

HRTAC Program Development Monthly Executive Report February 2020

Hampton Roads District
7511 Burbage Drive
Suffolk

I-64 Peninsula Widening- Segment I

UPC 104905 (HRTAC)
UPC 111926 (State / Federal)

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 (\$111,608,384):</u>	<u>Funds Expended (as of 01/31/2020):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 2,738,567	\$ 2,738,567	\$ 0
○ RW \$ 32,494	\$ 32,494	\$ 0
○ CN \$ 108,837,323	<u>\$ 108,837,323</u>	\$ 0
	\$ 111,608,384	

Project Schedule:

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

Enabling Funding

HRTAC	\$ 11,608,384
State/Federal	<u>\$ 100,000,000</u>
	\$ 111,608,384

Project Status:

- Completion achieved on December 1, 2017



Project Site (Looking West from Denbigh Blvd.)

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I-64 Peninsula Widening- Segment II

UPC 106665 (HRTAC)

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)

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

Project Financial Summary:

Project Budget (\$175,832,897):

- PE \$ 6,000,000
- RW \$ 1,511,548
- CN \$ 168,321,349

Funds Expended (as of 01/31/2020):

\$ 2,853,850
\$ 521,769
\$ 151,494,016
\$ 154,869,635

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

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

Enabling Funding

HRTAC	\$ 175,832,897
State/Federal	\$ _____.
	\$ 175,832,897

Project Status:

- In final contract close out



Project Site (Looking West from the Yorktown Road overpass)

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I-64 Peninsula Widening- Segment III

UPC 106689 (HRTAC)
UPC 109790 (State / Federal)

Project Scope:

From approximately 1.26 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) (8.36 miles)

- Additional 12' wide travel lanes and 12' wide shoulders 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:

Project Budget (\$244,045,973):

- PE \$ 10,000,000
- RW \$ 12,000,000
- CN \$ 222,045,973

Funds Expended (as of 01/31/2020):

\$ 5,313,539
\$ 443,589
\$ 89,324,150
\$ 95,081,278

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

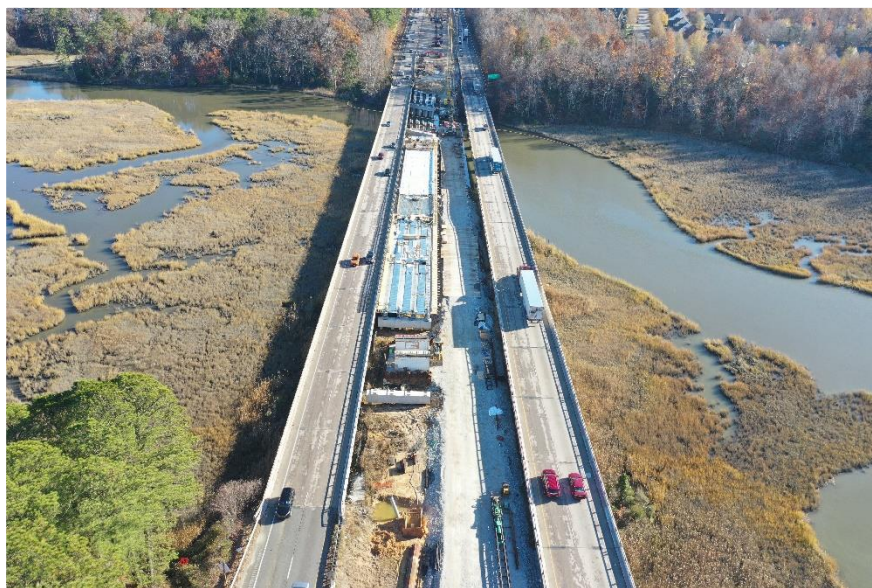
Notice To Proceed	January 2018
Project Completion	September 2021
Schedule Status	On-Schedule

Enabling Funding

HRTAC	\$ 122,893,996
State/Federal	<u>\$ 121,151,977</u>
	\$ 244,045,973

Project Status:

