



**US Army Corps
of Engineers®**

New England District

Maine Project Office

442 Civic Center Drive, Suite 350

Augusta, Maine 04330

PUBLIC NOTICE

Date: November 23, 2021

Comment Period Ends: December 23, 2021

File Number: NAE-2021-02324

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 mark of the Stillwater River at Old Town, Maine in order to replace the two existing Stillwater Avenue bridges. The combined replacements will result in approximately 14,015 s.f. of permanent and 15,905 s.f. of temporary riverbed impact. A two-lane temporary detour bridge will be located upstream in order to maintain traffic flow during construction.

WATERWAY AND LOCATION OF THE PROPOSED WORK: Stillwater Avenue crossing of the Stillwater River at Old Town, Maine. The project is located at latitude 44.912060°N; and longitude – 68.684710°W, on the USGS OLD TOWN, 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 and gravel. The Federal Highway Administration (FHWA) has consulted 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 on this project.

SECTION 106 COORDINATION: Although the 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. The 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: The FHWA has consulted 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 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 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: Nick Livesay, Director, Bureau of Land Resources, Department of Environmental Protection, 17 State House Station, Augusta, ME, 04333-0017 or by email to: Nick.Livesay@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**

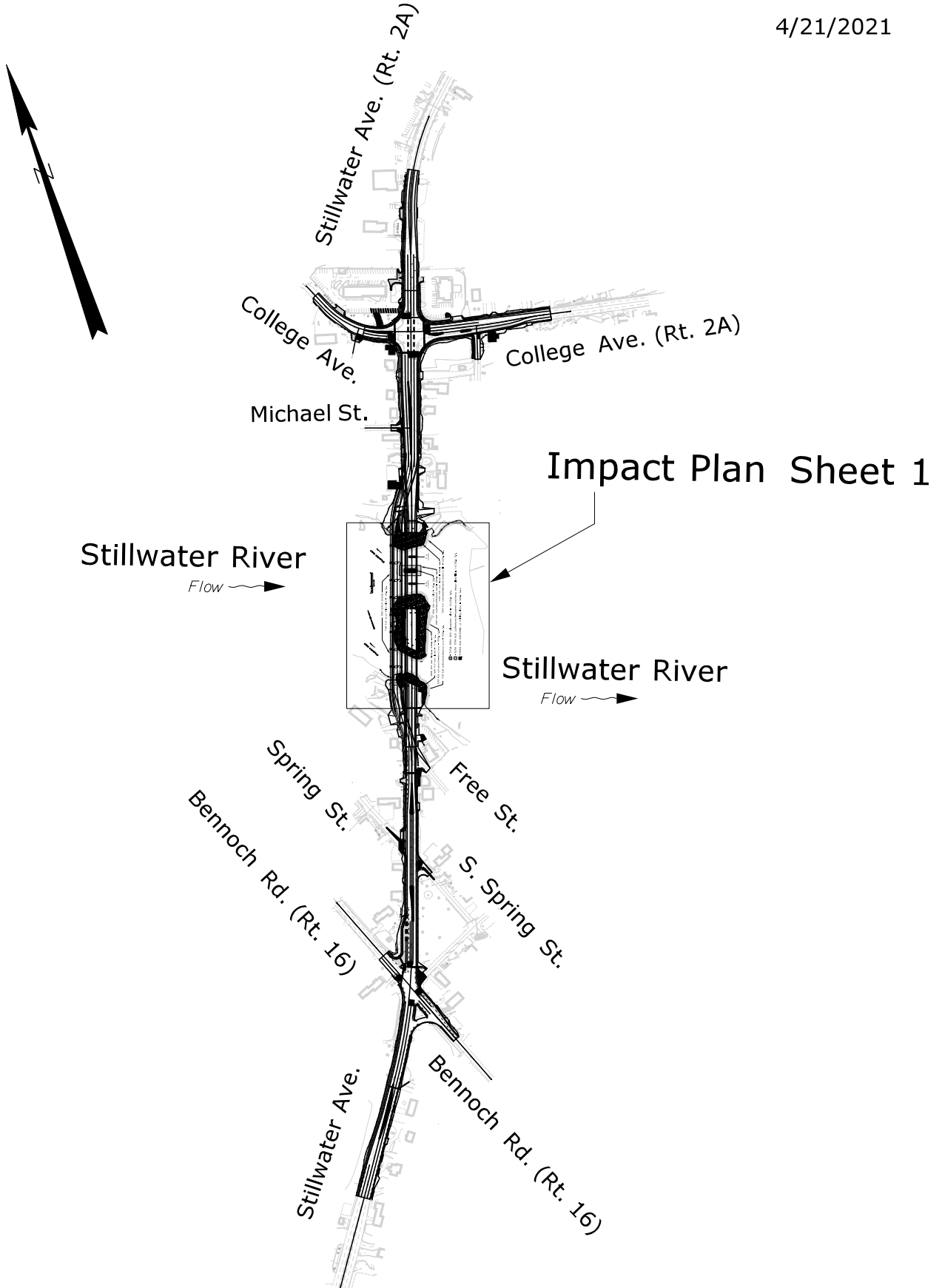
If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers,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

