



Commander (dpb)  
United States Coast Guard  
First District

408 Atlantic Avenue  
Boston, MA 02110  
Phone: 617-833-1311

June 25, 2024

## PUBLIC NOTICE 1-204-24

All interested parties are herein notified that the Commander, First Coast Guard District, has received application materials from the City of Boston for approval of location and plans for the superstructure replacement of a roadway bridge over a navigable waterway of the United States.

**BRIDGE, WATERWAY AND LOCATION:** Long Island Bridge over Boston Harbor (Western Way), Mile 0.0, between the City of Quincy, Norfolk County, and the City of Boston, Suffolk County, Massachusetts.

**CHARACTER OF WORK:** Replace the superstructure, which was removed in 2015, to provide roadway access from Moon Island in the City of Quincy to Long Island in the City of Boston.

### MINIMUM NAVIGATIONAL CLEARANCES:

The City of Boston has proposed the clearances described in the table below. These clearances are an increase in vertical clearance and maintain the existing horizontal clearance.

	<b>Original Superstructure</b>	<b>Proposed Superstructure</b>
<b>Vertical</b>	<b>51.0 feet above Mean High Water</b>	<b>51.75 feet above Mean High Water</b>
<b>Horizontal</b>	<b>150 foot navigation opening 250 feet between piers</b>	<b>150 foot navigation opening 228.75 feet between fenders</b>

Datum Proposed: NAVD88

On June 15, 2023, following a Public Notice specific to the proposed clearances, the Coast Guard provided the City of Boston a Preliminary Navigation Clearance Determination stating that the proposed clearances would not unreasonably obstruct the free navigation of the waters over which the bridge is constructed. This preliminary determination did not constitute a final approval or final agency determination.

### ENVIRONMENTAL CONSIDERATIONS:

The Coast Guard, as the lead Federal agency, has made a tentative determination that the project warrants a categorical exclusion for the purposes of the National Environmental Policy Act (NEPA).

On April 21, 2023, the Massachusetts State Historic Preservation Officer concurred with Coast Guard’s proposed finding of no adverse effect in accordance with Section 106 of the National

Historic Preservation Act due to the modifications and conditions placed on the project by the City of Boston. The modifications and conditions include the use of protective matting in the construction staging area and the completion of a Post-Review Discoveries Plan.

The temporary and permanent impacts resulting from the project will not exceed the 5000 square foot threshold that requires a Water Quality Certification. (314 Code of Massachusetts Regulations 9.03(1)(a)). The Massachusetts Department of Environmental Protection has confirmed that a Section 401 Water Quality Certificate is not required. The project does not involve the placement of fill or dredging in wetlands. No wetland will be permanently impacted by this project.

The bridge is located in the floodplain. The 100-year flood elevation is 16 feet at Moon Island and 19 feet at Long Island, while elevation of the low member of the navigation span is 56.1 feet. Elevations are referenced to NAVD88 datum.

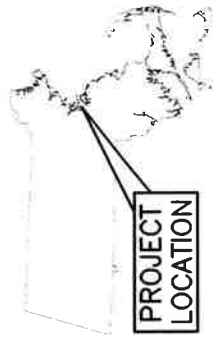
### **SOLICITATION OF COMMENTS:**

Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting.

Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible environmental impacts to include impacts on minority and/or low-income populations, if any, giving sufficient detail to establish a clear understanding of the reasons for support of, or opposition to, the proposed work. Comments will be received for the record at the address noted in the header or via email [SMB-D1Boston-Bridges-PublicNotices@uscg.mil](mailto:SMB-D1Boston-Bridges-PublicNotices@uscg.mil) through **July 31, 2024**.

Map of location and plans attached.

D.A. FISHER  
Bridge Administrator  
By direction of the Commander,  
First Coast Guard District



**PROJECT LOCATION**



OWNER/APPLICANT:

CITY OF BOSTON  
PUBLIC WORKS DEPARTMENT

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

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

CONSULTANT: STV INC.

