



Commander (dpb)
First Coast Guard District
1 South Street
Battery Park Building
New York, NY 10004-1466

February 8, 2013

PUBLIC NOTICE 1-120

Subject: PROPOSED REPLACEMENT OF THE BRIDGE STREET BRIDGE
ACROSS THE MITCHELL RIVER AT CHATHAM, BARNSTABLE
COUNTY, MASSACHUSETTS.

All interested parties are notified that the Commander, First Coast Guard District, has received an application from the Massachusetts Department of Transportation (MassDOT) for approval of the location and plans for replacement of a movable highway bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: - Mitchell River, approximately 0.2 miles above the mouth of the waterway.

CHARACTER OF WORK: The character of the work is to replace the existing structurally deficient movable bridge. The proposed single-leaf bascule bridge would be constructed on its existing alignment and have six spans supported on concrete-filled steel pipe piles. The roadway deck would include a timber wearing surface with planks oriented diagonally to the centerline. The proposed bridge would measure approximately 195 feet between abutments and 42 feet wide, out-to-out. A new fender system is included in the proposal. The new bridge would accommodate two 11-foot traffic lanes, two 2-foot shoulders, two 5-foot sidewalks and include timber railings. A total of approximately 406 feet of roadway approach work would be required. Construction is anticipated to begin in fall 2014 and last approximately 24-28 months. The bridge will be closed to all vehicular traffic throughout the demolition and construction periods. During the roadway closure, traffic would be detoured approximately 3 miles via Stage Harbor Road and Main Street.

MINIMUM NAVIGATIONAL CLEARANCES:

	Existing	Proposed
Horizontal: (normal to axis of the channel)	19 feet	25 feet
Vertical: (above MHW)	Open: unlimited Closed: 7.2 feet	Open: unlimited Closed: 7.15 feet

ENVIRONMENTAL CONSIDERATION:

The Federal Highway Administration (FHWA) is the lead federal agency for satisfying the requirements of The National Environmental Policy Act (NEPA). FHWA and MassDOT prepared an environmental assessment which was circulated for review.

The project is considered an encroachment, but not a significant encroachment on the 100-year floodplain and will be comparable to existing conditions. The 100-year flood elevation is at +9.2 feet (NAVD88).

There are sub-tidal wetlands in the project vicinity. There would be permanent and temporary impacts to salt marsh of 30 and 850 sq. ft., respectively, due to placement of rip-rap and fill material for slope and scour protection. There would be approximately 310 cubic yards of sediment removal for installation of piers and abutment construction. The project would have permanent and temporary impacts to Land under Water of approximately 2385 and 17, 500 square feet, respectively due to removal of existing pier piles, replacing rip-rap and installation of new piers.

A Water Quality Certificate (WQC) from the Massachusetts Department of Environmental Protection (MDEP) in accordance with Section 401 of the Clean Water Act, as amended, certifying that reasonable assurance that the action is conducted in compliance with water quality standards of the Commonwealth of Massachusetts has been applied for.

The applicant has certified that the proposed project is consistent with the Massachusetts Coastal Zone Management Plan. The Massachusetts Office of Coastal Zone Management has not yet concurred with this certification.

The project is listed on the Massachusetts State Transportation Improvement Program (2013-2016 TIP) for the area and was therefore exempt from preparation of the formal Transportation Conformity Determination under the Clean Air Act of 1990, as amended. The proposed bridge would have the same future traffic volumes and roadway capacity as the existing bridge. Air emissions from anticipated construction equipment will be

investigated and emissions commensurate with good housekeeping construction methodologies will be required to mitigate temporary impacts.

The proposed project will have an adverse effect on the existing Mitchell River Bridge, a resource eligible for listing in the National Register of Historic Places. The FHWA, as lead federal agency, the Advisory Council on Historic Preservation and the Massachusetts State Historic Preservation Office have executed a Memorandum of Agreement to implement mitigation measures for this undertaking. MassDOT and the Town of Chatham also signed this MOA as invited signatories.

FHWA, the applicant and their consultants have initiated the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Consultation with the National Marine Fisheries Service (NMFS) has begun regarding protection of habitat resources. The final determination relative to project impacts and the need for mitigation measures will result from this coordination with the NMFS.

