PUBLIC NOTICE

US Army Corps of Engineers ®
New England District
696 Virginia Road
Concord, MA 01742-2751

Comment Period Begins: February 22, 2011
Comment Period Ends: March 22, 2011
File Number: 2010-1514
In Reply Refer To: Amy Bourne
Phone: (978) 318-8651
E-mail: amy.c.bourne@usace.army.mil

The District Engineer has received a permit application from the applicant below to conduct work in waters of the United States as described below.

APPLICANT: City of Norwich

ACTIVITY: Excavation of stream bed material around the existing reinforced concrete deck support of the Pleasant Street Bridge and placement of rip rap around the deck as a scour mitigation measure.

A detailed description and plans of the activity are attached.

WATERWAY AND LOCATION OF THE PROPOSED WORK
This work is proposed in the Yantic River at the Pleasant Street Bridge in Norwich, Connecticut. The proposed location on the USGS Norwich quadrangle sheet is at coordinates 41 32 36 N Latitude and 72 06 12 W Longitude.

AUTHORITY
Permits are required pursuant to:
_____Section 10 of the Rivers and Harbors Act of 1899
_X_ Section 404 of the Clean Water Act
_____Section 103 of the Marine Protection, Research and Sanctuaries Act).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment

and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

SECTION 106 COORDINATION

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

a. The permit area has been extensively modified by previous work.
b. The permit area has been recently created.
c. The proposed activity is of limited nature and scope.
d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s)

ENDANGERED SPECIES CONSULTATION

The New England District, Army Corps of Engineers has reviewed the list of species protected under the Endangered Species Act of 1973, as amended, which might occur at the project site. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect any Federally listed endangered or threatened species or their designated critical habitat. By this Public Notice, we are requesting that the appropriate Federal Agency concur with our determination.

The States of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved **Coastal Zone Management Programs**. Where applicable the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

(X) Permit, License or Assent from State.
(X) Permit from Local Wetland Agency or Conservation Commission.
(X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact (PM name) at (978) 318-8651, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

Robert J. DeSista
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here ( ) and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

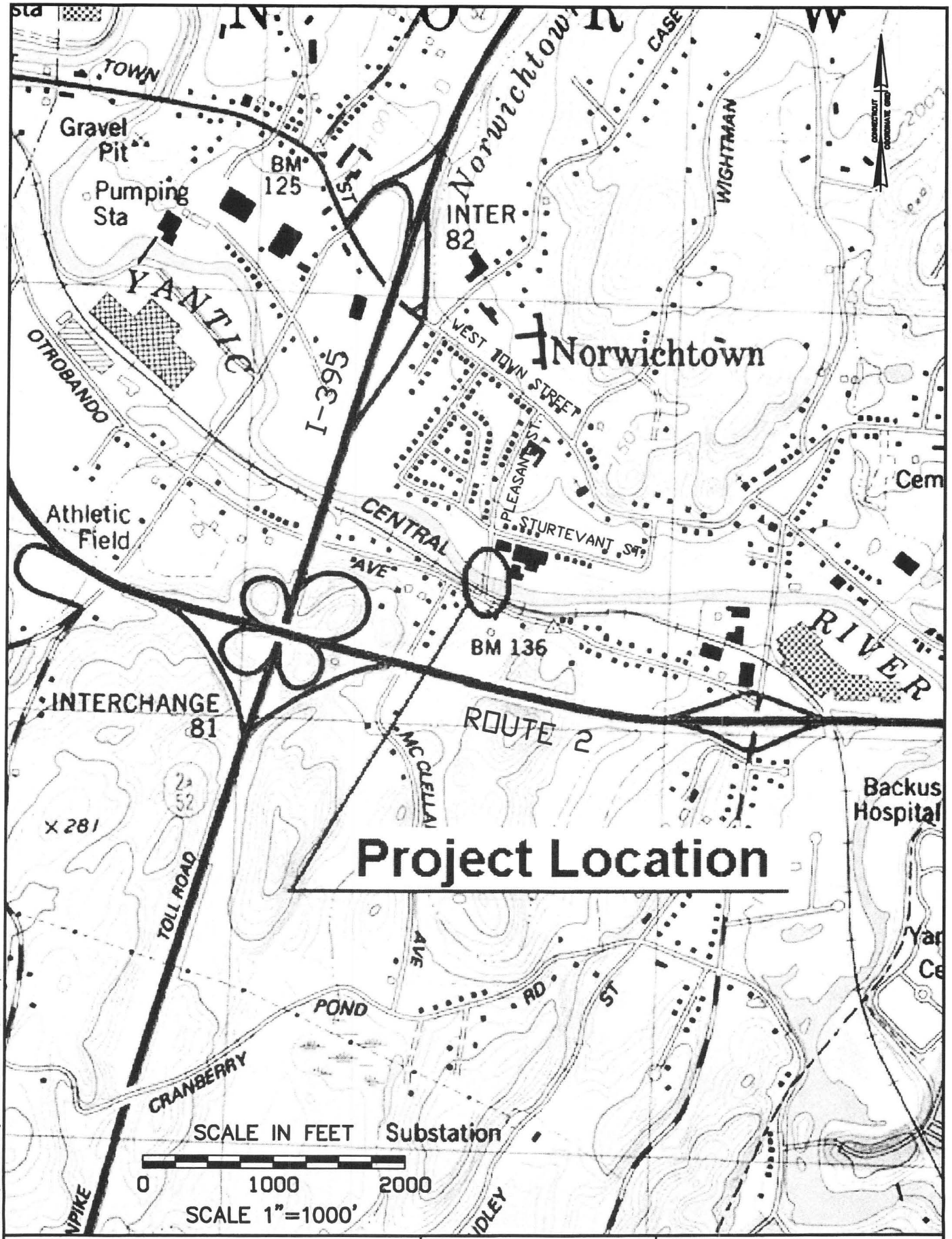
NAME: _____
ADDRESS: _____

PROPOSED WORK AND PURPOSE

The work consists of the discharge of fill material into the Yantic River for the purpose of restoring the structural integrity of the existing Pleasant Street Bridge that has been determined "scour critical" and in need of reinforcement for safety reasons. 2,800 square feet of watercourse will be permanently impacted as a result of excavation and subsequent placement of 415 cubic yards of rip rap, 115 cubic yards of granular fill and 105 cubic yards of native stream bed material around the existing concrete deck support. In addition, temporary impacts include, 393 cubic yards of fill material placed over 850 square feet of wetlands, 6,950 square feet of watercourse and 185 linear feet of stream bank for the construction of a stream diversion structure and construction access road. Silt fencing will be installed along the toe of the river bank to prevent erosion and all temporary structures and fills will be removed and flows will be re-established after construction is complete. There will be no change in the contours of the river bank or bed post-construction.

