigh station



Wetland south of eastbound lanes near Sondej Avenue

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:

Project Budget (\$10,000,000):

- PE \$ 10,000,000
- RW \$ 0
- CN \$ 0

Funds Expended (as of 9/28/18):

\$ 194,325
\$ 0
0
\$ 194,325

Projected Cost Over/(Under):

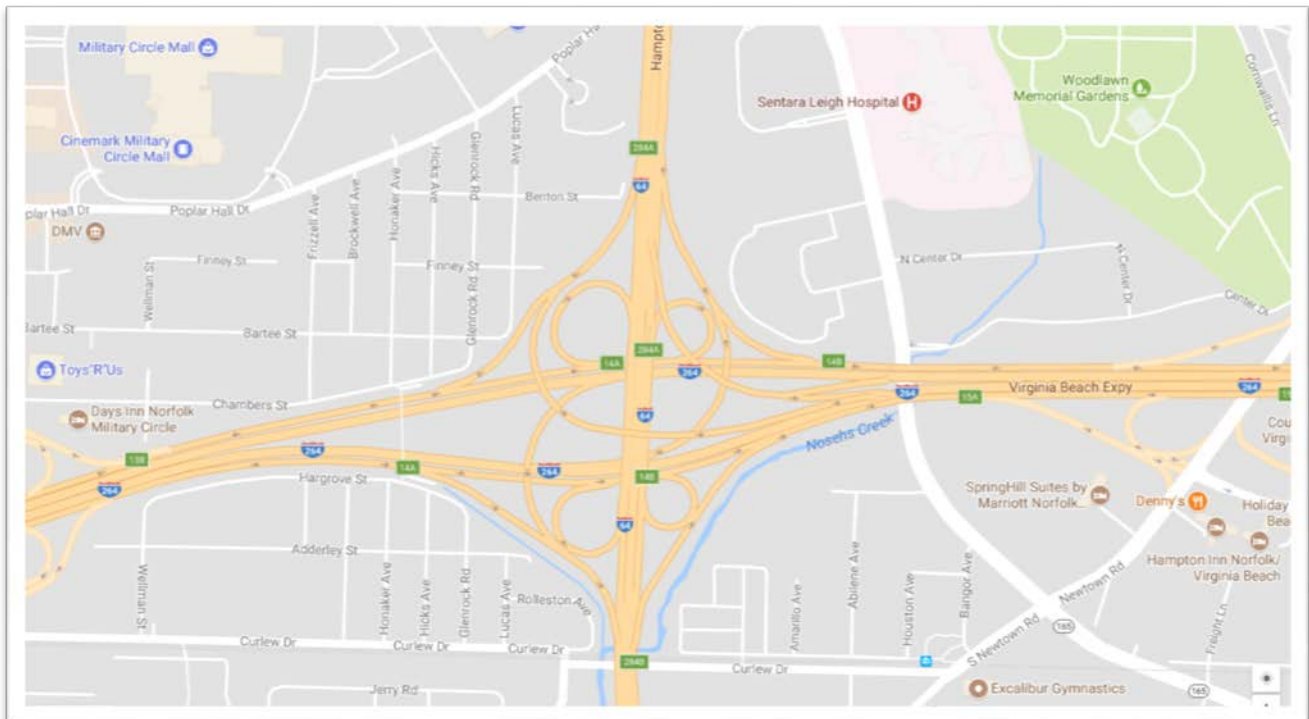
\$ 0
\$ 0
\$ 0

Project Schedule:

Begin NEPA Process	October 2018
IMR Conditional Approval	August 2019
Complete NEPA	December 2019

Project Status:

- Developing and refining Interchange alternatives
- Continuing IMR chapter development
- Continuing traffic and crash analysis
- Revised design alternatives workshop held in HR District on September 18, 2018



Bowers Hill Interchange

Study Scope:

Develop NEPA document and supporting studies for improvements to the I-64/I-264/I-664 Interchange and the Route 58/Route 460 Interchange (Bowers Hill).