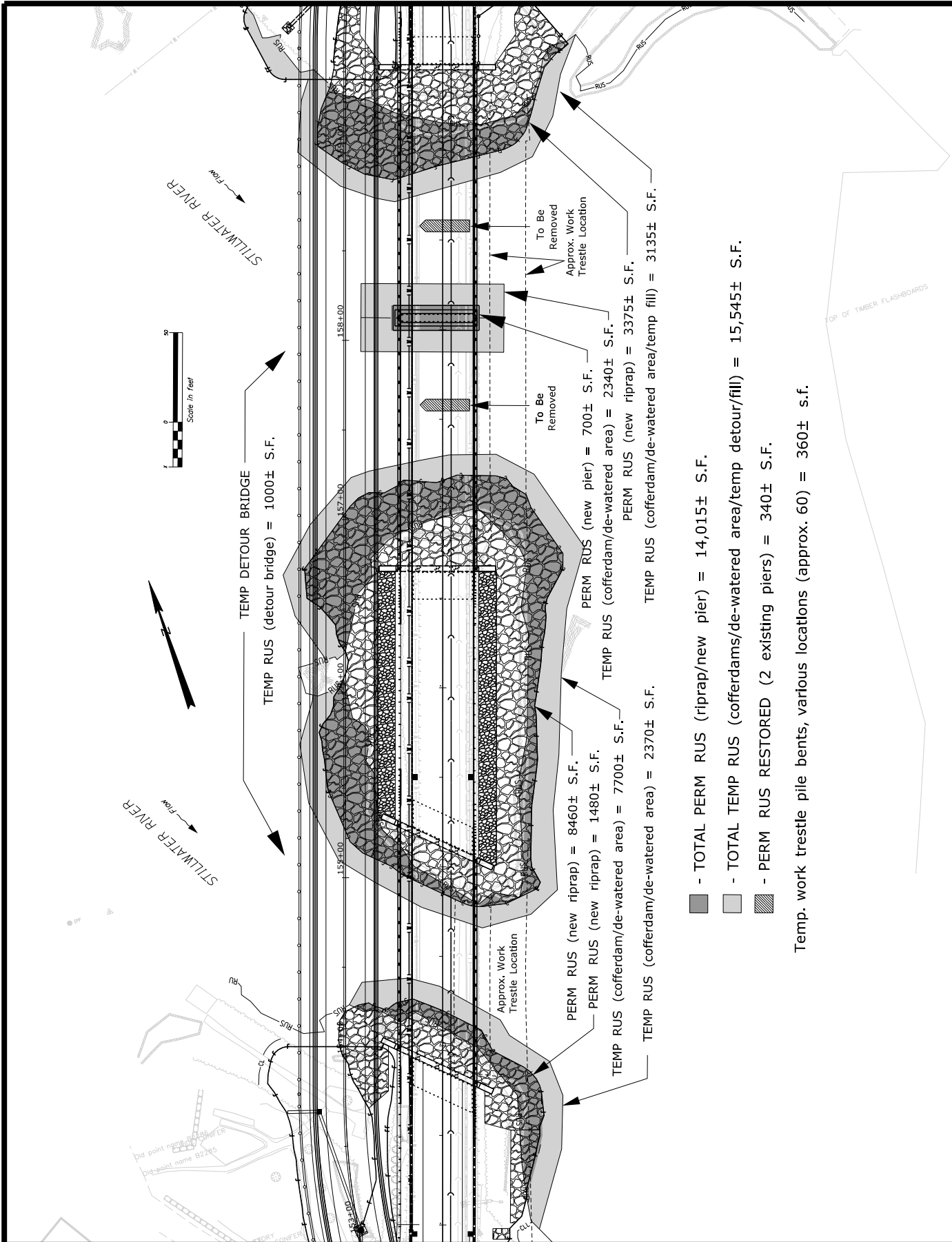
NAME: _____
ADDRESS: _____

Old Town - Stillwater Bridges

WIN 22511.00 / 22512.00

4/21/2021





<p>STATE OF MAINE DEPARTMENT OF TRANSPORTATION</p>	<p>Stillwater Ave OLD TOWN PENOBSCOT COUNTY</p>	<p>SHEET NUMBER 1</p>
<p>22511.00 & 22512.00</p>	<p>PLANS</p>	<p>OF1</p>

Date:5/12/2021

Username: kwentworth

Division: HIGHWAY

Filename: ... \00\BRIDGE\MSTA\001_Title.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



PLANS PREPARED BY:



500 Southborough Drive, Suite 105B
South Portland, Maine 04106

SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Ninth Edition 2020.

