

# IRVING STREET GREEN INFRASTRUCTURE PROJECT



## OVERVIEW

**Location:** Irving Street corridor between Michigan Avenue and North Capitol Street

**Client:** PC Construction for DC Water

**Period of Performance:**  
June 2013 – October 2015

**Contract Value:** \$3.2 M

**FMCC Job No.:** 9820

## Project Description

As part of DC Water's Clean Rivers Project, medium-term Bloomingdale flooding mitigation efforts are underway to reduce storm-water runoff. This is achieved by constructing Green Infrastructure to capture, infiltrate, and treat stormwater runoff before it enters the sewer system. The Irving Street Green Infrastructure Project was an element of this overarching mission and included installation of bioretention ponds (like rain gardens) at 15 sites in median islands and the roadside along the Irving Street corridor between Michigan Avenue and North Capitol Street. Fort Myer Construction was retained by PC Construction to assist with this emergency Design-Build McMillan Sand Filtration and Storm Water Storage Project. Our contract involved site demolition, trucking and disposal, site restoration and paving. We also managed landscaping, erosion control fencing, and PVC line.

## Project Significance

DC Water is currently implementing its Clean Rivers Project, a 13 mile system of tunnels and diversion sewers throughout the District of Columbia to mitigate flooding and reduce combined sewer overflows. These flood control solutions are significant because they are forward-thinking techniques that promote green infrastructure. Fort Myer is a leader in helping DC take on these green, sustainable developments. Innovations like bioretention provide advantages beyond traditional sewer systems, by providing environmental benefits in the form of habitats for animals, clean air & water; enhancing community space; and economic benefits through local jobs creation and increased property values. Examples of other Green Infrastructure techniques include porous pavements, green roofs, which Fort Myer has completed previously, too. In fact, Fort Myer was responsible for installing the first "green" alleyway in the District by installing porous brick pavers, also in the Bloomingdale neighborhood.

## Client References

David Johnson, Project Manager  
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## Key Personnel

Cesar Casanova – Project Manager  
Manuel Cunha and Eleuterio Casanova - Superintendents

