

HAMPTON ROADS REGIONAL NETWORK OPERATIONAL STUDY – PRELIMINARY RESULTS

Hampton City Council Meeting – Presentation

 Chris Hall, P.E. – VDOT District Engineer

October 23rd, 2019

Agenda

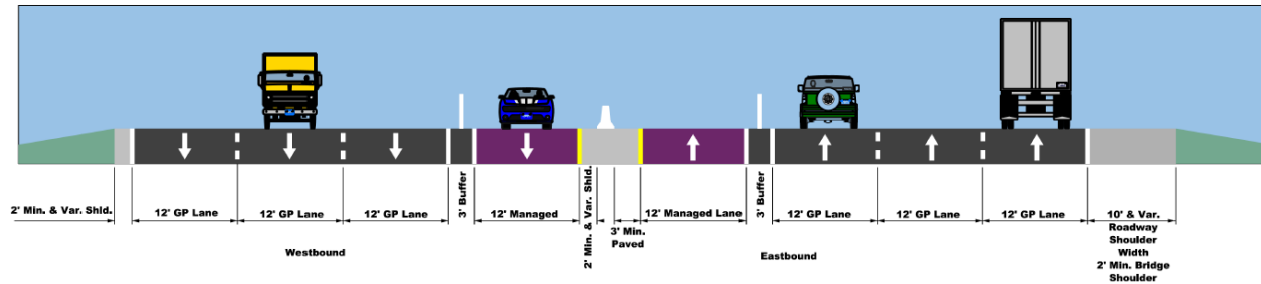
- 1) Proposed Scenario
- 2) Peak Period Performance
- 3) Hot Spot Locations
- 4) Next Steps

Proposed Scenario

Jefferson to LaSalle:

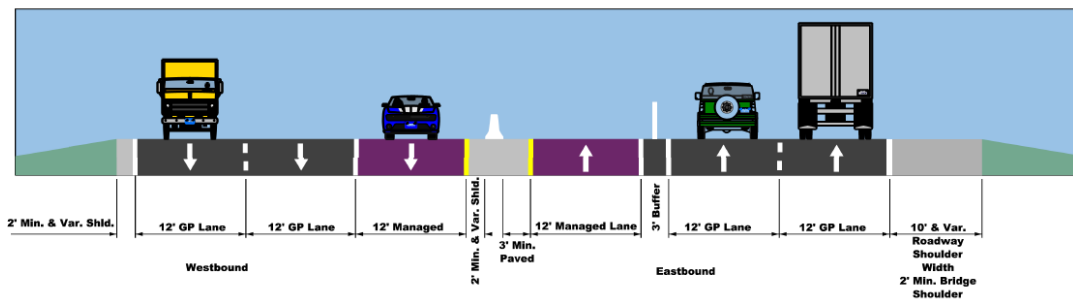
- Between Jefferson & Mercury – HOV2 to HOT2

Proposed Interstate 64



- Between Mercury & LaSalle – HOT2 (1 ML)

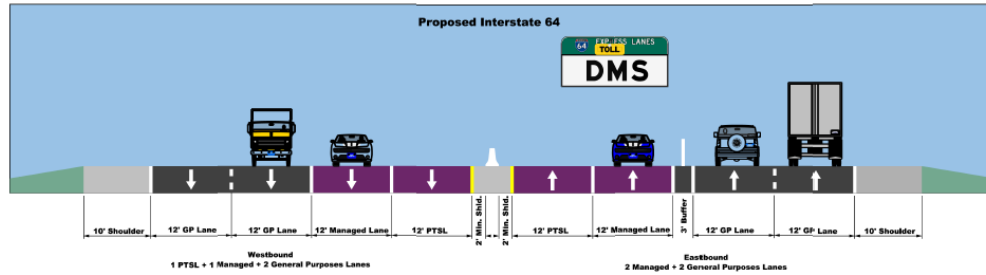
Proposed Interstate 64



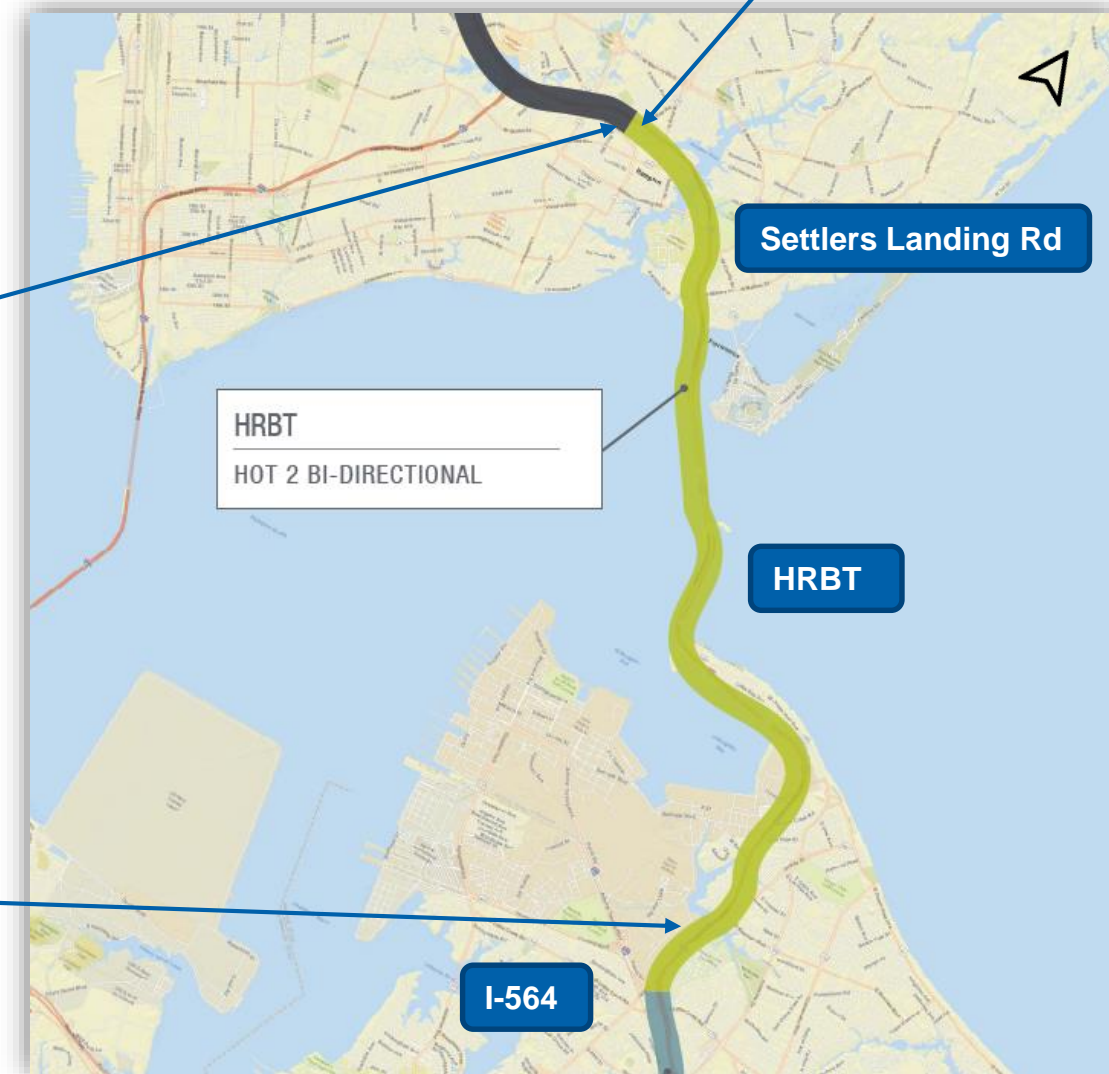
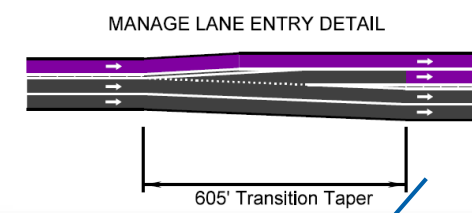
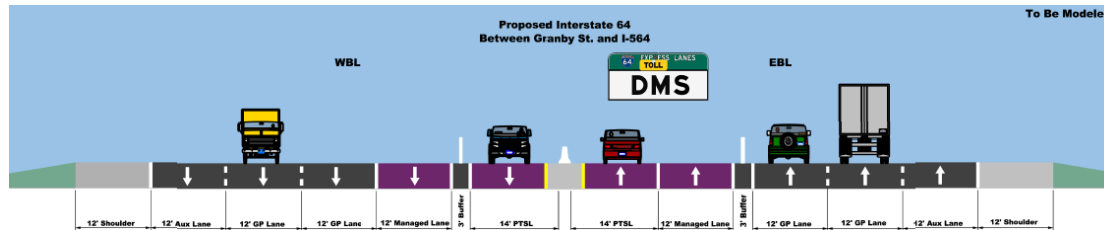
Proposed Scenario

