



15 APRIL 2024

PUBLIC NOTICE 09-01-24

All interested parties are herein notified that the Commander, Ninth Coast Guard District, has received application materials dated 21 December 2023 from Canadian National Railroad (CN) for approval of location and plans for the modification of a bridge across a navigable waterway of the United States.

BRIDGE, WATERWAY AND LOCATION: Canadian National Railroad Bridge, across the Black Rock Canal, Mile 3.80, in Buffalo, Erie County, New York.

CHARACTER OF WORK: CN proposes to modify the protective bulkhead extending north and south of the existing bridge on each side of the Black Rock Canal. Approximately 70.00-feet of bulkhead lies beneath the existing bridge. The proposed replacement bulkhead would consist of a series of interconnected 2.50-foot diameter steel pipe piles driven into the bedrock immediately waterward of the existing timber and sheet pile bulkhead along the eastern and western shores of the Black Rock Canal. The purpose and need for the project are to repair extensive deterioration to the existing sheet pile and timber bulkheads. No temporary structures or bridges would be constructed in the waterway. Any in-water work would maintain continuity of navigation and be coordinated with the Coast Guard.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed bulkhead rehabilitation would not affect the vertical clearances of the existing structure. However, it would reduce horizontal clearance by approximately 3.00-feet on each side of the channel for a cumulative reduction of 6.00-feet underneath the existing bridge.

Clearance Type	Existing	Proposed
Vertical (Open Position)	Unlimited through the entire width of the navigation channel.	Unlimited through the entire width of the navigation channel.
Vertical (Closed Position)	16.10-feet through the entire width of the navigation channel.	16.10-feet through the entire width of the navigation channel.
Horizontal	160.00-feet face-to-face of the bulkhead, perpendicular to the navigation channel	154.00-feet face-to-face of the bulkhead, perpendicular to the navigation channel.

Datum: All elevations are referenced Low Water Datum (LWD), 569.20-feet, International Great Lakes Datum of 1985 (IGLD85).

ENVIRONMENTAL CONSIDERATIONS:

The United States Army Corps of Engineers (USACE) is the lead Federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). USACE is acting on behalf of the U.S. Coast Guard for all environmental control laws. It is anticipated that USACE would be approving the project under a Programmatic Environmental Assessment (EA) associated with a USACE Nationwide Permit (NWP). The U.S. Coast Guard has tentatively determined that the proposed action would not have a significant impact for the purposes of NEPA and concur with USACE's final environmental document. Documents are available for review at the above address, Monday through Friday, 8:00 a.m. to 2:00 p.m. Eastern Time.

A water quality certification (WQC) in accordance with Section 401 of the Clean Water Act, as amended, for this project was issued from the New York State Department of Environmental Conservation (NYSDEC) as part of its Permit Under the Environmental Conservation Law (ECL) issued on 4 April 2024. It is not anticipated that any wetlands would be taken or affected by this project.

The bridge and bulkhead are located in the floodplain. The 100-year flood elevation is 573.90-feet. The elevation of the low member of the navigation span is 585.30-feet. Elevations are referenced to IGLD85. Approximately 2,135 cubic yards of fill material would be placed below the 100-year flood elevation for the project.

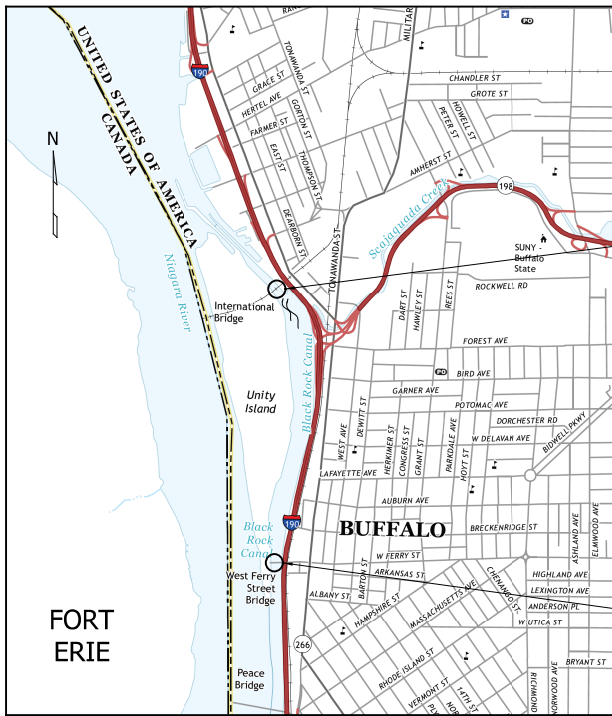
SOLICITATION OF COMMENTS:

Mariners and waterway users – including marine facilities and other interested parties – are requested to comment, in writing, regarding the proposed navigation clearances, the need for clearance gauges, navigational lighting, decorative lighting, and operating schedules or regulations. Comments should be of sufficient detail to establish a clear understanding of reasons for support or opposition to the proposed project.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, environmental justice, etc. to USACE. Comments will be received for the record at the address noted in the header or via email to michael.o.walker2@uscg.mil through **17 May, 2024.**

Map of location and plans attached.

