

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
Ninth Coast Guard District

1240 E. 9th St., Room 2047
Cleveland, OH 44199-2001
Staff Symbol: (dpb)
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August 8, 2016

PUBLIC NOTICE 09-03-16

All interested parties are notified that an application has been received by Commander, Ninth Coast Guard District, from the City of Cleveland, Ohio, for approval of location and plans for the construction of a double-leaf bascule pedestrian bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Voinovich Park Pedestrian Bridge, Mile 0.00, North Coast Harbor of Cleveland's Inner Harbor, City of Cleveland, in Cuyahoga County, Ohio.

CHARACTER OF WORK: Construction of a double-leaf bascule pedestrian bridge from the southwest corner of Voinovich Park to the north end of the finger pier at Dock 32 of North Coast Harbor.

MINIMUM NAVIGATIONAL CLEARANCES:

Horizontal: 130.0-ft abutment to abutment with center 90.0-ft for the navigation channel.

Vertical (open position): Unlimited clearance in the open position.

Vertical (closed position): 4.8-ft at the limits of the navigation channel; 6.5-ft at center (Referred to Low Water Datum, Elevation 569.20, Lake Erie (IGLD85)).

Proposed Operation: Bridge tender will be on site. Proposed bridge would open on signal from April 15 to October 31 of each year. From November 1 to April 14 of each year, the proposed bridge would open with 12-hours advance notice.

ENVIRONMENTAL CONSIDERATIONS:

The Federal Highway Administration (FHWA), the lead federal agency, has reviewed and tentatively approved the project as a Categorical Exclusion (CATEX) for purposes of the National Environmental Policy Act (NEPA).

A bridge protective fendering system consisting of two sets of dolphin piles located on both sides of the bridge at the limits of the navigation channel will be utilized. This notice solicits comments on the proposed bridge protective fendering system.

The proposed replacement bridge would require navigation lighting.

The proposed replacement bridge is located within a mapped 100-year Federal Emergency Management Agency (FEMA) floodplain. No piers or fill will be placed in North Coast Harbor as a result of the proposed bridge's construction. The proposed bridge's abutments are to be placed near the top of existing slopes resulting in little to no change of the existing channel's contours. An additional 0.01 acres of rip rap will be added to the existing rip rap slopes for increased erosion protection. The U.S. Army Corps of Engineers (USACE) anticipates no impact to the floodplain and no mitigation measures will be required. USACE has made a determination that a Shore Structure Permit will not be required for the proposed project. The applicant has applied for a USACE Nationwide Provisional Permit (NWP) #14 for work in a navigable waterway of the United States.

The applicant has applied to the Ohio Department of Natural Resources for a Coastal Zone Management certification.

The applicant has applied for a Section 401 Water Quality Certification (WQC) for the proposed project through their application to USACE for a NWP #14. The Ohio Environmental Protection Agency (OH-EPA) has certified that USACE's NWPs comply with Section 401 of the Federal Water Pollution Control Act, pursuant to P.L. 92-500.

Relocation of residences and businesses will not be required.

No historic properties or cultural resources eligible for inclusion on the National Register of Historic Places (NRHP) are expected to be adversely affected by the proposed project. A preliminary review by the Ohio State Historic Preservation Office (SHPO) found that one potential culturally historic site, the E. 9th Street Piers, is located within the project area. However, during construction of Voinovich Park significant portions of these structures were removed entirely or removed below the existing grade. The pier structures themselves are no longer visible. Because of this heavy disturbance SHPO believes the structure is likely not eligible for the NRHP. Ohio Department of Transportation (ODOT) Office of Environmental Services (OES) concluded that no historic properties are likely to be adversely affected by the proposed project

There are no parklands expected to be adversely affected by the proposed project. As proposed, the project aims to complete the pedestrian loop around North Coast Harbor and provide a secondary point of egress to Voinovich Park while maintaining maritime access to the harbor and associated docks.

The project is not expected to result in any direct or indirect effects on any known federal or state listed threatened or endangered species. Six state-listed species and four federally-listed species are listed as potentially existing in the project area by ODNR and U.S. Fish and Wildlife Service (USFWS). An ecological survey of the area was completed in 2016 by ODNR and found no evidence of any listed species, or habitat capable of sustaining those species, within 5 miles of the proposed project site. Based on this information no further coordination is required with ODNR or USFWS regarding potential impacts to threatened or endangered species.

The project is not expected to affect any known Essential Fish Habitats (EFH), as designated by National Marine Fisheries Service (NMFS).

