CHESAPEAKE & OHIO CANAL NATIONAL HISTORICAL PARK
GEORGETOWN CANAL PLAN
AGENDA

5:15   Check-In begins

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6:00   Welcome - Georgetown Heritage

6:05   Introduction - National Park Service

6:15   Canal Plan Presentation - James Corner Field Operations

6:45   Open House Instructions

6:50   Open House Canal Plan Stations

7:55   Closing Remarks

8:00   Meeting Adjourns. Additional conversation

8:15   Departure
Georgetown Heritage
A Community Organization

✓ Our Goals
Interpretation + Education + Preservation + Revitalization
Georgetown Canal Plan
A Partnership to Create a Concept Design

Restore, revitalize, and reimagine the one-mile section of the C&O Canal in Georgetown

• Working Together:
  • National Park Service
  • Georgetown Heritage
  • Georgetown Business Improvement District
  • DC Office of Planning
Vision for the Georgetown Canal Plan

Design a sustainable, maintainable, ecologically sensitive, safe and accessible urban place that serves a diverse group of users.

Celebrate and respect the park’s historic character and sense of place.

Provide active and passive recreational opportunities, essential services, events and programs.
Chesapeake and Ohio Canal National Historical Park

Established on January 8, 1971 to “preserve and interpret the historic and scenic features of the Chesapeake and Ohio Canal, and to develop the potential of the canal for public recreation...”
Nationally Significant: 19th Century American Transportation and Engineering

- 1828 Construction Began
- 1850 Construction Completed in Cumberland
- 1924 Navigation Ends
- 1938 U.S. Government Acquires
- 1961 National Monument
- 1971 National Historical Park

• 74 canal locks
• 11 aqueducts
• 240+ culverts
• 3,118 ft Paw Paw Tunnel
• 1 Incline Plane
Many Layers of Significance

Commerce
Military
Ethnic Heritage
Architecture
Conservation & Recreation
Agriculture
Industry & Commerce
Transportation
Community Development
Recreation
Archaeological Importance
Inspired a generation of conservationists

Exceptional preservation of American canal transportation and engineering technology

One of the most heavily used trails in the nation

Encompasses significant places for the research, understanding, and interpretation of the cultural and social history of the Potomac River Basin.

Covers three physiographic provinces; a unique riparian ecosystem

4.8 million visitors per year
The C&O Canal: A Continuous Corridor
The Mules Tread Here
NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

SECTION 106 OF THE NATIONAL HISTORIC PRESERVATION ACT
NEPA

NEPA requires Federal agencies to consider the impacts of their proposed activities, programs, and projects on the environment.

NPS, in cooperation with Georgetown Heritage, Georgetown BID and the D.C. Government, have initiated work on an Environmental Assessment (EA) to be integrated with the Section 106 process.

Alternatives will be presented during the NEPA process and will be updated to reflect stakeholder and agency feedback.

Public input on the Alternatives is an important part of the NEPA process. The Project Team is seeking your feedback on the concept alternatives presented tonight. The Alternatives will be revised based on your suggestions and will be analyzed in the EA.
SECTION 106 OF THE NHPA

Section 106 requires Federal agencies to consider the effects of their actions ("undertakings") on historic properties.

Requires consultation to seek, discuss, and consider the views of "consulting parties" who are invited to participate in the process.

Consulting parties participate through a series of meetings to:

- IDENTIFY historic properties within the Area of Potential Effects;
- ASSESS adverse effects on historic properties; and
- RESOLVE those adverse effects through avoidance, minimization, and mitigation strategies.
<table>
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<th>Step</th>
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| 1 - Scoping | Initiate Section 106 Process  
Gather Information on Existing Conditions & Historic Properties  
Identify Issues to Evaluate in Planning Process |
| 2 - Develop Alternatives | Develop Viable Project Alternatives that Meet Purpose and Need  
Identify and Assess Impacts on Significant Cultural Resources  
Determine Environmental Impacts |
| 3 - Consultation | Evaluate Adverse Effects  
Develop Resolution Strategies for Adverse Effects |
| 4 - Prepare EA | EA will Evaluate Environmental and Cultural Impacts and Outline Mitigation Strategies  
Release EA to Public for a 30-Day Comment Period |
| 5 - Conclusion | Review and Respond to Public Comments  
Prepare NEPA Decision Document (FONSI or NOI)  
Conclude Section 106 Process (MOA or PA) |

**NEPA & Section 106 Process**
16-MONTH CONCEPTUAL DESIGN

1. PRE-DESIGN + SITE ANALYSIS + PUBLIC SCOPING
   - Initial project briefing
   - Pre-design report due
   - Public mtg #1
   - WE ARE HERE

2. CONCEPT DEVELOPMENT + REFINEMENT
   - Draft concept report due
   - Public mtg #2
   - Concept report due

3. FINALIZE PLAN + COST ESTIMATE / O + M
   - Final design mtg #3
   - Public estimate / O&M plan

4. SIGN-OFF on ENVIRONMENTAL COMPLIANCE
   - Project complete

- Working period
- Review period
- Deadline
- Public meeting / agency coordination
184.5 MILES
One National Park

