

HREL

**HAMPTON
ROADS
EXPRESS
LANES**

N E T W O R K





Hampton Roads Express Lanes

Tim Haynam, Hampton Roads District PMO Section Manager

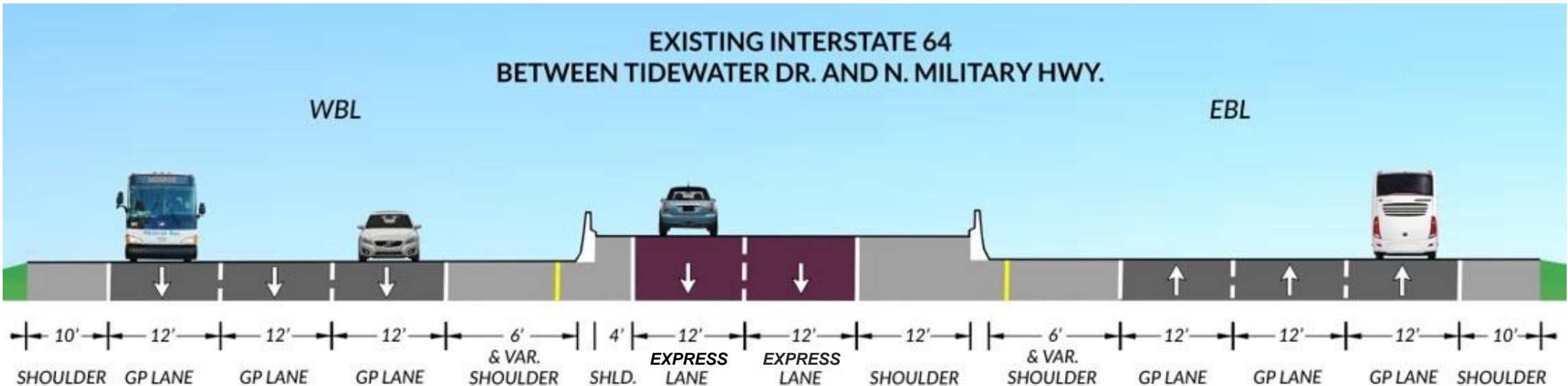
HREL Projects Location Map



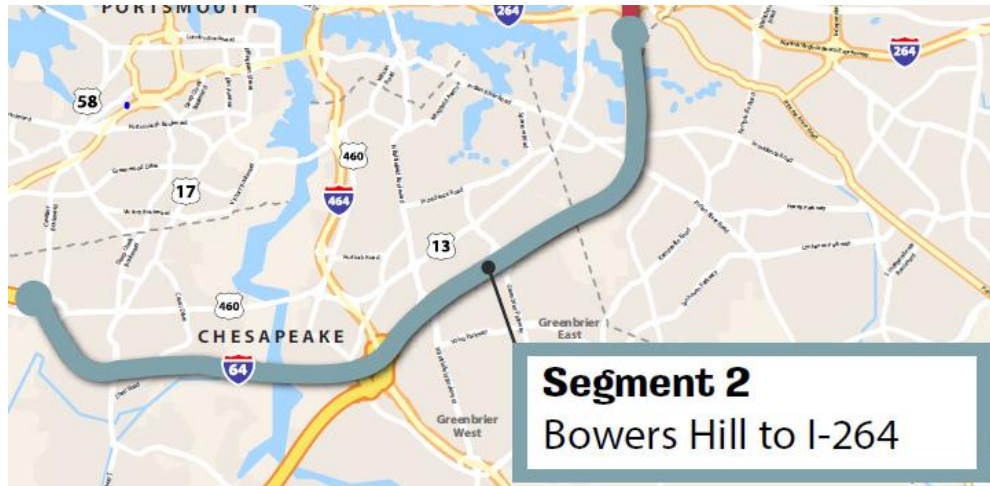
HREL Projects - Existing



Existing Express Lanes in Norfolk consists of reversible lanes from the I-64/I-264 interchange to the I-64/I-564 interchange



