

**VDOT**

# Bridge Decks Replacement and Widening of Route 7 over DATR Fairfax County

Project No: 0007-029-139, P101, R201, C501, B617.B618

UPC No: 82135

**Arif Rahman, Project Manager**  
**VDOT Northern Virginia District**  
**September 25, 2013**

## Shared Use Path Option – At-Grade

- At-Grade Crossings at the loops and ramps and adjacent intersections

## Shared Use Path Option – Underpass

- Multiple Pedestrian Underpass

## Shared Use Path Option – Median

- Crossings on the median and at grade at adjacent intersections

## All the options will have:

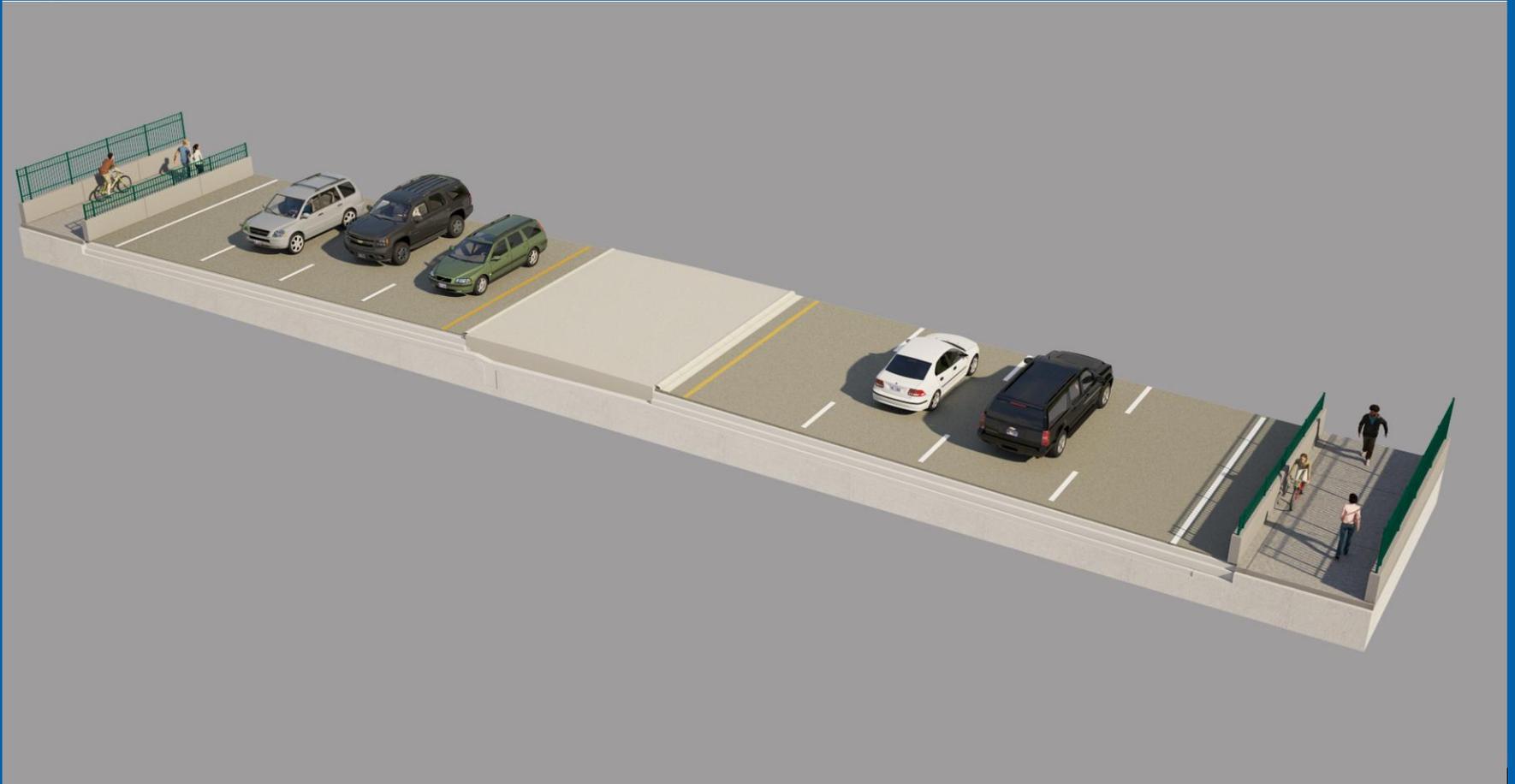
- ✓ Connectivity with existing and proposed SUP on future Route 7 widening project from Jarred Valley to Reston Pkwy
- ✓ Connectivity to Metro Station Access