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 decision as to whether to grant approval of the location and plans for the proposed action rests primarily on the effect it has on navigation. We will forward comments of an environmental nature such as those regarding wildlife refuges, water fowl refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, etc. to the Federal Highway Administration for appropriate handling.

SOLICITATION OF COMMENTS:

Mariners are requested to comment on navigational safety issues, including the need for clearance gauges and navigational lighting. Boat owners in the project vicinity are requested to provide information about their vessels including type of vessel, length overall, draft, beam, and height from the waterline to the highest fixed point and to appurtenant structures (e.g. tuna towers, flying bridges, fixed antennas and radar units).

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 at the office of the Commander (dpc), First Coast Guard District, Battery Park Building, 1 South Street, New York, NY 10004-1466 through March 11, 2013.

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

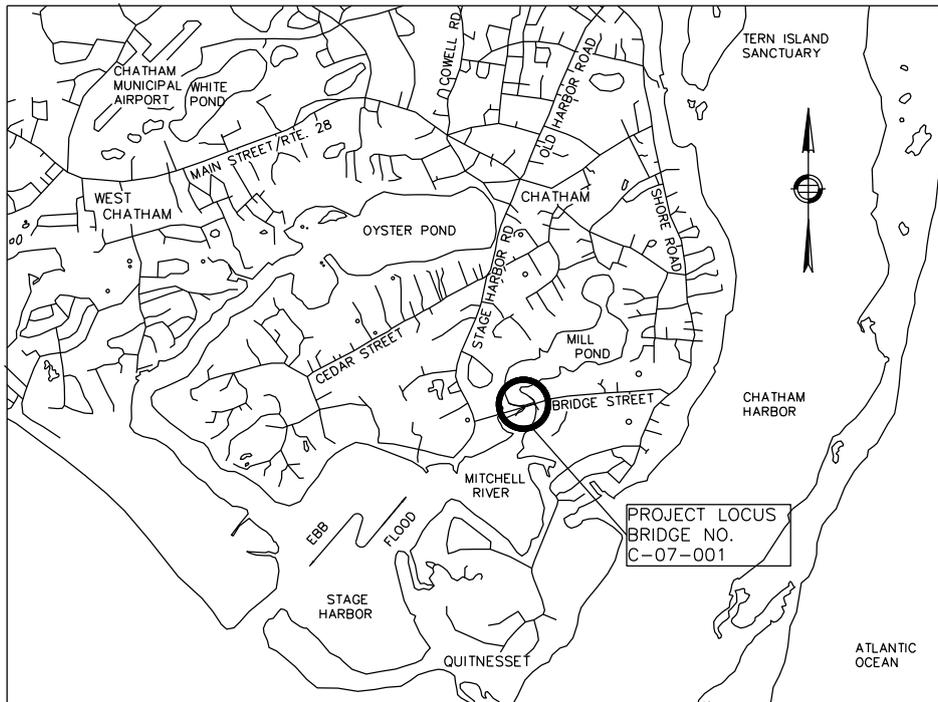
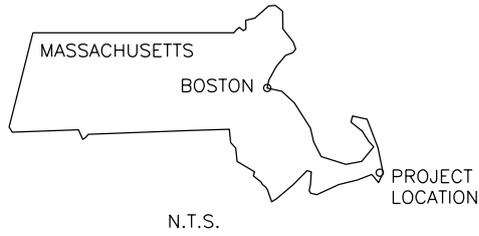
Plans of the proposed project are included in this public notice.

FOR THE DISTRICT COMMANDER:

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Gary Kassof
Bridge Program Manager
First Coast Guard District
By direction of the District Commander

