



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

**Maine Project Office**  
442 Civic Center Drive, Suite 350  
Augusta, Maine 04330

# PUBLIC NOTICE

**Date: 19 February 2019**  
**Comment Period Ends: 21 March 2019**  
**File Number: NAE-2019-00029**  
**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 high tide line and ordinary high water mark of Souadabscook Stream at Hampden, Maine in order to replace the existing deteriorated Route 1 bridge. The project will result in approximately 1,460 s.f. of permanent and 9,870 s.f. of temporary stream bed impact. This work is designed to maintain critical transportation infrastructure, insure public safety, and protect the economic vitality of Maine's transportation network.

**WATERWAY AND LOCATION OF THE PROPOSED WORK:** Route 1 crossing of Souadabscook Stream; Hampden, Maine. The project is located at latitude 44.748829°N; and longitude -68.832413°W, on the USGS HAMPDEN, ME quadrangle sheet.

### **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 ledge, 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 the 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 fulfill requirements under the Historic Preservation Act as part of the permit review process.

**ENDANGERED SPECIES ACT CONSULTATION:** FHWA has initiated consultation with the National Marine Fisheries Service and the US Fish & Wildlife Service pursuant to Section 7 of the Endangered Species Act regarding the presence of Atlantic salmon, Atlantic salmon critical habitat, Atlantic sturgeon, Atlantic sturgeon critical habitat, shortnose sturgeon, and Northern Long-Eared Bats. 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 replacement bridge structure will also require approval or exemption from the US Coast Guard. For information concerning their decision criteria, please contact First Coast Guard District (dpb), Battery Bldg, Room 301, 1 South Street, New York, NY 10004-1466.

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](mailto: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 Augusta, 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.

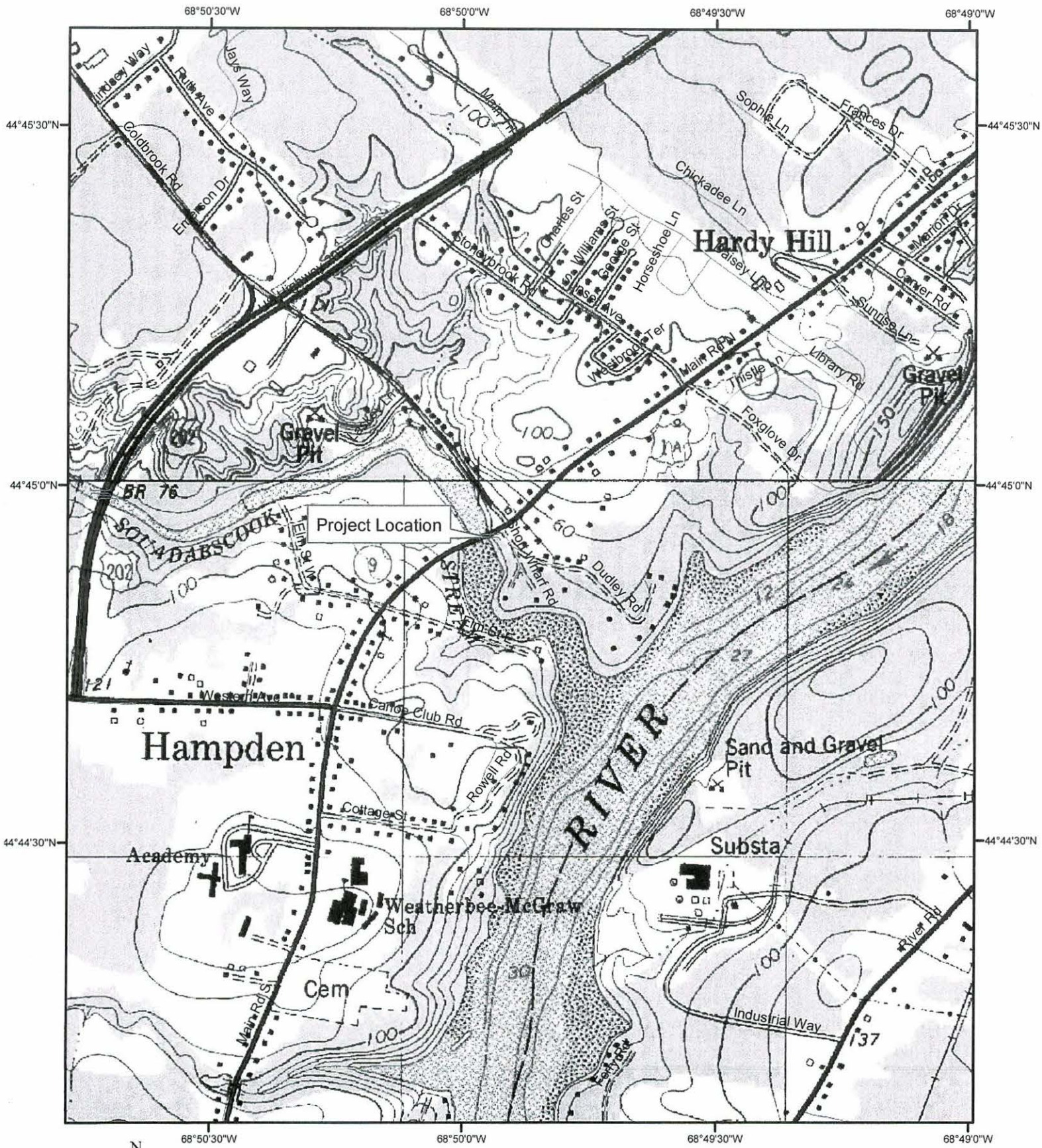
For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

