



Commander
United States Coast Guard
First Coast Guard District

408 Atlantic Av.
Boston, MA 02110
Staff Symbol: (dpb)
Phone: 617-223-8364

August 31, 2022

LONG ISLAND BRIDGE, BOSTON HARBOR PUBLIC NOTICE

The Coast Guard has received an application from the City of Boston for a U.S. Coast Guard Bridge Permit for the replacement of the superstructure of the Long Island Bridge between Quincy, Massachusetts and Long Island which is in and owned by the City of Boston. Attached to this notice are the City of Boston's plans for the bridge which accompany the application (Enclosure 1). As the Lead Federal Agency, the Coast Guard is required to consider the adverse effects on historic properties in accordance with Section 106 of the National Historic Preservation Act.

Historic properties mean any prehistoric or historic district, site, building, structure or object included in, or eligible for inclusion in the National Register of Historic Places. The term includes artifacts, records, and remains that are related to and located within such properties. The term also includes properties of traditional religious and cultural importance to an Indian Tribe and that meet the National Register criteria.

Under 36 Code of Federal Regulations § 800.4(a)(1), the Coast Guard is to determine the area of potential effects (APE) for a project which may affect historic properties. The proposed APE on Long Island is an approximately 22,500 square-foot area at the western end of Long Island (Enclosure 2). The proposed APE includes the entire footprint of construction activities, the limits of grading, placement of compost filter tubes, and the excavation associated with installation of storm water treatment system. The proposed APE also includes the entire area for temporary access and staging of equipment and materials during construction. The Coast Guard has determined that the APE sufficiently describes the geographic area within which the undertaking may directly or indirectly affect historic properties.

The Coast Guard also finds that there are historic properties present. Specifically, the APE is located in the vicinity of an archaeological site, which is a contributing resource within the Boston Harbor Island Archaeological District listed on the National Register of Historic Places. As such, the project has the potential to have an adverse effect on historic properties within the APE.

Archaeological investigations of the APE were conducted in 2019 and 2021. The investigations found that cultural materials may be present beneath the area of the APE proposed for temporary access and staging of equipment and materials. Based on the results of this investigation, the Coast Guard is considering a finding in accordance with 33 Code of Federal Regulations

§800.5(b) that the City of Boston's proposed use of protective matting over previously undisturbed ground being used for equipment and material staging will avoid an adverse effect on cultural materials which may lay under the surface of the construction staging area.

Interested parties are requested to express their views, in writing, on the presence of historic properties and/or the adverse effects of the proposed bridge project on historic properties. Comments will be received for the record at the address above or by e-mail to D01-SG-BridgesD1PublicNotices through October 3, 2022.

This Public Notice is also available on the Coast Guard Navigation Center web site navcen.uscg.gov.

//D. A. Fisher//

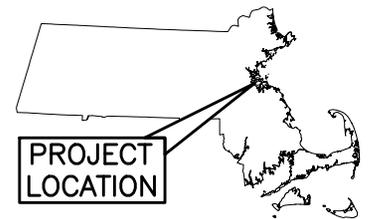
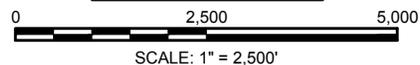
D.A. Fisher
Bridge Program Manager
First Coast Guard District
By Direction

