



BC  
might want  
to be in  
comment

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

JUN 07 2010

## PUBLIC NOTICE 1-091

**Subject: PROPOSED REPLACEMENT OF THE CITY ISLAND ROAD BRIDGE AND CONSTRUCTION OF A TEMPORARY BRIDGE ACROSS EASTCHESTER BAY AT THE BRONX, NEW YORK**

All interested parties are notified that the Commander, First Coast Guard District, has received an application from the New York City Department of Transportation for approval of the location and plans for replacement of the City Island Road Bridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** - Eastchester Bay, approximately 2.2 miles (3.54km) above the mouth of the waterway.

**CHARACTER OF WORK:** Replacement of the existing, deteriorating seven span steel girder and truss highway bridge with a cable-stayed bridge on the same alignment. The proposed bridge will measure 606.95 ft. (185.00m) between abutments with an out-to-out width of 68.4 ft. (20.84m) consisting of two 11.81 ft. (3.60m) travel lanes, one 11.81 ft. (3.60m) central fire lane, two 6.31 ft. (1.92m) sidewalks and two 5.90 ft. (1.79m) bicycle lanes. The bridge will feature a single tower on the west end (located in Pelham Bay Park) to which the bridge cable support system will be attached. The minimum vertical clearance under the low steel will be 14.73 ft. (4.49m) at mean high water (MHW) and have a single navigable channel with an effective horizontal clearance of 164 ft. (49.98m). The existing bridge will be removed to a minimum of 2 ft. (0.61m) below the mud line.

A permanent movable traveler measuring 73.48 ft. (22.40m) in length and 15.75 ft. (4.80m) wide, to be used for maintenance, will be suspended from the proposed bridge. When in use over the channel the traveler will reduce the vertical clearance beneath the proposed bridge by 5.83 ft. (1.77m). When not in use, the traveler will be stowed at the east abutment located outside the channel.

A fixed, 15-span, temporary bridge approximately 1,148 ft. (349.91m) in length between temporary abutments will be constructed adjacent to and south of the existing bridge to carry traffic during construction of the new replacement bridge. The temporary bridge will measure approximately 46 ft. (14.02m) wide and carry two travel lanes measuring 10.83 ft. (3.300m) each, one central fire lane 9.84 ft. (3.00m) and two sidewalks measuring 5.58 ft. (1.70m) each. The horizontal clearance in each of two navigable channels will be 76.5 ft. (23.31m) with a

minimum vertical clearance of 12.66 ft. (3.85m) above MHW. The temporary bridge will be removed in its entirety upon completion of the new replacement structure.

**MINIMUM NAVIGATIONAL CLEARANCES:**

	<u>Existing</u>	<u>Proposed</u>	<u>Temporary</u>
Horizontal: (normal to axis of the channel)	50.41 ft. (15.36m)	164 ft. (49.98m)	76.5 ft. (23.31m)
Vertical: (above MHW)	12.9 ft. (3.93m)	14.73 ft. (4.49m)	12.66 ft. (3.85m)

**ENVIRONMENTAL CONSIDERATION:**

The applicant has submitted environmental documentation which is available for review. The Federal Highway Administration (FHWA) is the lead federal agency for this project and has tentatively classified the project as a Categorical Exclusion with Documentation under regulations implementing the National Environment Policy Act (NEPA). The Coast Guard has tentatively classified this action as a Finding of No Significant Impact (FONSI) since the project involves removal of an historic bridge.

The project is considered an encroachment, but not a significant encroachment on the 100-year floodplain. The proposed bridge deck will clear the 100-year flood elevation of 16.93 ft. (5.16m).

There are tidal wetlands in the project vicinity. Permanent loss of 1,902 meters<sup>2</sup> (0.47 acres) of salt marsh and 2,387 m<sup>2</sup> (0.701acre) temporary disturbance of adjacent wetlands will occur. Mitigation proposed is creation of 14,973 m<sup>2</sup> (3.70 acres) of new wetland. Both the Army Corps of Engineers and New York State Department of Environmental Conservation (NYSDEC) have issued authorizations regarding wetland takings and mitigation.

A Water Quality Certification from NYSDEC in accordance with Section 401 of the Clean Water Act, as amended, certifying that reasonable assurance has been furnished that the proposed project will be conducted in compliance with water quality standards of the State of New York was issued on 30 October 2009.

The applicant has certified that the proposed project is consistent with the New York State Coastal Zone Management Plan. By letter dated 20 November 2008 the New York State Department of State concurred with this consistency certification.

The existing City Island Bridge is eligible for listing in the National Register of Historic Places. The New York State Historic Preservation Office (NYSHPO) has determined that the proposed action will adversely affect the historic structure. The FHWA and NYSHPO will execute a Memorandum of Agreement to mitigate the adverse impacts on the register-eligible structure pursuant to Section 106 of the National Historic Preservation Act of 1966.