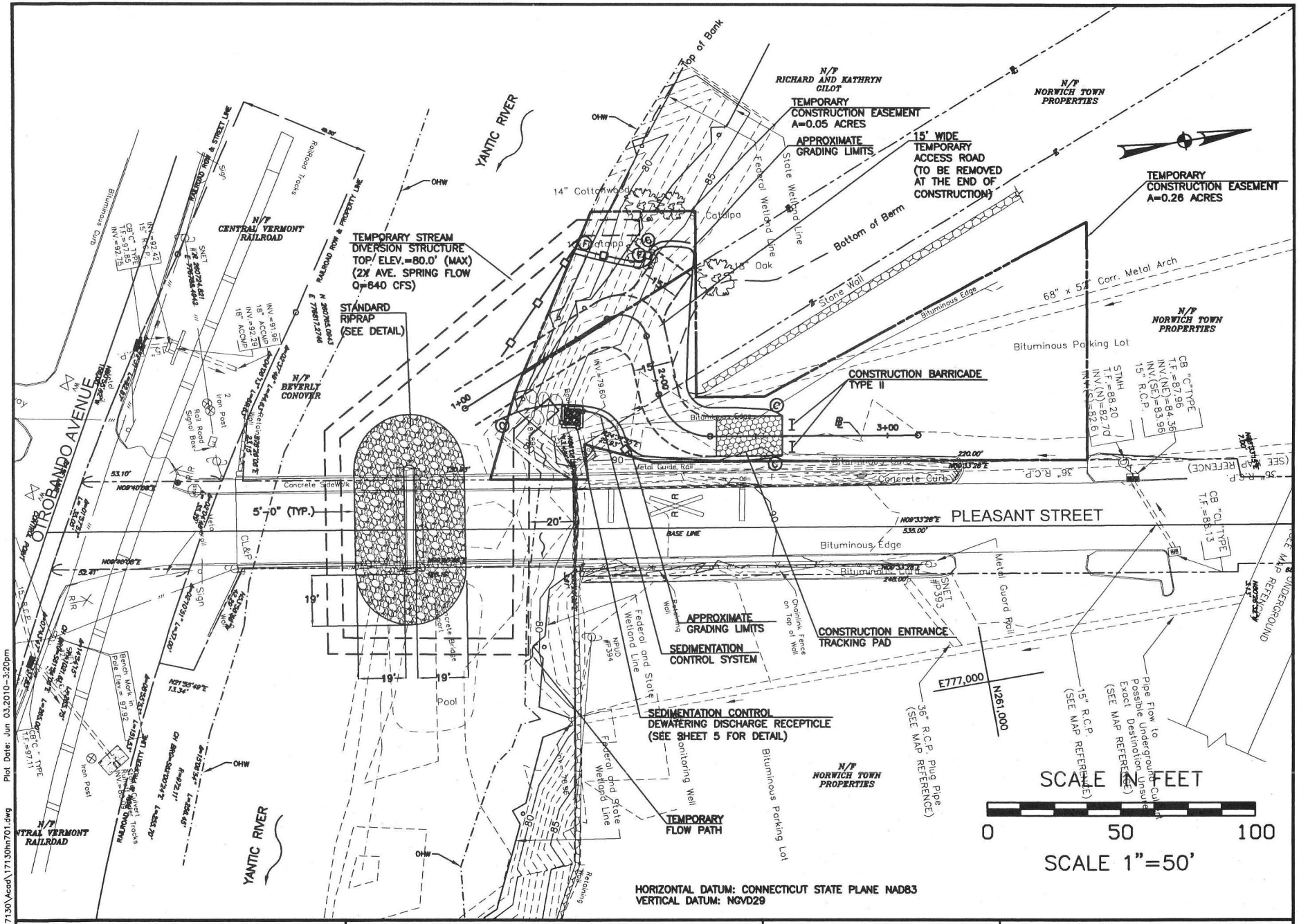
The project is located within a FEMA designated ZONE AE floodplain and floodway.

The work is described on the enclosed plans entitled "SCOUR MITIGATION OF PLEASANT STREET BRIDGE," on 12 sheets, and dated "JUNE 2010."



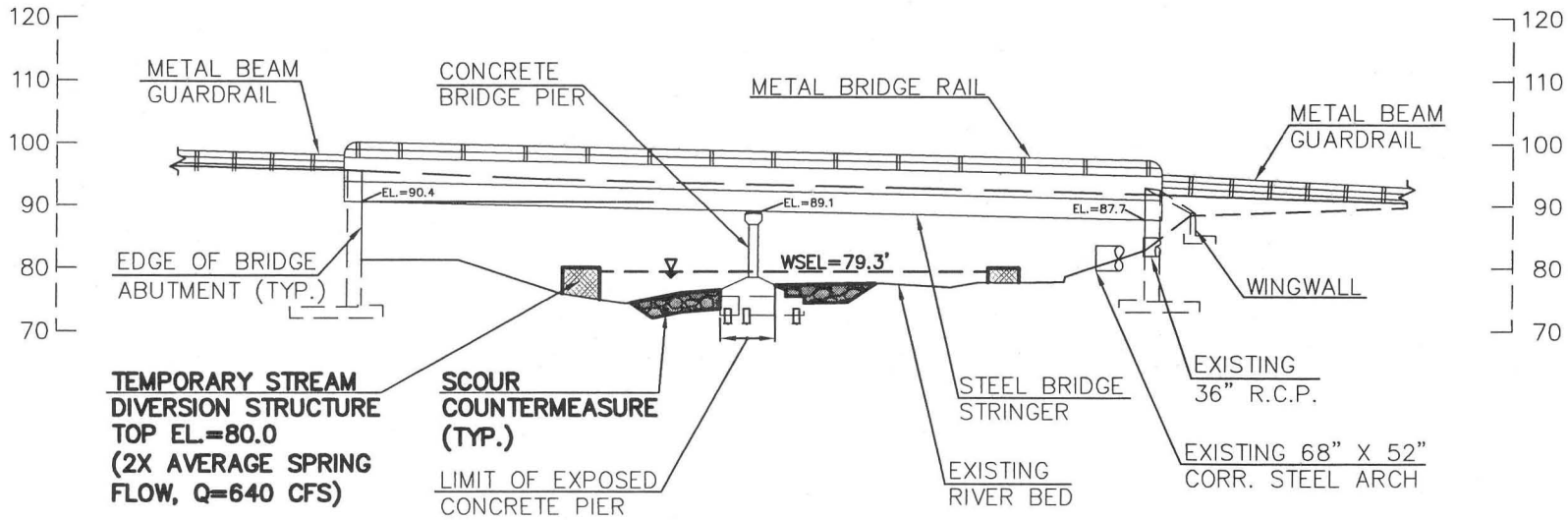
STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: U.S.G.S. LOCATION MAP	
ENGINEER: MAGUIRE GROUP INC.	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 1
CADD FILE: 17130hn700.dwg / DATE PLOTTED: JUNE 2010			