# SUP Option – At-Grade Looking East



Looking East

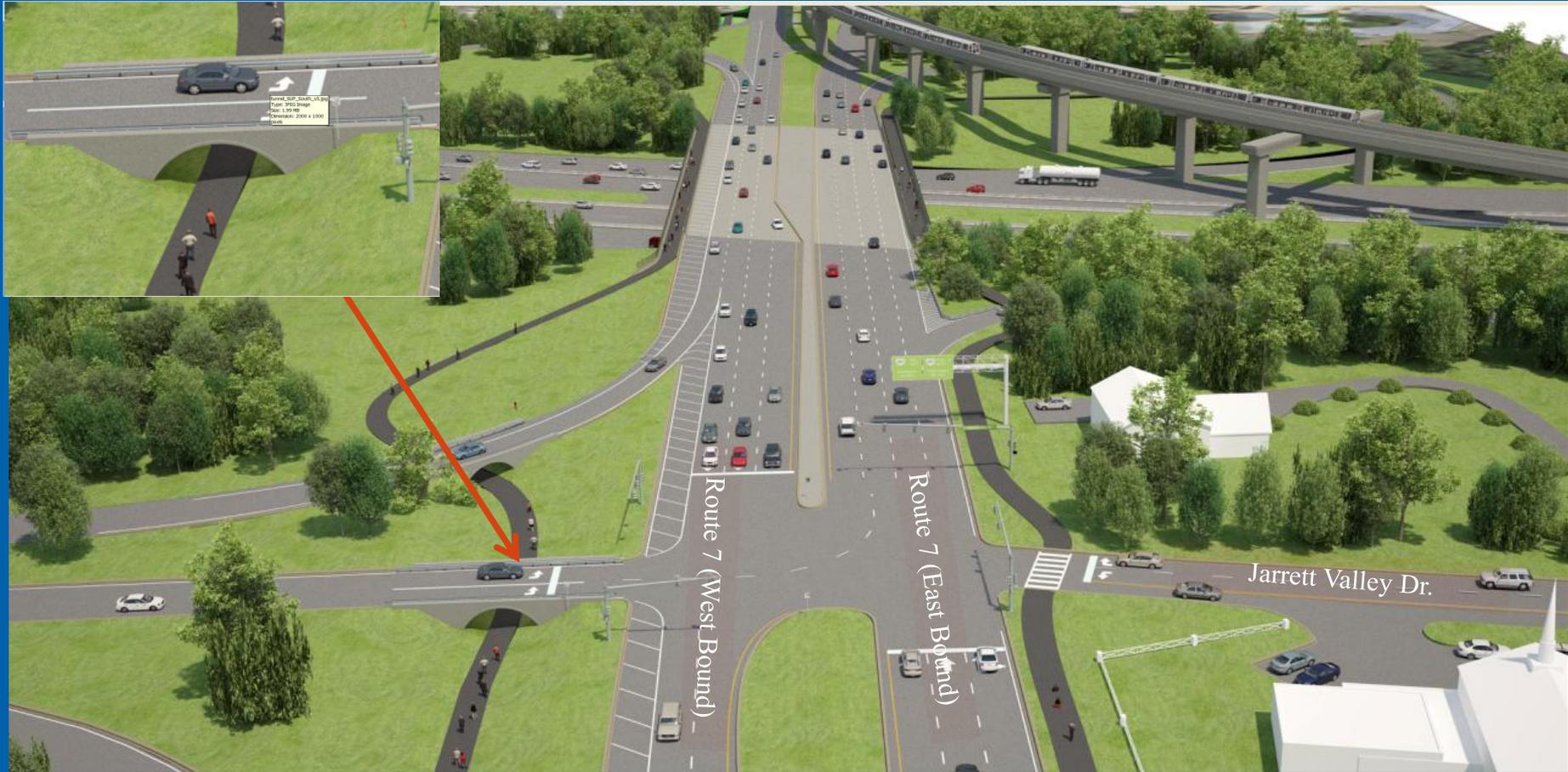
# SUP Option – At-Grade Section View



Cross Sectional View of SUP with Barriers and Fences

