

# 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

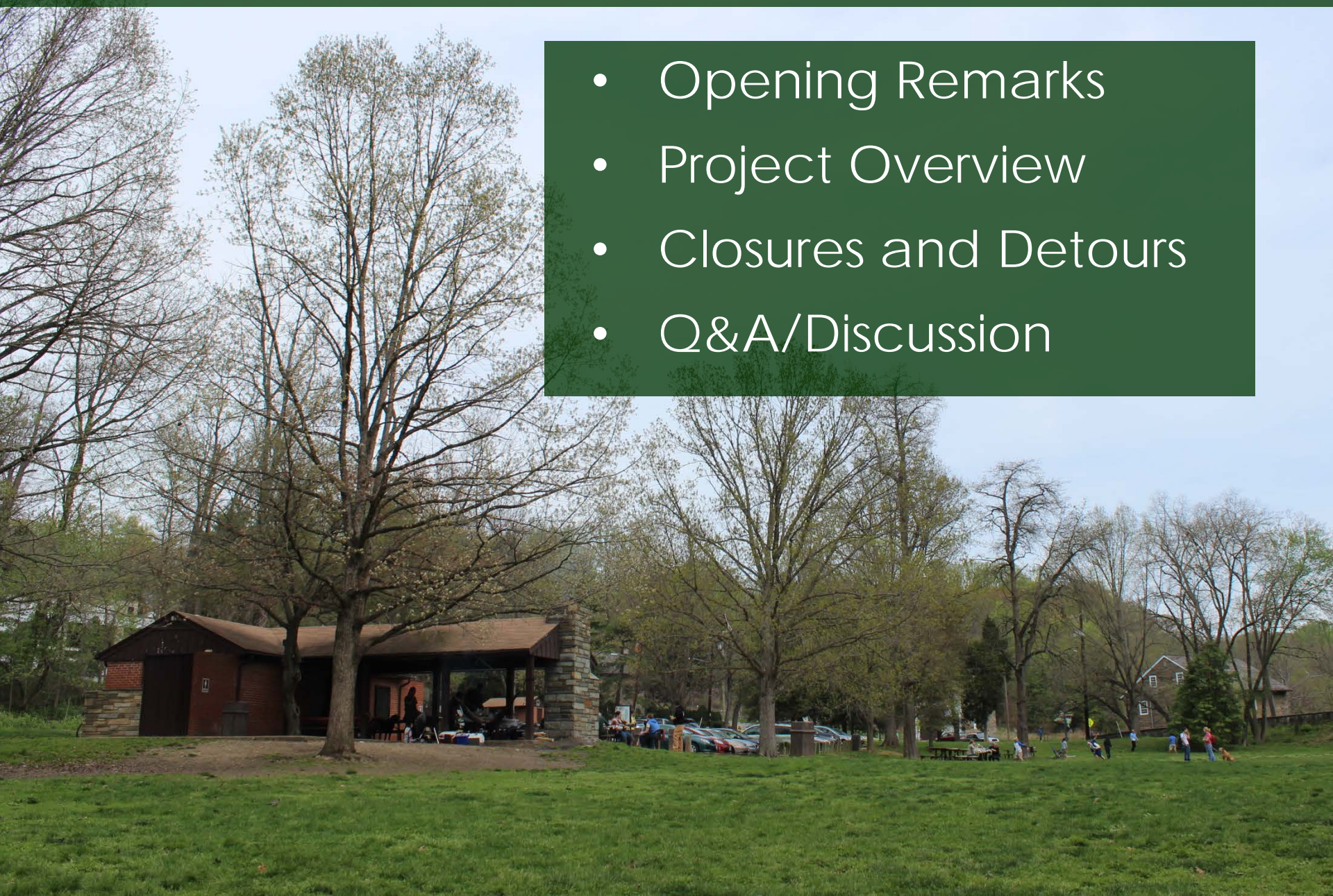
Shoreham  
Drive





# 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

