

HRTAC Program Development Monthly Executive Report September 2021

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 08/31/2021):

\$ 2,869,659
\$ 529,943
\$ 156,154,142
\$ 159,553,744

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

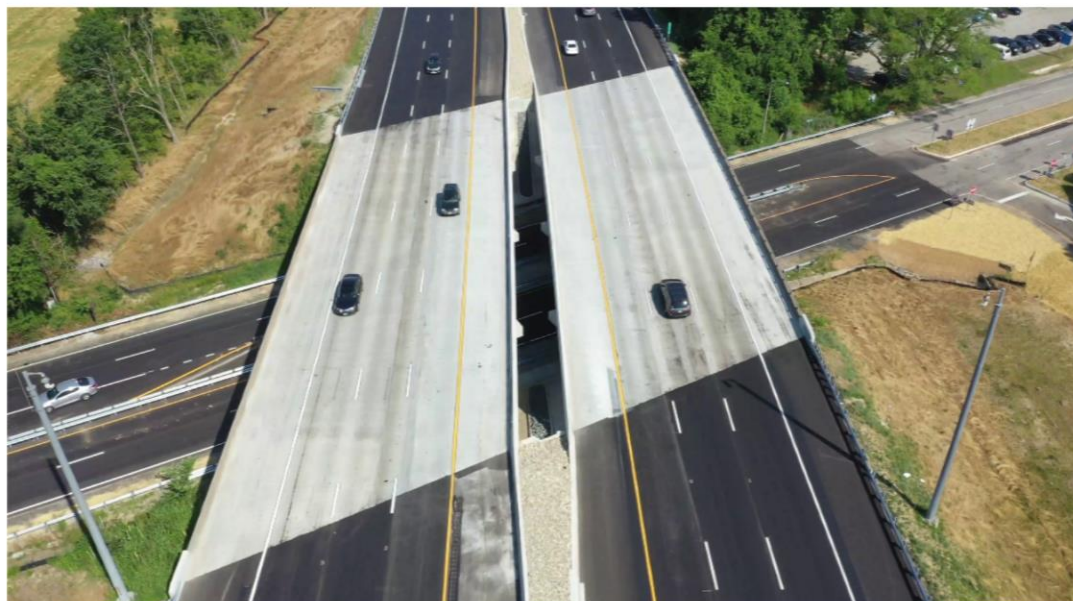
Notice To Proceed	February 2016
Project Completion	May 2019
Schedule Status	Completed

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)

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 08/31/2021):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,000,000	\$ 5,650,452	\$ 0
○ RW \$ 12,000,000	\$ 879,537	\$ 0
○ CN \$ 222,045,973	<u>\$166,731,327</u>	\$ 0
	\$173,261,316	

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 has been switched from the outside lanes to inside lanes
- Bridge construction work has been completed at the Lakeshead & Colonial Parkway bridges
- Pile installation & beam erection at the Westbound Queens Creek Bridge is underway
- Final surface paving is underway.



Bridge construction at Westbound Queens Creek

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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 08/31/2021):

\$ 10,135,307
\$ 20,452,371
\$ 121,046,181
\$ 151,633,859

Projected Cost Over/(Under):

\$ 0
\$ 8,881,308
\$ 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)

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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 43
- 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):	Funds Expended (as of 08/31/2021):	Projected Cost Over/(Under):
○ PE \$ 14,082,810	\$ 14,082,810	\$ 0
○ RW \$ 54,392,666	\$ 55,777,227	\$1,384,561
○ CN \$ 126,028,411	<u>\$ 105,481,702</u>	\$ 0
	\$ 175,341,739	

Project Schedule:

Award	December 2017
Notice to Proceed	February 2018
Projected Completion	September 2021
Schedule Status	Full project open to Traffic December 2021

Enabling Funding

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

Project Status:

- B601 (Newtown Bridge), Deck reinforcing steel 80%. First deck section September 7.
- Witchduck Ramp A (off-ramp) storm sewer 40%. Prepping final grade.
- B603 Greenwich Flyover) open MSE wall painting 100%, Girders 10%. Parapet formwork 10%.
- Stormwater ponds 1 & 2 – 80%, preparing to final grade and seeding.
- Greenwich Road widening (south side), curb & gutter, asphalt mill 95%. Asphalt in-progress.



B601 (Newtown) Reinforcing Steel & Prepping Screed



Greenwich Flyover – Coating of Girders and MSE Walls

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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 08/31/2021):

\$ 12,189,098
\$ 10,883,834
\$ 294,587,432
\$ 317,660,364

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

Award	October 2017
Notice to Proceed	November 2017
Project Completion	December 2022 *
Schedule Status	On Schedule

Enabling Funding

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

* The Project Fixed Completion Date was extended to December 2022 to add roadway/drainage infrastructure for future Part-Time Shoulder Express Lanes.