The Borough of the Bronx is classified as a moderate non-attainment area for ozone (8 hour) and a maintenance area for Carbon Monoxide (CO). The FHWA as lead federal agency is responsible for ensuring that the proposed action satisfies the Transportation Conformity Rule

pursuant to the Clean Air Act as amended in 1990. Air emissions from anticipated construction equipment will be investigated and emissions commensurate with "green" construction methodologies will be required. The City of New York's Standard Construction Contract specifications requires the use of "green" construction technology and methodologies.

The project vicinity has been designated as an Essential Fish Habitat (EFH) for several species including but not limited to winter flounder, windowpane flounder, bluefish, Atlantic mackerel, summer flounder, scup, black sea bass and sand tiger shark. An EFH Evaluation has been prepared by the applicant. The Evaluation concludes that the proposed action will not result in any long term impact upon the EFH-identified species and any impacts will be local in nature. The EFH Evaluation will be forwarded to the National Marine Fisheries Service (NMFS) for review. The final determination relative to project impacts and the need for mitigation measures will be determined by 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 upon its effect on the quality of the human environment and on navigation. Other pertinent factors, such as information concerning wildlife refuges, waterfowl refuges, public parks, historic sites, etc. will also be made part of the record and forwarded to the FHWA for consideration. All factors will be considered in determining if it would be in the best public interest to grant approval of the proposed action.

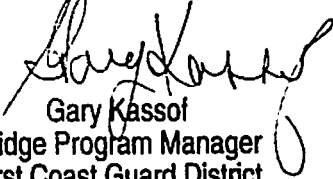
**SOLICITATION OF COMMENTS:**

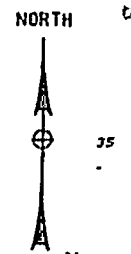
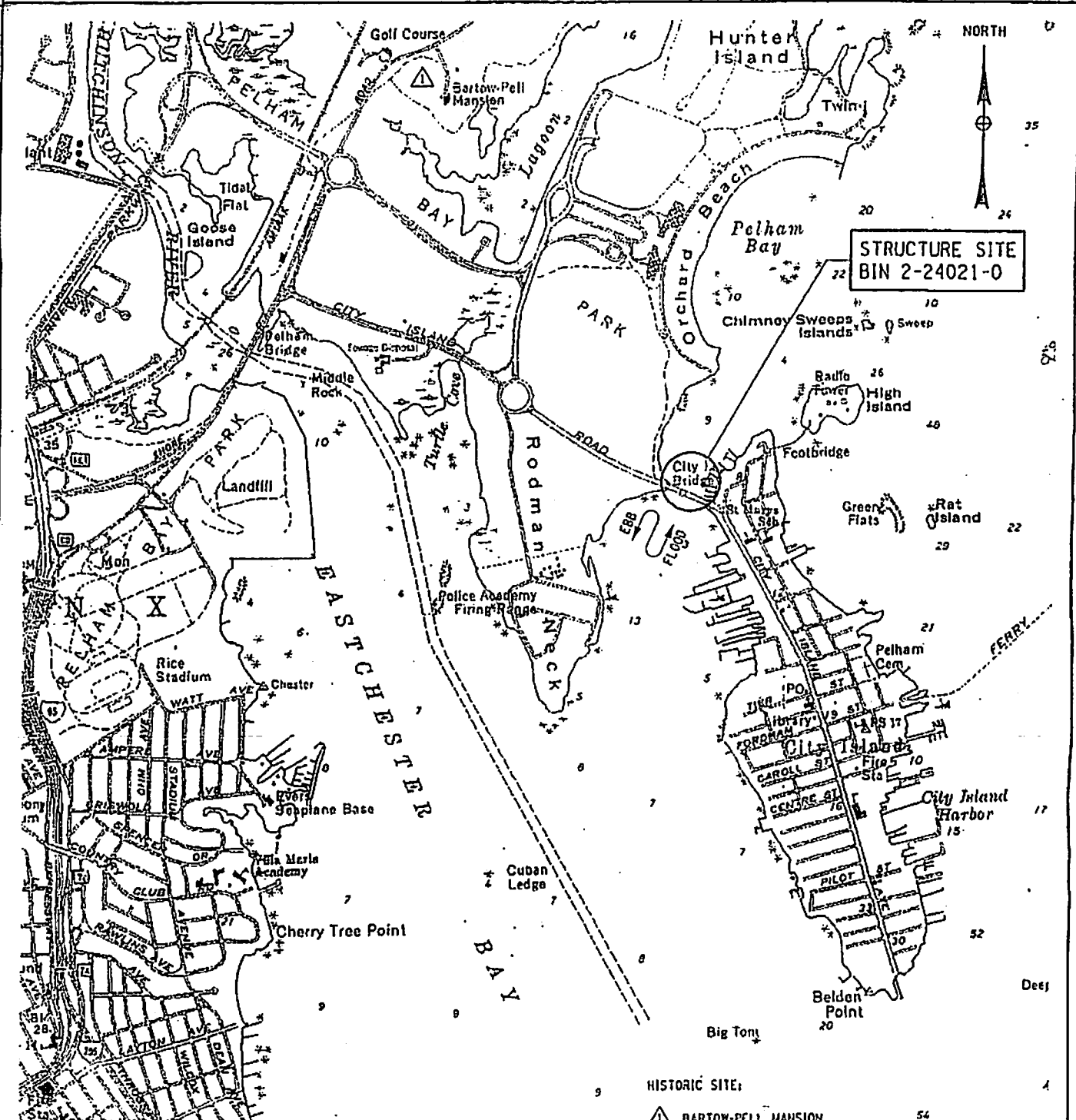
Mariners are requested to comment on the construction of the temporary and replacement bridges and other navigational safety issues, including the need for clearance gauges and extent of nighttime navigation passing the bridge. Boat owners in the project vicinity are requested to provide information 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 (c.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 (dpb), First Coast Guard District, 1 South Street, Battery Park Building New York, NY 10004-1466 through JUL 07 2010 2010.