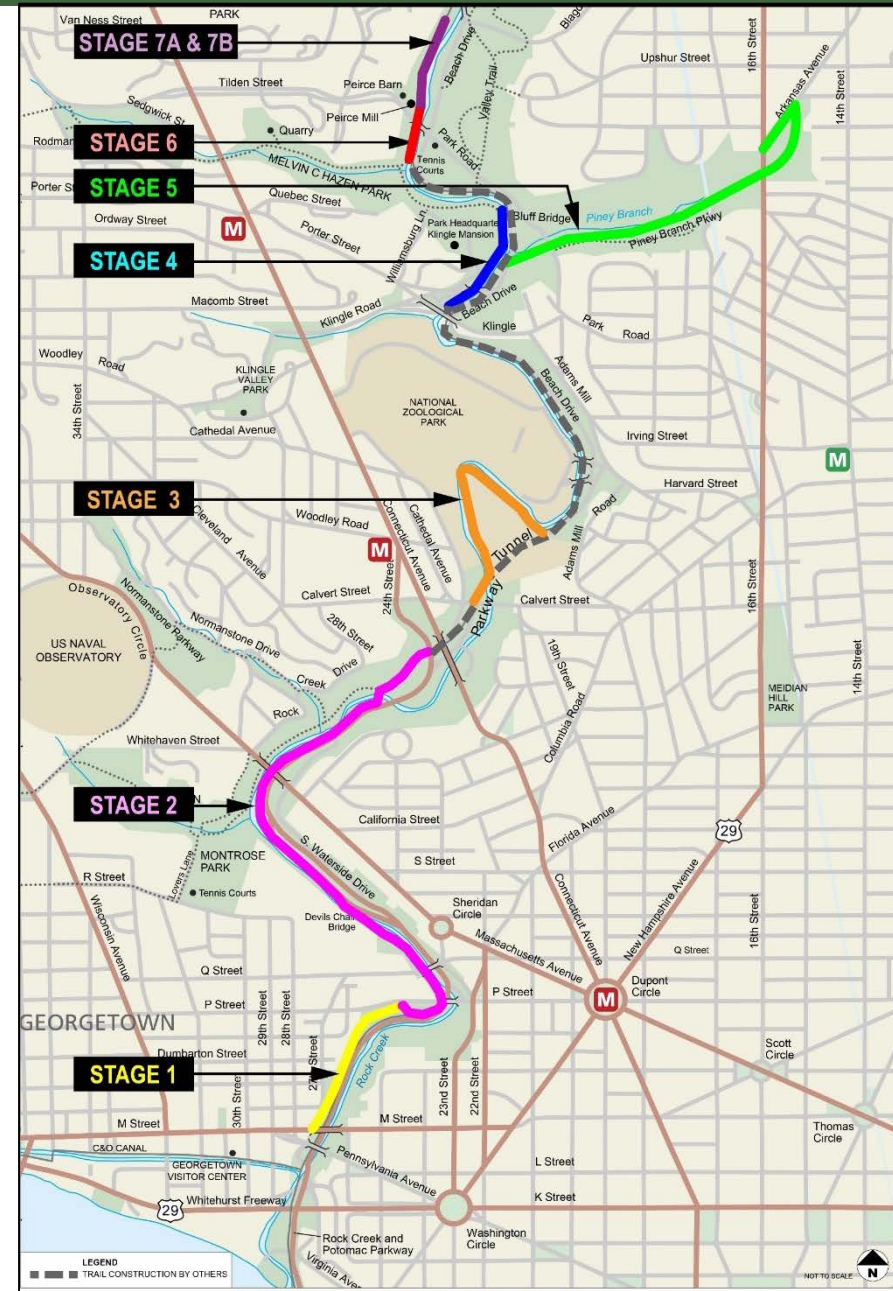
- Mobilization
- Submittals
- Review and approvals
- Fabrication & Delivery of Materials
- 2 months