Drawing File: G:\JOBS\17130\Acad\17130hn700.dwg Plot Date: Jun 03,2010-2:50pm



STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: GENERAL PLAN	
ENGINEER: MAGUIRE GROUP INC.	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 2
CADD FILE: 17130hn701.dwg / DATE PLOTTED: JUNE 2010			

Drawing File: G:\JOBS\17130\Acad\17130hn701.dwg Plot Date: Jun 03,2010-3:20pm



WEST ELEVATION
LOOKING UPSTREAM

SCALE: 1"=30'

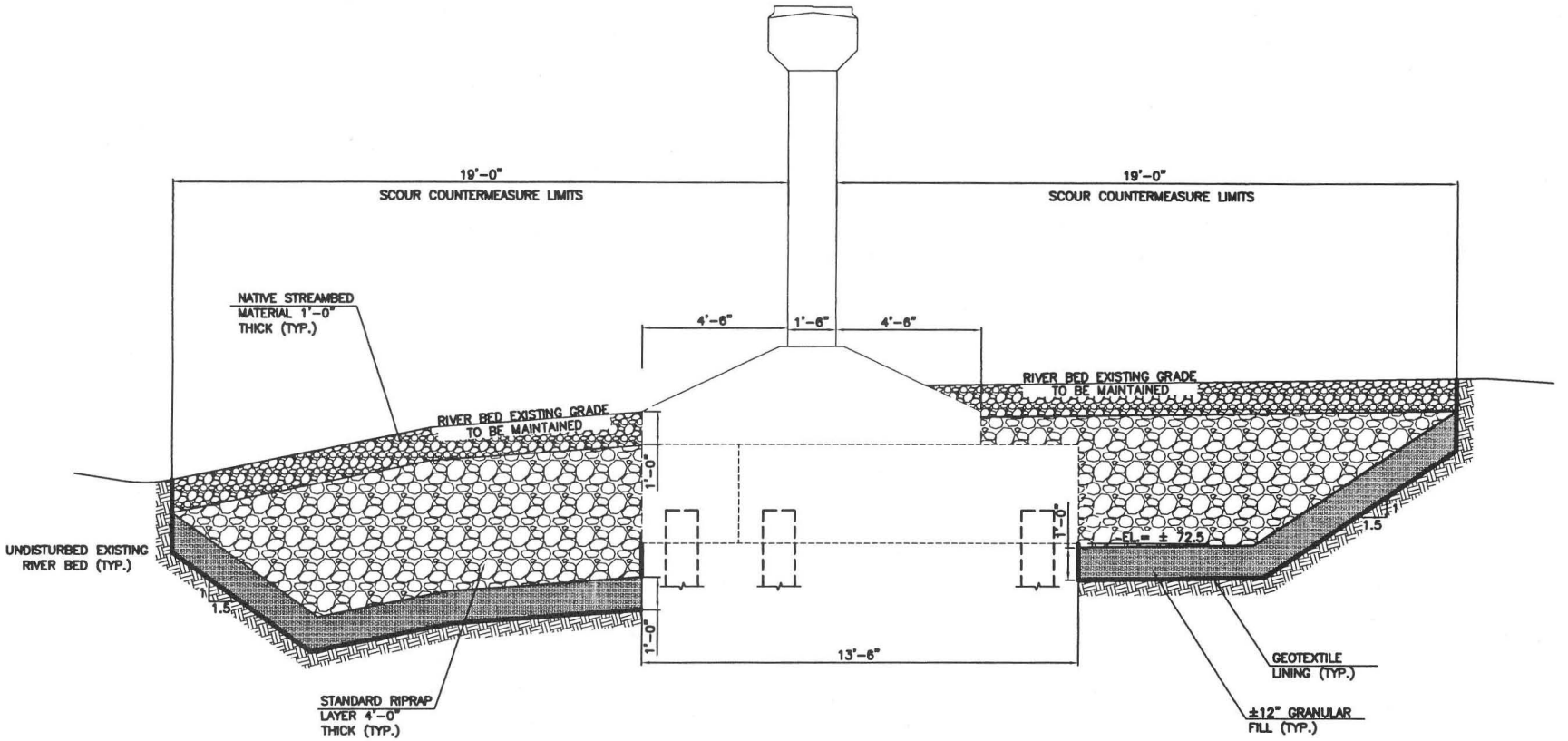
SCALE IN FEET

0 30 60

SCALE 1"=30'

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: ELEVATION	
ENGINEER: MAGUIRE GROUP INC.	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 3
CADD FILE: 17130hn702.dwg / DATE PLOTTED: JUNE 2010			

Drawing File: G:\JOBS\17130\Acad\17130hn702.dwg Plot Date: Jun 03,2010-2:02pm



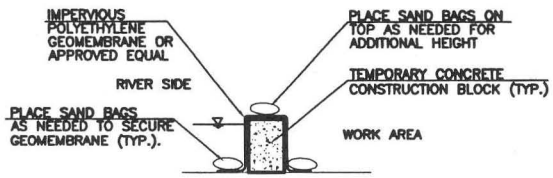
TYPICAL SCOUR COUNTERMEASURE AT PIER SECTION

