

 **VDOT**

The logo for the Virginia Department of Transportation (VDOT). It features a stylized orange symbol on the left that resembles a wavy line or a road curve. To the right of this symbol, the letters "VDOT" are written in a bold, blue, sans-serif font.

I-395 HOV Ramp at Seminary Road

**BRAC-133 ADVISORY GROUP
MEETING**

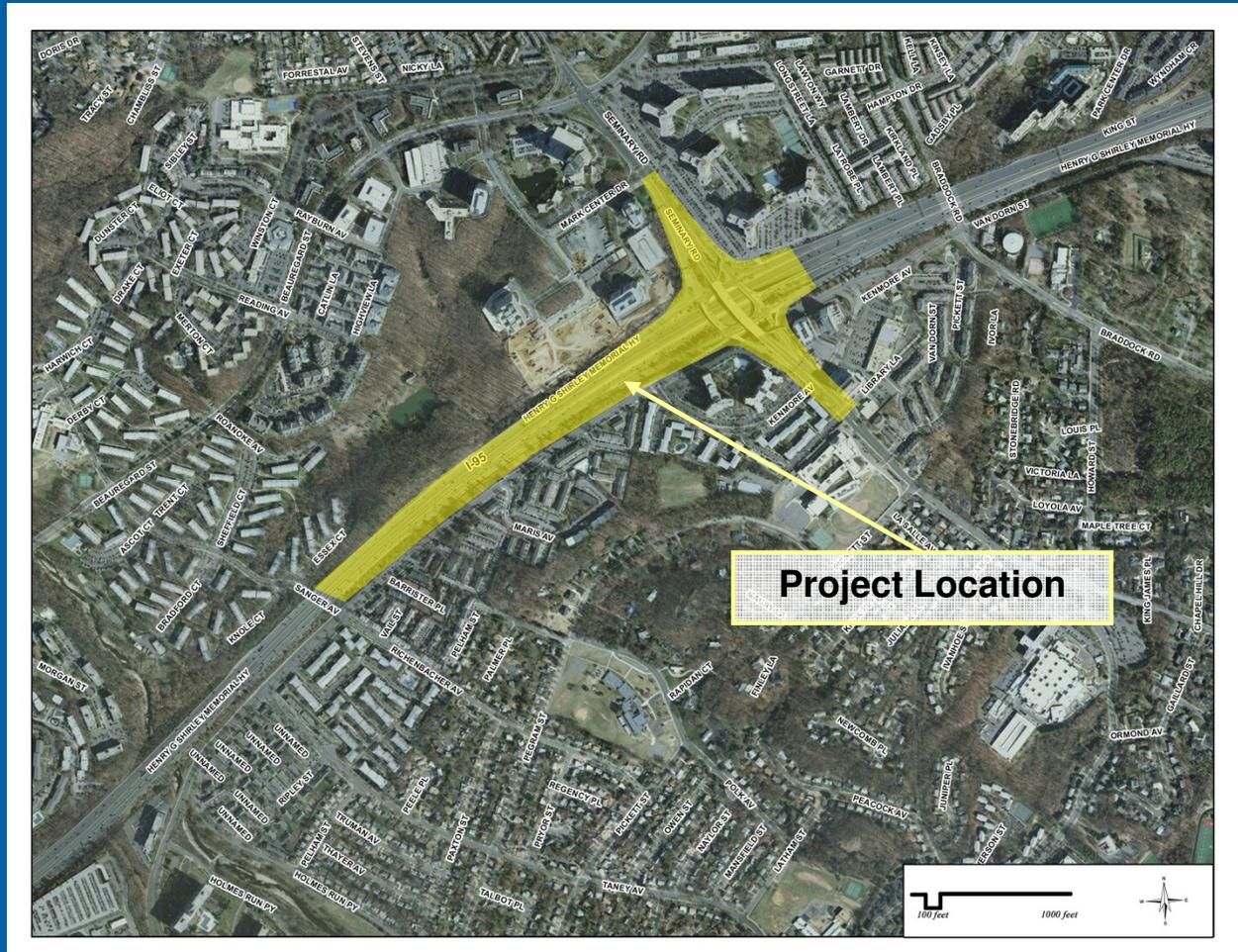
January 18, 2012



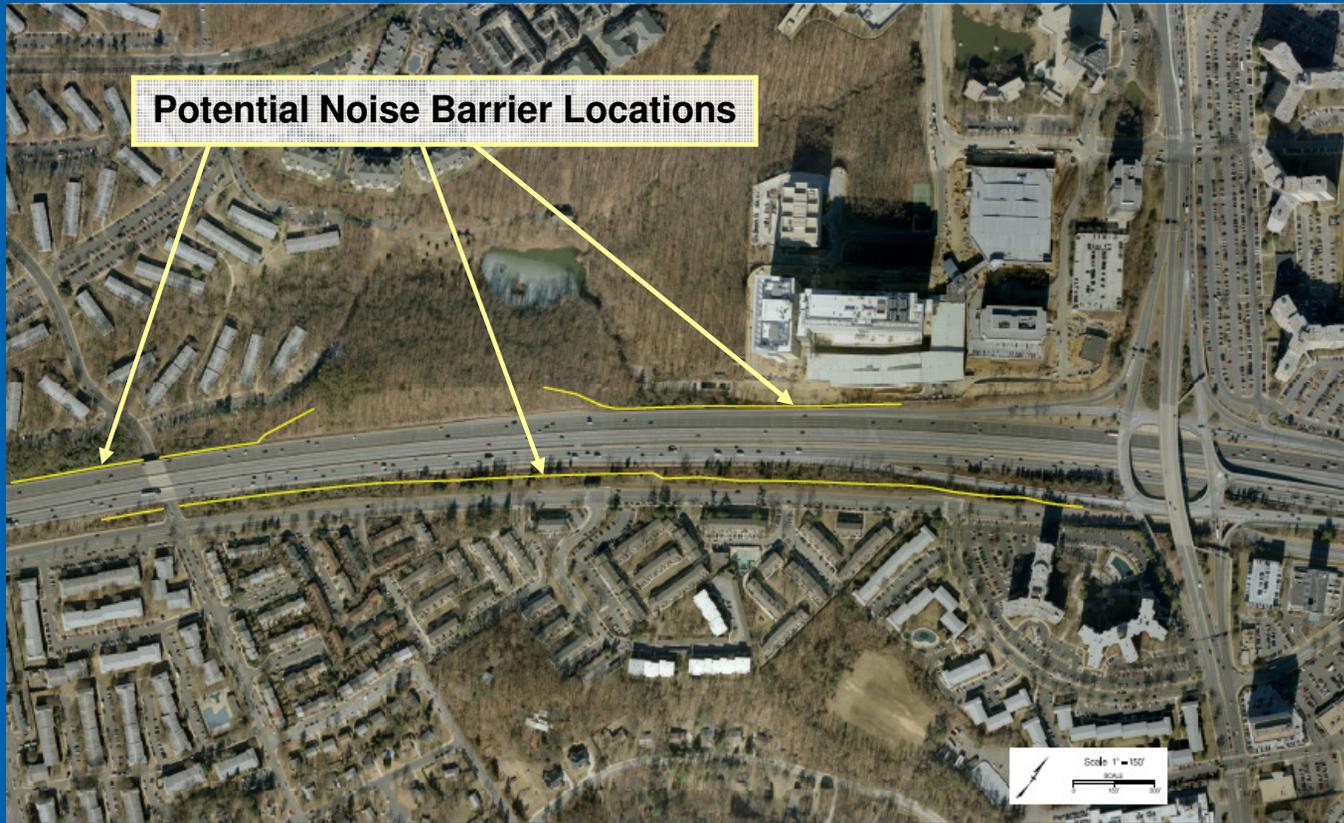
Project Location

Alexandria, VA

I-395 at Seminary Road



Noise Impacts



DWELLING OR RECREATIONAL UNIT NOISE IMPACT SUMMARY

	Existing	No-Build	Proposed Project