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

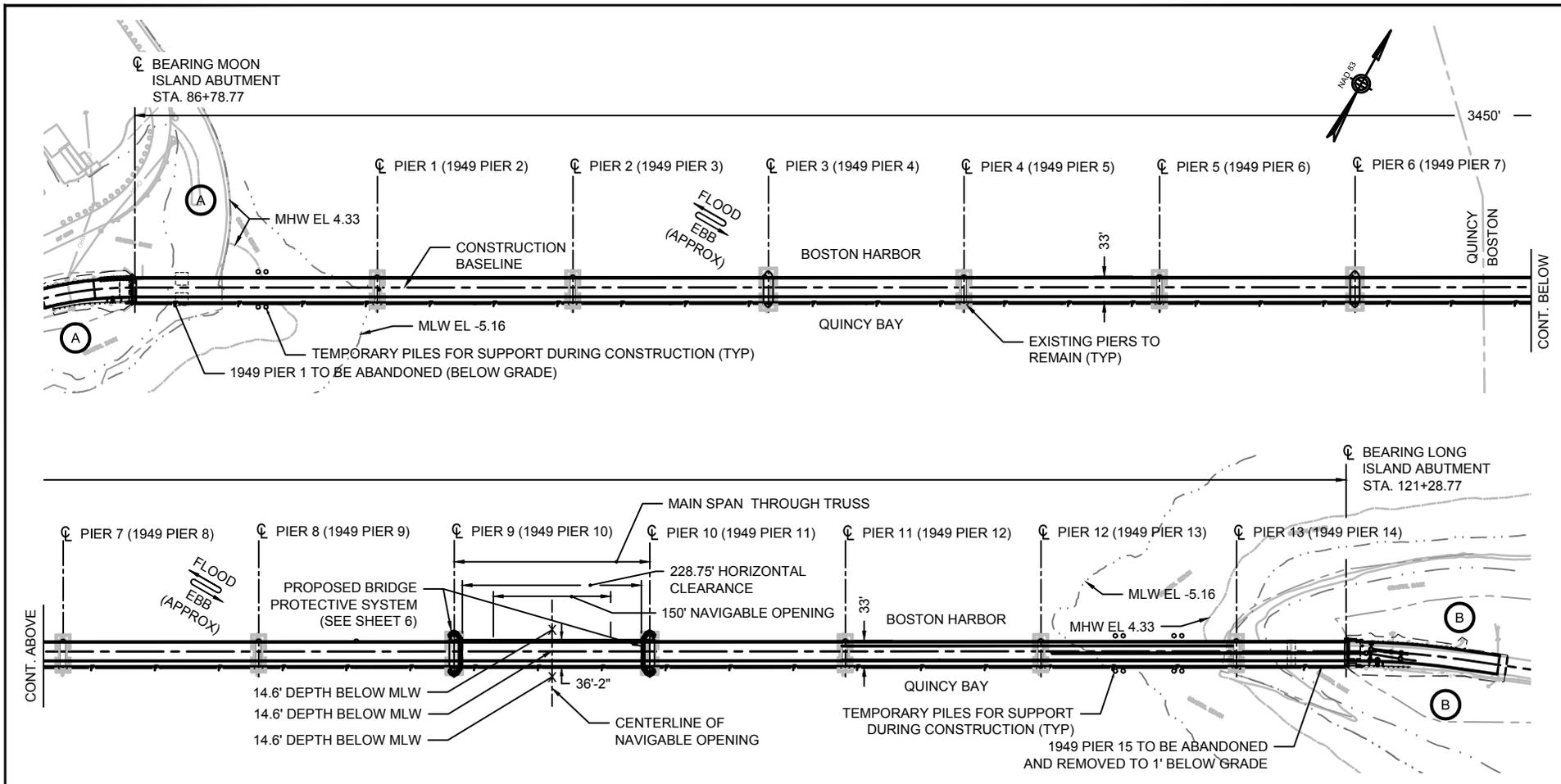
Encl: (1) Bridge Plans, June 17, 2021
(2) Area of Potential Effect Drawing