In reference to the provisions of Executive Order 12898, Environmental Justice, we are soliciting information concerning possible impacts of the proposed bridge project on minority and low-income populations.

SOLICITATION OF COMMENTS:

This Public Notice requests comments from Federal, State and Local agencies to identify potential permit requirements or environmental impacts. This Public Notice also requests comments from waterway users and marine facilities regarding the proposed navigation clearances. Interested parties are requested to express their views, in writing, on the proposed bridge project giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed work.

Comments will be received for the record at the Office of Commander (dpb), Ninth Coast Guard District, 1240 East Ninth Street, Room 2025, Cleveland, Ohio 44199, through **September 7, 2016**. These comments will be made part of the case record.

//s//

SCOT M. STRIFFLER
Bridge Program Manager
By direction of Commander,
Ninth Coast Guard District

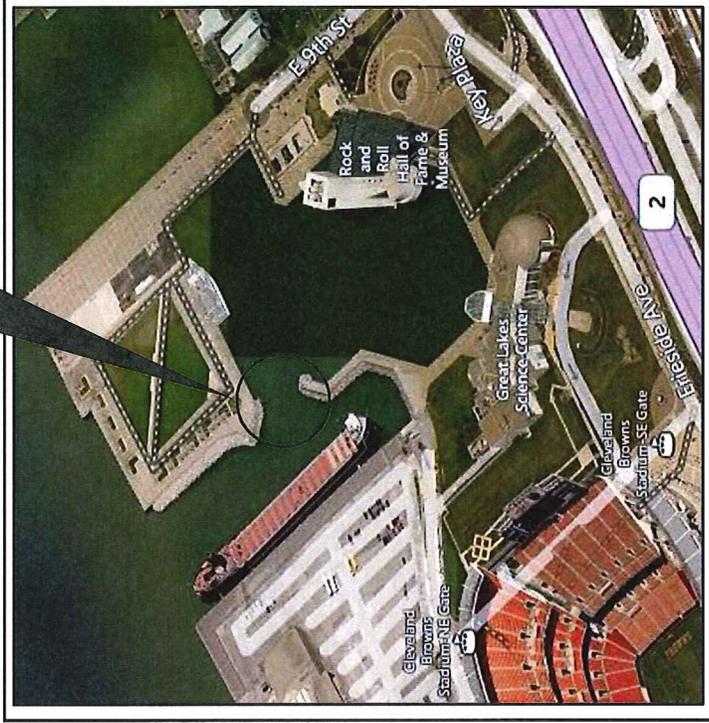
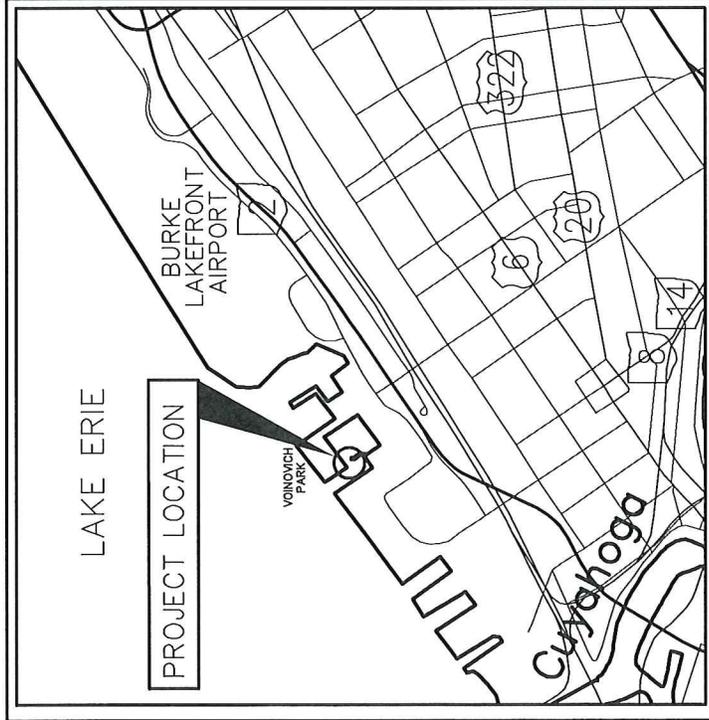
Map of location and plans attached.

NOTICE TO POSTMASTER: It is requested the above notice be conspicuously and continuously posted until **September 7, 2016**.

