

GEORGETOWN CANAL PLAN

C&O CANAL
NATIONAL HISTORICAL PARK
CONSULTING PARTIES MEETING #3

October 23, 2019

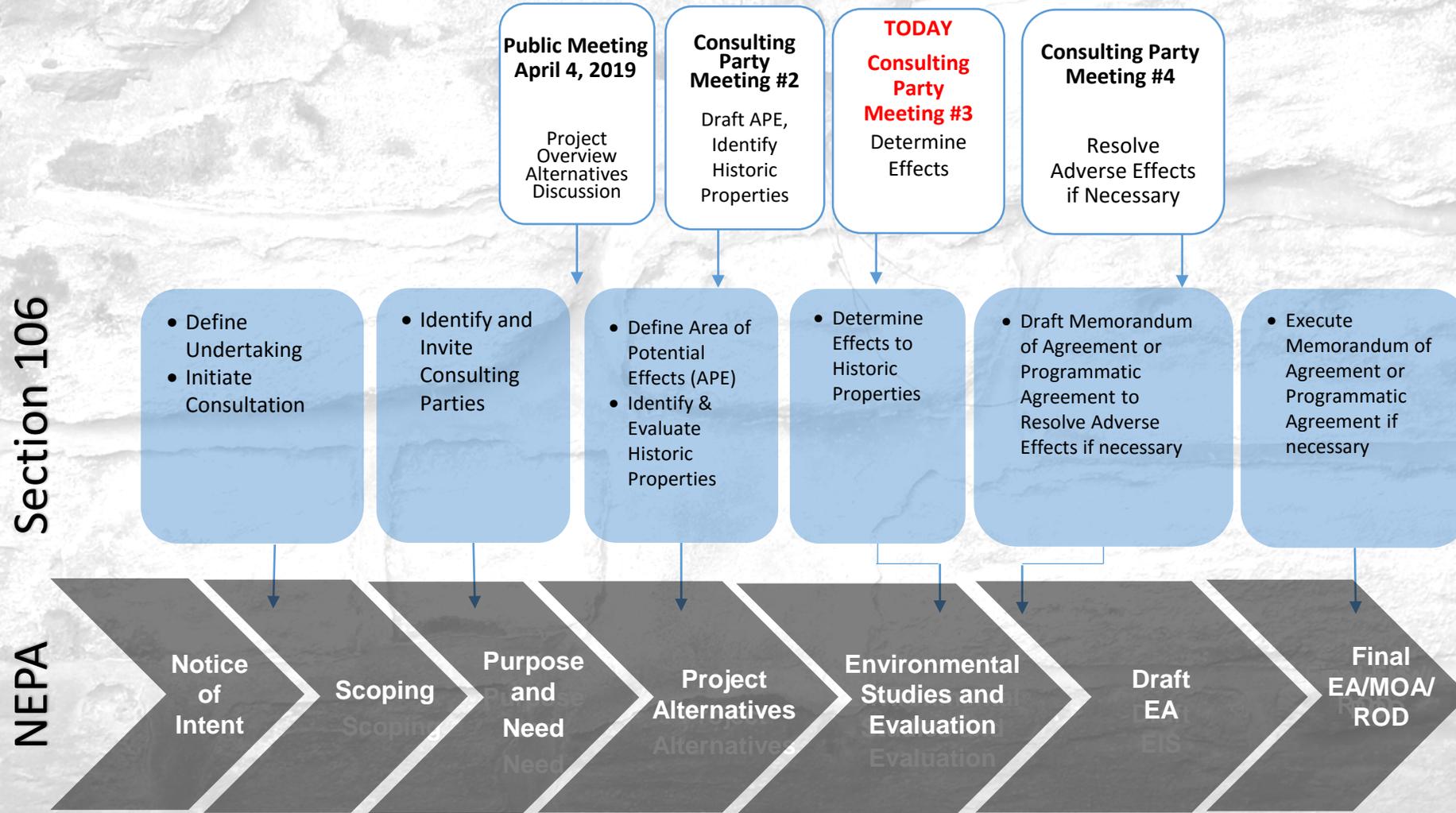


GEORGETOWN DC
BUSINESS IMPROVEMENT DISTRICT

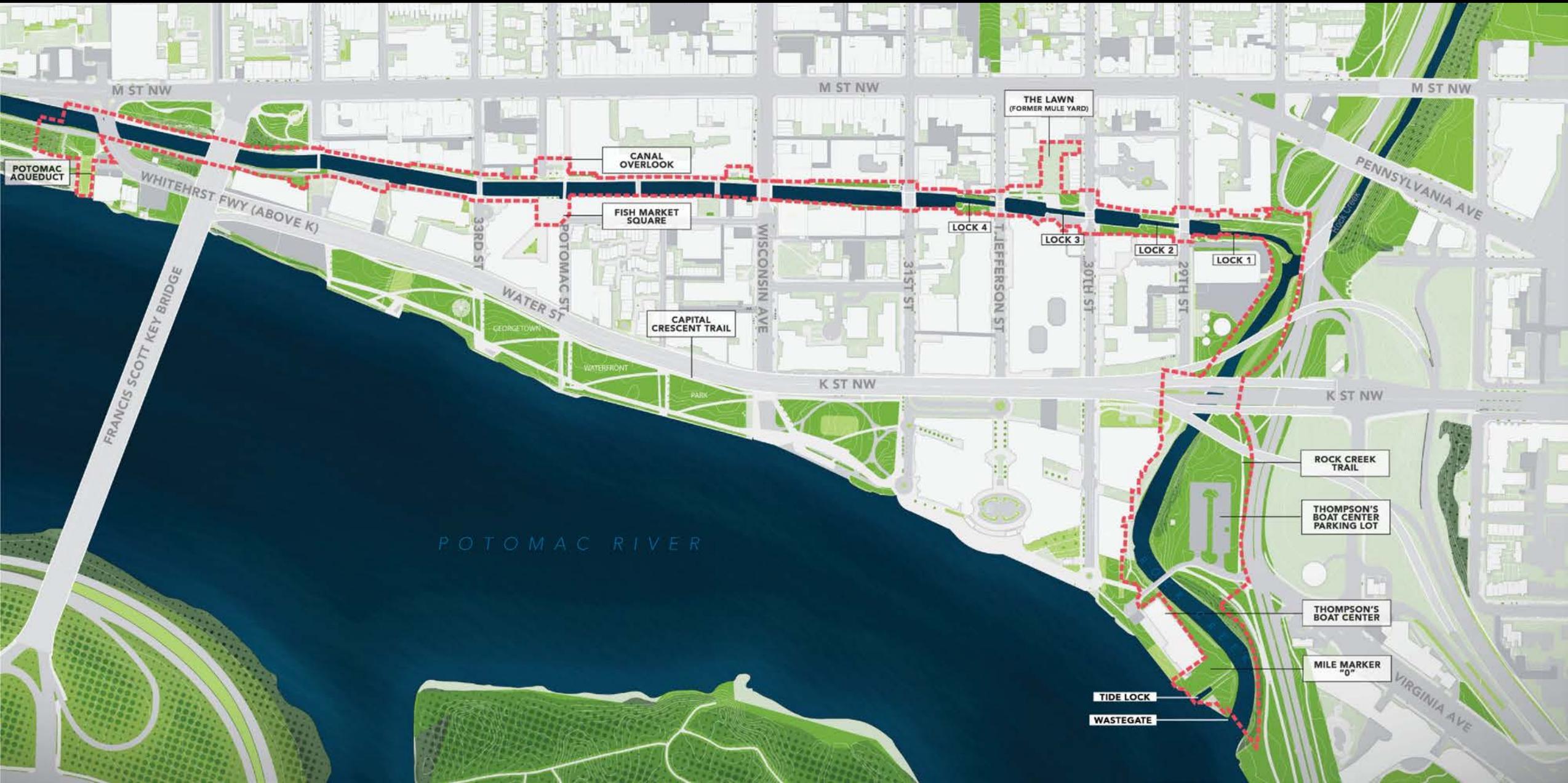
MEETING AGENDA

1. Review Project
2. Purpose and Need
3. Area of Potential Effect
4. Identified Resources
5. Alternatives and Adverse Effects
6. Next Steps

SECTION 106 AND NEPA COORDINATION



PROJECT BACKGROUND AND LOCATION

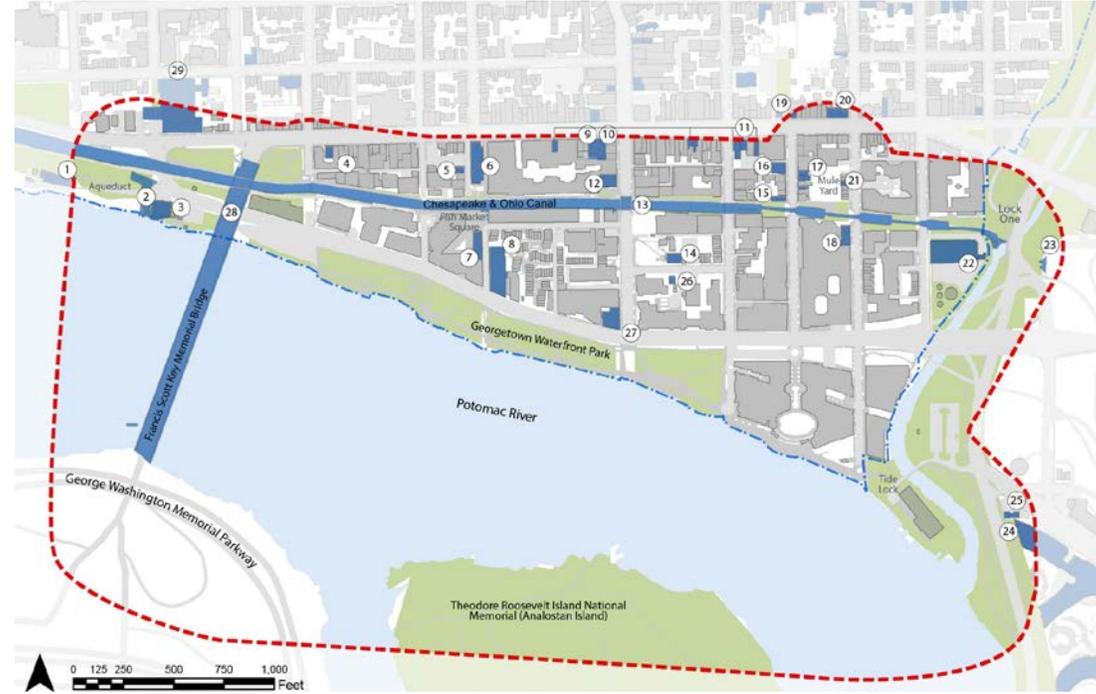


The plan will focus on **addressing deferred maintenance issues and related safety and accessibility** concerns associated with the towpath; **improving connections** between Georgetown and the C&O Canal towpath; **enhancing visitor experience** through increased signage and optimizing underutilized areas.

