The Klingle Valley Trail
a “Roads-to-trails” Story

Paul Hoffman
August 17, 2017

District Department of Transportation
Infrastructure Project Management Division
Agenda

About DDOT

Klingele Road’s demise
  • Public controversy builds
  • DPW/DDOT way forward
Environmental documentation and design
  • Draft EIS and EA
  • Designs
Construction
  • Rebuild utilities
  • Stream Restoration
  • Green Infrastructure
  • Permeable Pavement
DDOT is Born

May 2002 – DC Council passes the District Department of Transportation Establishment Act of 2002, creating a cabinet-level agency responsible for the management of transportation infrastructure and operations. Prior to the Act, transportation was managed under the Department of Public Works.
Project Location
Project Location
The public weighs in...

Dear Dr. Gridlo,

Any chance K Street and Woodley leaves office?

Short Road

Dear Dr. Gridlo,

The road Klingel Road Woodley Road for repairs, any, work do?

It was the house on the Klingel Road across Street has 0 of the Klingel Road morning of mile-an-hour.

If you really want people woul.

Don’t Repair Our Road

Here’s an idea for District they seek new ways to cut reopen Klingel Road NW.

The roadway, which runs at Cleveland Park and Rock Creek Park, was closed for runoff problem; in winter, it and cause accidents. But it years now, and who has missed.

Within blocks of the entry three other roads—Porter, that link the west and east a easy access to both Rock C Drive.

Nevertheless, the D.C. go by a federal program million in Park Service fund; million of its own money to thoroughfare. Some say the for “safety” reasons so that have easier access across safety really been at risk for.

Klingel Road

Is Sorely Missed

William and Kimberly Woodwell ask “who has missed” Klingel Road NW [Close to Home, Sept. 11]. My family has.

We go into Rock Creek Park for recreational purposes six times a week. The closing of Klingel Road (it has actually been nearly five years—funny how time flies when you’re having fun) has meant that we have had to join, and add to, the traffic on Connecticut Avenue in order to enter the park.

It is scandal enough that this road has remained closed for so long, but for a privileged few living nearby to suggest that this public street should be permanently turned into their private jogging trail and dog-walk is outrageous.

I only hope that their assertion that repair is finally imminent is true.

ELLEN HERSCHER
Washington
Right-of-way

- Tregaron Conservancy
- Gov’t of India
- NPS
- National Zoo
- WMATA
### Timeline...

<table>
<thead>
<tr>
<th>Event</th>
<th>Year</th>
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<tbody>
<tr>
<td>Original Klingle Road</td>
<td>1831</td>
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<tr>
<td>Current Klingle Road Alignment</td>
<td>1930s</td>
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<tr>
<td><strong>Klingle Road Closed to Public</strong></td>
<td><strong>1991</strong></td>
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<tr>
<td>Klingle Road Feasibility Study</td>
<td>2001</td>
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<tr>
<td>Klingle Road Restoration Act</td>
<td>2003</td>
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<tr>
<td>Draft Environmental Impact Statement</td>
<td>2005</td>
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<tr>
<td>Klingle Road Sustainable Development Amendment Act</td>
<td>2008</td>
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<tr>
<td>Final Environmental Assessment</td>
<td>2011</td>
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<tr>
<td>Final Design Complete</td>
<td>October 2014</td>
</tr>
<tr>
<td>Construction Start</td>
<td>July 2015</td>
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<tr>
<td>Construction Complete</td>
<td>June 2017</td>
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</tbody>
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Keys to Design

• Stream Restoration
  – **Restore** 4 heavily damaged segments of Klingle Creek

• Utilities
  – Washington Gas: Full replacement of existing transmission line
  – DC Water: Rehab/replacement of sanitary sewer along trail
    • 2000+ LF of Cured-In-Place Pipe

• Trail
  – **Permeable pavement** (DDOT Green Infrastructure compliant)
  – **Connections** to Porter Street and Rock Creek Trail
  – Install **lighting** along trail

• Retaining Walls
  – **Construct new retaining wall** using salvaged stone
  – **Repoint existing retaining walls**
Keys to Design (cont.)

• Stormwater
  – Install new drainage structures along trail
  – Install bioretention facility and bioswale
  – Install flood control structure

• Urban Forestry/Landscaping
  – Remove/replace hazardous trees
  – Re-establish Klingle Creek floodplain
Gas Line Replacement

Phase 1

Phase 2

Phase 3

Phase 4
Sanitary Sewer Rehab
Stream Restoration
STREAM RESTORATION
Existing Conditions

RETAINING WALLS
Retaining Walls
National Park Service & DDOT

INTERCHANGE CONNECTIONS
Porter Street Interchange

Stage 3

Stage 2A

Stage 2
Permeable Pavement

- 0.7 miles
- Permeable pavement
  - Creates a reservoir to store stormwater on site
  - Green Infrastructure
Trail Construction

Excavation to Subgrade

Porous Stone Reservoir
Lighting

- 52 new LED light poles
- Phillips Metroscape Fixture
- Coordinated with NPS
- Approved by the International Dark-Sky Association
- No ‘up-lighting’
Future Challenges

• Operations & Maintenance
  – Regular vacuuming to maintain pavement
  – Winter safety – can’t use sand/salt
  – Bioretention/stormwater facility maintenance

• Public safety
  – Metropolitan Police / National Park Police jurisdictions
  – Vandalism
  – Falling trees
  – Neighborhood opposition to lighting

• Access
  – No access from Connecticut Avenue
  – Very limited street parking
Trail Opening

- June 24, 2017 Ribbon Cutting Ceremony
  - Attended by D.C. Mayor Muriel Bowser
  - Covered by multiple news outlets
    - Washington Post
    - WTOP
    - WAMU

After 26-year wait, Klinge Road trail is set to open

By Mary Hui June 23

What was once a ghost road becomes DC's newest trail

By Mike Murillo | @MikeMurilloWTOP
June 24, 2017 7:16 pm

At a ribbon cutting ceremony on Saturday, D.C. Mayor Muriel Bowser officially opened the Klinge Valley Trail, a nearly mile-long path that was once regarded as a ghost road.
DDOT thanks

Design Team

- Stantec
- Mercado Consultants, Inc.
- Coastal Resources, Inc.
- BvF Engineering, Inc.
- HNTB
- Anchor Construction Corporation
- EQR Environmental Quality Resources
- M.C. Dean Building Intelligence
Questions