



ExpressLanes

More Choices For Travelers

Hampton Roads Express Lane Network

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Hampton Roads District Administrator

Presented to Commonwealth Transportation Board

July 18, 2017



History of HOV Network

- **Aug 1992: CTB resolution designated HOV lanes in Hampton Roads as HOV-2: Monday - Friday 5:00am – 8:30 am; 3:00pm – 6:00pm and restricted trucks from operating on certain HOV lanes**
- **Sept 1992: Reversible HOV lanes opened**
- **Jan 1998: CTB resolution restricted trucks (except for pickup or 2 axle panel type trucks) from operating on any HOV lane in Hampton Roads**
- **Feb 1999: CTB resolution effective May 1, 1999 modifying operational hours of all HOV lanes on I-564, I-264, I-64 and Route 44 to be Monday - Friday 6:00am – 8:00am; 4:00pm – 6:00pm**

History of HOV Network



- **Jun 2008: U.S. Secretary of Transportation encouraged the conversion of HOV to HOT in response to Virginia Congressional request to return HOV lanes to general purpose lanes**
- **Oct 2016: CTB resolution authorized dynamic tolling of vehicles utilizing the HOV reversible lanes on I-64 from I-564 to I-264, 5:00 am to 9:00 am WB and 2:00 pm to 6:00 pm EB on weekdays for vehicles carrying less than two occupants (collectively, HOT Lanes-2 designation)**

Benefits of an Express Lane Network

- **Express Lanes provides choices for travelers**
 - Carpool, use of transit or pay toll for a fast reliable trip
 - Free option remains to use general purpose lanes
- **Reduces congestion in the general purpose lanes**
- **Express lanes move more people and maximize efficiency of highways**
- **Provides incentives for carpooling and transit**

Segment 1

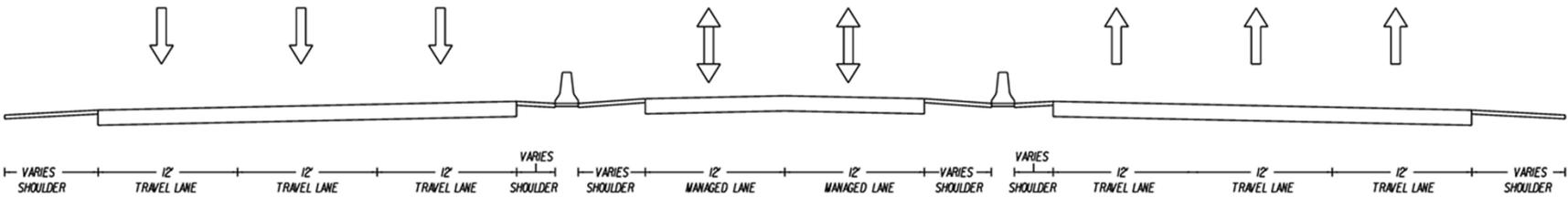
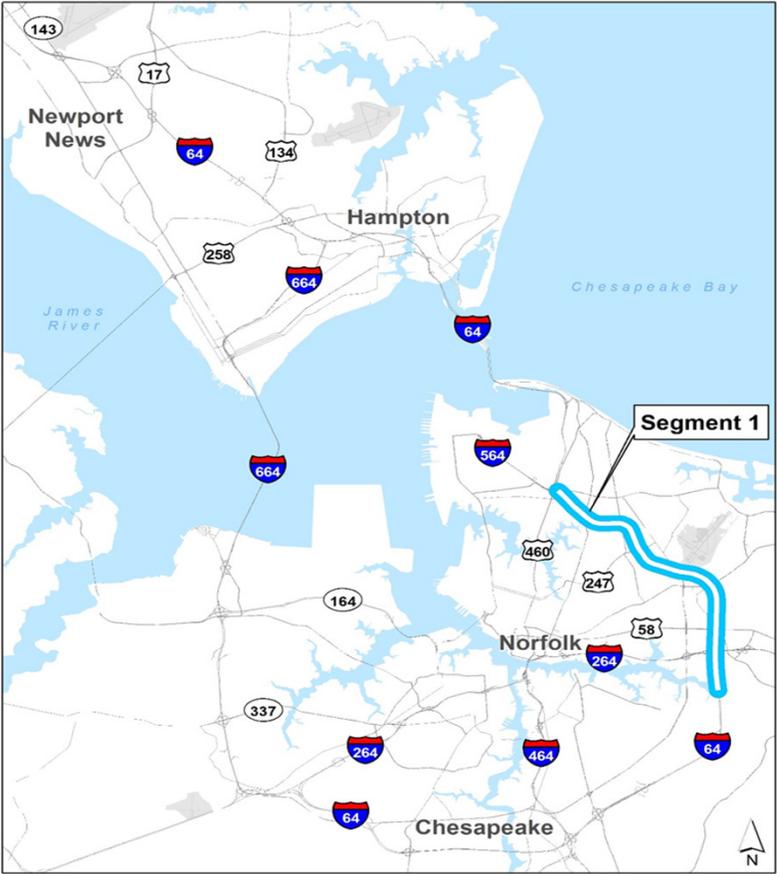
(I-64 from I-264 to I-564 - Reversible Lanes)

