

HRTAC Program Development Monthly Executive Report December 2019

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:

Project Budget (\$111,608,384):

- PE \$ 2,738,567
- RW \$ 32,494
- CN \$ 108,837,323

Funds Expended (as of 11/30/19):

\$ 2,738,567
\$ 32,494
\$ 108,837,323
\$ 111,608,384

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

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.)

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 11/30/19):

\$ 2,820,827
\$ 520,430
\$ 151,255,699
\$ 154,596,956

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

Notice To Proceed	February 2016
Project Completion	May 2019
Schedule Status	Completed/ In Contract Close Out

Enabling Funding

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

Project Status:

- Project was accepted on November 15, 2019
- Removal of erosion and sediment control devices continues to close out environmental permits
- Submission and review of final project documents for project closeout continues



Project Site (Looking East from the Exit 243 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 11/30/19):

\$ 5,278,266
\$ 437,248
\$ 73,152,570
\$ 78,868,084

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



Bridge deck operations at the Westbound Queens Creek Bridge

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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 11/30/19):

\$ 10,135,307
\$ 20,431,169
\$ 114,169,468
\$ 144,735,944

Projected Cost Over/(Under):

\$ 0
\$ 8,860,106
\$ 0

Project Schedule:

Notice To Proceed
Project Completion
Schedule Status

October 2016
October 2019
Behind Schedule / Liquidated Damages
(LD) being assessed / Installation of
Sound Wall foundation in progress.

Enabling Funding

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

Project Status:

- Opened 60 in. diameter Tidal Channel drainage pipe under HRT "Tide" and I-64 WB and EB
- Continued rehabilitation of I-264 EB bridge deck and roadway over Kempsville Road
- Continued construction of Soil Nail Wall to Support Sound Barrier I-64 EB



Soil Nail Wall Nearing Completion, I-64 EB

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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 11/30/19):

\$ 14,082,810
\$ 50,464,192
\$ 41,354,092
\$ 105,901,094

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:

- Completed 48 in. Force Sever Main bypass on Newtown Road
- Completed 42 in. City of Virginia Beach water main along Greenwich Road
- Commenced B-621 Fill Bridge to span lake adjacent to Top Golf
- Continued Greenwich Road utility relocations



Setting Sheet Piles Bridge B-621

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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:

Project Budget (\$524,613,765):

- PE \$ 12,200,000
- RW \$ 18,726,000
- CN \$ 493,687,765

Funds Expended (as of 11/30/19):

\$ 12,201,002
\$ 10,313,576
\$ 134,560,703
\$ 157,075,281

Projected Cost Over/(Under):

\$ 1,002
\$ 0
\$ 0

Project Schedule:

Award	October 2017
Notice to Proceed	November 2017
Project Completion	July 2021
Schedule Status	On-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 pier construction (piles, footings, columns, caps) continue on Piers 1-3, 8-14, 16-31
- Fender system construction continues
- Construction of both Great Bridge Blvd Bridge abutments and abutment 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 Looking West

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:

<u>Project Budget (\$5,000,000):</u>	<u>Funds Expended (as of 11/30/19):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$5,000,000	\$ 1,095,368	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	\$ 0	\$ 0
	\$ 1,095,368	

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

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 11/30/19):