DESIGN LOADING

Live Load HL - 93 Maine Modified for Strength I

TRAFFIC DATA

Current (2023) AADT 16360
Future (2043) AADT 18000
DHV - % of AADT 11%
Design Hour Volume 1907
% Heavy Trucks (AADT) 5%
% Heavy Trucks (DHV) 3%
Directional Distribution (DHV) 51%
18 kip Equivalent P 2.0 339
18 kip Equivalent P 2.5 323
Design Speed (mph) 25
Functional Class Minor Arterial
Highway Corridor Priority 2

HYDROLOGIC DATA

Drainage Area 326 sq mi
Design Discharge (Q50) 43,050 cfs
Check Discharge (Q100) 52,540 cfs
Headwater Elevation (Q1.1) 93.7 ft
Headwater Elevation (Q25) 98.4 ft
Headwater Elevation (Q50) 98.6-98.7 ft
Headwater Elevation (Q100) 100.2-100.3 ft
Discharge Velocity (Q1.1) 5.6-5.9 fps
Discharge Velocity (Q50) 14.3-16.0 fps
Discharge Velocity (Q100) 16.2-17.7 fps

MATERIALS

Concrete:
Curbs, Sidewalks, and Pier Subfooting Class "S"
All Other Class "A"
Reinforcing Steel:
Mild Stainless ASTM A615/A615M, Grade 60
Stainless ASTM A955/A995M, Grade 75
Structural Steel:
All Material (except as noted) ASTM A709, Grade 50 (Metallized)
High Strength Bolts ASTM F3125, Grade A325, Type 3

BASIC DESIGN STRESSES

Class "S" Concrete f 'c = 3000 psi
Class "A" Concrete f 'c = 4000 psi
Mild Reinforcing Steel f y = 60,000 psi
Stainless Reinforcing Steel f y = 75,000 psi

Structural Steel:
ASTM A 709, Grade 50 F y = 50,000 psi
ASTM F 3125, Grade A 325 F u = 120,000 psi

85% SUBMISSION
NOT FOR
CONSTRUCTION
5/12/2021

OLD TOWN
PENOBSCOT COUNTY
STILLWATER BRIDGES
OVER
STILLWATER RIVER
STILLWATER AVENUE

FEDERAL AID PROJECT NO.
STP-02251(100) & STP-02251(200)

PROJECT LENGTH 0.106 mi.
BRIDGE REPLACEMENTS
BRIDGE NO.1 (1472)
&
BRIDGE NO.2 (2806)

Description

Description	Sheet No.
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UTILITIES

Emera Maine
Fairpoint Communications
Old Town Water and Sewer District
Spectrum
Maine Fiber

MAINTENANCE OF TRAFFIC

Temporary two-lane bridge with a minimum curb to curb width of 30'-0" on the upstream side of proposed bridges, with temporary 5'-0" sidewalk on west side of temporary bridge.

PROJECT LOCATION	Bridges are located 0.69 miles north east of I-95 Exit 193 N and Stillwater Ave. Bridge No. 1 Coordinates of Latitude 44°54'41.50"N Longitude 68°41'5.70"W Bridge No. 2 Coordinates of Latitude 44°54'45"N Longitude 68°41'4.0"W
PROGRAM AREA	Bridge Program "Highway Bridges - Traditional"
OUTLINE OF WORK	Bridge Construction: Bridge replacement and related approach work.

WIN 022512.00
WIN 022511.00

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

APPROVED

COMMISSIONER:

CHIEF ENGINEER:

DATE

PRELIMINARY

NOT FOR CONSTRUCTION

5/12/2021

PROJECT INFORMATION

PROGRAM	BRIDGE
PROJECT MANAGER	MICHAEL WIGHT
DESIGNER	ROBERT BLUNT
CONSULTANT	VHB
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

