

HREL

**HAMPTON
ROADS
EXPRESS
LANES**

N E T W O R K



Hampton Roads Express Lane Network Update

Chris Hall, Hampton Roads District Engineer

Hampton Roads Express Lane Network Phased Delivery

HRELN is a high occupancy toll network (HOT 2), contiguous and in each traffic direction on I-64 from Jefferson Avenue Interchange in Newport News to the I-64, I-264 and I-664 Bowers Hill Interchange in Chesapeake. It is divided into four segments and will be delivered in two phases:

Existing: Segment 1 (two HOT reversible lanes)

Phase I (Under Construction)

Segment 2 - under construction & fully funded (one HOT lane in each direction, completion Fall 2022)

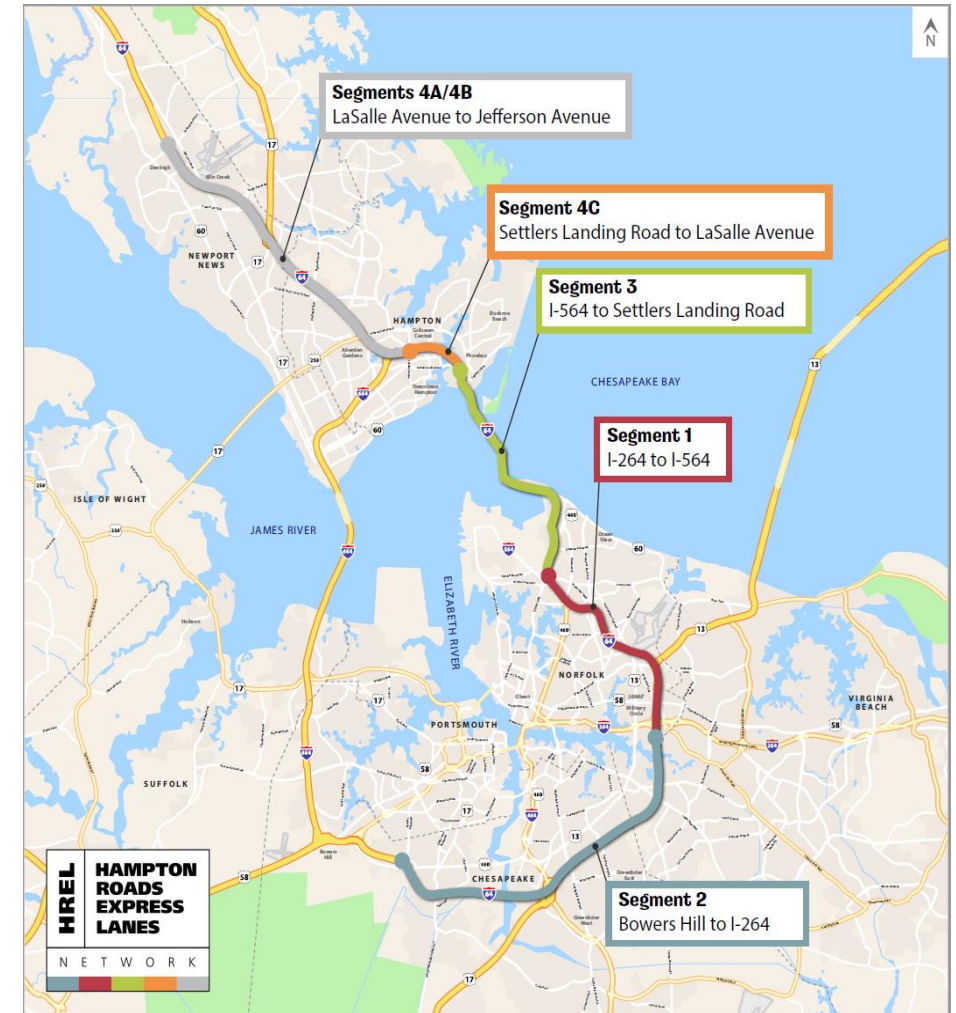
Segment 3 - (HRBT Expansion Project) – additional capacity under construction