Totals	603	631	635

Seminary Road Bridge

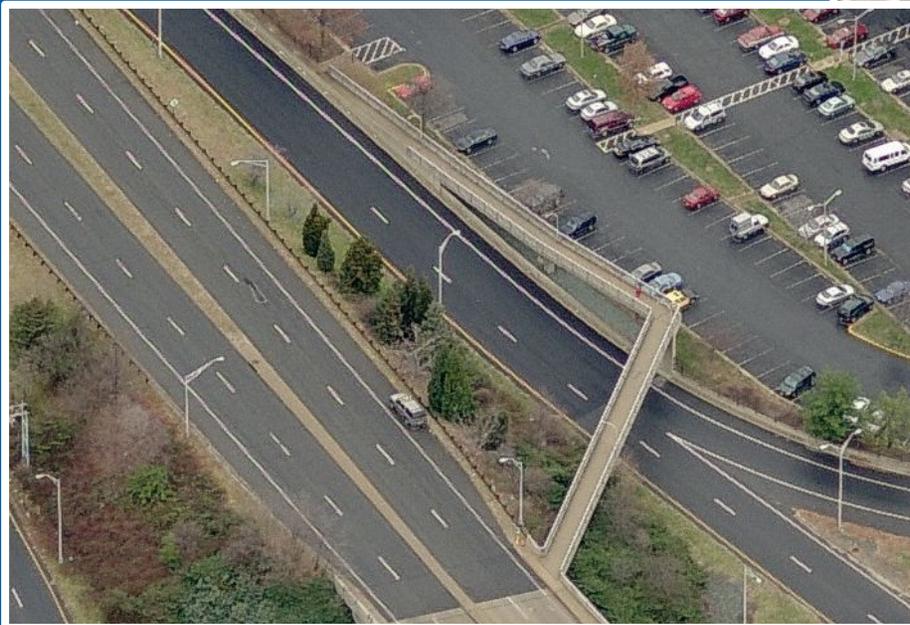
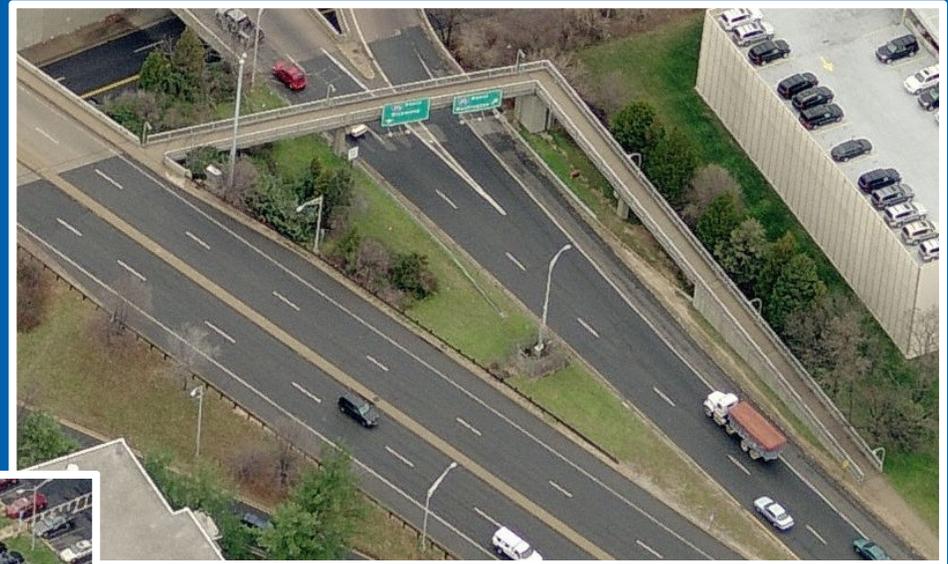
- Widening of Seminary Road Bridge
- Widening of Pedestrian Access across bridge
- Deck Evaluation underway
- Deck Replacement/Superstructure Rehabilitation