# Detours and Closures

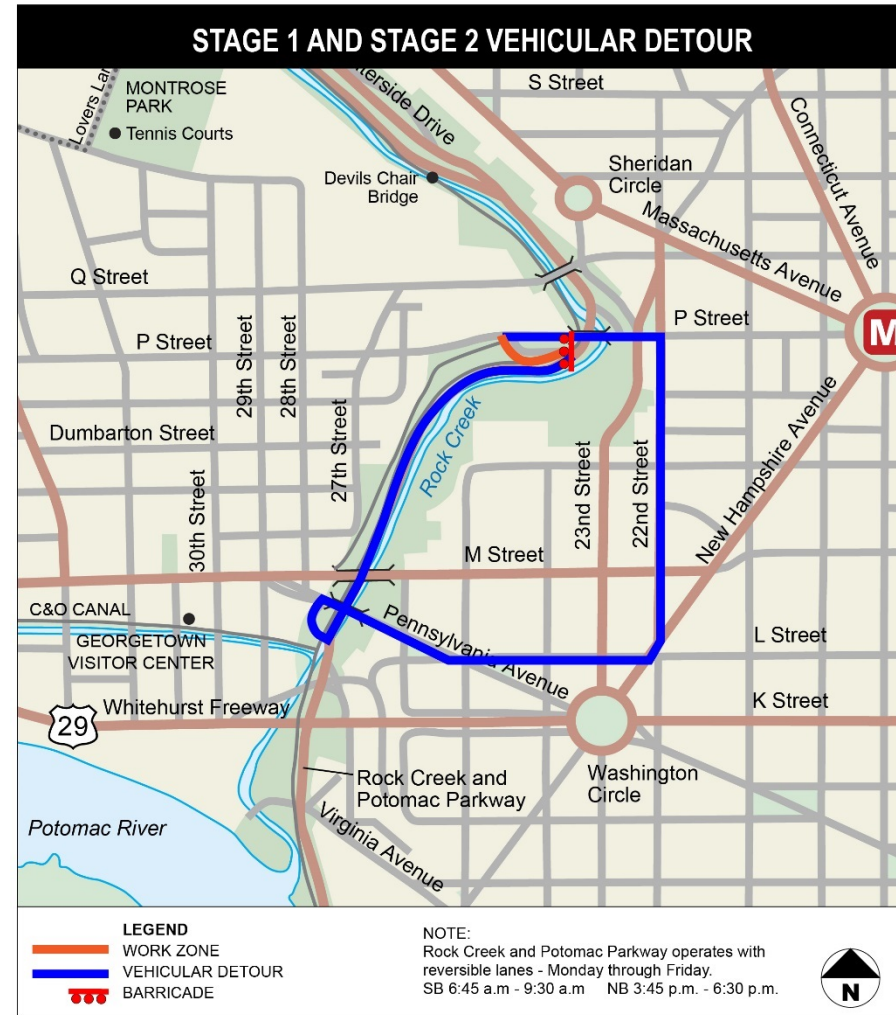
- Stages 1 - 7
- 24 – 27 month construction duration
- Proceed from south to north
- Allow for overlap of stages
- No lane closures in peak hours
- Avoid conflicts with Beach Drive NW reconstruction





# 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, 22<sup>nd</sup> Ave NW
  - Unsigned detour route: RCPP to K Street NW, 29<sup>th</sup> Street NW

