



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

**Maine Project Office
675 Western Avenue #3
Manchester, Maine 04351**

PUBLIC NOTICE

Date: January 17, 2017
Comment Period Ends: February 17, 2017
File Number: NAE-2017-00057
In Reply Refer To: Jay L. Clement
Or by e-mail: jay.l.clement@usace.army.mil

30 DAY NOTICE

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: MAINE DEPT. OF TRANSPORTATION, 16 STATE HOUSE STATION, AUGUSTA, MAINE 04333

ACTIVITY: Place temporary and permanent fill below the ordinary high water line of Valley Brook at Avon, Maine in order to install concrete cable mat scour protection for the substructure of the Route 4 bridge. The project will result in approximately 1,350 s.f. of permanent and 2,130 s.f. of temporary stream bed impact. Concrete cable mats will be placed in front of each abutment, extending approximately 16' upstream and downstream of the bridge. The mats will be anchored at the top of the existing bridge footings and will be installed at a 2:1 slope to one foot below the existing streambed. Temporary fill is required for cofferdams and other construction related disturbance. This work is designed to stabilize critical transportation infrastructure, insure public safety, and protect the economic vitality of Maine's transportation network.

WATERWAY AND LOCATION OF THE PROPOSED WORK: Valley Brook; Avon, Maine. The project site is located on the USGS PHILLIPS, ME quadrangle sheet at latitude 44.802909°N; and longitude -70.334412°W.

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 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 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.

ESSENTIAL FISH HABITAT (EFH): The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (“EFH”).

In water construction at the site will impact Essential Fish Habitat (“EFH”) for Atlantic salmon. This habitat consists of stream bed composed of cobbles and boulders interspersed with smaller stones, silt, sand, and gravel. The Federal Highway Administration (“FHWA”) has initiated consultation with the National Marine Fisheries Service. Although FHWA has taken the lead in this consultation, the District Engineer has made a preliminary determination that the site-specific adverse effect will not be substantial. Any consultation with the National Marine Fisheries Service regarding EFH conservation recommendations will be concluded prior to the final decision.

SECTION 106 COORDINATION: FHWA has initiated consultation with the Maine Historic Preservation Commission and Maine’s Indian Tribes pursuant to Section 106 of the National Historic Preservation Act of 1966 as amended. Although FHWA has taken the lead in this consultation, the District Engineer has determined that the proposed work is not likely to affect properties listed in, or eligible for listing in, the National Register of Historic Places. FHWA and the Corps will continue review and consultation to fulfil requirements under the Historic Preservation Act as part of the permit review process.

ENDANGERED SPECIES ACT CONSULTATION: FHWA has initiated consultation with the US Fish & Wildlife Service pursuant to Section 7 of the Endangered Species Act regarding the presence of Atlantic salmon and Atlantic salmon critical habitat. Although FHWA has taken the lead in this consultation, the District Engineer is hereby requesting that the appropriate Federal Agency also provide comments to the Corps regarding the presence of and potential impacts to listed species or critical habitat.

OTHER APPROVALS: The applicant has supplied the Maine Department of Environmental Protection with a permit application for the work described in this public notice and is requesting that the Department either grant or waive Water Quality Certification in accordance with Section 401 of the Clean Water Act. Comments regarding the applicant's Permit/Water Quality Certification request may be submitted in writing to: Mike Mullen, Director, Land Division, Bureau of Land Resources, Department of Environmental Protection, 17 State House Station, Augusta, ME, 04333-0017 or by email to: mike.mullen@maine.gov


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 Jay Clement at 207-623-8367, ext. 1 at our Manchester, Maine Project Office.

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.

