



**US Army Corps  
of Engineers**®  
New England District

# PUBLIC NOTICE

696 Virginia Road  
Concord, MA 01742-2751

**Date:** March 27, 2007  
**Comment Period Ends:** April 27, 2007  
**File Number:** NAE-2007-889  
**In Reply Refer To:** William J. Mullen  
**Or by e-mail:** [william.j.mullen@usace.army.mil](mailto:william.j.mullen@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. The Corps is soliciting comments on both the project itself and the range of issues to be addressed in the environmental documentation.

## **APPLICANT Town of Waterford Public Works Department**

### **ACTIVITY**

A detailed description and plans of the applicant's activity are attached.

### **WATERWAY AND LOCATION OF THE PROPOSED WORK**

This work is proposed in Jordan Brook at 16/69R Douglas Lane, Waterford, Connecticut. The proposed location on the USGS Montville quadrangle sheet is at UTM coordinates 4586166 N and 18 737403 E.

### **AUTHORITY**

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899  
 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

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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.

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)

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

- ( ) 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 William Mullen at (978) 318-8559, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

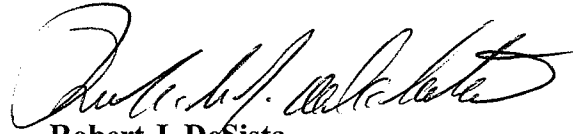
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining 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.

For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

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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](mailto: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 includes the discharge of dredged or fill material in association with the removal of three existing culverts (18", 18", and 15") and their replacement with a triple 7' x 4' precast concrete box culvert. Work also includes reconstruction of the associated roadway (Douglas Lane in Waterford, Connecticut) and raising of the roadway surface from elevation 119.6' to 121.8', construction of four wingwalls, and the installation of approximately 1,400 square feet (sf) of inlet/outlet protection. The total impacts of the work is 2668 sf, of which 45 sf is considered temporary.

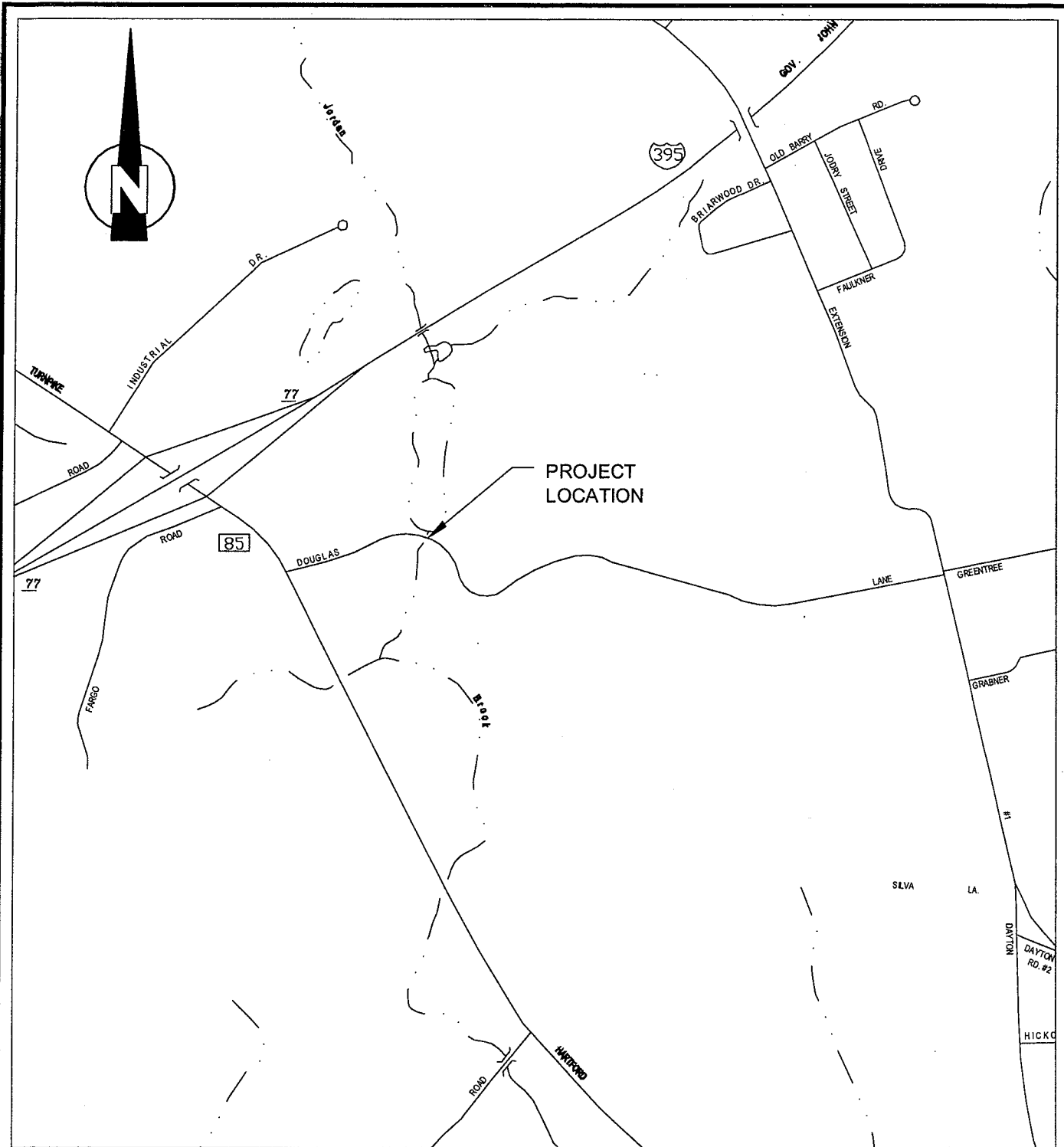
The existing culverts are extremely undersized and allow frequent flooding of Douglas Lane from Jordan Brook. The proposed replacement culvert is designed to prevent flooding associated with the 100-year floodflow of Jordan Brook, which has a drainage area of 1.56 square miles at Jordan Road. It will also reduce flood elevations upstream of the roadway.