W. B. STANIFER
Chief, Bridge Branch
U.S. Coast Guard
By Direction

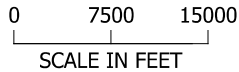


BLACK ROCK SWING BRIDGE
PROPOSED BULKHEAD
LOCATION (SEE
VICINITY MAP)

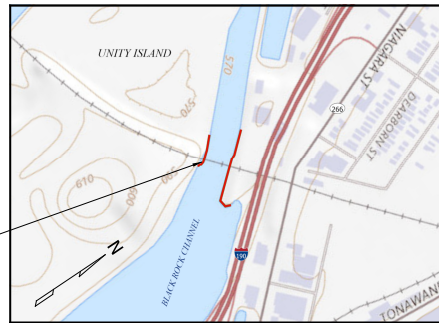
ALTERNATE ACCESS
TO UNITY ISLAND

LATITUDE: 42°55'53.7" N
LONGITUDE: 78°54'06.6" W

LOCATION MAP

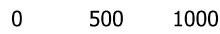


SCALE IN FEET



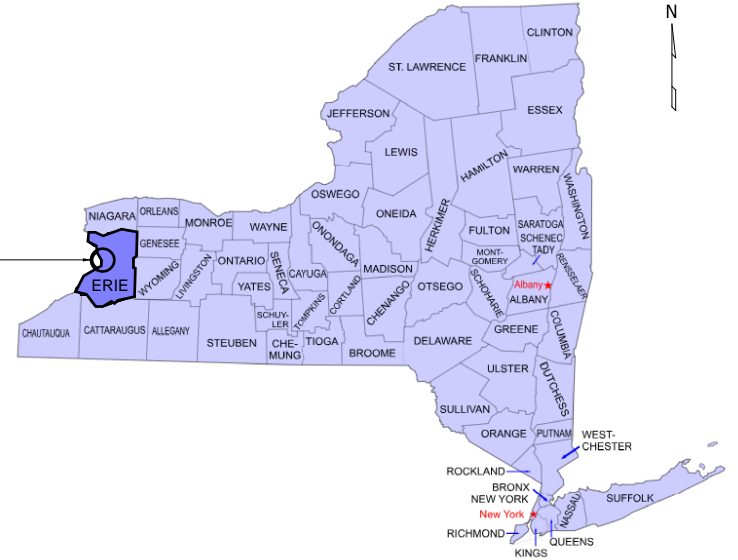
BLACK ROCK SWING BRIDGE
PROPOSED BULKHEAD LOCATION

VICINITY MAP



SCALE IN FEET

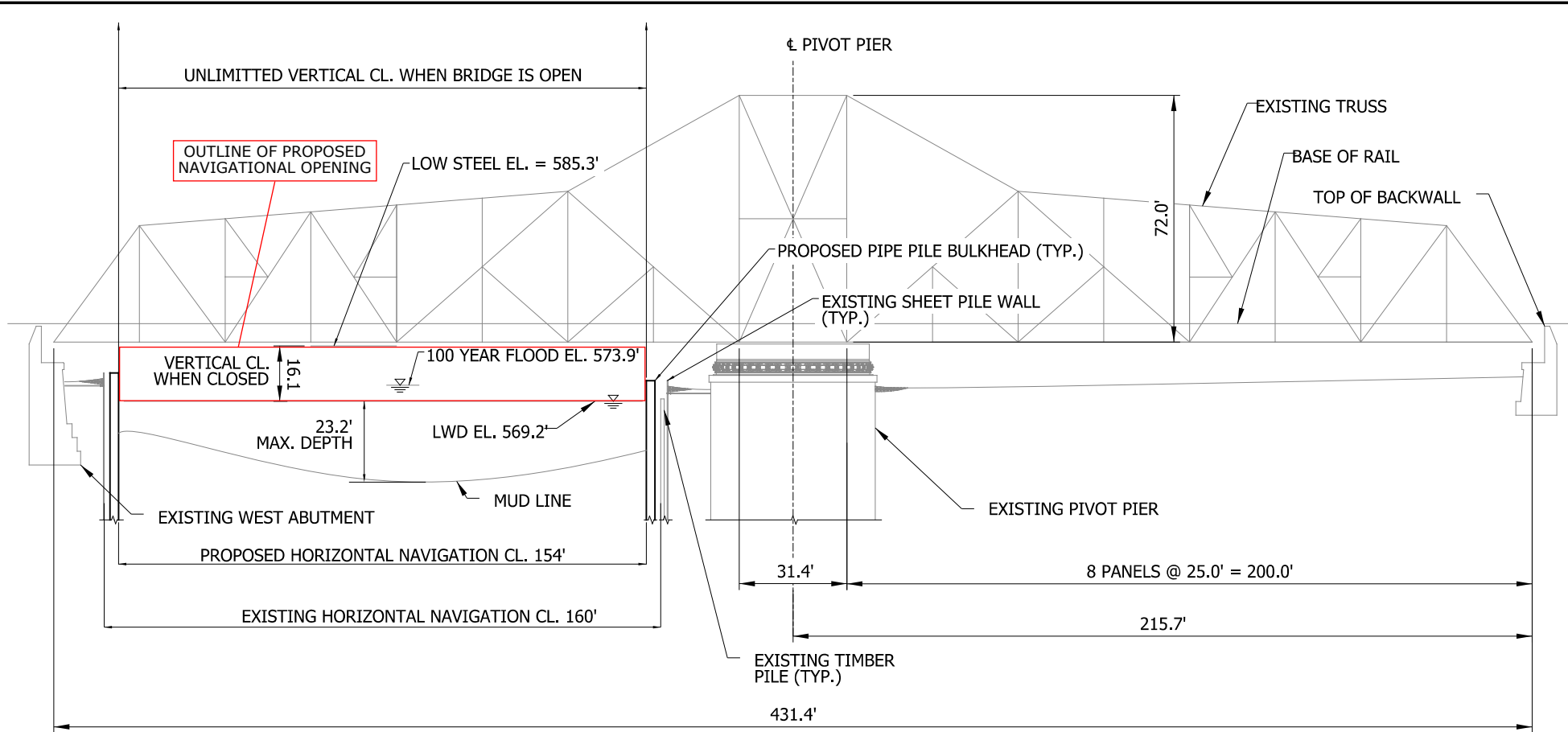
LOCATION OF
PROPOSED
PROJECT



**ERIE COUNTY
NEW YORK**

	CANADIAN NATIONAL RAILROAD BRIDGE LOCATED ACROSS MILE 3.80 OF THE BLACK ROCK CANAL IN BUFFALO, ERIE COUNTY, NEW YORK LOCATION/VICINITY MAP		
	APPLICANT / OWNER: 	CONSULTANT: 	
