

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

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

MATERIALS

Concrete:
All Class "A"

BASIC DESIGN STRESSES

Concrete:
Class "A" f 'c = 4,000 psi

BATH
SAGADAHOC COUNTY
WINTER STREET BRIDGE
OVER
SMO RAILROAD
(OPERATED BY MID COAST RAIL SERVICE RAILROAD)
WINTER STREET
FEDERAL PROJECT NO. 2729200
PROJECT LENGTH 0.018 mi.
BRIDGE NO. 0998

LIST OF DRAWINGS

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Estimated Quantities and General Notes	2
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UTILITIES

Bath Water District
Central Maine Power
Midcoast Railservice
Consolidated Communications
Lincolnvile Telephone Company

TRAFFIC DATA

Current (2023) AADT	570
Future (2043) AADT	630
DHV - % of AADT	13
Design Hour Volume	82
Heavy Trucks (% of AADT)	4
Heavy Trucks (% of DHV)	3
Directional Distribution (% of DHV)	55
18 kip Equivalent P 2.0	10
18 kip Equivalent P 2.5	10
Design Speed (mph)	25

MAINTENANCE OF TRAFFIC

Bridge closure with traffic detoured off site.

PROJECT LOCATION	Winter Street bridge (#0998) over SMO Railroad. Located 0.09 of a mile west of Willow Street. Lat./Long. 43°54'55.61"N 69°49'1.59"W
PROGRAM AREA	Bridge Program
OUTLINE OF WORK	Bridge wearing surface replacement

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>		7-15-24
CHIEF ENGINEER: <i>[Signature]</i>		7-15-2024

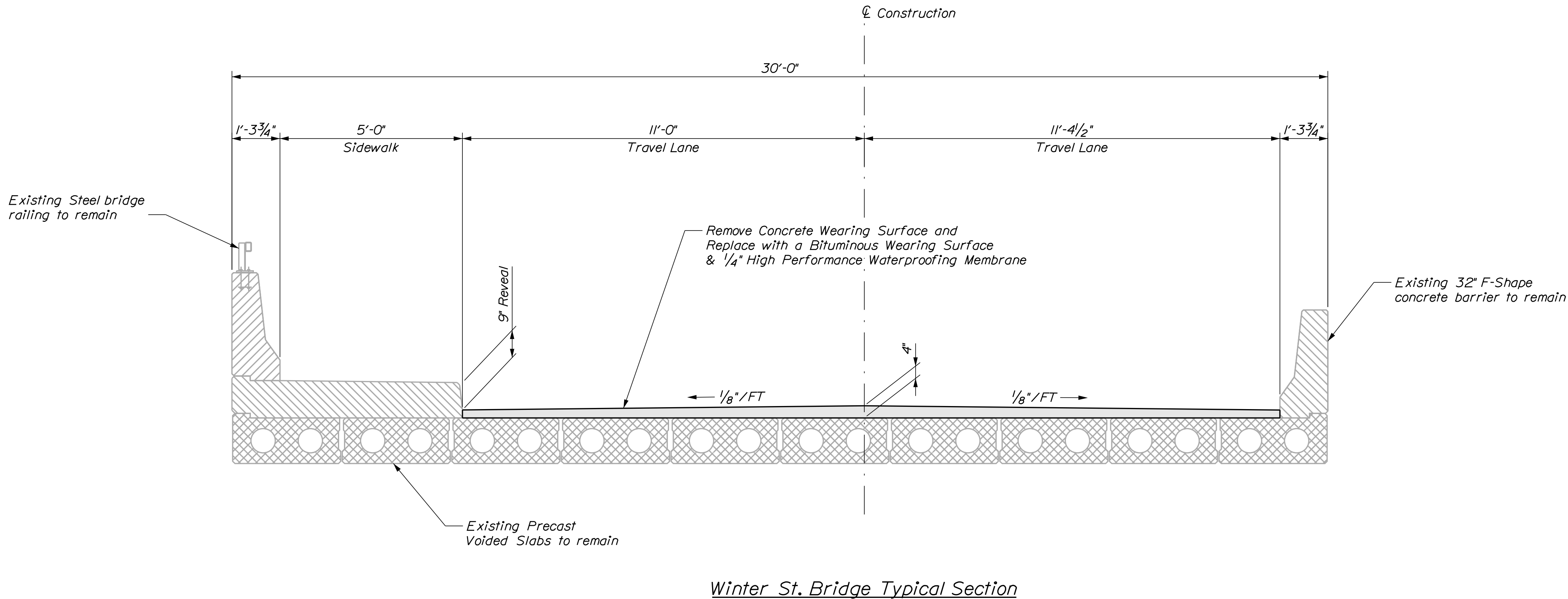
STATE OF MAINE Down Eaton 13725 PROFESSIONAL ENGINEER	SIGNATURE <i>[Signature]</i> 13725	P.E. NUMBER 07-10-24	DATE
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PROJECT INFORMATION				
PROGRAM	BRIDGE	PROJECT MANAGER	DESIGNER	CONSULTANT
	G. LIBBY	J. PRALL		
			PROJECT RESIDENT	CONTRACTOR
				PROJECT COMPLETION DATE

