



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

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

PUBLIC NOTICE

Date: May 9th, 2017
Comment Period Ends: June 8th, 2017
File Number: NAE-2017-00296
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 an unnamed tributary to the Medomak River and in adjacent freshwater wetlands at Waldoboro, Maine in order to extend the up and downstream ends of an existing concrete box culvert beneath Route 1. The extensions will enable existing failing sideslopes at the Route 1 crossing to be re-constructed and stabilized for safety. The project will result in approximately 2,480 s.f. of permanent and 1,215 s.f. of temporary stream bed impact, and 1,790 s.f. of temporary wetland impact. The extensions, 15' upstream and 20' downstream, will consist of 3-sided concrete boxes with a natural bed bottom. Weirs will be placed within the existing culvert and the extensions and rock bands will be established immediately downstream of the new extension, both to facilitate fish and aquatic organism passage. Temporary fill is required for cofferdams and construction access. 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: Unnamed stream; Waldoboro, Maine. The project site is located on the USGS WALDOBORO WEST, ME quadrangle sheet at latitude 44.102279°N; and longitude -69.377969°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 project’s short-term impacts to EFH (turbidity, dewatering effects, and construction related disturbance) and long-term benefits to EFH (improved fish and aquatic organism passage) meet the terms and conditions of the February 28, 2017 EFH Programmatic Agreement with the National Marine Fisheries Service. Any consultation with the National Marine Fisheries Service regarding EFH conservation recommendations will be concluded prior to the final decision.

SECTION 106 COORDINATION: Based on his initial review, the District Engineer has determined that the proposed work is unlikely to impact properties listed in, or eligible for listing in, the National Register of Historic Places. Additional review and consultation to fulfil requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

ENDANGERED SPECIES ACT CONSULTATION: The Corps of Engineers has initiated consultation with the US Fish & Wildlife Service pursuant to Section 7 of the Endangered Species Act regarding the presence of Atlantic salmon, Atlantic salmon critical habitat, and Northern Long-Eared Bats. Consultation will be concluded prior to the final decision on this permit application.

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: Mark Bergeron, Director, Bureau of Land Resources, Department of Environmental Protection, 17 State House Station, Augusta, ME, 04333-0017 or by email to: mark.bergeron@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.

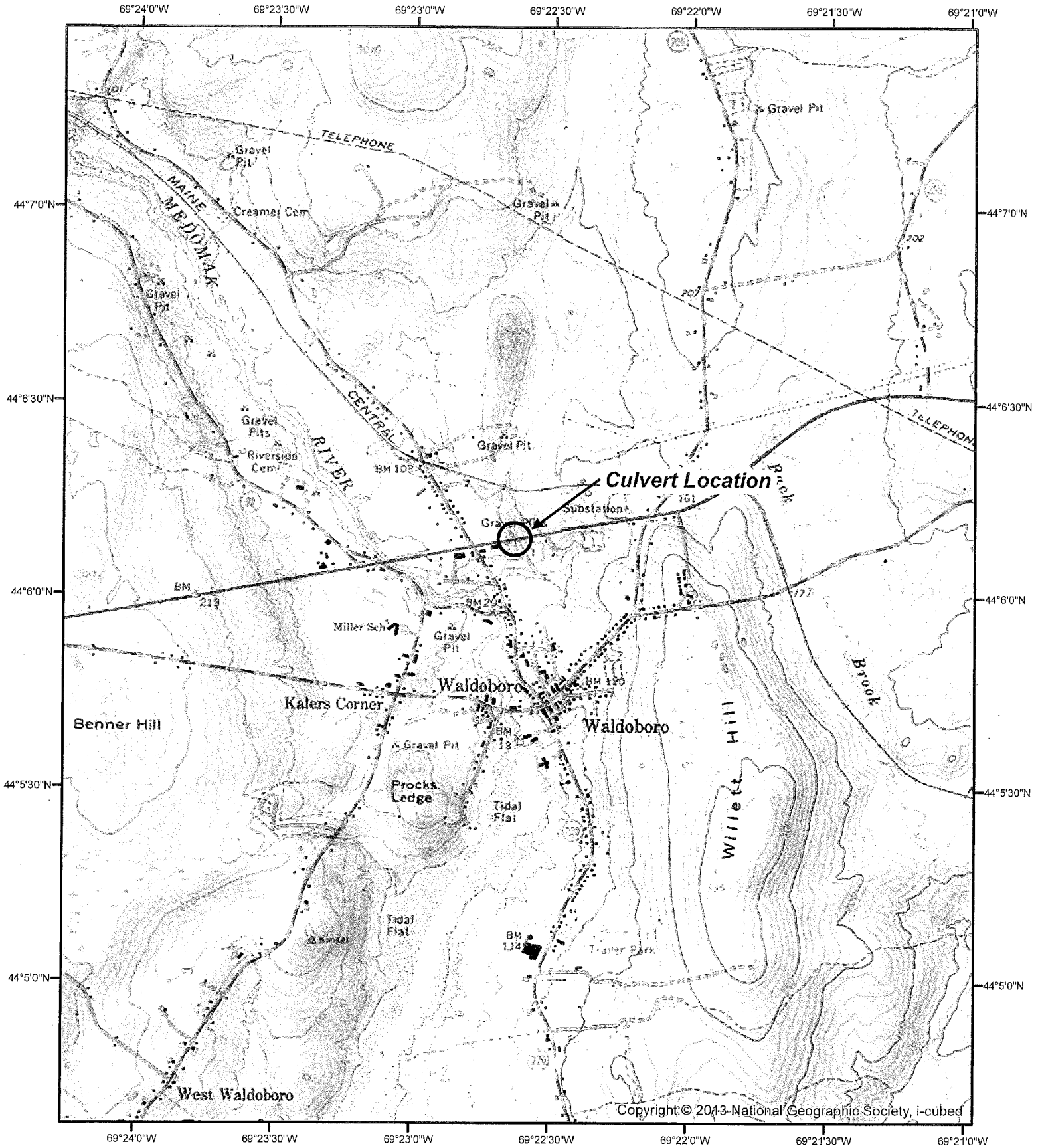
For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

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.