# SUP Option-Underpass

## Looking East



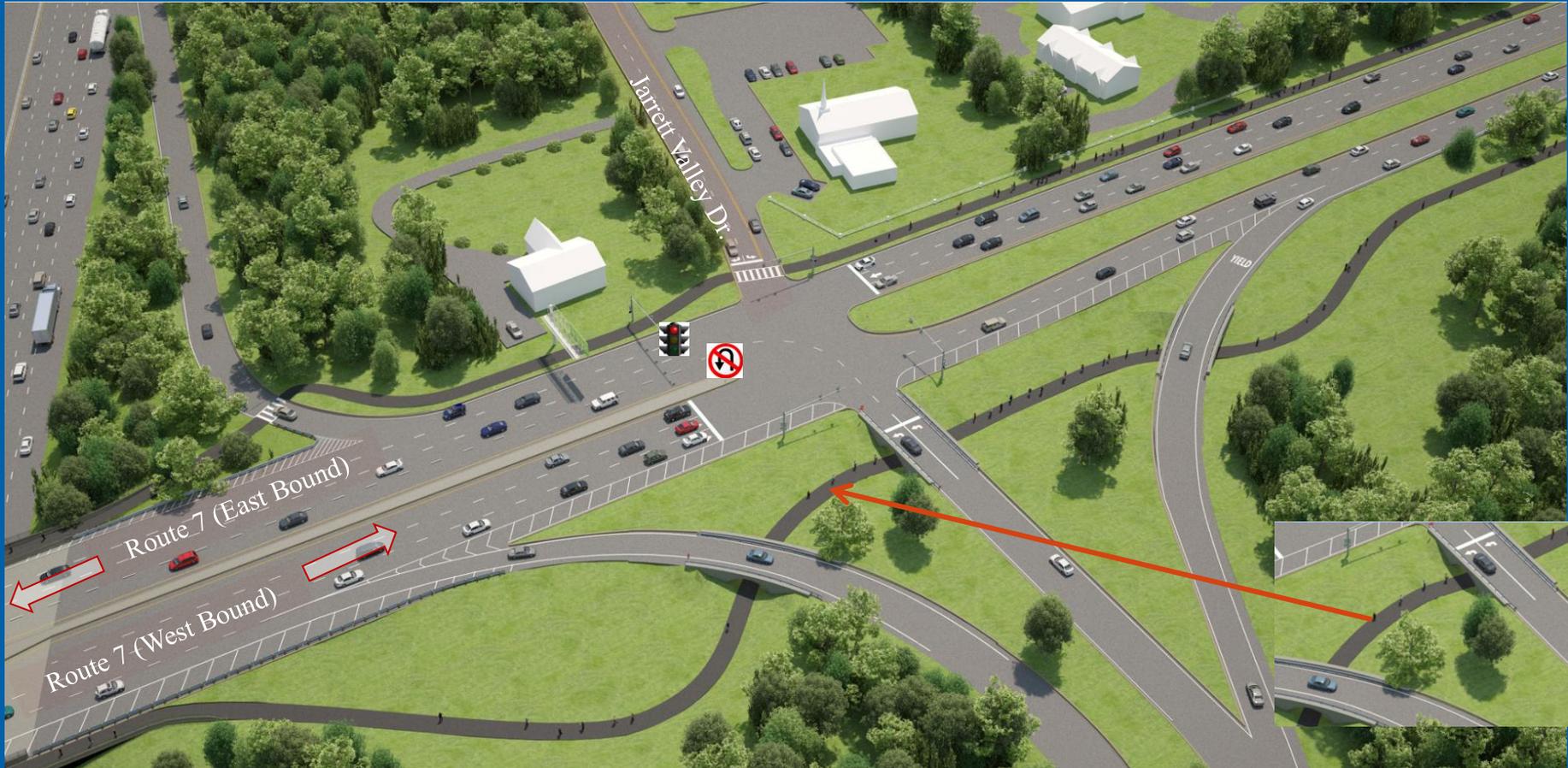
Looking East

# SUP Option-Underpass Section Looking East



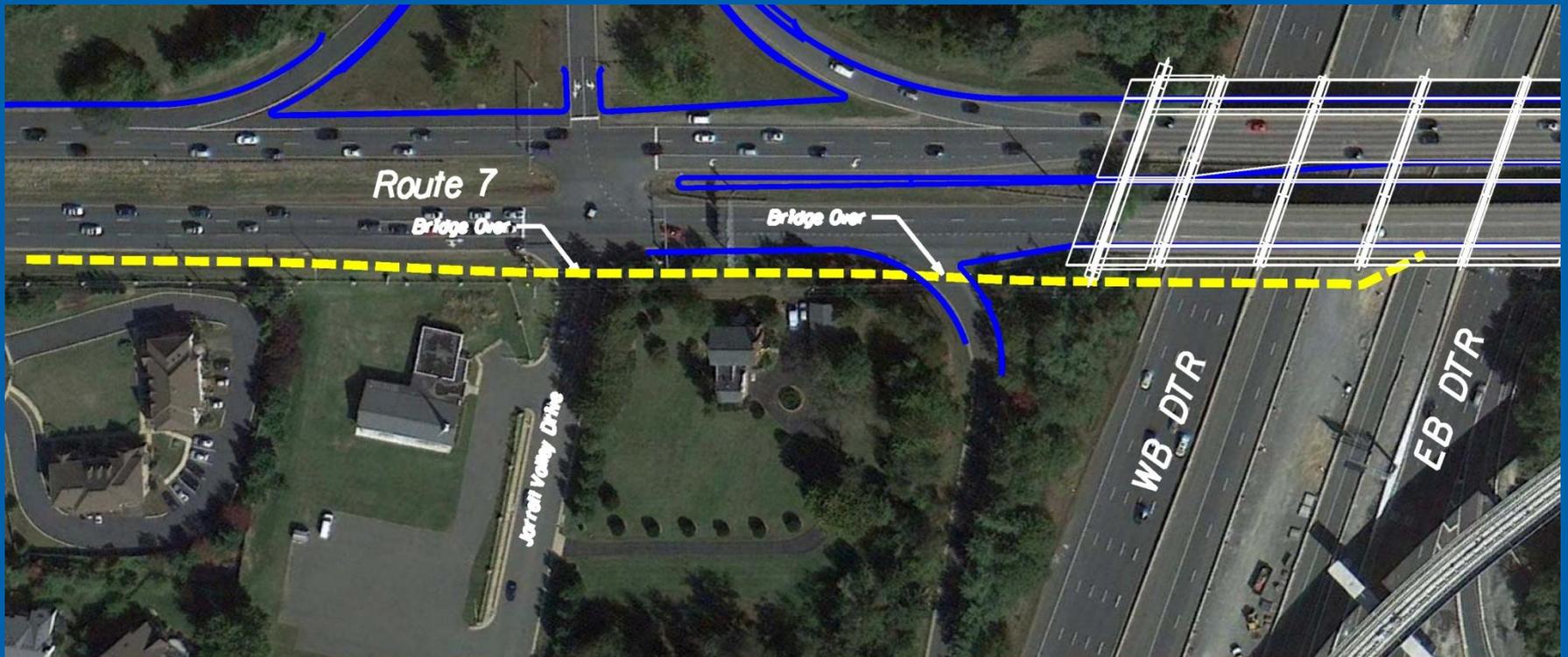