It should be noted that the impoundment located upstream of this road crossing is held back by a debris-clogged woven wire fence (acting like a dam) located approximately 20 feet upstream of this road crossing. The impoundment is not associated with the Douglas Lane road crossing, and will not be impacted by the proposed work at Douglas Lane.

To facilitate replacement of the culverts, the brook will be temporarily diverted for about two weeks in a channel as shown in Section B-B on the attached plans. The temporary channel is designed to pass the 2-year floodflow.

The fill material is to be placed within a Federal Emergency Management Agency-designated floodway associated with Jordan Brook, therefore the proposed project is being considered as an Individual Permit.

The work is described on the enclosed plans entitled "Town of Waterford, CT, Douglas Lane Culvert Replacement" on 4 sheets, undated, but taken from a full-scale plan entitled "Town of Waterford, CT, Douglas Lane Culvert Replacement, Culvert Plan & Sections, Sheet C-7" dated "June 2006".



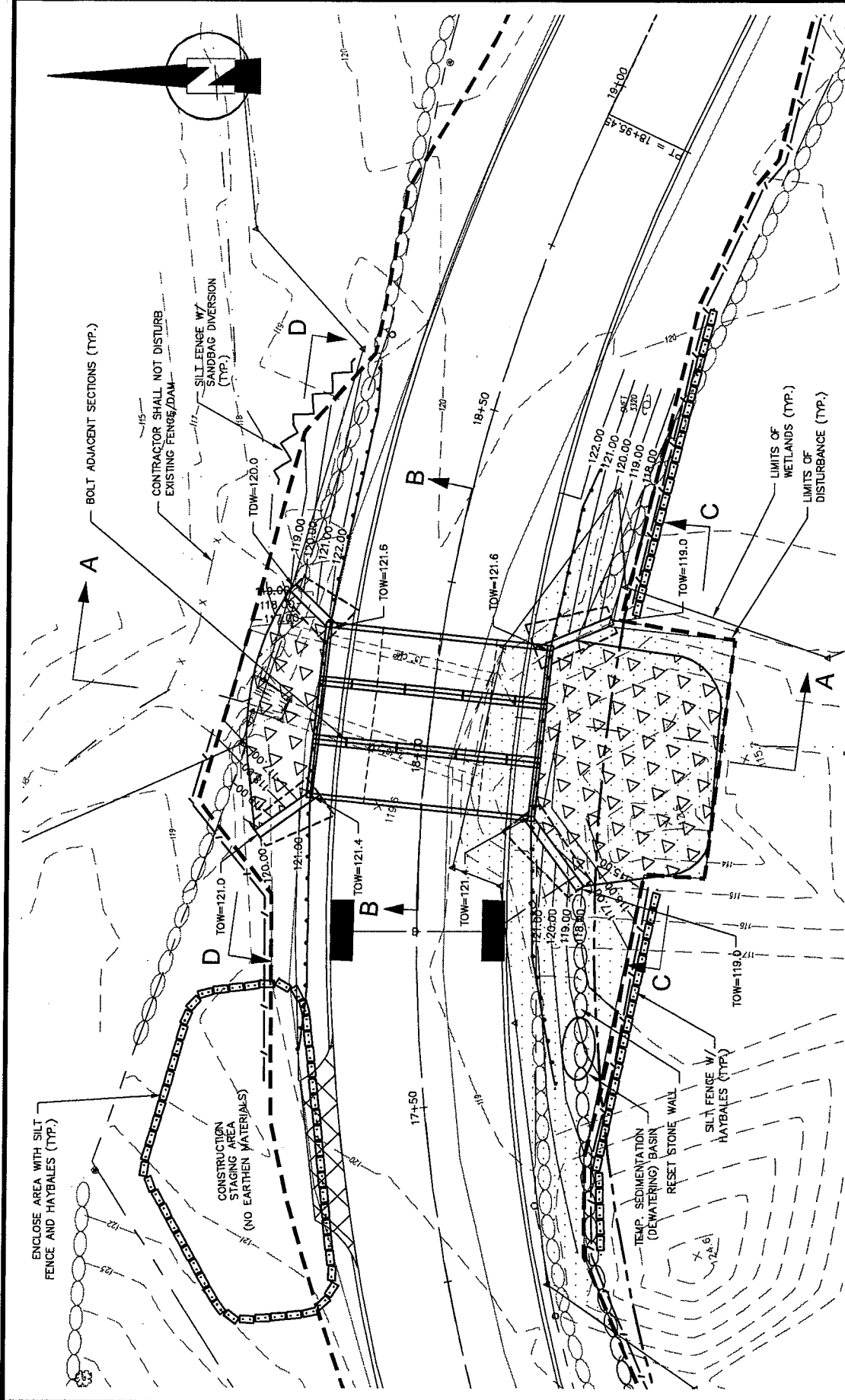
## VICINITY MAP

TOWN OF WATERFORD, CT  
DOUGLAS LANE CULVERT REPLACEMENT



**SEA Consultants Inc.**  
Scientists/Engineers/Architects

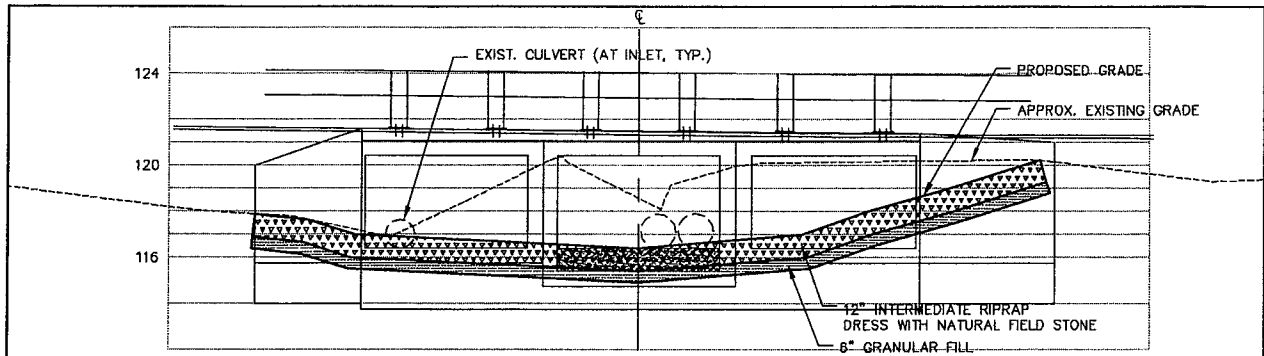
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STONEHAM, MASSACHUSETTS