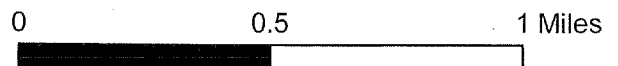
NAME: _____
ADDRESS: _____



Route 1 RCB Culvert Extension
WIN 18799.00
Waldoboro, ME (Lincoln County)

Waldoboro West, Maine USGS 24k topo map
Delorme Map 13 (E5)

44.1023 x -69.3774



STATE OF MAINE DEPARTMENT OF TRANSPORTATION

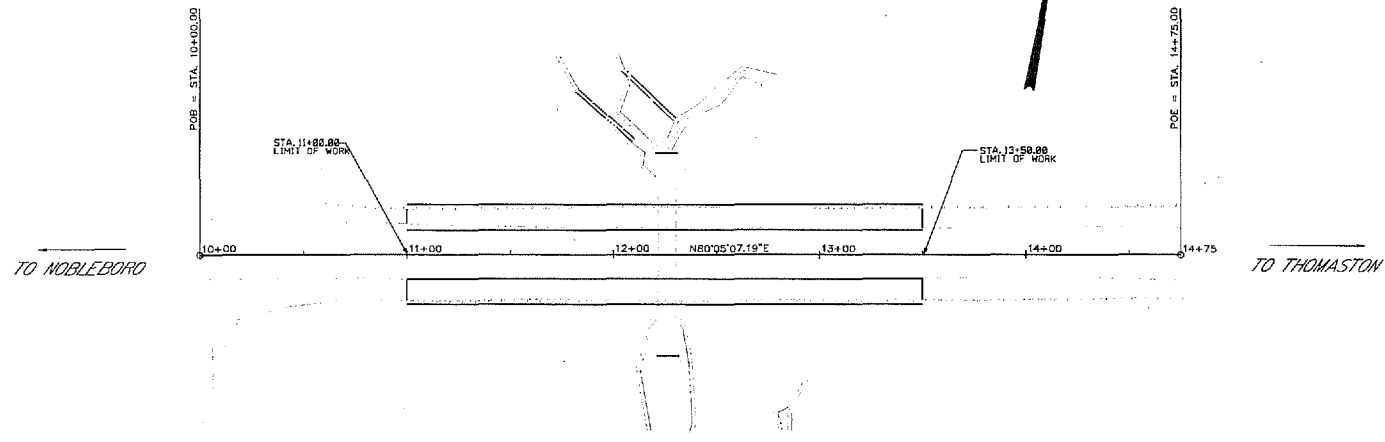


WALDOBORO LINCOLN COUNTY U.S. ROUTE 1 STATE PROJ. NO. 018799.00 PROJECT LENGTH : 0.05 MILES

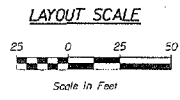
Description	Sheet No.
Title Sheet	1
General Notes	2
Typical Sections	3
Plan/Profile Sheet	4
Culvert Details	5-6
Rock Weirs and Pools	7
Cross - Sections	8-11
Boring Location and Interpretive Subsurface Profile	
Right of Way	

PLAN LEGEND	
Town, County, State	Centerline-Existing
Property Lines	Centerline-Proposed
R/W Lines-Existing	Travelway-Existing
R/W Lines-Proposed	Travelway-Proposed
Culvert-Existing	Railroad
Culvert Proposed	Catch Basins <input type="checkbox"/> Existing <input type="checkbox"/> Proposed
Curbing Existing Proposed	Manholes <input type="checkbox"/> Existing <input type="checkbox"/> Proposed
Type 1	Proposed Underdrain
Type 3	Proposed Ditch
Type 5	Existing Ditch
Outline of Bodies of Water	Utility Poles <input type="checkbox"/> Existing <input type="checkbox"/> Proposed
Ledge	Fire Hydrants <input type="checkbox"/> Existing <input type="checkbox"/> Proposed
Buildings	Existing Water Line
Trees <input type="checkbox"/> Conifer <input type="checkbox"/> Deciduous	Existing San. Sewer
Tree Line	Existing San. Sewer Manhole
Clearing Limit Line	Guardrail-Existing
	Guardrail-Proposed
	Guardrail-Cable, Other

Filename: ...ACADD FILES\STADOC...Title.dgn
 Username: common
 Division: HIGHWAY
 Date: 2/27/2007



TRAFFIC DATA	
Current (2017) AADT	13,780
Corridor Priority	1
Design Speed (mph)	35
Functional Class:	Rural Principal Arterial



<u>PROJECT LOCATION:</u>	APPROX. 0.40 MILES WEST OF THE INTERSECTION OF ROUTES 1 AND 220
<u>PROGRAM AREA:</u>	HIGHWAY PROGRAM: REGION 2
<u>SCOPE OF WORK:</u>	LARGE CULVERT REHABILITATION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED _____
 DATE _____
 COMMISSIONER _____
 CHIEF ENGINEER _____

PROJECT INFORMATION
 DESIGNER: _____
 CHECKER: _____
 PROJECT BEGIN: _____
 CHARACTER: _____
 PROJECT COMPLETE DATE: _____

PERMITTING INFORMATION
 PERMIT NUMBER: _____
 PERMIT DATE: _____
 ISSUES & RES. NO.: _____

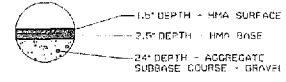
SIGNATURE: _____
 P.E. NUMBER: _____
 DATE: _____