**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](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: \_\_\_\_\_



0 180 360 720 1,080 1,440 Feet

Project Location Map - Grist Mill Bridge Replacement  
 MaineDOT WIN# 21692.00 - Hampden - Route 1A  
 Project Location: 44.748829, -68.832413

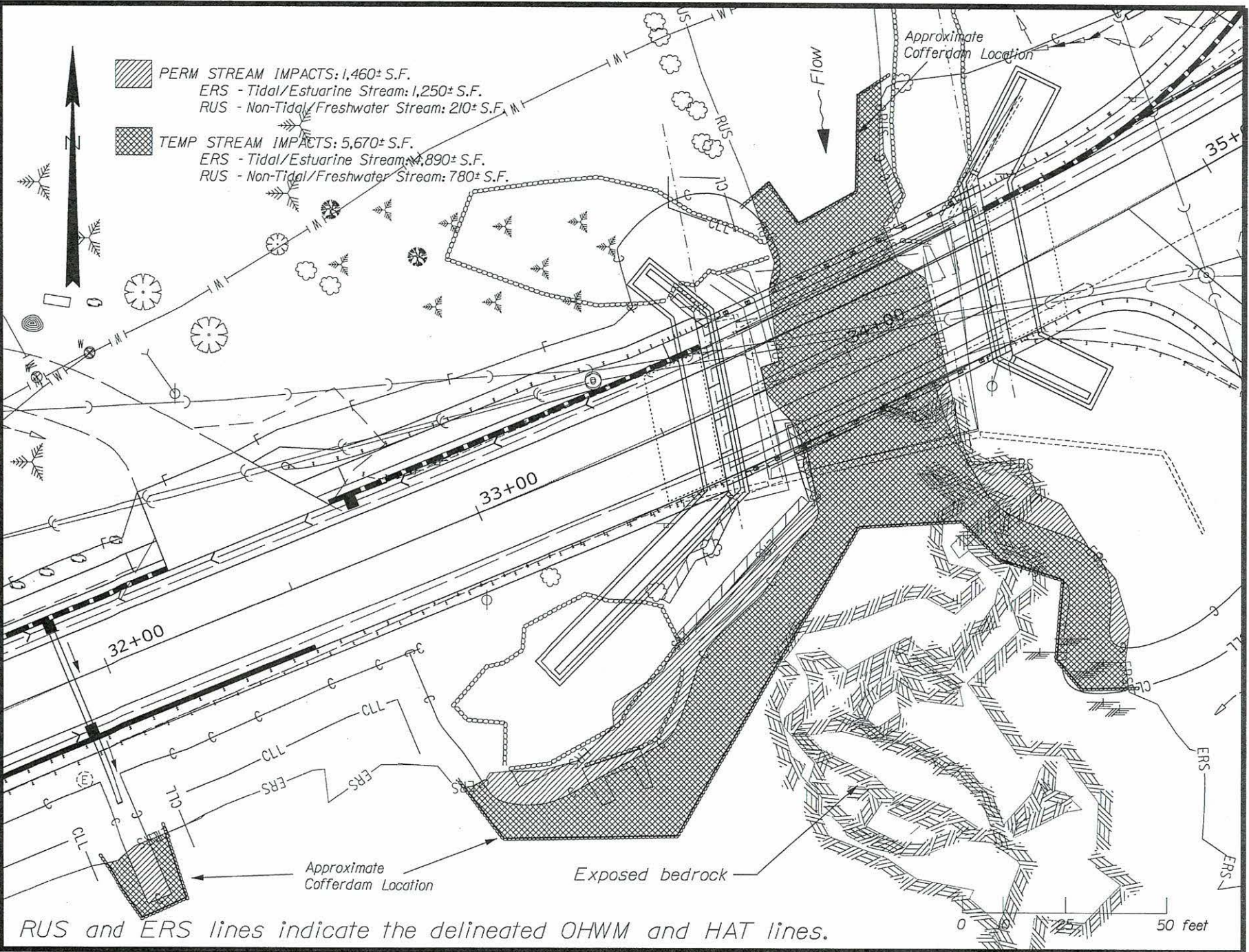
WIN# 11577.00  
WIN# 21692.00

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