OLD TOWN
STILLWATER BRIDGES

TITLE SHEET

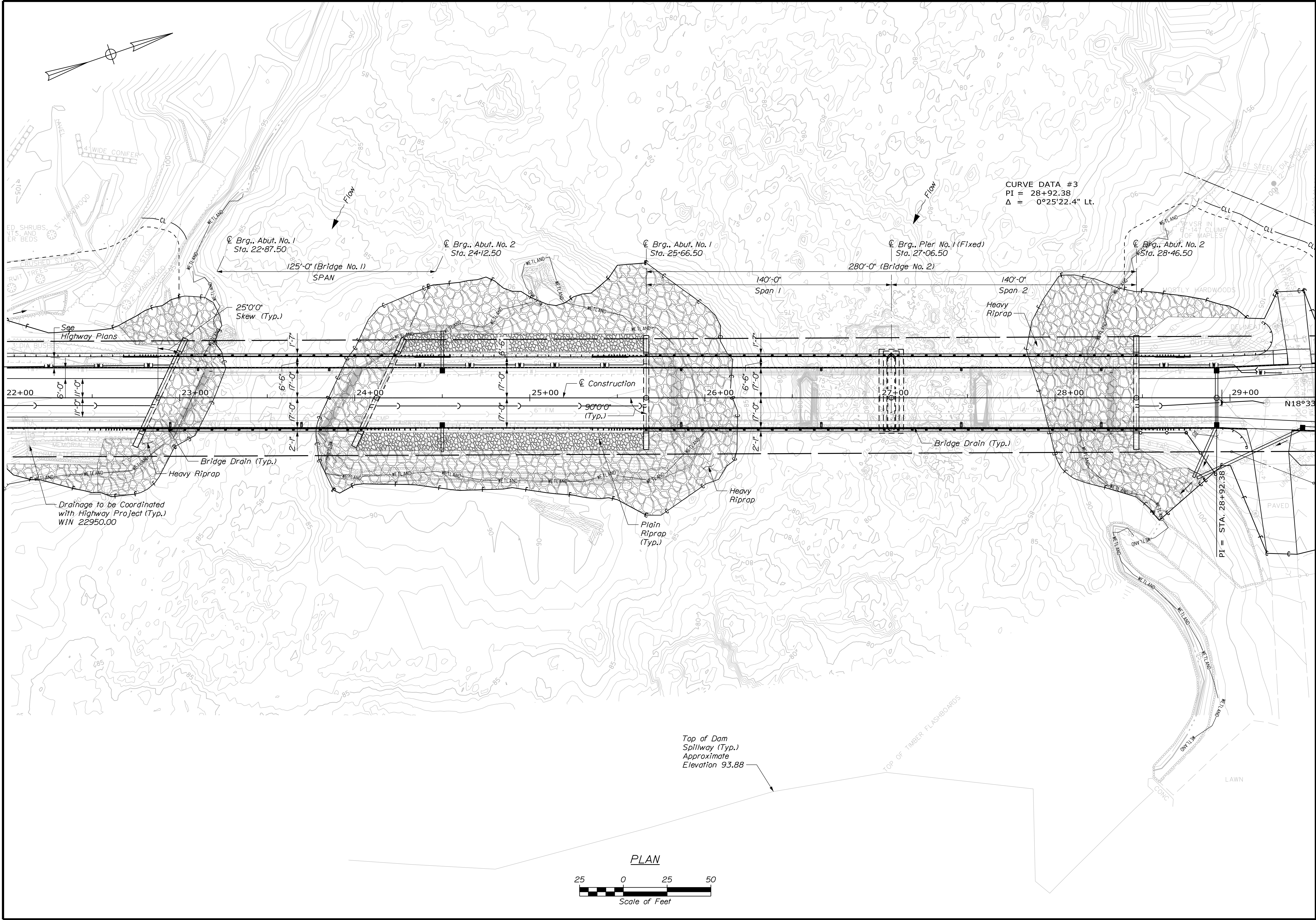
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