Phase II (Currently in Preliminary Design) - Targeting Dec 2025 Operational)

Segment 1 – completes modifications to 564 interchange to facilitate 2 lane HOT2 WB transition and provides single bi-directional HOT2 part time shoulder lane to operate in concert with reversible lanes

Segment 4ab - constructs one HOT2 lane in each direction from Lasalle Ave to Mercury Blvd interchange and converts existing HOV lanes to HOT2 lanes in each direction from the Jefferson Ave interchange to the Mercury Blvd interchange

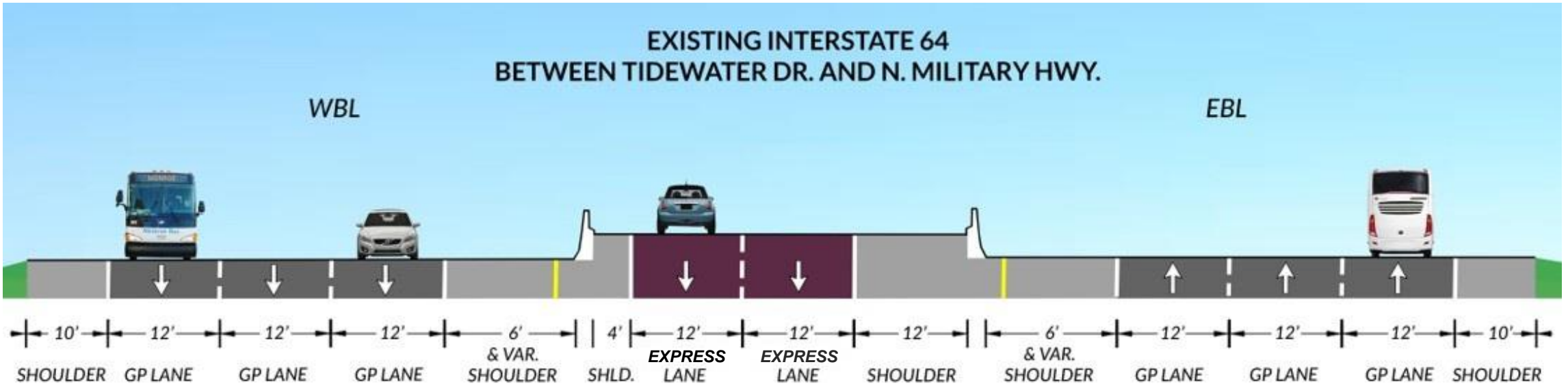
Segment 4c – provides 2 lane HOT2 entrance EB transition)