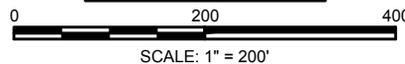
VICINITY MAP



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

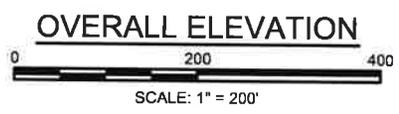
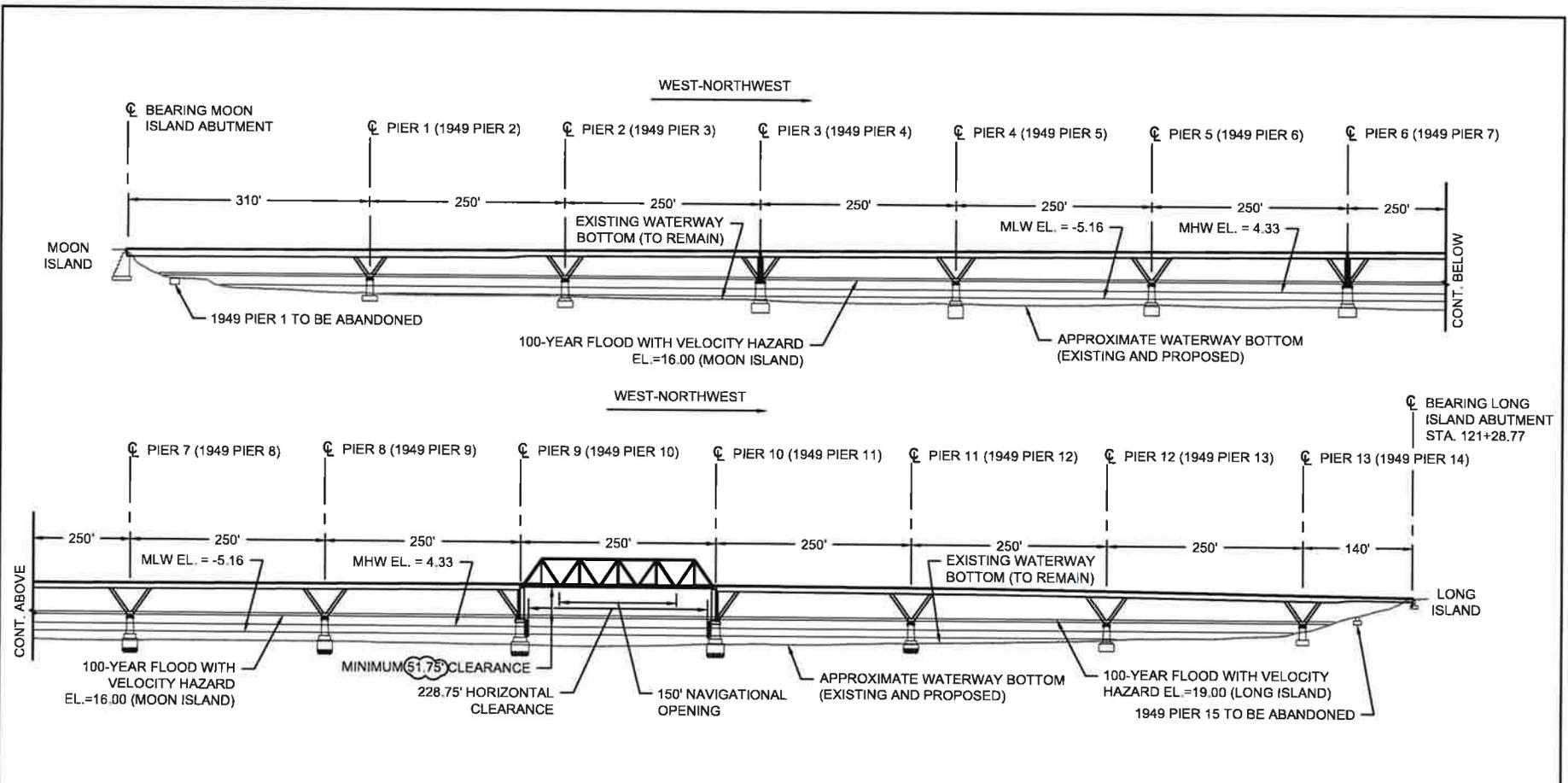
**LONG ISLAND BRIDGE
OVER BOSTON HARBOR
BOSTON AND QUINCY
NORFOLK AND SUFFOLK
COUNTY, MA
MILE POINT (MP) 0.0**

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

CONSULTANT: STV INC.