- Portions of the towpath are uneven, narrow, and poorly lit, creating potential safety hazards;
- Visitors with limited mobility can only access the towpath from Grace Street, NW (south of the canal). All other access points are not compliant with the Architectural Barriers Act Accessibility Standards (ABAAS);
- Many access points to the towpath are not readily visible or unknown due to lack of signage;
- The park desires to expand opportunities for interpretation, education, and cultural programming;
- The park has limited amenities and facilities for visitor comfort such as seating, drinking fountains, and rest rooms; and
- Several plazas along the canal are underutilized and could be developed to provide additional recreational activities.

DRAFT AREA OF POTENTIAL EFFECT (APE)

Expanded based on Consulting Party comments from CP Meeting #2



Key

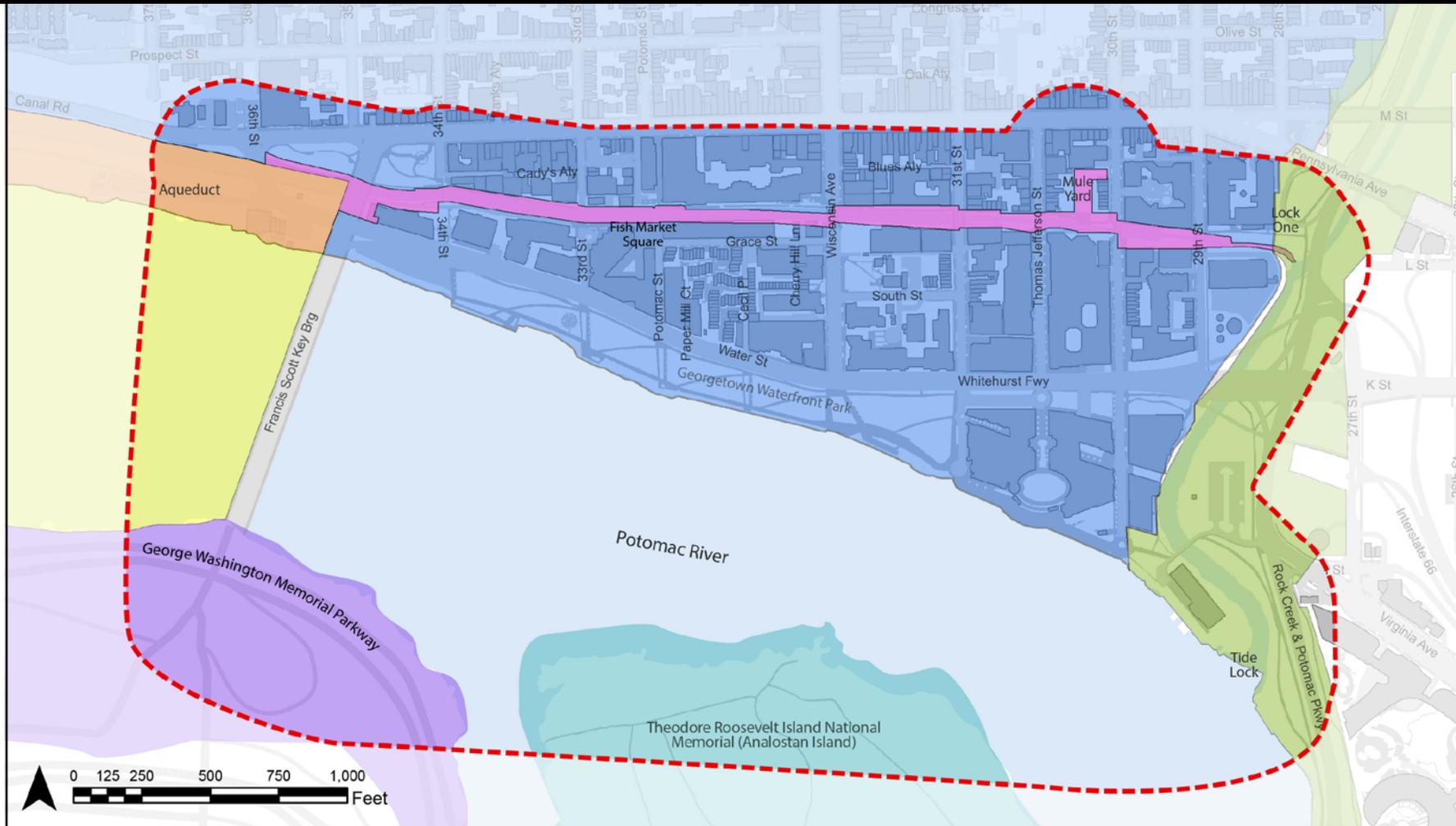
-  Draft APE Boundary (300 ft)
-  Individually Listed Properties
-  Georgetown National Historic Landmark District

Individually Listed Properties*

- | | | |
|--|--|--------------------------------------|
| 1. Washington Canoe Club | 9. Old Engine Company No. 5 | 17. Nicholas Hedges & Federal Houses |
| 2. Potomac Aqueduct Bridge Abutment & Pier | 10. City Tavern | 18. Duvall Foundry |
| 3. Potomac Boat Club | 11. Georgetown Commercial Bldgs. | 19. Loughborough-Patterson House |
| 4. Forrest-Marbury House | 12. Vigilant Fire House | 20. Thomas Sim Lee Corner |
| 5. Joseph Carleton House | 13. Wisconsin Ave. Bridge and Canal Monument | 21. Henry McCleery House |
| 6. Georgetown Market | 14. Grace Church | 22. West Heating Plant |
| 7. Bomford Mill | 15. Potomac Masonic Lodge No. 5 | 23. Godey Lime Kilns |
| 8. D.C. Paper Mfg. Company | 16. Adams-Mason Houses | 24. Watergate Complex |
| | | 25. Key Bridge |

* Listed or determined eligible for listing in the National Register and/or DC Inventory

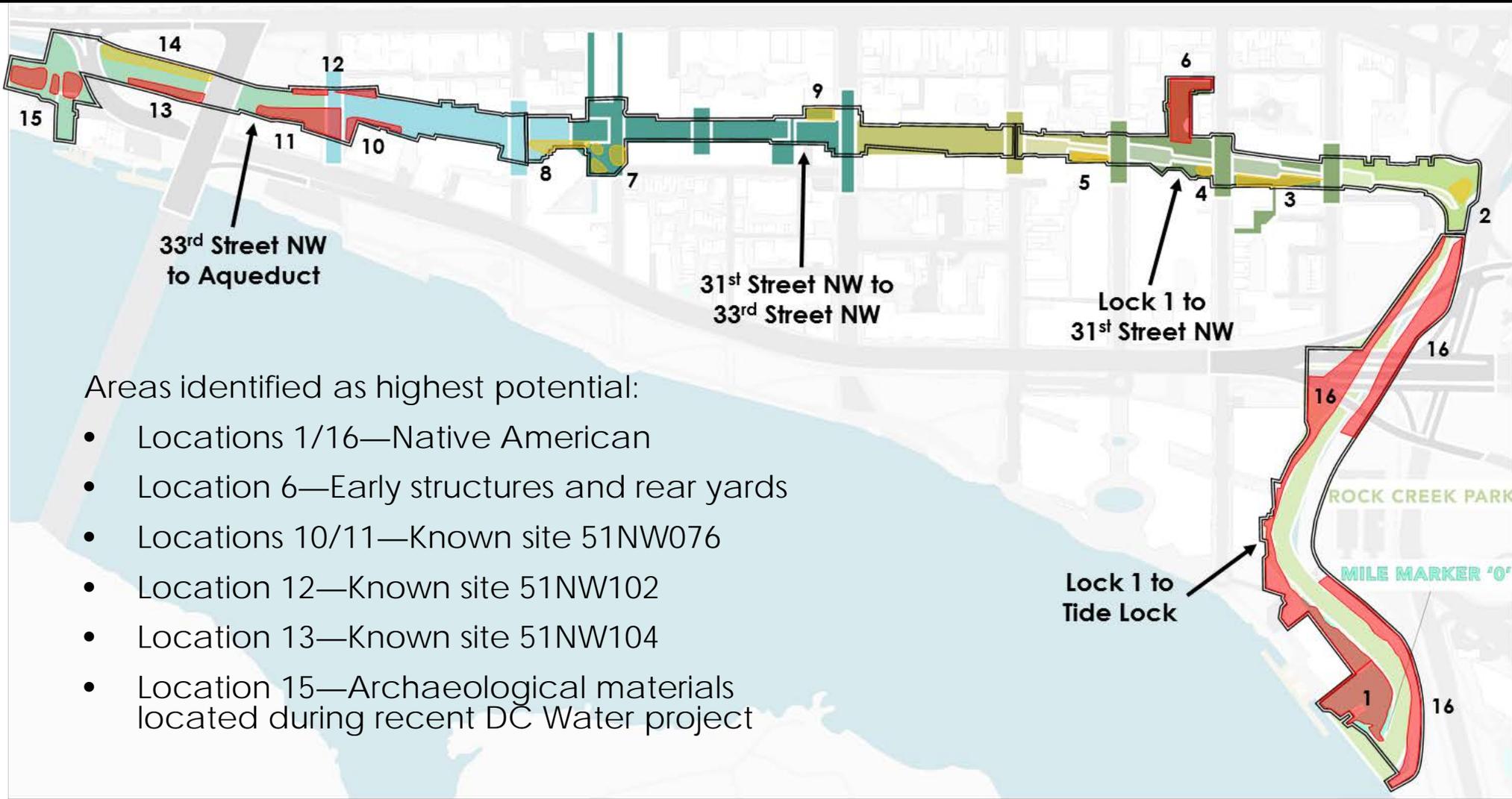
HISTORIC DISTRICTS



Key

- | | | | |
|---|---|---|--|
|  | Chesapeake and Ohio Canal National Historical Park |  | C&O Canal and Potomac Gorge overlap |
|  | Rock Creek and Potomac Parkway |  | Theodore Roosevelt Island National Memorial (Analoatan Island) |
|  | Georgetown National Historic Landmark District |  | George Washington Memorial Parkway |
|  | The Potomac Gorge (Potomac Palisades) Historic District |  | Draft APE Boundary (300 ft) |