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

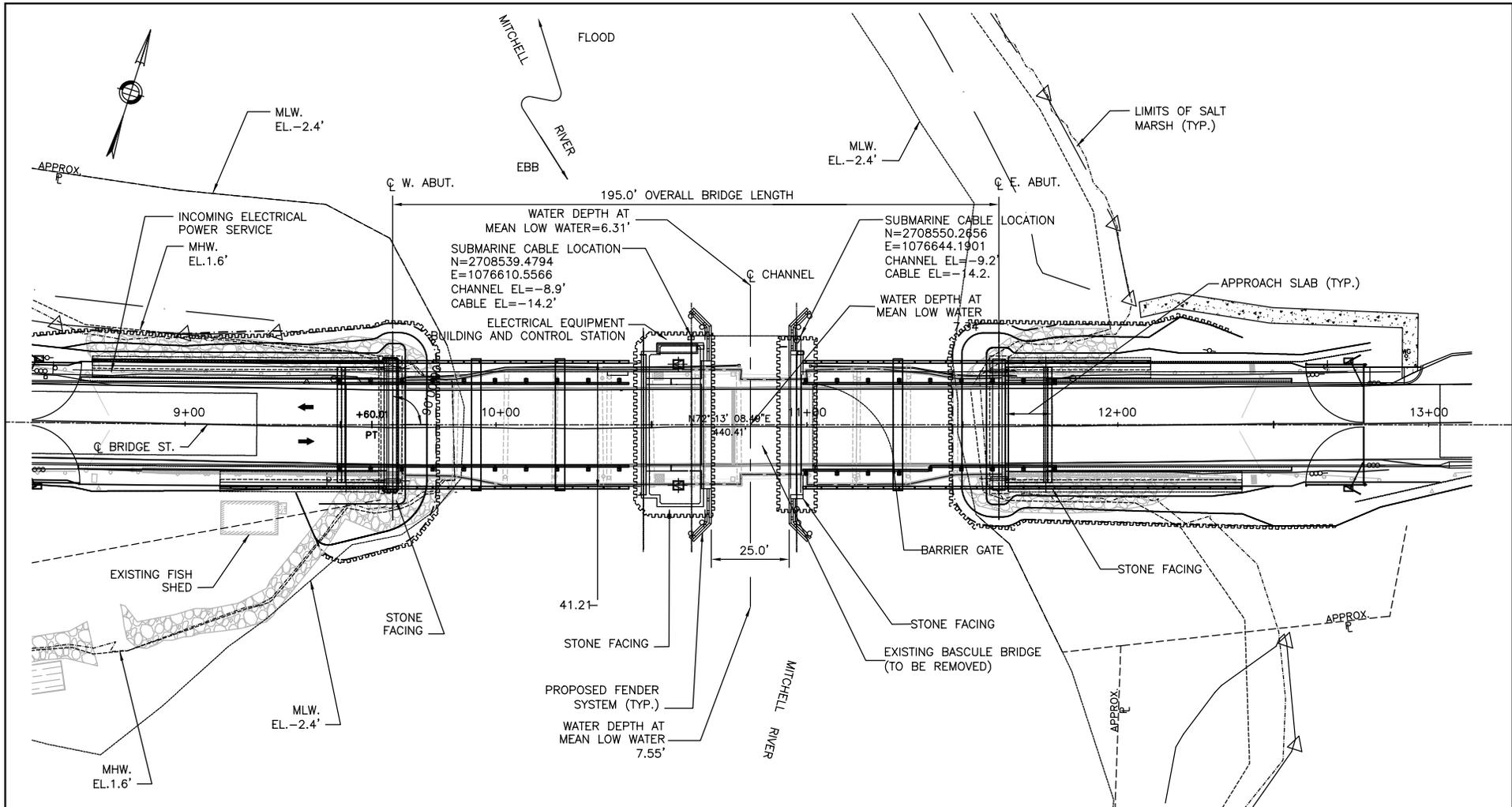


LOCUS PLAN

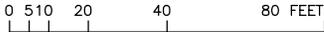


NOTE: THE PROPOSED BRIDGE REPLACES AN EXISTING BRIDGE THAT IS A NATIONAL REGISTER OF HISTORIC PLACES (NRHP) ELIGIBLE HISTORIC RESOURCE.