LEGEND

Approved

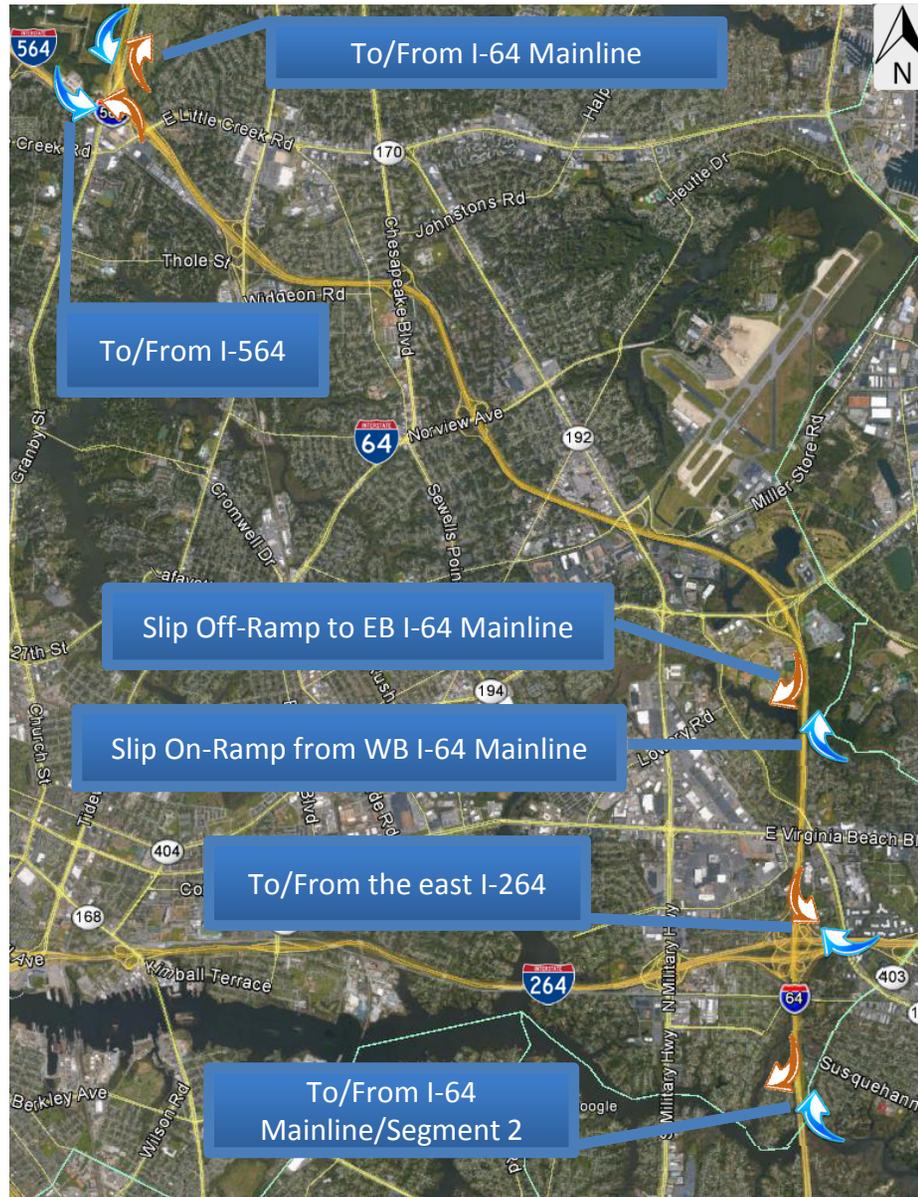


Segment 1



SEGMENT 1 - TYPICAL SECTION

Segment 1 (I-64 from I-264 to I-564 - Reversible Lanes)



-  Ingress Point
-  Egress Point

Segment 1

(I-64 from I-264 to I-564 - Reversible Lanes)

- **Jul 2016: Finalized I-64 HOV to HOT conversion feasibility study**
- **Oct 2016: CTB resolution authorized HOV to HOT-2 conversion, dynamic pricing, and extending operational hours**
- **Jun 2017: Toll Gantries Installed**
- **Sep 2017: Toll System Installation**
- **Sep-Nov 2017: Toll System Testing**
- **Dec 2017: Operational**