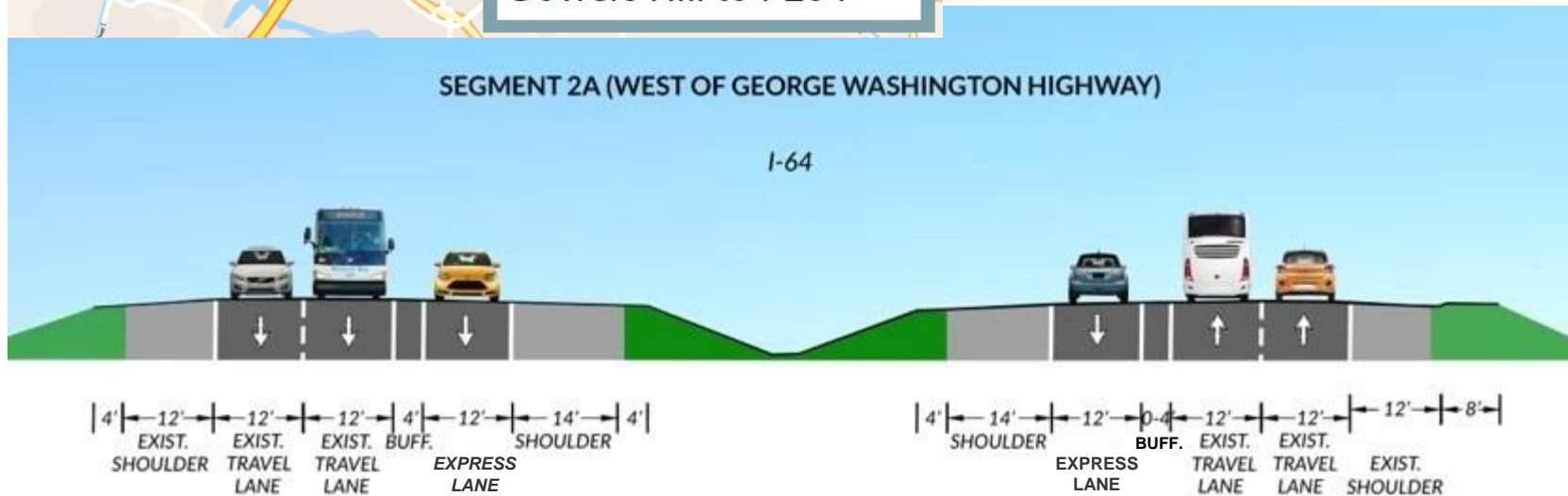
Hampton Roads Express Lanes – Under Construction



Segment 2
Bowers Hill to I-264

Segment 2a (High Rise Bridge)

- **Description:** Constructing 9 miles of Express Lane from Bowers Hill to I-64/I-464 interchange with the capacity to add an additional Express Lane in the future
- Design Build Contract with GPC



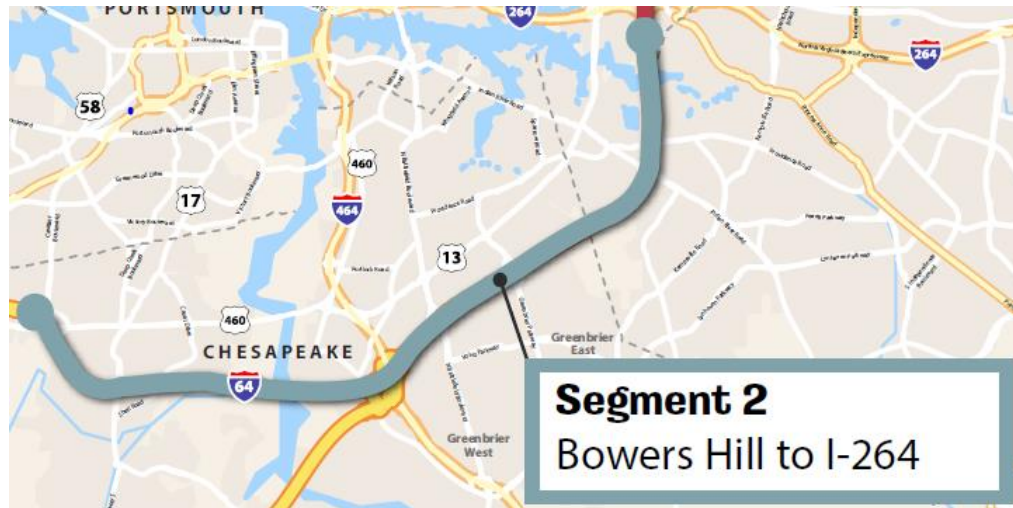
Schedule (Currently under construction)