WIN 18799.00 18799.00

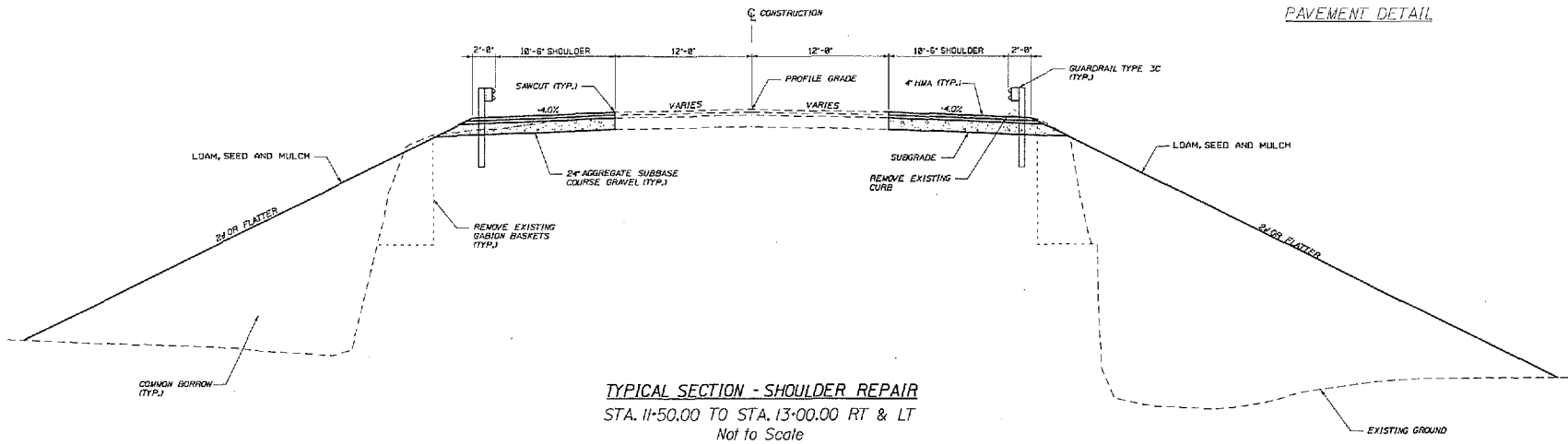
WALDOBORO
STATE ROUTE 1
TITLE SHEET

SHEET NUMBER
1
OF 11

- NOTES:
1. THE PAVEMENT AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
 2. GUARDRAIL POSTS SHALL BE 7' IN LENGTH.
 3. THE STATIONING SHOWN UNDER THE TYPICAL IS APPROXIMATE.



PAVEMENT DETAIL



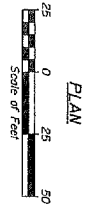
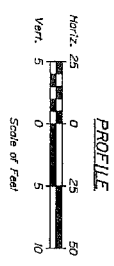
TYPICAL SECTION - SHOULDER REPAIR
 STA. 11+50.00 TO STA. 13+00.00 RT & LT
 Not to Scale

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 018799.00
 WIN
 18799.00
 HIGHWAY PLANS

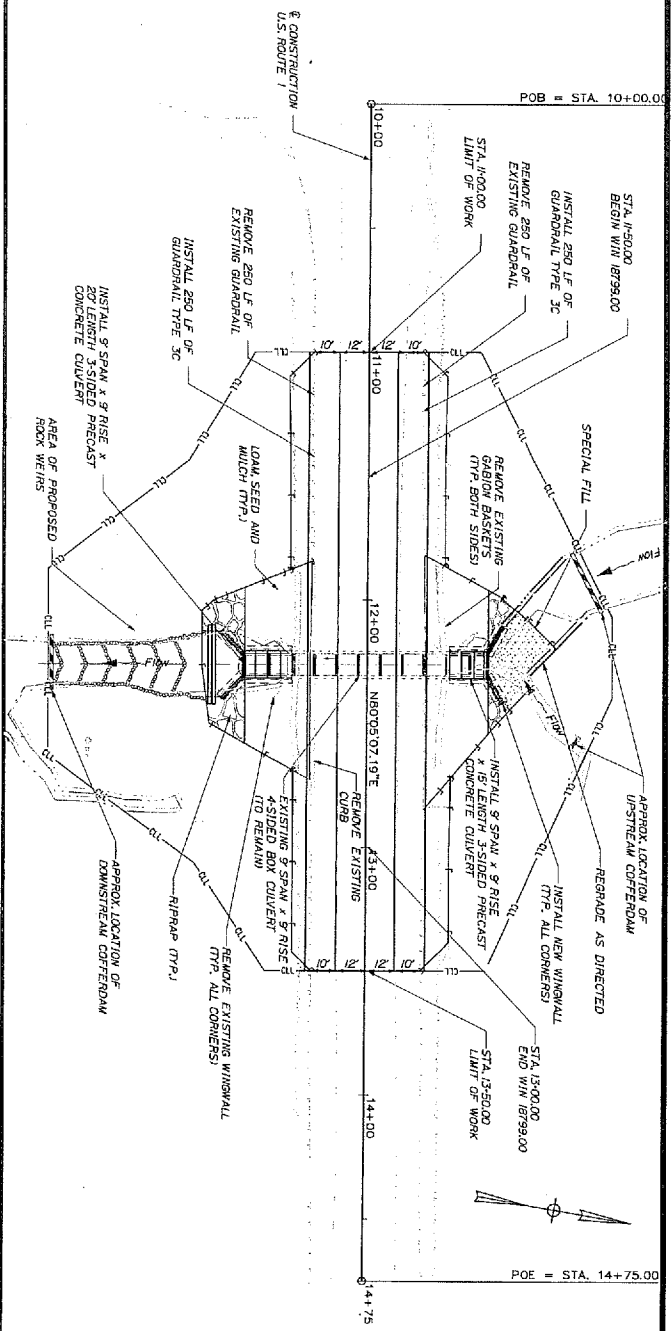
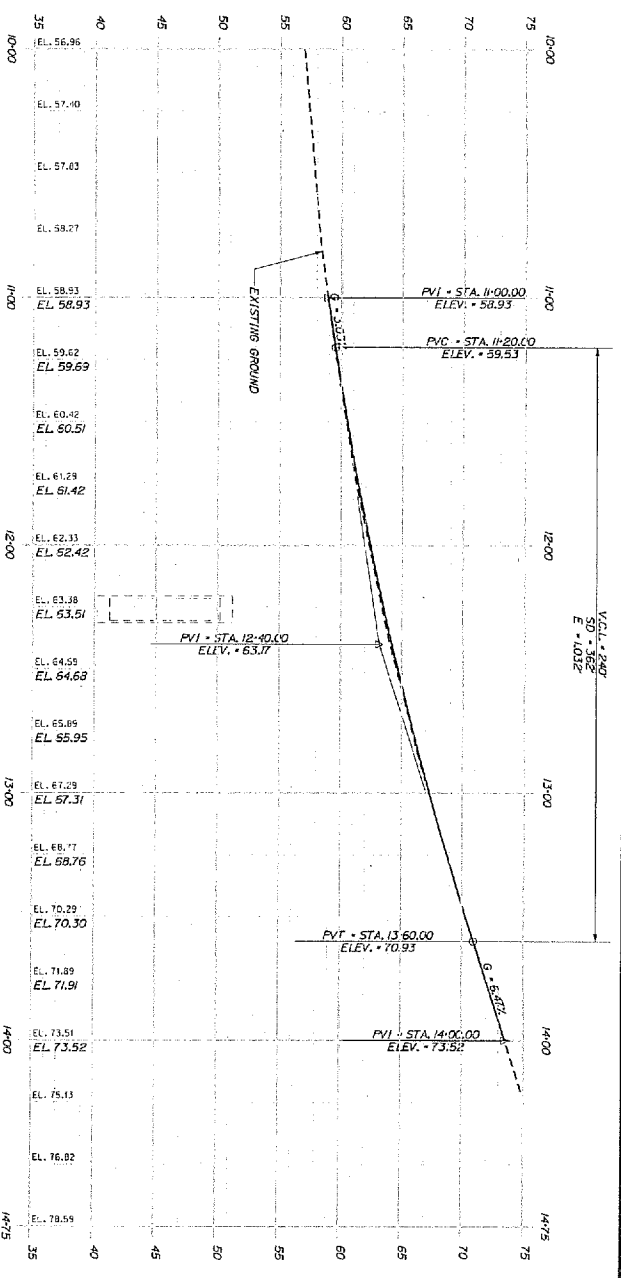
DESIGNED BY	DATE	SIGNATURE
CHECKED BY	2/27/10	
SECTION	BY	P.E. NUMBER
SECTION	CONSTRUCTION	
SECTION		DATE
SECTION		
SECTION		
SECTION		
SECTION		
SECTION		

