



November 29, 2022

PRELIMINARY PUBLIC NOTICE D01-196-22

The United States Coast Guard is soliciting public comments on a proposal by the City of Boston to replace the superstructure on the Long Island Bridge between Moon Island and Long Island in Boston Harbor. In 2015 the superstructure was removed following inspections which determined the superstructure was no longer safe for use. The purpose of this project is to reestablish vehicular access to the public health facilities on Long Island.

On February 8, 2019, the City of Boston submitted an application for a Coast Guard Bridge Permit. In February 2021, the Coast Guard requested that the City of Boston prepare a Navigation Impact Study to evaluate the impact the reinstatement of the superstructure would have on vessel traffic that has passed through the bridge site (locally called the Western Way) since the emergency superstructure removal in 2015.

On August 31, 2022, in accordance with Section 106 of the National Historic Preservation Act, the Coast Guard issued a preliminary public notice requesting interested parties to express their views on the presence of historic properties and/or the adverse effects of the proposed bridge superstructure replacement project on historic properties. Comments received in response to the Section 106 Public Notice are under consideration by the Coast Guard.

The Coast Guard is issuing this Preliminary Public Notice to solicit information on the proposed clearances of the superstructure and on waterway usage. Though information received in response to the City of Boston's 2021 navigation surveys will be considered, parties who submitted information to the City of Boston's surveys are encouraged to reply to this Public Notice. At the Coast Guard's request, the City of Boston prepared a Navigation Impact Study and Supplement which may be viewed at <https://www.boston.gov/long-island#related-info>

WATERWAY AND LOCATION: Boston Harbor between Moon Island and Long Island.

MINIMUM NAVIGATIONAL CLEARANCES:

	Vertical Clearance (MHW)	Vertical Clearance (MLW)	Horizontal Clearance
Previous Superstructure Clearance	50 ft	59.49 ft	150 ft
Proposed Superstructure Clearance	51.75 ft	61.24 ft	150 ft

SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed clearances, impacts to navigation, and safety issues, including the need for clearance gauges and extended nighttime navigation through the bridge.

Boat owners are requested to provide information about the ability of their vessel to transit through the bridge site with the proposed clearances including type of vessel, length overall, draft, beam, and height from the waterline to the highest fixed point. Also provide where the vessel is primarily moored and the frequency of passage through the bridge site (i.e., number of times per month – a round trip should be reported as two passages).

Interested parties are requested to express their views in writing on the proposed project, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed clearances. Comments will be received for the record at the address above or by e-mail to SMB-D1Boston-Bridges-PublicNotices@uscg.mil through January 6, 2023.

It is requested that this information be brought to the attention of any person having an interest who may not have received a copy of this public notice.

Concept plans of the proposed project are included in this public notice.

FOR THE DISTRICT COMMANDER:

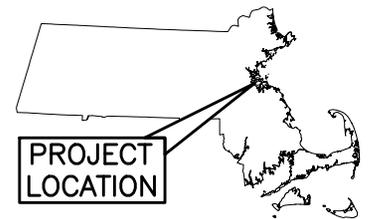
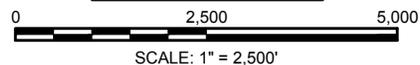
//s//