ARCHAEOLOGY



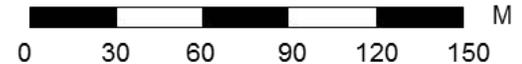
Areas identified as highest potential:

- Locations 1/16—Native American
- Location 6—Early structures and rear yards
- Locations 10/11—Known site 51NW076
- Location 12—Known site 51NW102
- Location 13—Known site 51NW104
- Location 15—Archaeological materials located during recent DC Water project

 Study Area Boundaries

 # Areas of High Archaeological Potential

 # Area of Moderate Archaeological Potential

 M
0 30 60 90 120 150

 FEET
0 100 200 300 400 500



Potential adverse effect/impacts to historic resources:

- **alterations that are inconsistent with the *Secretary's Standards for the Treatment of Historic Properties*, including alterations to the towpath, stone abutments, retaining walls, canal prism or locks;**
- **physical destruction or damage of historic towpath, stone abutments, retaining walls, canal prism or locks;**
- **damage or impacts to significant vegetation including urban exotics, princess trees, red maples, weeping willows and small leaf Lindens at Lock No. 4;**
- **intrusions to views and vistas along the canal;**
- **addressing handicap accessibility while minimizing physical destruction or damage of historic fabric of the towpath or bridges; and**
- **introduction of new elements that diminish the Canal's integrity.**

1. No Action Alternative



Immediate Repairs
&
Current Operations & Maintenance

2. Build Alternative



Un-Lock the Potential
Base Repair & Rehabilitation

1. *Actions Common to All*

- Canal Infrastructure Repairs and Rehab
- Riparian Planting and Stream Bank Restoration
- Towpath and Pathway Enhancements
- Interpretive and Wayfinding Signage

2. *Zone A*

- Mile-Marker Zero

3. *Zone B*

- Rock Creek Confluence
- The Locks

4. *Zone C*

- The Obelisk Plaza
- The Canal Overlook
- Fish Market Plaza

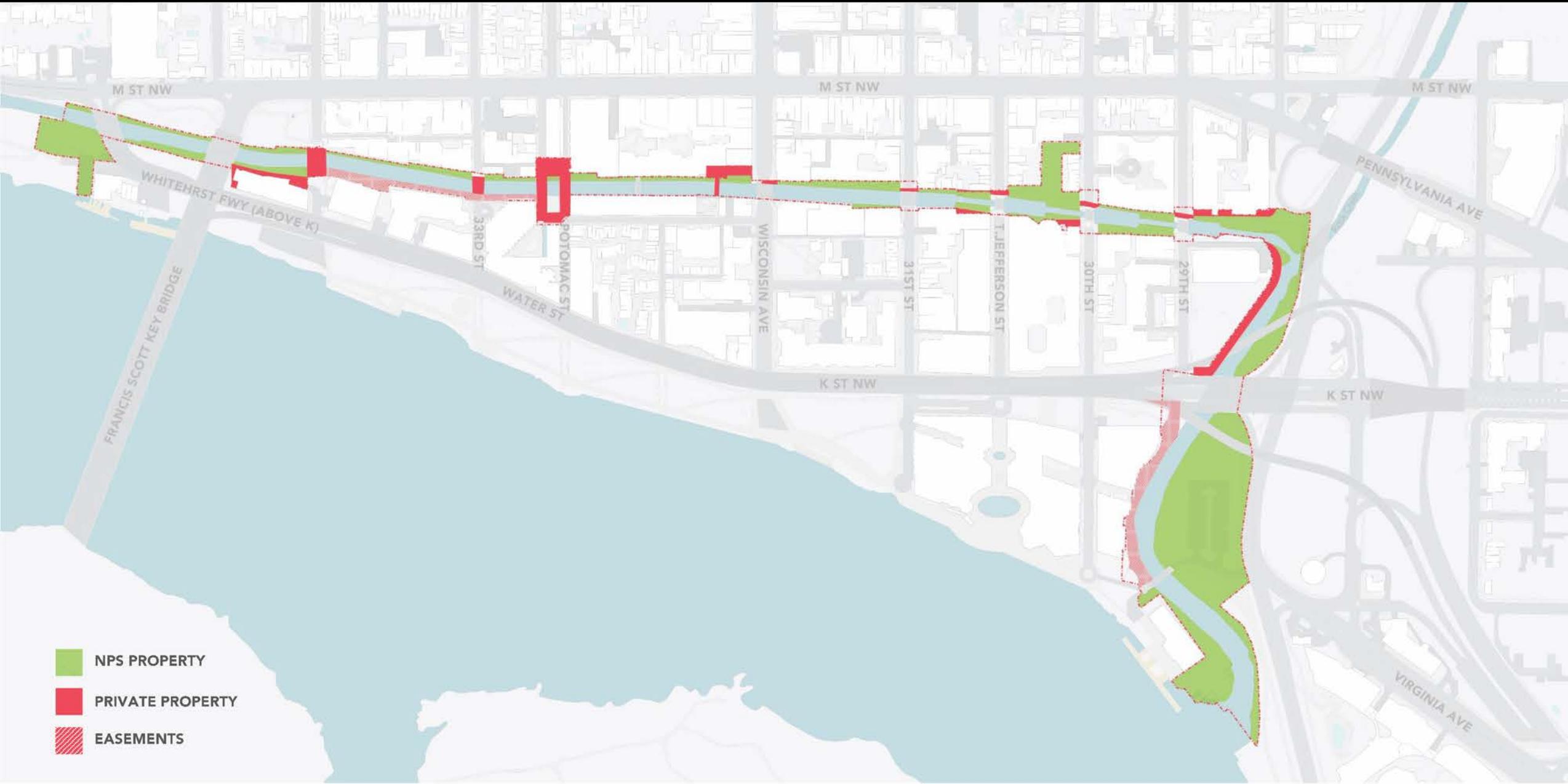
5. *Zone D*

- Gongoozler Platform
- Potomac Aqueduct

ZONES



1. ACTIONS COMMON TO ALL



ACTIONS COMMON TO ALL

Riparian/Stream Bank Restoration	Mile marker(s)	Zone/Key Area	Project Type - Title			Figure Reference
	0.00 - 0.21	Zone A	Stabilization - Stream Bank Riparian Planting			4
	0.06 - 0.13	Zone A	Repairs - West Stream Bank Timber Sheeting			4
	0.21 - 0.23	Zone A	Repairs - East Stream Bank Stone Armoring			4
	0.26 - 0.33	Zone A Zone B	Stabilization - East Stream Bank Riparian Planting			4, 6
	0.34 - 0.37	Zone B Rock Creek Confluence	Stabilization - Stream Bank Riparian Planting			6, 7
Existing, Relocated, and Proposed new Trees	Mile marker(s)	Zone	Existing Trees	Removed Trees	New Trees (Portion on private property)	Relocated Trees
	0.00 - 0.28	Zone A	185	15	200 (140*)	8
	0.28 - 0.59	Zone B	75	20	145 (25*)	6
	0.59 - 0.85	Zone C	42	22	40 (2*)	0
	0.26 - 0.33	Zone D	40	20	50 (20*)	0