WALDOBORO
 U.S. ROUTE 1
 TYPICAL SECTIONS

SHEET NUMBER
3
 OF 11



PROFILE

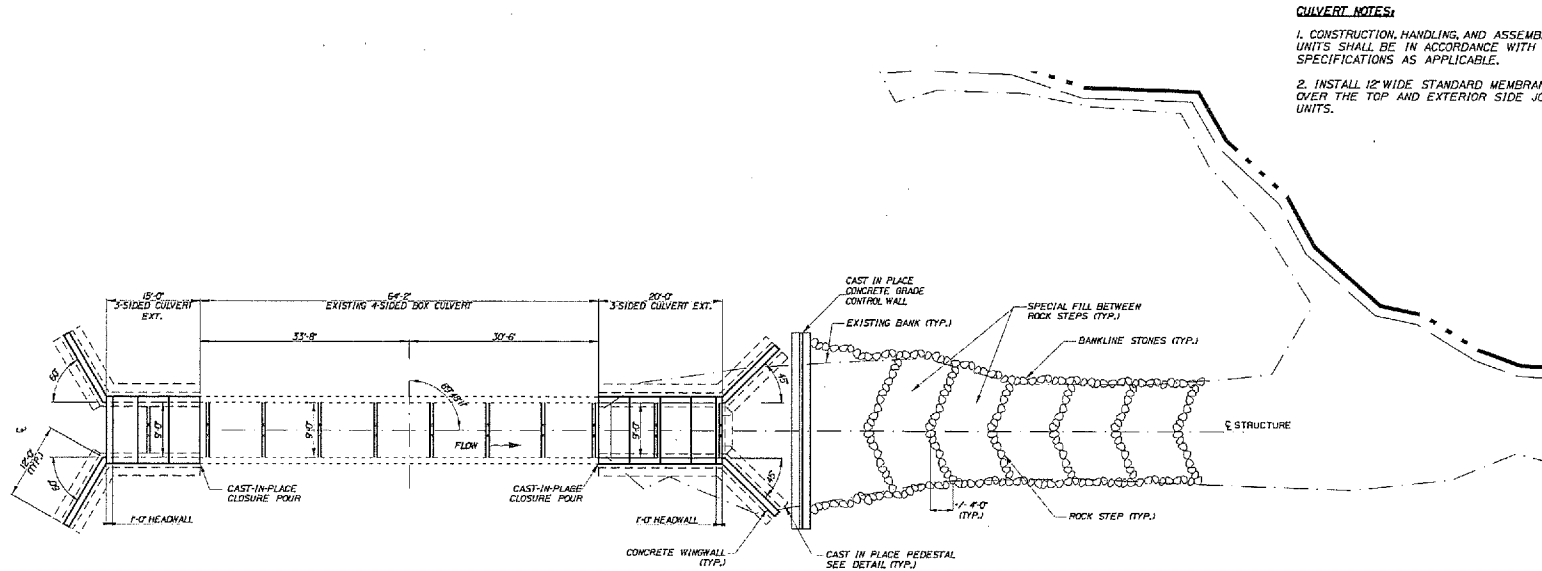


SHEET NUMBER
4
 OF 11

WALDOBORO
 U.S. ROUTE 1
PLAN / PROFILE SHEET

PROJ. NUMBER	BY	DATE	SIGNATURE
DESIGN-DATE: 01/01/17	EVANS-MONSON	2/27/2017	
CHECKED-REVIEWED: EVANS-MONSON			
DESIGN-DATE: 01/01/17			
REVISION 1			
REVISION 2			
REVISION 3			
REVISION 4			
FILE CHANGES			