- Complete Construction – December 2022

Estimate (2020 dollars)

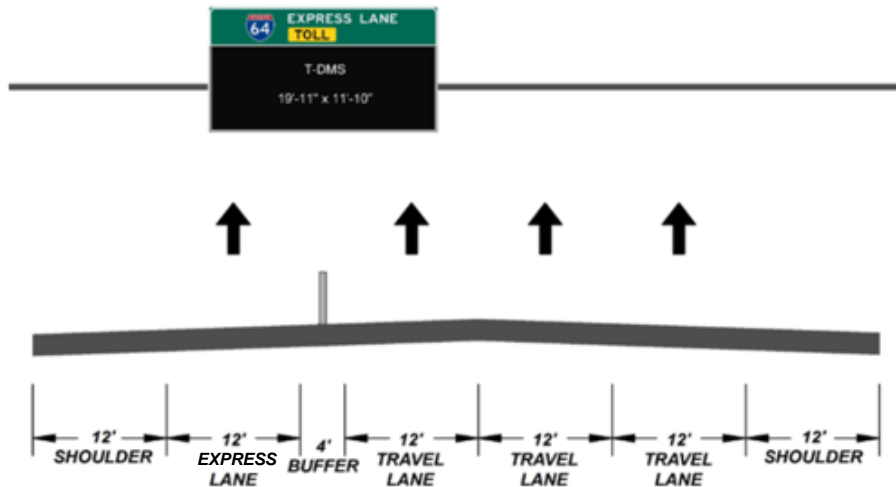
- Contract Award: \$429M

Hampton Roads Express Lanes – Under Construction



Segment 2b (Greenbrier)

- Description: Converting 7.65 miles of existing HOV lane into Express Lane in each direction from I-64/464 interchange to I-64/264 interchange
- Design Bid Build Contract W/ Aldridge Electrical
- Current Contract Value: \$19.18M
- Fixed Completion Date: September 22, 2022



Schedule (Currently under construction)

- Complete Construction – September 2022

Estimate (2020 dollars)