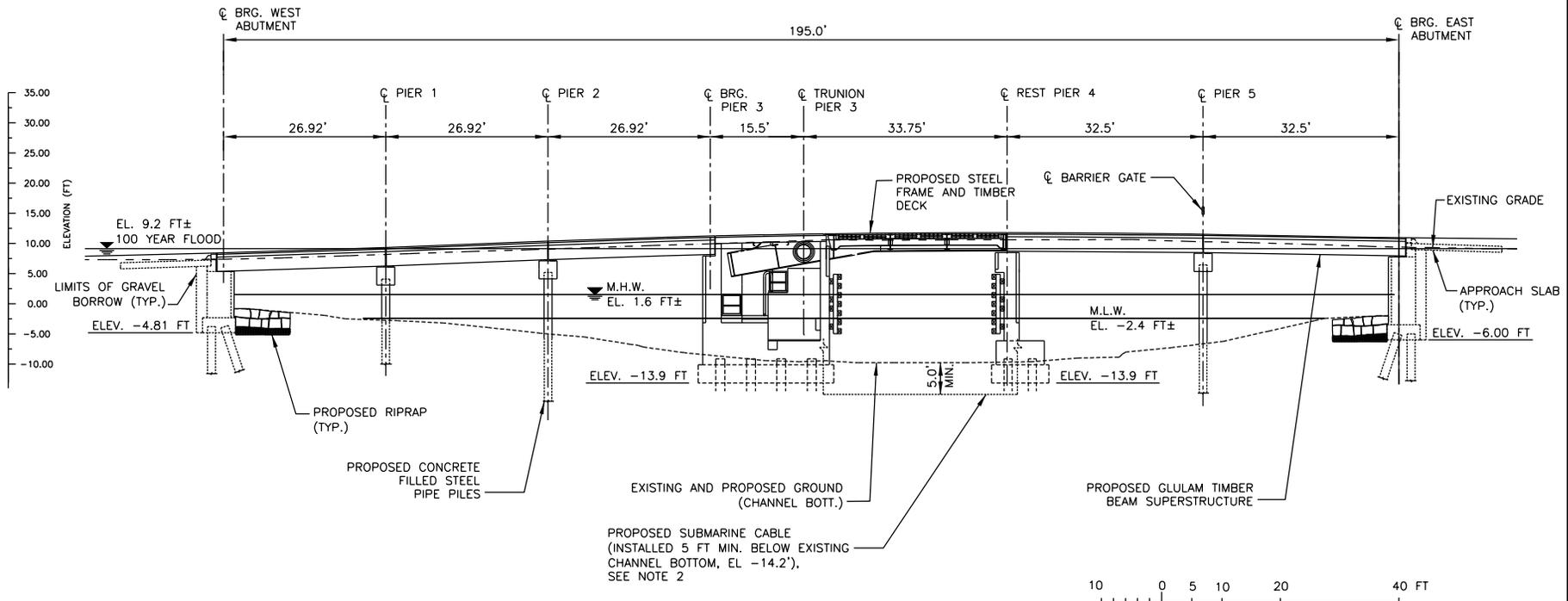
<i>SHEET 1 OF 6</i>
<i>DECEMBER 2012</i>
<i>VICINITY MAP</i>
<i>APPLICANT: MASSDOT</i>
<i>OWNER: TOWN OF CHATHAM, MA</i>
<i>BRIDGE STREET BRIDGE OVER</i>
<i>MITCHELL RIVER, MP 0.2</i>
<i>CHATHAM, BARNSTABLE COUNTY, MA</i>
<i>BRIDGE NO. C-07-001</i>



- NOTES:
1. CLOSE BRIDGE TO VEHICULAR TRAFFIC AND REMOVE EXISTING SUPERSTRUCTURE AND ALL 11 BENTS
 2. TEMP. LUW IMPACT 10,491 SF
 3. PERM. LUW IMPACT 1,819 SF
 4. DATUM: NAVD 1988
 5. ALL PILES LOCATED WITHIN THE NAVIGABLE CHANNEL SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR



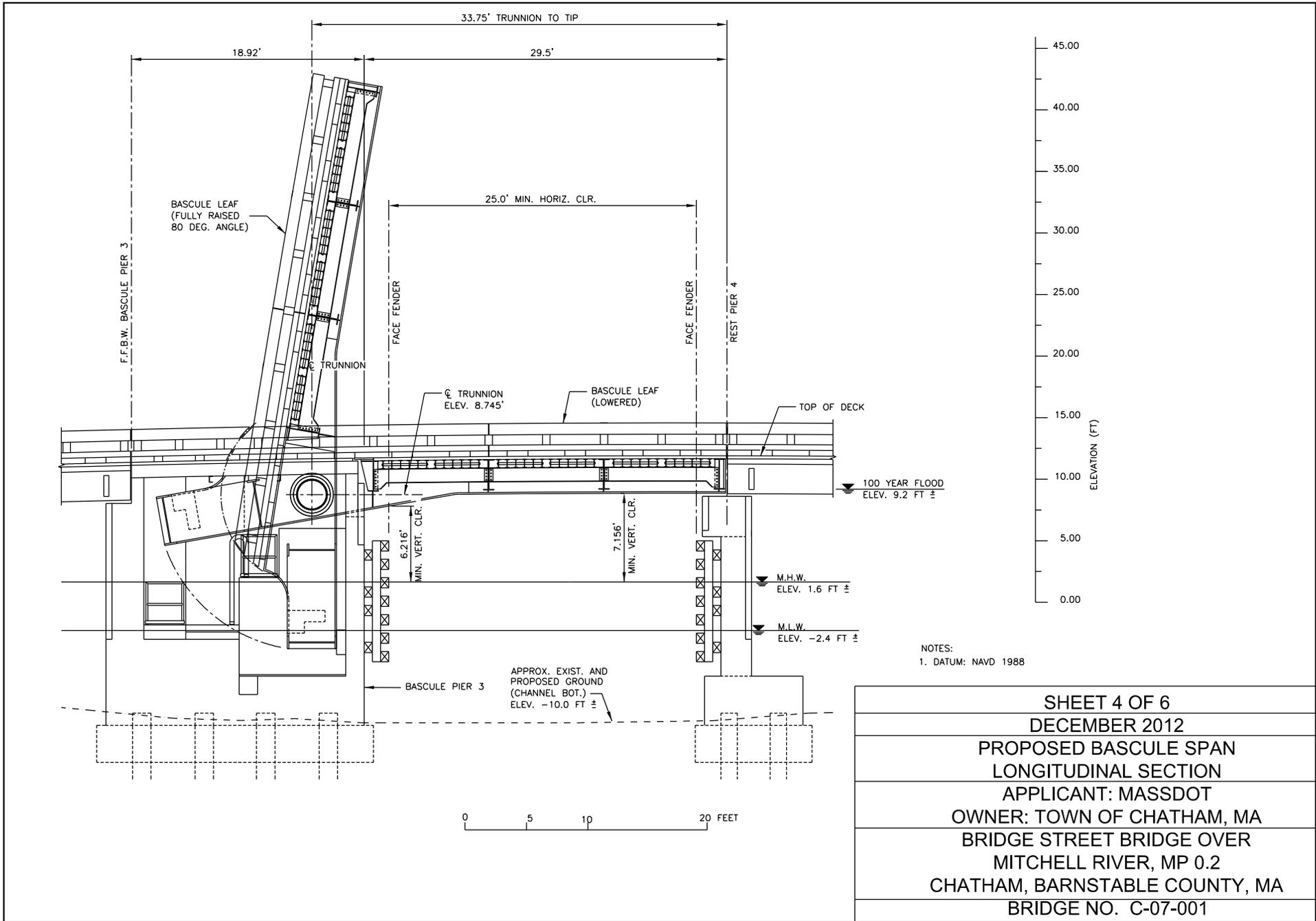
SHEET 2 OF 6
DECEMBER 2012
PLAN VIEW
APPLICANT: MASSDOT
OWNER: TOWN OF CHATHAM, MA
BRIDGE STREET BRIDGE OVER
MITCHELL RIVER, MP 0.2
CHATHAM, BARNSTABLE COUNTY, MA
BRIDGE NO. C-07-001