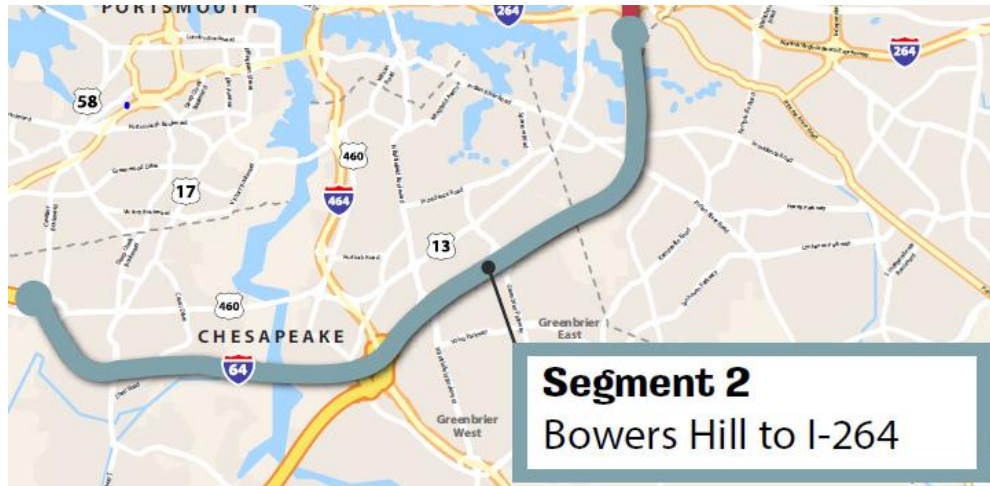
HREL Projects - Existing



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



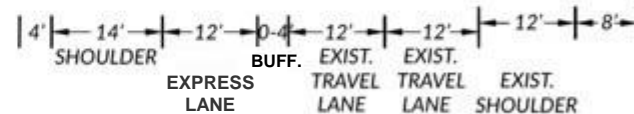
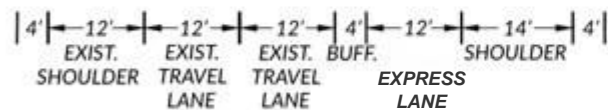
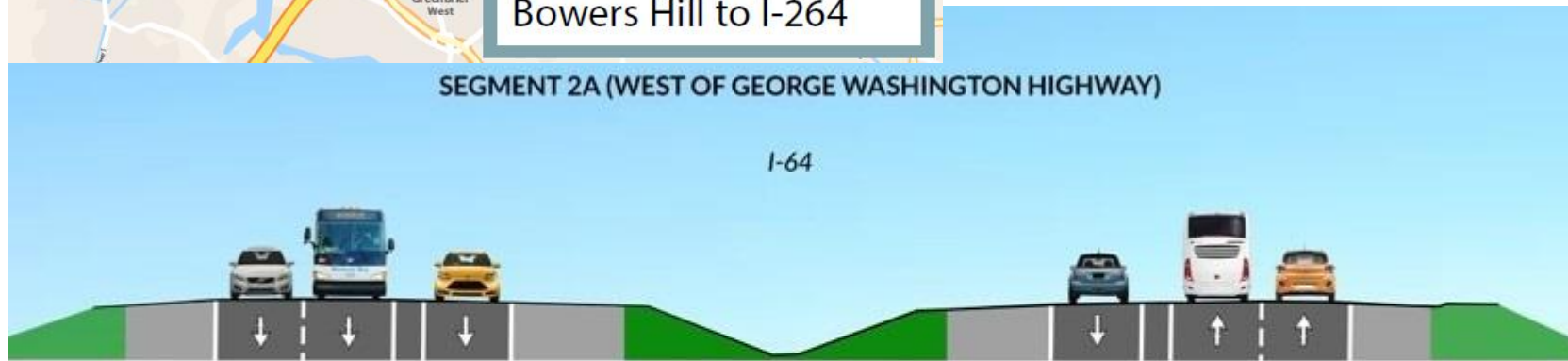
Hampton Roads Express Lanes – Phase I Under Construction



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



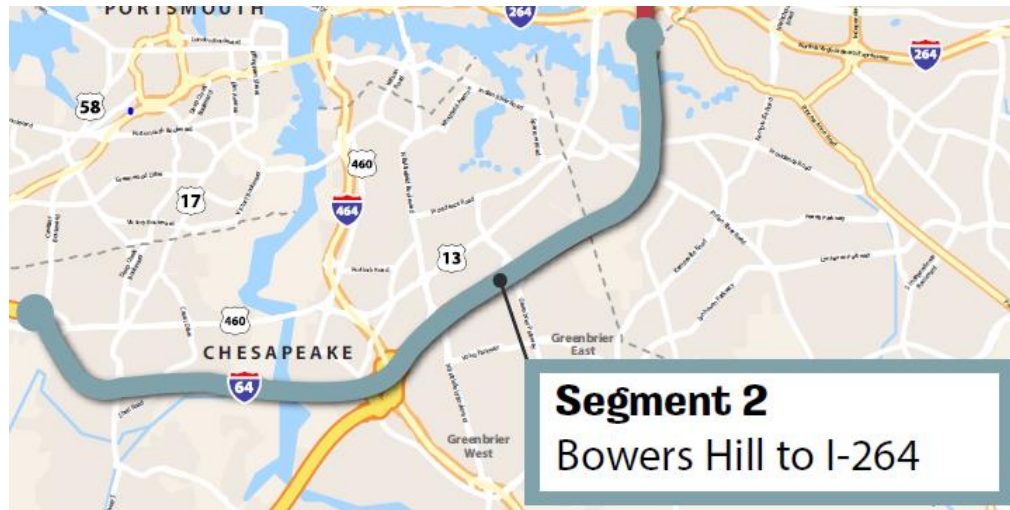
Schedule (Currently under construction)

