

HRTAC Program Development Monthly Executive Report August 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 07/30/2020):

\$ 2,869,659
\$ 523,265
\$ 151,579,628
\$ 154,972,552

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	<u>\$ _____.</u>
	\$ 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 07/30/2020):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 10,000,000	\$ 5,482,886	\$ 0
○ RW \$ 12,000,000	\$ 549,580	\$ 0
○ CN \$ 222,045,973	<u>\$107,897,784</u>	\$ 0
	\$113,930,250	

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
- Traffic switch onto newly constructed Westbound Queens Creek Bridge completed in mid-April
- Demolition of the existing Eastbound Queens Creek Bridge nearly complete and new bridge construction is underway



East Abutment of the new EB I-64 bridge over 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 07/30/2020):

\$ 10,135,307
\$ 20,439,624
\$ 119,688,844
\$ 150,263,775

Projected Cost Over/(Under):

\$ 0
\$ 8,868,561
\$ 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
- 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 07/30/2020):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$ 14,082,810	\$ 14,082,810	\$ 0
○ RW \$ 54,392,666	\$ 54,430,345	\$ 0
○ CN \$ 126,028,411	<u>\$ 66,901,960</u>	\$ 0
	\$ 135,415,115	

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:

- Columns placed, began pier cap formwork for B601 Widening over Newtown Road
- Paving Greenwich Road roundabout
- Completed setting steel for Greenwich Road I-264 Flyover (Cleveland Street to Greenwich Road)



Greenwich Road Roundabout



Greenwich Road Flyover Steel Spanning I-264



Bridge Widening over Newtown Road

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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 07/30/2020):

\$ 12,189,098
\$ 10,420,281
\$ 200,708,260
\$ 223,317,639

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 respond to RFIs, NDCs, NCRs and submittals as needed
- HRB substructure construction (piles, footings, columns, caps) continues. Superstructure beams started in May
- Fender system construction continues and is about 95% complete
- Great Bridge Blvd Bridge substructures and approach fills/MSE walls completed. Beams were erected this month
- 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



HRB – Piers 19-25 (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 07/30/2020):

\$ 2,183,557
\$ 0
\$ 0
\$ 2,183,557

Projected Cost Over/(Under):

\$ 0
\$ 0
\$ 0

Project Schedule:

IMR Submittal to FHWA

December 2019

IMR Conditional Approval

Spring 2020

Schedule Status

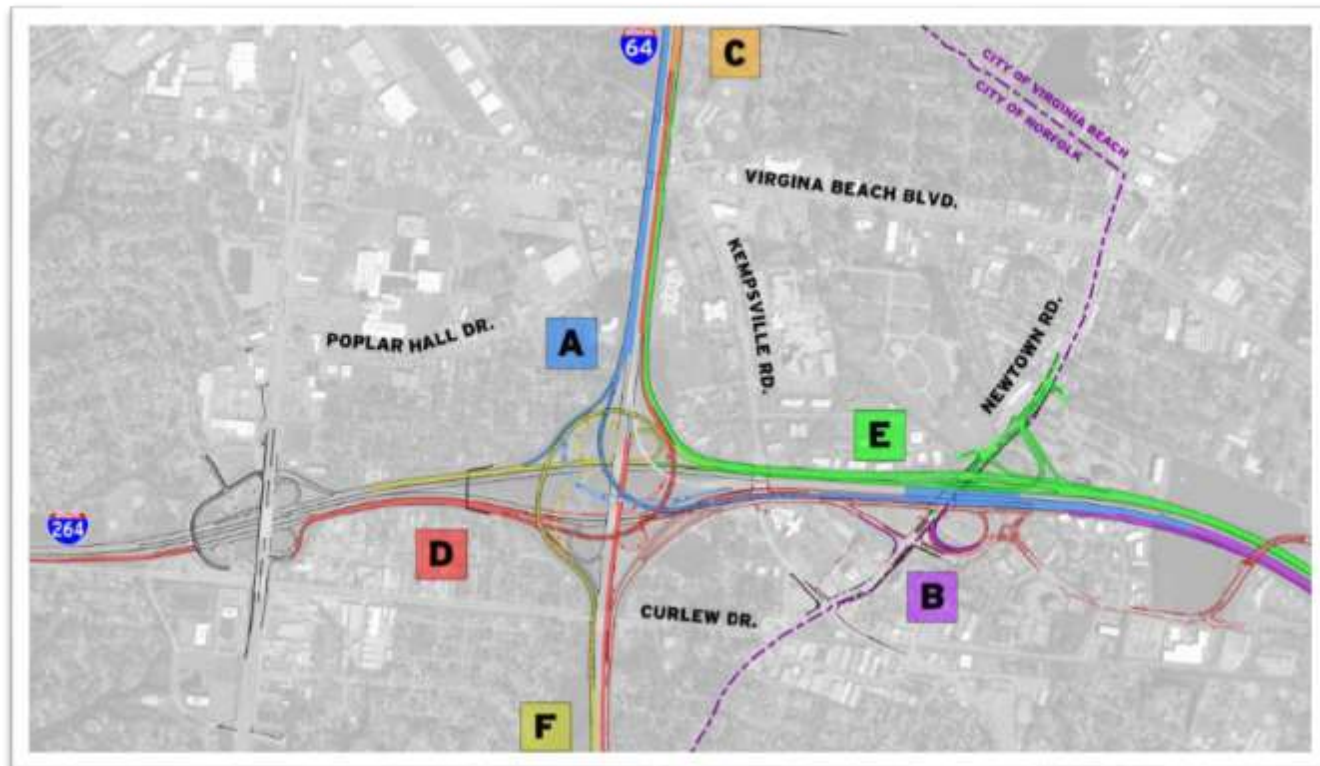
On-Schedule

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
- In coordination with HRTPO, introducing Segment E for Round 4 Smart Scale submission.
- Currently reviewing an alternate candidate segment for potential Smart Scale submission in cooperation with HRTPO



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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) extending north to approximately the College Drive Interchange.

Study Financial Summary:

<u>Project Budget (\$4,000,000):</u>	<u>Funds Expended (as of 07/30/2020):</u>	<u>Projected Cost Over/(Under):</u>
○ PE \$4,000,000	\$ 2,058,767	\$ 0
○ RW \$ 0	\$ 0	\$ 0
○ CN \$ 0	\$ 0	\$ 0
	\$ 2,058,767	

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:

- New scope adjusted to reflect HRTPO directed changes
 - Add 664 NB and SB to College Drive
 - Add Managed Lane component through Bowers Hill interchange to College Drive Interchange