DATE: NOVEMBER 18, 2019

SHEET: 2 OF 7



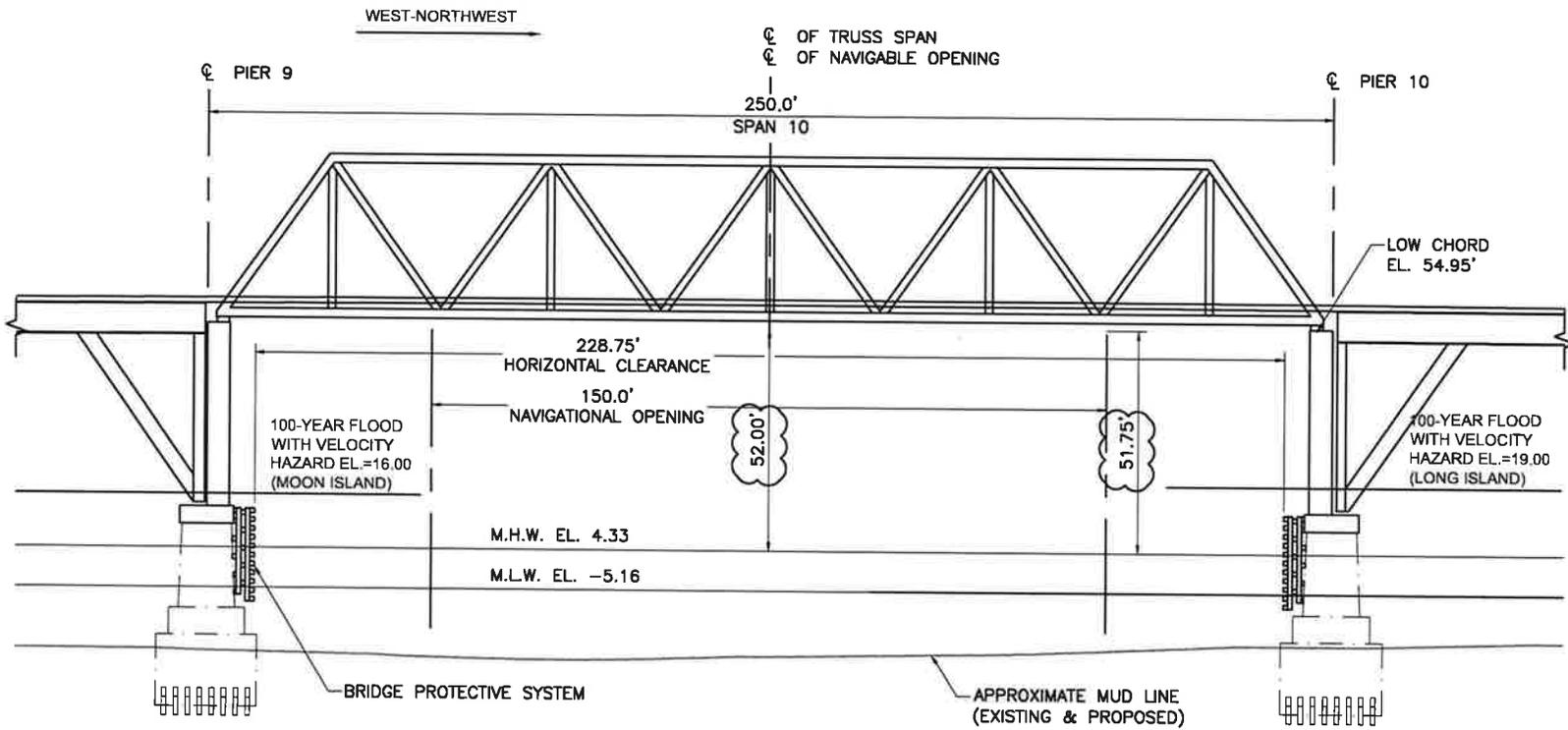
NOTES:

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.

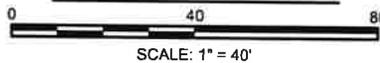


REVISED JUNE 17, 2021 TO INCREASE PROPOSED VERTICAL CLEARANCE

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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SHEET: 3 OF 7