- Complete Construction – December 2022

Estimate (2020 dollars)

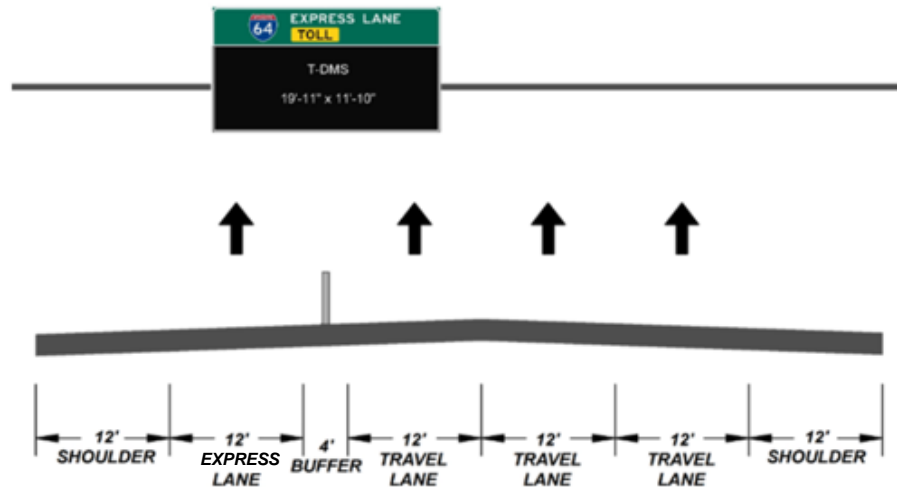
- Contract Award: \$429M

Hampton Roads Express Lanes – Phase I 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

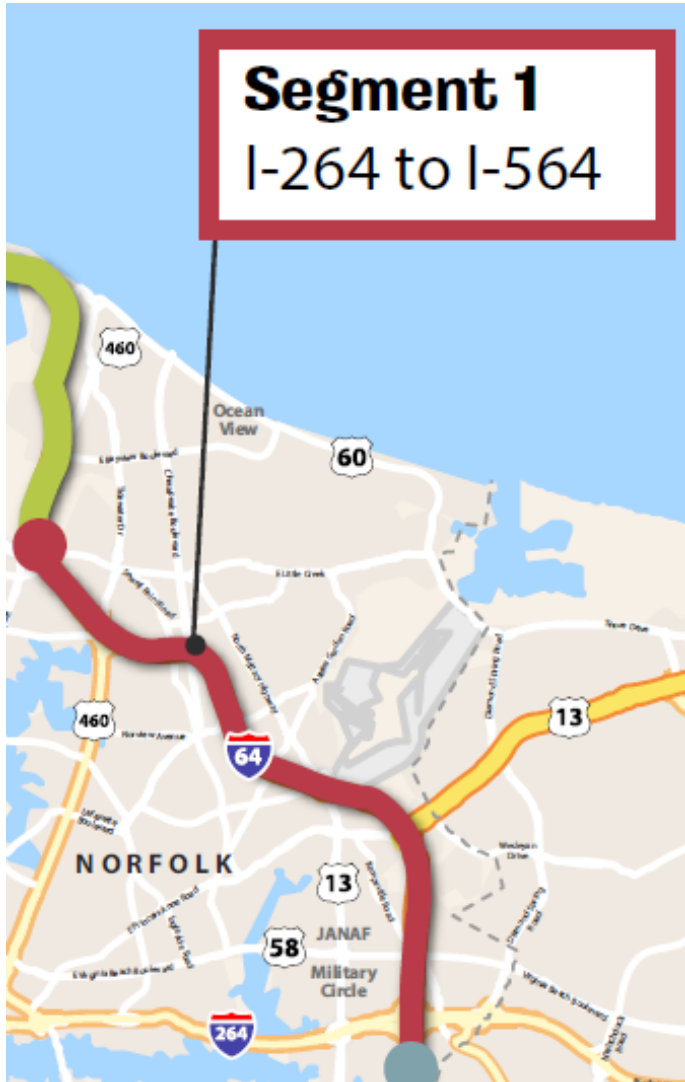
Estimate (2020 dollars)