TOWPATH ENHANCEMENTS





EXISTING CONDITONS



Brick at Lock 2



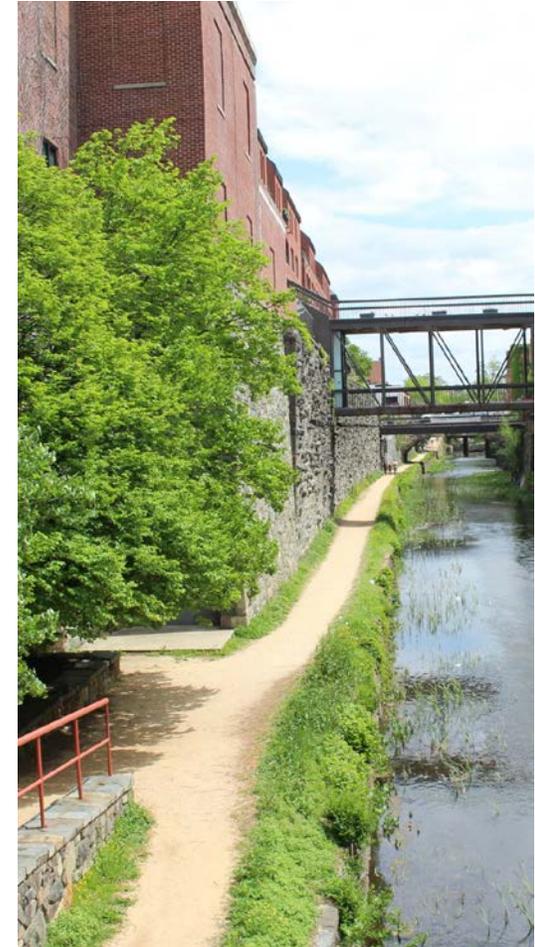
Brick and Stone at 31st St



Gravel at Key

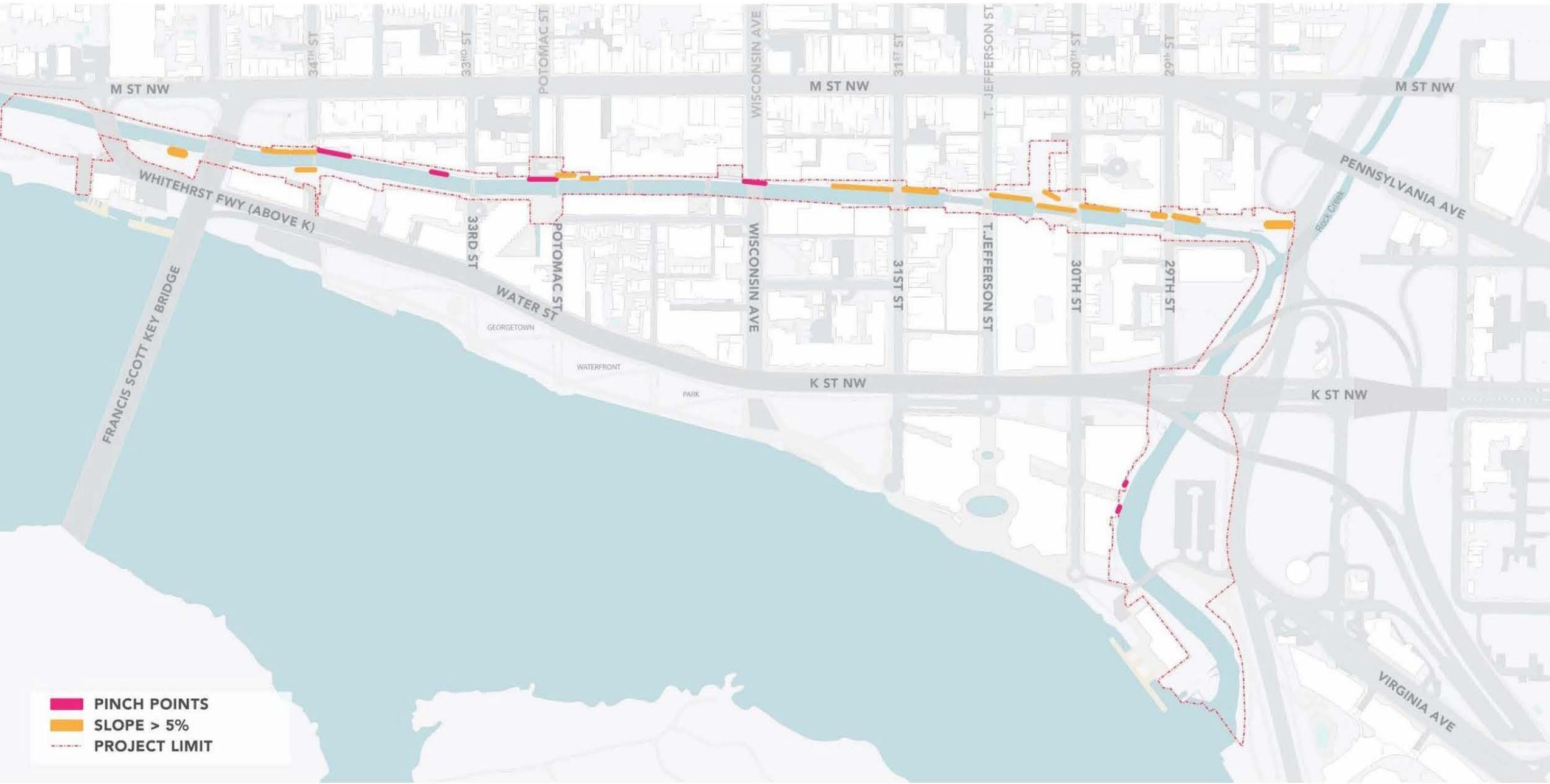


Packed Gravel under Wisconsin



Looking east from Potomac St Bridge

PINCH POINTS



TOWPATH: ASSESSMENT OF EFFECTS



Resource	Adverse Effects
C&O Canal NHP	<ul style="list-style-type: none"> • Widening Towpath • Adding Signage
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	No Adverse Effect
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

2. ZONE A



EXISTING CONDITIONS



Looking north



Looking southwest



Looking northwest

ZONE A: ASSESSMENT OF EFFECTS



Resource	Adverse Effects
C&O Canal NHP	No Adverse Effect
Rock Creek and Potomac Parkway	Adding Vegetation Along Parkway
Georgetown NHL District	No Adverse Effect
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

MILE-MARKER ZERO



AQUEDUCT

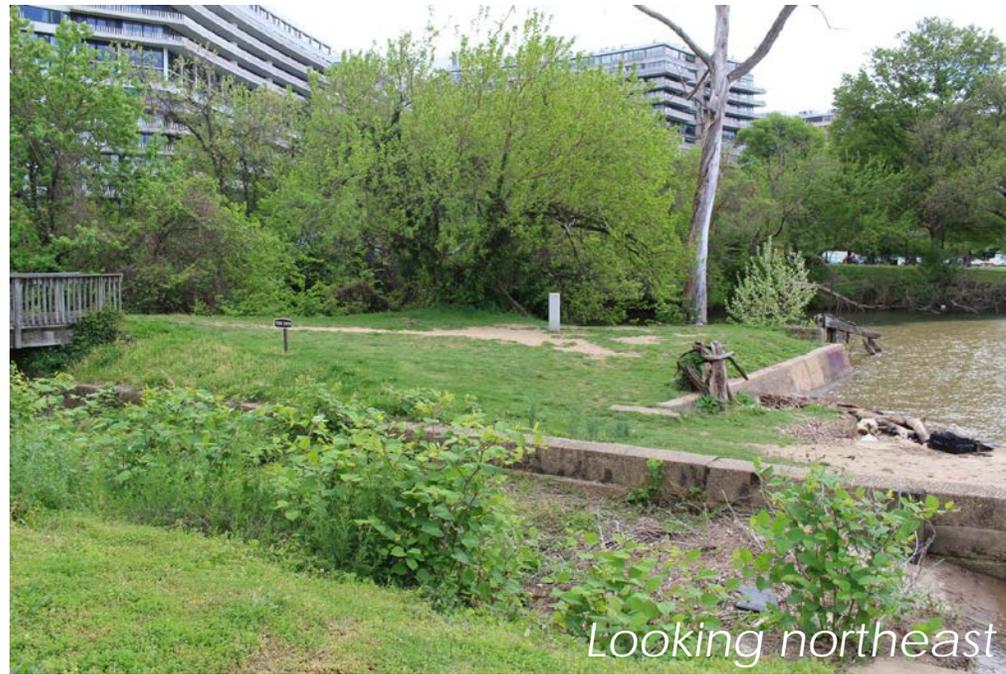
500'

MILE MARKER "0"