LOOKING UPSTREAM

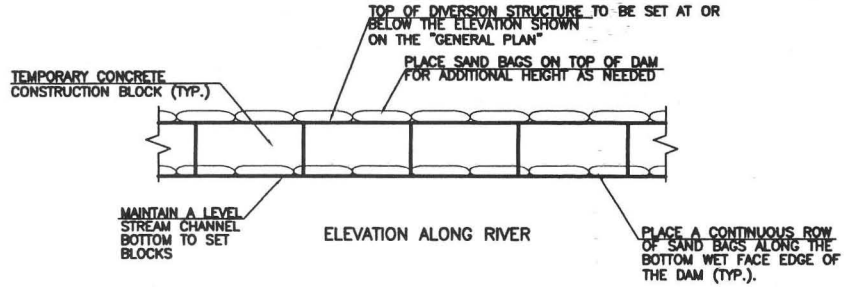
SCALE: 3/16" = 1'-0"

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: MISCELLANEOUS DETAILS	
ENGINEER: MAGUIRE GROUP INC.	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 4
CADD FILE: 17130hn703.dwg / DATE PLOTTED: JUNE 2010			

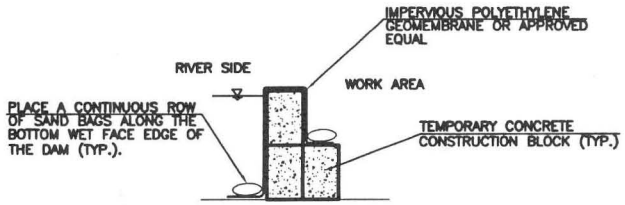
Drawing File: G:\JOBS\17130\Acad\17130hn703.dwg Plot Date: Jun 03,2010-2:02pm



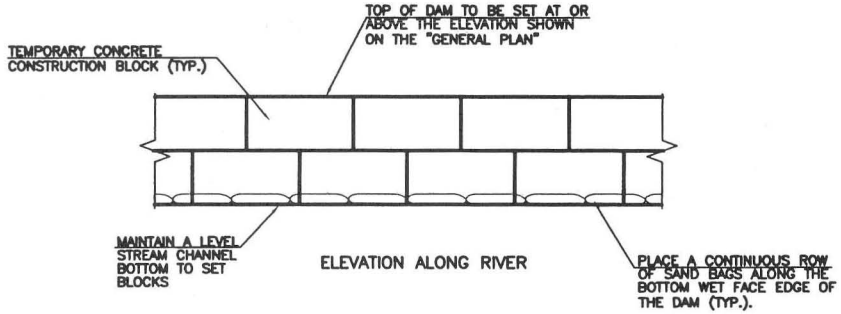
SECTION (3' HIGH) ALONG RIVER



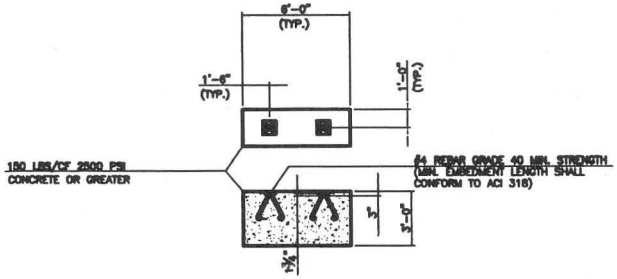
ELEVATION ALONG RIVER



SECTION (6' HIGH) ALONG RIVER



ELEVATION ALONG RIVER



TYPICAL TEMPORARY CONCRETE CONSTRUCTION BLOCK

NOT TO SCALE

NOTES:

1. THE CONTRACTOR SHALL SUBMIT PLANS AND COMPUTATIONS FOR THE CONSTRUCTION OF THE TEMPORARY STREAM DIVERSION STRUCTURE (TSDS) TO THE ENGINEER, AT LEAST 30 CALENDAR DAYS PRIOR TO THE INSTALLATION OF THE TSDS.

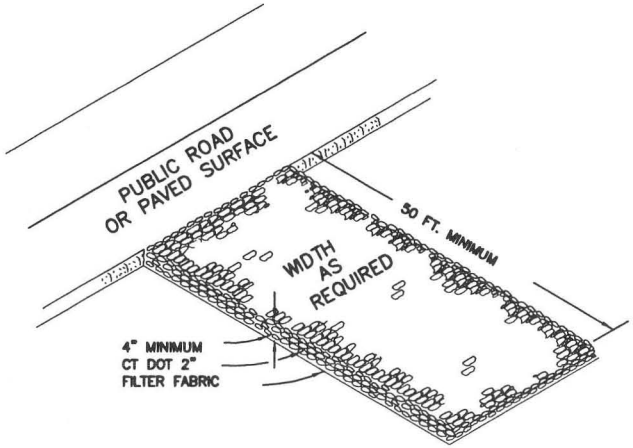
2. CONSTRUCTION OF THE TSDS AND ANY WORK RELATED THERETO, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "COFFERDAM AND DEWATERING".

TEMPORARY COFFERDAM USING CONCRETE CONSTRUCTION BLOCK

NOT TO SCALE

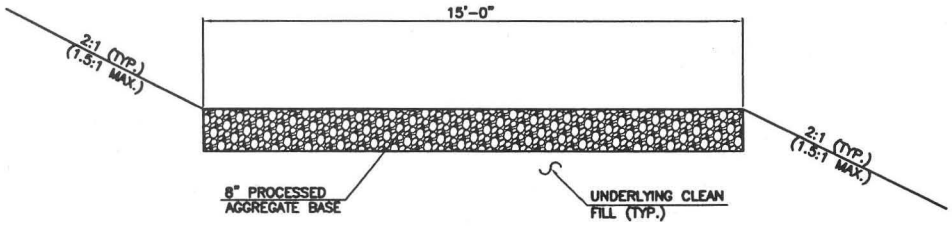
STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: MISCELLANEOUS DETAILS	
ENGINEER: MAGUIRE GROUP INC. CADD FILE: 17130hn704.dwg / DATE PLOTTED: JUNE 2010	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 5