- Contract Award: \$19.18M

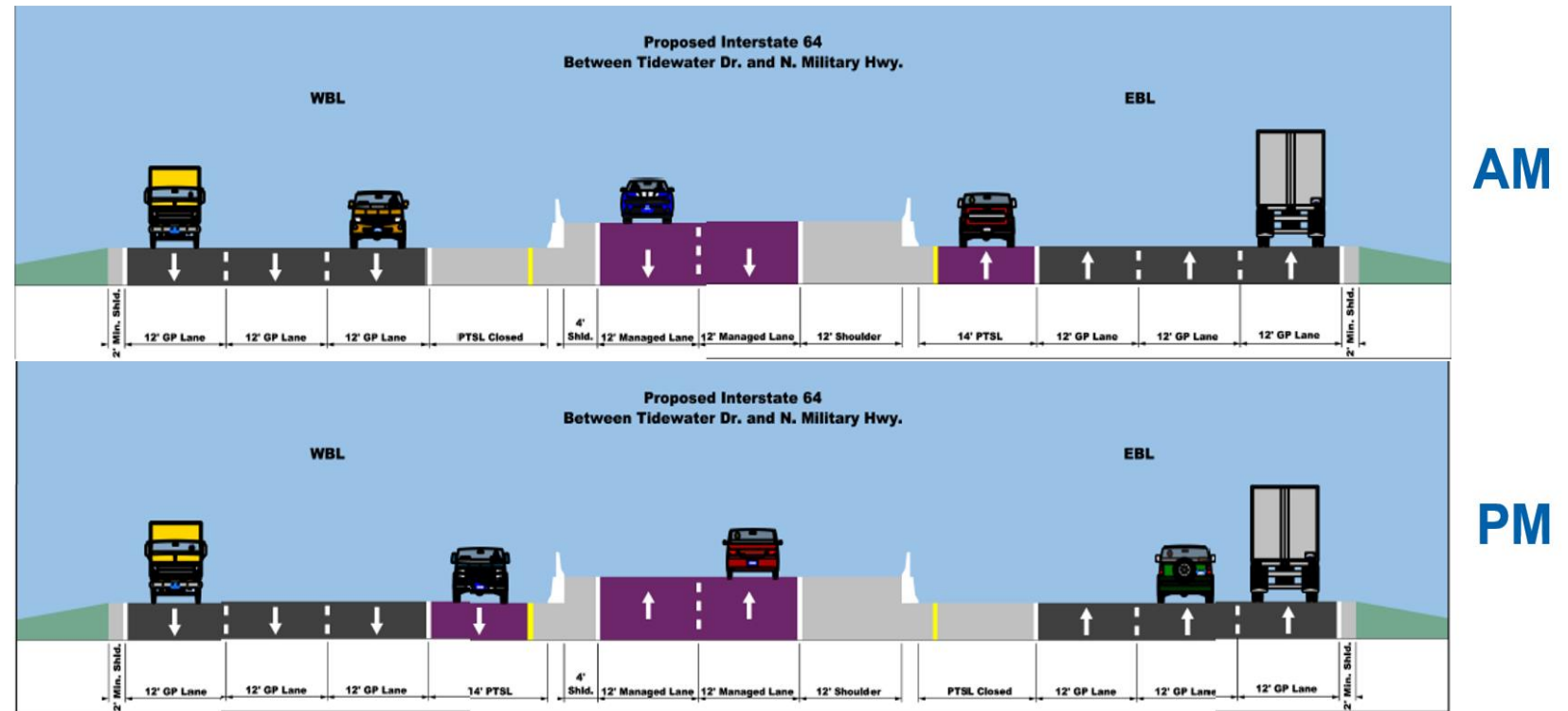
Hampton Roads Express Lanes – Phase II

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 – Phase II

Segment 1

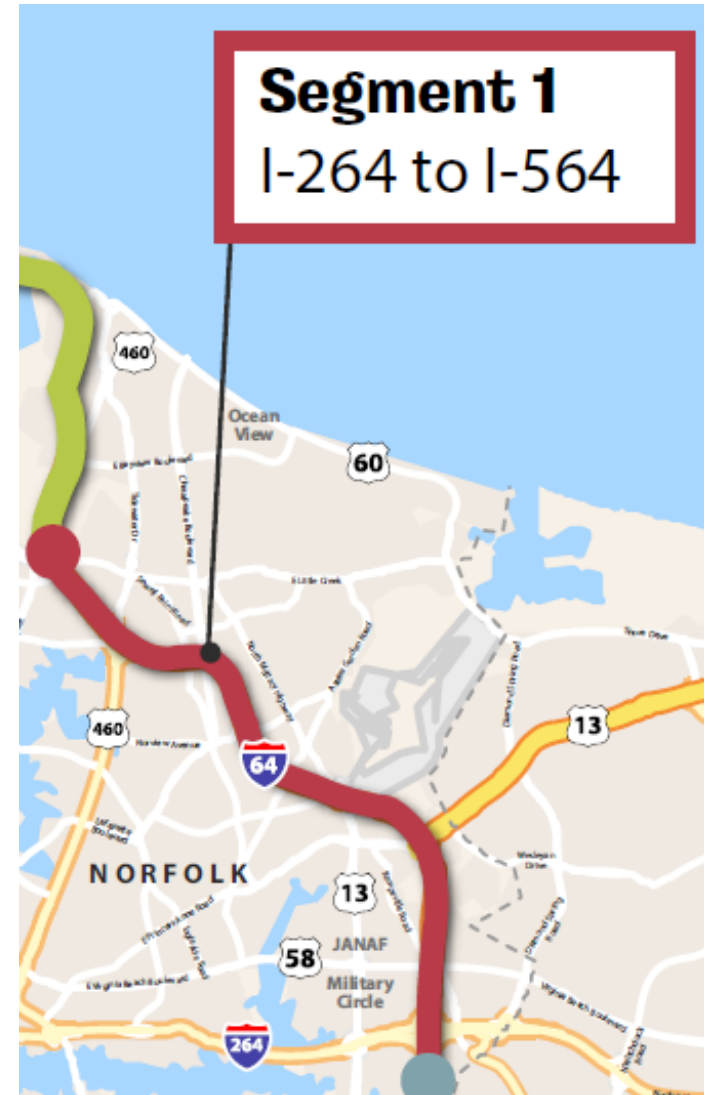
I-264 to I-564