EXISTING CONDITIONS



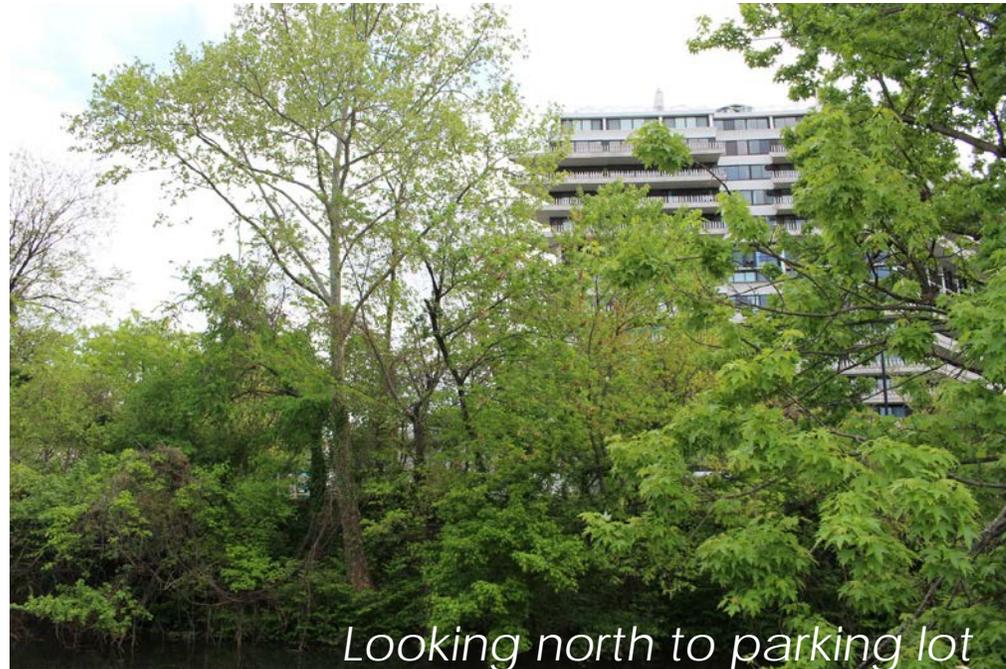
Looking north



Looking northeast



Looking west

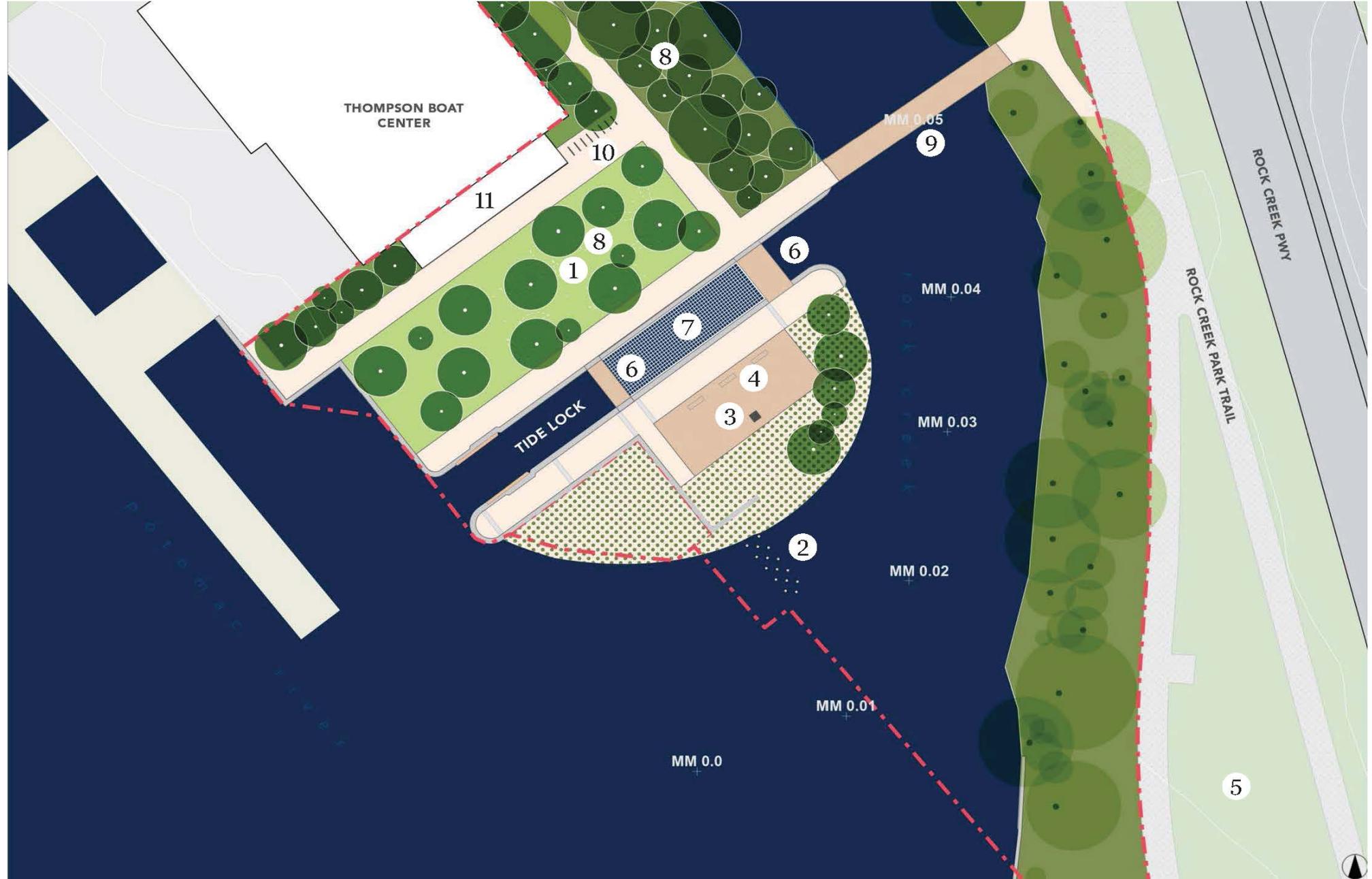


Looking north to parking lot



Looking west from Mole

MILE MARKER ZERO



MILE-MARKER ZERO: ASSESSMENT OF EFFECTS



Resource	Adverse Effects
C&O Canal NHP	<ul style="list-style-type: none"> • Adding Two Tide Lock Bridges • Adding Tide Lock Nets • Adding Mole Platform
Rock Creek and Potomac Parkway	<ul style="list-style-type: none"> • Adding New Bridge • Adding Recreational Equipment
Georgetown NHL District	No Adverse Effect
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

2. ZONE B



EXISTING CONDITIONS



Looking southwest



Looking southwest



Looking west

ZONE B: ASSESSMENT OF EFFECTS



Resource	Adverse Effects
C&O Canal NHP	Adding Me Amo Grove
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	No Adverse Effect
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

ROCK CREEK CONFLUENCE



ROCK CREEK CONFLUENCE



Looking southwest

ROCK CREEK CONFLUENCE

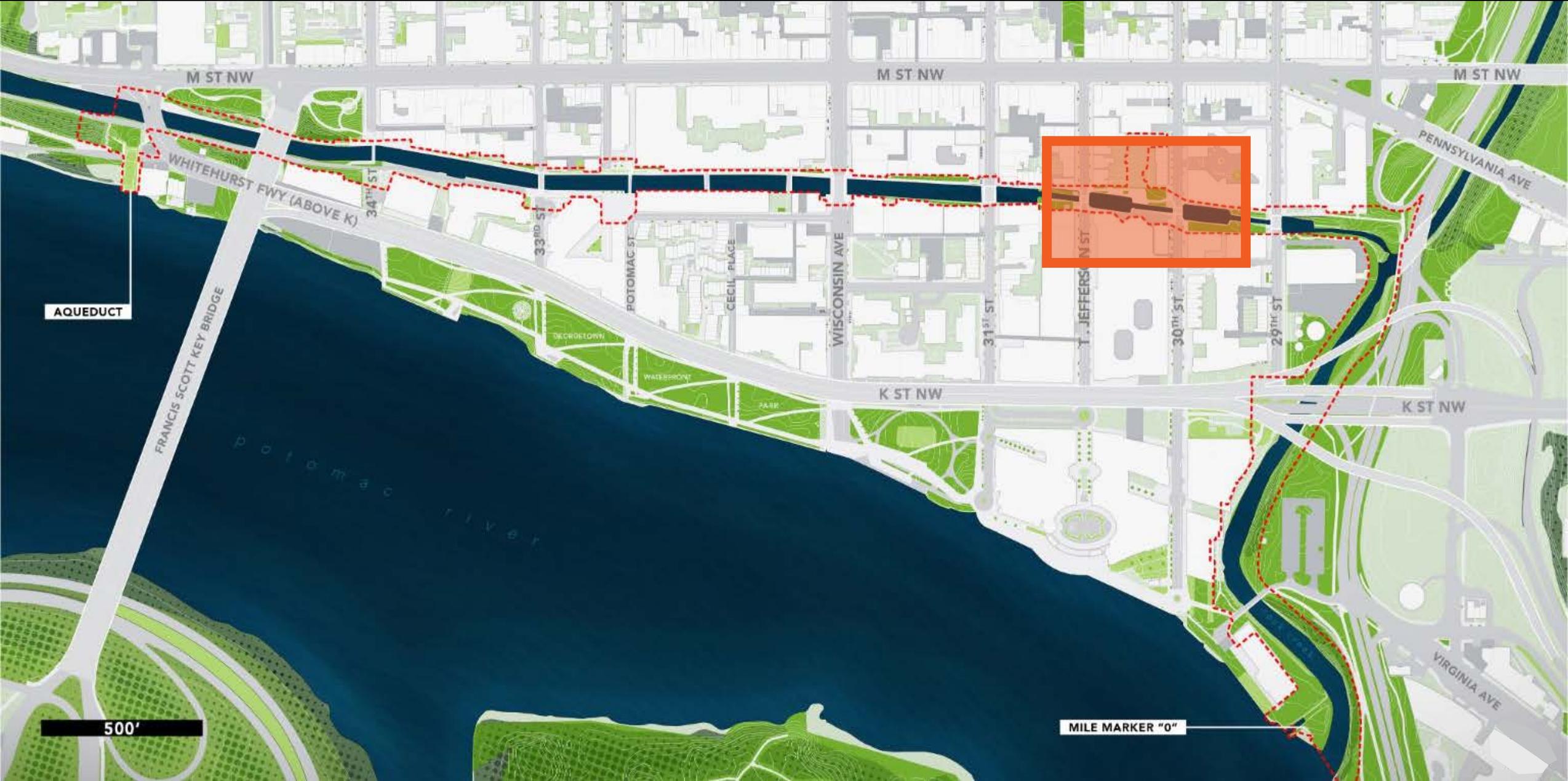


ROCK CREEK CONFLUENCE: ASSESSMENT OF EFFECTS



Resource	Adverse Effects
C&O Canal NHP	<ul style="list-style-type: none"> • Adding New Bridge • Adding Platform
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	No Adverse Effect
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

THE LOCKS



AQUEDUCT

500'

MILE MARKER "0"

EXISTING CONDITIONS



THE LOCKS



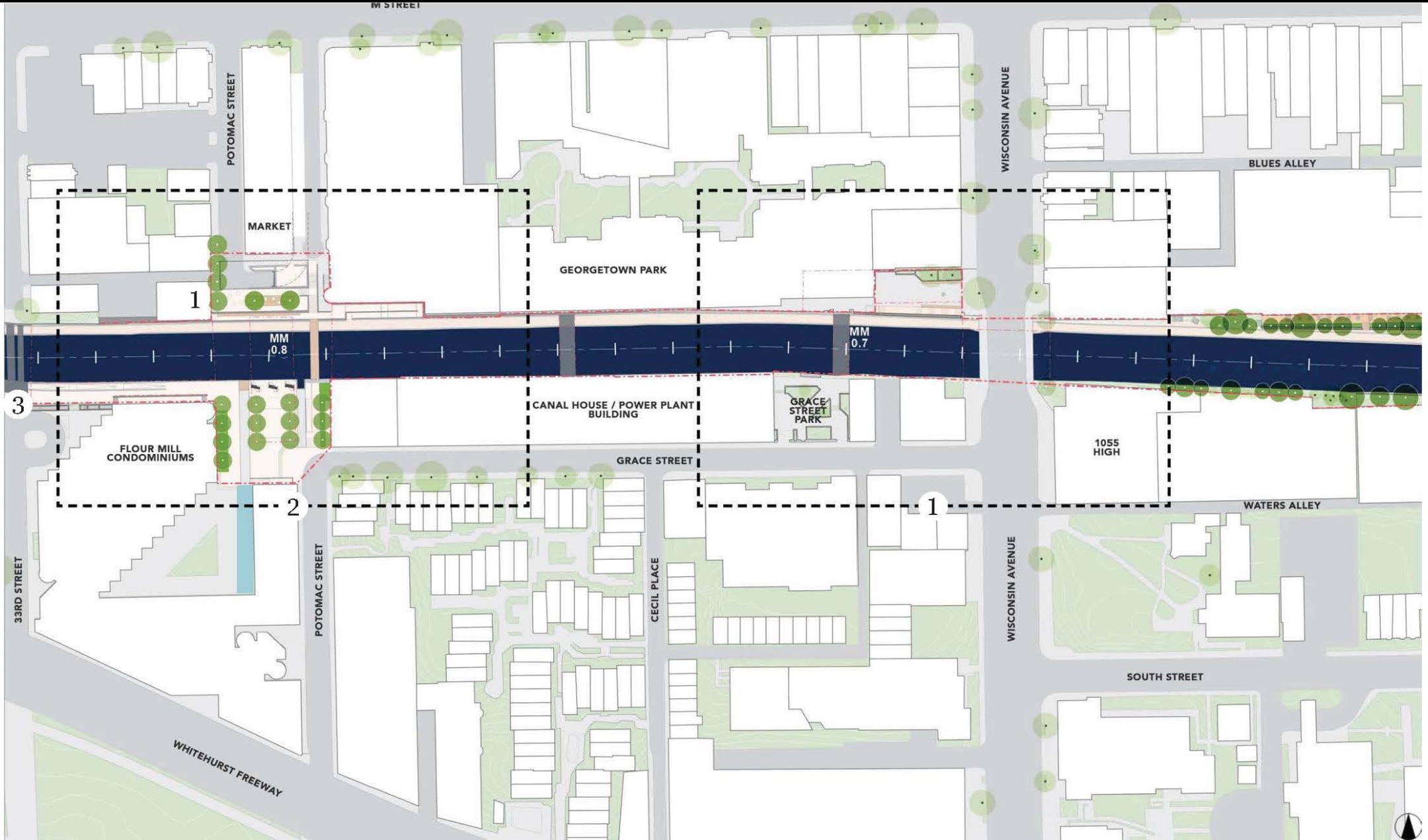
THE LOCKS: ASSESSMENT OF EFFECTS



(HSW, c. 1950s)