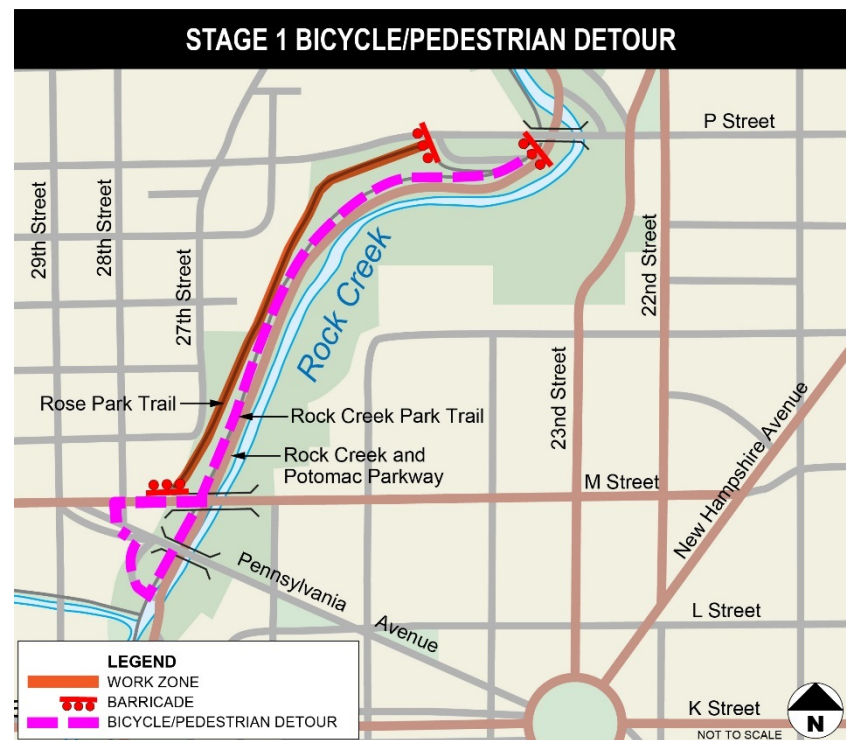






# Detours and Closures: Stage 1

- 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

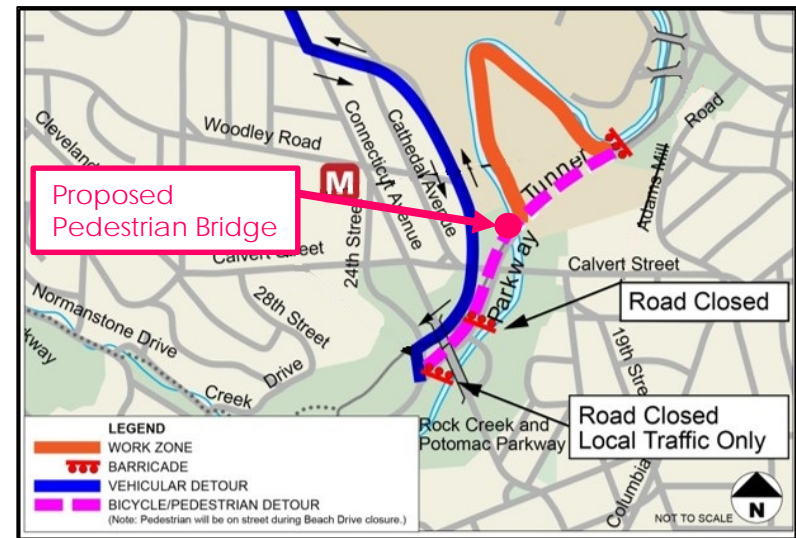
- **Duration: 4 months**
- Impacts to Motorists
  - Rock Creek & Potomac Parkway: off-peak lane closures
- Impacts to Bikes/Peds
  - Close RCPT from P Street NW to Shoreham Dr NW
  - Signed detour route: Florida Ave NW, 19<sup>th</sup> St NW, Calvert St NW
  - Unsigned detour route: Through Dumbarton 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 1
  - 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