Study Financial Summary:

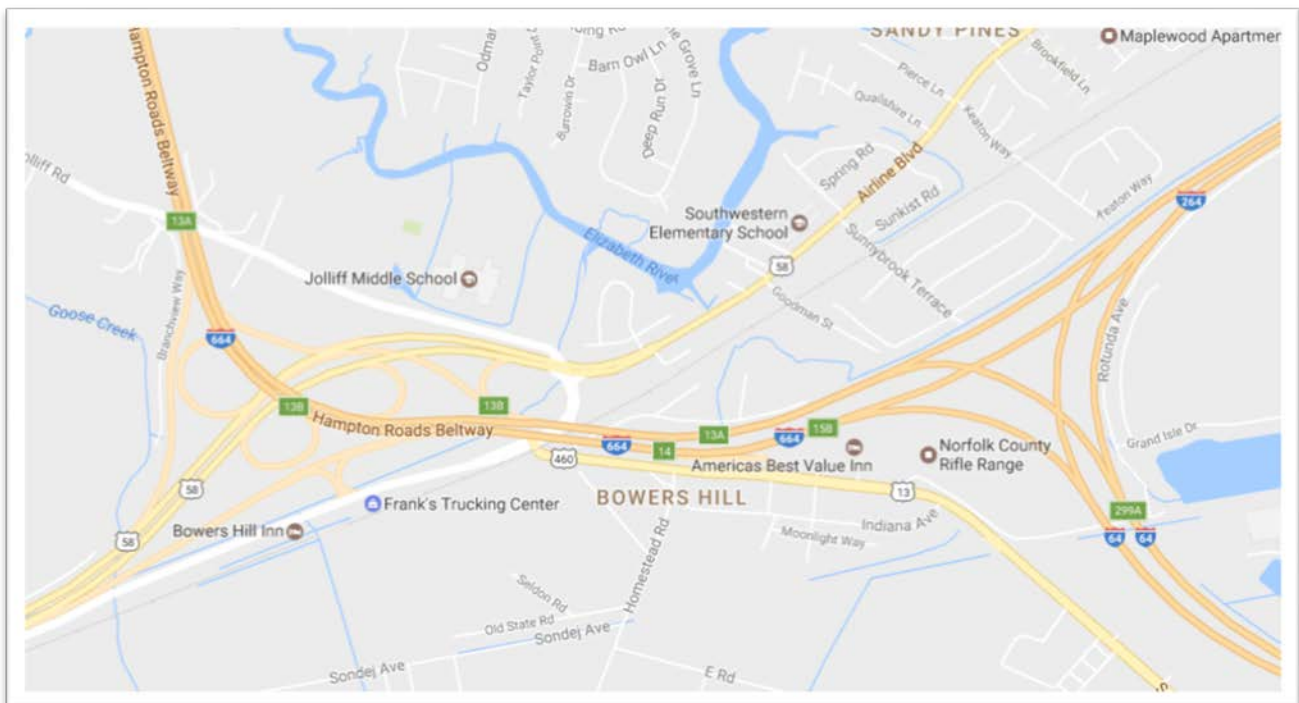
<u>Project Budget (\$4,000,000):</u>	<u>Funds Expended (as of 9/28/18):</u>	<u>Projected Cost Over/(Under):</u>
o PE \$4,000,000	\$ 580,932	\$ 0
o RW \$ 0	\$ 0	\$ 0
o CN \$ 0	\$ 0	\$ 0
	<u>\$ 580,932</u>	

Study Schedule:

Begin NEPA Process	January 2018
Completion	January 2020

Study Status:

- o IMR Framework Document approved by FHWA on September 26, 2018
- o IMR Chapters 1, 2 and 3 are being prepared for FHWA review
- o Request for concurrence on alternatives to be retained for further analysis is scheduled for the October 10, 2018 agency meeting



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
- Rebuild the four Interchanges

Project Financial Summary: TBD

Project Schedule: TBD

Project Status: TBD