- Eastbound and Westbound traffic is operating in the outside lanes
- Earthwork and asphalt pavement construction continue throughout the project corridor
- Pile installation operations completed at the Lakeshead Drive & Colonial Pkwy bridges
- Concrete beam placement and bridge deck placement on going at the Westbound Queens Creek Bridge



Queens Creek Bridge Construction (Looking East)

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I-64/I-264- Phase I

UPC 108042 (HRTAC)
UPC 57048 (State / Federal)

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:

Project Budget (\$158,730,023):

- PE \$ 10,135,307
- RW \$ 11,571,063
- CN \$ 137,023,653

Funds Expended (as of 01/31/2020):

\$ 10,135,307
\$ 20,435,049
\$ 116,231,997
\$ 146,802,353

Projected Cost Over/(Under):

\$ 0
\$ 8,863,986
\$ 0

Project Schedule:

Notice To Proceed	October 2016
Project Completion	October 2019
Schedule Status	Behind Schedule / Liquidated Damages (LD) being assessed

Enabling Funding

HRTAC	\$ 152,094,716
State/Federal	<u>\$ 6,635,307</u>
	\$ 158,730,023

Project Status:

- Completed rehabilitation of I-264 EB bridge deck and roadway over Kempsville Road
- Completed paving of Norfolk First Baptist overflow parking lot
- Final grading and stabilization throughout the project



Interchange opened and operational

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I-64/I-264- Phase II

UPC 108041 (HRTAC)
UPC 17630 (State / Federal)

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:

Project Budget (\$194,503,887):

- PE \$ 14,082,810
- RW \$ 54,392,666
- CN \$ 126,028,411

Funds Expended (as of 01/31/2020):

\$ 14,082,810
\$ 51,944,822
\$ 48,089,592
\$ 114,117,224

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

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

Enabling Funding

HRTAC	\$ 127,749,638
State/Federal	<u>\$ 66,754,249</u>
	\$ 194,503,887

Project Status:

- Continued piers and foundation work on I-264 Flyover
- Completed two east barrels of quad box culvert extension next to Top Golf
- Realigned Greenwich Road to construct ramp to Witchduck Road



Foundation and pier construction north end of I-264 Flyover

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

UPC 106692 (HRTAC)
UPC 108990 (State / Federal)

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

Project Financial Summary:

<u>Project Budget (\$524,613,765):</u>	<u>Funds Expended (as of 01/31/2020):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 12,200,000	\$ 12,201,002	\$ 1,002
○ RW \$ 18,726,000	\$ 10,343,899	\$ 0
○ CN \$ 493,687,765	<u>\$ 163,287,791</u>	\$ 0
	\$ 185,832,692	

Project Schedule:

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

Enabling Funding

HRTAC	\$ 431,956,220
State/Federal	<u>\$ 92,657,545</u>
	\$ 524,613,765

Project Status:

- VDOT continues to respond to RFIs, NDCs, NCRs and submittals as needed
- All ROW parcels have been acquired and/or cleared for construction
- HRB substructure construction (piles, footings, columns, caps) continue on Abutments; Piers 1-3, 8-14, 16-31
- Fender system construction continues
- Construction of both Great Bridge Blvd Bridge abutments and approach fills/MSE walls continue
- Construction of I-64 Bridge Widening over Military Highway, Yadkin Road, and Shell Road continue
- Clearing and grubbing, earthwork, drainage, roadway widening continues on all 5 roadway segments



HRB (Panoramic View)

Route 460/58/13 Connector

UPC 106694 (HRTAC)

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:

Project Budget (\$5,000,000):

- PE \$5,000,000
- RW \$ 0
- CN \$ 0

Funds Expended (as of 01/31/2020):

\$ 1,095,368
\$ 0
\$ 0
\$ 1,095,368

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Study Schedule:

Begin NEPA Process	June 2017
Study Completion	June 2020

Enabling Funding

HRTAC	\$ 5,000,000
State/Federal	\$ _____
	\$ 5,000,000

Study Status:

- Study closed; final voucher paid on January 7, 2019
- Estimate updated to match expenditures as of February 1, 2019
- Final CTB approval to terminate project agreement to occur on December 11, 2019



Existing facility looking westbound from weigh station



Wetland south of eastbound lanes near Sondej Avenue

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I-64/I-264- Phase III

UPC 106693 (HRTAC)

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 01/31/2020):

\$ 2,113,241
\$ 0
\$ 0
\$ 2,113,241

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

IMR Submittal to FHWA
IMR Conditional Approval
Schedule Status

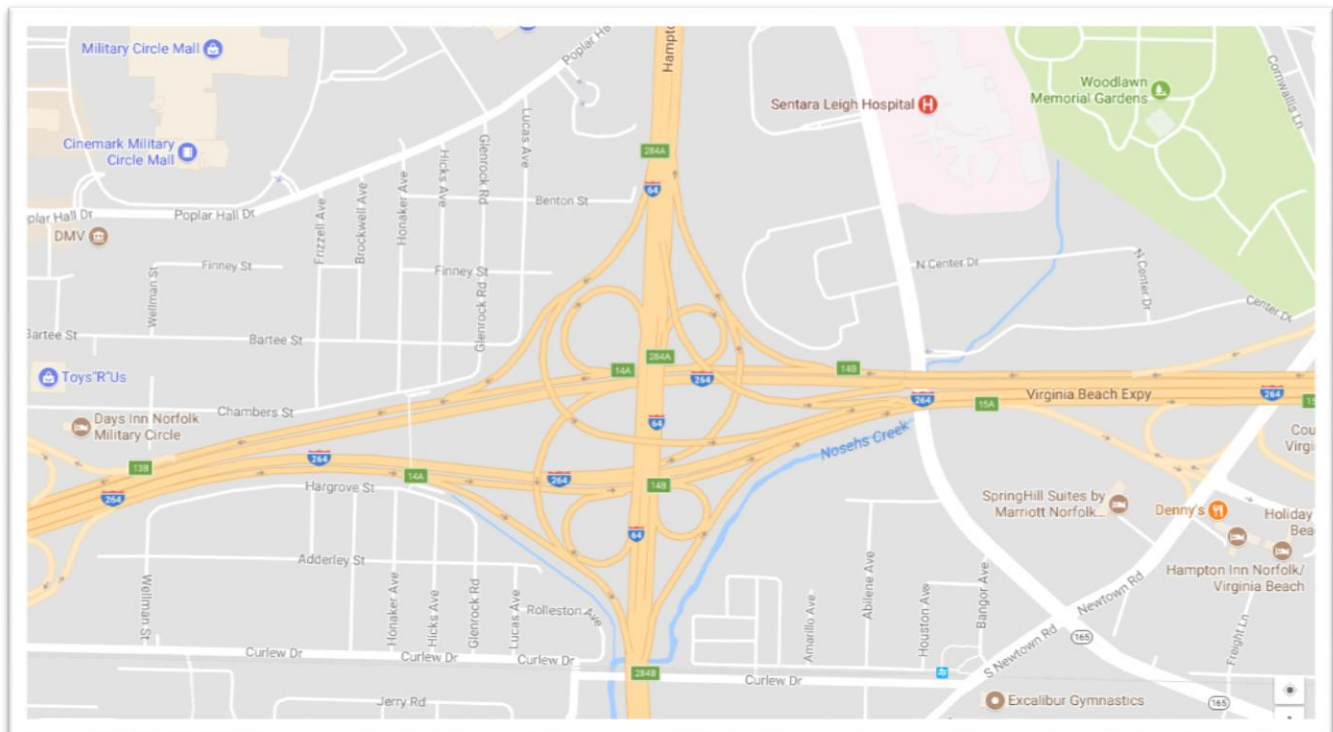
December 2019
Spring 2020
On-Schedule

Enabling Funding

HRTAC \$ 10,000,000
State/Federal \$ _____
\$ 10,000,000

Project Status:

- Final IMR under review by Central Office and FHWA



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Bowers Hill Interchange

UPC 111427 (HRTAC)