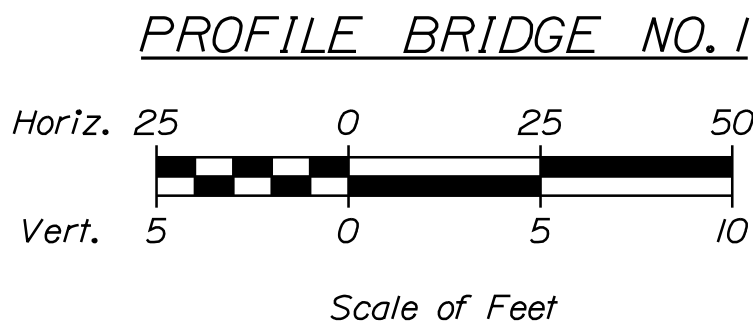
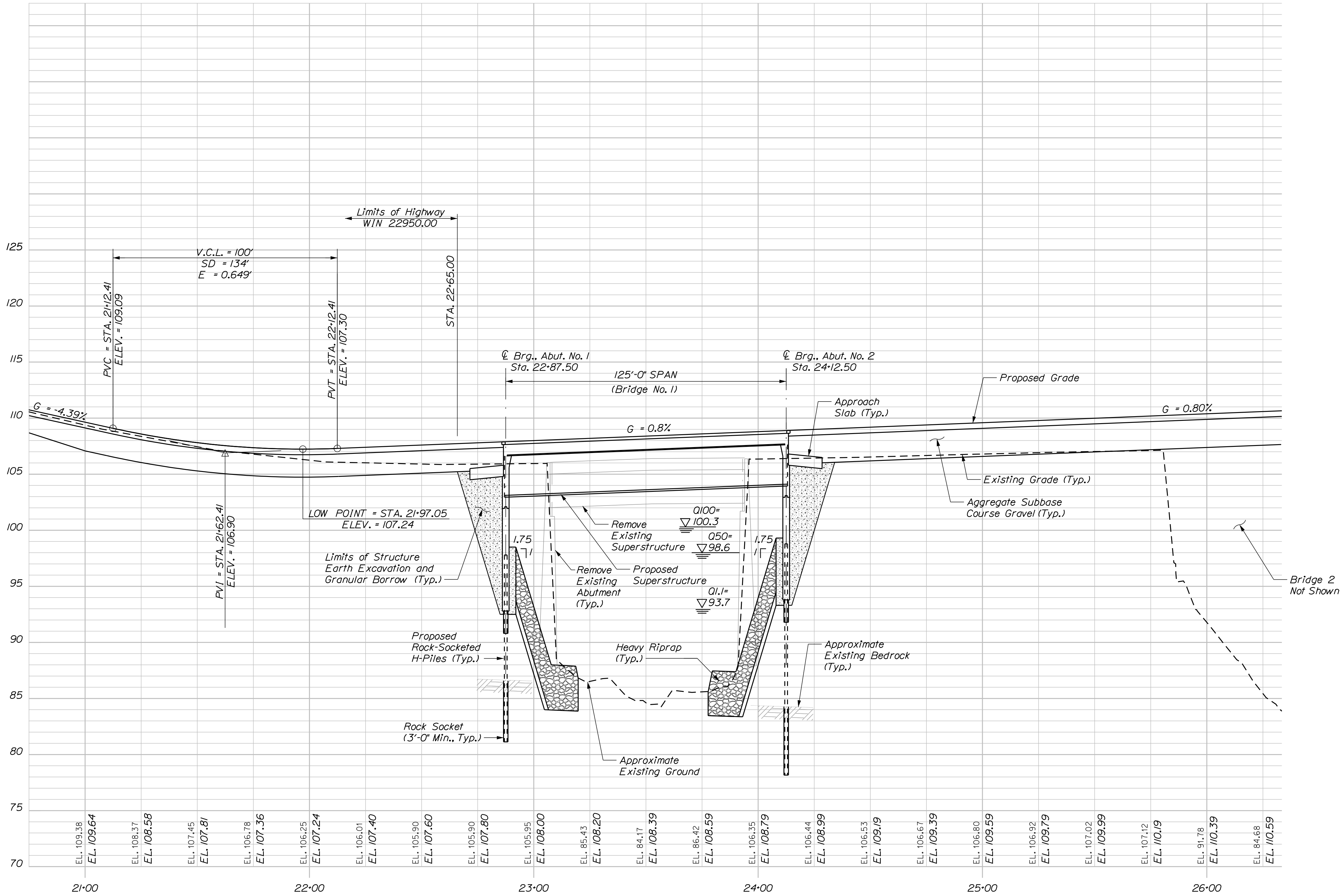
OF 51