Project Status:

- HRB Substructure – piles are completed; footings, columns, caps continue. HRB Superstructure – beam erection, deck forming, deck pours continue. Approach fills/MSE walls continue
- Great Bridge Blvd Bridge – Bridge construction completed. Approach roadway, MSE wall copings/moment slabs continue
- I-64 Bridge Widening over Military Highway, Yadkin Road, and Shell Road – substructures completed. The superstructures (beam erection, deck construction) are underway
- Earthwork, drainage/stormwater, roadway fill, retaining walls, ITS, continue on all five roadway segments
- Construction of pavement on Segment W1, special design wall on W3, noise barriers on W1, W2, E1 & E2 continue



Completed Decks on High Rise Bridge Spans 21-26 (Looking Northwest)

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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 study and IMR of entire interchange
- Includes preliminary design of Subproject III-A – Ramp from I-64 EB to I-264 EB

Project Financial Summary:

Project Budget (\$10,000,000):	Funds Expended (as 08/31/2021):	Projected Cost Over/(Under):
○ PE \$ 10,000,000	\$ 2,333,787	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	\$ 0	\$ 0
	\$ 2,333,787	

Project Schedule:

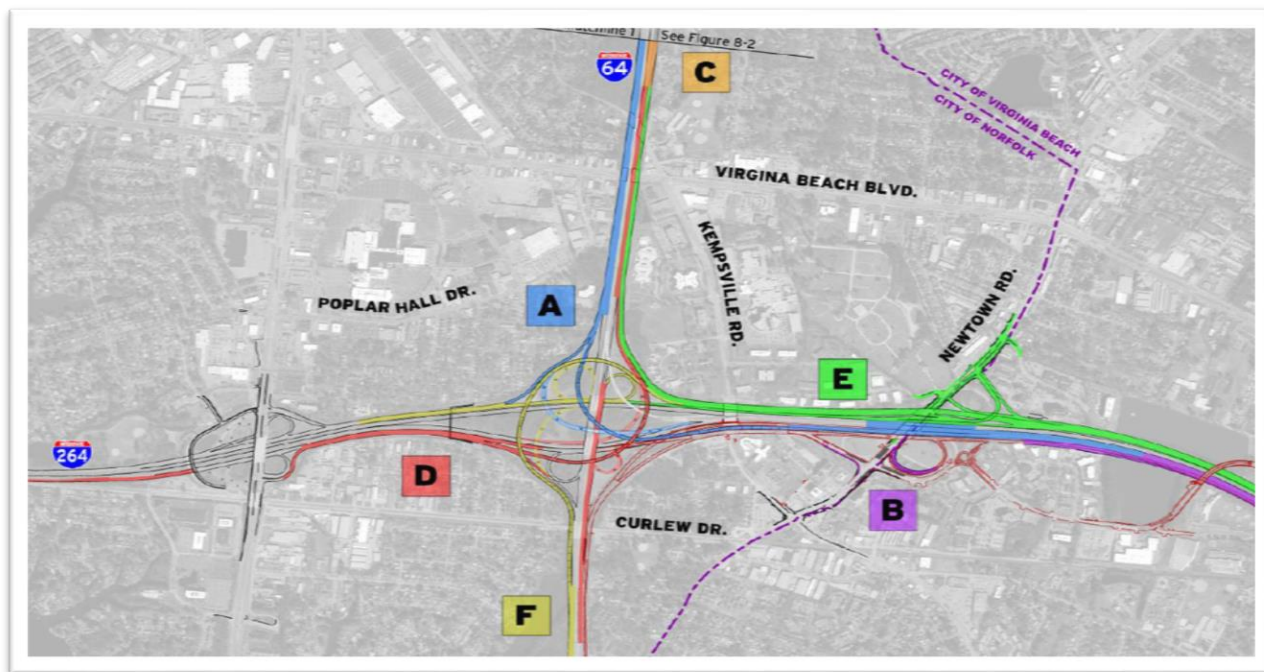
IMR Submittal to FHWA	December 2019
IMR Conditional Approval	Spring 2020
IMR Final Approval	October 2020
Subproject III-A – Consultant NTP	November 2021
Schedule Status	On Schedule

Enabling Funding

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

Project Status:

- IMR is complete
- Advancing the development of Subproject III-A that will include the NEPA study, preliminary design, and updated project cost estimate
- Negotiating and developing a supplemental agreement with consultant for the Subproject III-A engineering services



Proposed I-64/I-264 Interchange Improvements from IMR (Subproject III-A shown in Blue)

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 (\$7,904,630):</u>	<u>Funds Expended (as of 08/31/2021):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 7,904,630	\$ 3,795,387	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	\$ 0	\$ 0
	\$ 3,795,387	

Study Schedule:

Begin NEPA Process	July 2020
Preferred Alternative recommendation	February 2022
Completion	December 2023
Schedule Status	On-Schedule

Enabling Funding

HRTAC	\$ 7,904,630
State/Federal	\$ _____.
	\$ 7,904,630

Study Status:

- FHWA Notice of Intent anticipated in September and will be accompanied by VDOT public outreach.
- Based on discussions with FHWA, VDOT will not pursue permits as part of this EIS.
- FHWA has also stated that an Interchange Access Report (IAR) will not be required during NEPA.
- Technical studies and traffic analyses continue to progress.