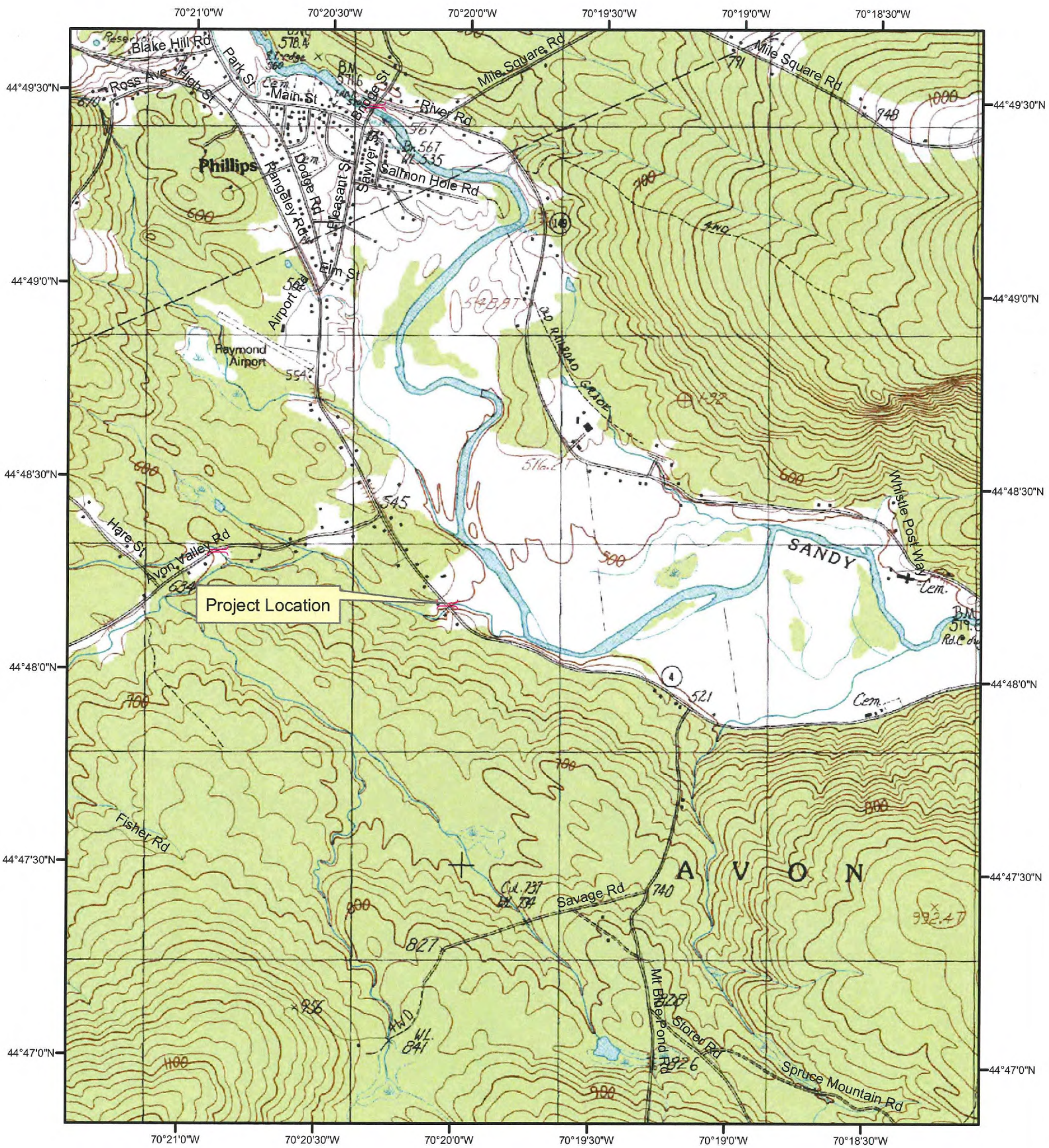
For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