Drawing File: G:\JOBS\17130\Acad\17130hn704.dwg Plot Date: Jun 03,2010-1:53pm



CONSTRUCTION ENTRANCE TRACKING PAD

NOT TO SCALE



IN CUT

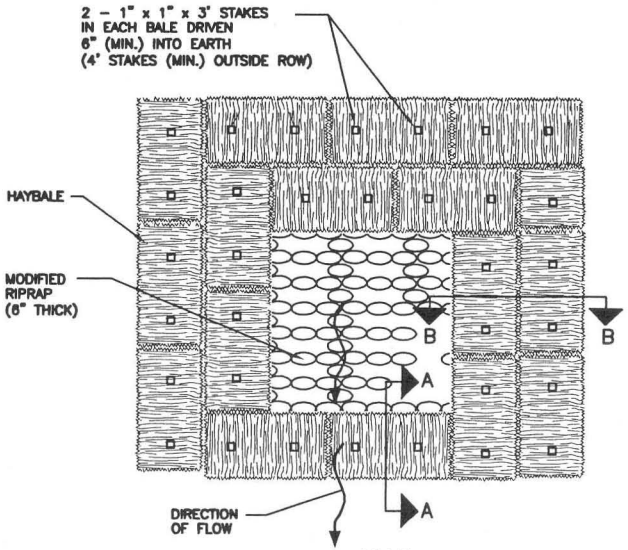
IN FILL

TEMPORARY ACCESS ROAD SECTION

SCALE: 3/16" = 1'-0"

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION		PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: MISCELLANEOUS DETAILS	
ENGINEER: MAGUIRE GROUP INC.		CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 6
CADD FILE: 17130hn705.dwg	DATE PLOTTED: JUNE 2010			

Drawing File: G:\JOBS\17130\Acad\17130hn705.dwg Plot Date: Jun 03,2010-1:53pm



NOTES:

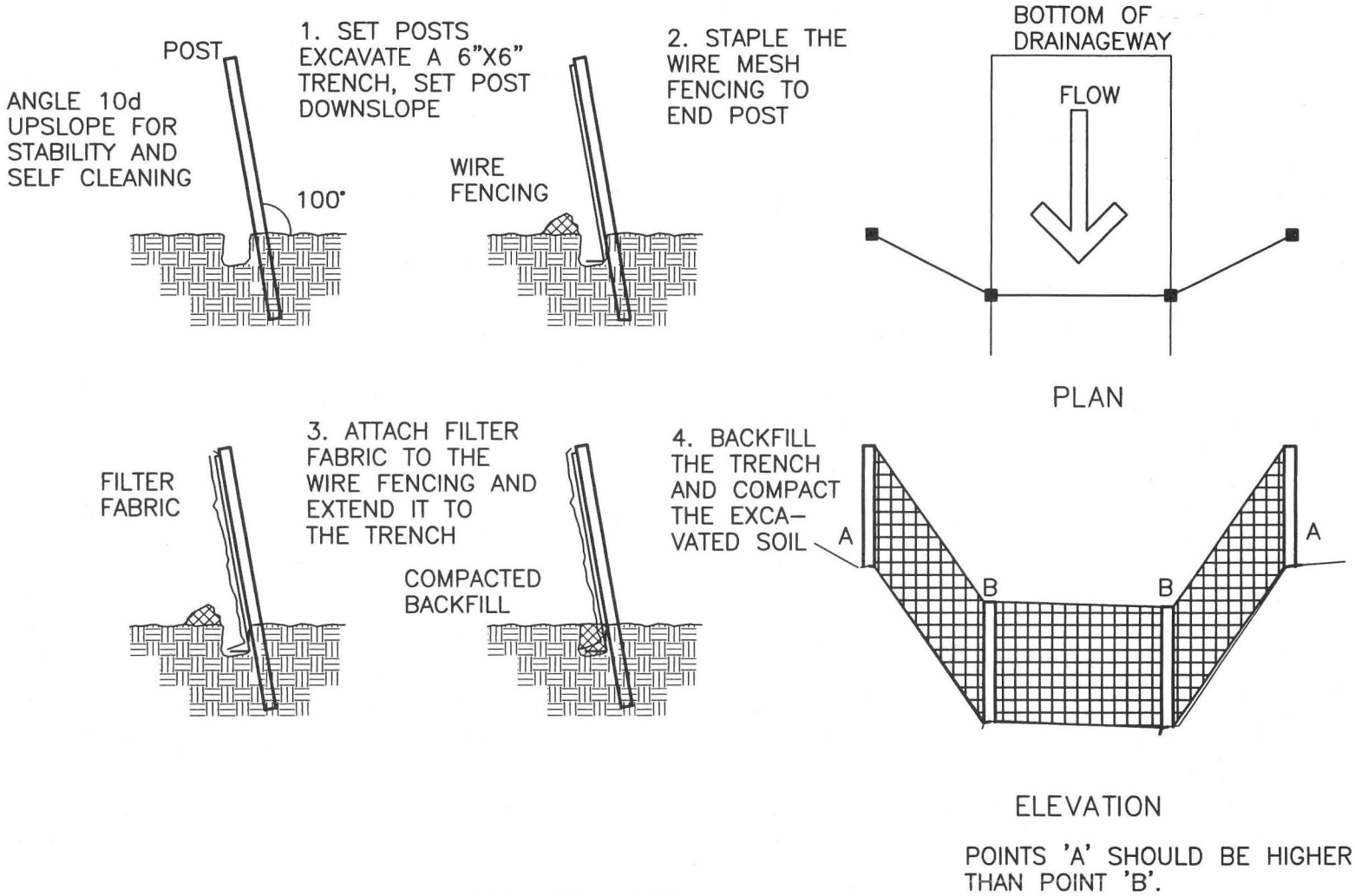
1. THE DESIGN OF DEWATERING METHODS AND DEVICES SHALL BE THE CONTRACTORS RESPONSIBILITY. THE CONTRACTOR SHALL PROVIDE A WRITTEN PROPOSAL FOR SPECIFIC METHODS AND DEVICES, INCLUDING DETAILS FOR PUMPS, DISCHARGE RECEPTACLE, TEMPORARY COFFER DAMS AND OTHER ASSOCIATED WORK AS REQUIRED BY BEST MANAGEMENT PRACTICES.
2. MEASURED AND PAID FOR UNDER INDIVIDUAL PAY ITEMS.
3. USE ADDITIONAL RECEPTACLES OR MODIFY SIZE AS REQUIRED BY FLOW RATES.

SEDIMENTATION CONTROL DEWATERING DISCHARGE RECEPTACLE

SCALE: N.T.S.