PROJECT LOCATION



PROJECT LOCATION



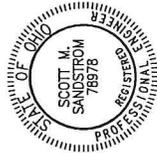
VICINITY MAP



LOCATION MAP



ENGINEERS SEAL:



SIGNED: *Scott Sandstrom*
DATE: 6/20/16

Notes:
There are no wildlife or waterfowl refuges in the vicinity of the proposed bridge.
The bridge spans between North Coast Harbor and Voinovich Bicentennial Park. East Ninth Street Pier is adjacent to Voinovich Park. All are property of the City of Cleveland.
Elevations shown on these plans are based on IGLD 85.

PLAN PREPARED BY:

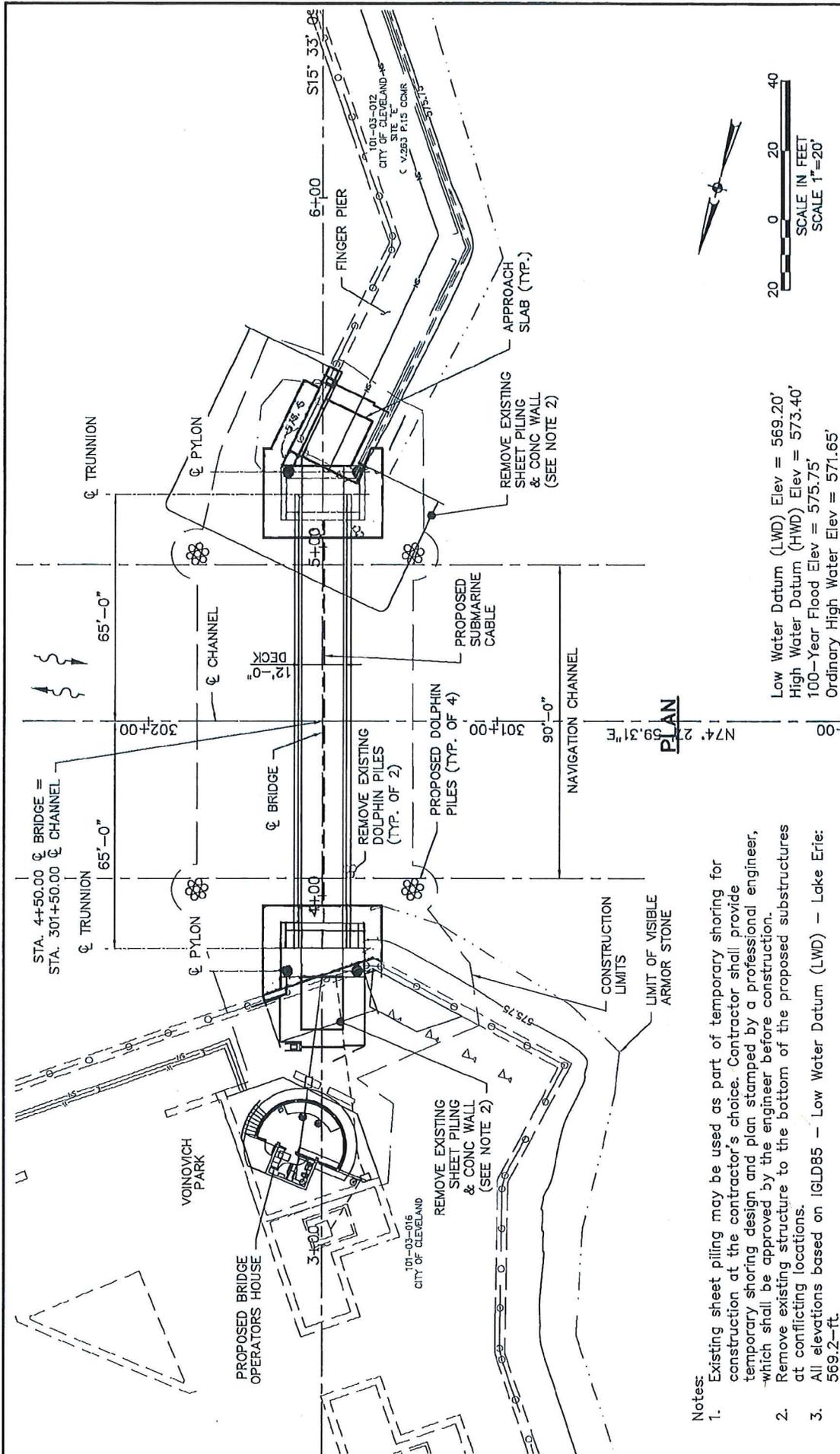
1468 W. 9TH STREET
SUITE 750
CLEVELAND, OH 44113