Looking East

# SUP Option-Underpass Looking at the Direction of the Dulles Airport

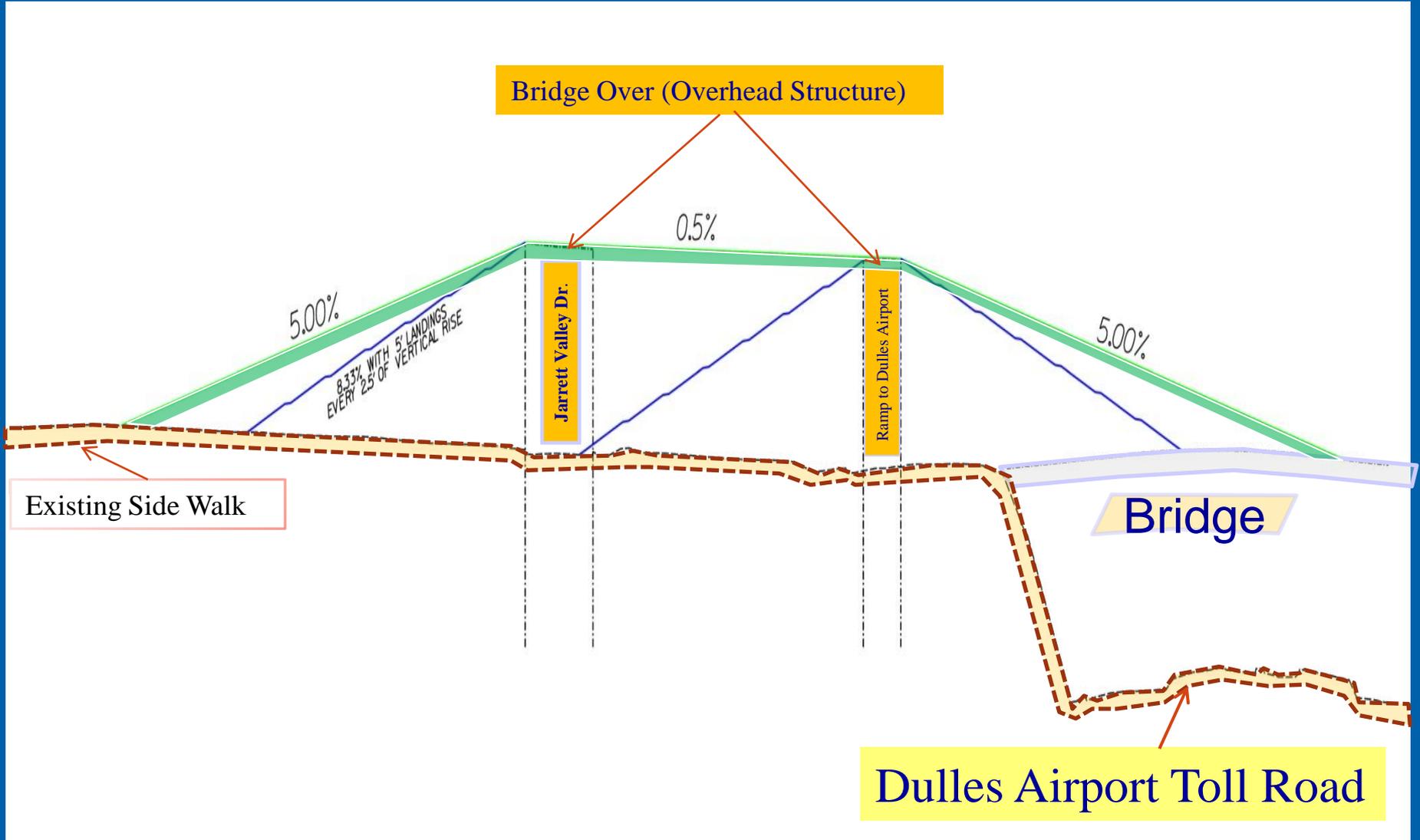


Intersection of Jarred Valley Dr. & Route 7