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: EROSION & SEDIMENTATION CONTROL DETAILS	
ENGINEER: MAGUIRE GROUP INC. CADD FILE: 17130hn706.dwg — DATE PLOTTED: JUNE 2010	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 7

Drawing File: G:\JOBS\17130\Acad\17130hn706.dwg Plot Date: Jun 03,2010-1:52pm



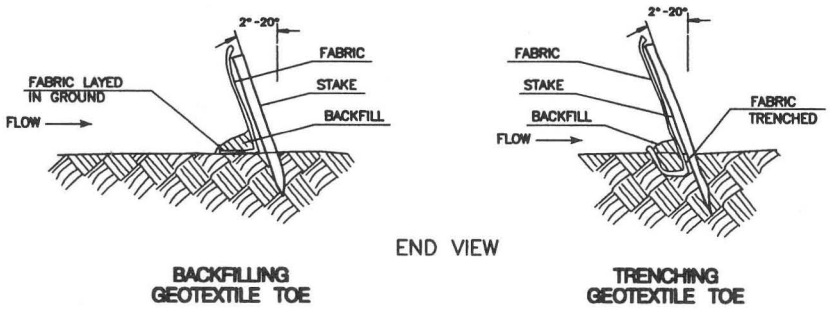
POINTS 'A' SHOULD BE HIGHER THAN POINT 'B'.

FILTER FENCE DETAIL

SCALE: N.T.S.

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: EROSION & SEDIMENTATION CONTROL DETAILS	
ENGINEER: MAGUIRE GROUP INC. CADD FILE: 17130hn707.dwg — DATE PLOTTED: JUNE 2010	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 8

Drawing File: G:\JOBS\17130\Acad\17130hn707.dwg Plot Date: Jun 03,2010-1:52pm

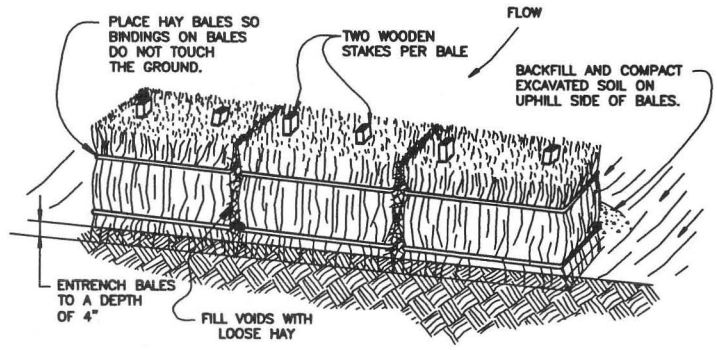


GEOTEXTILE FENCE SYSTEM

SCALE: N.T.S.

NOTES:

1. GEOTEXTILE FENCE SHOULD BE PLACED SO THE FENCE LEANS TOWARD THE SOURCE OF SEDIMENT.
2. MAXIMUM SPACING FOR WOODEN STAKES OR STEEL POSTS IS 10.0 '
3. WOOD STAKES SHALL HAVE A MINIMUM CROSS-SECTION SIZE OF 1.5" X 1.5" AND A MINIMUM LENGTH OF 4 FT. STEEL POSTS SHALL BE AT LEAST 0.5 LB. PER FOOT WITH A MINIMUM LENGTH OF 4 FT.
4. WOODEN STAKES OR STEEL POSTS SHALL BE DRIVEN TO A MINIMUM OF 1 FT. INTO THE GROUND.
5. 6" OF GEOTEXTILE SHALL BE BURIED BY BACKFILLING OR TRENCHING AND AT LEAST 2.5 FT. IN HEIGHT OF GEOTEXTILE SHALL BE EXPOSED.
6. FABRIC SHALL BE JOINED ONLY AT A SUPPORT POST WITH A MINIMUM OF 6" OVERLAP AND SECURELY SEALED.
7. UPON RE-RESTABLISHMENT OF GROUND COVER IN DISTURBED AREAS AND WHEN DIRECTED BY THE ENGINEER, OR UPON FINAL INSPECTION FENCE AND ANY SEDIMENT SHALL BE REMOVED. AT NO TIME WILL THE FENCE REMAIN IN PLACE AFTER PROJECT COMPLETION.
8. GEOTEXTILE FENCE SHALL NOT BE USED IN A WATER COURSE.
9. ONLY GEOTEXTILE FROM THE DEPARTMENTS APPROVED PRODUCT LIST SHALL BE USED.
10. BACKFILLING OF GEOTEXTILE SHALL ONLY BE USED WHEN GROUND IS FROZEN OR WHERE OTHER OBSTRUCTIONS ARE ENCOUNTERED THAT PROHIBIT TRENCHING, IE. STUMPS OR ROCKS.
11. CLEAN OUT ACCUMULATED SEDIMENT WHEN ONE-HALF (½) OF THE ORIGINAL HEIGHT OF THE GEOTEXTILE FENCE, AS INSTALLED, BECOMES FILLED WITH SEDIMENT OR AS DIRECTED BY THE ENGINEER.