D. A. Fisher
Bridge Program Manager
By direction

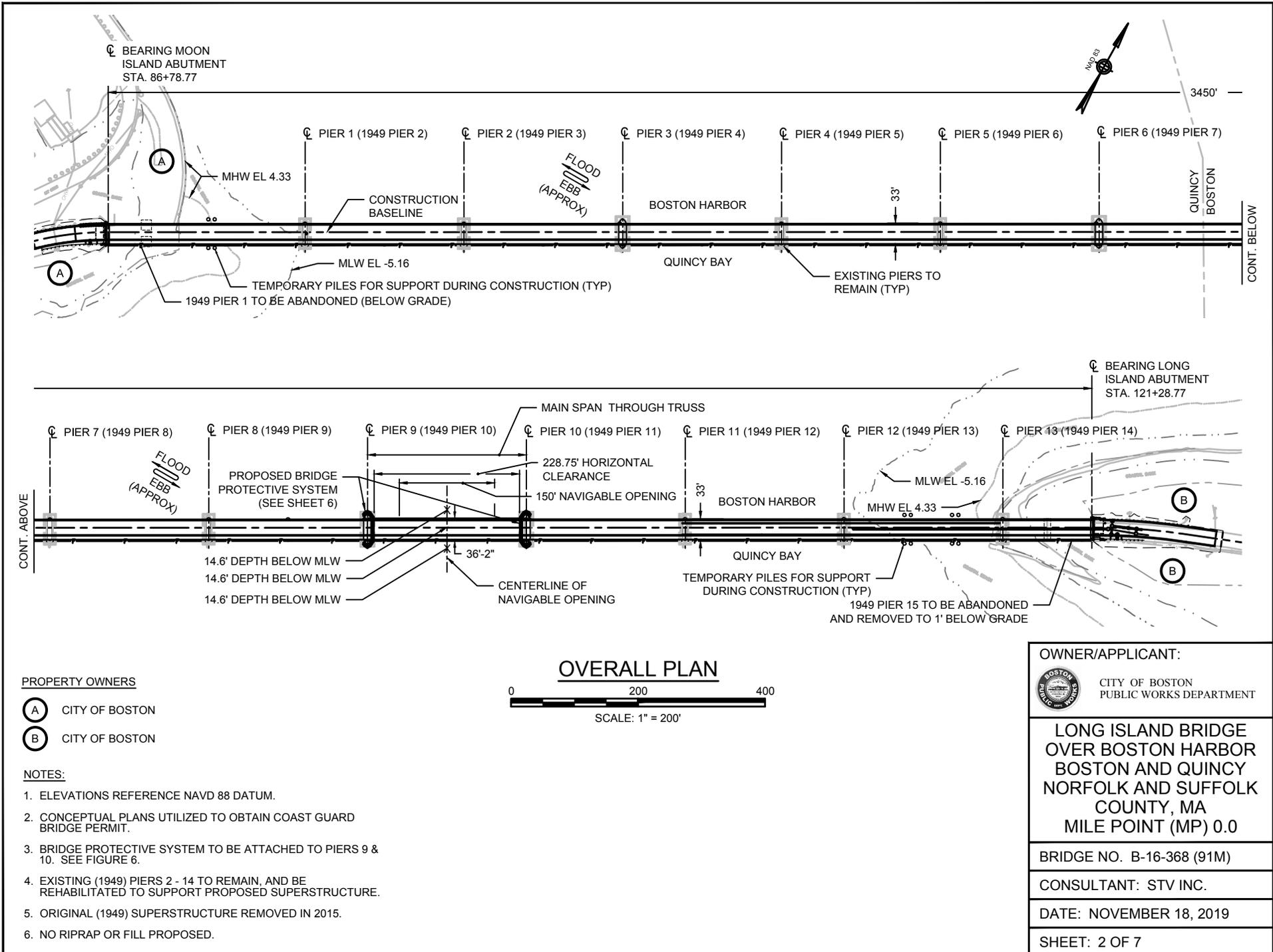
This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.



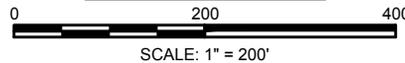
VICINITY MAP



OWNER/APPLICANT:	
	CITY OF BOSTON PUBLIC WORKS DEPARTMENT
LONG ISLAND BRIDGE OVER BOSTON HARBOR BOSTON AND QUINCY NORFOLK AND SUFFOLK COUNTY, MA MILE POINT (MP) 0.0	
BRIDGE NO. B-16-368 (91M)	
CONSULTANT: STV INC.	
DATE: NOVEMBER 18, 2019	
SHEET: 1 OF 7	



OVERALL PLAN



PROPERTY OWNERS

- (A) CITY OF BOSTON
- (B) CITY OF BOSTON

NOTES:

1. ELEVATIONS REFERENCE NAVD 88 DATUM.
2. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
3. BRIDGE PROTECTIVE SYSTEM TO BE ATTACHED TO PIERS 9 & 10. SEE FIGURE 6.
4. EXISTING (1949) PIERS 2 - 14 TO REMAIN, AND BE REHABILITATED TO SUPPORT PROPOSED SUPERSTRUCTURE.
5. ORIGINAL (1949) SUPERSTRUCTURE REMOVED IN 2015.
6. NO RIPRAP OR FILL PROPOSED.