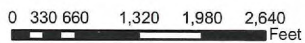

Frank J. Del Giudice
Chief, Permits and Enforcement Branch
Regulatory Division

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: _____

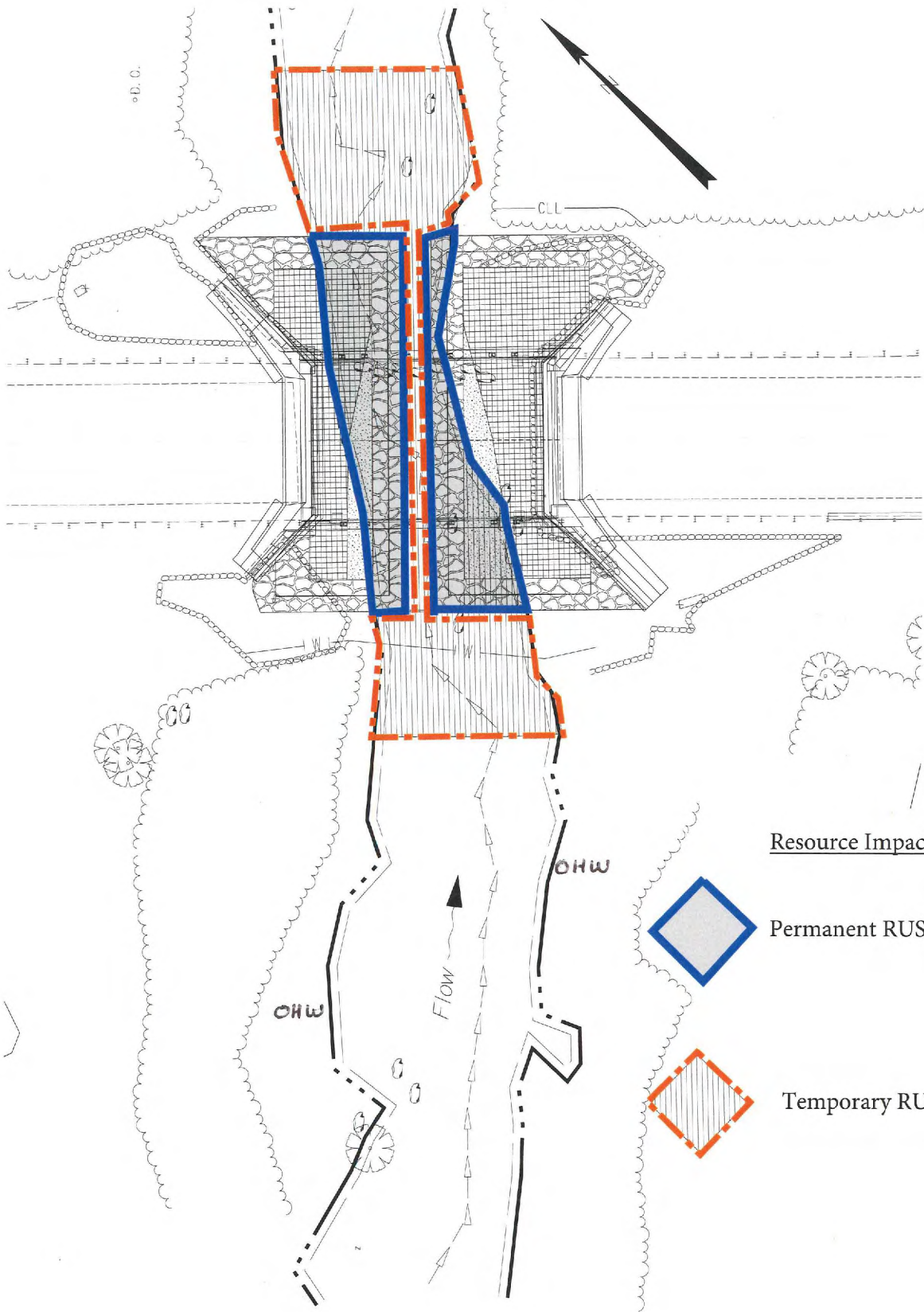


-70.33398
44.8029



MDOT WIN 22612.00
Avon- Valley Brook Bridge #2890
Bridge Scour Countermeasures
PLANS- 12/15/16