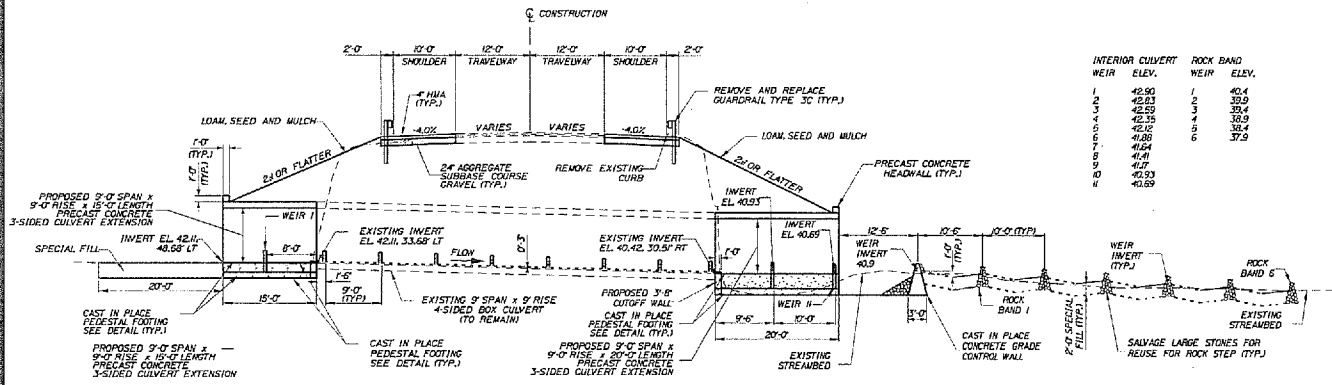
STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 018799.00
 WIN
 18799.00
 HIGHWAY PLANS



CULVERT NOTES:

1. CONSTRUCTION, HANDLING, AND ASSEMBLY OF THE PRECAST UNITS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.
2. INSTALL 12" WIDE STANDARD MEMBRANE WATERPROOFING OVER THE TOP AND EXTERIOR SIDE JOINTS OF THE PRECAST UNITS.

**PROPOSED CULVERT EXTENSION
PLAN VIEW
SCALE: 1" = 10'-0"**

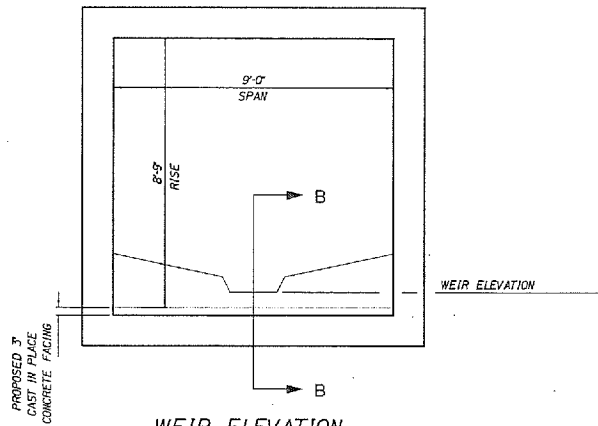


**PROPOSED CULVERT EXTENSION
PROFILE VIEW
SCALE: 1" = 10'-0"**

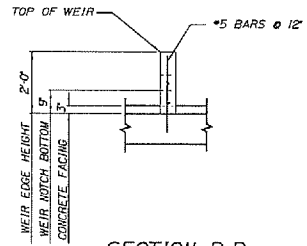
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
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WIN
18799.00
HIGHWAY PLANS

DATE	2/27/2017
SIGNATURE	
P.E. NUMBER	
DATE	

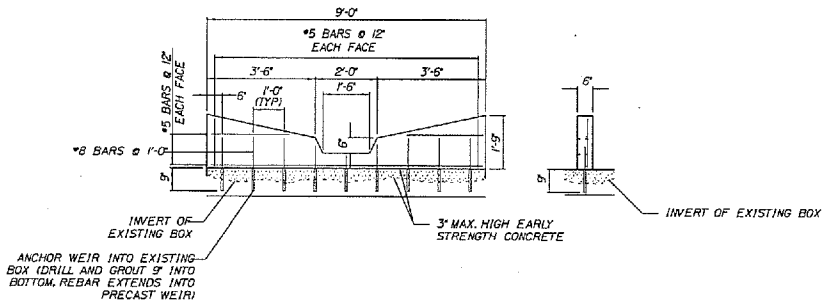
WALDOBORO
U.S. ROUTE 1
CULVERT DETAILS



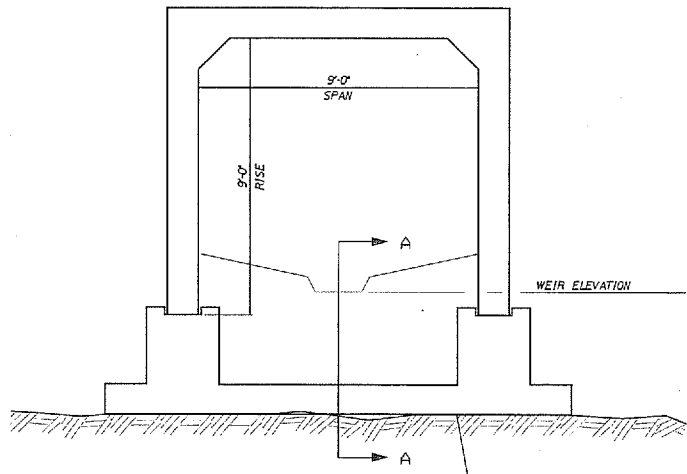
**WEIR ELEVATION
IN EXISTING BOX**



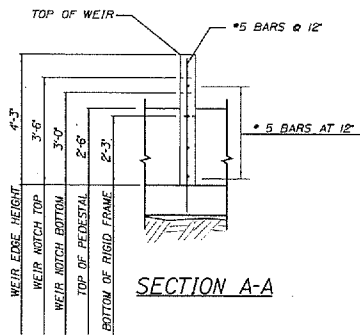
SECTION B-B



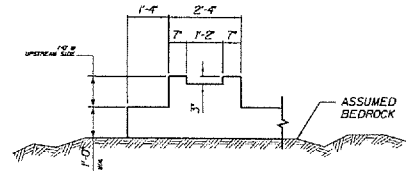
**INTERIOR WEIR IN EXISTING BOX
DETAIL**