OWNER/APPLICANT:



CITY OF BOSTON
PUBLIC WORKS DEPARTMENT

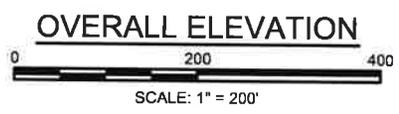
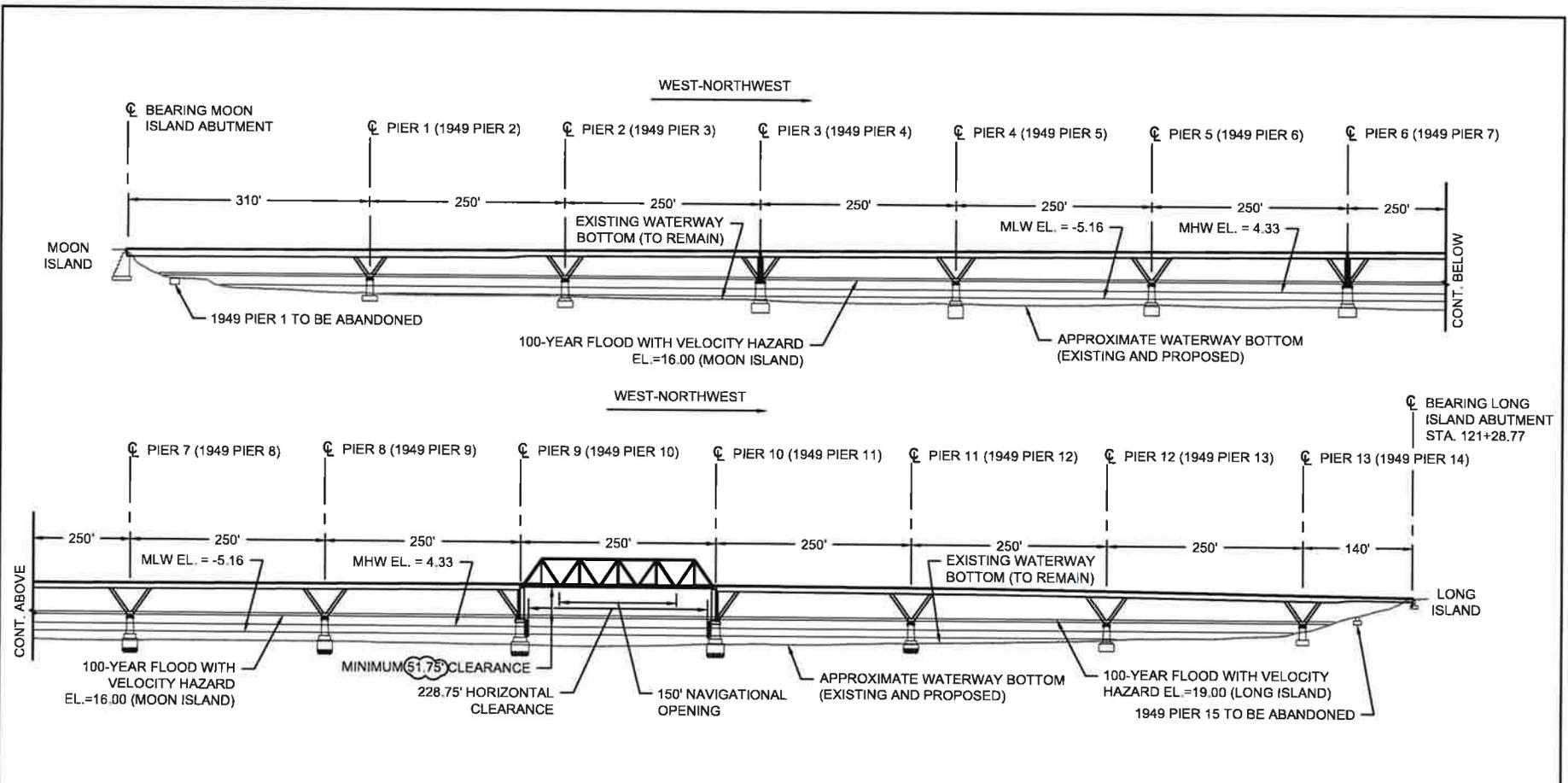
**LONG ISLAND BRIDGE
OVER BOSTON HARBOR
BOSTON AND QUINCY
NORFOLK AND SUFFOLK
COUNTY, MA
MILE POINT (MP) 0.0**