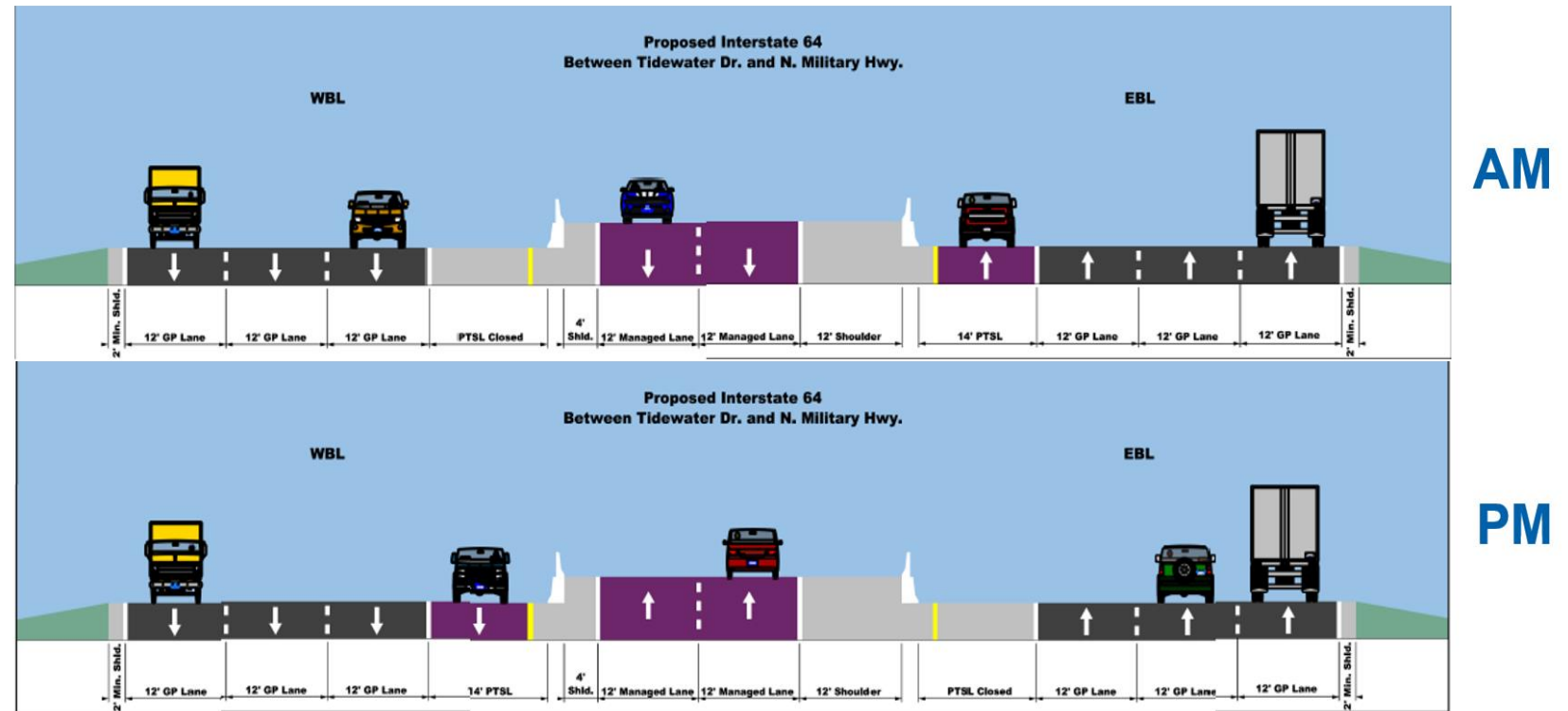
- Contract Award: \$19.18M

Hampton Roads Express Lanes – Currently in Design

Segment 1
I-264 to I-564



Description: Converting 9 miles of existing GP shoulder into Express Part Time Shoulder Lane (PTSL) in each direction



AM

PM

Hampton Roads Express Lanes – Currently in Design

Segment 1

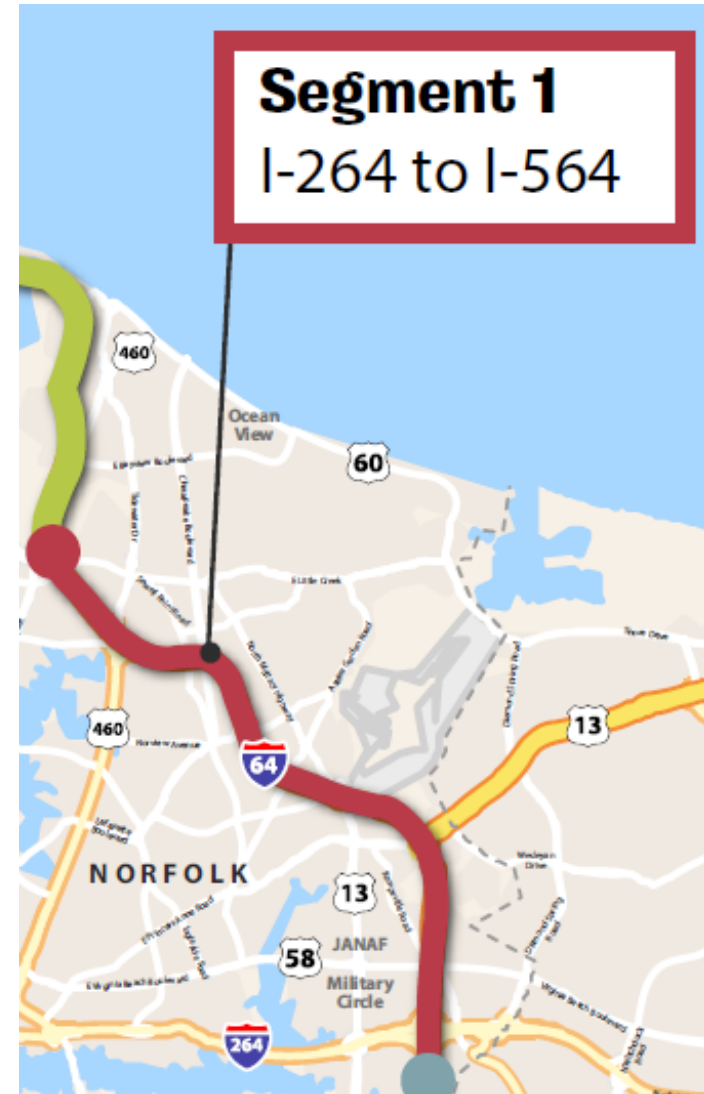
I-264 to I-564

Contracting Method:

- Design Build

Major Work Items:

- Noise walls
- 4 bridge replacements (EB/WB Tidewater Drive, EB/WB Chesapeake Boulevard)
- 9 miles of shoulder rehabilitation/strengthening in each direction
- Roadway widening in spot locations to maintain minimum shoulder width
- Right of way acquisition in spot locations
- Tolling gantries
- Overhead signing



Hampton Roads Express Lanes – Currently in Design

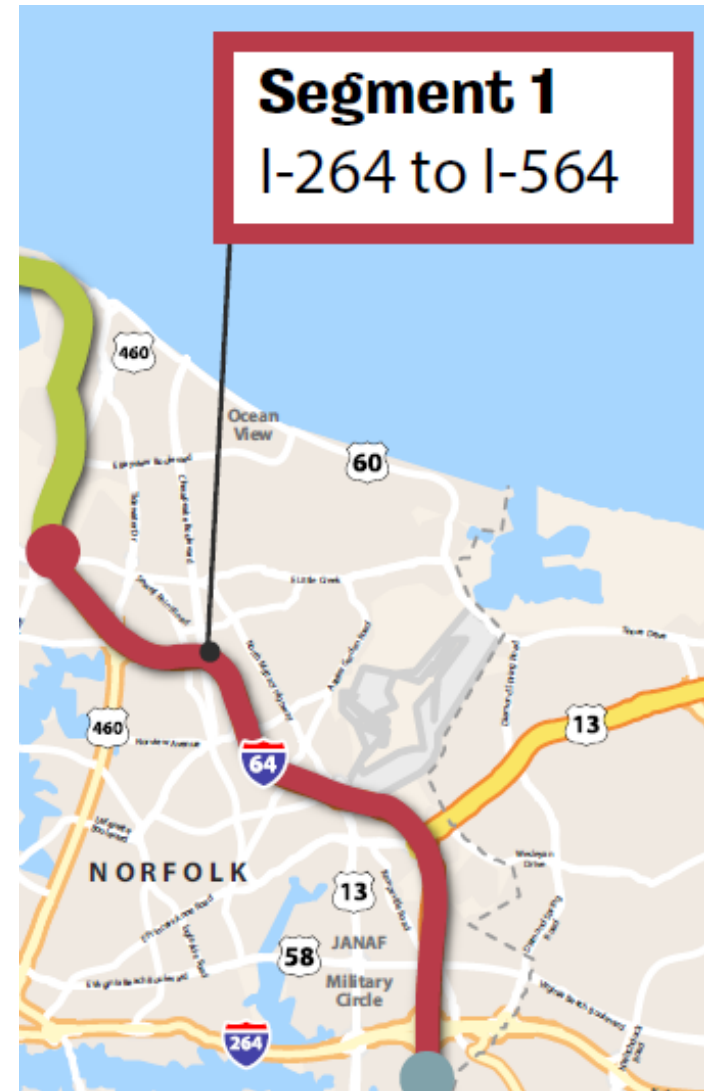
Segment 1 I-264 to I-564

Schedule

- Request For Qualifications September 2021
- Public Hearing October 2021
- Request For Proposals January 2022
- Notice To Proceed August 2022
- Fixed Completion Date December 2025

Estimate (PE, RW & CN)