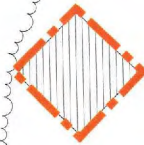




Resource Impacts:

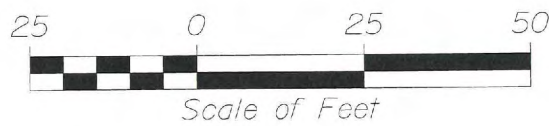


Permanent RUS: 1350 SF

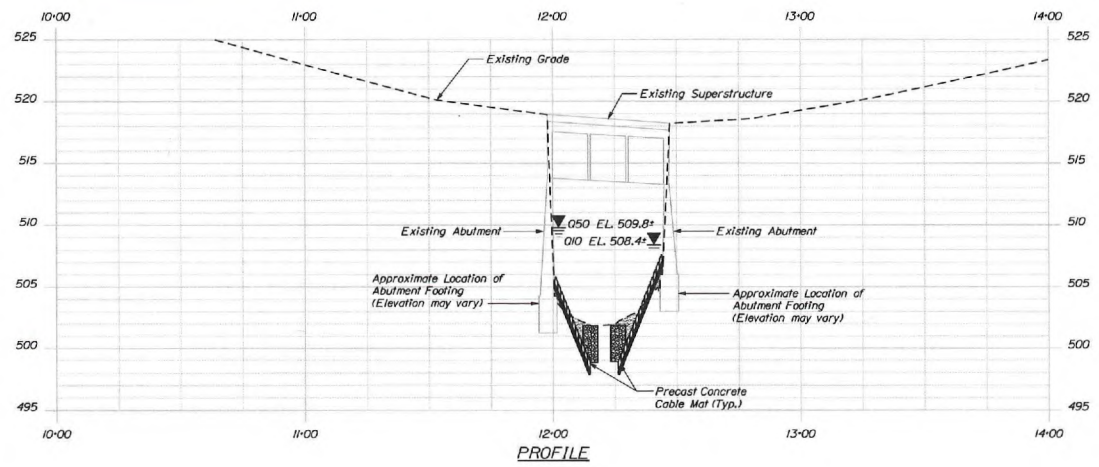
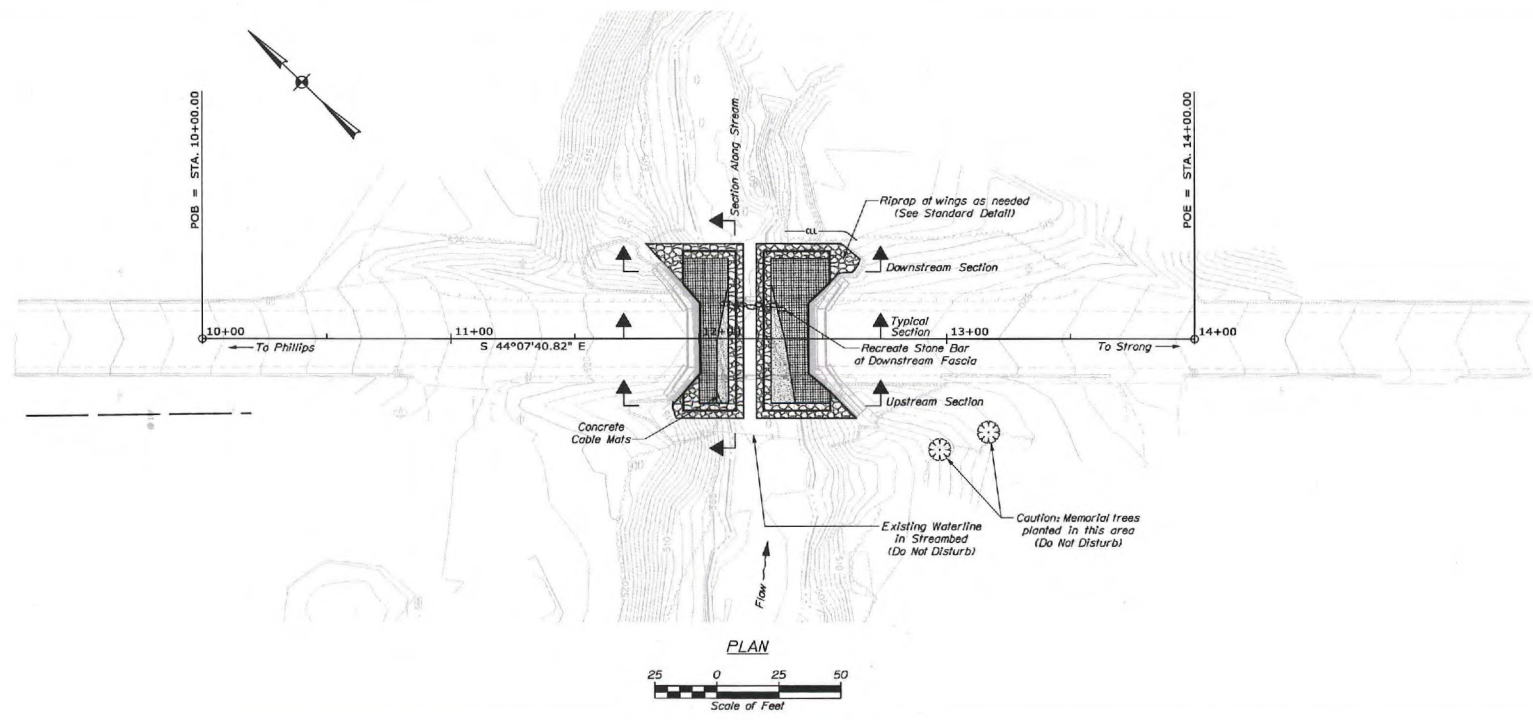