Date: 5/12/2021

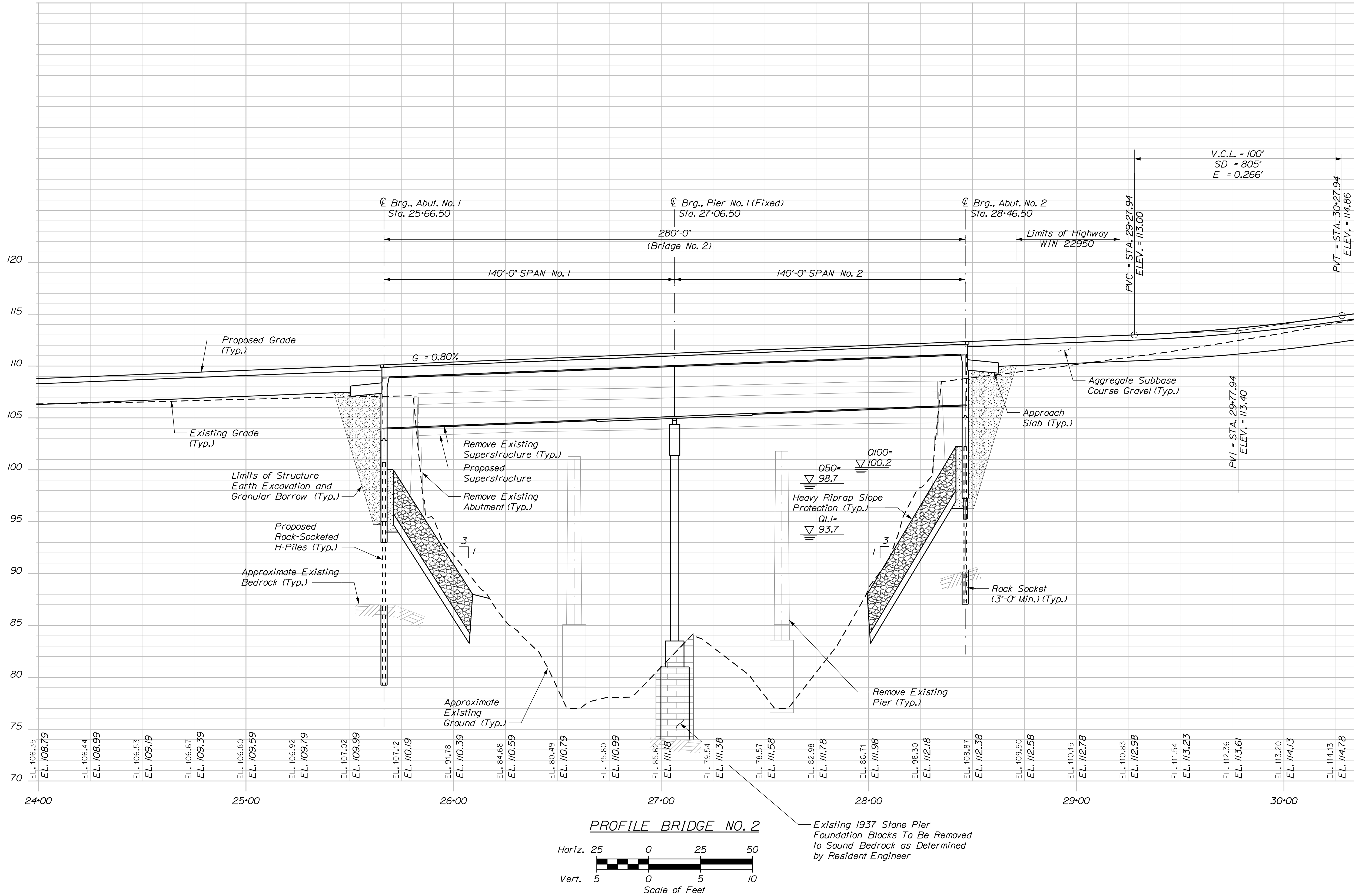
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STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PRELIMINARY NOT FOR CONSTRUCTION 5/12/2021		BRIDGE NO. 1472 BRIDGE NO. 2806		WIN 022512.00 WIN 022511.00		BRIDGE PLANS	
STILLWATER BRIDGES OVER STILLWATER RIVER OLD TOWN PENOBSCOT COUNTY		DATE BY DESIGN-DETAILED CHECKED-REVIEWED DESIGN-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES		DATE BY DESIGN-DETAILED CHECKED-REVIEWED DESIGN-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES		DATE BY DESIGN-DETAILED CHECKED-REVIEWED DESIGN-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES		DATE BY DESIGN-DETAILED CHECKED-REVIEWED DESIGN-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	
SHEET NUMBER 4		SHEET NUMBER 4		SHEET NUMBER 4		SHEET NUMBER 4		SHEET NUMBER 4	
OF 51		OF 51		OF 51		OF 51		OF 51	



STATE OF MAINE DEPARTMENT OF TRANSPORTATION			PRELIMINARY NOT FOR CONSTRUCTION 5/12/2021			STILLWATER BRIDGES OVER STILLWATER RIVER OLD TOWN PENOBSCOT COUNTY			SHEET NUMBER 5		
						PROJ. MANAGER MICHAEL WIGHT			DATE		
						DESIGN-DETAILED TJ COOK			5/12/21		
						CHECKED-REVIEWED CT AYERS			RS BLUNT 5/12/21		
						DESIGN2-DETAILED2					
						DESIGN3-DETAILED3					
						REVISIONS 1					
						REVISIONS 2					
						REVISIONS 3					
						REVISIONS 4					
						FIELD CHANGES					
BRIDGE NO. 1472 BRIDGE NO. 2806			WIN 022512.00 WIN 022511.00			BRIDGE PLANS					