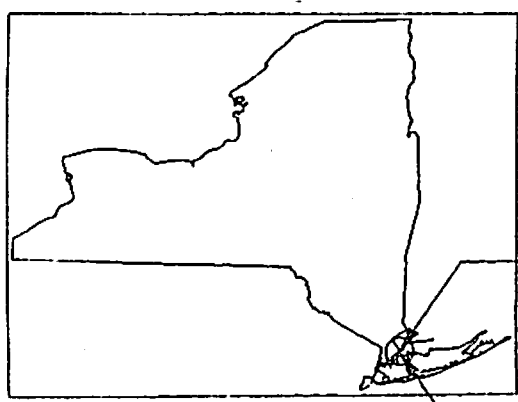
It is requested that this information be brought to the attention of any person having an interest in this action who may not have received a copy of this public notice.

Plans of the proposed project are included in this public notice.  
FOR THE DISTRICT COMMANDER:

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

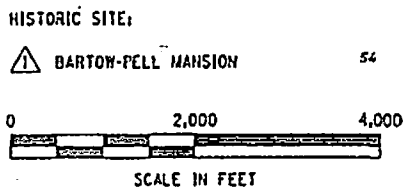


STRUCTURE SITE  
BIN 2-24021-0

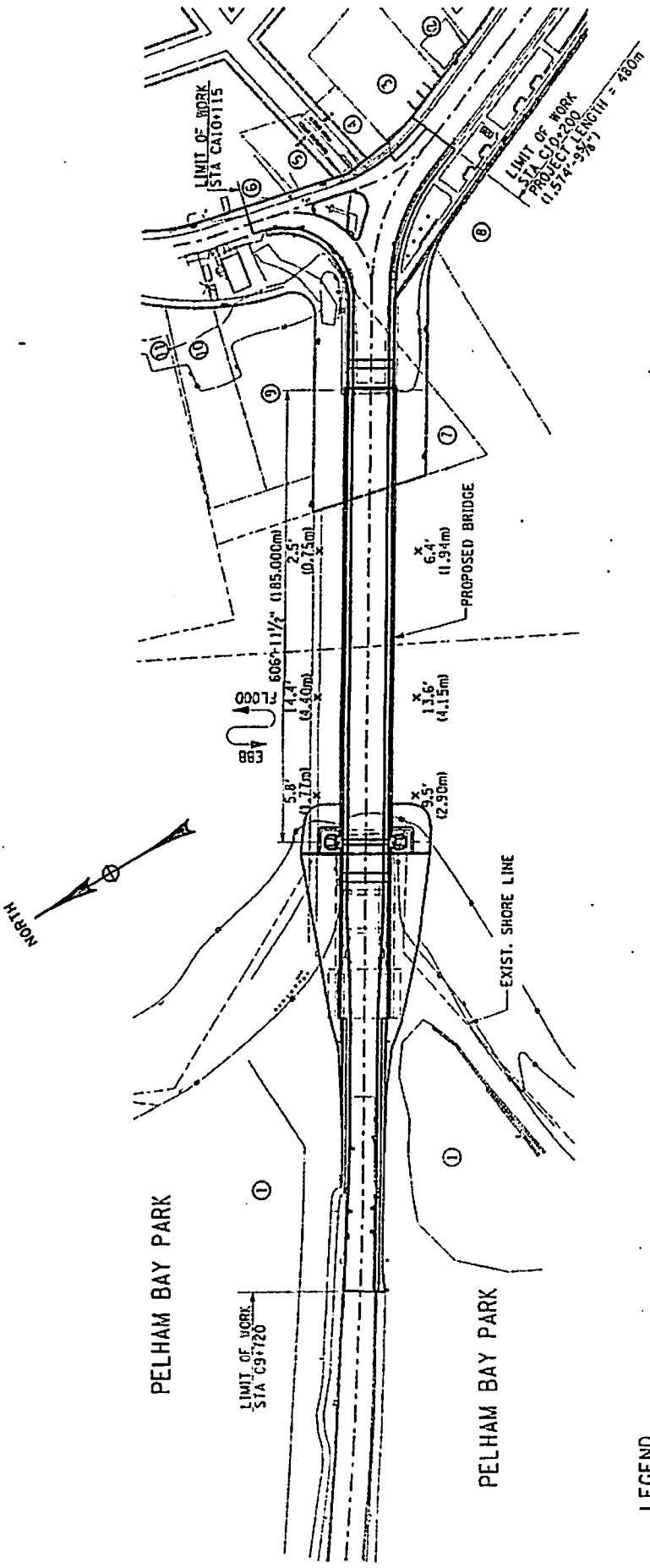


PROJECT LOCATION

NEW YORK



LOCAL MAP	
REPLACEMENT OF CITY ISLAND ROAD BRIDGE OVER EASTCHESTER BAY, M.P. 2.2 (3.54 km) BOROUGH OF THE BRONX, BRONX COUNTY STATE OF NEW YORK	
CITY OF NEW YORK DEPARTMENT OF TRANSPORTATION	
SHEET 1 OF 7	DATE: DEC., 2008



PELHAM BAY PARK

PELHAM BAY PARK

**LEGEND**

x SPOT SOUNDING

**NOTES**

1. DATUM: MAD 88
2. SOUNDINGS SHOWN ARE APPROXIMATE DEPTHS WITH RESPECT TO MEAN LOW WATER (MLW).



SCALE IN METERS



SCALE IN FEET

**PARCEL OWNERS**

- ① NYC PARKS & RECREATION
- ② PORT OF KALL REALTY LTD.
- ③ CHIAZZESE GROUP LLC
- ④ BRENNEN PARTERSHIP LTD.
- ⑤ LLM ASSOCIATES LLC
- ⑥ LLM ASSOCIATES LLC
- ⑦ NYC-DGS
- ⑧ J.C. PROPERTIES INC.
- ⑨ J. PERSTEINS
- ⑩ BRIDGE BOAT SALES LTD.
- ⑪ F. CIOLLI

