

DESIGN-BUILD OF BRADDOCK RD & PLEASANT VALLEY RD INTERSECTION



OVERVIEW

Location: Intersection of Braddock Road (Route 620) and Pleasant Valley Road (Route 609) in Fairfax County

Client: Virginia Department of Transportation

Period of Performance: June 2015 – May 2016

Contract Value: \$4.2M

FMCC Job No.: 9983

Project Description

This design/build project constructed a roundabout at the intersection of Braddock Road (Route 620) and Pleasant Valley Road (Route 609) in Fairfax County. As of 2012, about 7500 vehicles per day travelled this section of Braddock Road and about 8500 travelled along Pleasant Valley Road. The roundabout provides additional capacity for forecasted traffic volumes and improve safety by eliminating the potential for turn/angle crashes at the intersection. It also enhances pedestrian access for residents in the area. The new roundabout includes crosswalks and curb ramps for pedestrians, landscaping and lighting. The sidewalk was tied into the existing trail along the east side of Pleasant Valley Road south of the intersection.

Project Significance

This was a very politically sensitive design-build project that had a lot of complex factors including Right of Way acquisitions, Utility Relocations, critical MOT, and other factors. The travel lanes were only 11 feet wide, restricting traffic and construction space. The construction of the roundabout and drainage took place with flagging operations to carefully direct traffic and keep a safe work zone. Critical coordination was required with utility companies like NOVEC, Verizon, COX and Fiberlight. The Project also had a lot of rock excavation.

Client Praise

“Design-Builder (DB) was prompt in addressing issues that would affect the construction schedule, in a proactive manner. DB maintained good professional relationships with all the stakeholders to promote partnering spirit.” – Chan Basnayake, P.E., Area Construction Engineer

Client References

Mr. Oscar Jamilla, Sr. Construction Manager, Virginia Department of Transportation
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Key Personnel

Sam Patel – Design Build Project Manager
Garen Khoranian – Construction Manager