BRIDGE NO. B-16-368 (91M)

CONSULTANT: STV INC.

DATE: NOVEMBER 18, 2019

SHEET: 2 OF 7



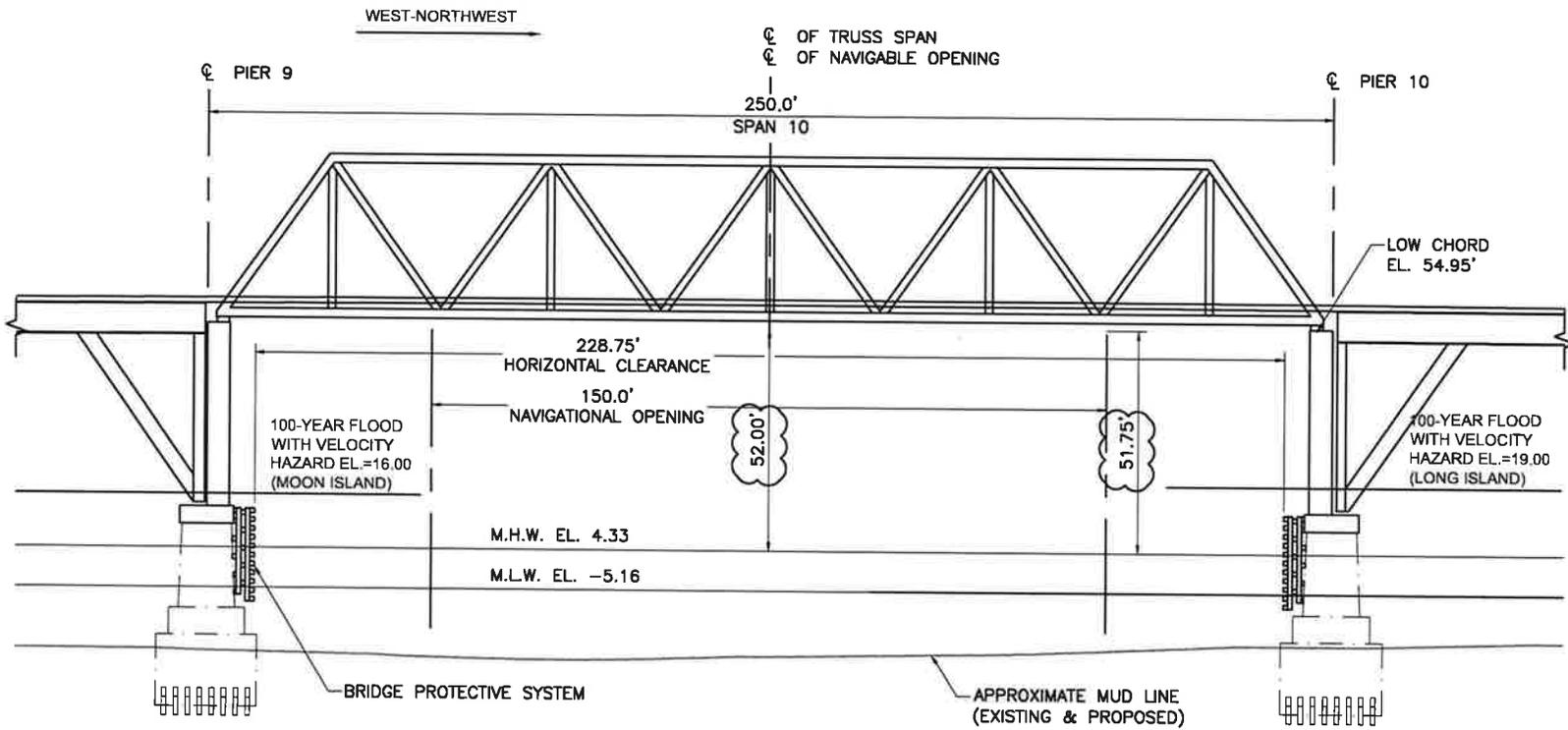
NOTES:

1. ELEVATIONS REFERENCE NAVD 88 DATUM. BRIDGE PERMIT APPROVED IN 1950 REFERENCED BOSTON CITY BASE. SUBTRACT 6.46' TO CONVERT (EL. 18.00' BCB = EL. 11.54 NAVD88).
2. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
3. 51' MINIMUM VERTICAL CLEARANCE PROVIDED FOR 150' NAVIGABLE OPENING.
4. NO RIPRAP OR FILL PROPOSED BELOW MHW.

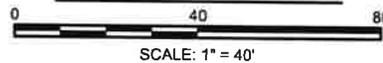


REVISED JUNE 17, 2021 TO INCREASE PROPOSED VERTICAL CLEARANCE

OWNER/APPLICANT:
CITY OF BOSTON PUBLIC WORKS DEPARTMENT
LONG ISLAND BRIDGE OVER BOSTON HARBOR BOSTON AND QUINCY NORFOLK AND SUFFOLK COUNTY, MA MILE POINT (MP) 0.0
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TRUSS ELEVATION



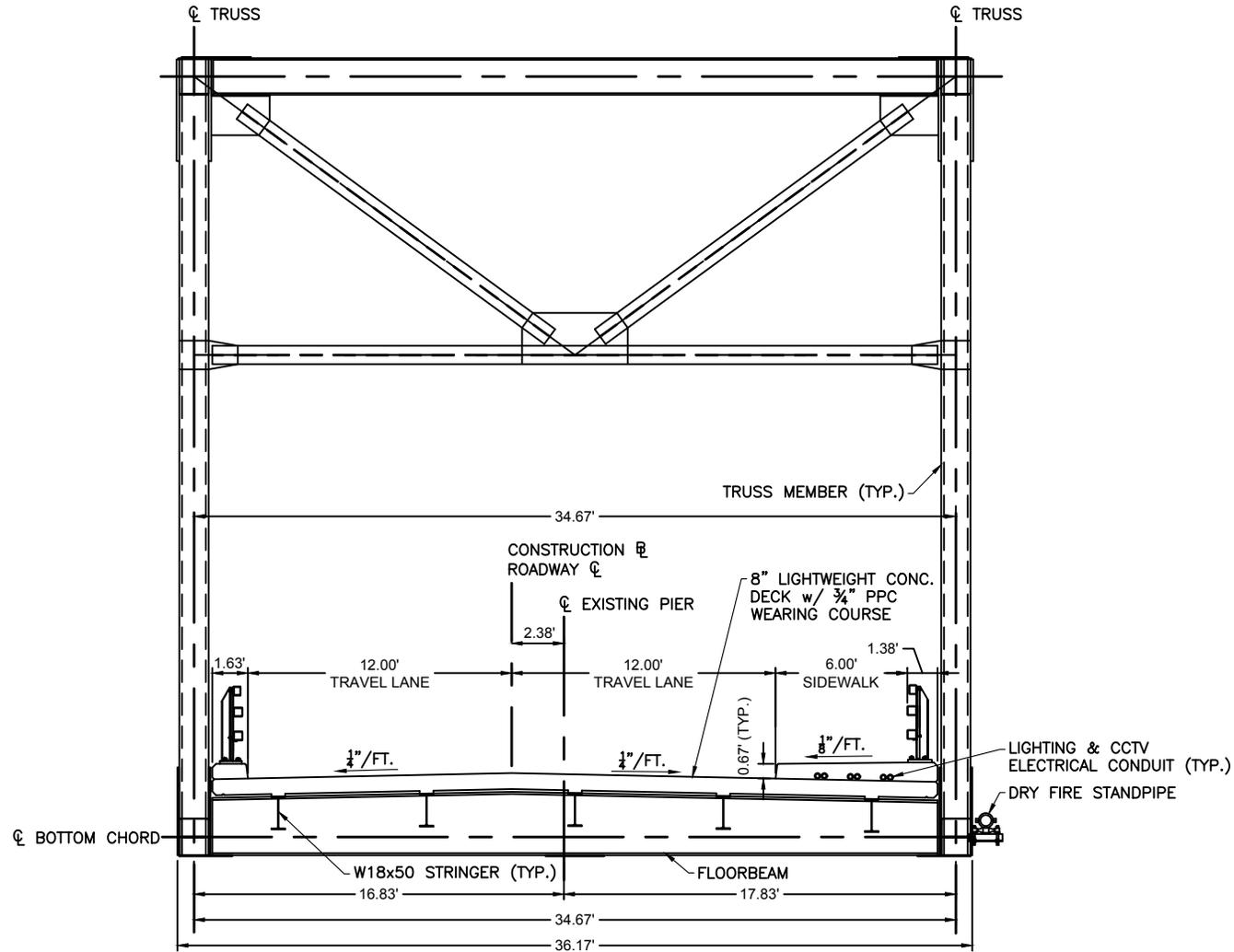
NOTES:

1. ELEVATIONS REFERENCE NAVD 88 DATUM.
2. 51.0' MINIMUM VERTICAL CLEARANCE PROVIDED WITHIN 150.0' NAVIGABLE OPENING.
3. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
4. NO FILL IS PROPOSED BELOW MHW.
5. COASTAL FLOOD ZONE VELOCITY HAZARD BASE ELEVATIONS DETERMINED FROM FEMA FIRM.

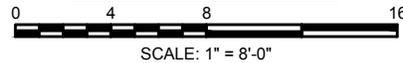


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PROPOSED VERTICAL CLEARANCE

OWNER/APPLICANT:	
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BRIDGE NO. B-16-368 (91M)	
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SHEET: 4 OF 7	



CROSS SECTION



NOTES:

1. PORTAL FRAME BRACING IS SHOWN EXAGGERATED VERTICALLY DUE TO SLOPE OF FRAME.
2. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

OWNER/APPLICANT:



CITY OF BOSTON
PUBLIC WORKS DEPARTMENT

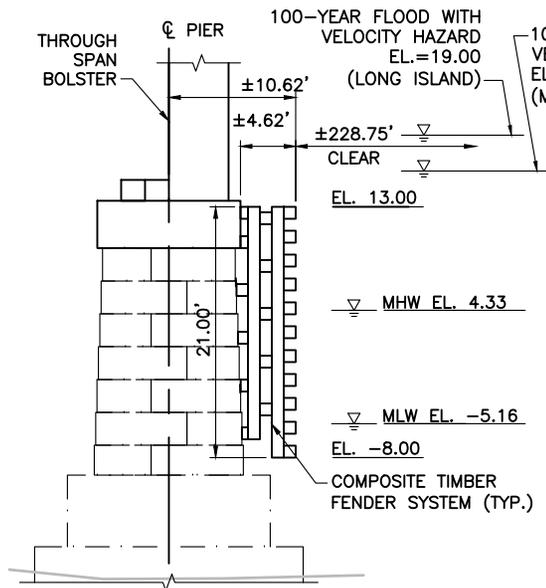
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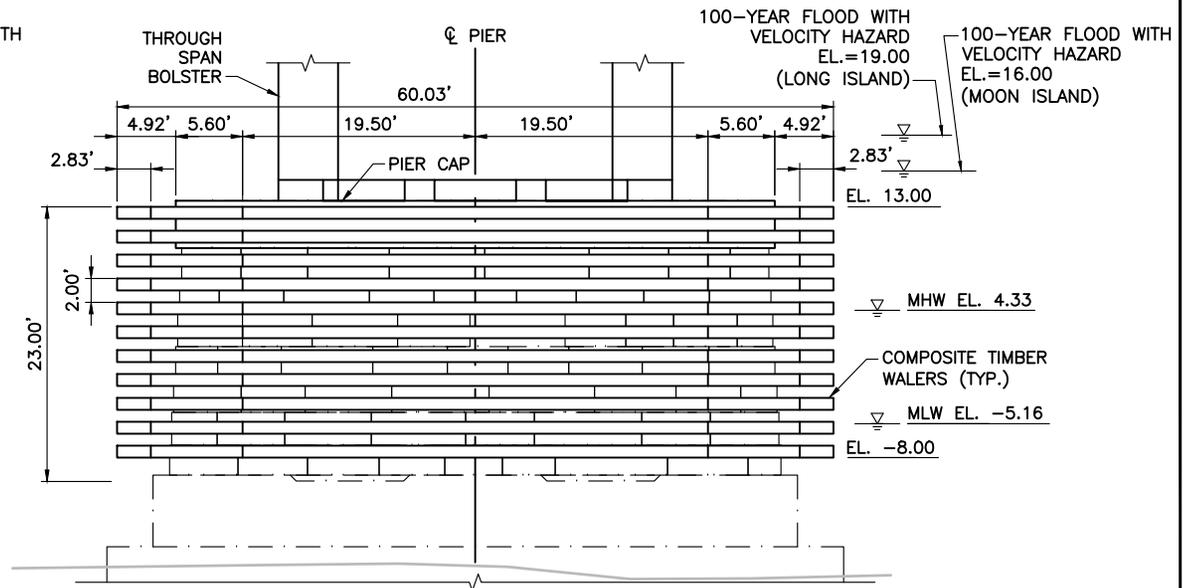
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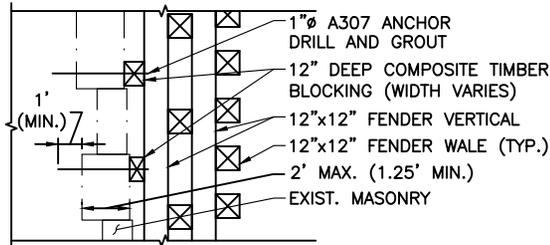
SHEET: 5 OF 7



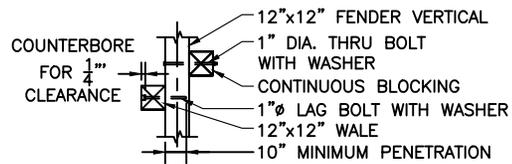
SECTION



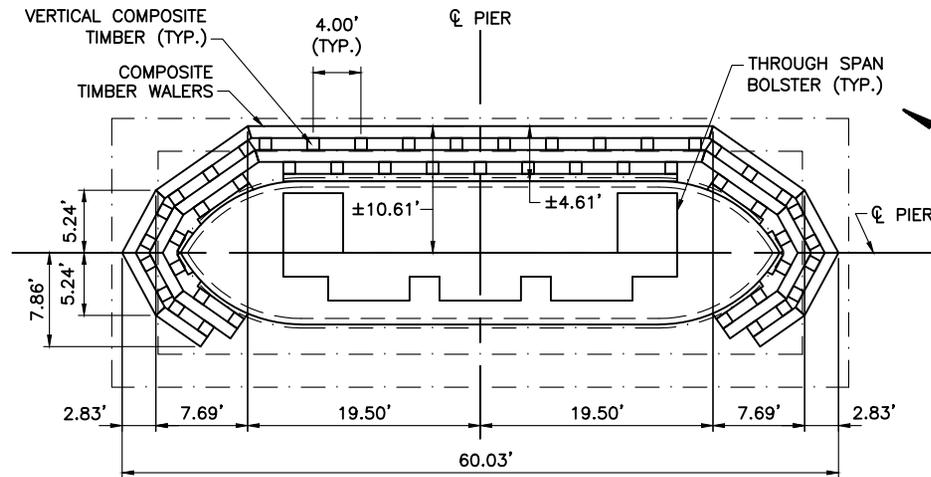
ELEVATION (LOOKING WEST)