Temporary RUS: 2130 SF

PLAN

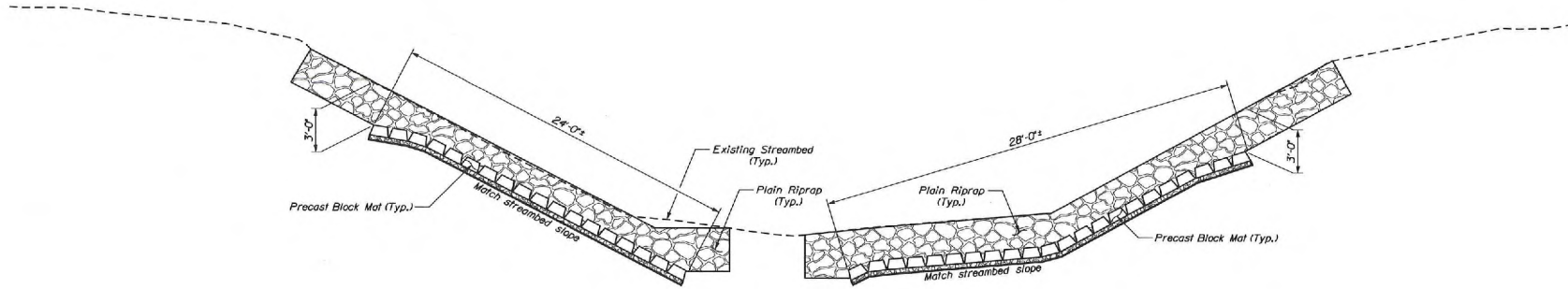


MDOT WIN 22612.00
 Avon- Valley Brook Bridge
 #2890 Bridge Scour
 Countermeasures PLANS-
 12/22/16

