

HRTAC Program Development Monthly Executive Report October 2020

Hampton Roads District
7511 Burbage Drive
Suffolk

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 09/30/2020):

\$ 2,869,659
\$ 523,265
\$ 151,600,058
\$ 154,992,982

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

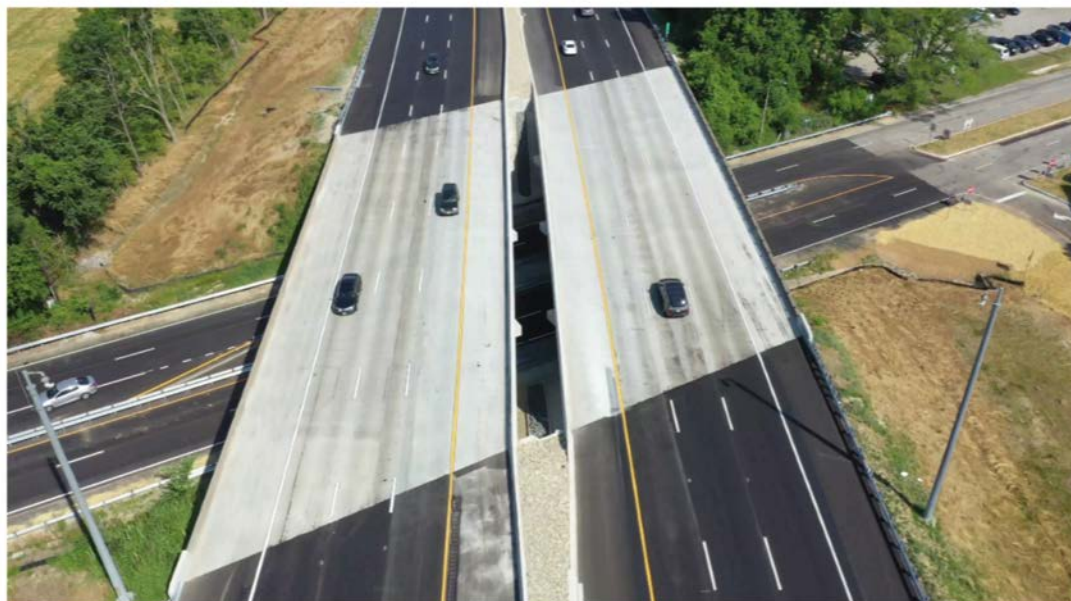
Notice To Proceed	February 2016
Project Completion	May 2019
Schedule Status	Completed

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:

<u>Project Budget (\$244,045,973):</u>	<u>Funds Expended (as of 09/30/2020):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,000,000	\$ 5,499,773	\$ 0
○ RW \$ 12,000,000	\$ 599,796	\$ 0
○ CN \$ 222,045,973	<u>\$119,387,718</u>	\$ 0
	\$125,487,287	

Project Schedule:

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

Enabling Funding

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

*The Project Fixed Completion Date was extended from September to December 2021 to accommodate the additional required sound wall installation.

Project Status:

- Eastbound and Westbound traffic continues to be switched from the outside lanes to inside lanes.
- Bridge widening construction underway at the Lakeshead Drive and Colonial Pkwy bridges
- Demolition of the existing Eastbound Queens Creek Bridge is complete and new bridge construction is underway
- Noisewall construction is underway between the eastern project limits and the Queens Creek bridges.



Traffic configuration near the Exit 234 interchange

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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 09/30/2020):

\$ 10,135,307
\$ 20,449,407
\$ 119,878,121
\$ 150,462,835

Projected Cost Over/(Under):

\$ 0
\$ 8,878,344
\$ 0

Project Schedule:

Notice To Proceed	October 2016
Project Completion	October 2019
Schedule Status	Completed

Enabling Funding

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

Project Status:

- In final contract close out



CD Road Bridge, 264 Flyover and Tidal Channel (low tide)

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:

<u>Project Budget (\$194,503,887):</u>	<u>Funds Expended (as of 09/30/2020):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 14,082,810	\$ 14,082,810	\$ 0
○ RW \$ 54,392,666	\$ 54,446,808	\$ 54,142
○ CN \$ 126,028,411	<u>\$ 74,756,820</u>	\$ 0
	\$ 143,286,438	

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:

- Ground improvement piles for widening of bridge at Newtown Road (B601) west side 60%
- Ground improvements piles for widening of Bridge B602 east side 10%
- Stay in place forms and overhangs complete for Greenwich Road Flyover (Cleveland Street to Greenwich Road)
- Surcharge in place for B621 bridge approach to Greenwich Road Flyover
- Utility and storm sewer work along Greenwich continues



Surcharge Complete at B621 Approach to Flyover



Stay in Place Forms and Overhangs on Flyover Bridge

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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 09/30/2020):