HRBT:

- HOT3 to HOT2
- Shift Eastbound & Westbound Ingress/Egress from Settlers Landing Rd to LaSalle Ave (2 ML)



- Provide 2 lane Ingress/Egress along I-64 Eastbound (at LaSalle Ave) and I-64 Westbound (at Granby St)



Proposed Scenario

Between Hampton Roads Center Pkwy and Macgruder Blvd:



Proposed Scenario

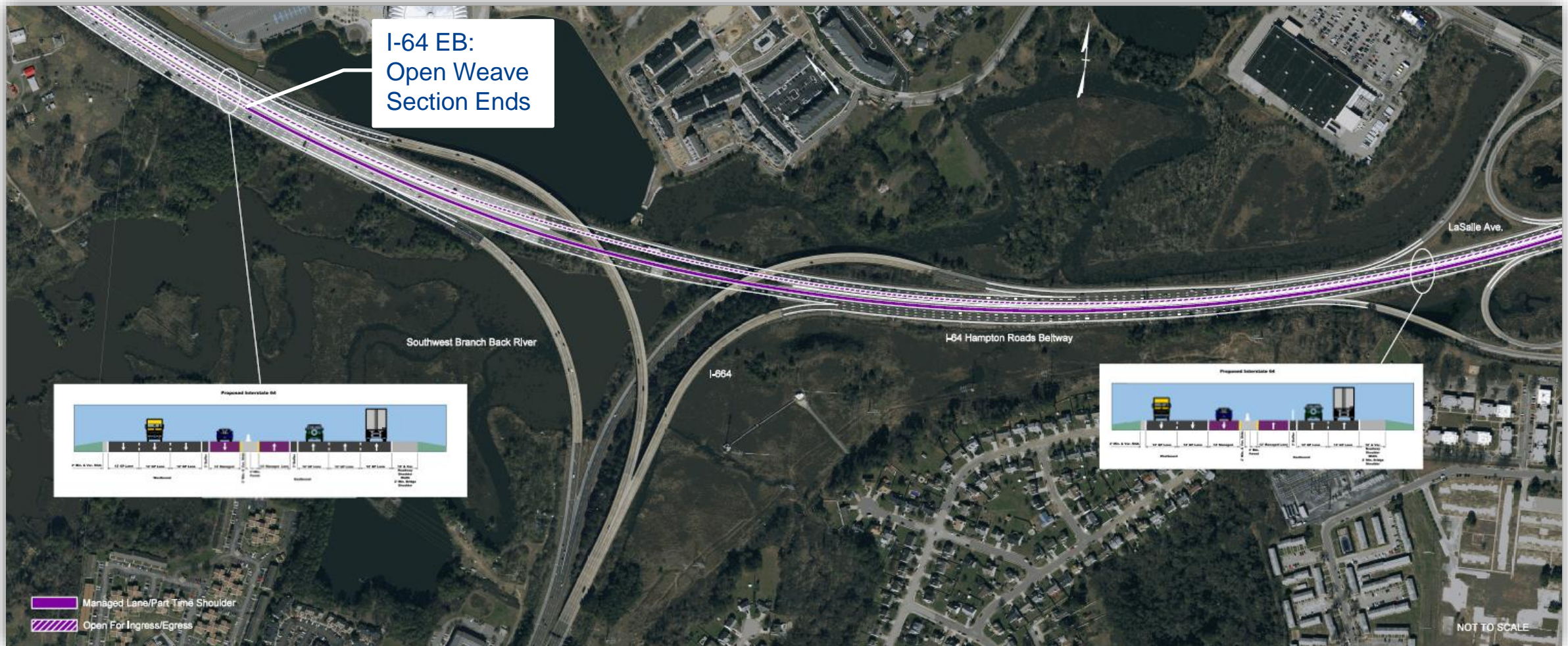
At Mercury Blvd:

I-64 WB: Open Weave Section Ends



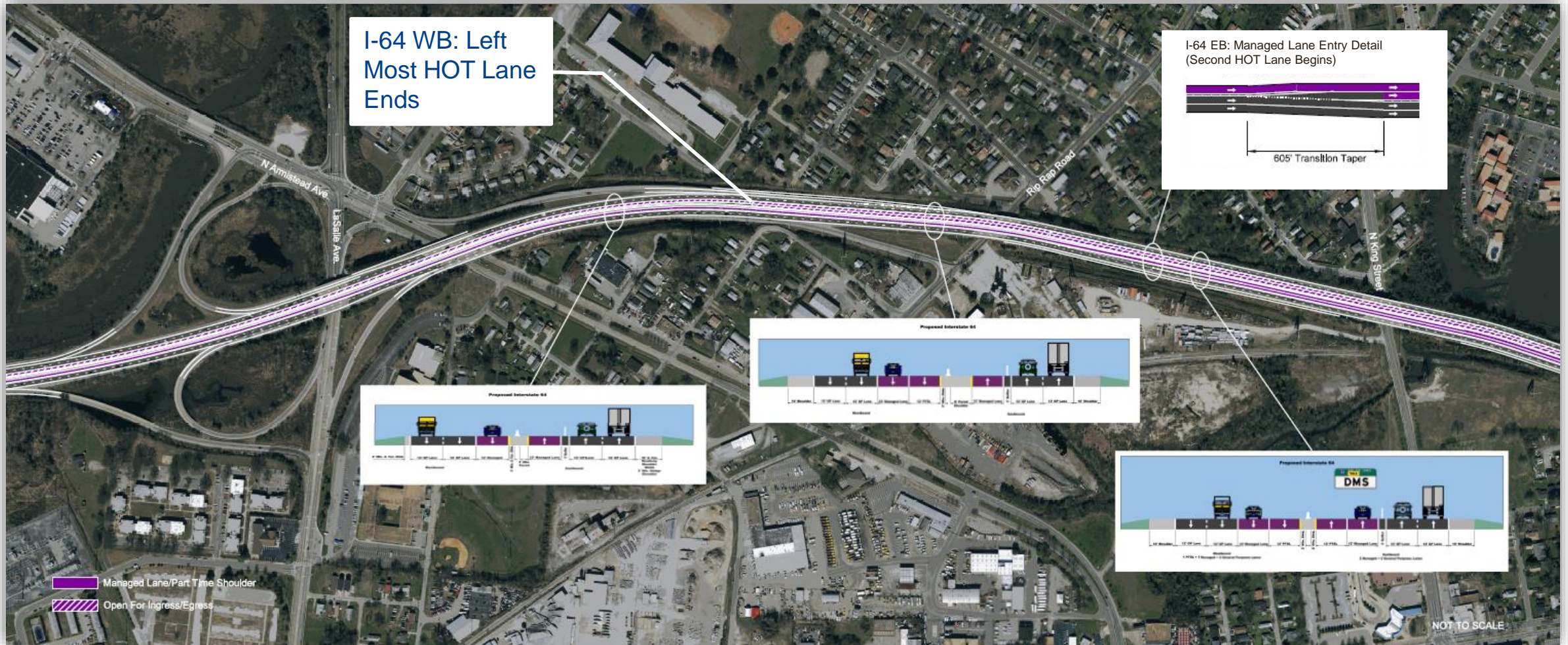
Proposed Scenario

Between Mercury Blvd and LaSalle Ave:



Proposed Scenario

Between LaSalle Ave and Settlers Landing Rd:



Proposed Scenario

Between LaSalle Ave and Settlers Landing Rd (continued):



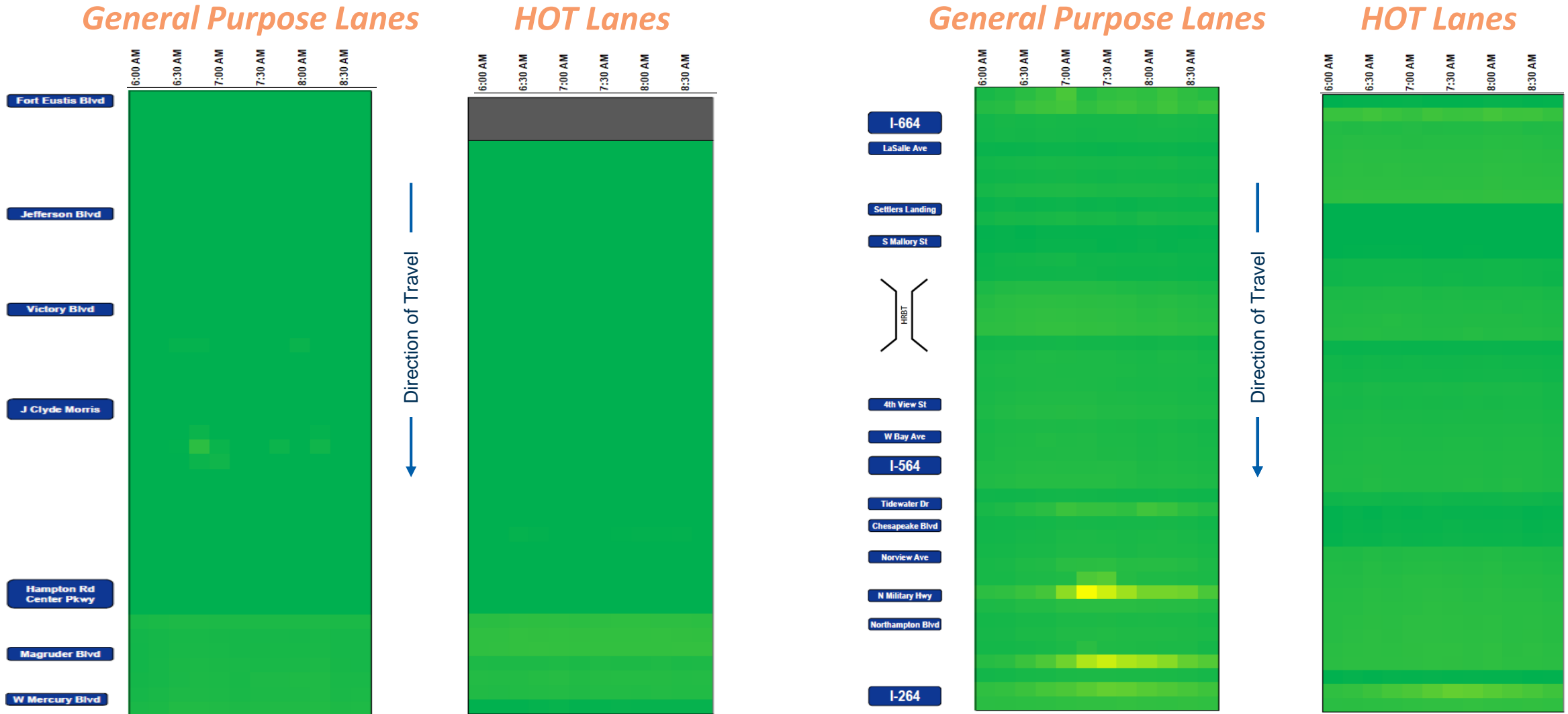
Proposed Scenario

Between Settlers Landing Rd and HRBT:



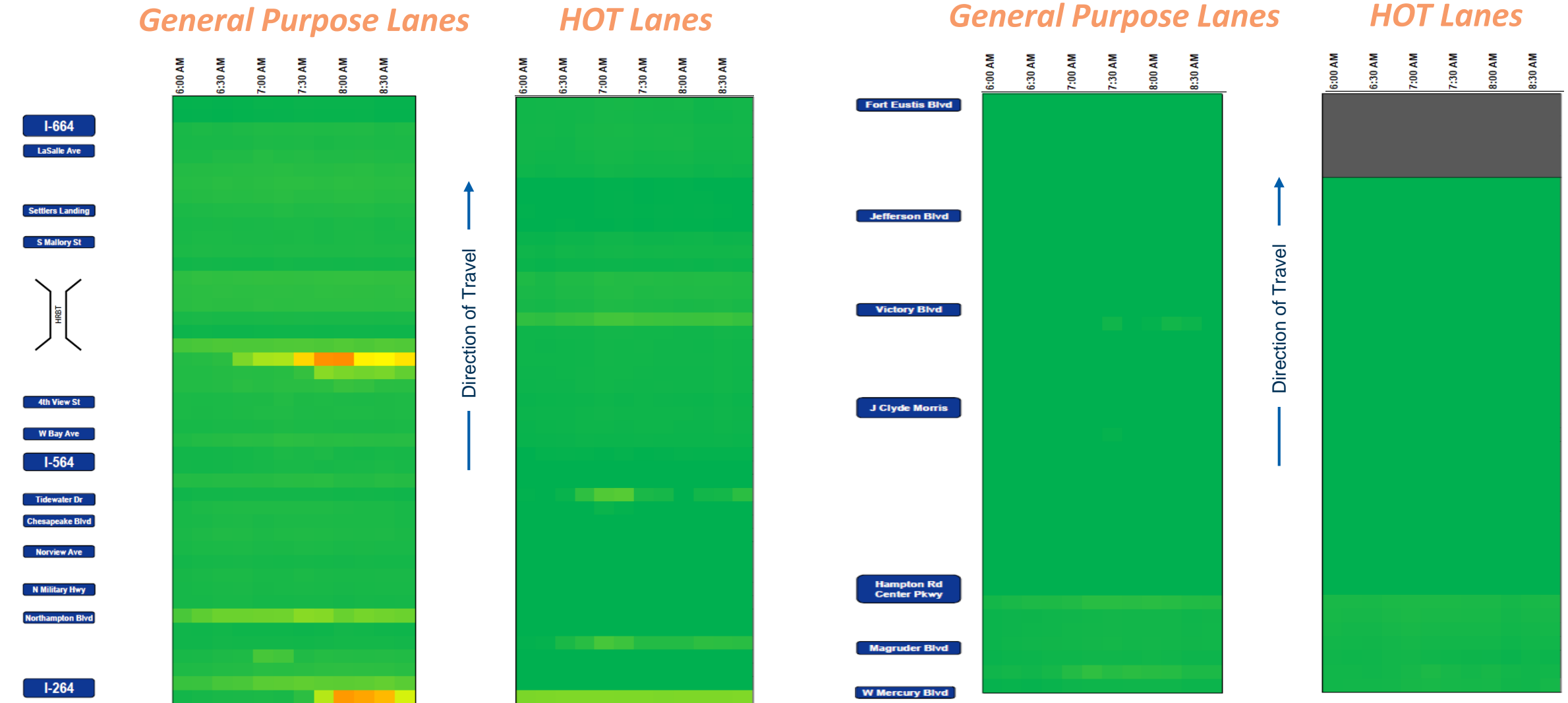
Operational Analysis Results: Proposed Scenario

Speed Comparison East Bound 2025 AM (Fort Eustis Blvd to I-264)



Operational Analysis Results: Proposed Scenario

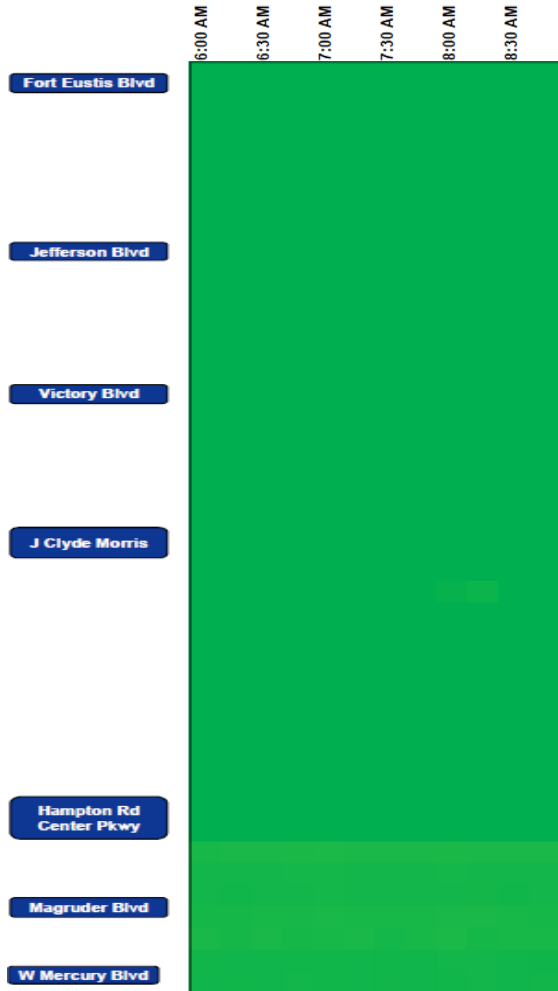
Speed Comparison West Bound 2025 AM (Dock Landing to I-664)



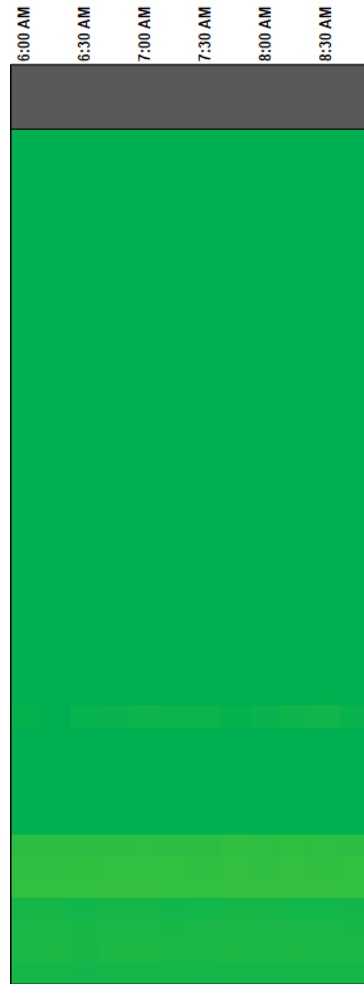
Operational Analysis Results: Proposed Scenario