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 – Phase II

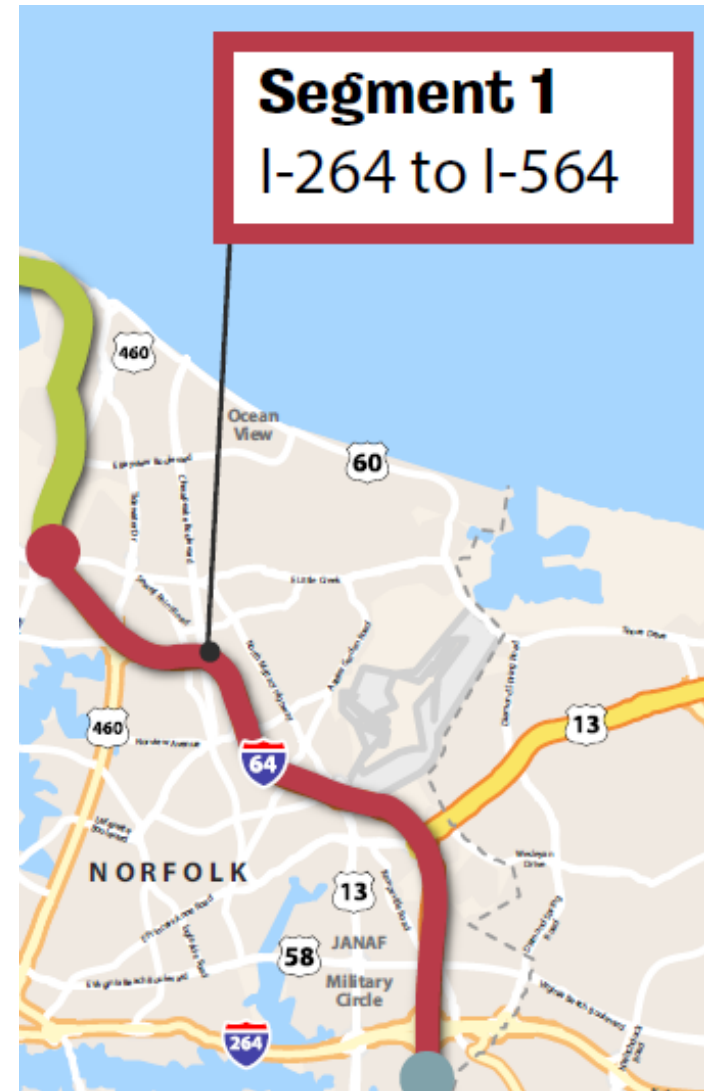
Segment 1 I-264 to I-564

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)

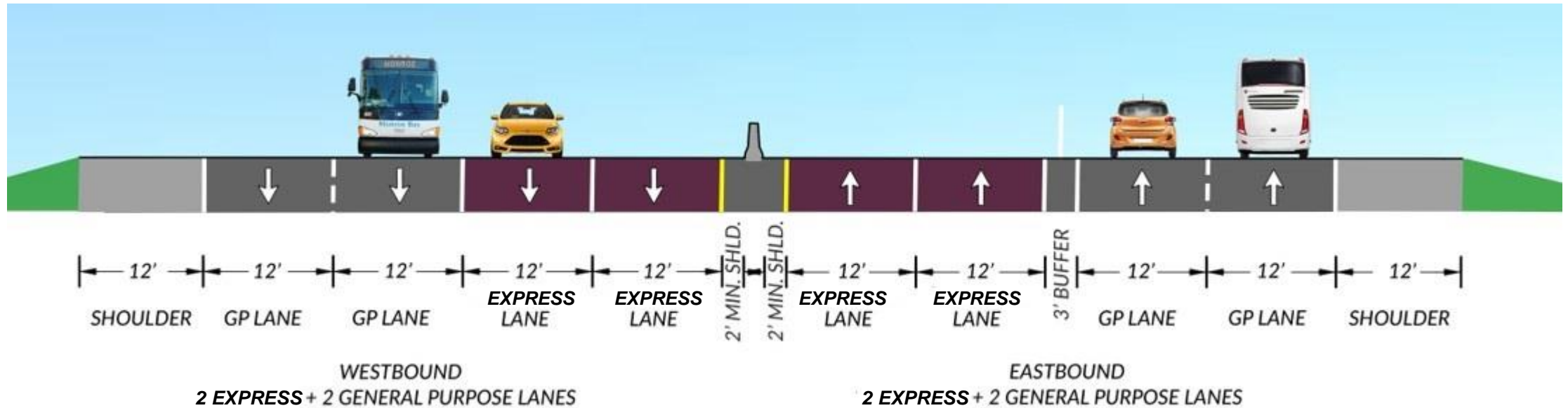
- \$192 Million



Hampton Roads Express Lanes – Phase II



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



Hampton Roads Express Lanes – Phase II

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 – Phase II

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)

