



**US Army Corps
of Engineers®**

New England District

Maine Project Office

442 Civic Center Drive, Suite 350

Augusta, Maine 04330

PUBLIC NOTICE

Date: June 23, 2020

Comment Period Ends: July 23, 2020

File Number: NAE-2020-01502

In Reply Refer To: Jay L. Clement

Or by e-mail: jay.l.clement@usace.army.mil

Permit Number NAE-2020-01502

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 Mattawamkeag River at Mattawamkeag, Maine in order to replace the existing deteriorated Route 2 bridge. The project will result in approximately 3,230 s.f. of permanent and 4,425 s.f. of temporary stream bed impact, and 710 s.f. of permanent and 2,060 s.f. of temporary wetland impact. These impacts include approximately 100' of relocated intermittent tributary stream in the northeast corner of the bridge. A temporary work trestle and temporary detour bridge will be located upstream and will maintain single lane alternating traffic flow during construction.

WATERWAY AND LOCATION OF THE PROPOSED WORK: Route 2 crossing of the Mattawamkeag River at Mattawamkeag, Maine. The project is located at latitude 45.518780°N; and longitude -68.353477°W, on the USGS MATTAWAMKEAG, 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 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: FHWA has consulted 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 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, Canada lynx, 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.

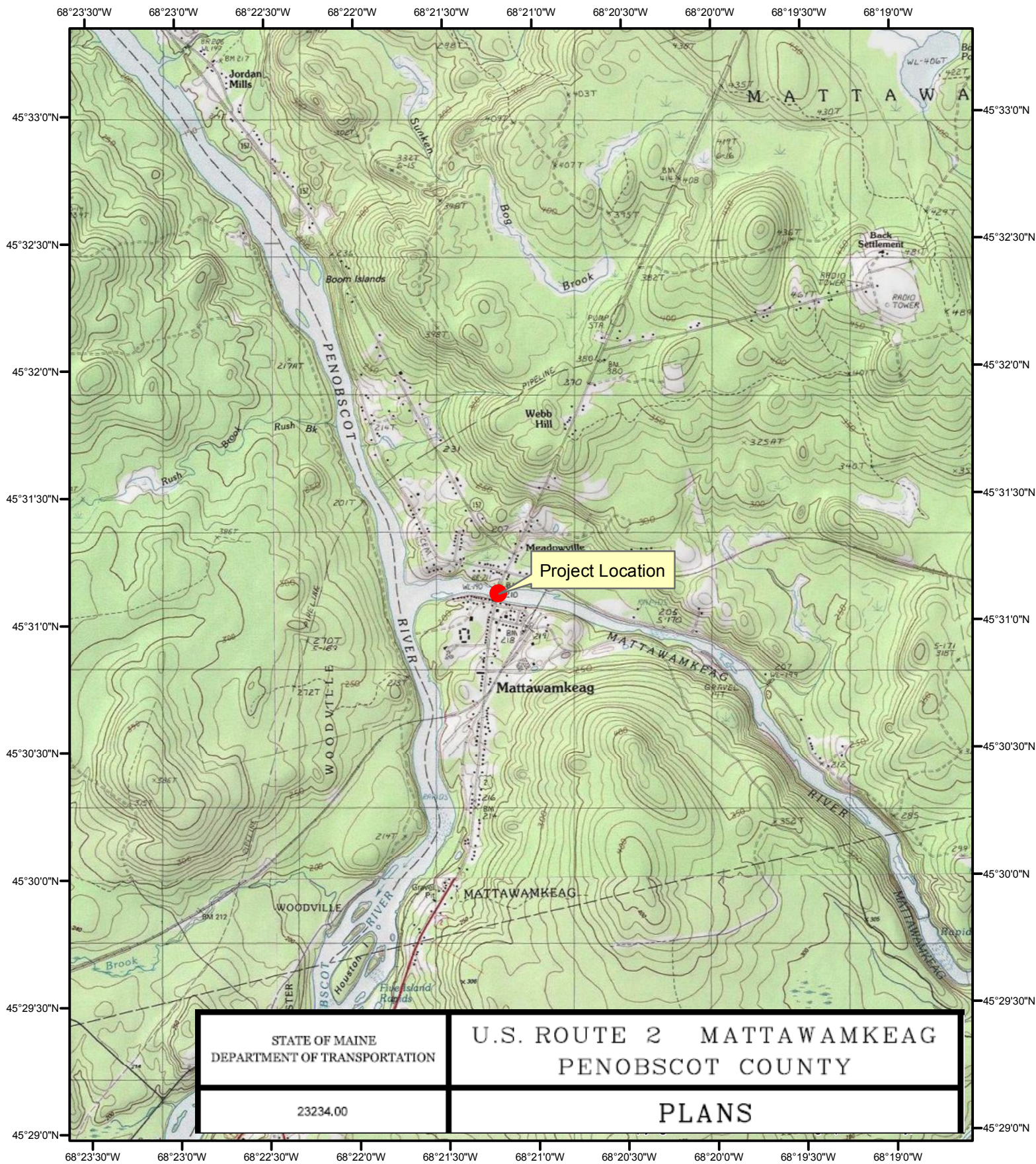
For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