TRUSS ELEVATION



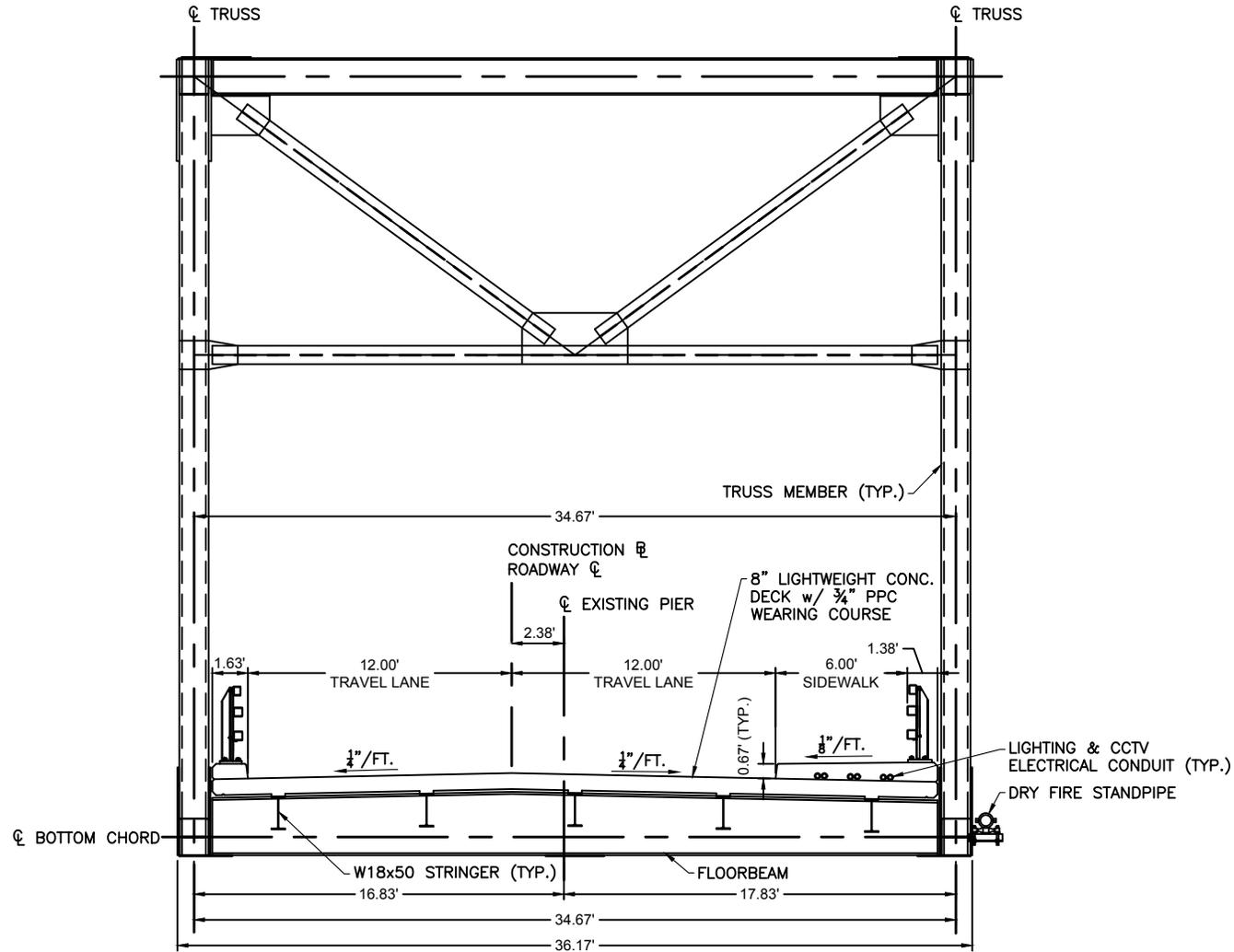
NOTES:

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.

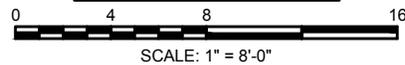


REVISED JUNE 17, 2021 TO INCREASE PROPOSED VERTICAL CLEARANCE

OWNER/APPLICANT:	
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BRIDGE NO. B-16-368 (91M)	
CONSULTANT: STV INC.	
DATE: NOVEMBER 18, 2019	
SHEET: 4 OF 7	