GEORGETOWN
FLETCHER'S COVE
GREAT FALLS
OLMSTED ISLAND

HARPER'S FERRY
LOCK 10
LOCK 21
CUMBERLAND
A WORKING CANAL LANDSCAPE

BOATS

MULES

LOCKS
MILE ONE
Restoring the C&O Canal's Vibrancy in Georgetown
ALEXANDRIA AQUEDUCT
BOAT HOUSE
THICKET
KEY BRIDGE UNDERPASS
FORESTED SLOPE
POTOMAC CONNECTION
DUCKS

CRAB MYRTLE CANOPY
FLOWERING WALL
SUNKEN FACADES
MOSSY GARDENS

LINDEN GROVE
FISH MARKET SQUARE
WISTERIA OVERLOOK
SOUTHERN TRAIL TERMINUS

BIG STONE WALL
GRANITE OUTCROP
POWER PLANT STACK
WISCONSIN AVE STAIRCASE

WISCONSIN AVE UNDERPASS
LEANING MULBERRY & BIRCHES
PIONEER FOREST

TREES OF HEAVEN
OLD ROWHOMES
LOCK 4
COMMERCIAL PLAZA
MULE YARD
LOCK 3
SUNNY LAWN
SHADY LAWN
LOCK 2

SLOPED LAWN
LOCK 1
PLANE TREE GROVE
ROCK CREEK CONFLUENCE
TURTLES

ROCK CREEK TIDE LOCK
MILE 9 BEACH
WHAT WE HEARD
Previous Public Meeting

WHAT DO YOU LOVE

WHAT WOULD YOU TRANSFORM

CHESAPEAKE & OHIO CANAL
NATIONAL HISTORICAL PARK
A CONCEPT PLAN FOR GEORGETOWN
WHAT WE HEARD
Previous Public Meeting

WHAT DO YOU LOVE

WHAT WOULD YOU TRANSFORM

The areas around the Locks and the Aqueduct

- The great views of the Potomac
- Love the shade of the Trees.
- There used to be small music gatherings on the canal.
- Bring them back!
- The sense of history
- Strolling
- Loved the live performances
- I love the sound of running water.
- A quick escape to nature
WHAT WE HEARD
Previous Public Meeting

WHAT DO YOU LOVE?

Great place, but needs programming

WHAT WOULD YOU TRANSFORM?

The areas around Mile Marker 0, Fish Market Square, and the Aqueduct

Add more seating

Who is going to maintain this?

Accessibility

Incorporate Canal with Rock Creek Park.

Need sensible lighting.

Encourage cyclists to use Water St. rather than the Towpath

Increase the diversity of uses on the canal.

Need to connect to Capital Crescent Trail.

Encourage cyclists to use Water St. rather than the Towpath

We need to better explain the site’s rich history.

I miss the sound of running water.
DESIGN FRAMEWORK

1 Continuous Path

8 Landscapes

5 Gateways
HISTORIC SIGNIFICANCE

INFORMAL CHARM
TOWPATHS
Google Image Search for "Towpath"
TOWPATH TODAY
TOWPATH

“The Walls” Between Wisconsin Ave & Potomac St.
TOWPATH TODAY

7-8.5’

3’ 4’ 1’

GRASS STRIP
MEANDERING PATH
VEGETATED EDGE
ALTERNATIVE ‘A’
Reestablishing Wall Top and Leveling the Surface
ALTERNATIVE ‘A’
Reestablishing Wall Top and Leveling the Surface
ALTERNATIVE 'B'
A Subtle Cantilever to Increase Width & Maintain Planting

VEGETATION, LIGHTING, & OCCASIONAL SEATING
LEVEL PATH
CANTILEVERED EDGE
ALTERNATIVE ‘B’
A Subtle Cantilever to Increase Width & Maintain Planting

9'

VEGETATION, LIGHTING, & OCCASIONAL SEATING
LEVEL PATH
STABILIZED TOP OF WALL
ALTERNATIVE ‘C’
Increasing Dimension but Maintaining Spatial Ensemble
ALTERNATIVE ‘C’
Increasing Dimension but Maintaining Spatial Ensemble

VEGETATION, LIGHTING, & OCCASIONAL SEATING
LEVEL PATH
VARIABLE PATH EDGE DETAIL
VEGETATED EDGE
5 GATEWAYS
ACCESS ENTRY POINTS
Physical and Visual Entries
ENHANCED ACCESSIBILITY
Strategies for a Welcoming & Inclusive Park
8 LANDSCAPES
MILE MARKER '0'

Alternative B

Repair on Historic Canal Structures
1. Stabilized Remnants of Original Waste Gate
2. Mile Marker 0 Re-Framed as River Overlook*
3. Repaired Tide Lock Walls*
4. Reinterpreted Rock Creek Towpath
5. Repaired Sea Wall