Resource	Adverse Effects
C&O Canal NHP	No Adverse Effect
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	No Adverse Effect
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

3. ZONE C



THE OBELISK PLAZA



EXISTING CONDITIONS



Vegetation



Looking north



Entrance to Georgetown Park



Looking east at Wisconsin Ave



Obelisk

THE OBELISK PLAZA



THE OBELISK PLAZA: ASSESSMENT OF EFFECTS



(HSW, 1923-1927)

Resource	Adverse Effects
C&O Canal NHP	<ul style="list-style-type: none"> Moving Obelisk Widening Arch in Retaining Wall
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	Moving Obelisk
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	Wisconsin Avenue Bridge: Moving Obelisk

THE CANAL OVERLOOK



EXISTING CONDITIONS



Looking east



Looking northeast



Looking northwest

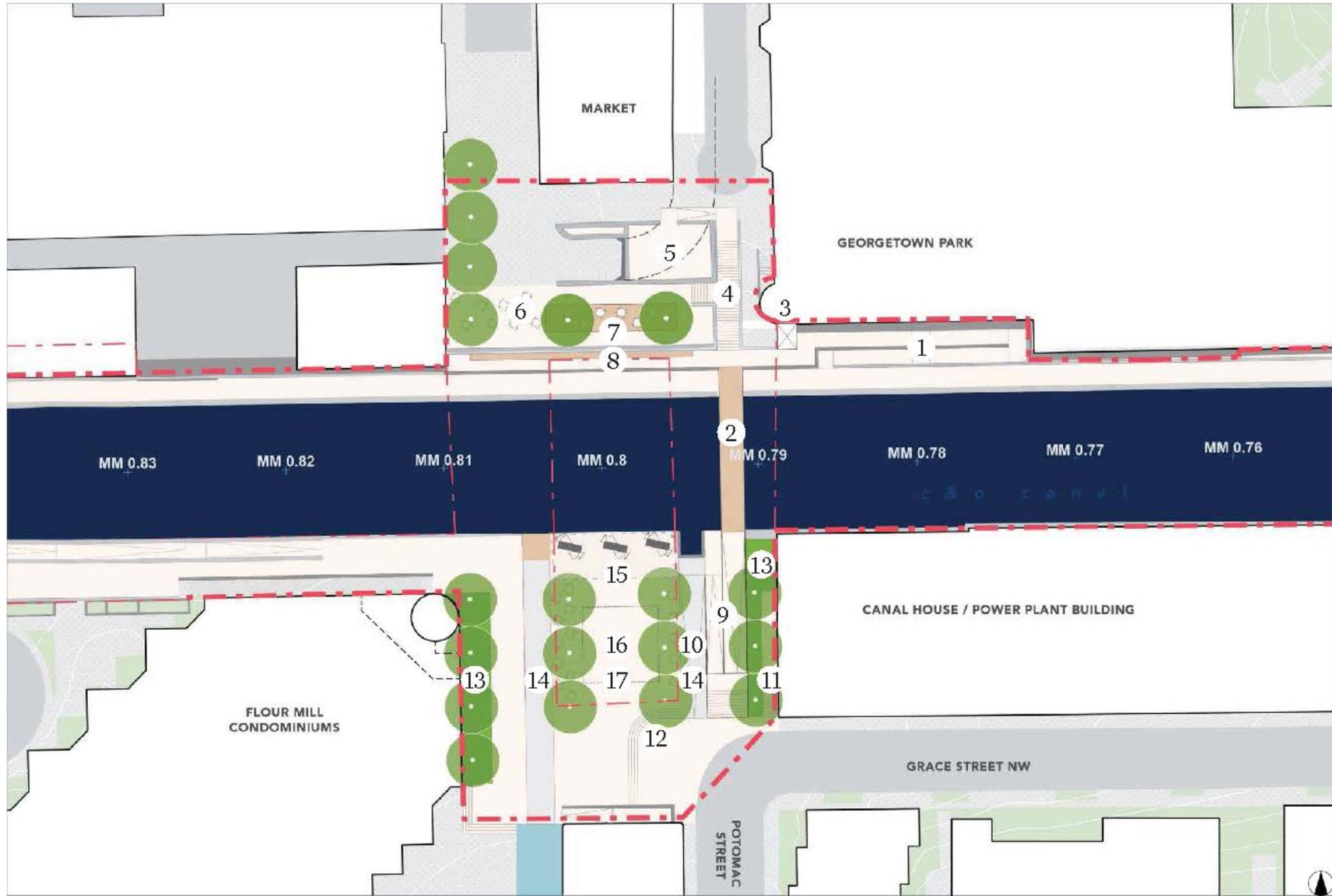


Looking northeast



Non-Compliant Ramp

THE CANAL OVERLOOK



THE CANAL OVERLOOK: ASSESSMENT OF EFFECTS



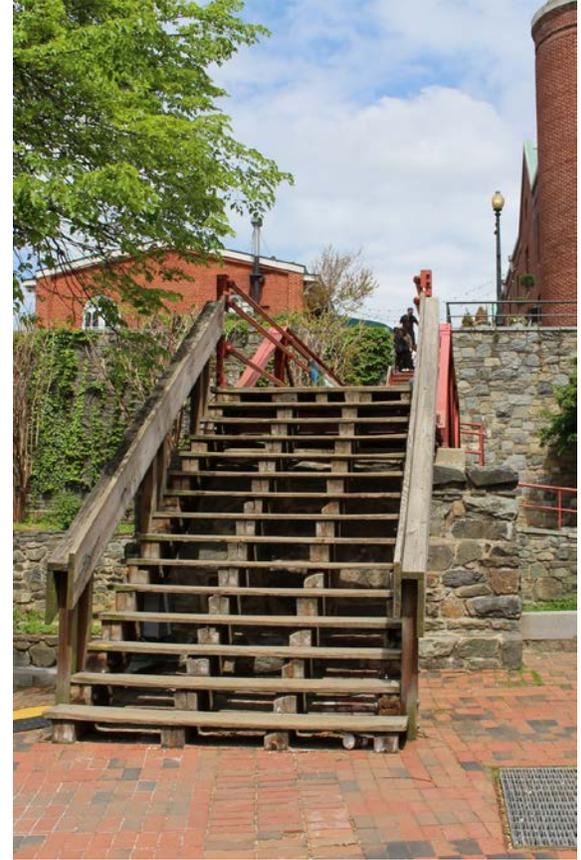
(LOC, 1925)

Resource	Direct Effects
C&O Canal NHP	Replacing Potomac Street Bridge with Lower and Wider Bridge
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	No Adverse Effect
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