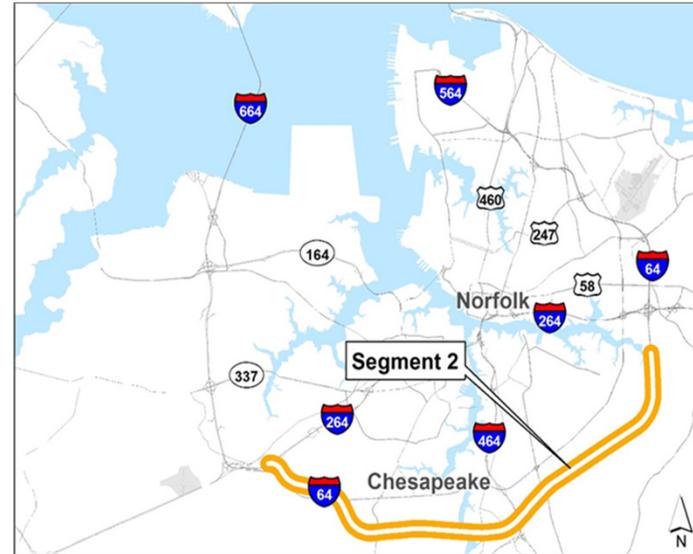
Public Outreach

- 64 Express Lanes web site: www.64ExpressLanes.org launched
- Ongoing: TWITTER messages to thousands of followers
- Jul 2017: Launched social media videos featuring Consumer Advocate Deputy Secretary Grindly Johnson
- Jul 2017: 64 Express Lanes “*More Travel Choices Ahead*” brochure distributed to email data bases of 1,500 individual names and business with a combined total reach of more than 120,000 people and employees
- Developing roll out of more detailed outreach program
- Focus on EZ Pass awareness and utilization