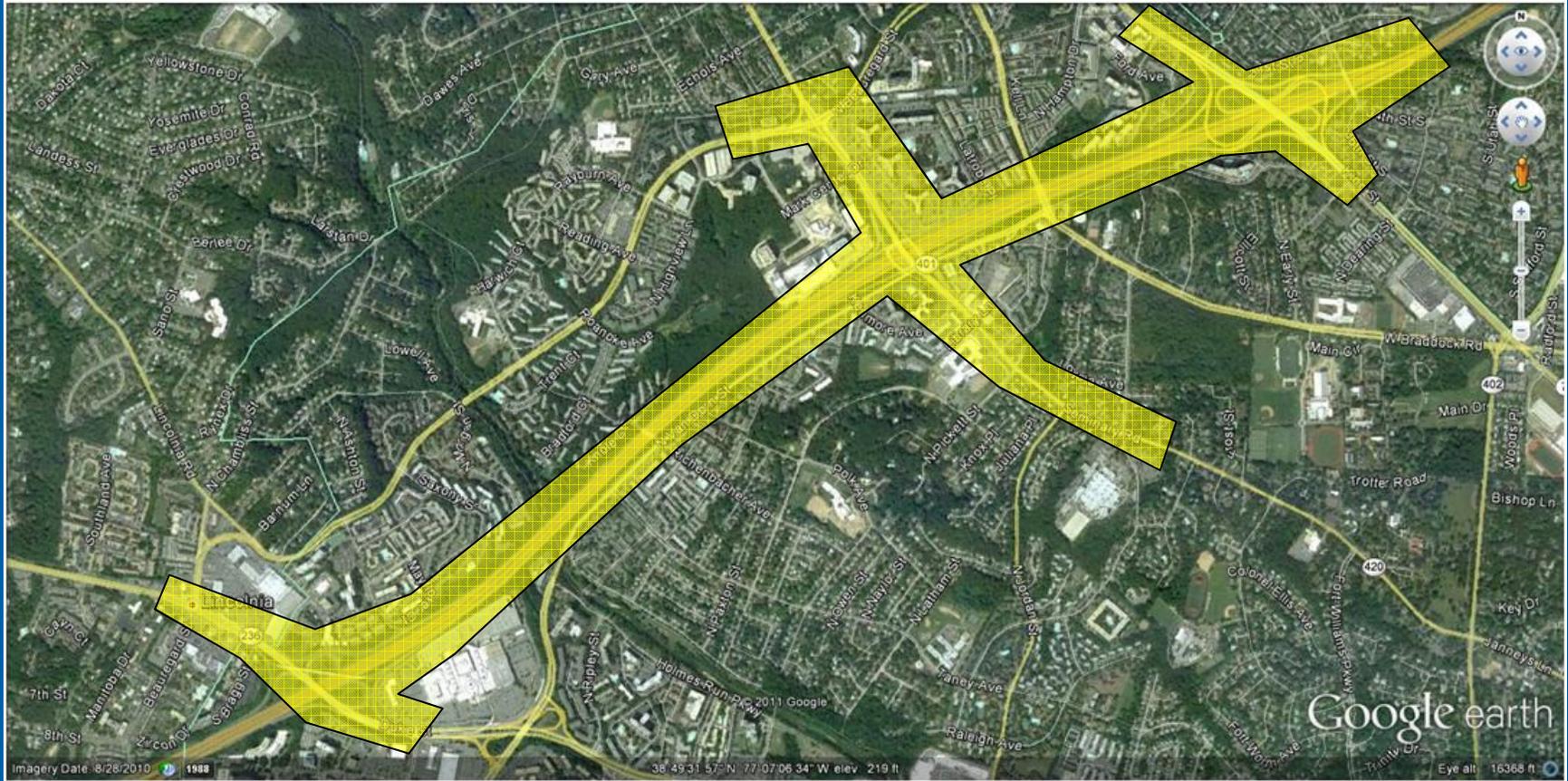
Pedestrian Bridges

Pedestrian Bridges on each end of Seminary Road Bridge will be upgraded to meet ADA requirements