SIGNATURE: 	BRIDGE RIVER MILE POINT LOCATION	BLACK ROCK SWING BRIDGE BLACK ROCK CANAL 3.8 BUFFALO, ERIE COUNTY, NY	
DATE: 03/27/2024	DATE SHEET	MARCH 8, 2024 1 OF 4	

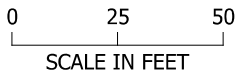
SCALE FACTORS CORRESPOND WITH FULL SIZE (22"x34") DRAWINGS



ELEVATION

NOTES:

1. DATUM IGLD 1985
 LOW WATER DATUM (LWD) = 569.2'
 100 YEAR FLOOD ELEVATION = 573.9'
2. CHANNEL DEPTHS OBTAINED FROM A SURVEY CONDUCTED BY THE BUFFALO DISTRICT U.S. ARMY CORPS OF ENGINEERS ENTITLED "BLACK ROCK CHANNEL & TONAWANDA HARBOR, NY - PROJECT CONDITIONS SOUNDINGS 2021" DATED JULY 16, 2021. DEPTHS AND SOUNDINGS BASED ON LOW WATER DATUM OF 569.2 FEET IGLD 1985.
3. NEW WEST BULKHEAD TOTAL IN-WATER FILL IS 564 SQ. FT. AND 199 CU. YDS.
4. NEW EAST BULKHEAD TOTAL IN-WATER FILL IS 3053 SQ. FT. AND 1936 CU. YDS.
5. TOTAL INCREASE IN NEW BULKHEAD IN-WATER FILL IS 3617 SQ. FT. AND 2135 CU. YDS.