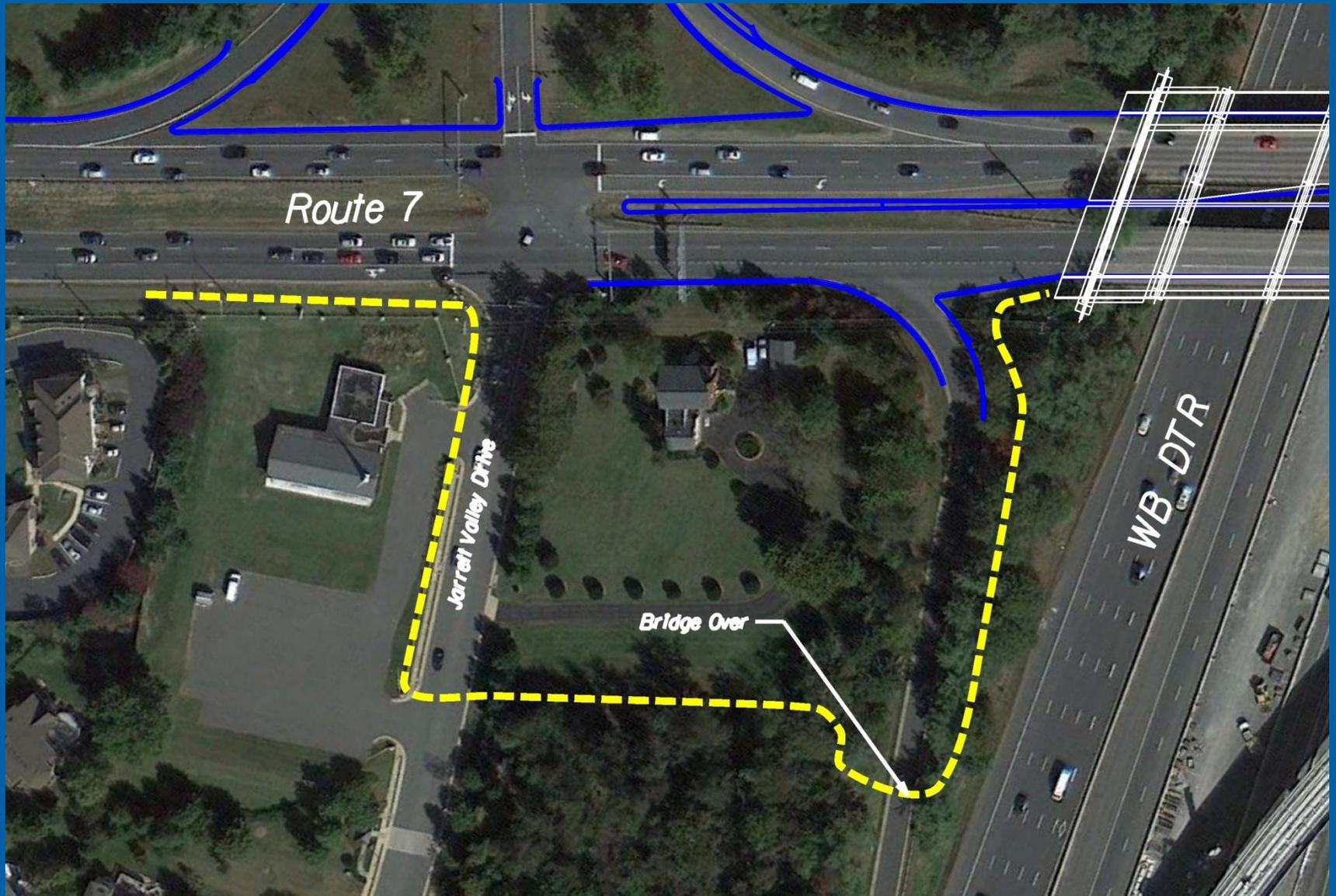
# Shared Use Path Options – Parallel



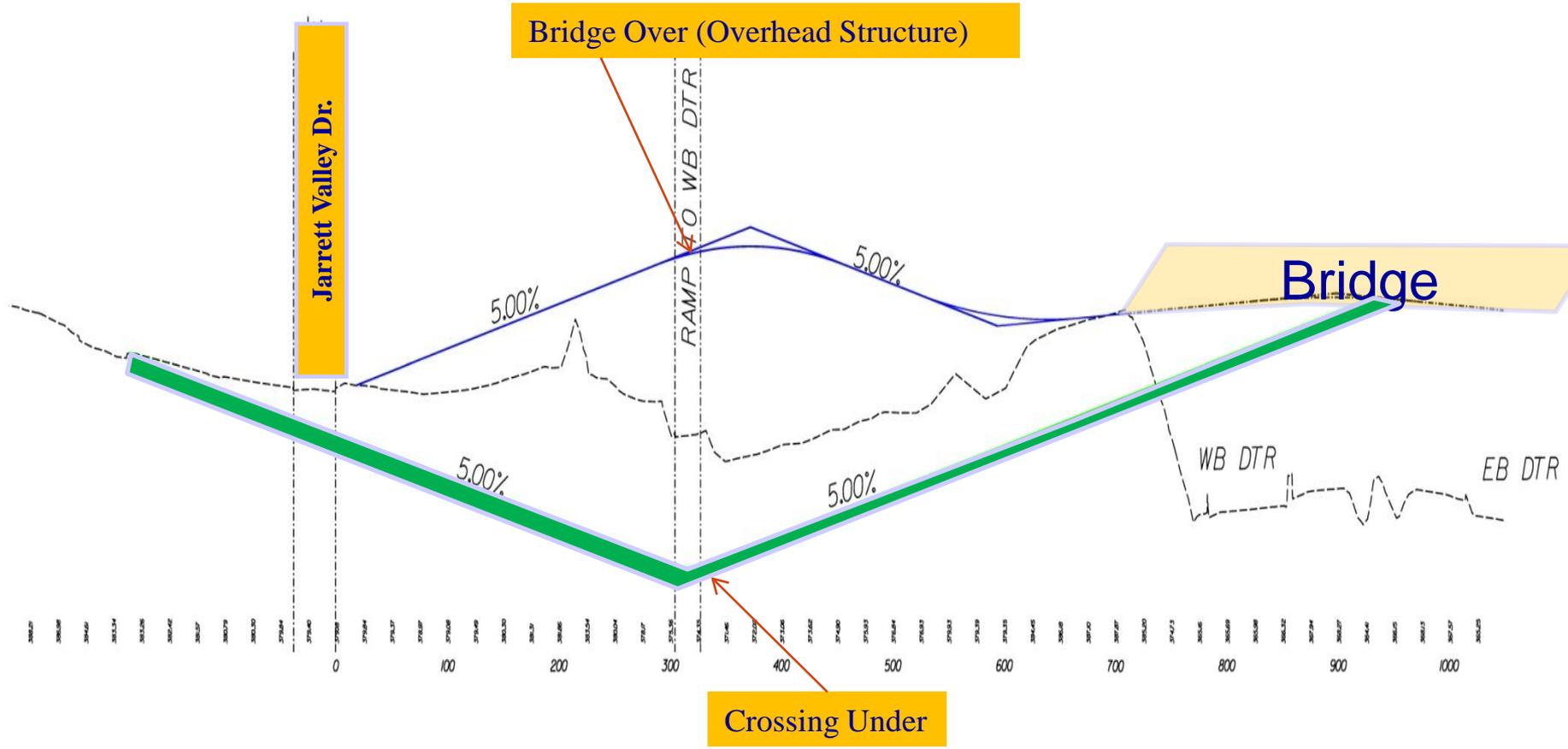
# Shared Use Path Options – Parallel Profile