New Feature Enhancements
6. Waste Gate Bridge & Overlook
7. Native Riparian Planting
8. Potomac Yard & Seating Lounge
9. Kiosk & Rest Room (assumes renovation of boat center)
10. Bike Parking & Service Station
11. Floating Classroom
12. Alternative Bridge Location

*Resources earmarked as “contributing” in NPS Cultural Landscape Inventory
MILE MARKER ‘0’
Alternative B
8 LANDSCAPES

ROCK CREEK
ROCK CREEK PARK
Alternative A

Repair on Historic Canal Structures
1. Widened + Resurfaced Trail

New Feature Enhancements
2. K & 29th Street Crossings
3. Restored Riparian Edge

WHITETHURST FREEWAY (OVERHEAD)

2900 K STREET NW

BOATHOUSE PARKING
ROCK CREEK PARK

Alternative A

Repair on Historic Canal Structures
1. Widened + Resurfaced Trail

New Feature Enhancements
2. Rock Creek Boardwalk
3. K-Street Bridge
4. Parking Connection
5. Rock Creek Trail
6. Native Riparian Planting

*Resources earmarked as "contributing" in NPS Cultural Landscape Inventory*
ROCK CREEK PARK
A Nature-Immersed Boardwalk
ROCK CREEK CONFLUENCE
Alternative B

Repair on Historic Canal Structures
1. Regraded Towpath
2. Repaired Lock 1 Walls*

New Feature Enhancements
3. Bike Parking & Service Station
4. Pollinator Meadow
5. Nature Classroom & Fishing Pier
6. Tulip Poplar Stand
7. Native Riparian Planting
8. Footbridge
9. Planting & Path
10. Alternative Footbridge
11. Alternative Footbridge

*Resources earmarked as “contributing” in NPS Cultural Landscape Inventory
8 LANDSCAPES
THE LOCKS
EVENTS AT THE LOCKS
THE LOCKS
THE LOCKS
Alternative A: 29th St to Thomas Jefferson St

1. Boat Launch
2. Boat Ticket Kiosk & Public WC
3. Renovated NPS Office & Education Exhibit*
4. Mule Yard & Terrace
5. Native Planting
6. Justice Douglas Bust*
7. Shaded Plaza & Drop-Off*
8. Lock 3 Plaza*
9. Discovery Grove
10. Pollinator Meadow

*Resources earmarked as "contributing" in NPS Cultural Landscape Inventory
THE LOCKS
THE LOCKS
Early 20th Century View East to Veterinary Hospital
THE LOCKS
Alternative A: View West to Existing Visitor Center
THE GROVE
Alternative A: Thomas Jefferson St to Wisconsin Ave

Repair on Historic Canal Structures
1 Regraded Towpath*

New Feature Enhancements
2 Outdoor Tables & Chairs
3 Current Mule Staging Area
4 Leaning Mulberry Grove
5 Birch Groves

*Resources earmarked as "contributing" in NPS Cultural Landscape Inventory
THE GROVE
8 LANDSCAPES

THE WALLS
THE WALLS
Alternative A: Wisconsin Ave to Potomac St

1. Obelisk*
2. Wisconsin Cutout & Catwalk
3. Wisconsin Elevator
4. Wisconsin Seating Steps
5. Powerplant Boardwalk
6. Georgetown Sky Deck
7. Potomac Overlook
8. Potomac Bridge & Ramp
9. Resurfaced Fish Market Plaza
10. Fish Market Shade Grove
THE WALLS
View from Wisconsin Avenue Bridge
THE MARKET PLAZAS
Markethouse from M-Street, c. 1930
THE MARKET PLAZAS
Existing Site
THE MARKET PLAZAS
Alternative B
THE MARKET PLAZAS
Fish Market Square, c. 1910
THE MARKET PLAZAS
THE MARKET PLAZAS
Alternative A
8 LANDSCAPES
THE BEND
THE BEND
Alternative A: Potomac St to 34th St

1. 33rd Street Bridge Ramps
2. Grotto Benches
3. Native Understory Plantings
4. Garden Lounge
5. 34th Street Meet-Up
6. 34th Street Bridge Ramps
7. Enhanced Towpath
8. Elevator
9. 34th Street Bike Connection

*Resources earmarked as “contributing” in NPS Cultural Landscape Inventory.
THE BEND
Alternative B: Potomac St to 34th St

1. 33rd Street Bridge Ramps
2. Garden Lounge
3. 34th Street Meet-Up
4. 34th Street Bridge Ramps
5. 34th Street Bike Connection

*Resources earmarked as “contributing” in NPS Cultural Landscape Inventory.
THE BEND

c. 1923
8 LANDSCAPES
THE AQUEDUCT
THE AQUEDUCT
Various Utilities Through History

A MEANS OF CONVEYING WATER

A BRIDGE
THE AQUEDUCT
Existing Condition
THE AQUEDUCT
Alternative A: Simple Overlook
THE AQUEDUCT
Alternative B: Framed by Trestle Structure
THE AQUEDUCT