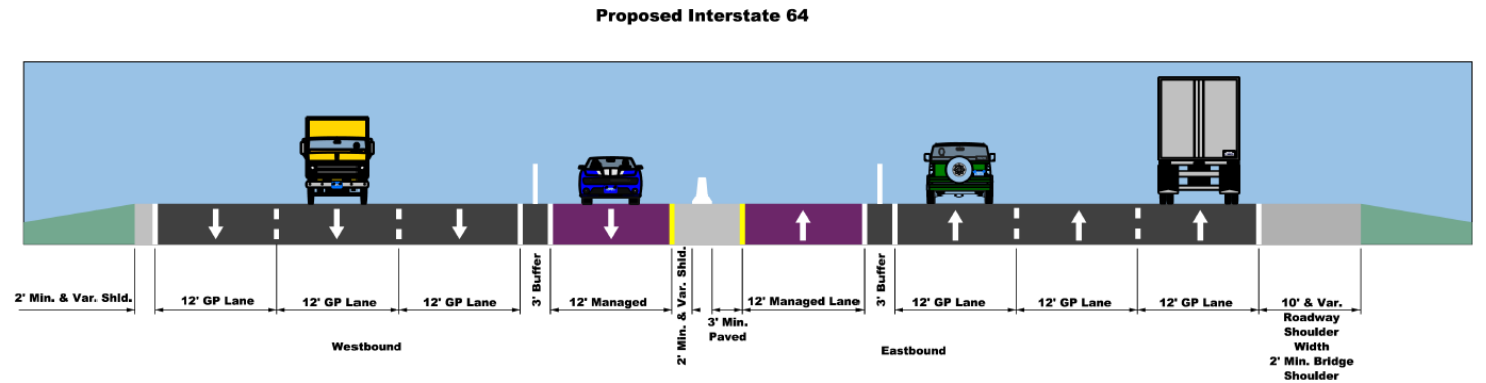
- \$430 Million



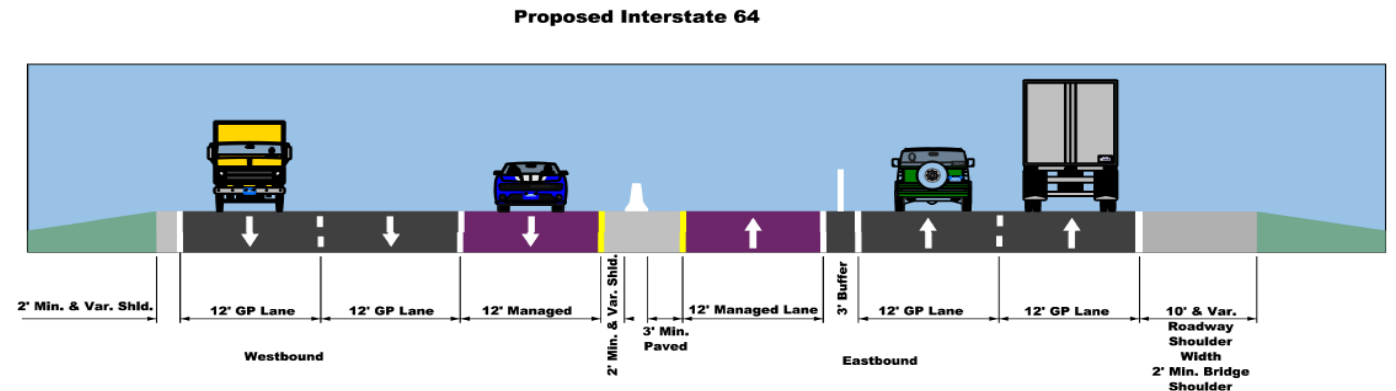
Hampton Roads Express Lanes – Phase II



Description 4A: From I-664 to Jefferson Avenue, converting 10.5 miles of existing HOV lane into an Express Lane in each direction



Description 4B: From LaSalle Avenue to I-664, converting 1 mile of GP lane into an Express Lane, and widening in EB direction to create a buffer



Hampton Roads Express Lanes – Phase II



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 – Phase II



Schedule:

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

Estimate (PE, RW & CN)

- \$156 Million

PM WB I-264 to HRBT Videos

AM EB I-664 to HRBT Video

Questions?

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