Speed Comparison East Bound 2025 PM (Fort Eustis Blvd to I-264)

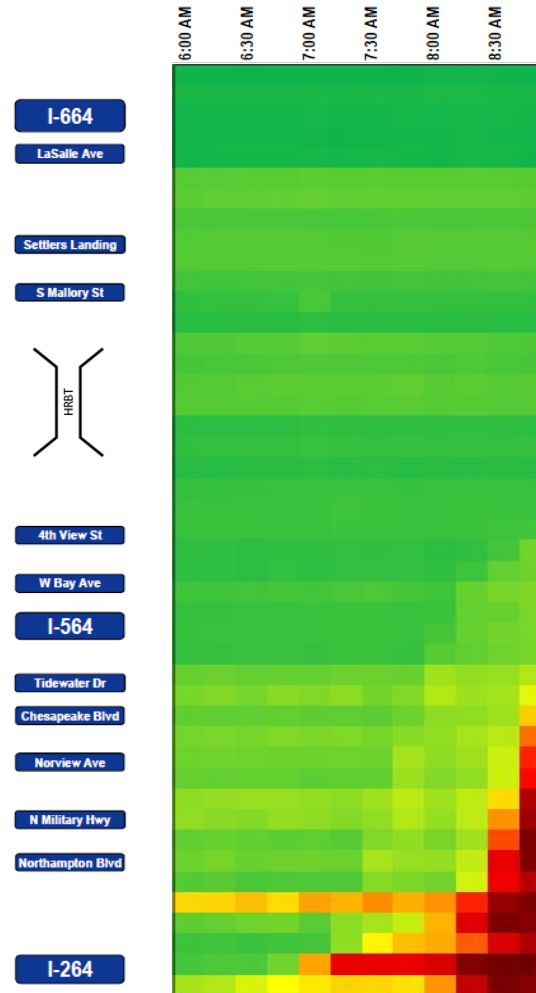
General Purpose Lanes



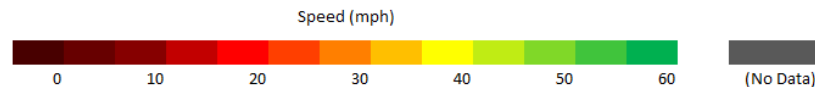
HOT Lanes



General Purpose Lanes



HOT Lanes



Operational Analysis Results: Proposed Scenario

Speed Comparison West Bound 2025 PM

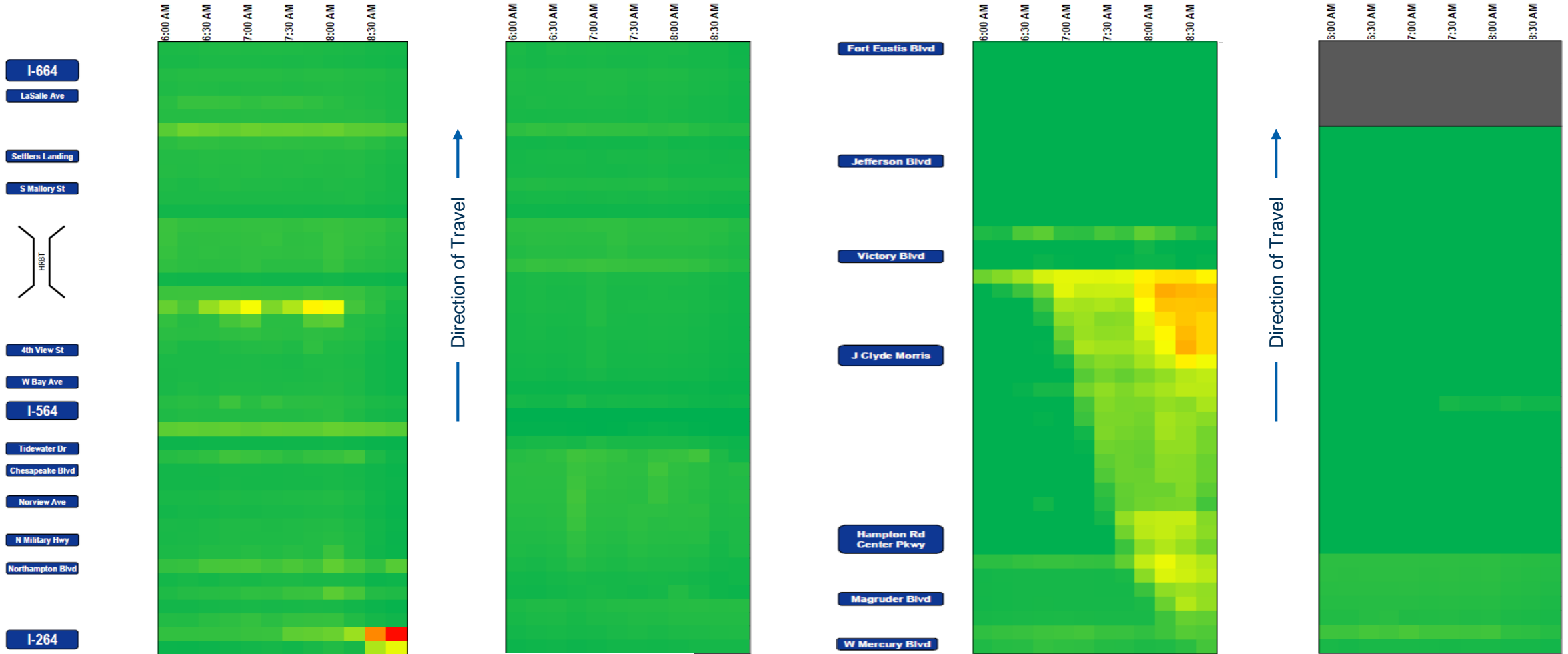
(Dock Landing to I-664)