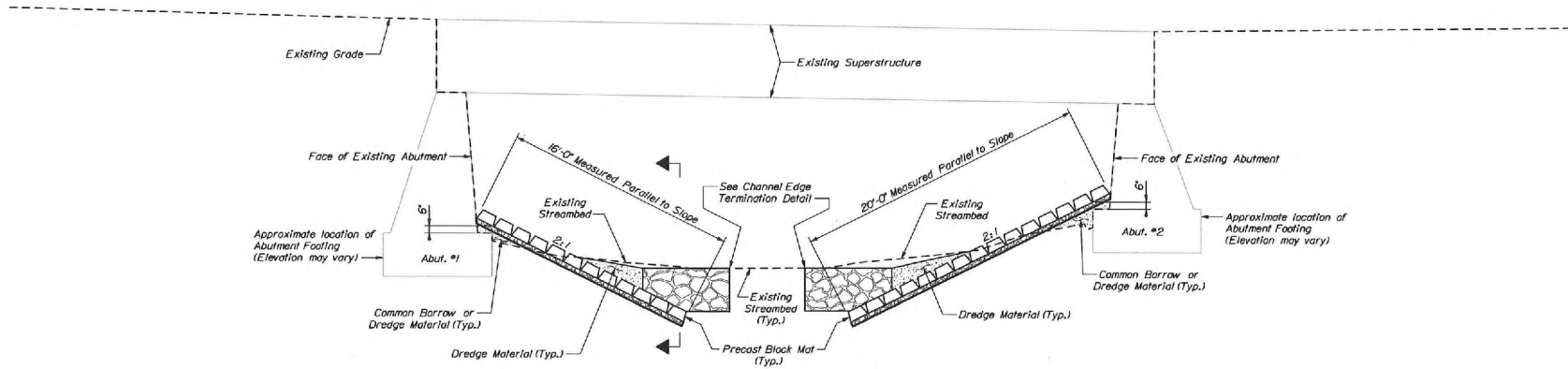


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 Avon- Valley Brook Bridge #2890
 Bridge Scour Countermeasures
 PLANS- 12/22/16

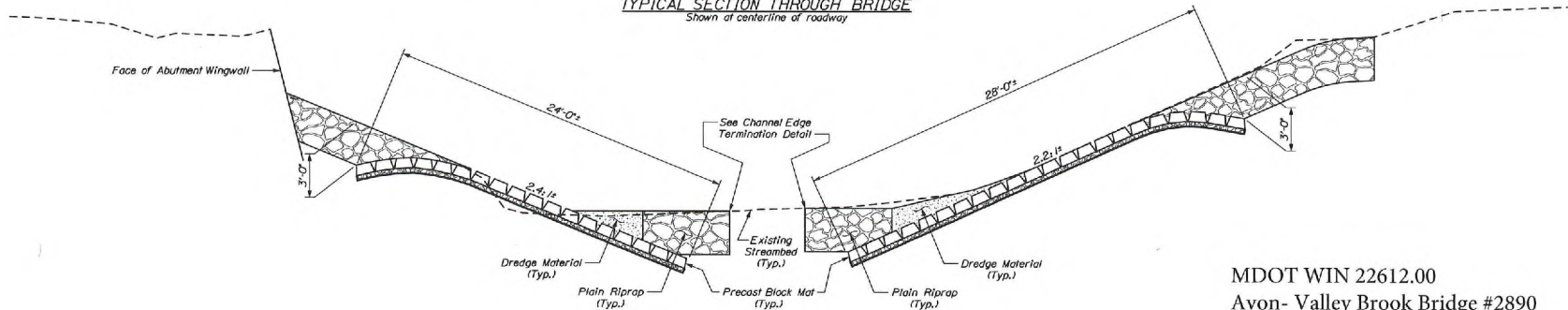
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
SHEET NUMBER		SHEET NUMBER	
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AVON		FRANKLIN COUNTY	
VALLEY BROOK BRIDGE		VALLEY BROOK	
GENERAL PLAN AND PROFILE		BRIDGE NO. 2890	
SHEET NUMBER		WIN	
3		22612.00	
OF 6		BRIDGE PLANS	
PROJ. MANAGER	M. WRIGHT	BY	DATE
DESIGN/DETAIL	J. JENSEN/D. SHIM	SIGNATURE	
CHECK/REVIEW	D. SHIM	P.E. NUMBER	
DESIGN/DETAIL	D. SHIM	DATE	
REVISION 1			
REVISION 2			
REVISION 3			
REVISION 4			
FILE CHANGES			