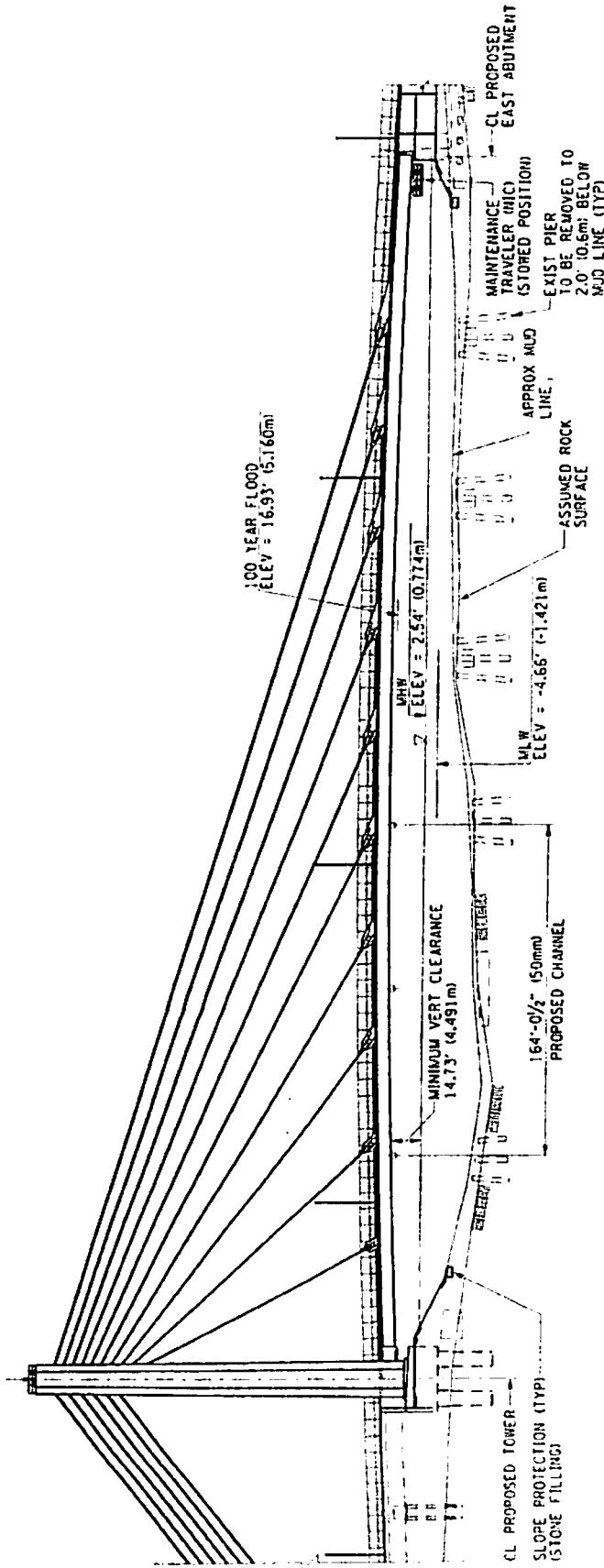
**KEY PLAN - PROPOSED BRIDGE**

REPLACEMENT OF CITY ISLAND ROAD BRIDGE OVER EASTCHESTER BAY, M.P. 2.2 (3.54 km) BOROUGH OF THE BRONX, BRONX COUNTY STATE OF NEW YORK

