



Commander (dpb)
First Coast Guard District
408 Atlantic Avenue
Boston, MA 02110-3350

August 25, 2020

PUBLIC NOTICE (1-181)

BRIDGE PERMIT APPLICATION TO CONSTRUCT A NEW NORTHERN AVENUE BRIDGE OVER FORT POINT CHANNEL, MILE 0.1, BOSTON, MASSACHUSETTS

All interested parties are notified that an application from the City of Boston has been received by the Commander, First Coast Guard District, for approval of the enclosed plans to construct a fixed bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Fort Point Channel, mile 0.1, Boston, Massachusetts

CHARACTER OF WORK: The City of Boston proposes to construct a new Northern Avenue Bridge on the same alignment as the existing bridge. The new bridge will be used by pedestrians and bicyclist and have the potential for emergency and bus transit use. A promenade will be constructed to allow the public to enjoy access to and views of Boston Harbor.

The clearances of the proposed fixed bridge will match the clearances of the Evelyn Moakley Bridge 185 feet upstream and the channel of the new bridge will align with the channel through the Evelyn Moakley Bridge. Demolition of the old piers will require excavation down to two feet below the mudline and backfilling with clean, suitable material. Up to 3,881 cubic yards of material will be excavated over 22,309 square feet of subtidal bottom to perform the work. The City of Boston has submitted a permit application to the Army Corps of Engineers to perform the work required to remove the existing bridge and piers.

MINIMUM NAVIGATIONAL CLEARANCES:

	<u>Existing</u>	<u>Proposed</u>
Horizontal: (Between fenders)	76 feet	76 feet
Vertical	Unlimited (open) 7 feet (closed MHW) 16.49 (MLW)	16.27 feet (MHW) 25.76 (MLW)

ENVIRONMENTAL CONSIDERATIONS:

As the lead Federal agency for construction of the new bridge, the Coast Guard has reviewed the environmental report prepared by the applicant. The Coast Guard has tentatively determined that the proposed action will not have a significant impact on the environment for purposes of the National Environmental Policy Act (NEPA) under the criteria given in the USCG's NEPA implementation instruction. As a result, a USCG categorical exclusion determination (CED) will be the final environmental document unless significant impacts are revealed by this public notification that warrant the preparation of an environmental assessment or an environmental impact statement.

Based upon environmental documentation submitted for this project, it appears that the proposed bridge project will have no adverse environmental justice impacts upon minority and low-income populations. Factual information and data contrary to this no adverse impact position should be submitted in response to this notice.

The bridge approaches will be constructed within the limits of the 100-year flood plain. The elevation of the 100-year flood is 13 feet and the elevation of low steel of the proposed bridge is 20.60 feet. The City of Boston submitted an Individual Permit application addressing wetlands with the U.S. Army Corps of Engineers. The net impact to the waters of the United States is a net increase (restoration) of 3,977 square feet in waters of the United States.

The City of Boston submitted an application for Water Quality Certification to the Massachusetts Department of Environmental Protection on May 11, 2020, and submitted a Coastal Zone Management Federal Consistency Determination to the Massachusetts Office of Coastal Zone Management on April 30, 2020. The Army Corps of Engineers and the City of Boston are conducting consultation with the State Historic Preservation Officer regarding compliance with Section 106 of the National Historic Preservation Act of 1966. The Coast Guard will participate in the consultation.

The City of Boston conducted an Essential Fish Habitat Assessment (EFH) to describe how the proposed action may adversely affect Essential Fish Habitat and Habitat Areas of Particular Concern (HAPC) pursuant to Section 305(b)(2) of the Magnuson-Stevens Conservation and Management Act. The Assessment concluded that the project may adversely affect EFH during construction, but the effects would be temporary and minimal.

SOLICITATION OF COMMENTS:

Interested parties are requested to express their views, in writing, on the proposed bridge project's possible environmental impacts, including impacts on minority and/or low income populations. Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigation safety issues, including the need for clearance gauges and extent of nighttime navigation.

Comments will be received at the office of the Commander (dpb), First Coast Guard District, 408 Atlantic Avenue, Boston, MA, 02110 through September 28, 2020 or by email at Jeffrey.D.Stieb@uscg.mil.

A map of the location and plans are attached.

FOR THE DISTRICT COMMANDER:

//s//

J.L. Rousseau
Supervisory Bridge Management Specialist
First Coast Guard District
By direction

This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.