# Shared Use Path Options – Jarrett Valley Drive

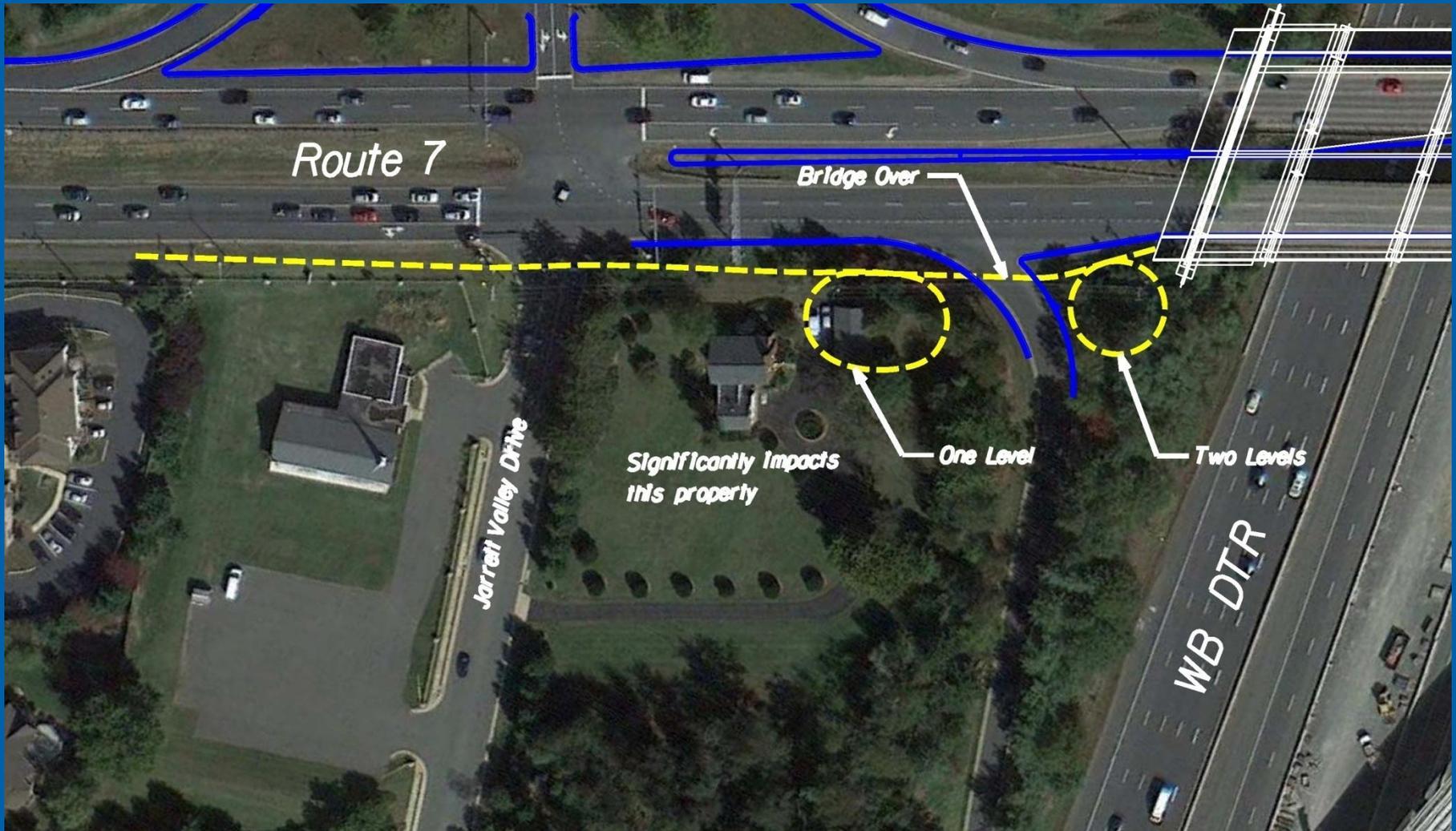


# Shared Use Path Options – Profile

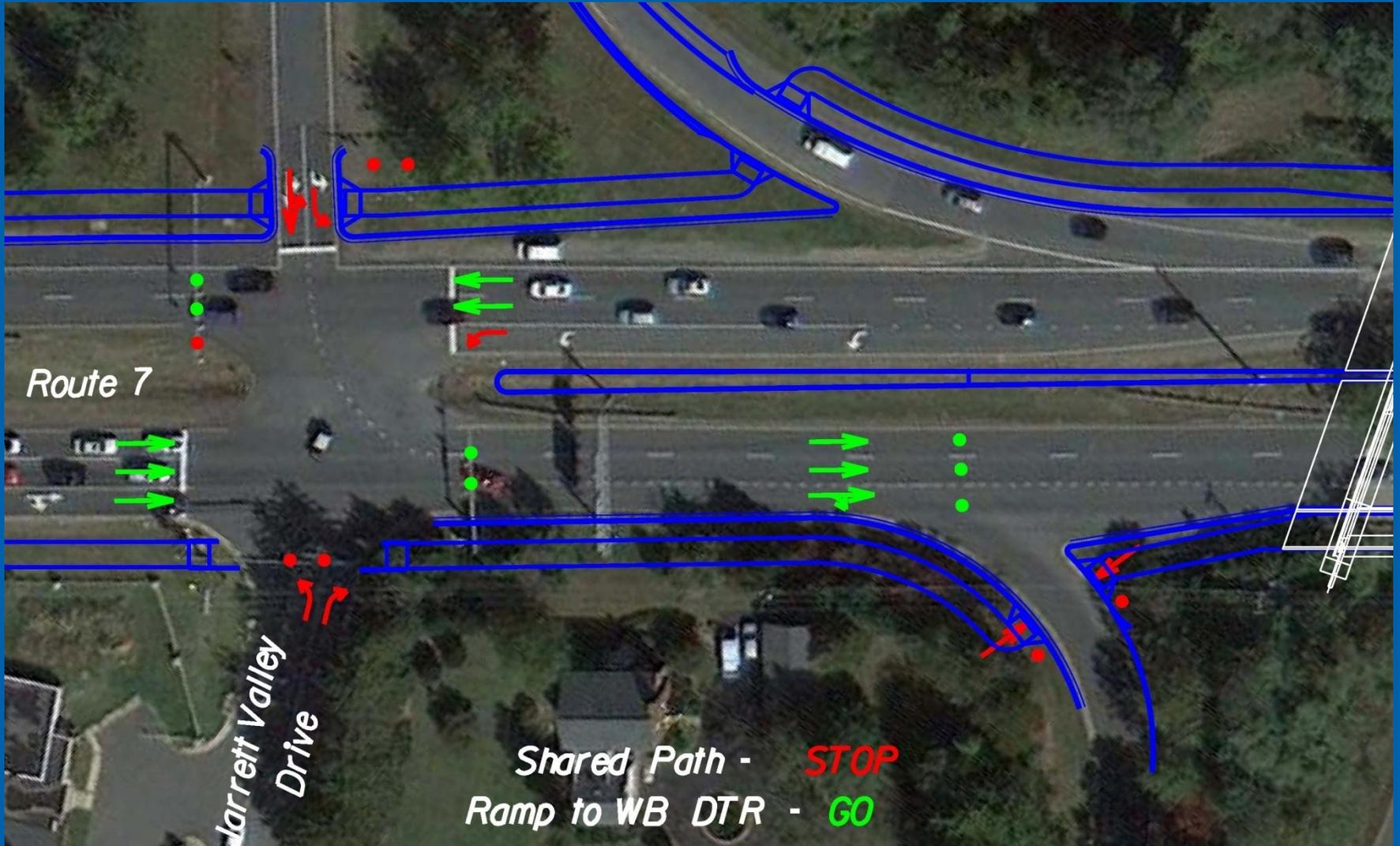


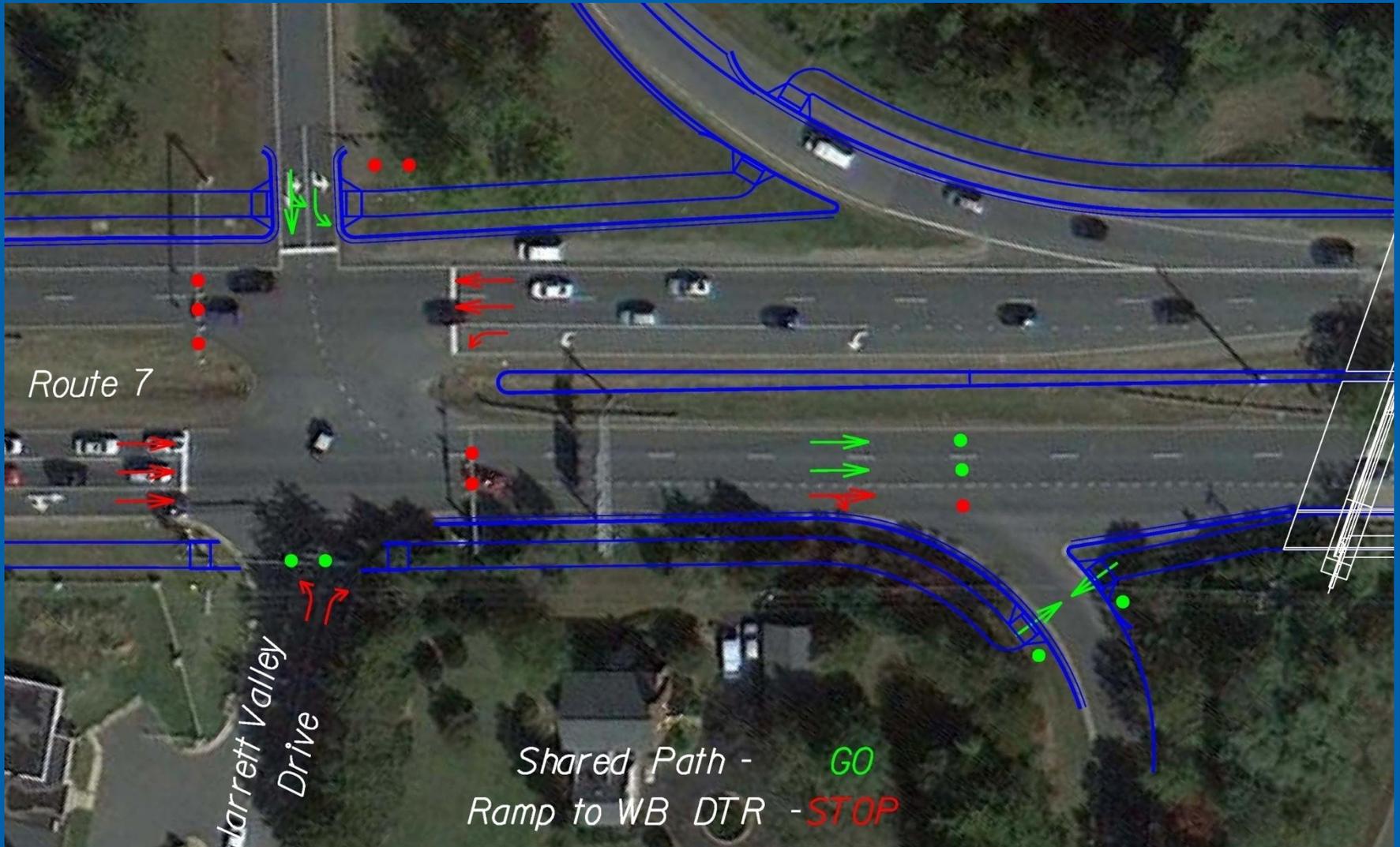
Crossing Over or Under

# Shared Use Path Options – Spiral



# Shared Use Path – Other Alternatives – Signal Ramp to WB DTR and Shared Use Path





# SUP Option – Median Looking East



Looking East