# Stage 3: Pedestrian Bridge

## Aerial View





# Stage 3: Pedestrian Bridge

## Elevation View





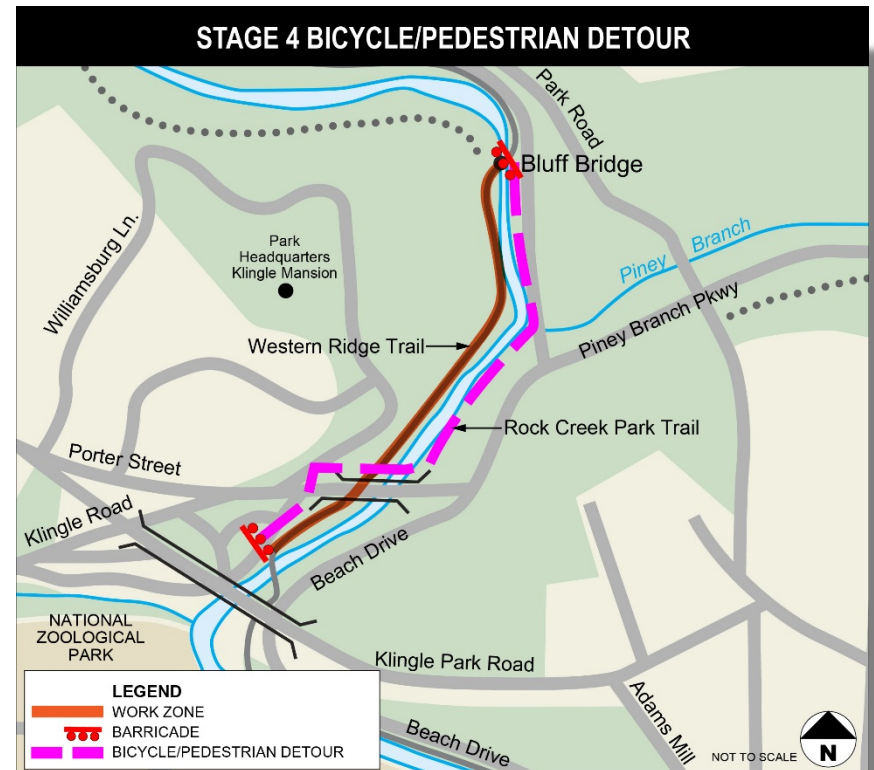
# Stage 3: Pedestrian Bridge

## Deck View



# Detours and Closures: Stage 4

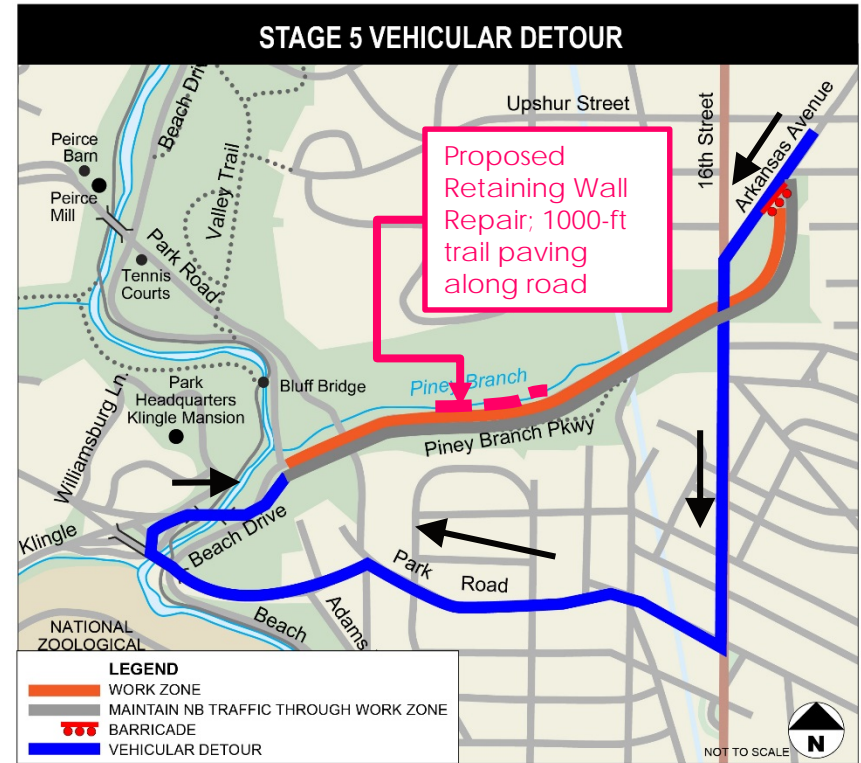
- **Duration: 2-4 months**
- Impacts to Motorists:  
N/A
- Impacts to Bikes/Peds
  - Close Western Ridge Trail from Porter Street NW to Bluffs Footbridge
  - Use new trail along Beach Drive NW, currently under construction by EFLHD