# PLAN VIEW

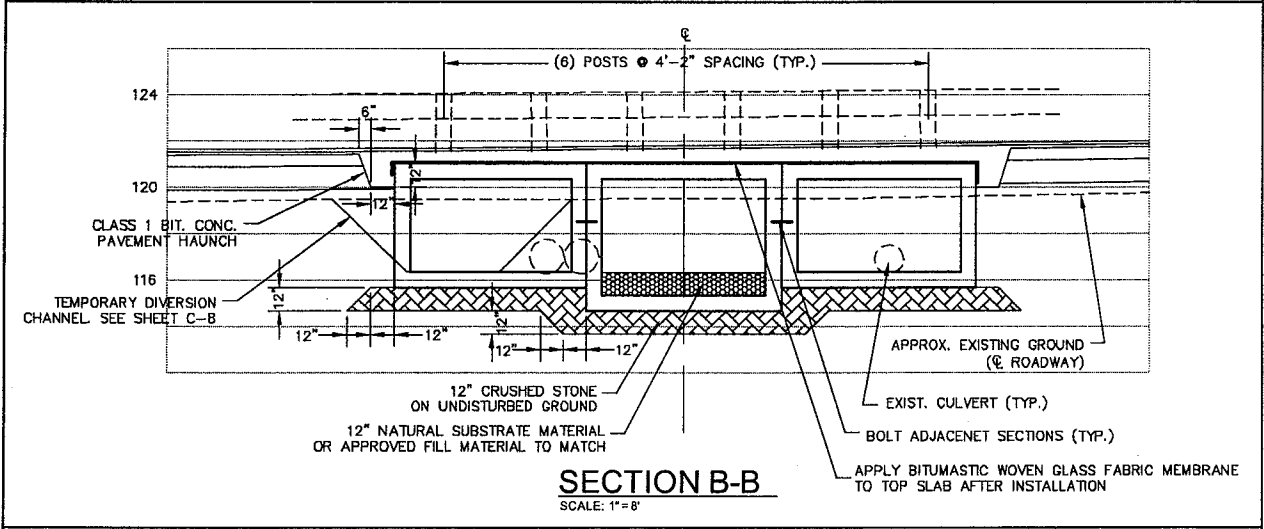
TOWN OF WATERFORD, CT  
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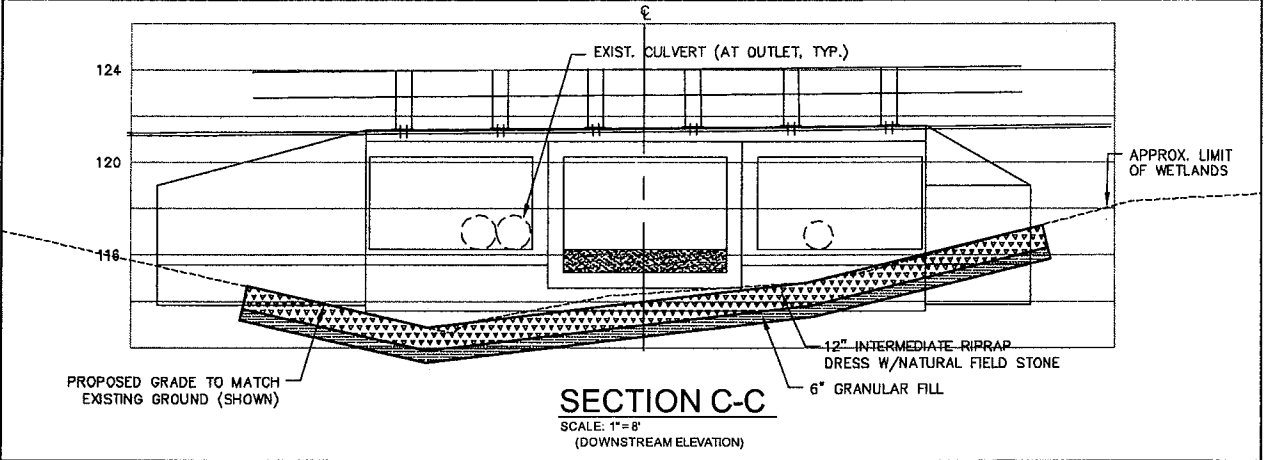
**SECTION D-D**

SCALE: 1" = 8'  
(UPSTREAM ELEVATION)



**SECTION B-B**

SCALE: 1" = 8'



**SECTION C-C**

SCALE: 1" = 8'  
(DOWNSTREAM ELEVATION)

**CROSS SECTION 1**  
**TOWN OF WATERFORD, CT**  
**DOUGLAS LANE CULVERT REPLACEMENT**



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