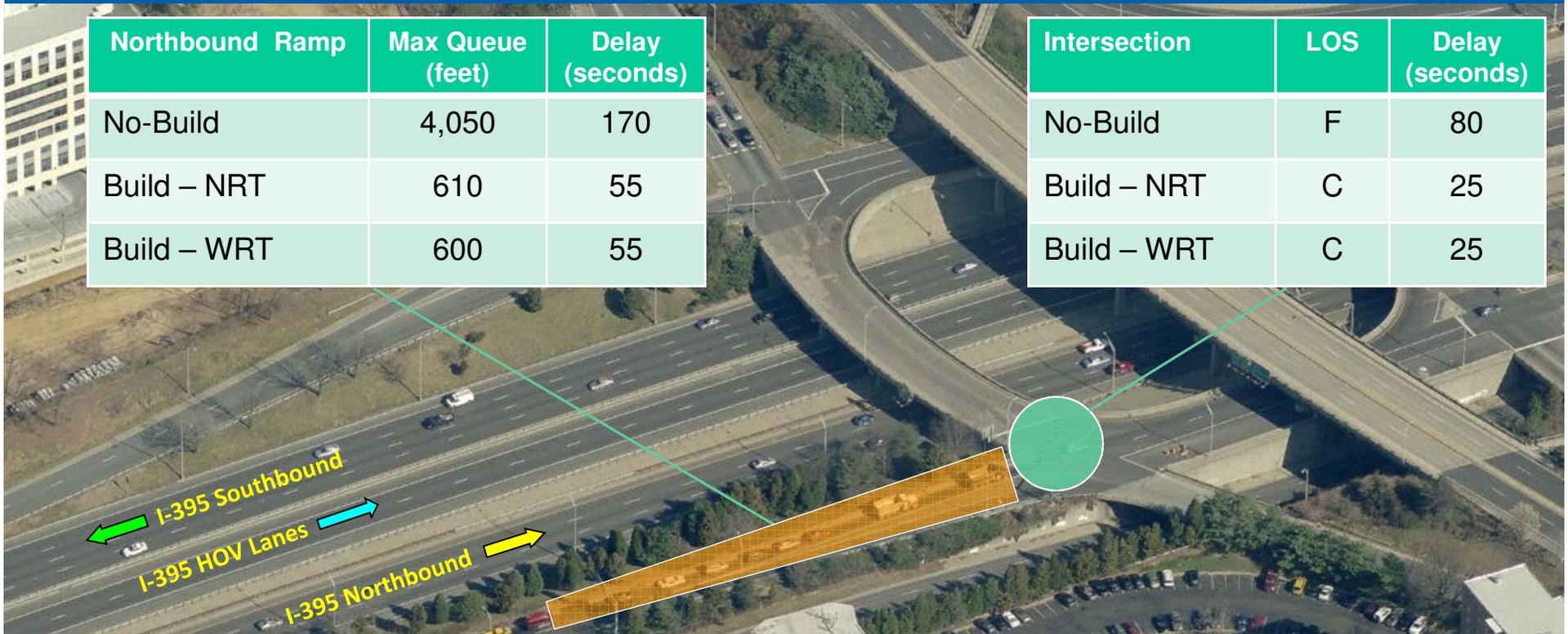


Concepts for the upgrades to the Pedestrian Bridges are being developed and coordinated with the City of Alexandria