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: _____



MaineDOT WIN 23234.00
Mattawamkeag, ME Bridge Replacement
Mattawamkeag Br. #2522 over Mattawamkeag River
45.51878, -68.353477
24K



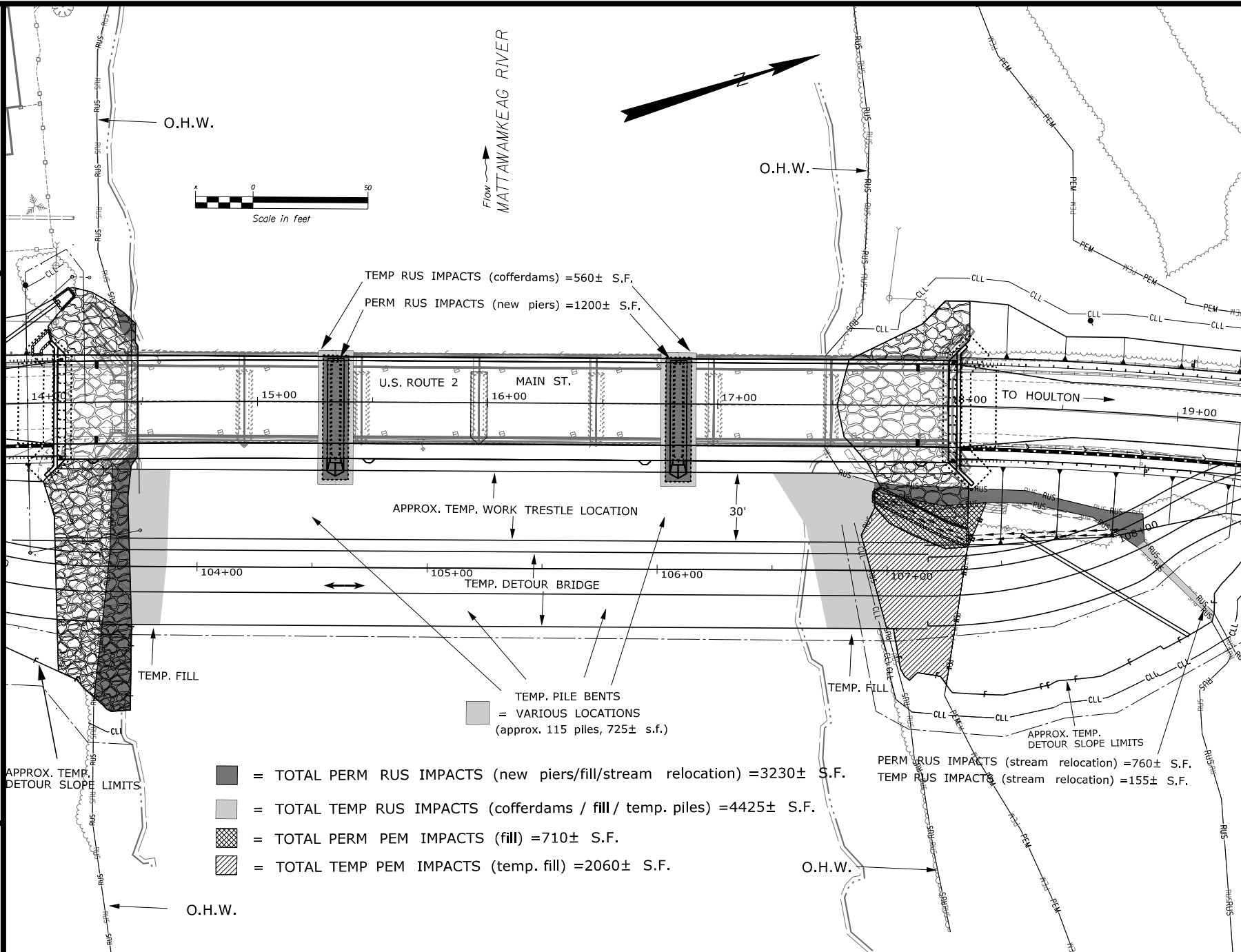
0 800 1,600 3,200 Feet

U.S. ROUTE 2 MATTAWAMKEAG
PENOBSCOT COUNTY

PLANS

SHEET NUMBER

1



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Eighth Edition 2017.

DESIGN LOADING

Live Load.....HL - 93 Modified for Strength 1

TRAFFIC DATA

Current (2019) AADT 1850
Future (2039) AADT 2040
DHV - % of AADT 10%
Design Hour Volume 204
Heavy Trucks (% of AADT) 10%
Heavy Trucks (% of DHV) 4%
Directional Distribution (% of DHV) 61%
18 kip Equivalent P 2.0 165
18 kip Equivalent P 2.5 157
Design Speed (mph) 25

HYDROLOGIC DATA

Drainage Area 1508 sq mi
Design Discharge (Q50) 32,533 cfs
Check Discharge (Q100) 35,478 cfs
Headwater Elevation (Q1.1) 194.73 ft
Headwater Elevation (Q10) 199.33 ft
Headwater Elevation (Q25) 200.44 ft
Headwater Elevation (Q50) 201.22 ft
Headwater Elevation (Q100) 201.85 ft
Discharge Velocity (Q1.1) 3.68 fps
Discharge Velocity (Q10) 5.32 fps
Discharge Velocity (Q25) 5.70 fps
Discharge Velocity (Q50) 5.97 fps
Discharge Velocity (Q100) 6.25 fps

MATERIALS

Concrete:
Curbs, Sidewalks & Transition Barriers..... Class "LP"
Seals..... Class "S"
All Other..... Class "A"

Reinforcing Steel:
Plain Reinforcing Steel..... ASTM A 615/A 615M, Grade 60
Stainless Reinforcing Steel..... ASTM A 955, Grade 75