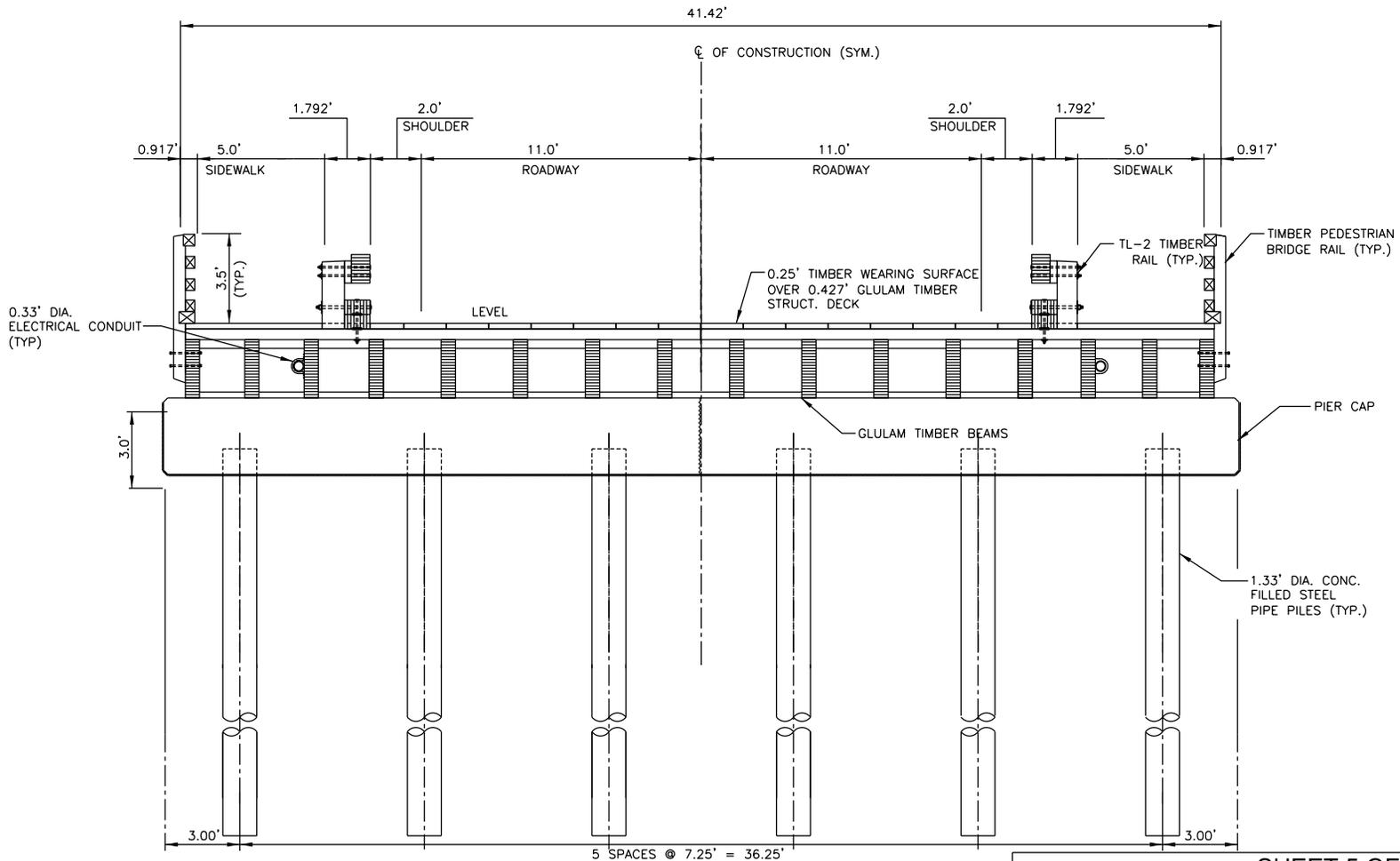
PROPOSED SUBMARINE CABLE
(INSTALLED 5 FT MIN. BELOW EXISTING
CHANNEL BOTTOM, EL. -14.2'),
SEE NOTE 2

- NOTE:
1. DATUM: NAVD 1988
 2. SUBMARINE COORDINATES ARE
FROM N=2708539.4794
E=1076610.5566
TO N=2708550.2656
E=1076644.1901