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:

Project Budget (\$4,000,000):	Funds Expended (as of 01/31/2020):	Projected Cost Over/(Under):
○ PE \$4,000,000	\$ 1,965,575	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	\$ 0	\$ 0
	\$ 1,965,575	

Study Schedule:

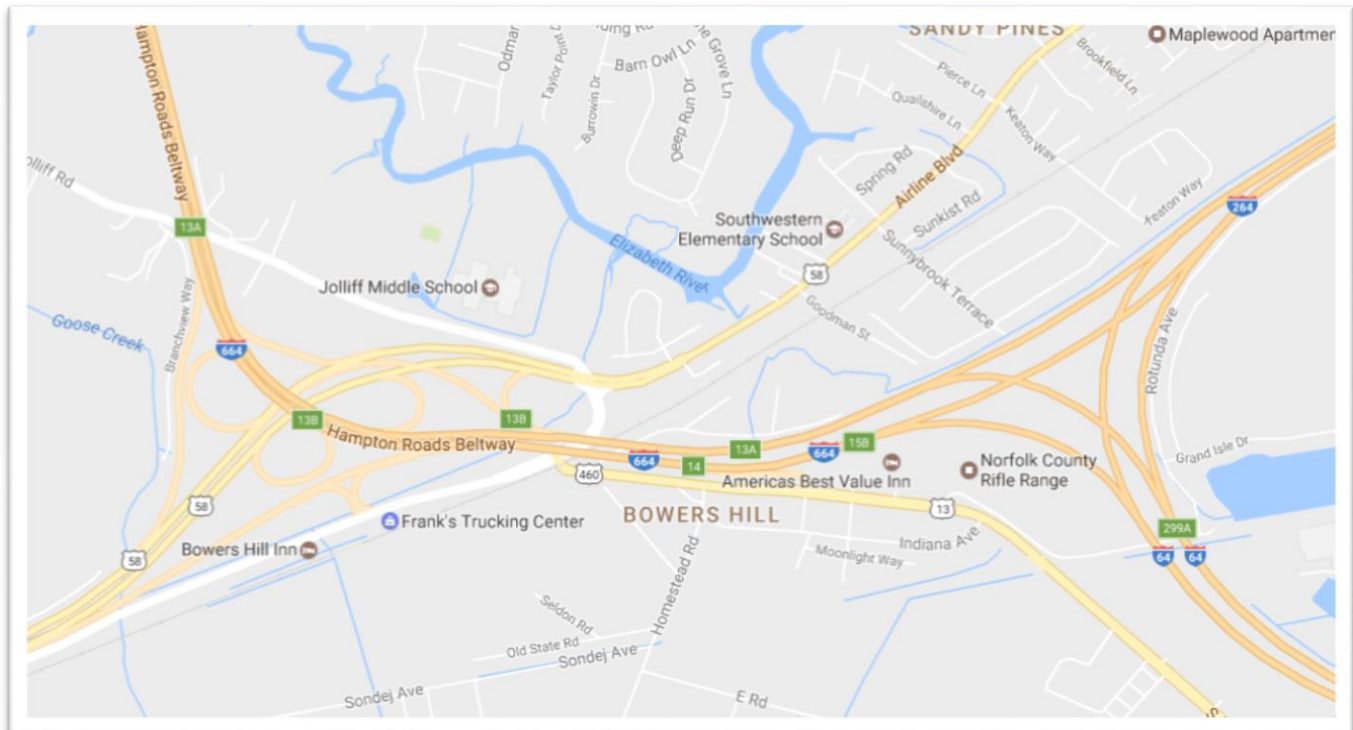
Begin NEPA Process	January 2018
Completion	January 2020

Enabling Funding

HRTAC	\$ 4,000,000
State/Federal	\$ _____
	\$ 4,000,000

Study Status:

- Modify scope to expand study area to include I-664 from Bowers Hill to College Drive in accordance with HRTPO resolution regarding express lanes



Ft. Eustis Interchange

UPC 106700 (HRTAC)

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