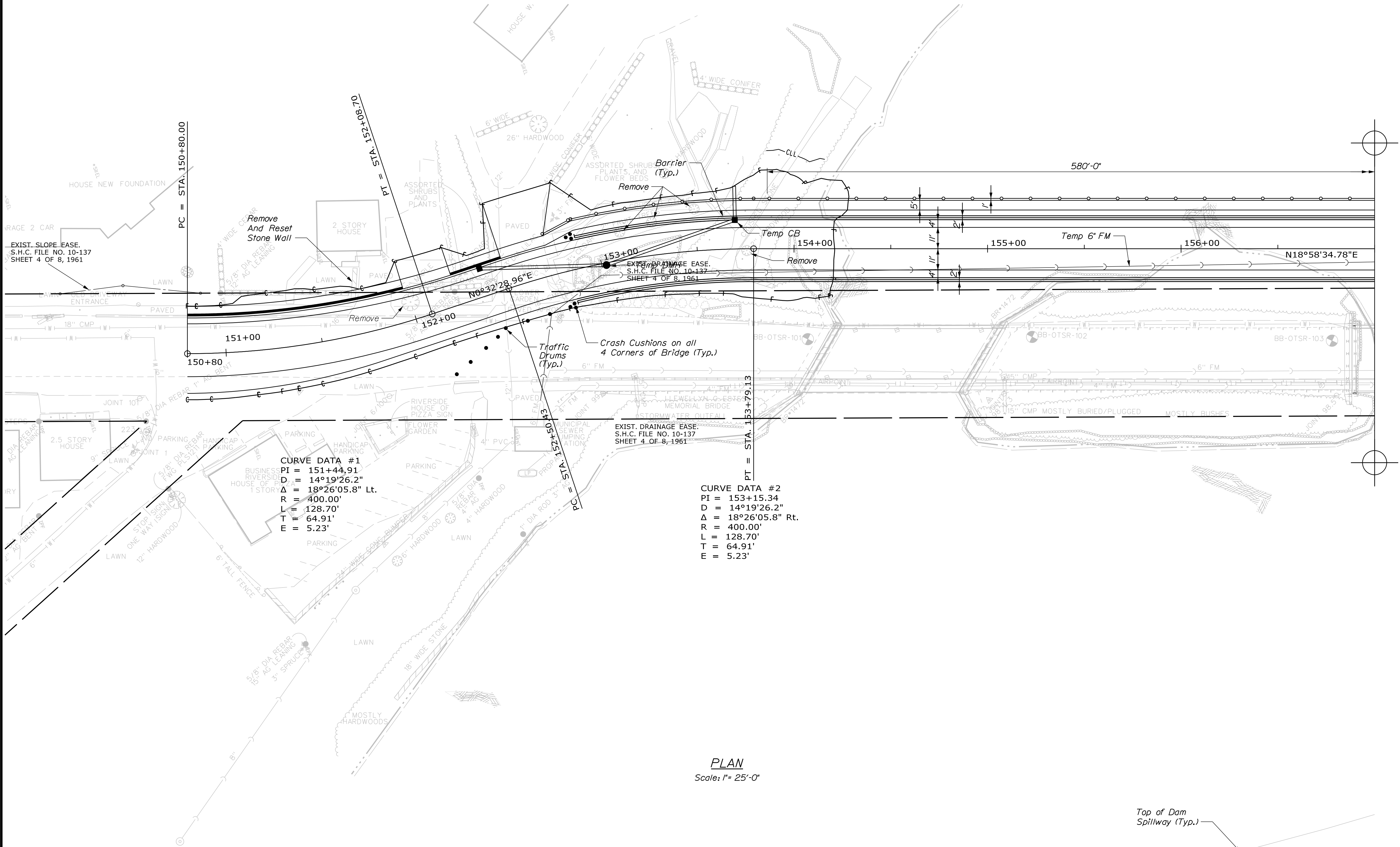


PROJ. MANAGER	MICHAEL WIGHT	BY	DATE
DESIGN-DETAILED	TJ COOK	P DONOVAN	5/12/21
CHECKED-REVIEWED	CT AYERS	RS BLUNT	5/12/21
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