Glass Fiber Reinforced Polymer (GFRP)..... CSA S807-10, ACI 440.1R-15

Structural Steel:
All Material (except as noted)..... ASTM A 709, Grade 50W (unpainted)
High Strength Bolts..... ASTM F 3125, Grade A325, Type 3

BASIC DESIGN STRESSES

Concrete, Class "A" f'c = 4,000 psi
Concrete, Class "LP"..... f'c = 5,000 psi
Plain Reinforcing Steel..... f y = 60,000 psi
Stainless Reinforcing Steel..... f y = 75,000 psi
Glass Fiber Reinforced Polymer:
#5 Bar f fu = 100,000 psi
#6 Bar f fu = 100,000 psi
#7 Bar f fu = 95,000 psi
Minimum Elastic Modulus..... E f = 6,150,000 psi
Structural Steel:
ASTM A 709, Grade 50W..... F y = 50,000 psi
ASTM F 3125, Grade A325, Type 3 F μ = 120,000 psi

LIST OF DRAWINGS

Title Sheet 1
Typical Sections..... 2
General Plan..... 3-4
Profile..... 5-6

MATTAWAMKEAG
PENOBSCOT COUNTY
MATTAWAMKEAG BRIDGE
OVER
MATTAWAMKEAG RIVER
U.S. ROUTE 2
FEDERAL AID PROJECT NO. 2323400
PROJECT LENGTH 0.090 mi.
BRIDGE NO. 2522

UTILITIES

Emera Maine
Fairpoint Communications
Town of Mattawamkeag
Spectrum

MAINTENANCE OF TRAFFIC

Maintain one 11'-0" wide lane of alternating one - way traffic and a 5' separated sidewalk on a temporary bridge using temporary traffic signals.

PROJECT LOCATION:	Mattawamkeag Bridge #2522 in Mattawamkeag carrying U.S. Route 2 over Mattawamkeag River, located 0.18 miles south of Route 157 Lat./Long. 45°31'08" N 68°21'13" W
PROGRAM AREA:	Bridge
OUTLINE OF WORK:	Replacement of Mattawamkeag Bridge #2522 in Mattawamkeag with associated approach work.