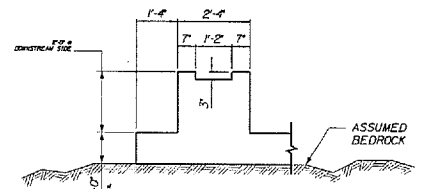
**WEIR ELEVATION
IN PROPOSED EXTENSION**



SECTION A-A



**CAST IN PLACE PEDESTAL
DETAIL UPSTREAM**



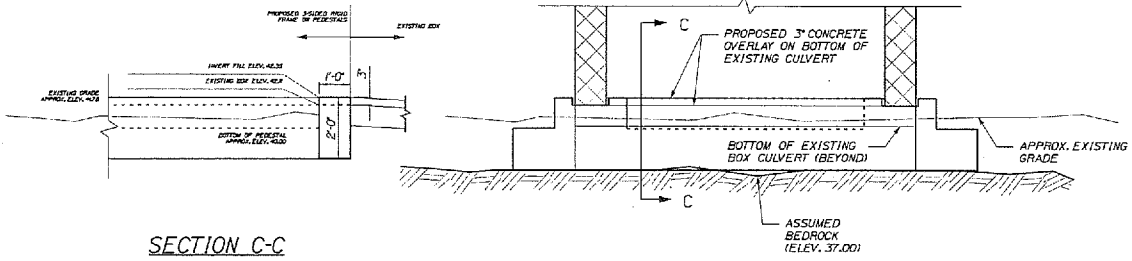
**CAST IN PLACE PEDESTAL
DETAIL DOWNSTREAM**

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
018799.00
WIN
18799.00
HIGHWAY PLANS

PROJECT NUMBER	DATE
IN CHARGE	BY
DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE	DATE
REVISION 1	DATE
REVISION 2	DATE
REVISION 3	DATE
REVISION 4	DATE
REVISION 5	DATE

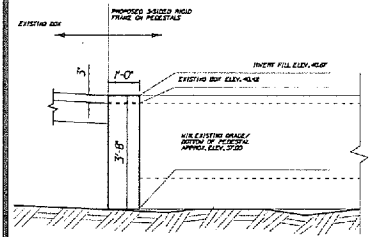
WALDOBORO
U.S. ROUTE 1
CULVERT DETAILS

SHEET NUMBER
6
OF 11



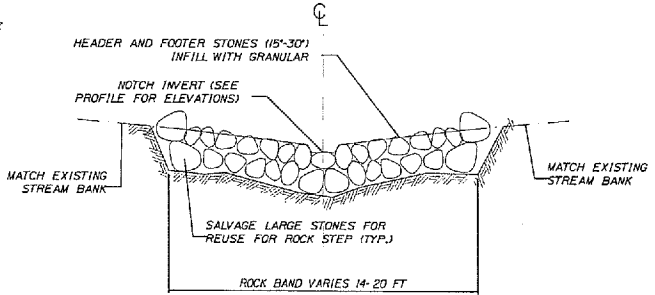
SECTION C-C

CUT OFF WALL - UPSTREAM

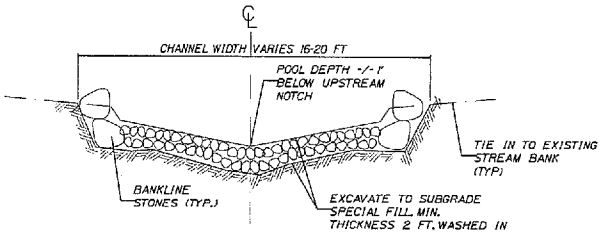


SECTION D-D

CUT OFF WALL - DOWNSTREAM



DOWNSTREAM ROCK BAND DETAIL
Not to Scale



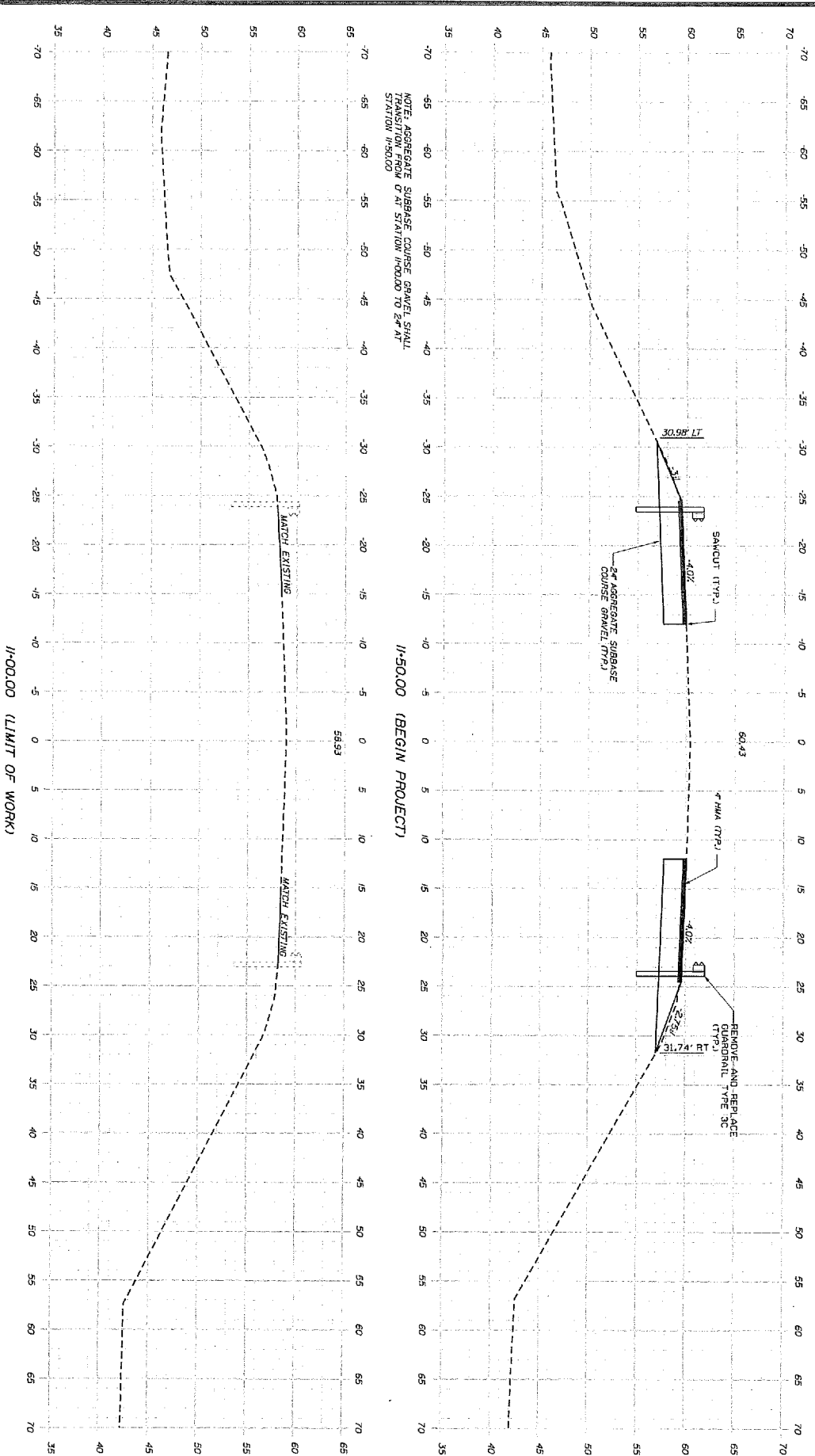
DOWNSTREAM DETAIL BETWEEN ROCK BANDS
Not to Scale