CITY OF NEW YORK DEPARTMENT OF TRANSPORTATION

SHEET 2 OF 7

DATE: APRIL, 2010



**NOTES**

1. DATUM: MAD 88
2. 100 YEAR FLOOD ELEV = 16.93' (5.160m).



SCALE IN METERS



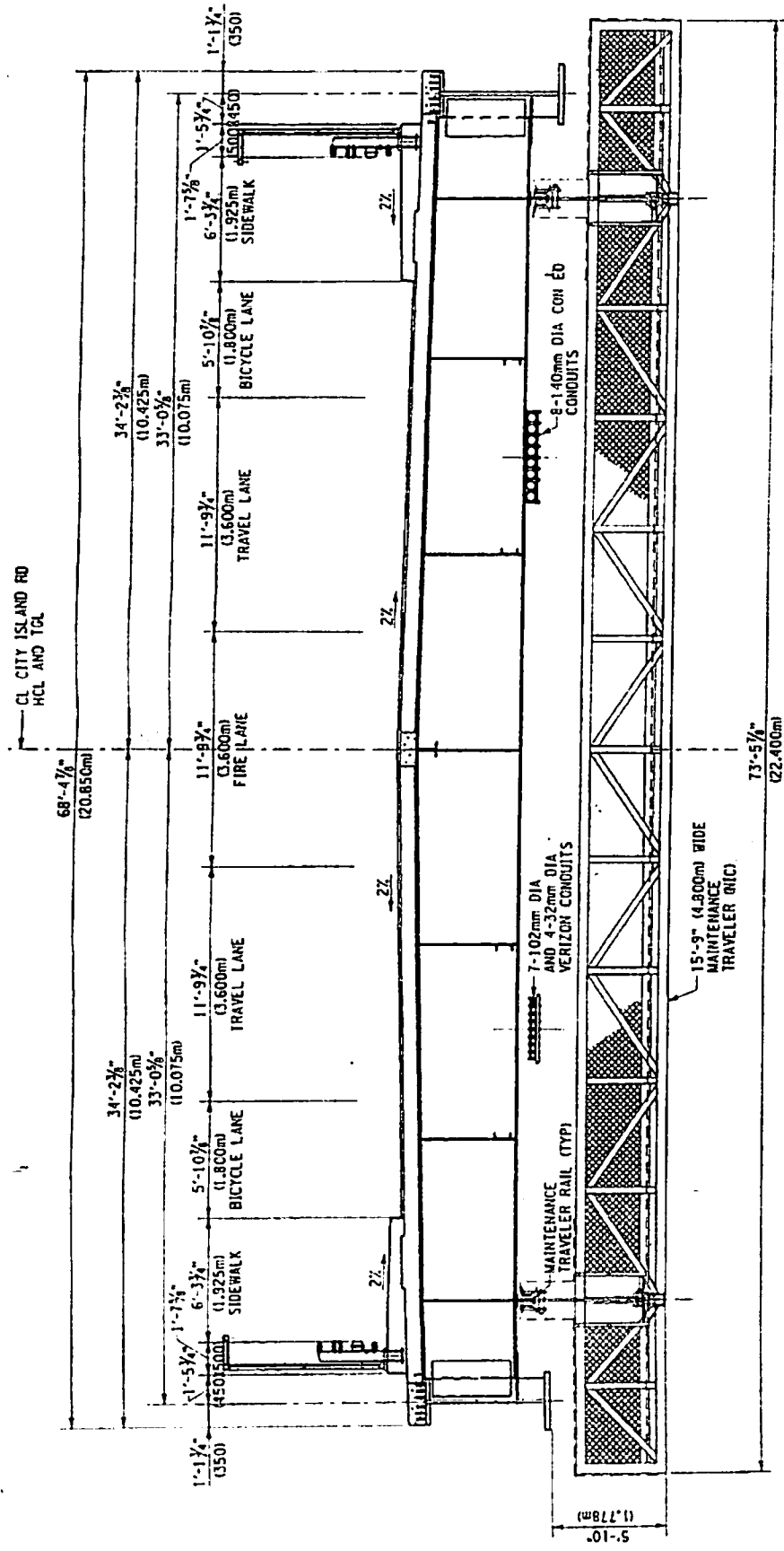
SCALE IN FEET

**ELEVATION - PROPOSED BRIDGE**

REPLACEMENT OF CITY ISLAND ROAD BRIDGE  
OVER EASTCHESTER BAY, M.P. 2.2 (3.54 km)  
BOROUGH OF THE BRONX, BRONX COUNTY  
STATE OF NEW YORK