DATE: MAY 20, 2024

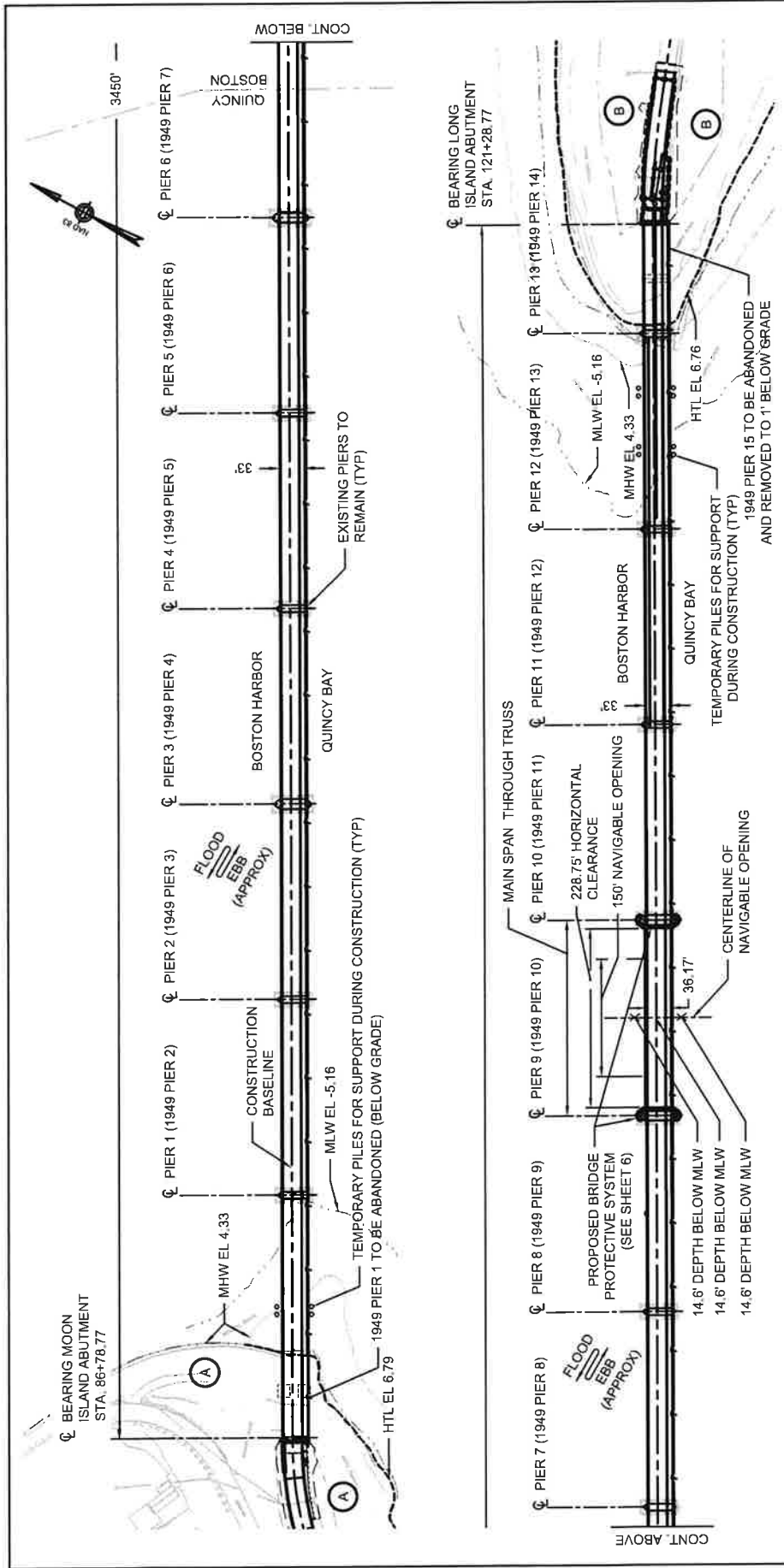
SHEET: 1 OF 6



**VICINITY MAP**



SCALE: 1" = 2,500'



**OWNER/APPLICANT:**  
 CITY OF BOSTON  
 PUBLIC WORKS DEPARTMENT

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

BRIDGE NO. B-16-368 (91M)  
 CONSULTANT: STV INC.  
 DATE: MAY 20, 2024  
 SHEET: 2 OF 6



**OVERALL PLAN**

0 200 400  
 SCALE: 1" = 200'