FENDER ATTACHMENT TO PIER STEM



TYPICAL LAG BOLT INSTALLATION



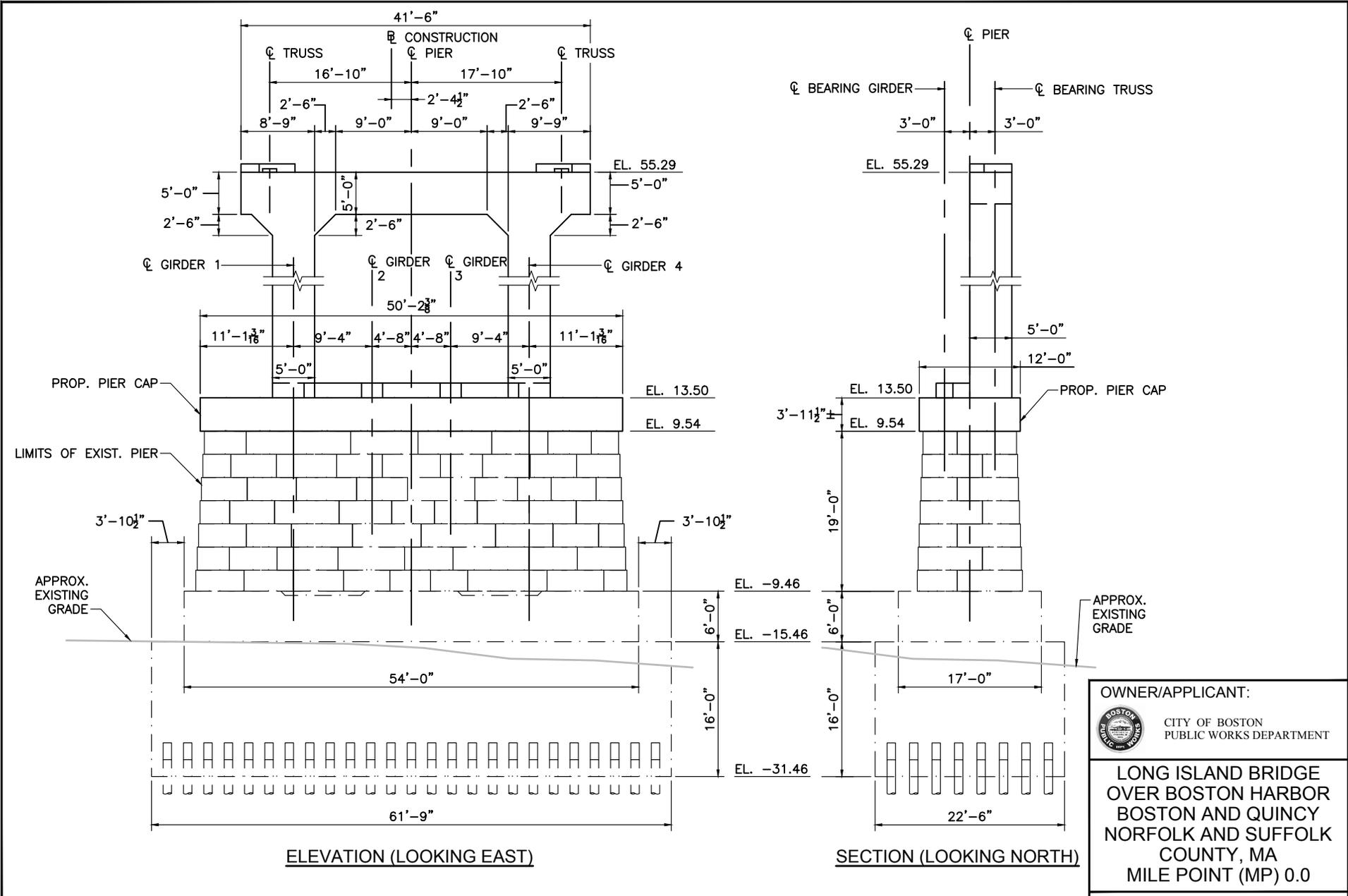
PLAN

BRIDGE PROTECTIVE SYSTEM

NOTES:

1. VIEWS SHOWN ARE NOT TO SCALE
2. ELEVATIONS REFERENCE NAVD 88 DATUM.
3. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

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SHEET: 6 OF 7	



ELEVATION (LOOKING EAST)

SECTION (LOOKING NORTH)

MAIN SPAN BOLSTER

- NOTES:**
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