# SUP Option – Median SUP Section View

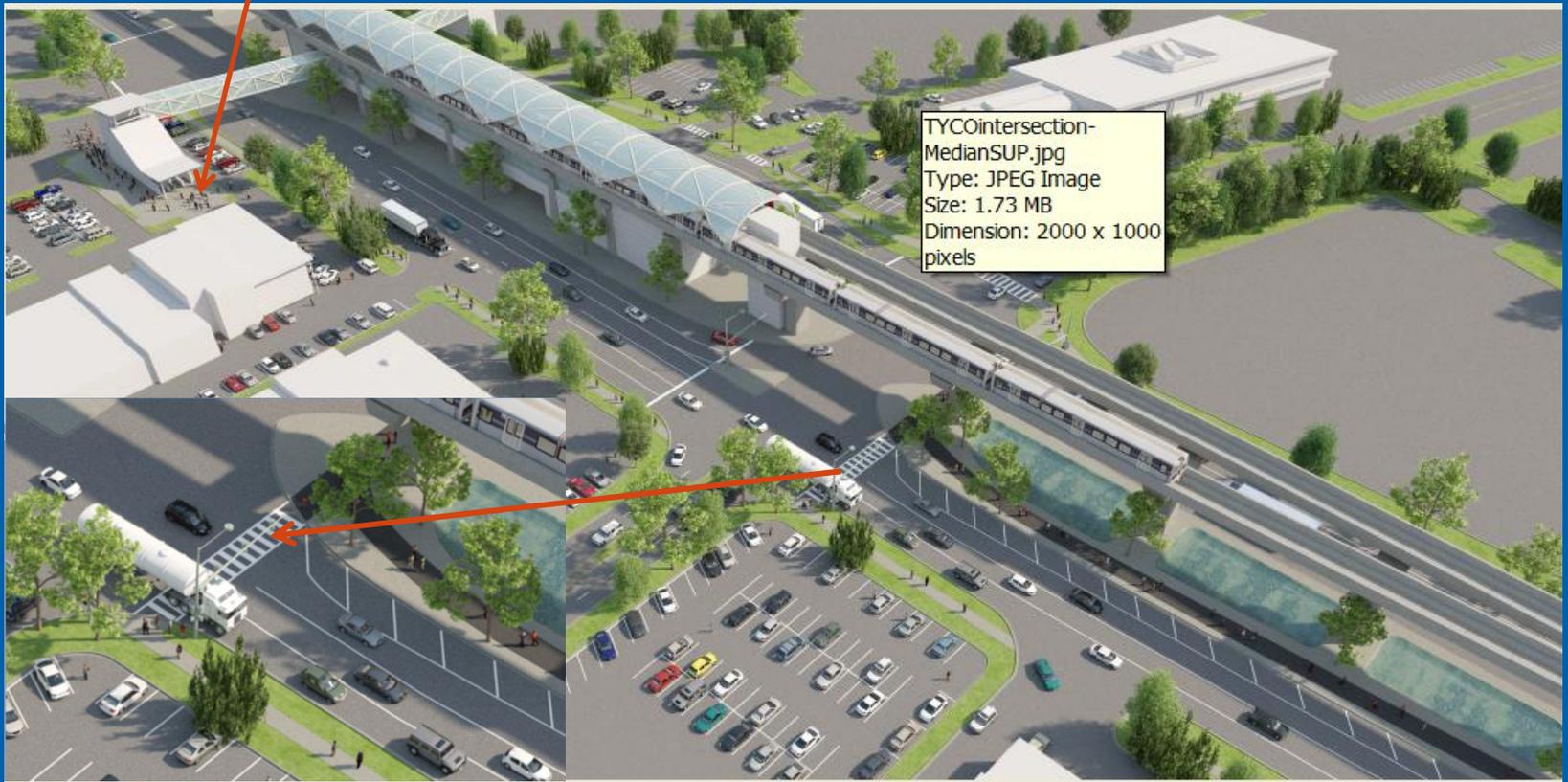


Cross Sectional View of SUP with Planters and Barriers with Fence

# SUP Option – Median

## Metro Station Access At Spring Hill Road

Access to Metro Station



Pedestrian Crossing from Median at Tyco Road

## ⇒ Schedule

Scoping	August 8, 2012
Preliminary Field Inspection Meeting	April 10, 2013
Public Hearing*	November - December , 2013
Right of Way*	March, 2014
Advertisement*	TBD (Currently September 2014)

\* Possible Design-Build Delivery if project is fully funded

## ⇒ Preliminary Estimates

### Shared Use Path Options

	At Grade	Underpass	Median
Construction	\$17.3	\$21.7	\$17.3
Contract	million	million	million

Costs for Design, Utilities, Contingency, and Construction Engineering not included