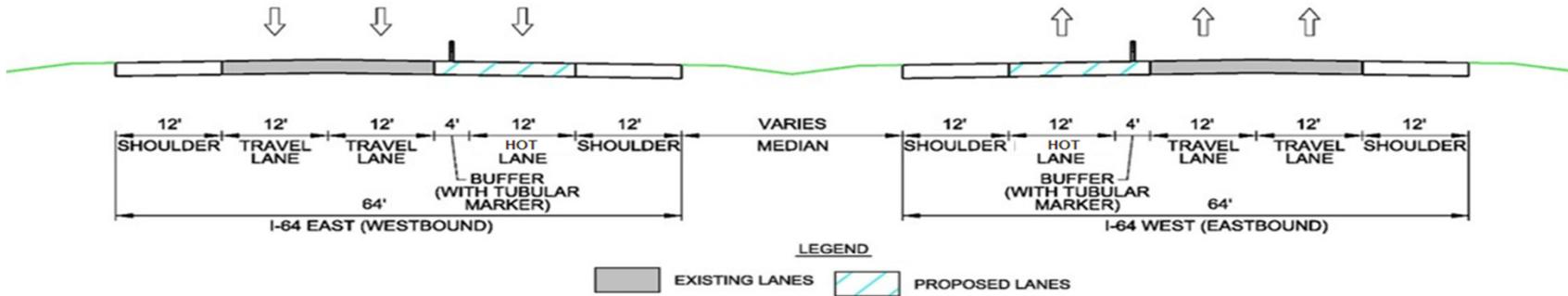
Segment 2

(I-64 from I-664/I-264 to I-264)

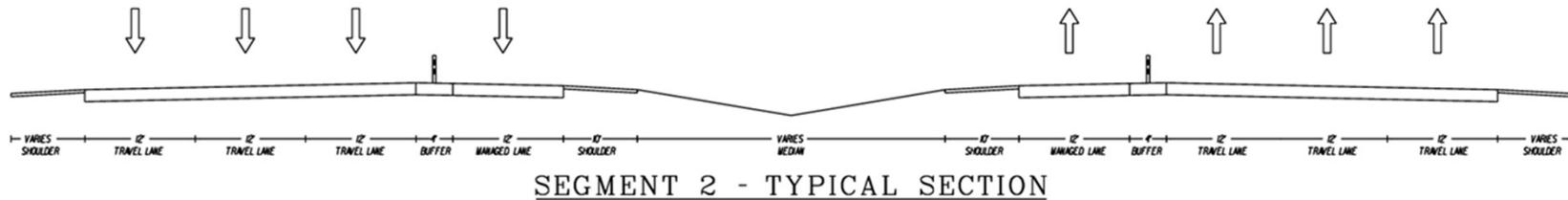
LEGEND
 Proposed
 Segment 2



- From I-664/I-264 to I-464 (new lanes)



- From I-464 to I-264 (existing conversion of HOV)



Segment 2 (I-64 from I-664/I-264 to I-264)



Ingress Point



Egress Point

Segment 2

(I-64 from I-664/I-264 to I-264)

- **October 2014: Environmental Assessment was approved by the Federal Highway Administration**
- **Mar 2015: As part of CTB resolution, CTB shall be briefed on and have the opportunity to determine the future management option(s) once additional studies and financial analyses have been concluded**
- **Sep 2016: CTB resolution authorized Commissioner of Highways to enter into a project agreement between VDOT and HRTAC for I-64 Southside Widening and High Rise Bridge Project – Phase I**
- **Jun 2017: Finalized I-64 HOV to HOT conversion feasibility study**

Segment 3

(I-64 from I-564 to I-664 including HRBT)

LEGEND

Proposed

 Segment 3



Segment 3

(I-64 from I-564 to I-664 including HRBT)

- Peninsula and Southside on land will carry 2 general purpose lanes + 1 Express Lane in each direction
- At a minimum, HRBT tunnel expansion will carry 2 general purpose lanes + 1 Express Lane
- Additional alternatives may be identified during procurement
- 2019: Award of HRBT construction contract
- 2024: HRBT Express lanes open to traffic

Segment 4 (I-64 from I-664 to Jefferson Avenue)

- **2018: Planning and Design**
 - This segment will be evaluated for HOV-HOT conversion along the full segment length
- **2024: If evaluation is determined to be feasible, the HOV-HOT conversion would be implemented to coincide with completion of the HRBT expansion**

Anticipated CTB Action:

VDOT recommends the CTB take the following actions:

- Designate the new capacity/lanes associated with the I-64 Southside Widening and High Rise Bridge Project (I-664 to I-464) as HOT-2 and authorize the use of dynamic tolling to adjust tolls based on real-time traffic conditions
- Convert I-64 HOV-2 (I-464 to I-264) to HOT-2 and authorize the use of dynamic tolling
- Designate the operational hours of the new I-64 HOT lanes (I-664 to I-264) to be 24 hours - 7 days a week
- Authorize VDOT the use of the Toll Facility Revolving Account funds for initial startup costs for I-264 to I-464



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