SOMERVILLE
CAMBRIDGE



**NORTHERN AVENUE
BRIDGE**

CAMBRIDGE
BOSTON

SEE NOTE 2



FORT POINT
CHANNEL

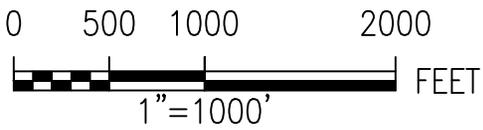
SOUTH
STATION



BOSTON DRYDOCK

LOCATION MAP

1"=1000'



EAST
BOSTON

FLOOD

BOSTON
HARBOR

EBB

FEDERAL
COURTHOUSE

RESERVED CHANNEL

LOGAN
AIRPORT



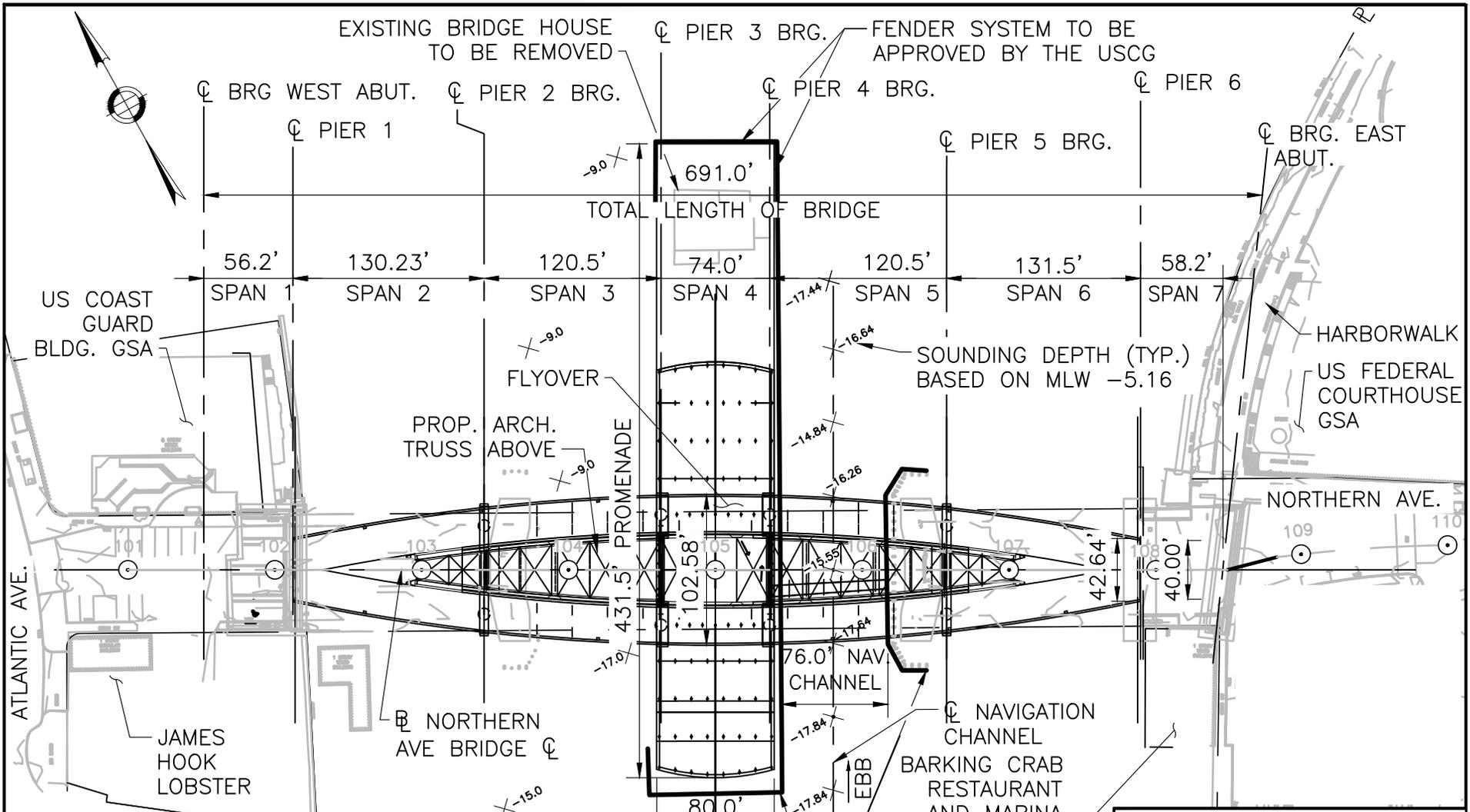
NORTHERN
AVENUE
BRIDGE

NOTES:

1. NORTHERN AVENUE BRIDGE IS LOCATED IN THE FORT POINT CHANNEL HISTORIC DISTRICT.
2. NEARBY STRUCTURES:
EVELYN MOAKLEY BRIDGE
CONGRESS STREET BRIDGE
SUMMER STREET BRIDGE
3. CONCEPTUAL PLANS UTILIZED FOR OBTAINING U.S. COAST GUARD BRIDGE PERMIT.
4. DATUM: NAVD 88.

