

RECONSTRUCTION OF KENILWORTH AVENUE NE



OVERVIEW

Location: Kenilworth Avenue NE & I-295, District of Columbia

Client: District Department of Transportation

Period of Performance:
April 2007 – April 2009

Contract Value: \$36.7M

FMCC Job No.: 8740

Project Description

This was a five-phase bridge and roadway reconstruction project on Kenilworth Avenue (I-295) in northeast Washington, DC. Major work included three single-span bridges over Watts Branch Creek, one two-span bridge crossing over Nannie Helen Burroughs Avenue NE, and half a mile of roadway reconstruction and rehabilitation of Kenilworth Avenue NE and the adjacent east and west service roads. Successful completion of this project required drilling caissons for bridge piers, driving steel H-piles for the abutment foundations, ground improvement by compaction grouting to stabilize bridge and retaining wall foundations, and constructing 1500 linear feet of Mechanically Stabilized Earth (MSE) walls. Other work included a new 16" water line and storm drain system, street lighting/traffic signal system, and three art structures with special lighting.

Project Significance

Fort Myer Construction's ability to complete large scale infrastructure projects with a proficient workforce and vast resources is showcased here. Fort Myer minimized delays to nearly 130,000 daily commuters by employing a movable barrier system to maintain three lanes in one direction at any time during construction. This project also required expertise in recognizing differing site conditions and mitigating their impact to the construction schedule.

Client References

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DC Department of Transportation/ Infrastructure Project Management
Administration (IPMA)
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Jacobs, Construction Management
Matthew Jahns, Project Engineer

Key Personnel

Ricky Fernandes – Superintendent, VP, Bridges & Structures Division
Bijan Naderi – Project Manager
Austin Anderson – Project Engineer