SECTION 27 FEET UPSTREAM
Shown through leading edge termination



TYPICAL SECTION THROUGH BRIDGE
Shown at centerline of roadway



SECTION 27 FEET DOWNSTREAM

MDOT WIN 22612.00
Avon- Valley Brook Bridge #2890
Bridge Scour Countermeasures
PLANS- 12/22/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-2261(200)

PROJ. MANAGER	N. HIGH	BY	DATE	SIGNATURE
DESIGN: DEVALD	J. HOSBRACK	SHAW		
CHECKED: REYNOLDS	D. J. SHAW			
DESIGNED: DEVALD				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

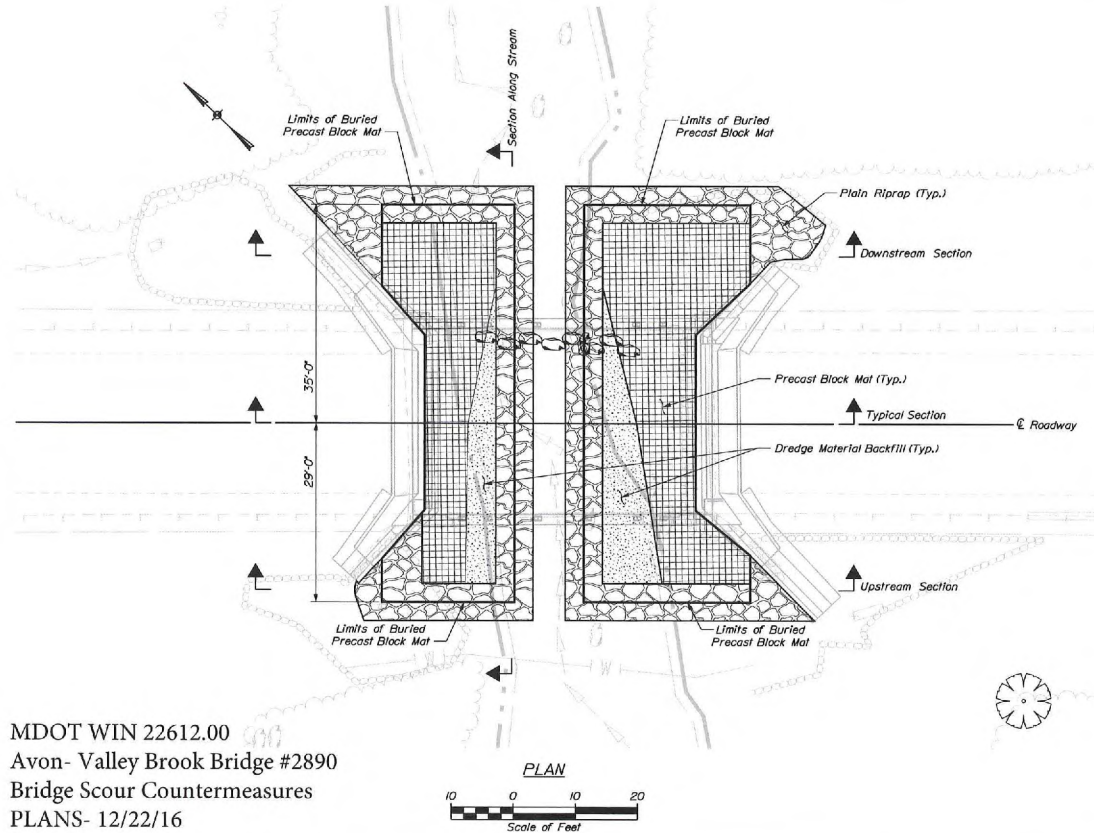
VALLEY BROOK BRIDGE
VALLEY BROOK
FRANKLIN COUNTY
AVON
STREAM SECTIONS

SHEET NUMBER

4

OF 6

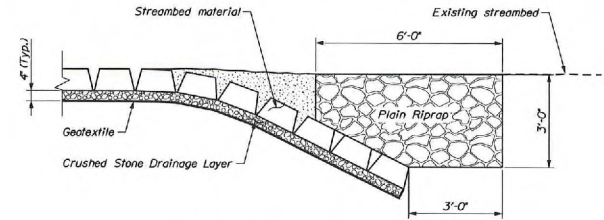
BRIDGE NO. 2890
WIN 22612.00
BRIDGE PLANS



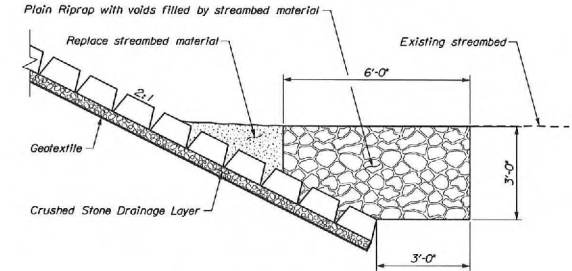
MDOT WIN 22612.00
 Avon- Valley Brook Bridge #2890
 Bridge Scour Countermeasures
 PLANS- 12/22/16

PRECAST BLOCK MAT NOTES

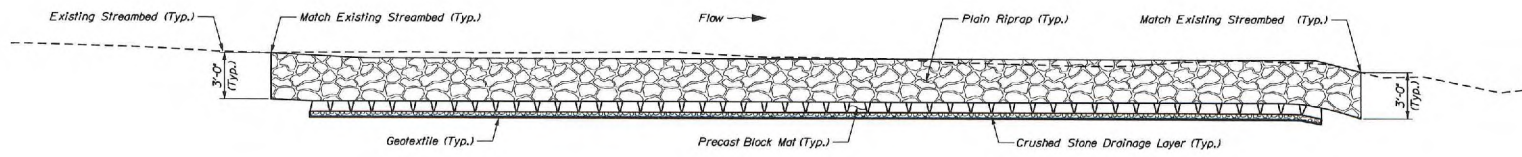
1. Precast Block Mats shall bear directly on geotextile fabric. Geotextile fabric under Precast Block Mats will be considered incidental to Pay Item 502.83.
2. The thickness of the cable mats shall be 8.5 inches.