General Purpose Lanes

HOT Lanes

General Purpose Lanes

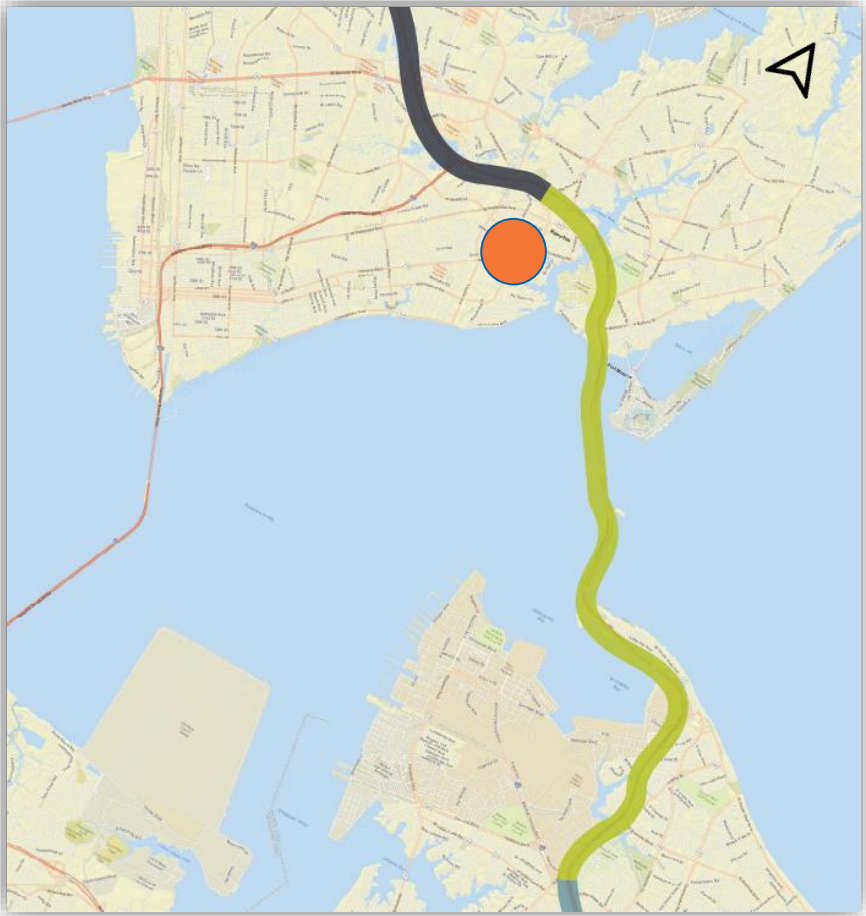
HOT Lanes



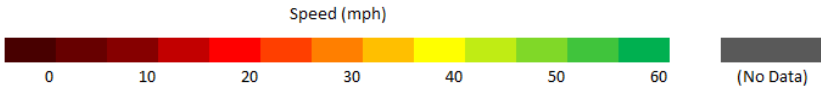
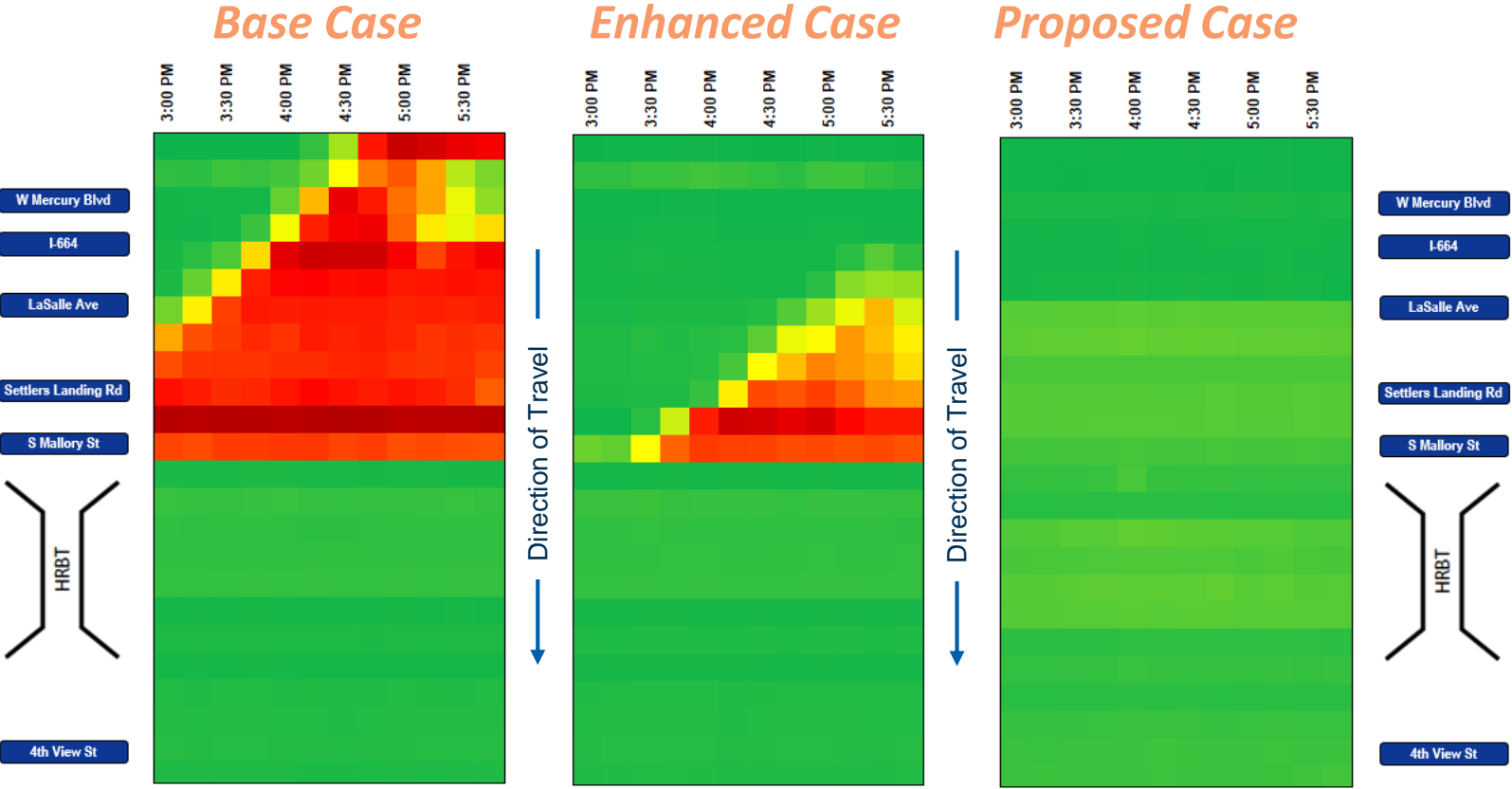
Operational Analysis Results: Proposed Scenario

Speed Comparison at HRBT (2025 PM I-64 EB)