CITY OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

SHEET 3 OF 7      DATE: APRIL, 2010



**NOTE**

- 1. VERTICAL CLEARANCE REDUCED BY 5'-10" (1.778m) WHEN TRAVELER IS IN USE.

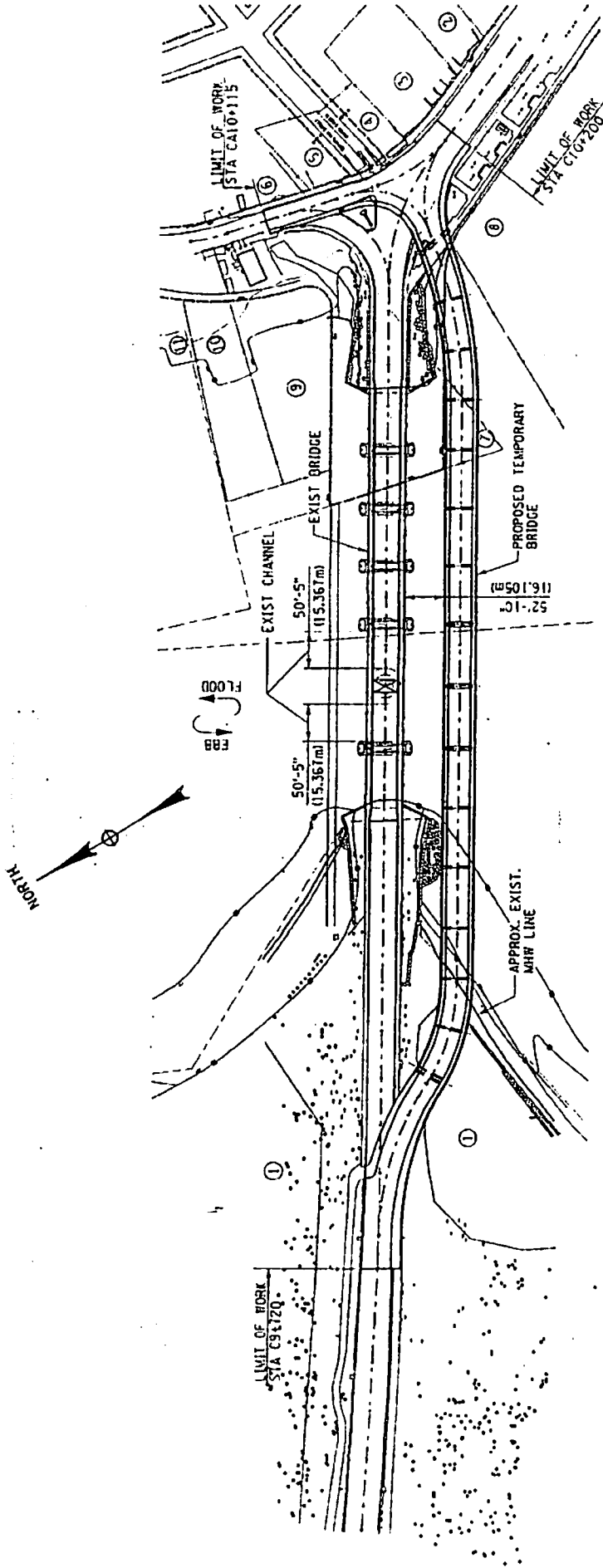


**TYPICAL SECTION - PROPOSED BRIDGE**

REPLACEMENT OF CITY ISLAND ROAD BRIDGE  
OVER EASTCHESTER BAY, I.P. 2.2 (3.54 km)  
BOROUGH OF THE BRONX, BRONX COUNTY  
STATE OF NEW YORK