\$ 2,107,946
\$ 0
\$ 0
\$ 2,107,946

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

IMR Submittal to FHWA
IMR Conditional Approval
Schedule Status

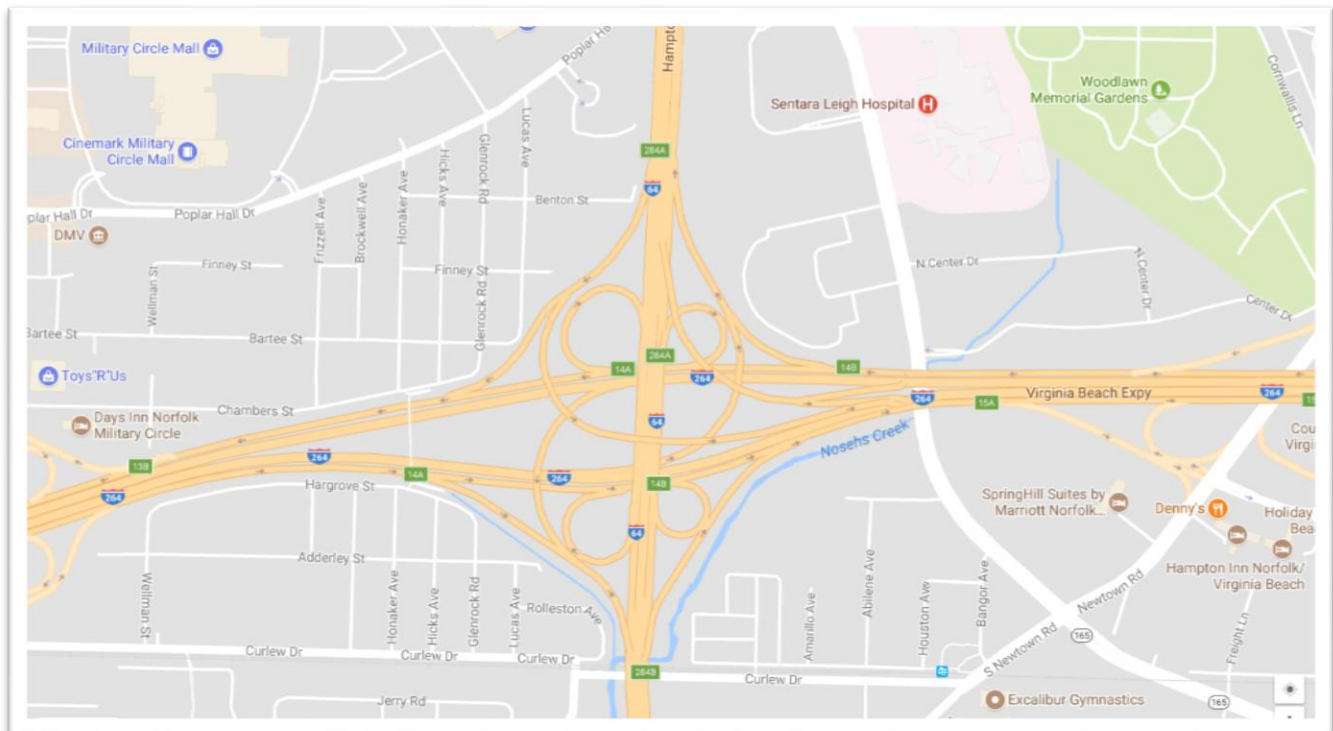
December 2019
Spring 2020
On-Schedule

Enabling Funding

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

Project Status:

- Final IMR in review by Central Office.
- IMR will be submitted to the FHWA in Mid-January 2020.



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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):

- PE \$4,000,000
- RW \$ 0
- CN \$ 0

Funds Expended (as of 11/30/19):

\$ 1,937,620
\$ 0
\$ 0
\$ 1,937,620

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Study Schedule:

Begin NEPA Process
Completion

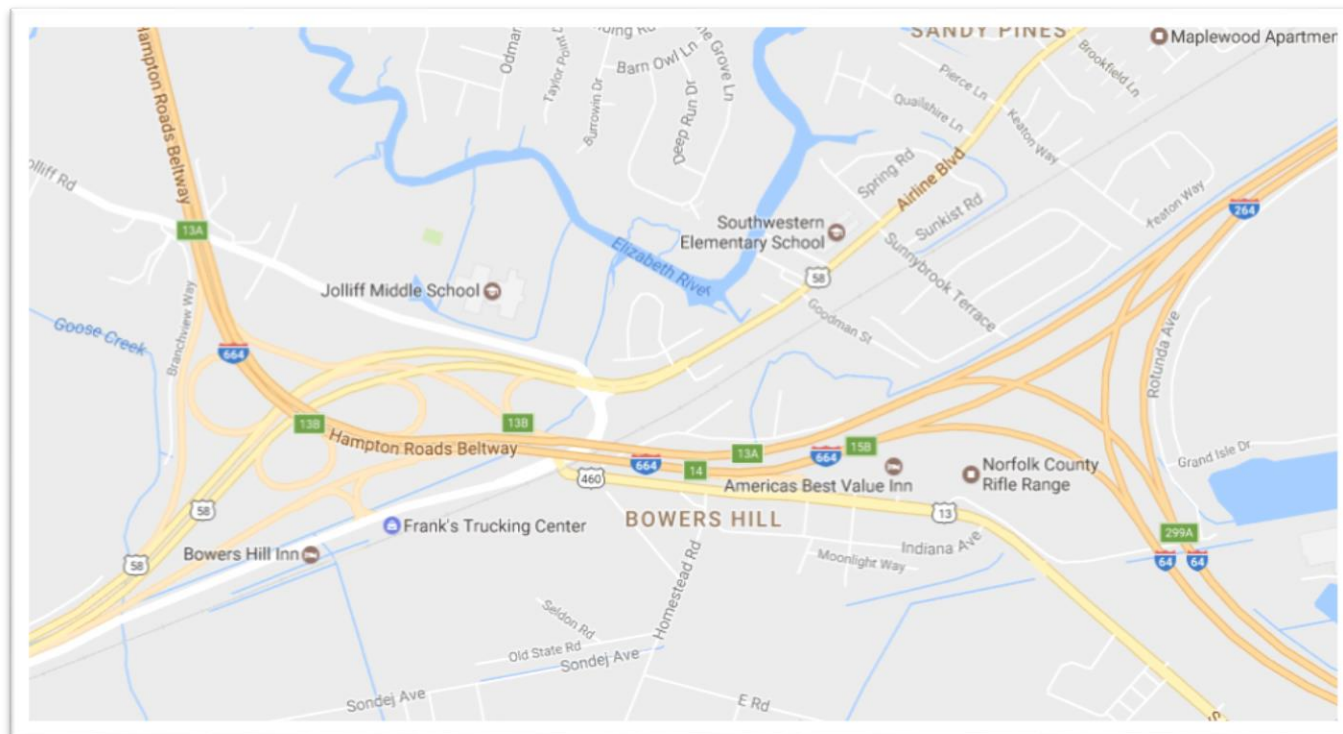
January 2018
January 2020

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