Traffic Analysis Study Area



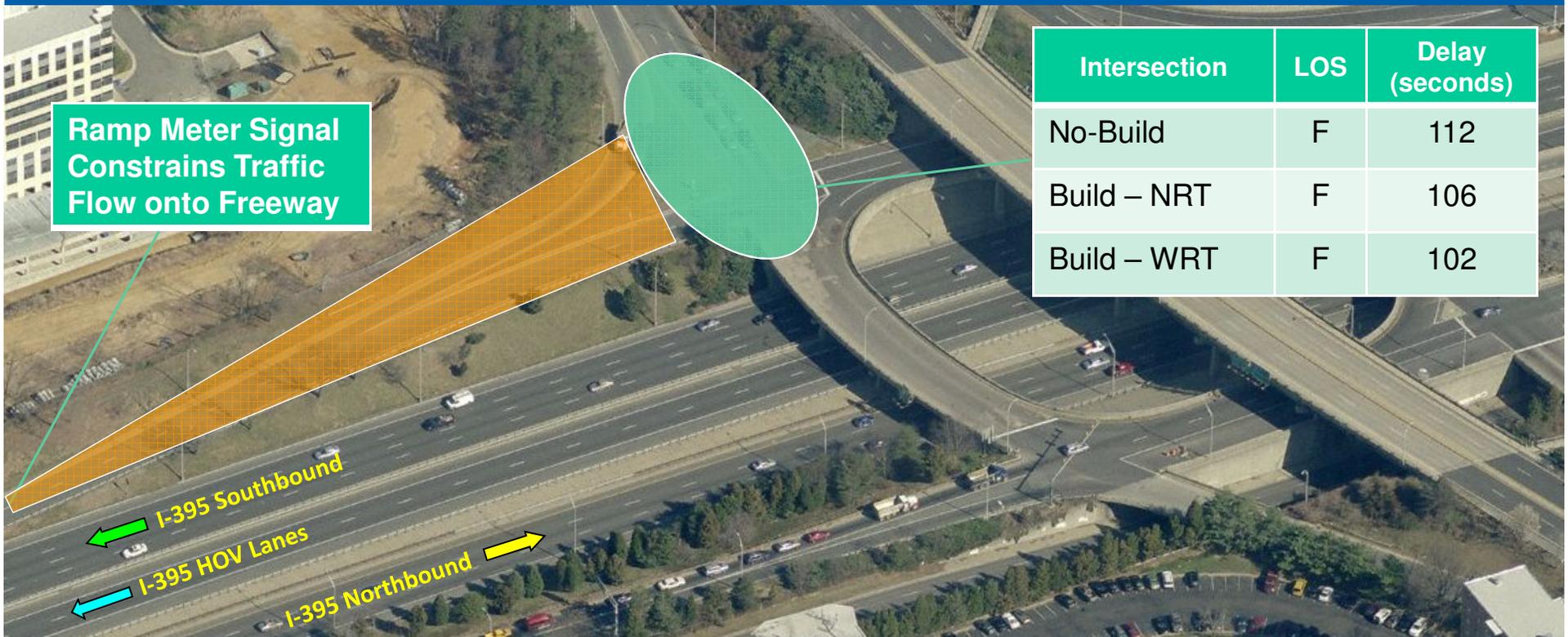
2035 AM PEAK HOUR TRAFFIC OPERATIONS



Build Alternatives

- NRT – No Right Turns permitted from northbound HOV Ramp
- WRT – Right Turns permitted from northbound HOV Ramp