CITY OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

SHEET 4 OF 7      DATE: JAN., 2010



**NOTES**

- 1. DATUM: NAD 88



SCALE IN METERS



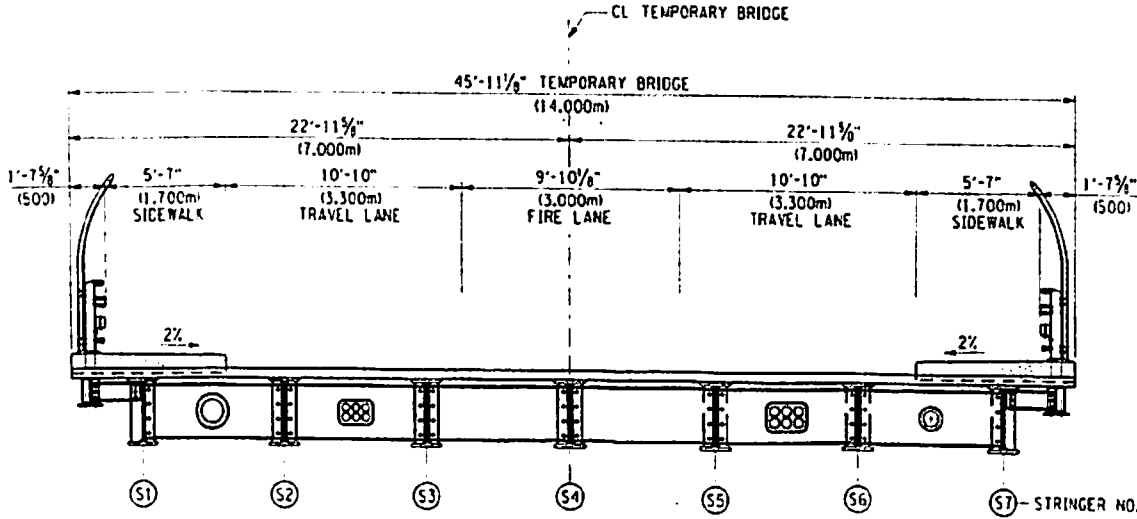
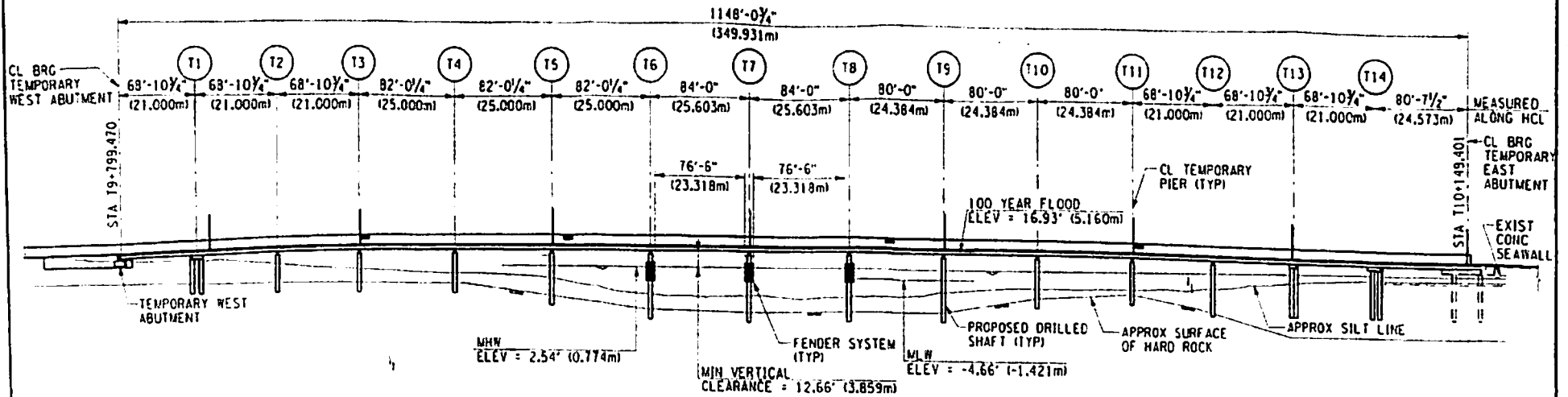
SCALE IN FEET

**PLAN - TEMPORARY BRIDGE**

REPLACEMENT OF CITY ISLAND ROAD BRIDGE  
OVER EASTCHESTER BAY, M.P. 2.2 (3.54 km)  
BOROUGH OF THE BRONX, BRONX COUNTY  
STATE OF NEW YORK