OWNER/APPLICANT: CITY OF BOSTON
<u>NORTHERN AVENUE BRIDGE</u> CITY OF BOSTON MIDDLESEX COUNTY, MASSACHUSETTS NORTHERN AVENUE BRIDGE OVER FORT POINT CHANNEL MILEPOINT 0.1
PRIME CONSULTANT / ENGINEER: AECOM
SHEET 1 OF 4

AUG. 21, 2020



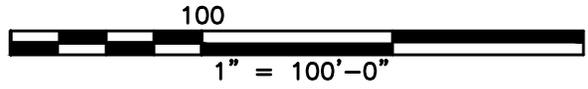
NOTES:

1. DATUM: NAVD 88.
2. CONCEPTUAL PLANS UTILIZED FOR OBTAINING U.S. COAST GUARD BRIDGE PERMIT.
3. DREDGE AND FILL MATERIAL TO BE PERMITTED BY ARMY CORPS OF ENGINEERS.
4. REMOVAL OF EXISTING STRUCTURE UNDER THE JURISDICTION OF THE ARMY CORPS OF ENGINEERS.

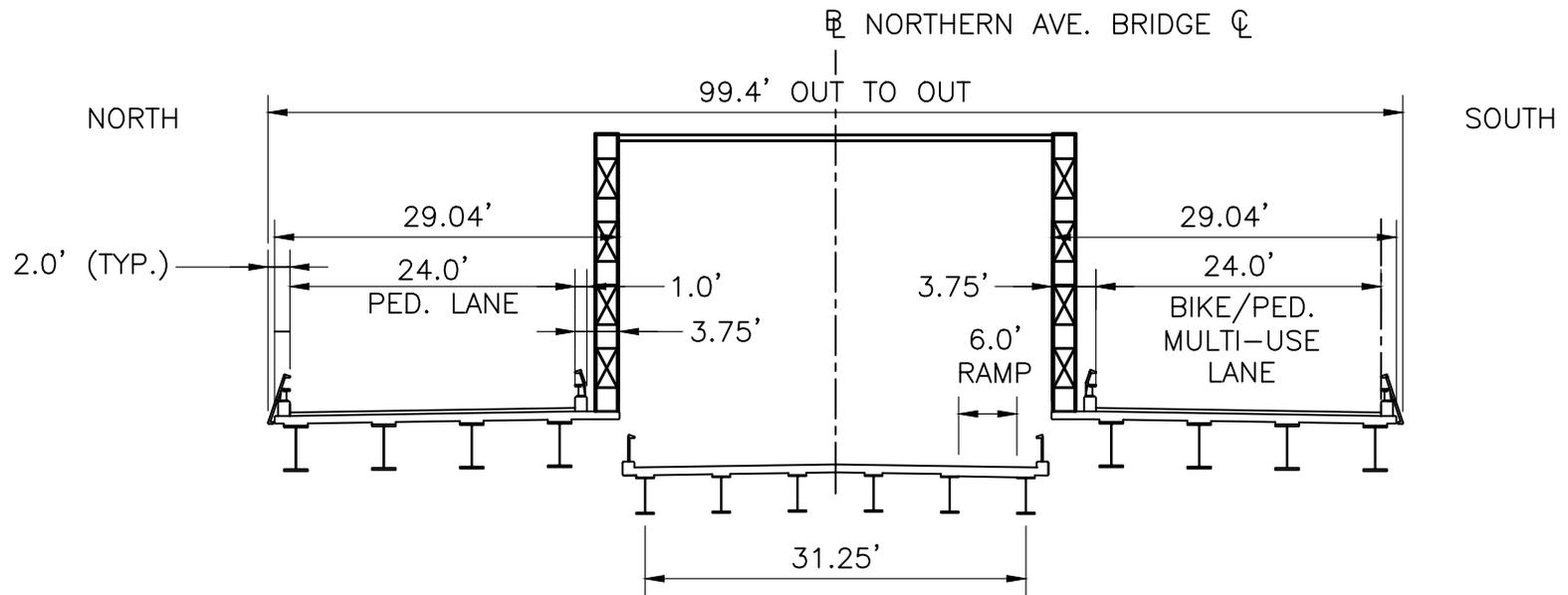
FENDER SYSTEM
TO BE APPROVED
BY THE USCG

GENERAL PLAN

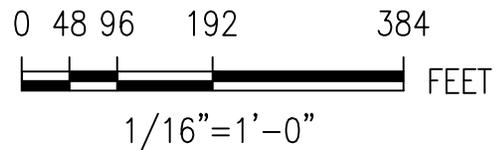
SCALE: 1" = 100'-0"



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PRIME CONSULTANT / ENGINEER: AECOM
SHEET 2 OF 4 AUG. 21, 2020



SECTION ABOVE NAVIGABLE CHANNEL
STA. 106+00



NOTES:

1. CONCEPTUAL PLANS UTILIZED FOR OBTAINING U.S. COAST GUARD BRIDGE PERMIT.
2. SECTION SHOWN IS AT THE CENTER OF THE NAVIGABLE CHANNEL.

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PRIME CONSULTANT / ENGINEER: AECOM SHEET 4 OF 4

AUG. 21, 2020