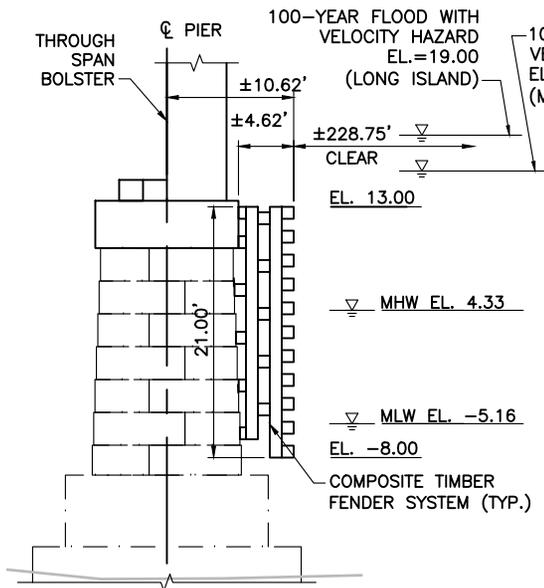
CROSS SECTION



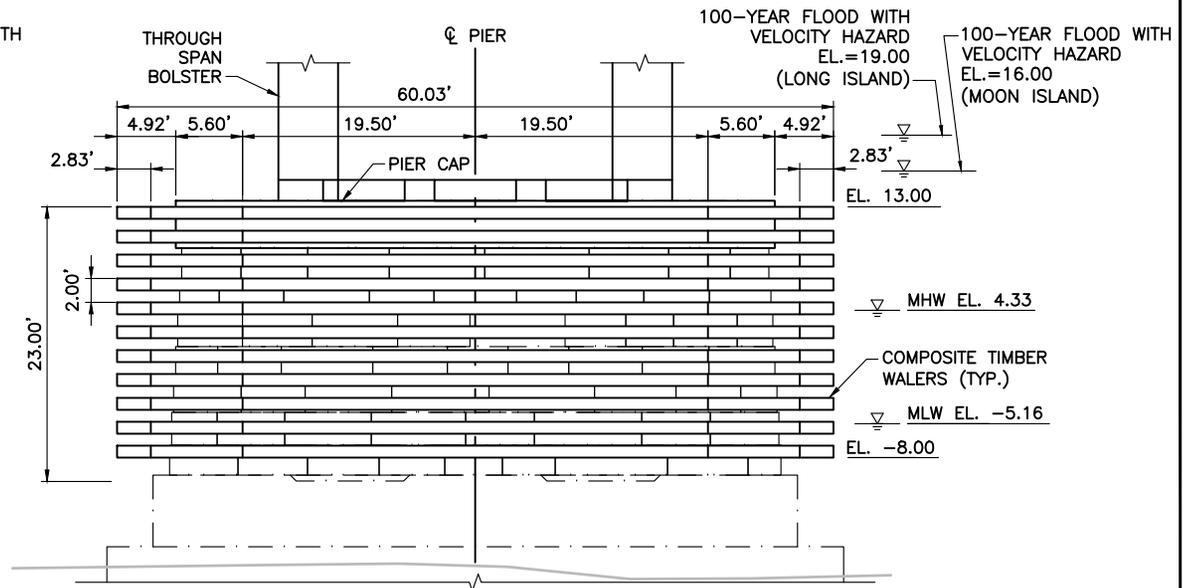
NOTES:

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

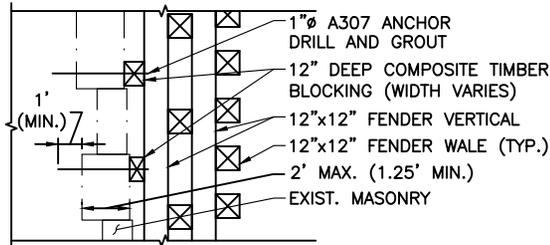
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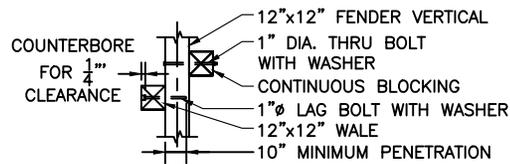
SECTION



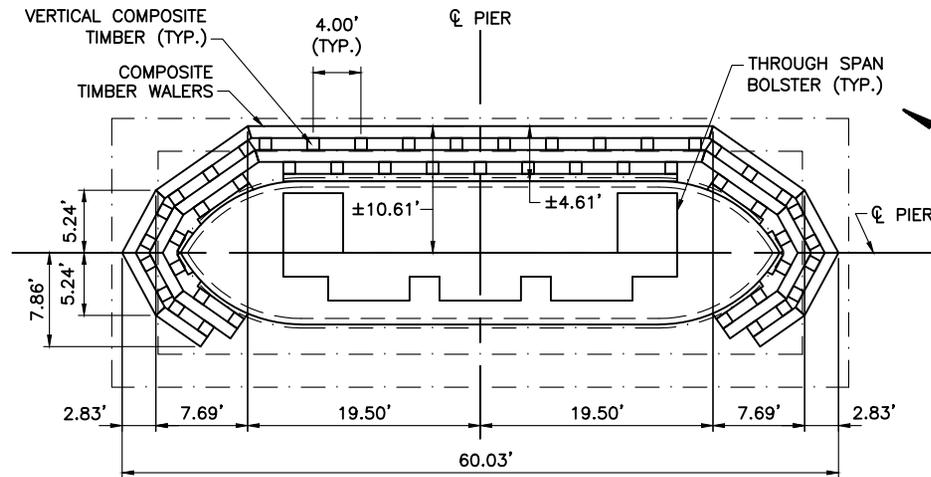
ELEVATION (LOOKING WEST)