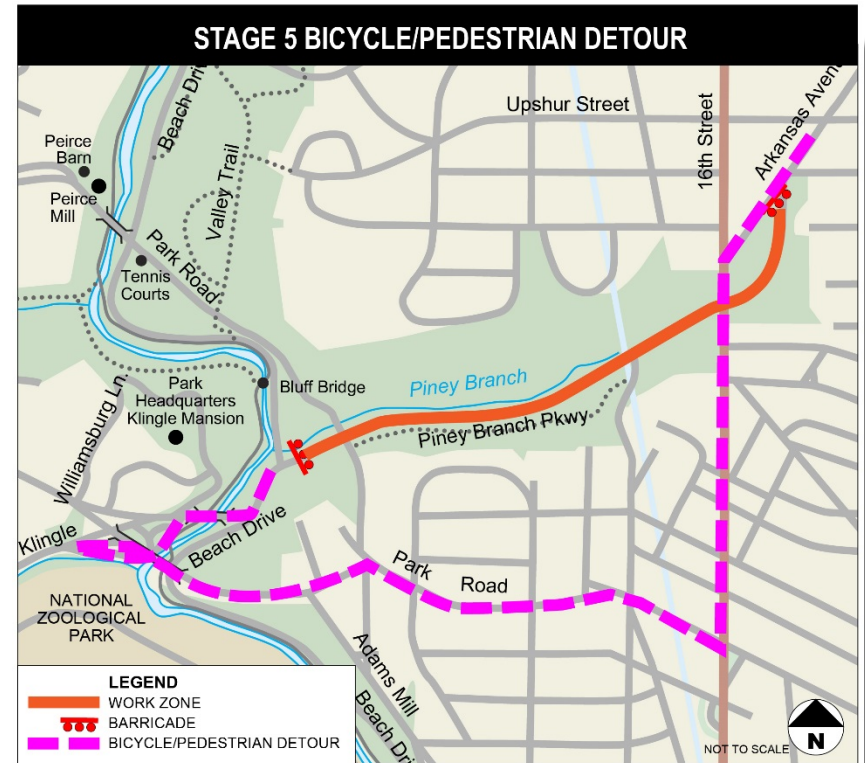
# Detours and Closures: Stage 5

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



# Detours and Closures: Stage 5

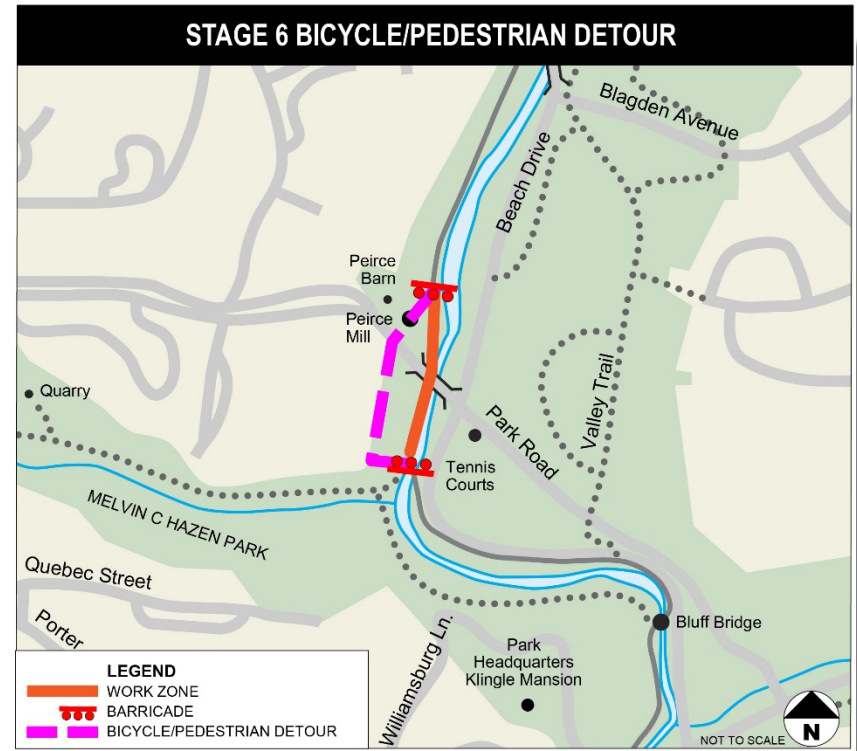
- Impacts to Bikes/Peds
  - Close Piney Branch social trail
  - Signed detour route: 16<sup>th</sup> St NW, Park Rd NW, Klingle Rd NW, Porter St NW
  - Unsigned route available through woods south of parkway