FISH MARKET SQUARE



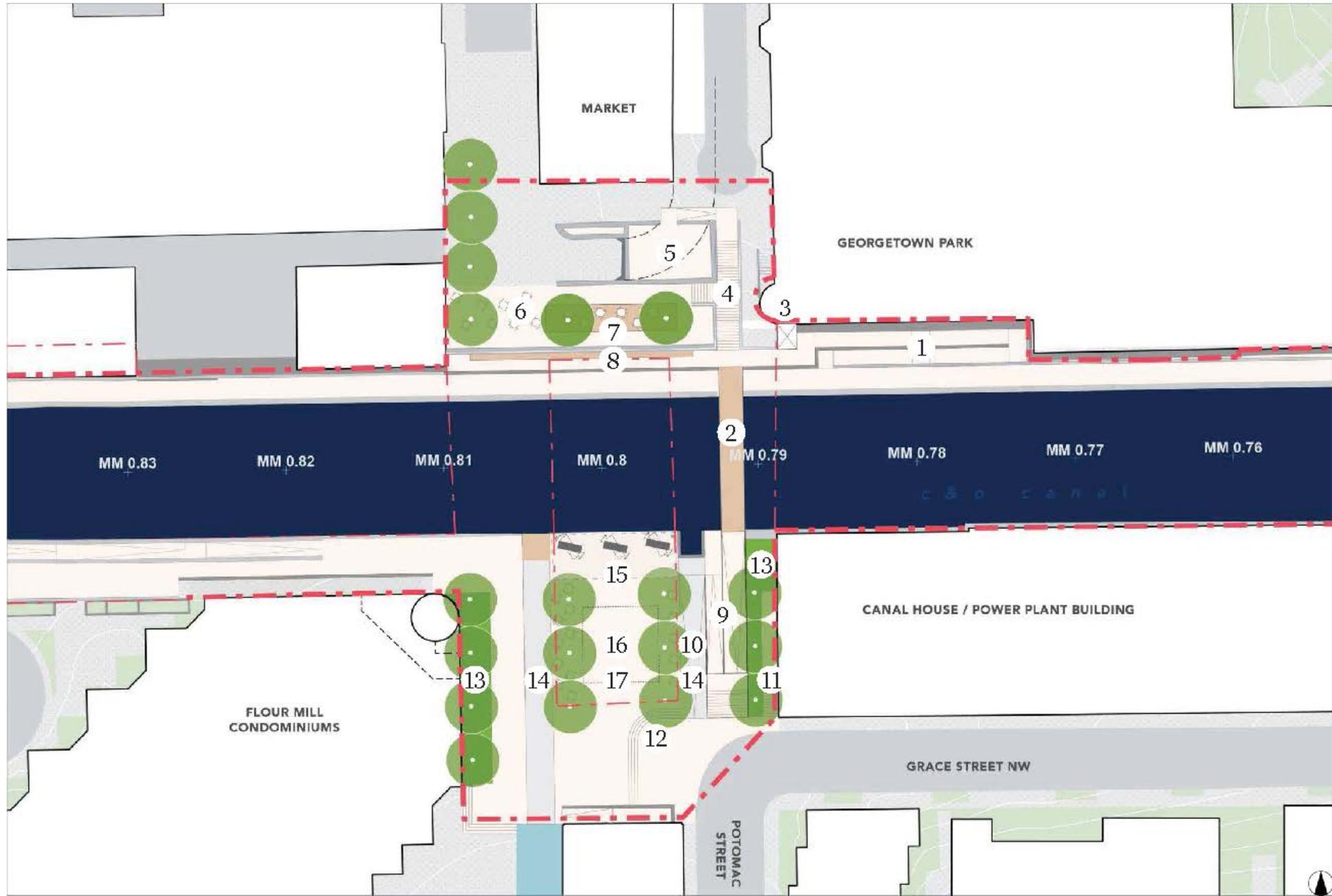
EXISTING CONDITIONS



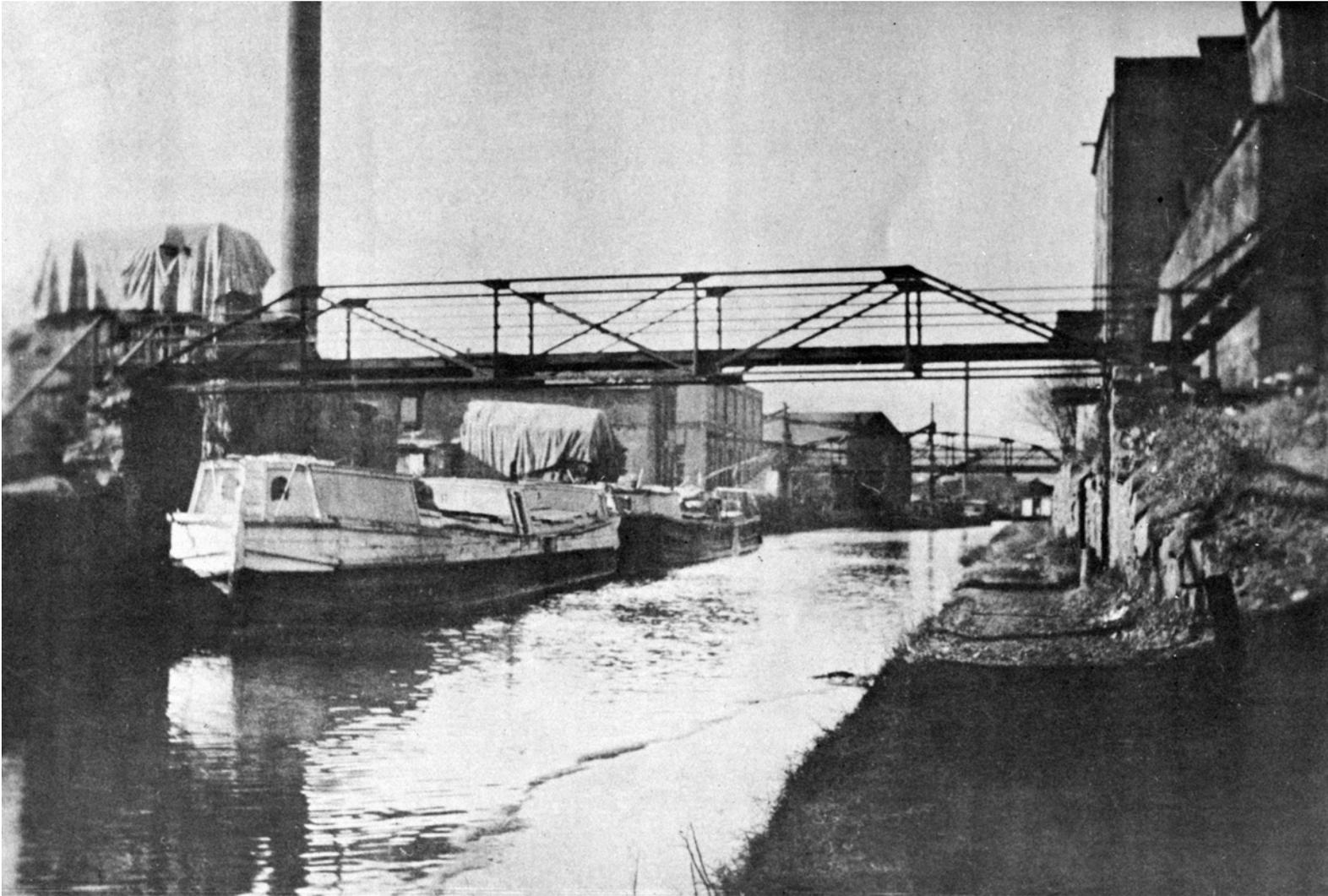
Non-historic stair

Looking east

FISH MARKET SQUARE



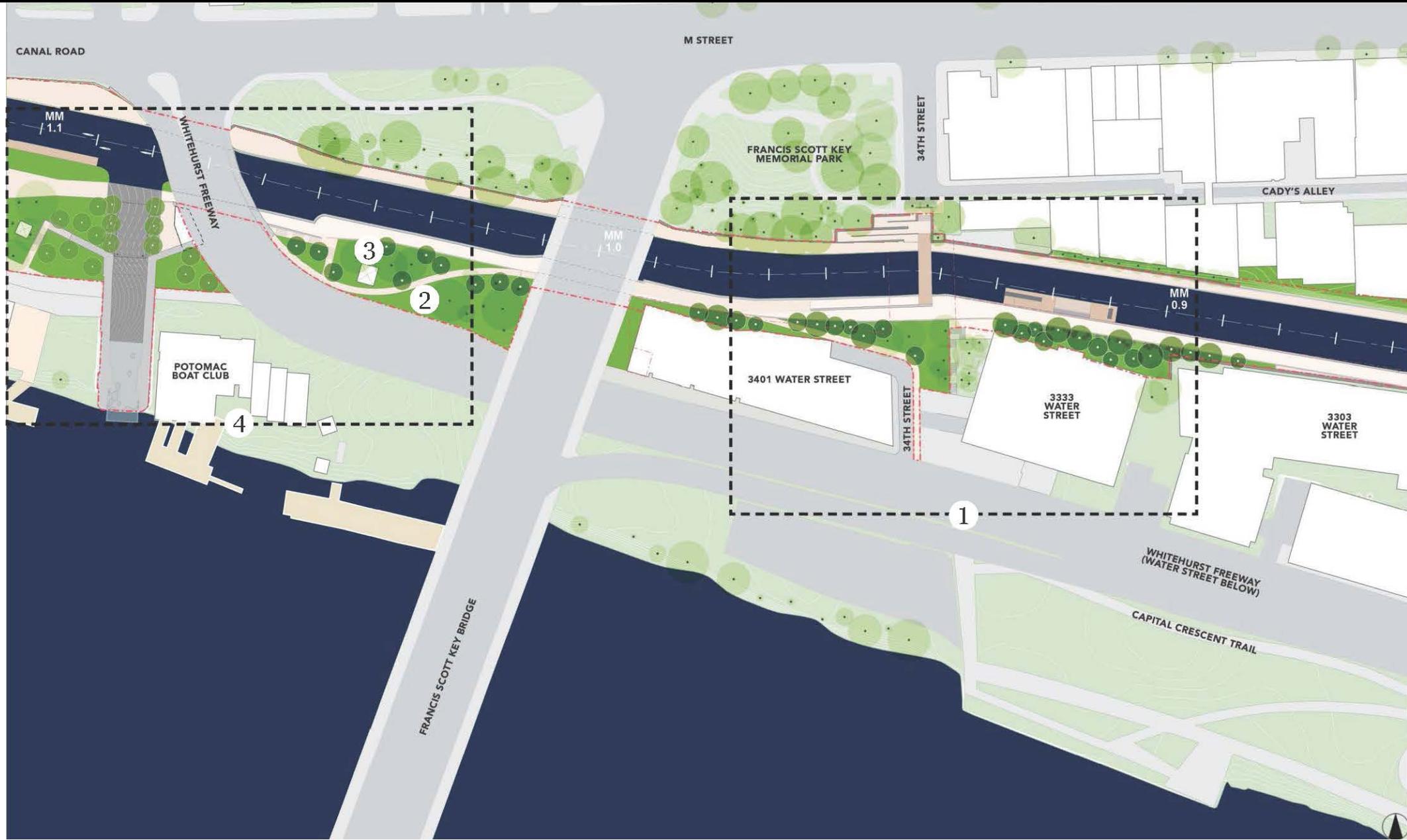
FISH MARKET PLAZA: ASSESSMENT OF EFFECTS



(LOC, ND)

Resource	Direct Effects
C&O Canal NHP	Adding Permanent Seating
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	No Adverse Effect
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

5. ZONE D



GONGOOZLER PLATFORM



EXISTING CONDITIONS



THE GONGGOOZLER PLATFORM



GONGOOZLER PLATFORM: ASSESSMENT OF EFFECTS



(HSW, 1870-1890)

Resource	Direct Effects
C&O Canal NHP	Adding Platform
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	Adding Platform
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	No Adverse Effect