ROUTE 1A  
PENOBSCOT  
HAMPDEN

PLANS

SHEET NUMBER  
**1**  
OF 1

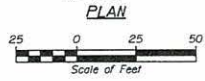
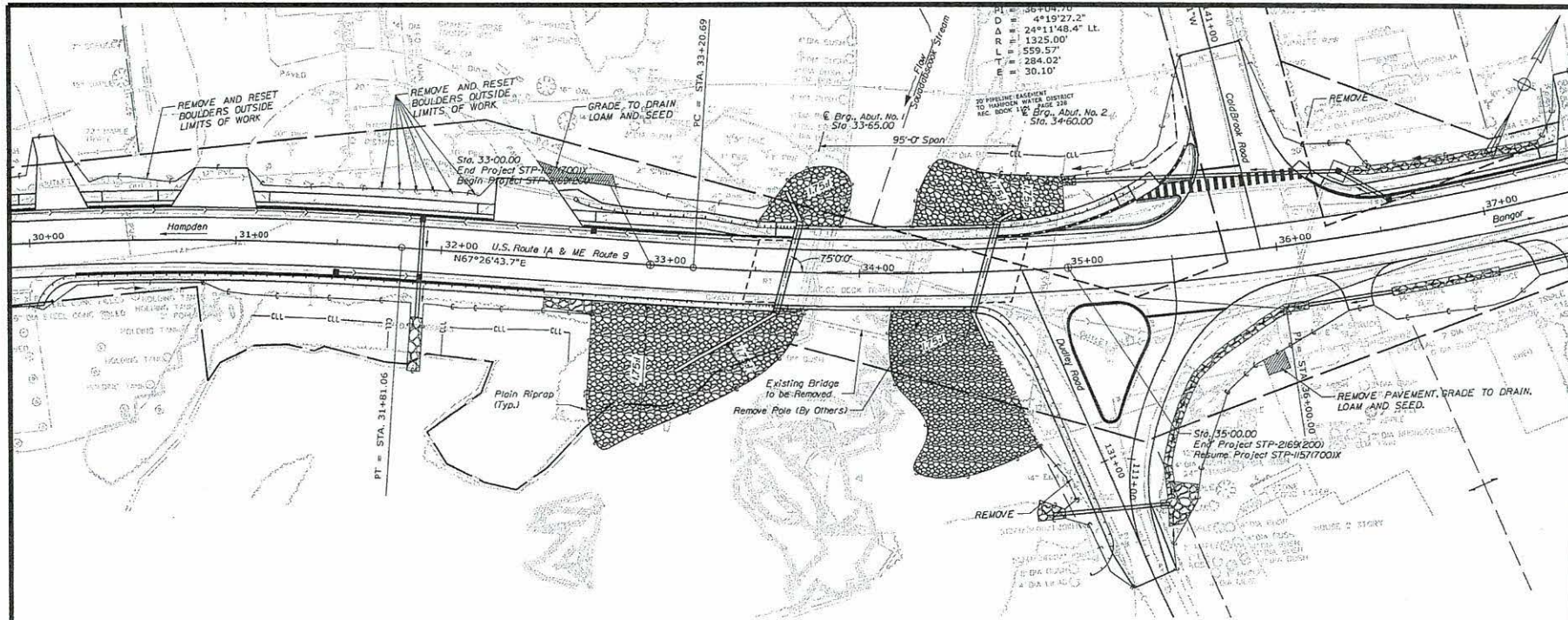


Date: 9/17/2017

User: rmet

Division: HIGHWAY

Filename: ... \00\BRIDGE\WSTA1001\_Plan.dgn



**SPECIFICATIONS**

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Seventh Edition and Interim Specifications through 2016.

