



2017 Washington Building Conference Craftsmanship Award

DDOT - KLINGLE VALLEY TRAIL
Washington, DC

WHY THIS PROJECT IS RELEVANT

- Congested Urban Area
- Community Outreach
- Green Infrastructure
- Permeable Pavement
- Bioretention
- MOT
- On Time and Within Budget
- Phased Project

Delivery Method

Bid-Build

Project Size

.7 Miles

Initial/Final Contract Amount

\$5,796,730/7,611,450

(Owner Initiated Change Orders)

Completion Date

June 2017

Reference

Andy Graf

The original drainage system along Klinge Road was constructed in the 1920s and 30s and became insufficient for dealing with the increased stormwater runoff due to development in Northwest DC during the 20th century, resulting in frequent, severe flooding and unsafe conditions for the public. After thorough study of the area and subsequent legislation, the Klinge Valley Trail project was funded and began construction in 2015. The final project enhanced and modified the damaged and eroded sections of Klinge Road into a pedestrian and bicycle trail using permeable pavement and bioretention ponds to minimize stormwater runoff. The project also restored eroded segments of Klinge Creek and rebuilt drainage structures. The trail now provides safe public access to this section of Rock Creek Park for the first time in 26 years.

Additional aspects of the project included sanitary sewer work, removal of the payment structure, curb, existing drainage system, and associated roadway items; construction of new, and repair of existing, retaining walls, trail lighting, signage and markings; traffic and sediment/erosion control; and landscaping, tree removal and tree protection. During the course of the project, Anchor restored over 12 manholes, installed 18, 24, 36, and 54 inch storm pipe and 18 and 24 inch sewers throughout the length of the project area, and constructed 25 concrete base foundations and installation of 52 LED dark sky friendly light structures and other green infrastructure features.