Rock Creek Park Multi-Use Trail and Pedestrian Bridge Project

ANC Meeting
March 19, 2018

Maintenance of Traffic Overview

District Department of Transportation
National Park Service
Agenda

• Opening Remarks
• Project Overview
• Closures and Detours
• Q&A/Discussion
Project Overview

- Total length of work ~ 3.6 miles
- Rock Creek Park Multi-Use Trail from the Broad Branch/Grove 2 North parking area to P Street, NW;
- Piney Branch Trail - from Beach Drive NW to Arkansas Avenue, NW - new 4,859-foot (0.9 mile) segment;
- Rose Park Trail – rehabilitation/widening of 1,929-foot (0.4 mile) segment.
- Spans wards 1, 2, 3, & 4
Project Overview

- **Schedule**
  - Final Design, Permitting, and Approvals complete
  - Advertise: Spring 2018
  - Begin Construction: Summer 2018

- **Construction Cost**
  - Estimated at $12 million.
Pre-Construction

- Mobilization
- Submittals
- Review and approvals
- Fabrication & Delivery of Materials
- 2 months
Detours and Closures

- Stages 1 - 7
- 24 – 27 month construction duration
- Proceed from south to north
- Allow for overlap of stages
- No lane closures in peak hours
- Avoid conflicts with Beach Drive NW reconstruction
Detours and Closures: Stage 1

- **Duration:** 4 months

- **Impacts to Motorists**
  - Maintain one lane along P Street NW ramp; close ramp to traffic from Rock Creek & Potomac Parkway SB;
  - Signed detour route: Penn. Ave NW, L Street NW, 22nd Ave NW
  - Unsigned detour route: RCPP to K Street NW, 29th Street NW
Detours and Closures: Stage 1

- Impacts to Bikes/Peds
  - Close Rose Park Trail
  - Signed detour route: RCPT to Pennsylvania Ave NW ramp
  - Unsigned detour routes available along neighborhood sidewalks to the west
Detours and Closures: Stage 2

- **Duration:** 4 months

- **Impacts to Motorists**
  - Rock Creek & Potomac Parkway: off-peak lane closures

- **Impacts to Bikes/Peds**
  - Close RCPT from P Street NW to Shoreham Dr NW
  - Signed detour route: Florida Ave NW, 19th St NW, Calvert St NW
  - Unsigned detour route: Through Dumbarton Oaks Park/Montrose Park
Detours and Closures: Stage 3

- **Impacts to Bikes/Peds**
  - **Duration**: 3 months
  - Close Zoo loop trail
  - Bikes/peds use tunnel sidewalk
  - During Beach Drive NW closures for ped bridge construction, bikes/peds to use roadway
Pedestrian Bridge Construction

- Work will run concurrent with multiple Stages (1 thru 4)
- Maintain ped/bike access throughout construction
- Intermittent vehicular closures of Beach Drive NW
Pedestrian Bridge Construction

- **Duration:** 6-8 months
- **Impacts to Motorists**
  - Beach Drive NW: off-peak / intermittent closures for critical construction tasks
  - 10 am – 3 pm, Monday thru Friday,
  - Night-time
  - Two weekends ~58 hour continuous shifts
- **Signed detour route:** Tilden St NW, Connecticut Ave NW, Cathedral Ave NW

[Map showing detour routes and construction areas]
Stage 3: Pedestrian Bridge

Aerial View
Stage 3: Pedestrian Bridge

Elevation View
Stage 3: Pedestrian Bridge

Deck View
Detours and Closures: Stage 4

- **Duration:** 2-4 months
- **Impacts to Motorists:** N/A
- **Impacts to Bikes/Peds**
  - Close Western Ridge Trail from Porter Street NW to Bluffs Footbridge
  - Use new trail along Beach Drive NW, currently under construction by EFLHD
Detours and Closures: Stage 5

- **Duration:** 4-6 months
- **Impacts to Motorists**
  - Close Piney Branch Parkway NW to WB traffic; maintain EB traffic
  - Signed detour route: 16th St NW, Park Rd NW, Klingel Rd NW, Porter St NW

![Map of Stage 5 vehicular detour](attachment:image.png)

- Proposed Retaining Wall Repair; 1000-ft trail paving along road
Detours and Closures: Stage 5

- Impacts to Bikes/Peds
  - Close Piney Branch social trail
  - Signed detour route: 16th St NW, Park Rd NW, Klinge Rd NW, Porter St NW
  - Unsigned route available through woods south of parkway
Detours and Closures: Stage 6

- **Duration:** 3 months
- **Impacts to Motorists:** N/A
- **Impacts to Bikes/Peds**
  - Close RCPT from Grove 1 picnic area to Peirce Mill
  - Install temporary turf-decking trail; utilize Tilden Street NW raised crosswalk
Detours and Closures: Stage 6

- Turfdeck - Temporary trail solution
- Stage 6 bypass route
Detours and Closures: Stage 7A

- **Duration:** 3 months

- **Impacts to Motorists:** N/A

- **Impacts to Bikes/Peds**
  - Close social trail from Peirce Mill to Broad Branch Rd NW
  - Bikes/peds use existing trail from Peirce Mill to Grove 2 parking lot
Detours and Closures: Stage 7B

- **Duration:** 2 month
- **Impacts to Motorists:** N/A
- **Impacts to Bikes/Peds**
  - Close existing trail from Peirce Mill to Grove 2 parking lot
  - Bikes/peds use new trail from Peirce Mill to Broad Branch Rd NW
Q & A / Discussion
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