3. The Contractor's work shall not undermine or otherwise threaten the stability of the bridge foundations or retaining wall foundations.
4. Dredge material shall be beneficially reused on site.
5. Redistribute stones removed during excavation back into streambed to recreate natural features.
6. The Crushed Stone Drainage Layer shall be 2 inch crushed stone meeting the requirements of Standard Specifications Subsection 703.31 with 3/4 inch crushed stone meeting the requirements of Standard Specifications Subsection 703.13 added as necessary to level the top surface. Payment for the drainage layer will be incidental to Pay Item 502.83.



LEADING AND TRAILING EDGE TERMINATION DETAIL



CHANNEL EDGE TERMINATION DETAIL



SECTION ALONG STREAM
 Shown through channel edge termination

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-2261(200)		WIN 22612.00	
BRIDGE NO. 2890		BRIDGE PLANS	
PROJECT MANAGER	DATE	BY	DATE
DESIGNED-DRAWN	11/18/2016	J. STAM	02/22/2016
CHECKED-REVIEWED		D. STAM	
DESIGNED-REVIEWED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
FIELD CHANGES			
VALLEY BROOK BRIDGE		FRANKLIN COUNTY	
VALLEY BROOK		AVON	
STREAM SECTIONS AND		COUNTERMEASURE DETAILS	
SHEET NUMBER		5	
		OF 6	