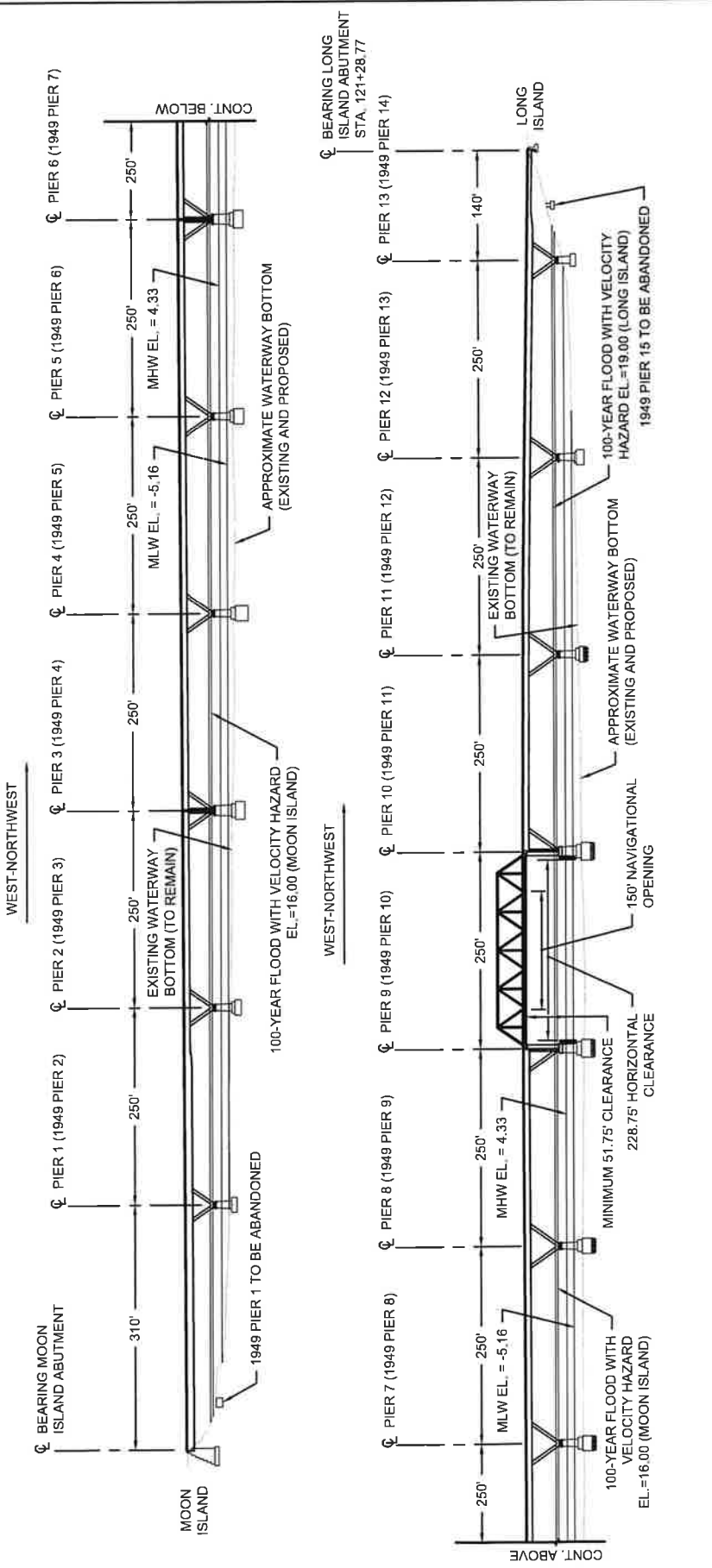
**PROPERTY OWNERS**

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

**NOTES:**

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



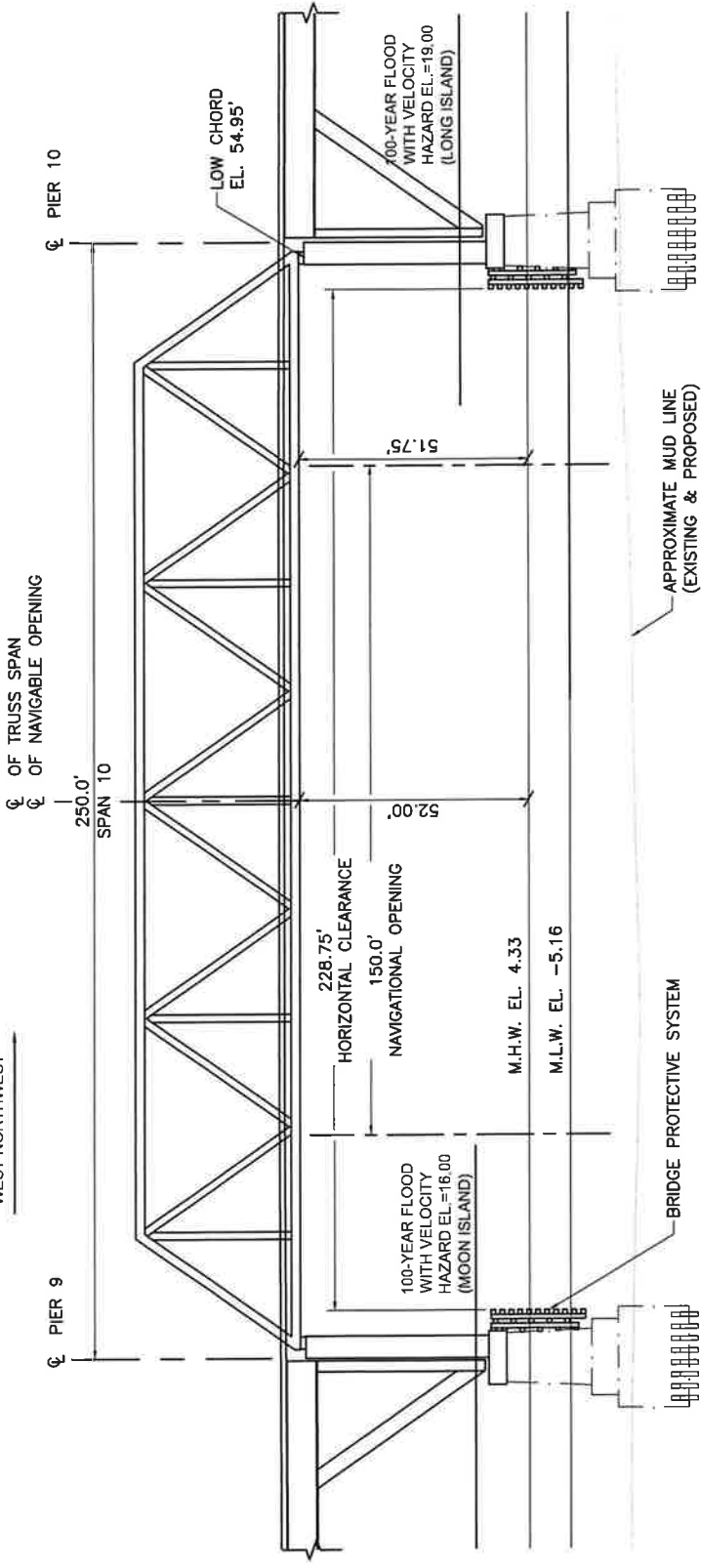


OWNER/APPLICANT:	CITY OF BOSTON PUBLIC WORKS DEPARTMENT
	LONG ISLAND BRIDGE OVER BOSTON HARBOR (WESTERN WAY) BOSTON AND QUINCY NORFOLK AND SUFFOLK COUNTY, MA MILE POINT (MP) 0.0
	BRIDGE NO. B-16-368 (91M)
	CONSULTANT: STV INC.
	DATE: MAY 20, 2024
	SHEET: 3 OF 6



- NOTES:
- ELEVATIONS REFERENCE NAVD 88 DATUM. BRIDGE PERMIT APPROVED IN 1980 REFERENCED BOSTON CITY BASE. SUBTRACT 16.46 TO CONVERT (EL. 18.00' BCB = EL. 1.54' NAVD88).
  - CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
  - 51.75' MINIMUM VERTICAL CLEARANCE PROVIDED FOR 150' NAVIGABLE OPENING.
  - NO RIPRAP OR FILL PROPOSED BELOW MHW.

WEST-NORTHWEST



TRUSS ELEVATION



- NOTES:
1. ELEVATIONS REFERENCE NAVD 88 DATUM.
  2. 51.75' 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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PUBLIC WORKS DEPARTMENT