SIGNATURE:
J. Krzywicz

DATE:
 03/27/2024

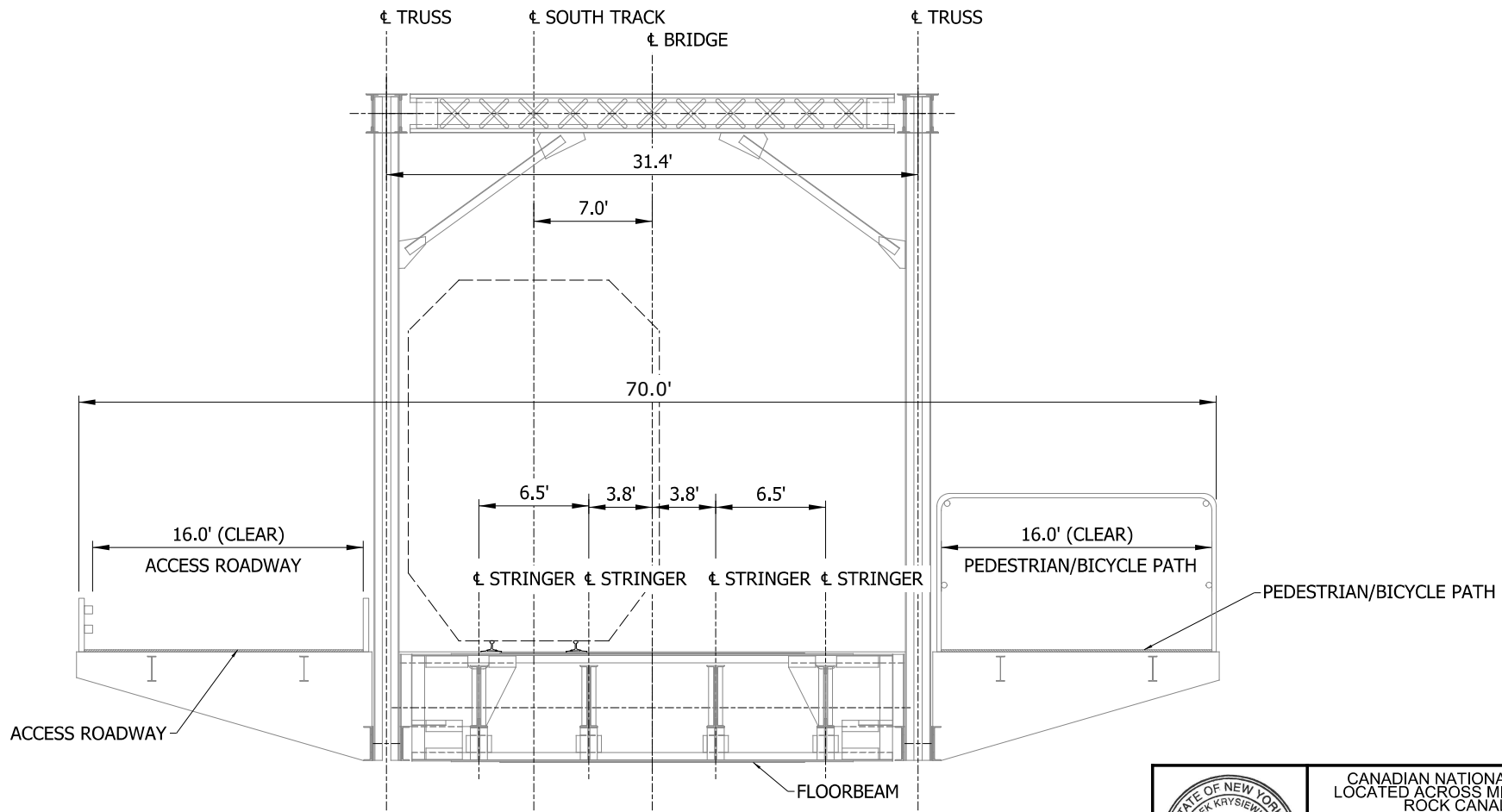
CANADIAN NATIONAL RAILROAD BRIDGE
 LOCATED ACROSS MILE 3.80 OF THE BLACK
 ROCK CANAL IN BUFFALO,
 ERIE COUNTY, NEW YORK
 GENERAL ELEVATION

APPLICANT / OWNER: CANADIAN NATIONAL RAILWAY
 CONSULTANT:

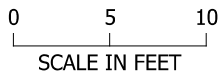
BRIDGE	BLACK ROCK SWING BRIDGE
RIVER	BLACK ROCK CANAL
MILE POINT	3.8
LOCATION	BUFFALO, ERIE COUNTY, NY





DATE	MARCH 8, 2024
SHEET	3 OF 4

SCALE FACTORS CORRESPOND WITH FULL SIZE (22"x34") DRAWINGS



BRIDGE CROSS SECTION LOOKING SOUTHWEST



	CANADIAN NATIONAL RAILROAD BRIDGE LOCATED ACROSS MILE 3.80 OF THE BLACK ROCK CANAL IN BUFFALO, ERIE COUNTY, NEW YORK BRIDGE CROSS SECTION		
	APPLICANT / OWNER:	 	
SIGNATURE: 	BRIDGE RIVER MILE POINT LOCATION	BLACK ROCK SWING BRIDGE BLACK ROCK CANAL 3.8 BUFFALO, ERIE COUNTY, NY	
DATE: 03/27/2024	DATE SHEET	MARCH 8, 2024 4 OF 4	