HAY BALE SYSTEM

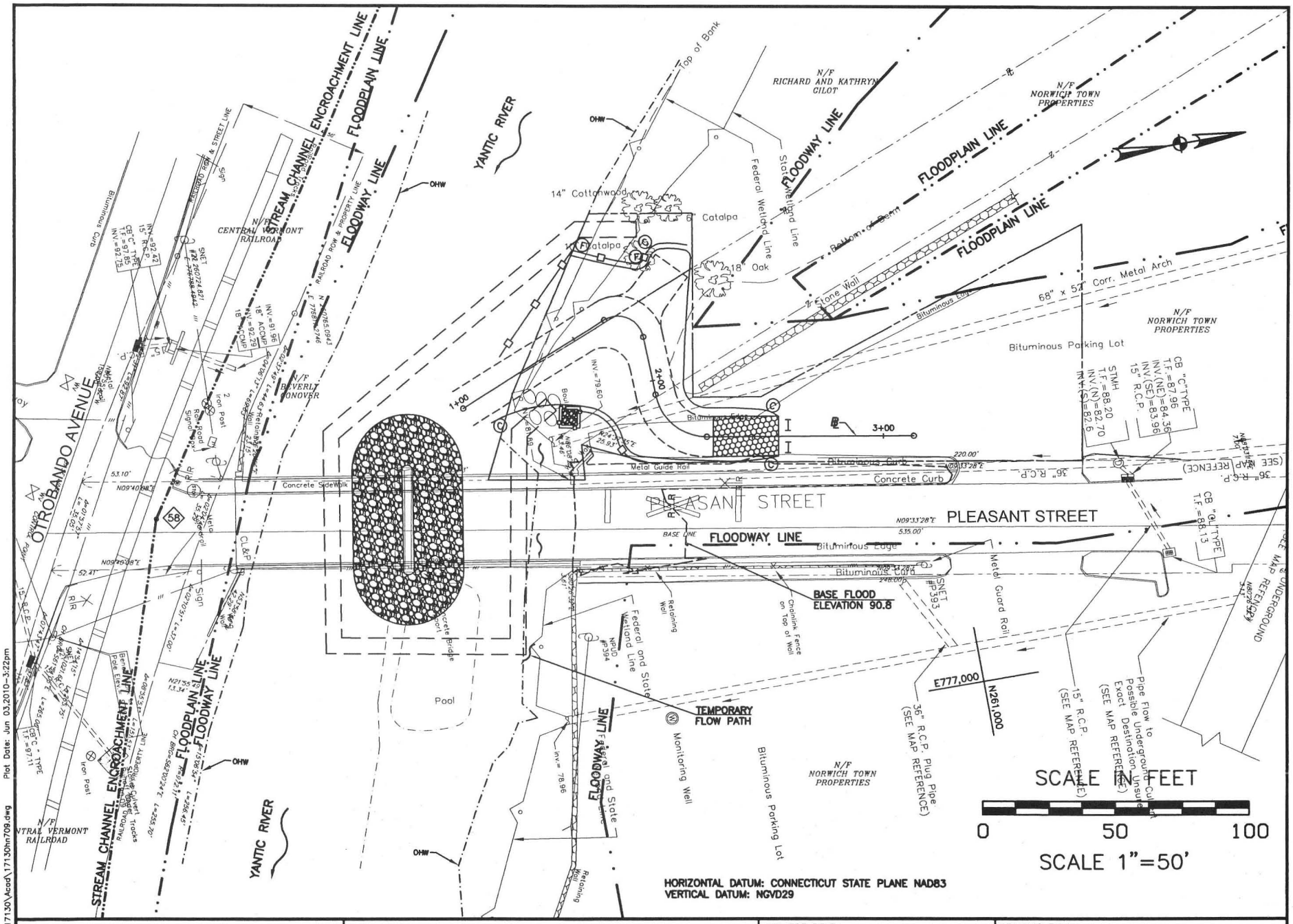
SCALE: N.T.S.

NOTES:

1. HAY BALES SHALL NOT BE USED IN A WATERCOURSE.
2. HAY BALES SHALL BE ENTRENCHED 4" AND TIGHTLY BUTTED TOGETHER. REMOVE HEAVY BRUSH AND FILL ALL VOIDS WITH LOOSE HAY.
3. WOOD STAKES SHALL HAVE A MINIMUM CROSS-SECTION SIZE OF AT LEAST 1" x 1". AND A MINIMUM LENGTH OF 4'.
4. CLEAN OUT ACCUMULATED SEDIMENT WHEN ONE-HALF (1/2) OF THE ORIGINAL HEIGHT OF THE HAY BALE FENCE, AS INSTALLED, BECOMES FILLED WITH SEDIMENT OR AS DIRECTED BY THE ENGINEER.
5. NOT TO BE USED IN THE VICINITY OF URBAN AND RESIDENTIAL AREAS.

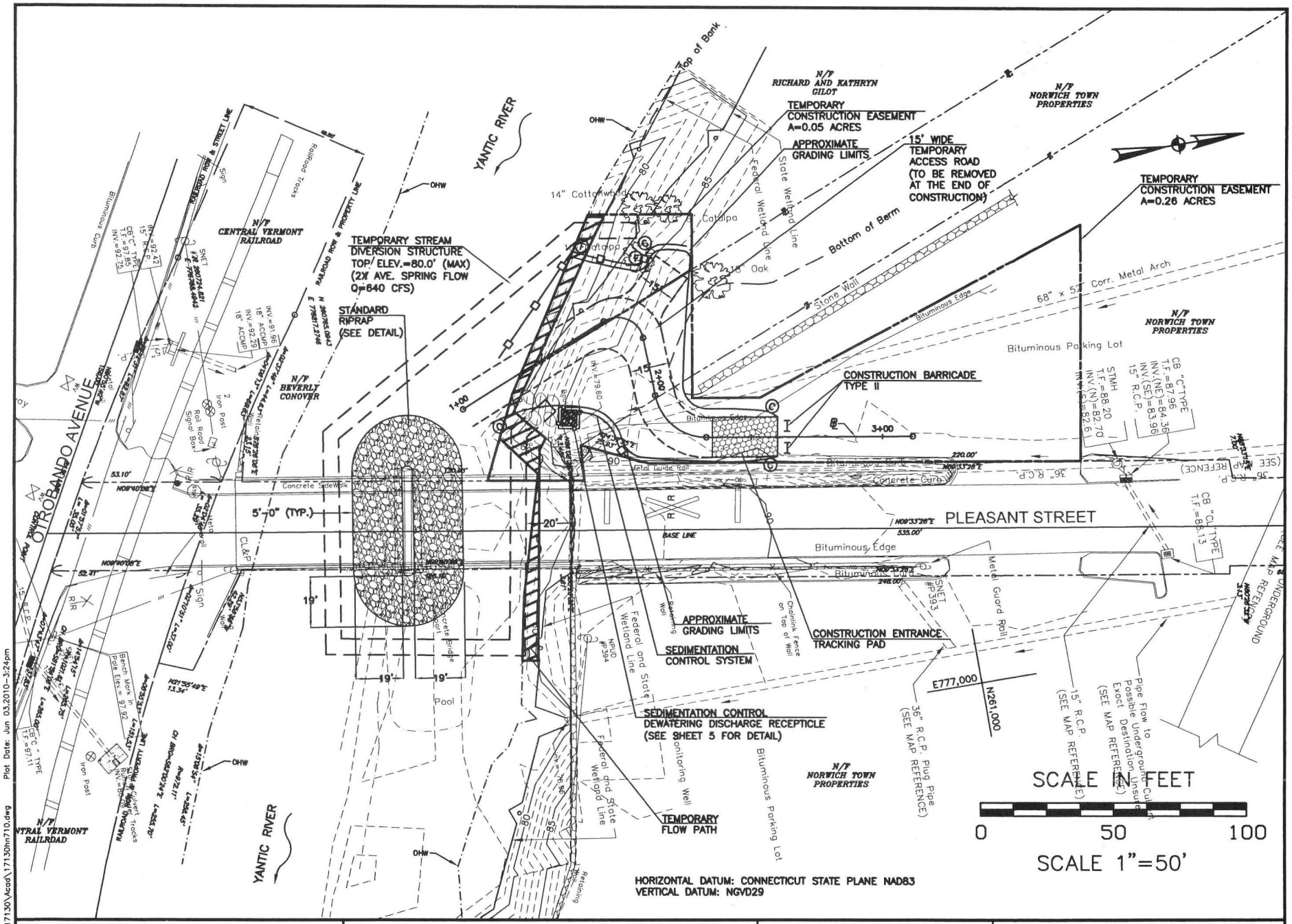
STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: EROSION & SEDIMENTATION CONTROL DETAILS	
ENGINEER: MAGUIRE GROUP INC. CADD FILE: 17130hn708.dwg / DATE PLOTTED: JUNE 2010	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 9