JUNE 2016
SHEET 1 OF 4

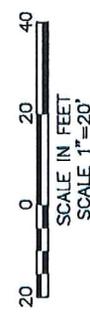
CITY OF CLEVELAND

NORTH COAST HARBOR PEDESTRIAN BRIDGE
OVER
CLEVELAND INNER HARBOR, MILE 0.0
AT
CLEVELAND, CUYAHOGA COUNTY, OHIO
LOCATION AND VICINITY MAP



- Notes:
- Existing sheet piling may be used as part of temporary shoring for construction at the contractor's choice. Contractor shall provide temporary shoring design and plan stamped by a professional engineer, which shall be approved by the engineer before construction.
 - Remove existing structure to the bottom of the proposed substructures at conflicting locations.
 - All elevations based on IGLD85 - Low Water Datum (LWD) - Lake Erie: 569.2-ft.

Low Water Datum (LWD) Elev = 569.20'
 High Water Datum (HWD) Elev = 573.40'
 100-Year Flood Elev = 575.75'
 Ordinary High Water Elev = 571.65'
 Ordinary Low Water Elev = 570.55'



ENGINEERS SEAL:



SIGNED: *[Signature]*
 DATE: 7/11/2016

Legend

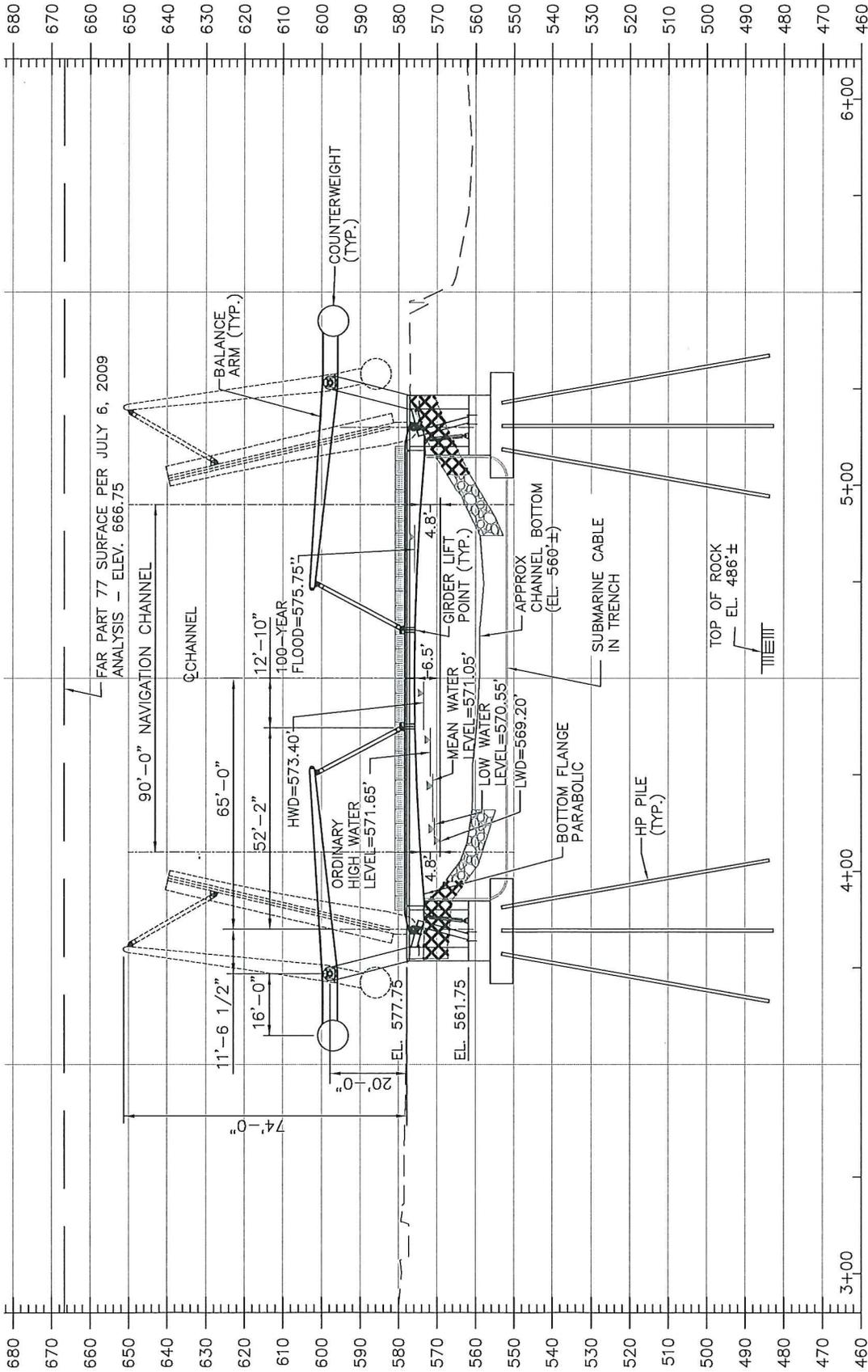


Remove existing riprap to construct proposed abutment.
 Backfill with concrete abutment and riprap.

PLAN PREPARED BY:

CDM Smith
 1468 W. 9TH STREET
 SUITE 750
 CLEVELAND, OH 44113

JUNE 2016 SHEET 2 OF 4
CITY OF CLEVELAND
NORTH COAST HARBOR PEDESTRIAN BRIDGE OVER CLEVELAND INNER HARBOR, MILE 0.0 AT CLEVELAND, CUYAHOGA COUNTY, OHIO
BRIDGE PLAN VIEW



ELEVATION



Legend



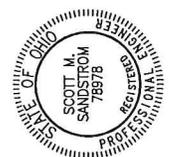
Remove existing riprap to construct proposed abutment.
Backfill with concrete abutment and riprap.

JUNE 2016 SHEET 3 OF 4
CITY OF CLEVELAND
NORTH COAST HARBOR PEDESTRIAN BRIDGE OVER CLEVELAND INNER HARBOR, MILE 0.0 AT CLEVELAND, CUYAHOGA COUNTY, OHIO
BRIDGE ELEVATION VIEW

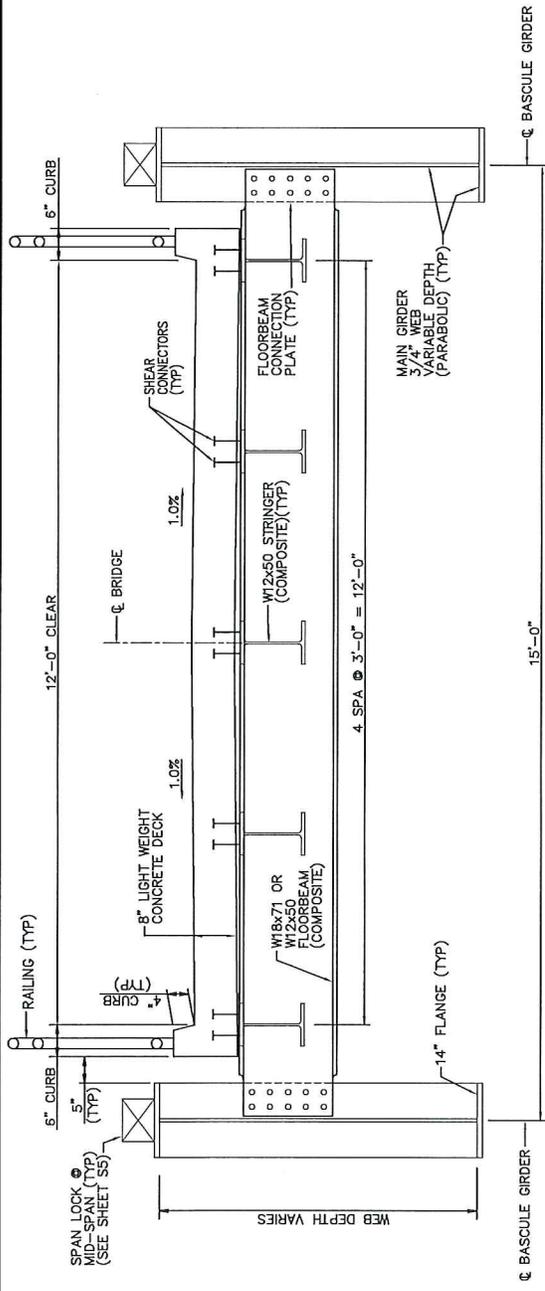
NOTE: All elevations based on IGLD85 -
Low Water Datum (LWD) - Lake Erie:
569.2-ft
PLAN PREPARED BY:

CDM Smith
1468 W. 9TH STREET
SUITE 750
CLEVELAND, OH 44113

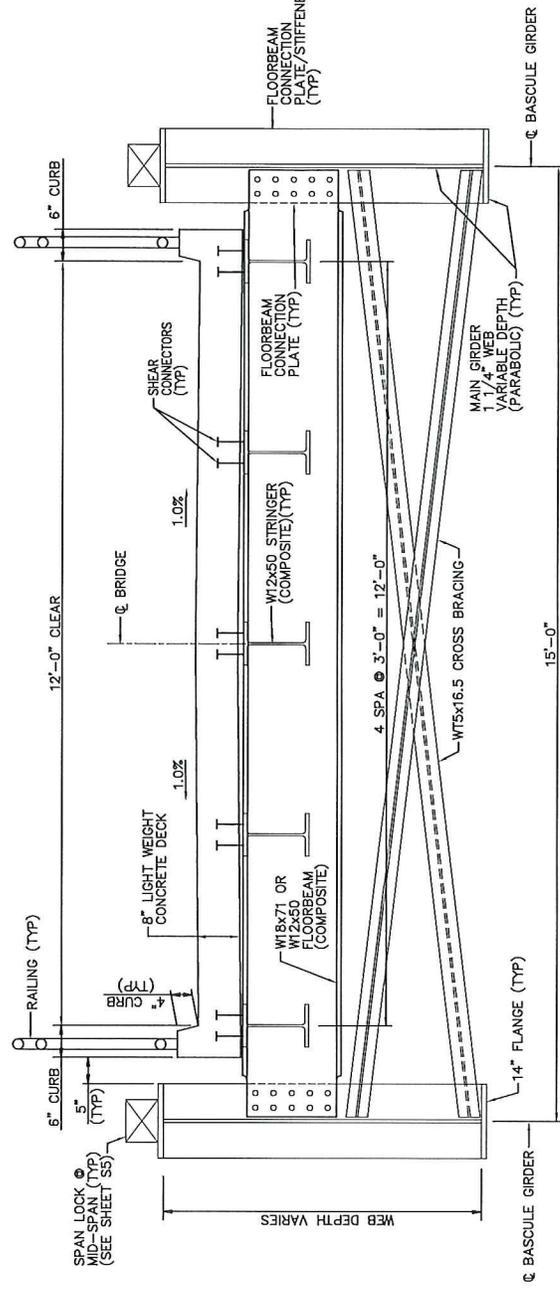
ENGINEERS SEAL:



SIGNED: *Scott M. Sandstrom*
DATE: 6/12/16



TYPICAL SECTION AT FLOORBEAMS 4, 5, 6 & 7
(LATERAL BRACING NOT SHOWN FOR CLARITY)



TYPICAL SECTION AT FLOORBEAMS 2 & 3
(LATERAL BRACING NOT SHOWN FOR CLARITY)

PROPOSED STRUCTURE

TYPE: DOUBLE LEAF BASCULE BRIDGE WITH STEEL PLATE GIRDER STEEL PLATE GIRDER ON REINFORCED CONCRETE SUBSTRUCTURES ON H-PILES (OVERHEAD COUNTERWEIGHT)

SPANS: 130'-0" C/C TRUNNIONS

ROADWAY: 12'-0" CURB TO CURB

SKEW: 0°

ALIGNMENT: TANGENT

CROWN: 1.0% CROSS SLOPE FROM CENTER OF BRIDGE TO CURBS

LOADING: PEDESTRIAN AND H15 MAINTENANCE TRUCK

WEARING SURFACE: REINFORCED CONCRETE WITH SHEAR CONNECTORS & COATING

LATITUDE: 41°-30'-34" N

LONGITUDE: 81°-41'-50" W

ENGINEERS SEAL:

SCOTT M. SANDSTROM
75978
REGISTERED ENGINEER
STATE OF OHIO

SIGNED: *[Signature]*
DATE: 6/16/16

PLAN PREPARED BY:
1468 W. 9TH STREET
SUITE 750
CLEVELAND, OH 44113



JUNE 2016
SHEET 4 OF 4

CITY OF CLEVELAND

NORTH COAST HARBOR PEDESTRIAN BRIDGE
OVER
CLEVELAND INNER HARBOR, MILE 0.0
AT
CLEVELAND, CUYAHOGA COUNTY, OHIO

BRIDGE SECTION VIEW