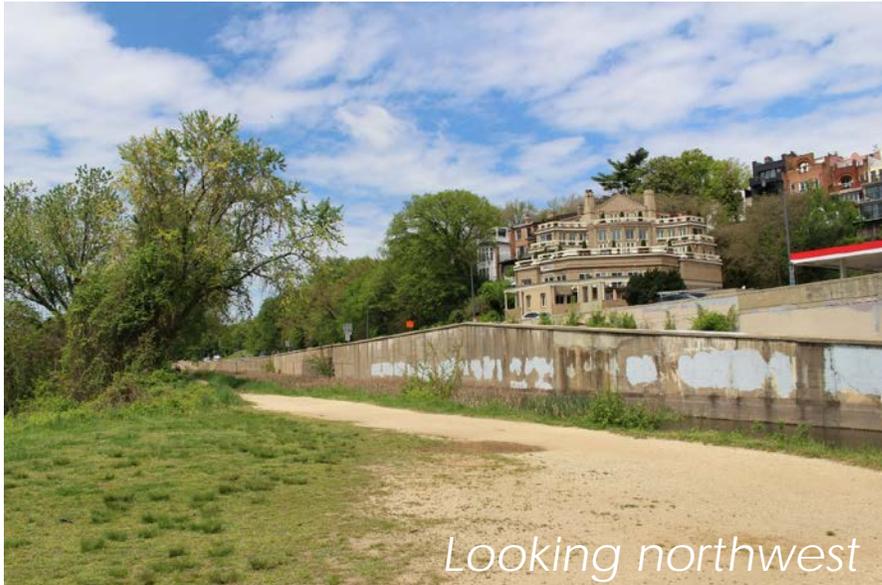
POTOMAC AQUEDUCT



EXISTING CONDITIONS



Looking southeast

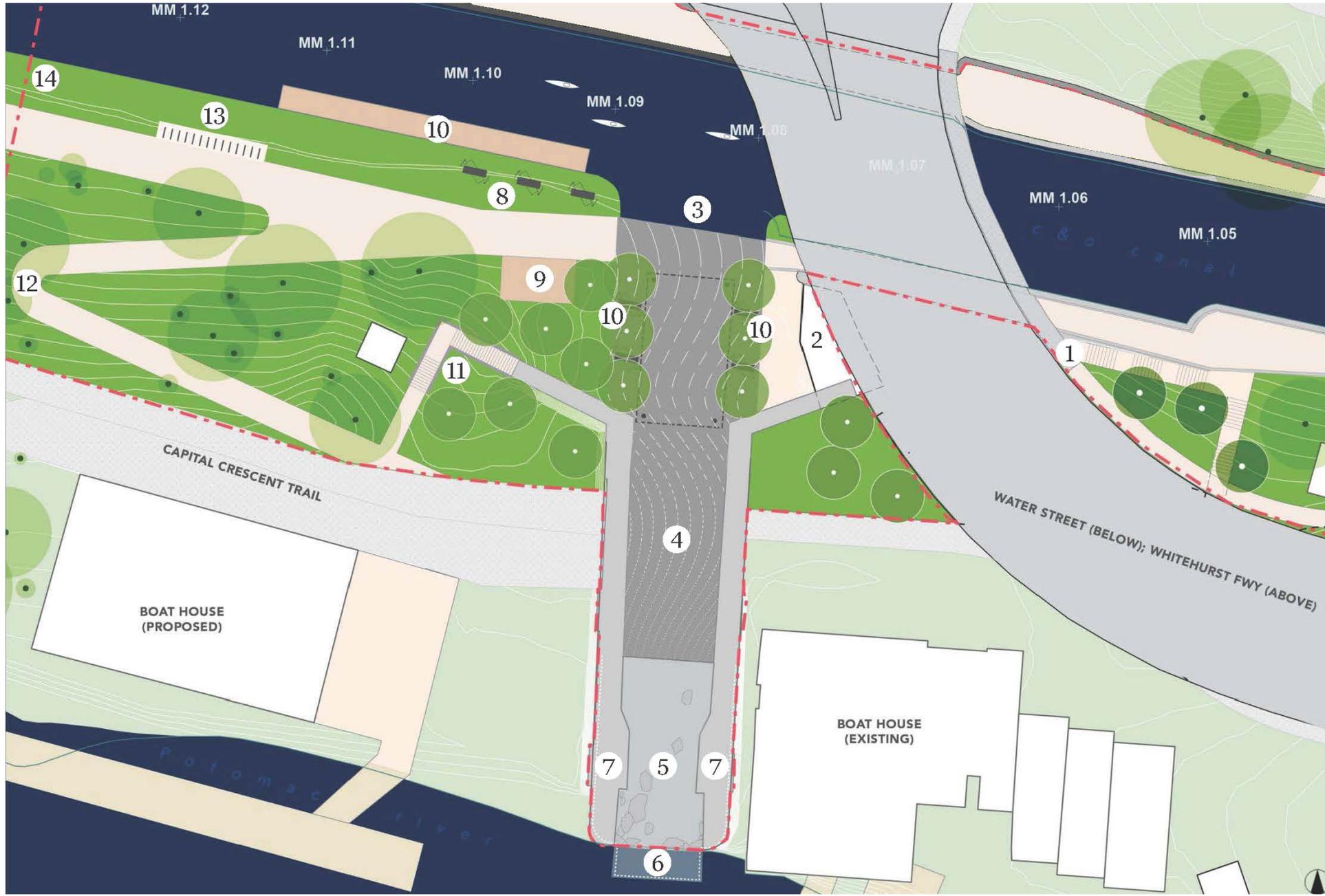


Looking northwest



Looking south

POTOMAC AQUEDUCT



POTOMAC AQUEDUCT: ASSESSMENT OF EFFECTS



(HSW, 1866-1870)

Resource	Adverse Effects
C&O Canal NHP	<ul style="list-style-type: none"> • Adding Art Platform • Adding Aqueduct Hardscape • Adding Bike Rack • Adding Permanent Seating • Adding Canoe Launch
Rock Creek and Potomac Parkway	No Adverse Effect
Georgetown NHL District	Adding Canoe Launch
The Potomac Gorge	No Adverse Effect
Theodore Roosevelt Island	No Adverse Effect
GWMP	No Adverse Effect
Individually Listed Resources	<p>Potomac Aqueduct:</p> <ul style="list-style-type: none"> • Adding Art Platform • Adding Aqueduct Hardscape • Adding Permanent Seating

TEMPORARY AND CUMULATIVE EFFECTS

Temporary Effects	Construction Effects	<p>C&O Canal NHP, Rock Creek and Potomac Parkway, Georgetown NHL District, The Potomac Gorge, Washington Canoe Club, Potomac Aqueduct, Potomac Boat Club, Joseph Carlton House, Georgetown Market, Bomford Mills, DC Paper Mill, Vigilant Firehouse, Wisconsin Avenue Bridge, Potomac Masonic Lodge No. 5, Adams-Mason House, Nicholas Hedges & Federal Houses, Henry McCleery House, West Heating Plant, Francis Scott Key Bridge</p>
Cumulative Effects	Potomac River Tunnel	<p>C&O Canal NHP, Georgetown NHL District, The Potomac Gorge</p>

DETERMINATION OF EFFECT

Number	Historic Resource	Adverse Effect	Temporary Adverse Effects	Cumulative Adverse Effects
1	Washington Canoe Club	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
2	Potomac Aqueduct	Adverse Effect: Adding Art Platform, Aqueduct Hardscape, Overlook, Bike Rack, Permanent Seating, Canoe Launch, and Reconfiguring Stair	Adverse Effect: Construction	No Adverse Effect
3	Potomac Boat Club	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
4	Forrest-Marbury House	No Adverse Effect	No Adverse Effect	No Adverse Effect
5	Joseph Carleton House	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
6	Georgetown Market	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
7	Bomford Mill (Pioneer Flour Mills; Flour Mill)	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
8	District of Columbia Paper Manufacturing Company (Paper Mill)	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
9	Old Engine Company No. 5 (Bank of Columbia, Georgetown Town Hall & Mayor's Office)	No Adverse Effect	No Adverse Effect	No Adverse Effect
10	City Tavern	No Adverse Effect	No Adverse Effect	No Adverse Effect
11	Georgetown Commercial Buildings, M Street and Wisconsin Avenue	No Adverse Effect	No Adverse Effect	No Adverse Effect
12	Vigilant Firehouse	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
13	Wisconsin Avenue Bridge (High Street Bridge)	Adverse Effect: Moving Obelisk	Adverse Effect: Construction	No Adverse Effect
14	Grace Church (Grace Protestant Episcopal Church)	No Adverse Effect	No Adverse Effect	No Adverse Effect
15	Potomac Masonic Lodge No. 5	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect

16	Adams-Mason Houses	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
17	Nicholas Hedges & Federal Houses	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
18	Duvall Foundry	No Adverse Effect	No Adverse Effect	No Adverse Effect
19	Loughborough-Patterson House	No Adverse Effect	No Adverse Effect	No Adverse Effect
20	Thomas Sim Lee Corner	No Adverse Effect	No Adverse Effect	No Adverse Effect
21	Henry McCleery House	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
22	West Heating Plant	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
23	Godey Lime Kilns	No Adverse Effect	No Adverse Effect	No Adverse Effect
24	Watergate Complex	No Adverse Effect	No Adverse Effect	No Adverse Effect
25	Higgins Service Station (Watergate Exxon, Rock Creek Valero)	No Adverse Effect	No Adverse Effect	No Adverse Effect
26	Brickyard Hill House	No Adverse Effect	No Adverse Effect	No Adverse Effect
27	Dodge Warehouses (and Adjacent Structures)	No Adverse Effect	No Adverse Effect	No Adverse Effect
28	Francis Scott Key Bridge	No Adverse Effect	Adverse Effect: Construction	No Adverse Effect
29	Capital Traction Company Union Station (Georgetown Car Barn; Exorcist Stairs)	No Adverse Effect	No Adverse Effect	No Adverse Effect

Milestone	Date
Assessment of Effects	October 16, 2019
EA Released to Public	October 16, 2019
Consulting Parties Meeting	November 2019
MOA/PA	November 2019
Preparation of Decision Document	December 2019

Submit comments electronically:

Comments can be submitted electronically on or before November at the National Park Service's Planning, Environmental and Public Comments (PEPC) website at: parkplanning.nps.gov/Georgetowncanalplan

Submit written comments to:

C&O Canal National Historical Park Headquarters
1850 Dual Highway | Suite 100
Hagerstown, MD 21740



THANK
YOU