CITY OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

SHEET 5 OF 7      DATE: DEC., 2008



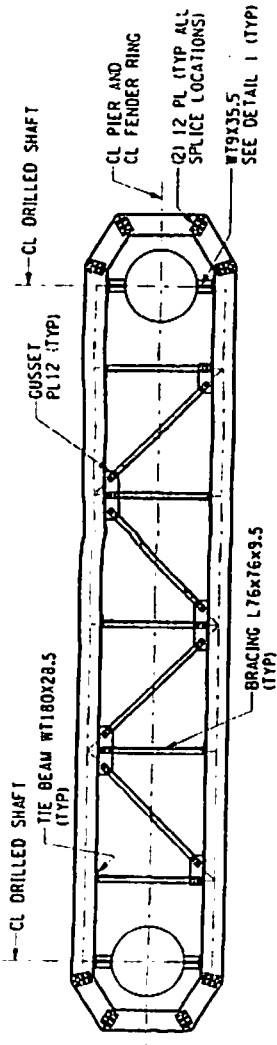
TYPICAL SECTION



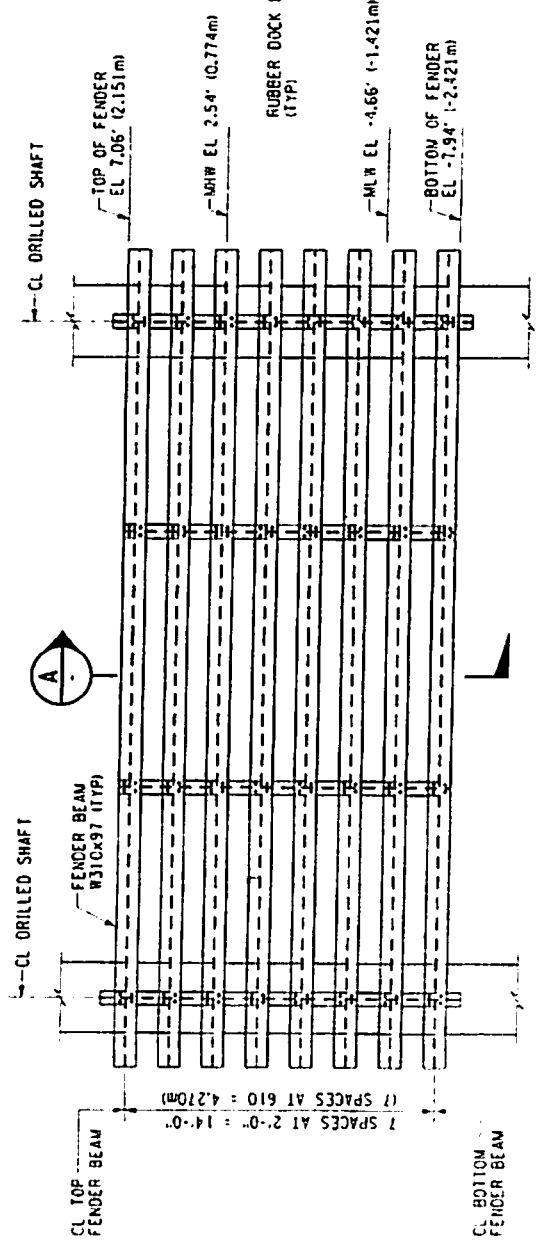
NOTES

1. DATUM: MAD 88
2. 100 YEAR FLOOD ELEV = 16.93' (5.160m).

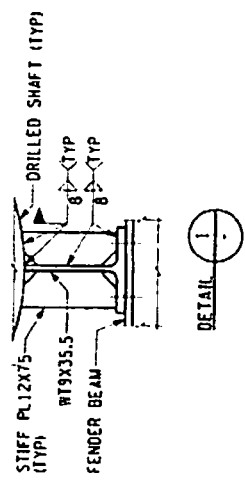
<b>ELEVATION AND TYPICAL SECTION - TEMPORARY BRIDGE</b>	
REPLACEMENT OF CITY ISLAND ROAD BRIDGE OVER EASTCHESTER BAY, M.P. 2.2 (3.54 km) BOROUGH OF THE BRONX, BRONX COUNTY STATE OF NEW YORK	
CITY OF NEW YORK DEPARTMENT OF TRANSPORTATION	
SHEET 6 OF 7	DATE: APRIL, 2010



PLAN



ELEVATION



DETAIL 1

SECTION A

NOTES

1. DATUM: MAD 96



SCALE IN METERS



SCALE IN FEET

TEMPORARY BRIDGE PIERS T6-T8  
FENDER DETAILS

REPLACEMENT OF CITY ISLAND ROAD BRIDGE  
OVER EASTCHESTER BAY, M.P. 2.2 (3.54 km)  
BOROUGH OF THE BRONX, BRONX COUNTY  
STATE OF NEW YORK

CITY OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

Department of Homeland Security  
U.S. Coast Guard  
Commander (obr)  
First Coast Guard District  
Battery Park Building  
New York, NY 10004

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U.S. COAST GUARD  
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PN-1-091-SB

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300

119  
Honorable James Vacca, Council Member  
Bronx Council District 13  
3040 East Tremont Avenue, RM 104  
Bronx NY 10461

FIRST CLASS MAIL

1046185733 0021