\$ 12,189,098
\$ 10,498,742
\$ 212,946,856
\$ 235,634,696

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

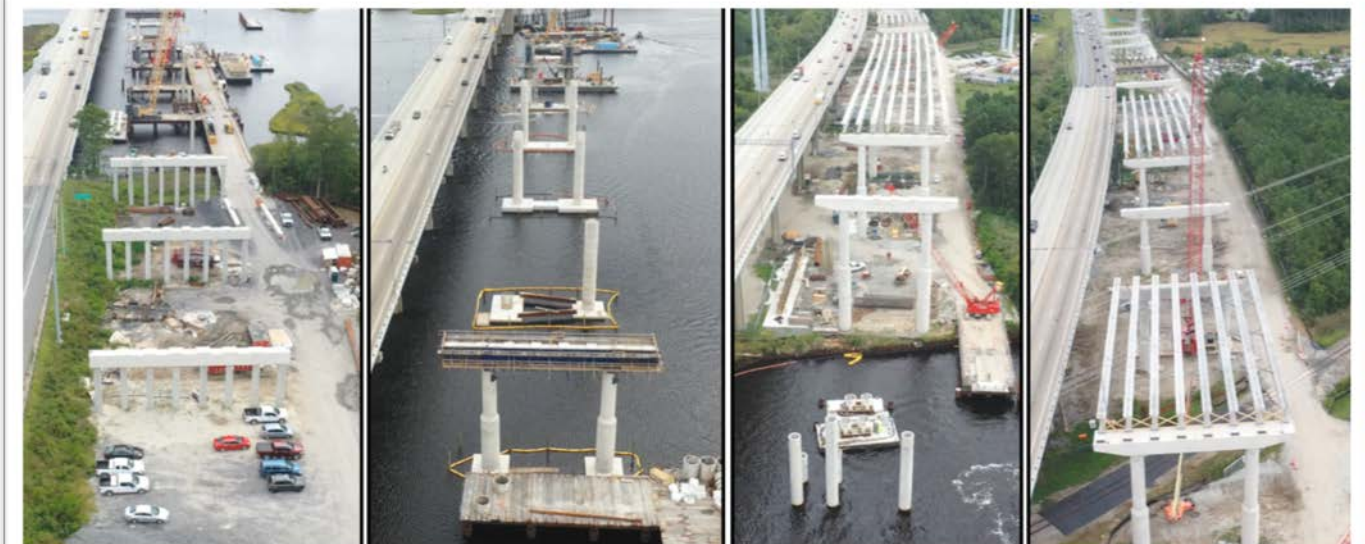
Award	October 2017
Notice to Proceed	November 2017
Project Completion	July 2021
Schedule Status	Behind Schedule

Enabling Funding

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

Project Status:

- VDOT continues to review vendor designs and submittals, and to respond to RFIs, NDCs, NCRs and submittals as needed
- HRB substructure construction (piles, footings, columns, caps) continues. Superstructure beam erection continues
- Fender system construction continues and is about 98% complete
- Great Bridge Blvd Bridge substructures, approach fills/MSE walls, and beams completed. Deck forming continues
- Construction of substructures on I-64 Bridge Widening over Military Highway, Yadkin Road, and Shell Road continues
- Clearing and grubbing, earthwork, drainage, roadway widening continues on all five roadway segments
- Construction of pavement on West 1 roadway segment and special wall on West 3 roadway segment continues



Piers 1-8

Piers 8-17

Piers 18-26

Piers 25-36

(High Rise Bridge Looking West)

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 09/30/2020):

\$ 2,273,649
\$ 0
\$ 0
\$ 2,273,649

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

IMR Submittal to FHWA
IMR Conditional Approval
Schedule Status

December 2019
Spring 2020
On-Schedule

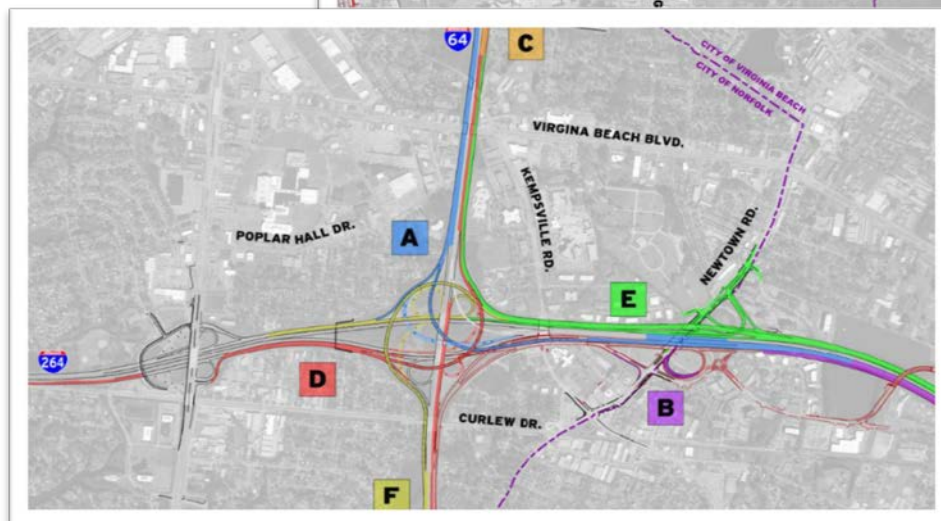
Enabling Funding

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

Project Status:

- Final signed and sealed IMR submitted to FHWA for approval on May 27, 2020
- FHWA approval on the updated/revised IMR is expected soon
- In coordination with HRTPO, Subproject I submitted for Round 4 Smart Scale application. Subproject I widens eastbound I-64 to five lanes from the Northampton Boulevard interchange to I-264.

Subproject I (originally part of Subproject A)



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) extending north to approximately the College Drive Interchange. Original scope modified to include extending study to College Drive interchange with 664 and add Managed Lane component through Bowers Hill interchange to College Drive Interchange to reflect HRTPO directed changes.

Study Financial Summary:

<u>Project Budget (\$4,000,000):</u>	<u>Funds Expended (as of 09/30/2020):</u>	<u>Projected Cost Over/(Under):</u>
o PE \$4,000,000	\$ 2,143,601	\$ 0
o RW \$ 0	\$ 0	\$ 0
o CN \$ 0	\$ 0	\$ 0
	\$ 2,143,601	

Study Schedule:

Begin NEPA Process	July 2020
Completion	December 2023
Schedule Status	On-Schedule

Enabling Funding

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

Study Status:

- o VDOT briefed the TTAC working group on Purpose and Need at the September 25 meeting
- o Field work underway
- o The study's online Purpose and Need survey for the public's participation began mid-September and the second newsletter was sent out on September 18