Between Mercury Blvd and Mallory St

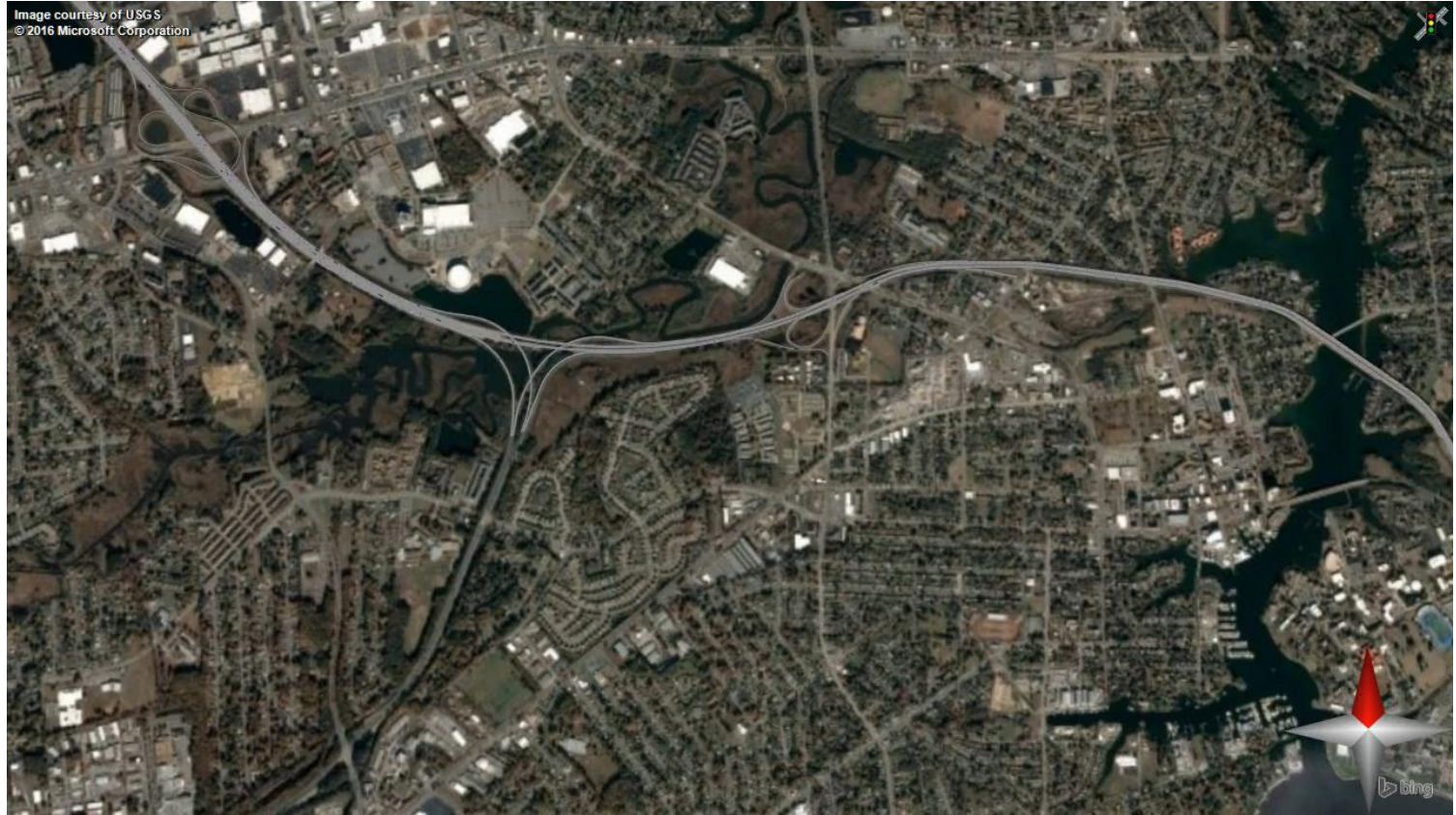
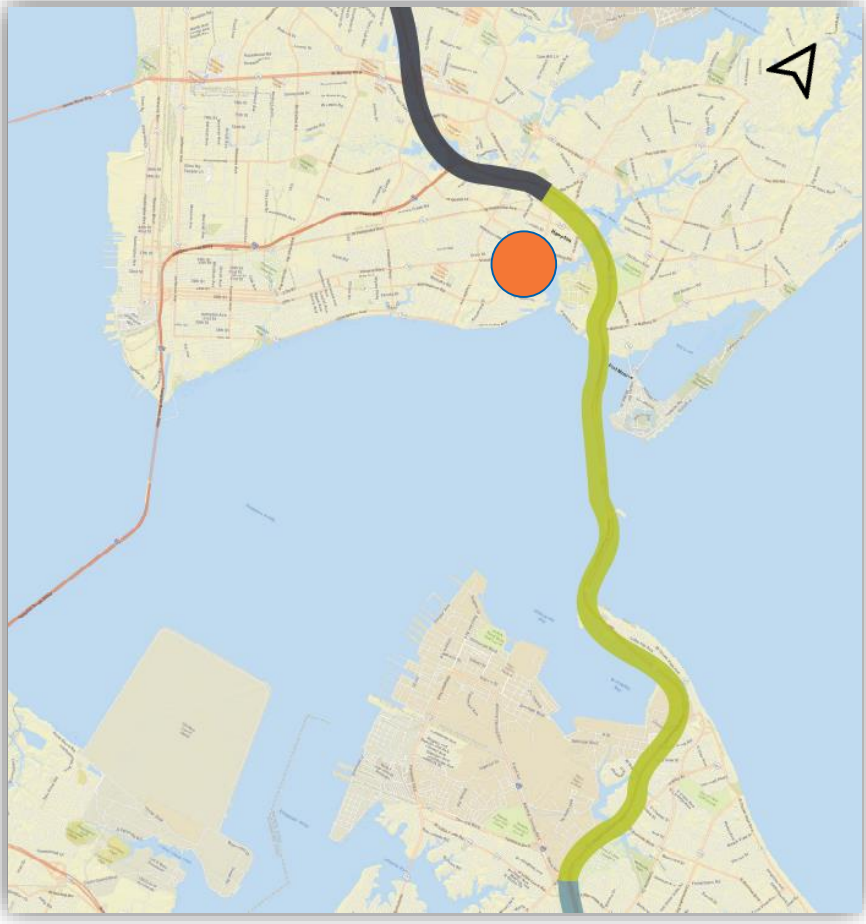


General Purpose Lanes



VISSIM Flythrough Video at HRBT (2025 PM I-64 EB)