**DESIGN LOADING**

Live Load ..... HL - 93 Modified for Strength I (Truck Only Increased 25%)

**PROJECT LOCATION**

Grist Mill Bridge (#2334) over Souadabscook Stream.  
 Located 0.21 Miles North of Elm St.  
 Latitude 44°44'56"N Longitude 68°49'57"W

**PROGRAM AREA**

Bridge

**SCOPE OF WORK**

Bridge Replacement

**MAINTENANCE OF TRAFFIC**

Close Road, Maintain Traffic on Offsite Detour.

**UTILITIES**

- Fairpoint Communications
- Bangor Hydro
- Time Warner Cable
- Hampden Telephone
- Oxford Networks
- Hampden Water District
- Hampden Sewer

**TRAFFIC DATA**

|   |       |
|---|-------|
| Current (2014) AADT .....                 | 7,070 |
| Future (2034) AADT .....                  | 8,480 |
| DHV - % of AADT .....                     | 11%   |
| Design Hour Volume .....                  | 933   |
| Heavy Trucks (% of AADT) .....            | 8%    |
| Heavy Trucks (% of DHV) .....             | 5%    |
| Directional Distribution (% of DHV) ..... | 60%   |
| 18 kip Equivalent P 2.0 .....             | 526   |
| 18 kip Equivalent P 2.5 .....             | 501   |
| Design Speed (mph) .....                  | 25    |

**HYDROLOGIC DATA**

|                                  |           |
|----------------------------------|-----------|
| Drainage Area .....              | 153 sq mi |
| Design Discharge (Q50) .....     | 5,559 cfs |
| Check Discharge (Q100) .....     | 6,259 cfs |
| Headwater Elevation (Q50) .....  | 14.7 ft   |
| Headwater Elevation (Q100) ..... | 15.4 ft   |
| Discharge Velocity (Q50) .....   | 16.2 fps  |
| Discharge Velocity (Q100) .....  | 16.8 fps  |

**MATERIALS**

- Concrete:
  - All ..... Class "A"
- Reinforcing Steel:
  - Substructure ..... ASTM A 615, Grade 60
  - Superstructure ..... ASTM A 955, Grade 60
- Structural Steel:
  - All Material (except as noted) ..... ASTM A 709, Grade 50W (unpainted)
  - High Strength Bolts ..... ASTM A 325, Type 3

**BASIC DESIGN STRESSES**

- Concrete (Class "A") ..... f'c = 4,000 psi
- Reinforcing Steel ..... f<sub>y</sub> = 60,000 psi
- Structural Steel:
  - ASTM A 709, Grade 50W ..... F<sub>y</sub> = 50,000 psi
  - ASTM A 325 ..... F<sub>u</sub> = 120,000 psi

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 STP-2169(200)  
 WIN  
 021692.00  
 BRIDGE NO. 2334  
 BRIDGE PLANS

| FIG. NUMBER    | DATE | BY | REVISION |
|----------------|------|----|----------|
| DESIGN (SCALE) |      |    |          |
| REVISIONS 1    |      |    |          |
| REVISIONS 2    |      |    |          |
| REVISIONS 3    |      |    |          |
| REVISIONS 4    |      |    |          |
| REVISIONS 5    |      |    |          |

SIGNATURE \_\_\_\_\_  
 P.E. NUMBER \_\_\_\_\_  
 DATE \_\_\_\_\_

GRIST MILL BRIDGE  
 OVER SOUADABSCOOK STREAM  
 HAMPDEN  
 PENOBSCOT COUNTY  
**PRELIMINARY PLAN**  
 SHEET NUMBER

**1**

OF 03

TYLINT INTERNATIONAL

| DATE | P.E. NUMBER | SIGNATURE |
|------|-------------|-----------|
|      |             |           |
|      |             |           |
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GRIST MILL BRIDGE  
OVER SOUADABCOOK STREAM  
PENOBSCOT COUNTY  
HAMPDEN