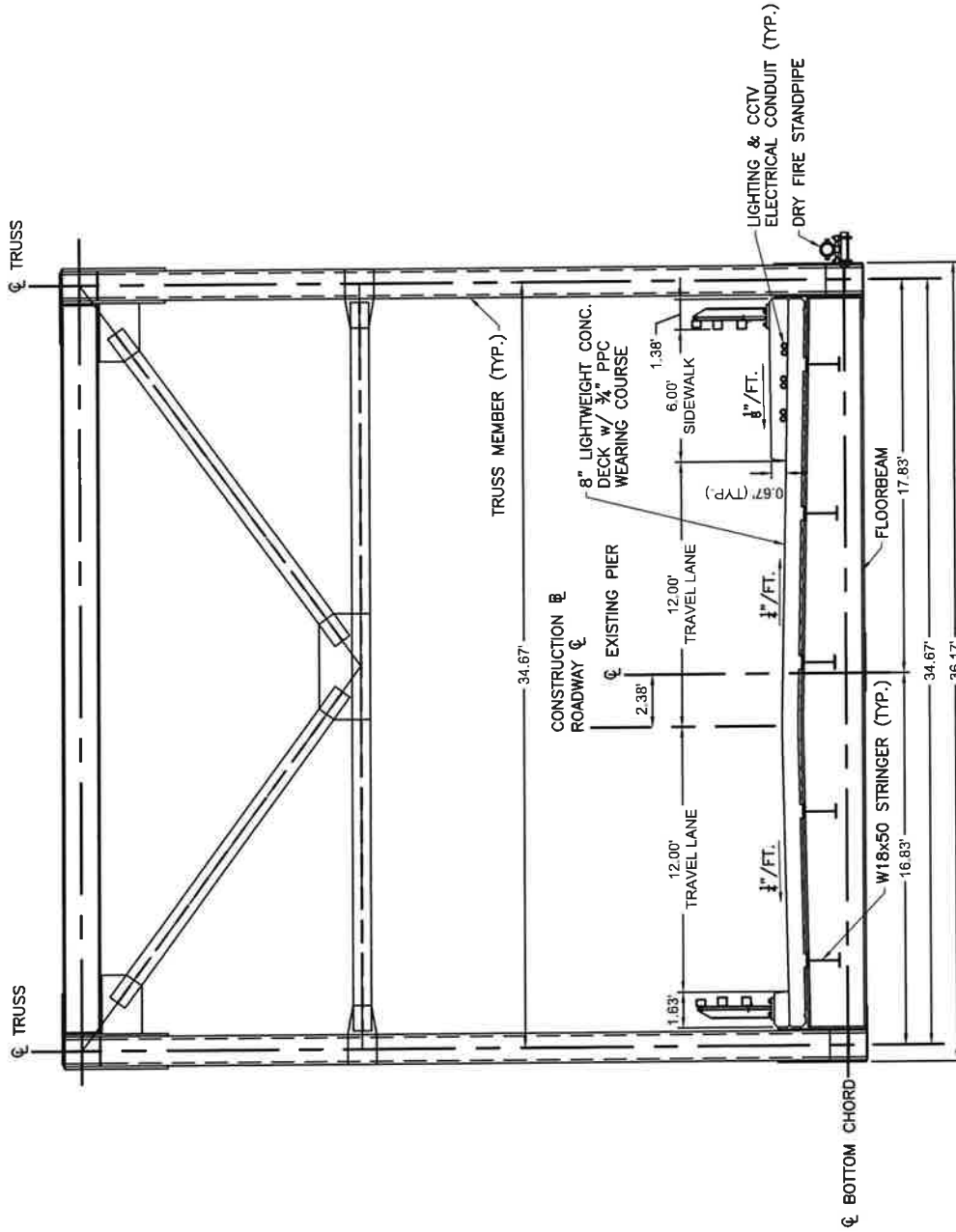
LONG ISLAND BRIDGE  
OVER BOSTON HARBOR  
(WESTERN WAY)  
BOSTON AND QUINCY  
NORFOLK AND SUFFOLK  
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MILE POINT (MP) 0.0