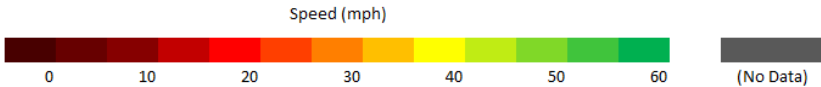
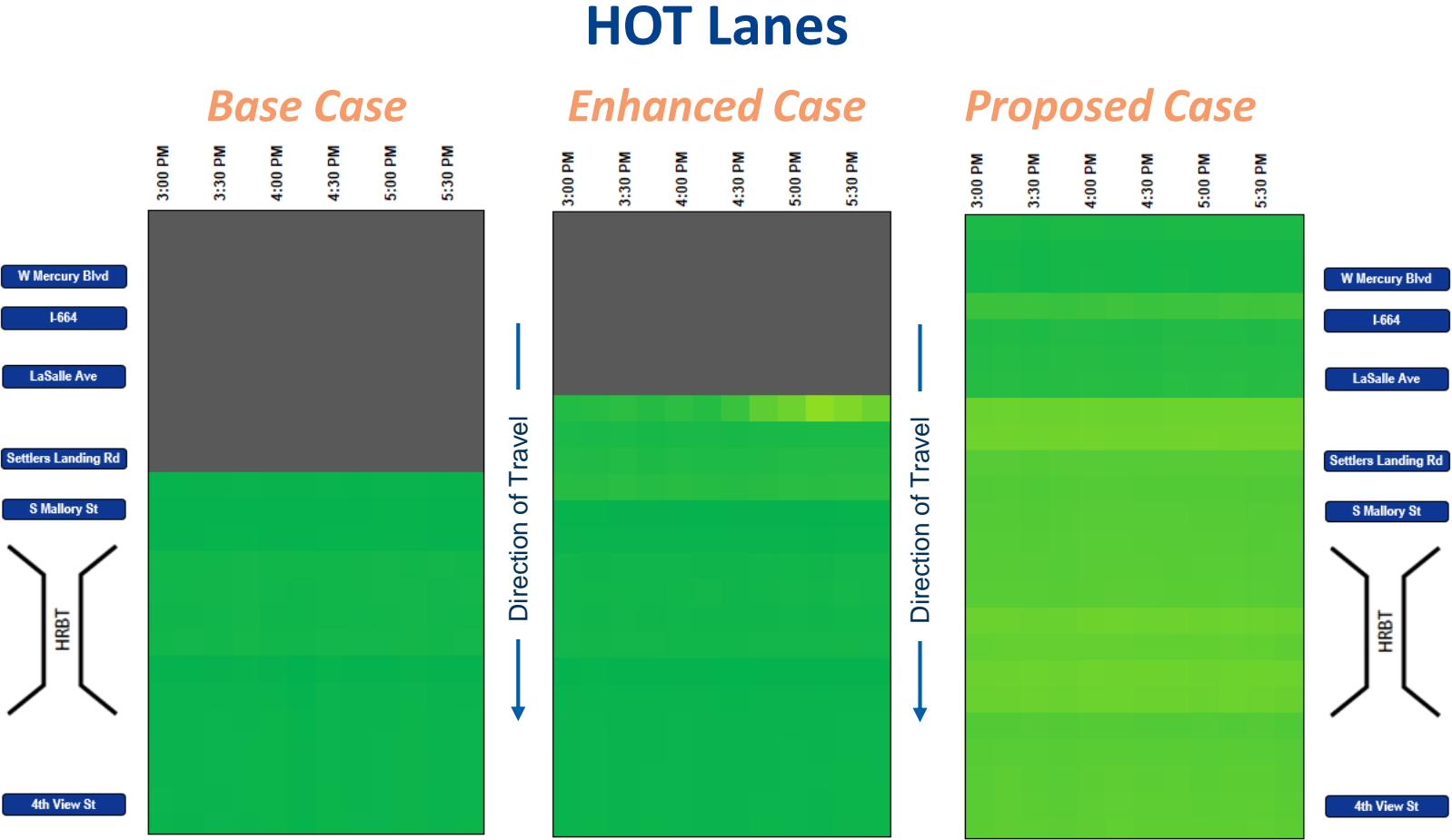
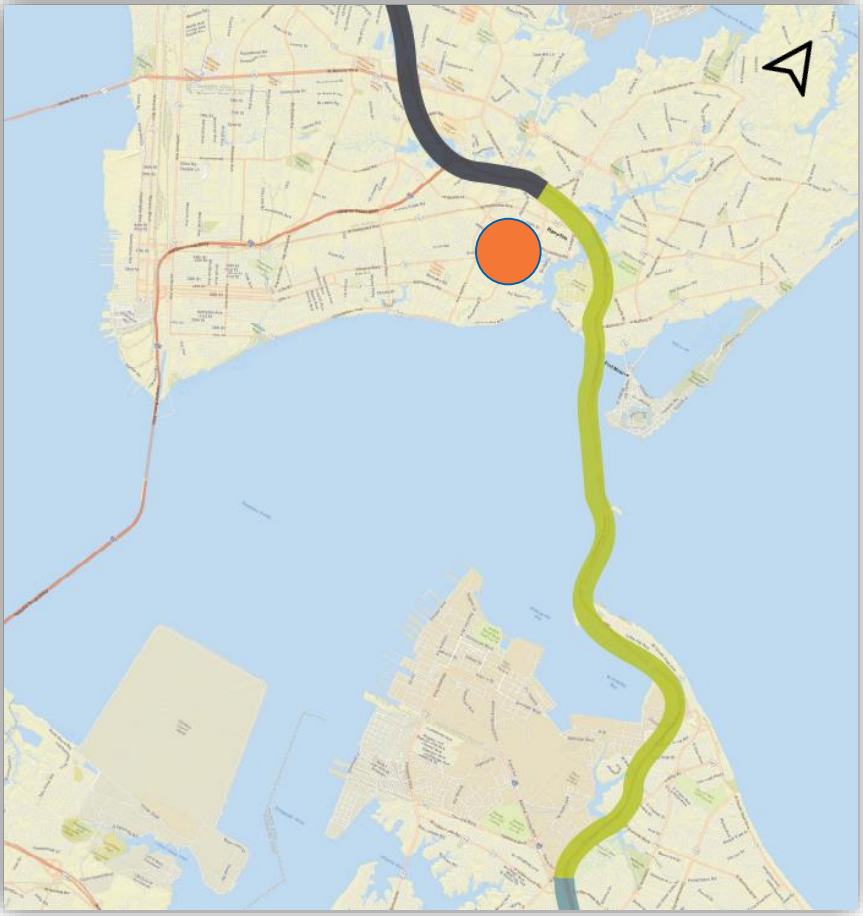
● *Between Mercury Blvd and Mallory St*



Operational Analysis Results: Proposed Scenario

Speed Comparison at HRBT (2025 PM I-64 EB)

Between Mercury Blvd and Mallory St



Next Steps

Tolling Policy

- **HOT2 vs HOT3**
- **Hours of Operation**

Financing of Proposed Scenario

- **Traffic & Revenue**
- **Costs of additional proposed improvements**