# 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

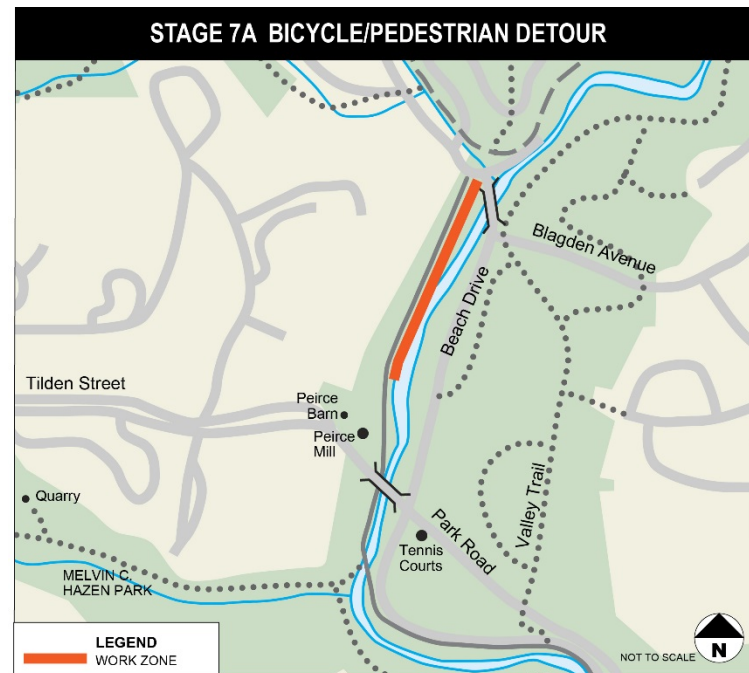






# Detours and Closures: Stage 7A

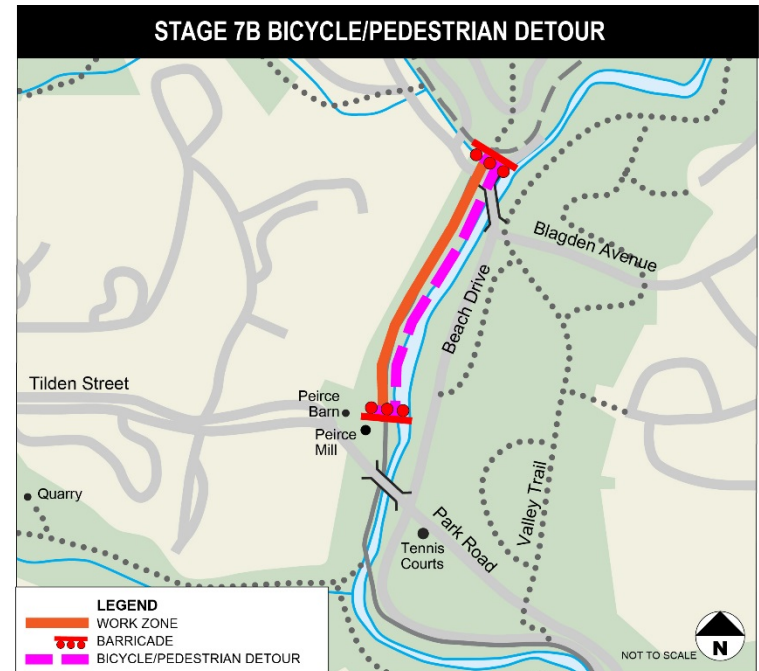
- **Duration: 3 months**
- Impacts to Motorists:  
N/A
- Impacts to Bikes/Peds
  - Close social trail from Peirce Mill to Broad Branch Rd NW
  - Bikes/peds use existing trail from Peirce Mill to Grove 2 parking lot





# 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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<http://ddot.dc.gov/page/rock-creek-park-multi-use-trail-rehabilitation-project>