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
018799.00
WIN 18799.00
HIGHWAY PLANS

PROJECT NUMBER	DATE
CONTRACT NUMBER	BY
DESIGN DIVISION	DATE
DESIGN SCALE	BY
REVISION 1	DATE
REVISION 2	DATE
REVISION 3	DATE
SCALE	DATE

WALDOBORO
U.S. ROUTE 1
CUTOFF WALLS, ROCK WEIRS

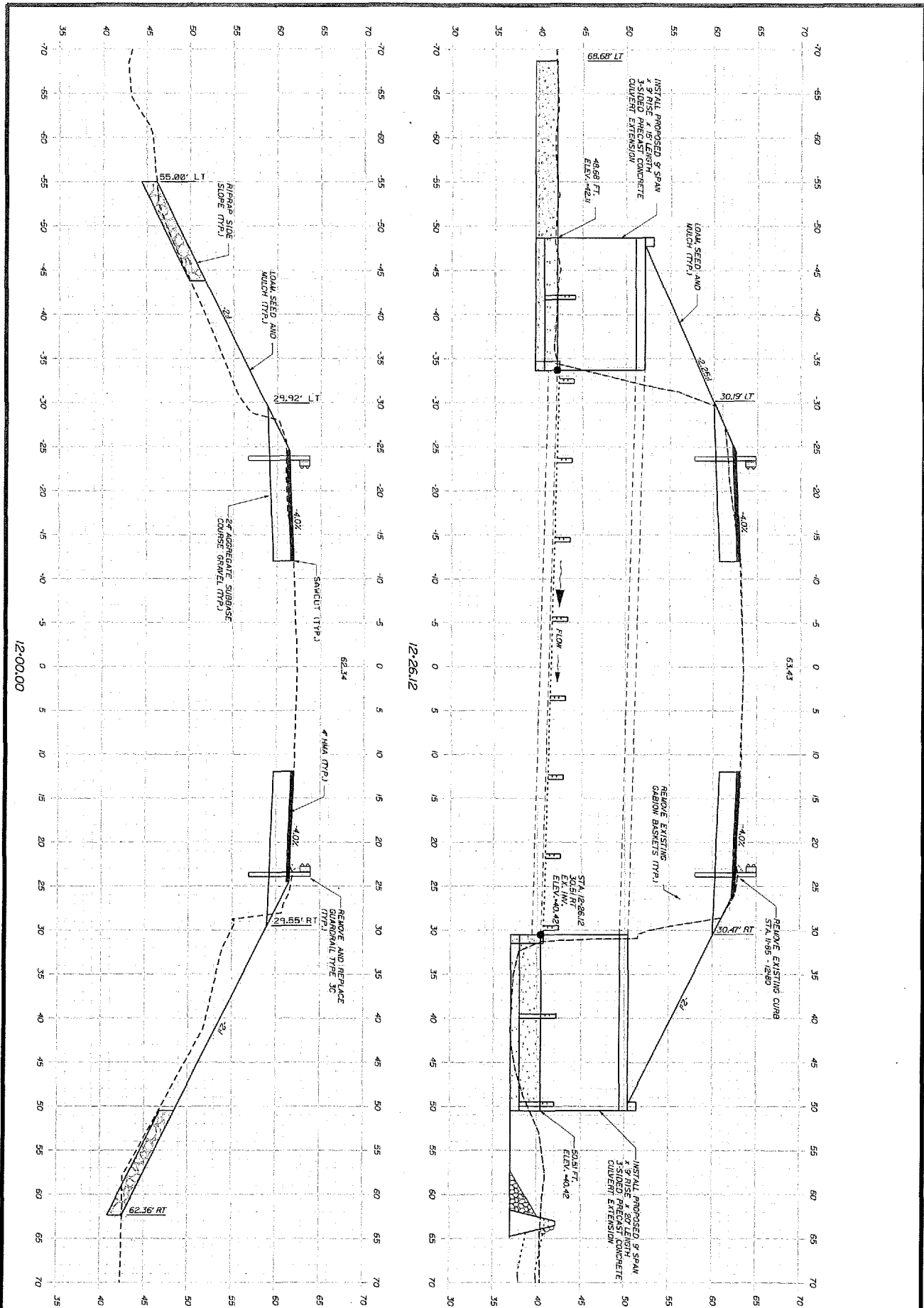
SHEET NUMBER
7
OF 11



I-0000 (LIMIT OF WORK)