BATH WINTER STREET	TITLE SHEET
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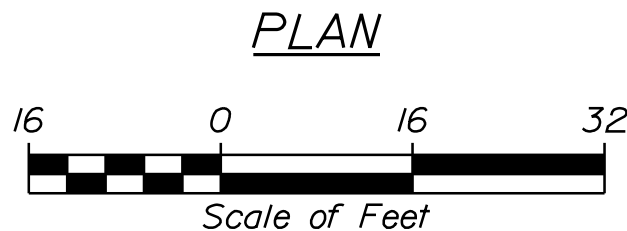
SHEET NUMBER
1
OF 4

2729200 WIN 27292.00

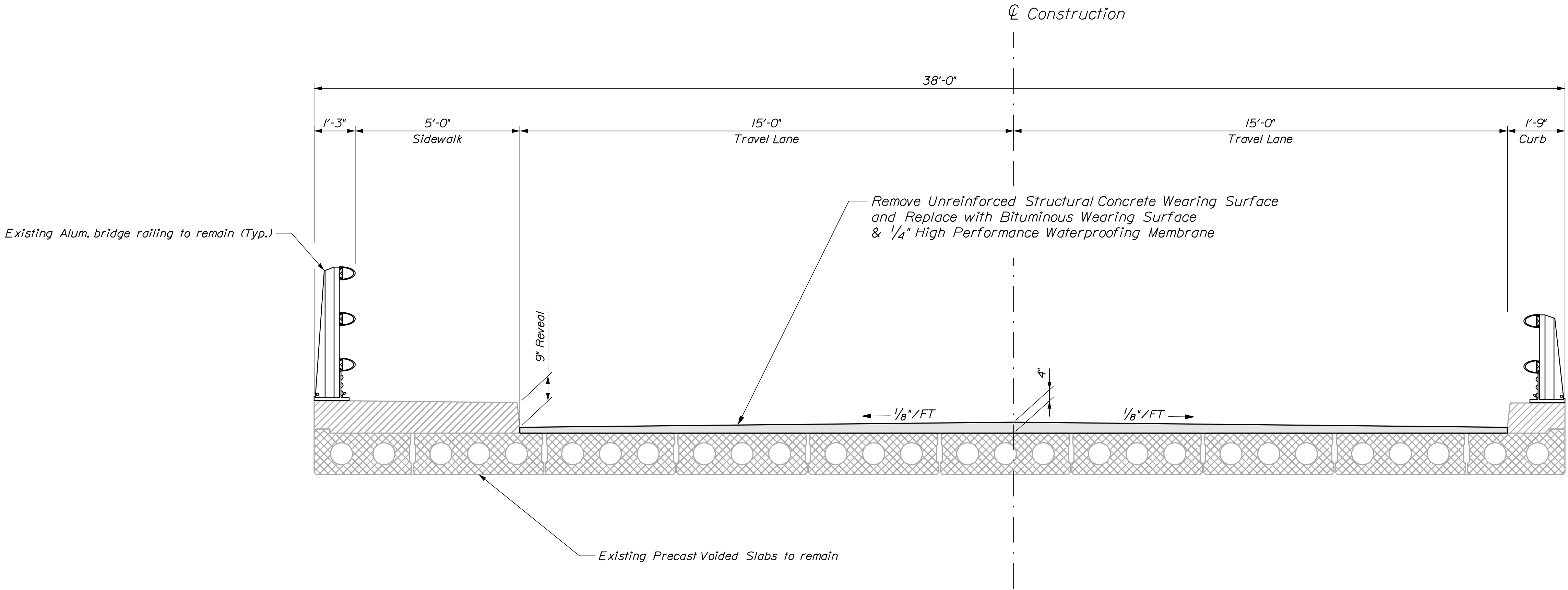


The Seal of the State of Maine is located at the bottom of the page. It features a moose standing on a rocky shore, with a fisherman on the left and a Native American on the right. A banner above the moose reads "MAINE", and a scroll below it reads "DIRIGO".

SHEET NUMBER
1
OF 4



3 OF 4		SHEET NUMBER		OAK STREET SMO RAILROAD BATH SAGADAHOC COUNTY GENERAL PLAN		PROJ. MANAGER	G. LUBBY, JR.	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2749200 WIN 27492.00 BRIDGE NO. 0997 BRIDGE PLANS		
						DESIGN-DETAILED	J. PRAUL	SLZ				
						CHECKED-REVIEWED						SIGNATURE
						DESIGN2-DETAILED2						
						DESIGN3-DETAILED3						
						REVISIONS 1	J. PRAUL		2/2/24			P.E. NUMBER
						REVISIONS 2						
						REVISIONS 3						
						REVISIONS 4						DATE
						FIELD CHANGES						



OAK ST. BRIDGE TYPICAL SECTION

SHEET NUMBER			STATE OF MAINE		
4			DEPARTMENT OF TRANSPORTATION		
			2749200		
			BRIDGE NO. 0997		
			WIN 27492.00		
BRIDGE PLANS					
OF 4					
BATH SAGADAHOC COUNTY TYPICAL SECTION			PROJ. MANAGER	G. LIBBY, JR.	DATE
			DESIGN-DETAILED	J. PRAUL	2/21/24
			CHECKED-REVIEWED		
			DESIGN2-DETAILED2		SIGNATURE
			DESIGN3-DETAILED3		
			REVISIONS 1	J. PRAUL	P.E. NUMBER
			REVISIONS 2		
			REVISIONS 3		
			REVISIONS 4		DATE
			FIELD CHANGES		