PDR PLANS
JULY 5, 2019

WIN 023234.00

023234.00

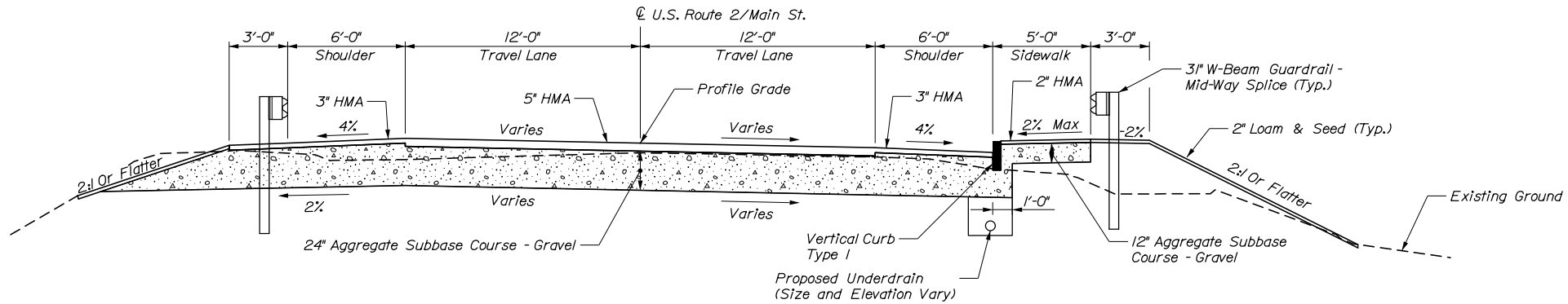
STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
PROJECT INFORMATION				
PROGRAM	BRIDGE			
PROJECT MANAGER	ANDY LAHE			
DESIGNER	ASHLEY STEPHENS, P.E.			
CONSULTANT	HNTB			
PROJECT RESIDENT				
CONTRACTOR				
PROJECT COMPLETION DATE				
MATTAWAMKEAG MATTAWAMKEAG BRIDGE		TITLE SHEET		
SHEET NUMBER		1		
OF 6				

Date:7/7/2019

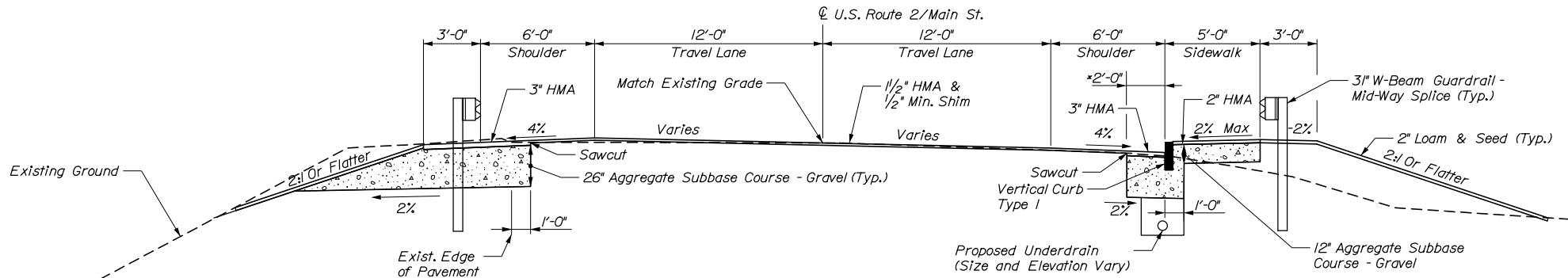
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Division:

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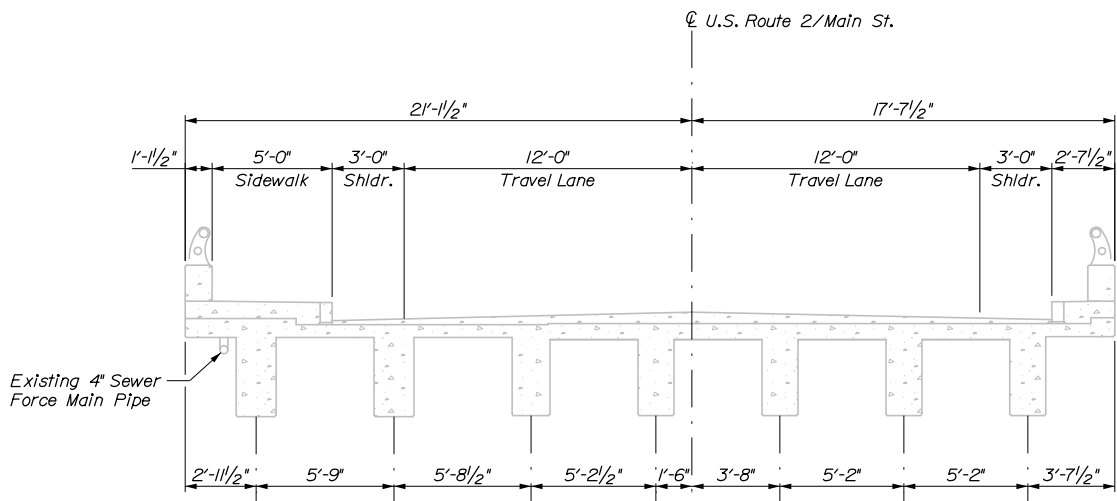


TYPICAL APPROACH SECTION
Full Construction

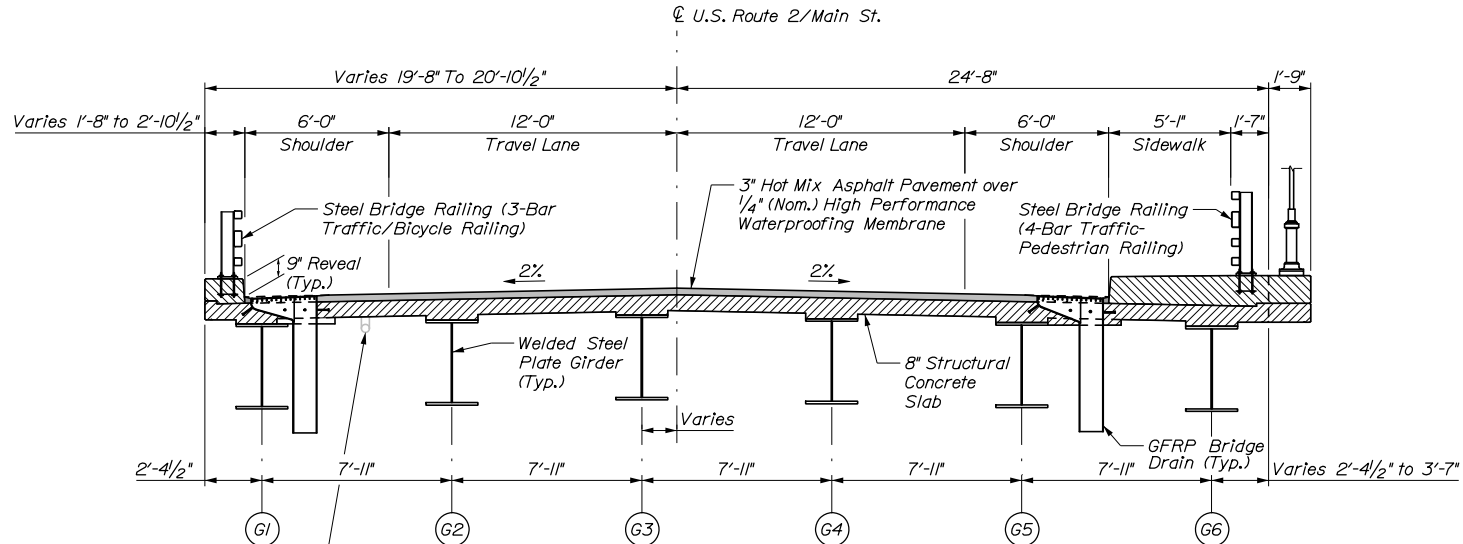


TYPICAL APPROACH SECTION
Shoulder Reconstruction With
Variable Depth Mill, Shim & 1 1/2" Overlay

*Box Cut For Gravel Shall Be a Minimum
2' Inside Proposed Type I Curb or 1' Inside
Existing Edge of Pavement.