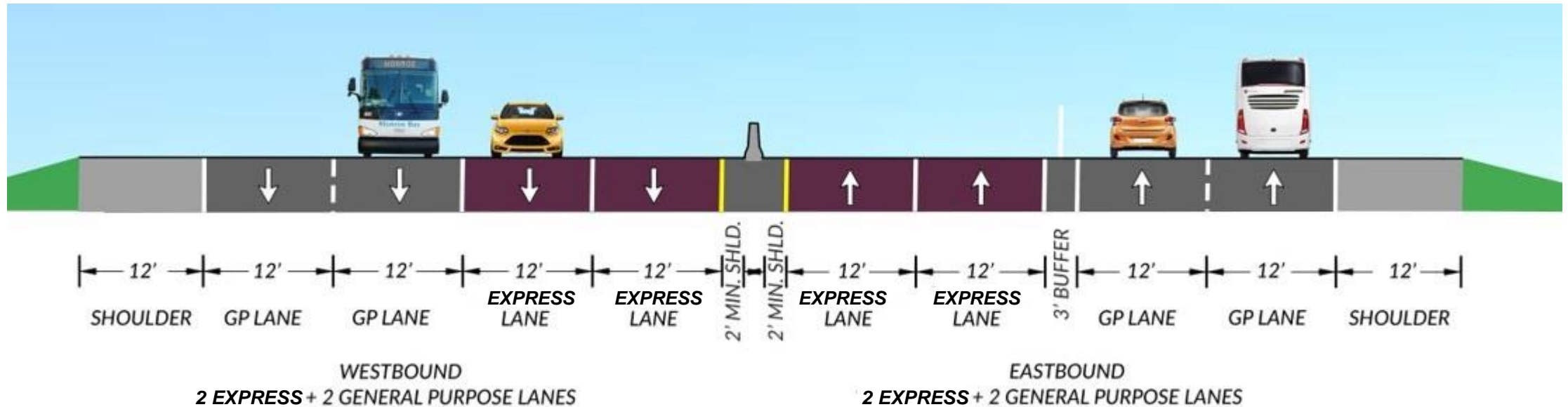
- \$192 Million



Hampton Roads Express Lanes – Currently in Design



Description: Constructing an Express lane and converting a GP Lane to an Express Lane in each direction for 2.5 miles from LaSalle Avenue to Settlers Landing Road



Hampton Roads Express Lanes – Currently in Design

Major Work Items:

- 2 bridge replacements (EB Hampton River)
- 3 bridge widening/rehabilitations (WB Hampton River, EB/WB King Street, EB/WB Settlers Landing Road)
- 1 bridge rehabilitation (EB/WB Riprap Road)
- 2.5 miles of EB and WB roadway widening
- Right of way acquisition
- Tolling gantries, Overhead signing
- Noise walls

Contracting Method:

- Design Build



Hampton Roads Express Lanes – Currently in Design

Schedule:

- Request For Qualifications April 2021
- Public Hearing September 2021
- Request For Proposals November 2021
- Notice To Proceed May 2022
- Fixed Completion Date December 2025

Estimate (PE, RW & CN)