Date:5/12/2021

Division: HIGHWAY

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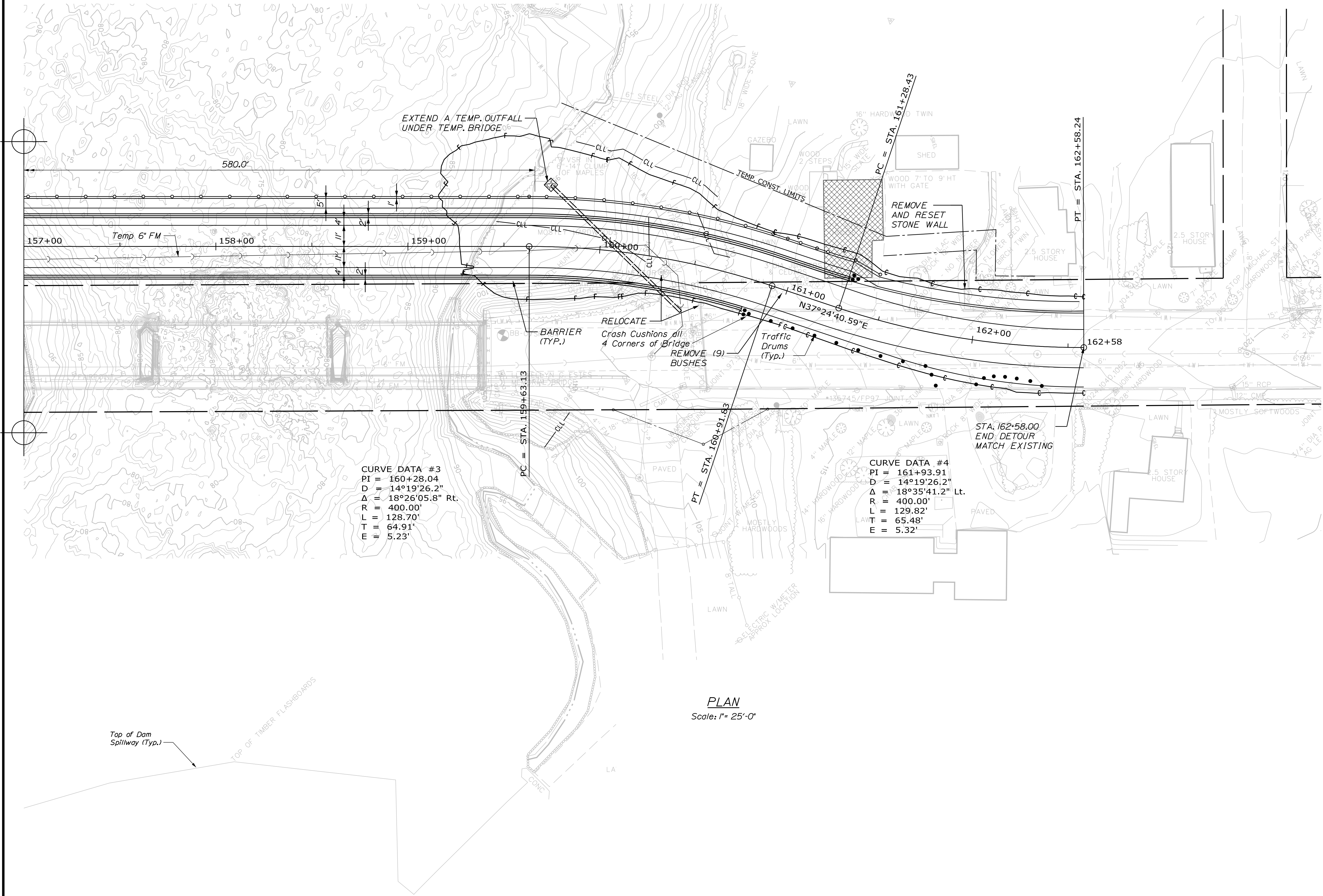


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		BRIDGE NO. 1472 BRIDGE NO. 2806		WIN 022512.00 WIN 022511.00		BRIDGE PLANS	
PRELIMINARY		NOT FOR CONSTRUCTION		5/12/2021					
STILLWATER BRIDGES OVER STILLWATER RIVER OLD TOWN PENOBSCOT COUNTY		PROJ. MANAGER MICHAEL WIGHT		BY P. DONOVAN RS. BLUNT		DATE 5/12/21 5/12/21			
TEMPORARY BRIDGE PLAN (1 OF 2)		DESIGNED-DETAILED		CHECKED-REVIEWED		DESIGNED-DETAILED		REVISIONS 1	
								REVISIONS 2	
								REVISIONS 3	
								REVISIONS 4	
								FIELD CHANGES	
SHEET NUMBER		16							
								OF 51	

Date:5/12/2021

Division: HIGHWAY

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PLAN
Scale: 1"= 25'-0"

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	PRELIMINARY NOT FOR CONSTRUCTION 5/12/2021		PROJ. MANAGER	MICHAEL WIGHT	BY	DATE
			DESIGN-DETAILED	TJ COOK	P DONOVAN	5/12/21
			CHECKED-REVIEWED	CT AYERS	RS BLUNT	5/12/21
SHEET NUMBER 17		BRIDGE NO. 1472 BRIDGE NO. 2806	DESIGN-DETAILED			
			CHECKED-REVIEWED			
			DESIGN-DETAILED			
			CHECKED-REVIEWED			
OF 51		WIN 022512.00 WIN 022511.00	REVISIONS 1			
			REVISIONS 2			
BRIDGE PLANS		BRIDGE NO. 1472 BRIDGE NO. 2806	REVISIONS 3			
			REVISIONS 4			
BRIDGE PLANS		BRIDGE NO. 1472 BRIDGE NO. 2806	FIELD CHANGES			
			FIELD CHANGES			