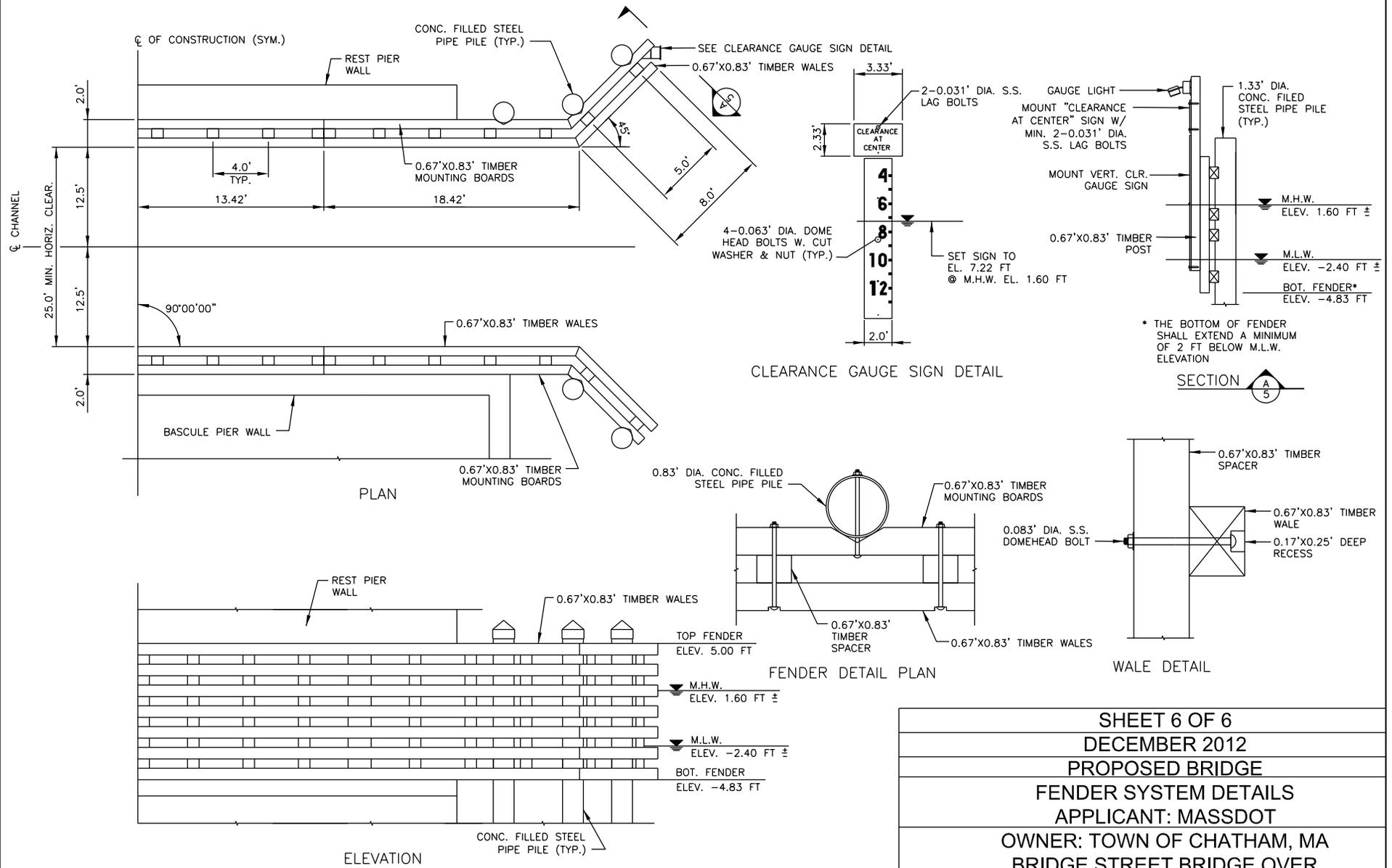
SHEET 3 OF 6
DECEMBER 2012
ELEVATION VIEW
APPLICANT: MASSDOT
OWNER: TOWN OF CHATHAM, MA
BRIDGE STREET BRIDGE OVER MITCHELL RIVER, MP 0.2
CHATHAM, BARNSTABLE COUNTY, MA
BRIDGE NO. C-07-001



SHEET 4 OF 6
DECEMBER 2012
PROPOSED BASCULE SPAN
LONGITUDINAL SECTION
APPLICANT: MASSDOT
OWNER: TOWN OF CHATHAM, MA
BRIDGE STREET BRIDGE OVER
MITCHELL RIVER, MP 0.2
CHATHAM, BARNSTABLE COUNTY, MA
BRIDGE NO. C-07-001



SHEET 5 OF 6
DECEMBER 2012
PROPOSED BRIDGE CROSS SECTION APPROACH SPAN
APPLICANT: MASSDOT
OWNER: TOWN OF CHATHAM, MA
BRIDGE STREET BRIDGE OVER MITCHELLRIVER, MP 0.2
CHATHAM, BARNSTABLE COUNTY, MA
BRIDGE NO. C-07-001



SHEET 6 OF 6
DECEMBER 2012
PROPOSED BRIDGE
FENDER SYSTEM DETAILS
APPLICANT: MASSDOT
OWNER: TOWN OF CHATHAM, MA
BRIDGE STREET BRIDGE OVER
MITCHELL RIVER, MP 0.2
CHATHAM, BARNSTABLE COUNTY, MA
BRIDGE NO. C-07-001