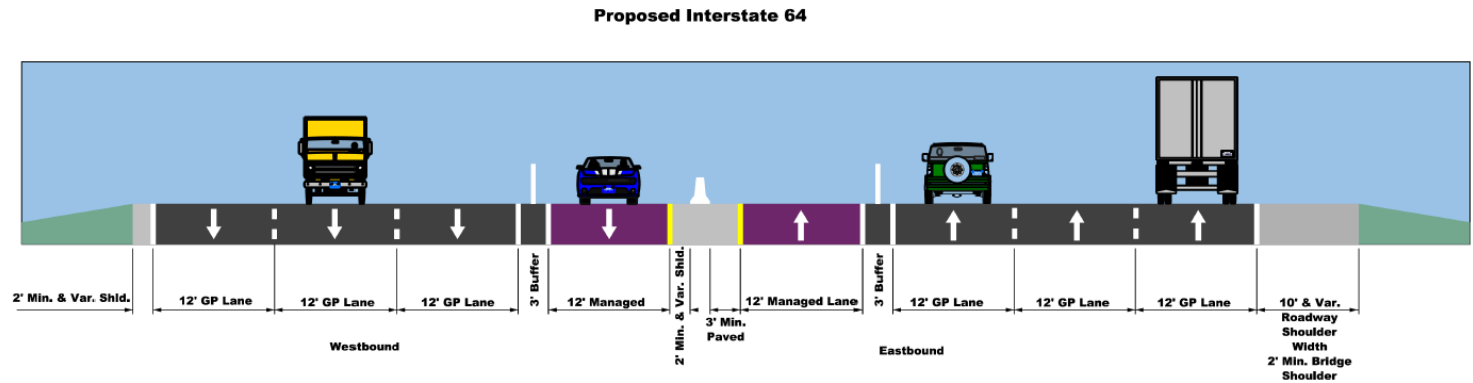
- \$430 Million



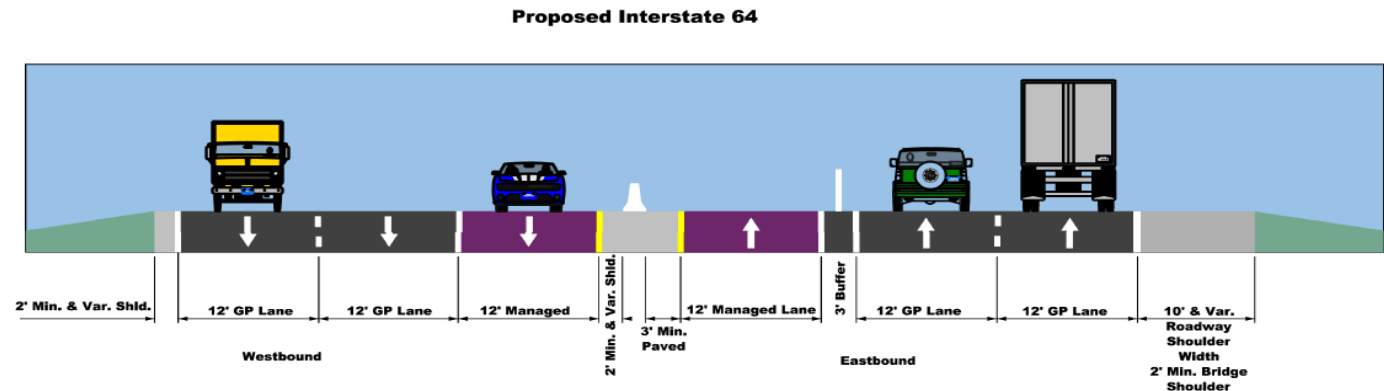
Hampton Roads Express Lanes – Currently in Design



Description 4A: Converting 10.5 miles of existing HOV lane into Express lane in each direction



Description 4B: Converting 1 mile of GP Lane to Express Lanes widening to create an EBL buffer from I-664 to LaSalle Avenue



Hampton Roads Express Lanes – Currently in Design



Major Work Items:

- Overhead signing
- 1 bridge replacement (EB LaSalle Avenue)
- 1 mile of roadway widening to add buffer between Express and General Purpose, and maintain minimum shoulder width
- Right of way acquisition
- Tolling gantries

Contracting Method:

- Design Bid Build

Hampton Roads Express Lanes – Currently in Design



Schedule:

- Public Hearing October 2021
- Advertisement May 2023
- Notice To Proceed August 2023
- Fixed Completion Date December 2025

Estimate (PE, RW & CN)

- \$156 Million

Benefits of an Express Lanes network

- **Travel Options:** The Express Lanes will provide single occupancy vehicle (SOV) motorists with the option of paying for a congestion free, dependable, and faster trip
- **Reduced Congestion:** The Express Lanes will improve the travel conditions facility wide, including the general-purpose lanes
- **Incentivize Public Transit and Carpooling:** The Express Lanes will also provide a congestion free, dependable, and faster trip for free to travelers opting to take public transit or ridesharing rather than driving alone

Benefits of an Express Lanes network

- Efficient Use of Existing HOV Lanes: The Express Lanes will improve the efficiency of existing HOV lanes by filling “excess capacity” that would not otherwise be used while maintaining reliable travel times

Express Lanes Network Operations

- HOV 2+ and public transit vehicles may use the Express Lanes for free. SOV motorists can choose between the general purpose lanes or paying for premium conditions in the Express Lanes
- Motorists receive toll pricing via variable message signs, providing potential users with the information they need to decide whether to use the Express Lanes or the general purpose lanes
- Toll pricing is used to meter the number of SOV (toll paying vehicles) in the Express Lanes so it does not become congested

Express Lanes Network Operations

- Tolls will vary in real time (dynamic pricing) according to the level of congestion
- The Express Lanes will operate 24 hours a day, 7 days a week
- E-ZPass and E-ZPass Flex is the way to pay tolls. Single Occupancy Vehicles (SOV) can use E-ZPass, while HOV 2+ should use E-ZPass Flex to travel toll free in the Express Lanes

Next Steps

- Public involvement meetings will continue with HRTAC scheduled for March 2021; and TTAC, CAO, and HRTPO scheduled for April 2021
- Segment 4c Public Hearing is scheduled for September 2021
- Segment 1 and Segment 4a/4b Public Hearings are scheduled for October 2021

Next Steps

- Project design will continue until projects are awarded in May 2022 for Segment 4c; in July 2022 for Segment 1; and in May 2023 for Segment 4a/4b
- Project construction will begin as soon as the projects are awarded and will continue until December 2025 when the Express Lanes network will be operational from Jefferson Avenue to Bowers Hill

Questions?

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