2035 PM PEAK HOUR TRAFFIC OPERATIONS

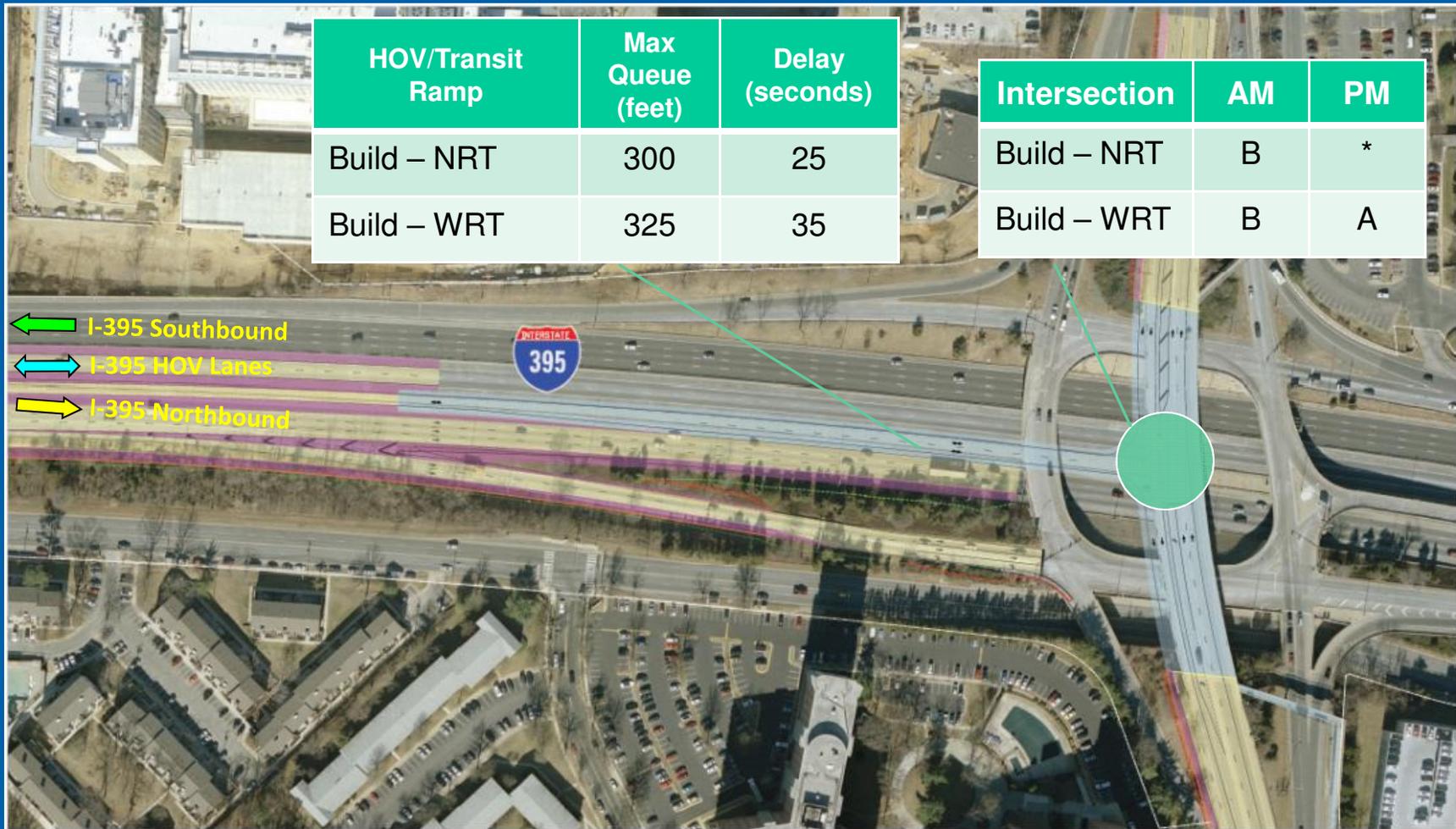


Intersection	LOS	Delay (seconds)
No-Build	F	112
Build – NRT	F	106
Build – WRT	F	102

Build Alternatives

- NRT – No Right Turns permitted from northbound HOV Ramp
- WRT – Right Turns permitted from northbound HOV Ramp

2035 HOV RAMP PEAK HOUR TRAFFIC OPERATIONS



- Proposed HOV/Transit Ramp will help reduce congestion on the existing interchange during peak hours of traffic
 - LOS on existing ramp will improve to “C” from “F” during AM
 - PM benefits are limited due to downstream constraint at the ramp
- New signal will not cause traffic operational problems on Seminary Rd or HOV lanes
- Allowing right turns from HOV/Transit ramp in the AM and left turns into it in the PM will not cause traffic operational problems on Seminary Rd or HOV lanes