EXISTING TRANSVERSE SECTION



PROPOSED TRANSVERSE SECTION

Existing 4" Sewer Force
Main Pipe (Location to
be determined)

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED CHECKED-REVIEWED DESIGN-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	C. Helmick P. Bishop A. Stephens	5/19 5/19			

Filename: 003_General Plan_01.dgn

POR 6
TAX MAP U7 LOT 1
PAULINNE C CARLISE LIVING TRUST
PATRICIA C. KAMM CO TRUSTEE,
NORMAN D CARLISE JR CO TRUSTEE
0.50 ACRES TAX CARD

Remove and Reset
25 LF of Fence

RTE. 2/MAIN ST.
CURVE DATA
PI = 13+91.43
D = 1°08'45.3"
Δ = 2°58'21.7" Rt.
R = 5000.00'
L = 259.42'
T = 129.74'
E = 1.68'

RTE. 2/MAIN ST.
 CURVE DATA
 PI = 19+02.52
 D = 3°34'51.6"
 Δ = 8°34'19.5" Rt.
 R = 1600.00'
 L = 239.38'
 T = 119.91'
 E = 4.49'

TAX MAP U7 LOT 35
EDWARD MADDEN
CHIMERE MADDEN
6.7 ACRES TAX CARD

PDR PLANS
JULY 5, 2019

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

023234.00

WIN

BRIDGE NO. 2522 023234.00

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	C. Helmick	5/19
DESIGNED-REVIEWED	L. Driscoll	5/19
DESIGNED-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
SIGNATURE		P.E. NUMBER
DATE		

MATTAWAMKEAG BRIDGE
MATTAWAMKEAG RIVER

PENOBSCOT COUNTY

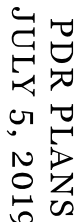
GENERAL PLAN 1

SHEET NUMBER

3

OF 6

HNTB



INTB

PROJ. MANAGER		BY	DATE
DESIGN-2-DETAILED	C. Helmick	P. Bishop	5/19
CHECKED-REVISED	L. Driscoll	A. Stephens	5/19
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

