

# DESIGN-BUILD OF I-495 NORTHERN SECTION SHOULDER USE



## OVERVIEW

**Location:** left shoulder of NB I-495 from end of 495 Express Lanes to George Washington Parkway

**Client:** Virginia Department of Transportation

**Period of Performance:** April 2014 – June 2015

**Contract Value:** \$15.4M

**FMCC Job No.:** 9972

### Project Description

Fort Myer has completed work to improve travel conditions where the northbound 495 Express Lanes join the regular lanes in June 2015. The 1.5-mile project allows traffic to travel on the left shoulder of northbound I-495 from where the 495 Express Lanes end to the George Washington Parkway. The shoulder is open to all traffic during peak travel periods. A lane-use management system, with green arrows and red "X's", similar to the lane-control system on I-66, alerts travelers when the shoulder is available.

### Project Significance

The project included several safety enhancements such as upgraded concrete barriers in the median of I-495, new cameras and electronic highway signs to help with incident response and traveler information, and rehabilitating the pavement for a smoother ride.

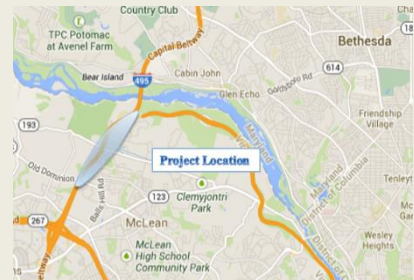
All travelers and buses benefit from the new capacity and improved merge. There are no barrier separation between the shoulder lane and the regular Beltway lanes, ensuring easy access for travelers.

### Client References

Paul Nishimoto, Project Manager  
 4975 Alliance Drive, Fairfax, VA 22030  
 703.259.2362 | paul.nishimoto@VDOT.Virginia.gov

### Key Personnel

Ardie Kalantar – Design-Build Project Manager  
 John Constantino – Superintendent



**FORT MYER**  
CONSTRUCTION

fortmyer.com | 202.636.9535 | 2237 33rd Street NE, Washington, DC 20018

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