Drawing File: G:\JOBS\17130\Acad\17130hn708.dwg Plot Date: Jun 03,2010-1:52pm



STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE	DRAWING TITLE: RIVER ENCROACHMENT LINES & FLOOD BOUNDARIES	
ENGINEER: MAGUIRE GROUP INC.	CITY / TOWN: TOWN OF NORWICH	PROJECT NO.: 17130	FIGURE NO.: 10
CADD FILE: 17130hn709.dwg / DATE PLOTTED: APRIL 2010			

Drawing File: G:\JOBS\17130\Acad\17130hn709.dwg Plot Date: Jun 03,2010-3:22pm



PERMANENT WETLAND IMPACT AREA
TOTAL AREA = 850 SF

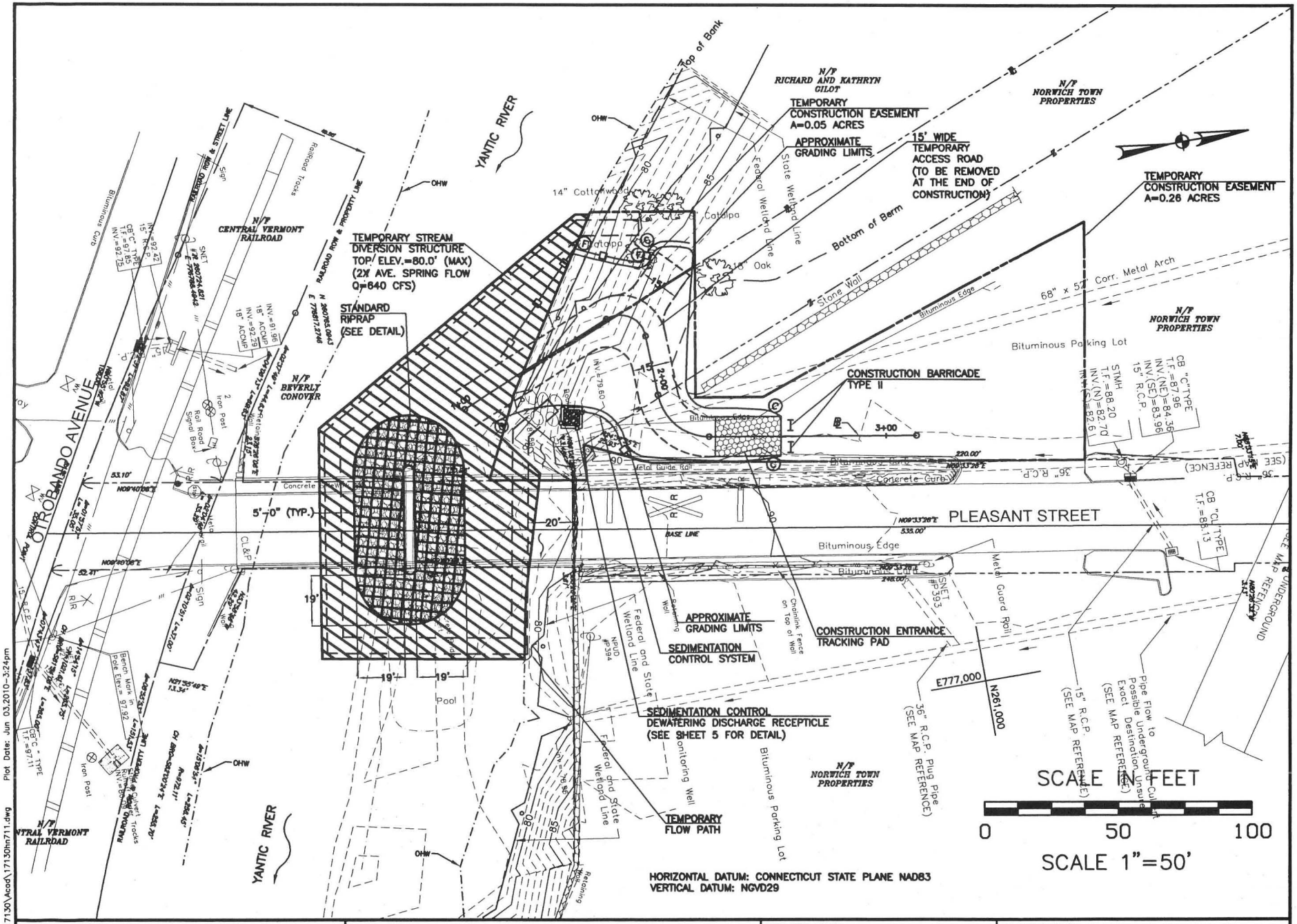
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: MAGUIRE GROUP INC.
CADD FILE: 17130hn710.dwg
DATE PLOTTED: JUNE 2010

PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE
CITY / TOWN: TOWN OF NORWICH

DRAWING TITLE: FEDERAL WETLAND IMPACT PLAN
PROJECT NO.: 17130
FIGURE NO.: 11

Drawing File: G:\JOBS\17130\Acad\17130hn710.dwg Plot Date: Jun 03,2010-3:24pm



PERMANENT WATERCOURSE IMPACT AREA
TOTAL AREA = 2,800 SF

TEMPORARY WATERCOURSE IMPACT AREA
TOTAL AREA = 6,950 SF

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: MAGUIRE GROUP INC.

CADD FILE: 17130hn711.dwg | DATE PLOTTED: JUNE 2010

PROJECT TITLE: SCOUR MITIGATION OF PLEASANT STREET BRIDGE

CITY / TOWN: TOWN OF NORWICH

DRAWING TITLE: WATERCOURSE IMPACT PLAN

PROJECT NO.: 17130

FIGURE NO.: 12

Drawing File: G:\JOBS\17130\Acad\17130hn711.dwg Plot Date: Jun 03,2010-3:24pm