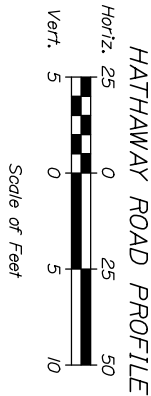
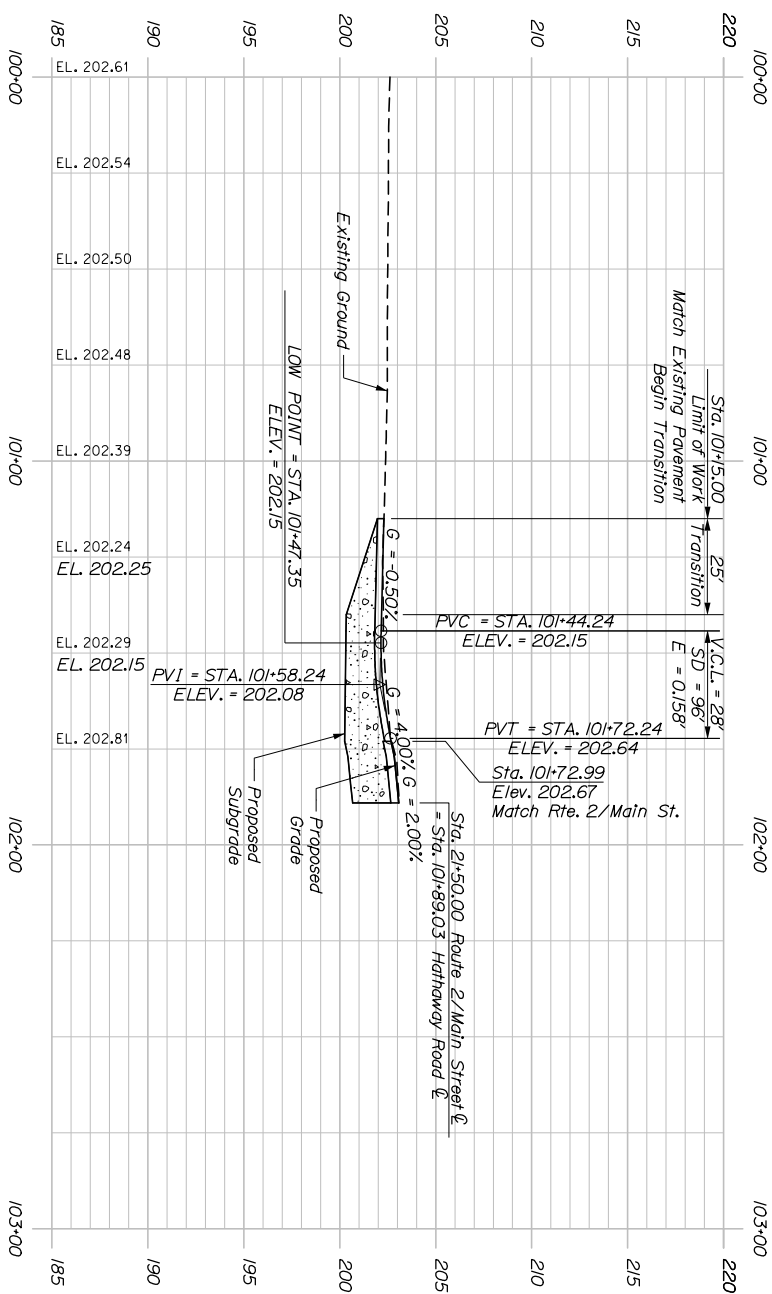
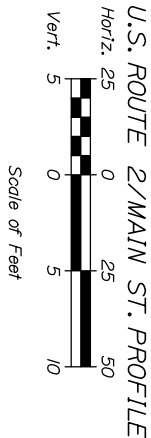
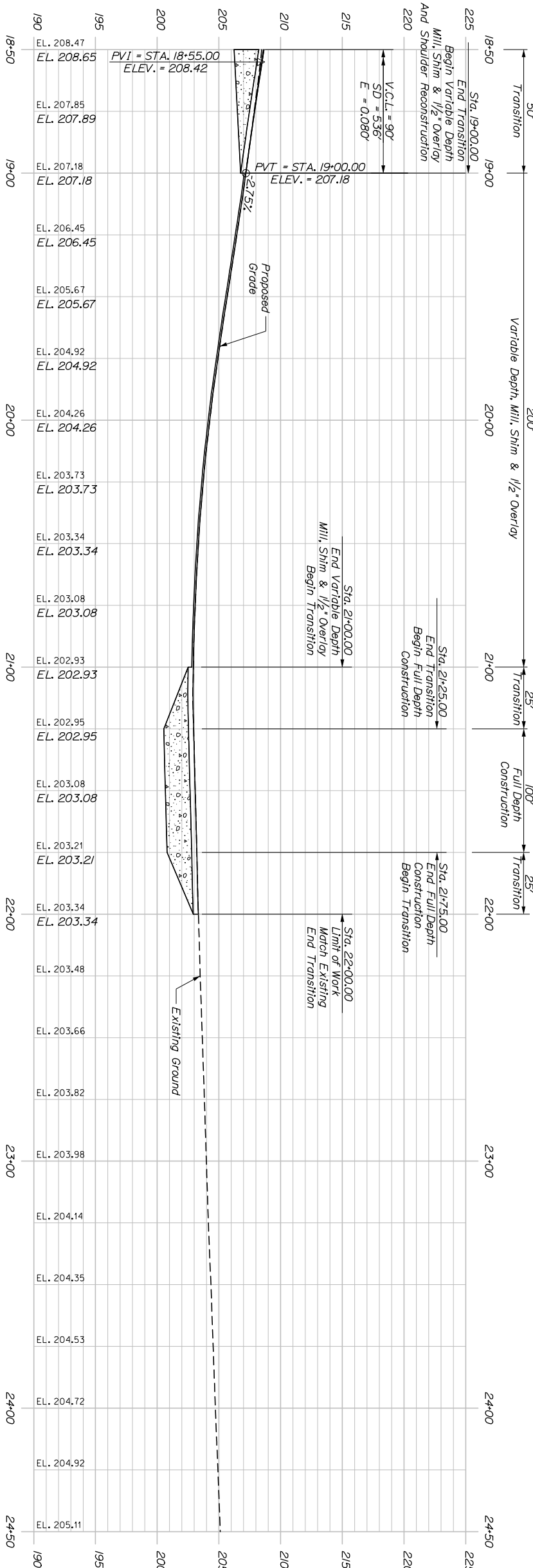
SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

023234.00

WIN

BRIDGE NO. 2522 **023234.00** BRIDGE PLANS



PDR PLANS
JULY 5, 2019