FENDER ATTACHMENT TO PIER STEM



TYPICAL LAG BOLT INSTALLATION



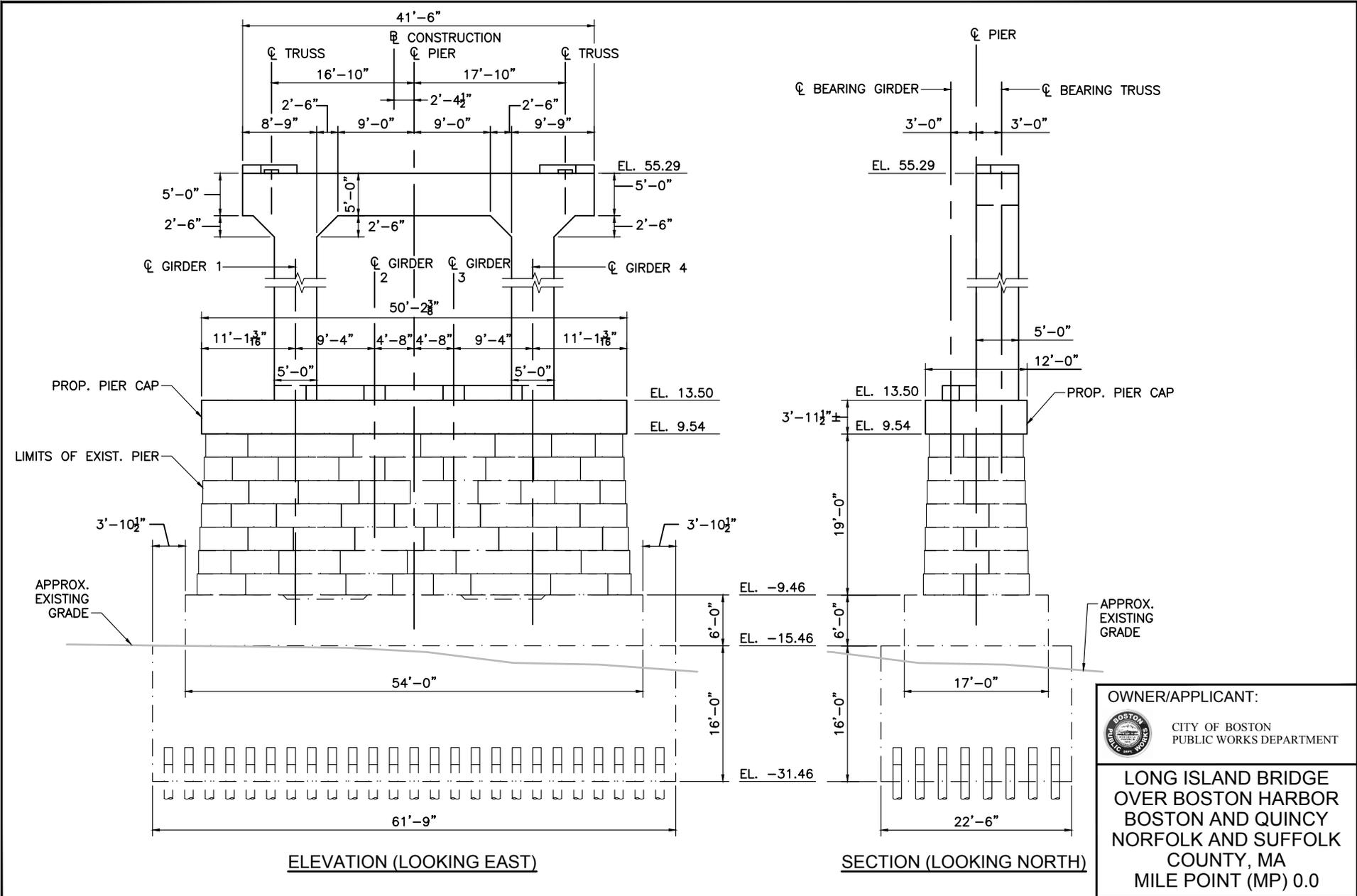
PLAN

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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