I-5000 (BEGIN PROJECT)

SHEET NUMBER 8 OF 11	WALDOBORO U.S. ROUTE 1 CROSS-SECTIONS	PROJ. MANAGER: M. HODDGE DESIGN DETAIL: V. BORN CHECKED: MELVIN W. EVANS-HUMPHREY DESIGN DETAIL: [] REVISIONS: 1 REVISIONS: 2 REVISIONS: 3 REVISIONS: 4 FIELD CHANGES:	DATE: 2/27/2017 SIGNATURE: _____ P.E. NUMBER: _____ DATE: _____	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 018799.00 WIN 18799.00 HIGHWAY PLANS

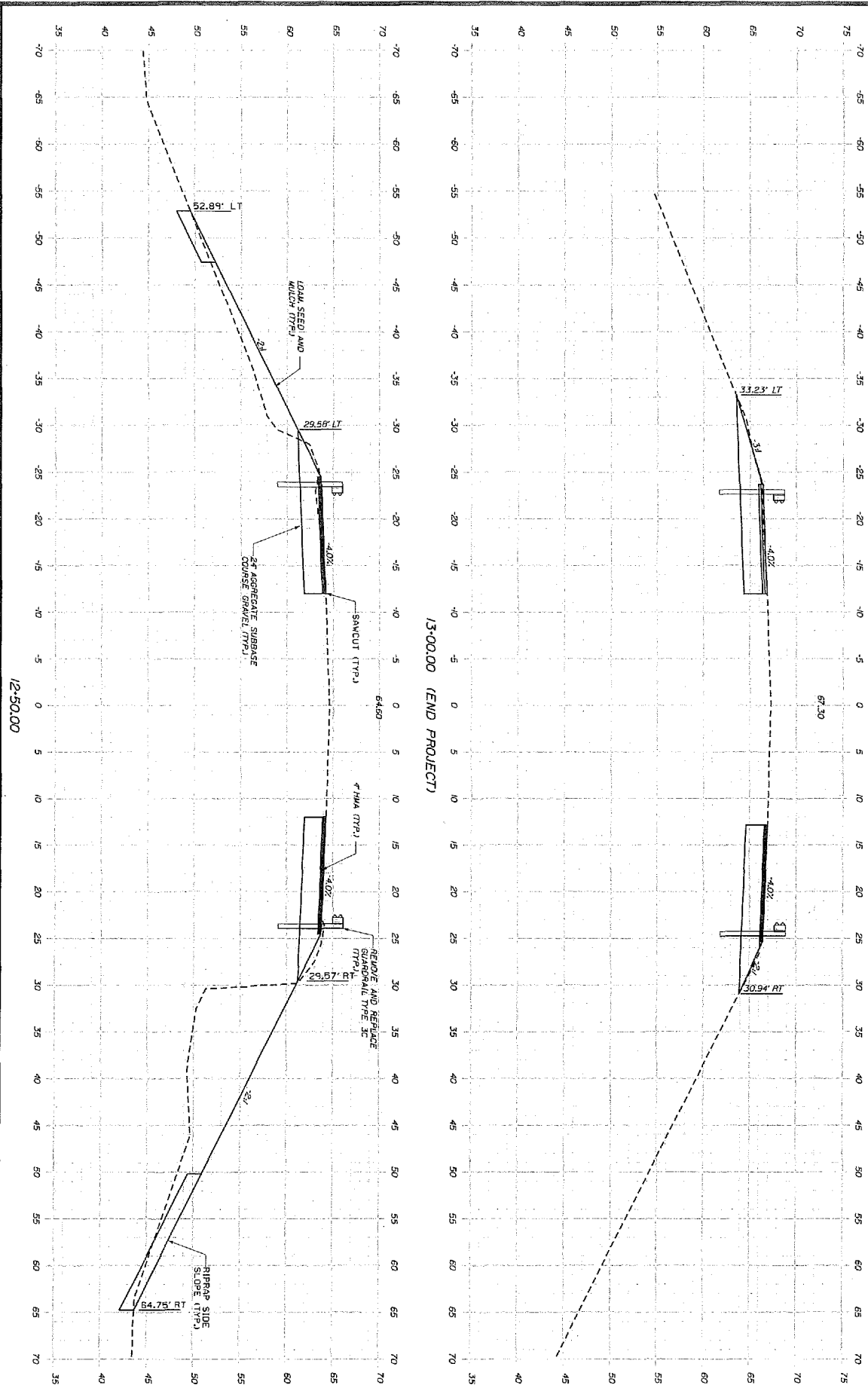


12-00.00

12-26.12

SHEET NUMBER 9 OF 11	WALDOBORO U.S. ROUTE 1 CROSS-SECTIONS	PROJ. NUMBER: H 000000 DESIGNED: EVANS-MONROE CHECKED: EVANS-MONROE DRAWING: 2/27/2017 REVISIONS: 1 REVISIONS: 2 REVISIONS: 3 REVISIONS: 4 FIELD CHANGES	BY: [Signature] DATE: 2/27/2017 SIGNATURE: [Signature] P.E. NUMBER: [Blank] DATE: [Blank]	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 018799.00 WIN 18799.00 HIGHWAY PLANS

NOTE: AGGREGATE SUBBASE COURSE GRAVEL SMALL
 2 1/2" MAXIMUM SIZE
 STATION 13+50.00



12+50.00

13+00.00 (END PROJECT)

SHEET NUMBER 10 OF 11	WALDOBORO U.S. ROUTE 1 CROSS-SECTIONS	PROJ. MANAGER: N. SPANNAK DESIGNED BY: J. BROWN CHECKED BY: EVANS-MORSE, JR. DESIGNED BY: J. BROWN CHECKED BY: EVANS-MORSE, JR. DATE: 2/27/2017 DATE: 2/27/2017	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 018799.00 WIN 18799.00 HIGHWAY PLANS
	SIGNATURE: _____ P.E. NUMBER: _____ DATE: _____		