

VEHICLE DETECTION SYSTEMS UPGRADES



OVERVIEW

Location: Various locations citywide, Washington, DC

Client: District Department of Transportation

Period of Performance: October 2010 – October 2011

Contract Value: \$3.2 M

FMCC Job No.: 9368

Project Description

This project involved the installation of Vehicle Detection Systems (VDS) at 142 locations throughout Washington, DC. This construction included furnishing and installing sensors, wireless communication devices, field modems and repeaters; all connections, conduit, wiring, cables and associated mounting hardware; and connecting the system to the existing traffic controller communications network.

The project also involved the integration and testing of all modems, servers, equipment, hardware, central software and firmware necessary to implement a fully functional VDS system; training to District Department of Transportation personnel in the installation, maintenance and operation of the permanent equipment and software; and documentation of all design, system, interface, maintenance and operational documentation to DDOT.

Project Significance

This ARRA (Stimulus) Project required a portion of design-build elements consisting of 1,344 sensors, 133 access points, 154 repeaters and 176 modems. Fort Myer teamed with AECOM to design and install 20 locations on two major roadway corridors.

Client References

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Key Personnel

Michael Holland – Vice President, Electrical Construction
John Gordon – Project Manager
Viktor Bolotsko – Superintendent
Bill Hamilton – Foreman