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SHEET: 4 OF 6



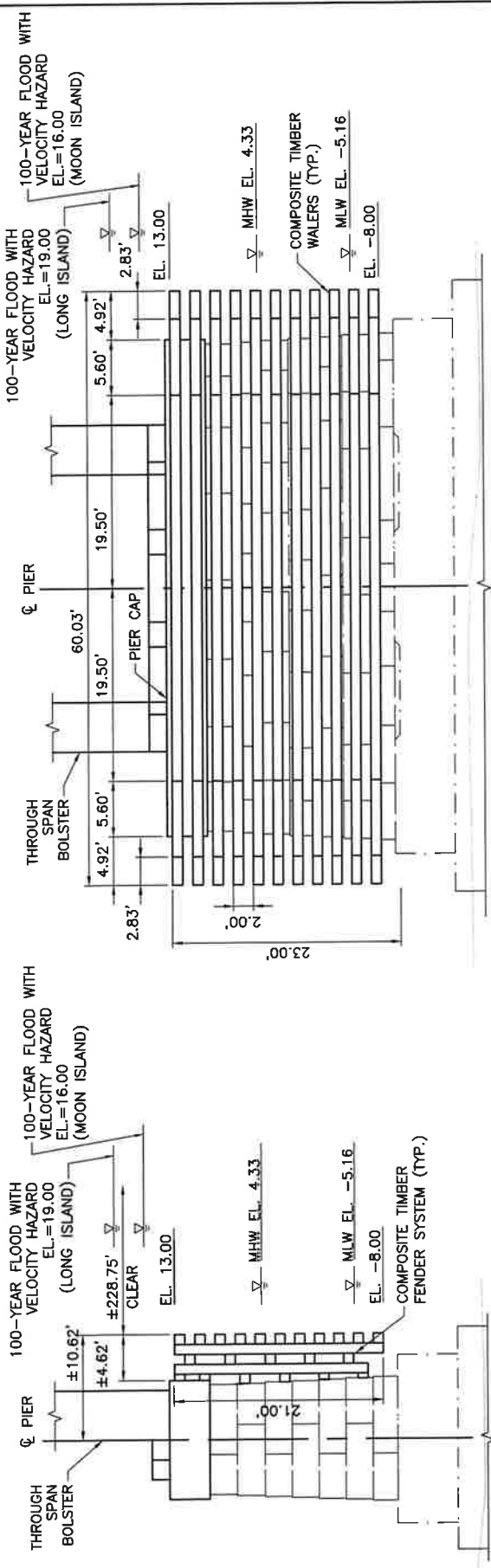
**CROSS SECTION**



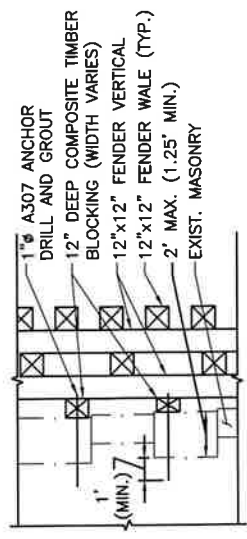
**NOTES:**

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

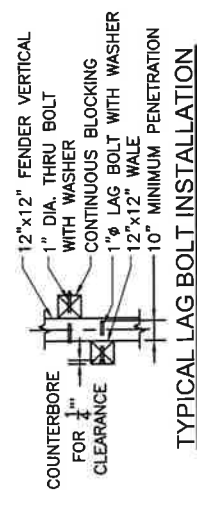
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**ELEVATION (LOOKING WEST)**



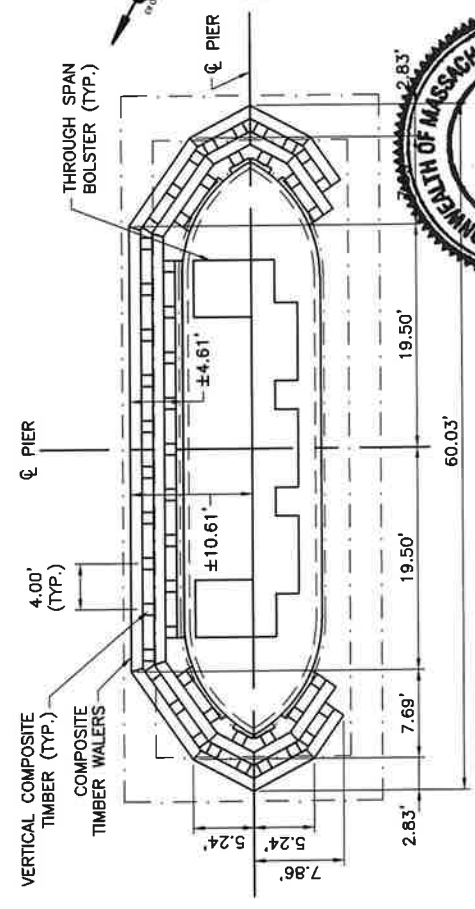
**FENDER ATTACHMENT TO PIER STEM**



**TYPICAL LAG BOLT INSTALLATION**

**NOTES:**

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



**PLAN**

**BRIDGE PROTECTIVE SYSTEM**

	OWNER/APPLICANT:
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*John M. Ennis*  
*5.20.24*