

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



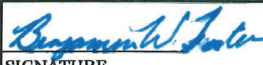
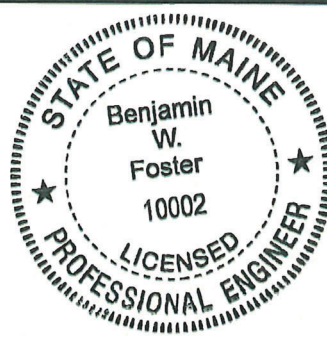
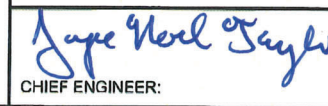
MATTAWAMKEAG
PENOBSCOT COUNTY
NEW MATTASEUNK BRIDGE
OVER
MATTASEUNK STREAM

CURB, RAIL, and DRAIN REPLACEMENT
BRIDGE # 5894

SCOPE OF WORK

Bridge curb, rail, and drain replacement. Remove and replace the existing curbs and rail with new 3-bar bridge rail. Plug existing drains and install new drains. Remove and replace unsound concrete from fascias and underside of deck, primarily around existing drains. Apply concrete protective coating to all exposed surfaces of new concrete. The work shall be performed as depicted in these plans and specified in this contract.

Project Manager - Region 5 : Jeremy Hartsgrrove

 SIGNATURE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
10002 P.E. NUMBER		WIN 030345.00	
3/6/2025 DATE		 COMMISSIONER: 5-16-25	
		 CHIEF ENGINEER: 5-15-2025	
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	MATTAWAMKEAG PENOBSCOT COUNTY		SHEET NUMBER 1
BRIDGE NO. 5894 WIN: 030345.00	TITLE SHEET		OF 5

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.12	Removing Existing Structural Concrete	5	CY
202.127	Removing of Existing Bituminous Pavement (24 SY)	1	LS
403.208	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size	8	TON
409.15	Bituminous Tack Coat, Applied	15	GAL
502.49	Structural Concrete Curbs and Sidewalks (6 CY)	1	LS
502.70	Bridge Drains	4	EA
503.12	Reinforcing Steel, Fabricated and Delivered	865	LB
503.13	Reinforcing Steel, Placing	865	LB
507.0821	Steel Bridge Railing, 3 Bar (110 LF)	1	LS
515.21	Protective Coating for Concrete Surfaces	1	LS
518.60	Repair of Vertical Surfaces < 8 Inches	132	SF
518.70	Repair of Overhead Surfaces < 8 Inches	175	SF
526.301	Temporary Concrete Barrier, Type I (250 LF)	1	LS
606.1721	Bridge Transition - Type I	4	EA
606.362	Guardrail, Adjust	100	LF
627.733	4" White or Yellow Painted Pavement Marking Line	250	LF
627.77	Removing Existing Pavement Marking	84	SF
627.78	Temporary 4" Painted Pavement Marking Line, White or Yellow	250	LF
652.39	Work Zone Traffic Control	1	LS
656.75	Temporary Soil Erosion and Water Pollution Control	1	LS
659.10	Mobilization	1	LS

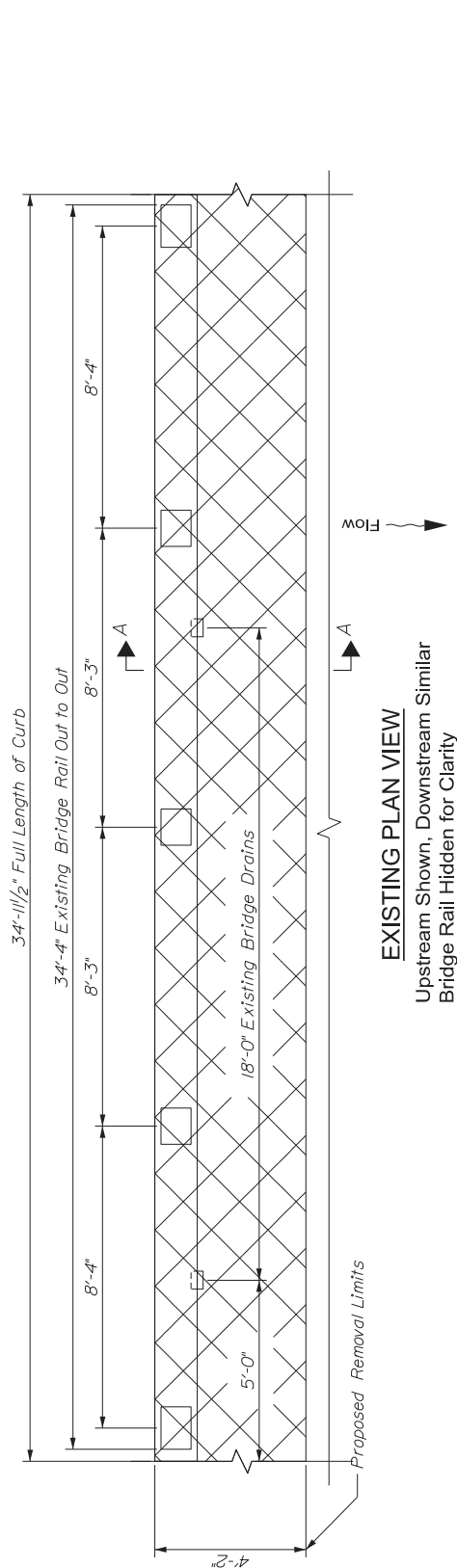
GENERAL CONSTRUCTION NOTES:

- The existing bridge plans may be accessed through MEPLANS at the following MaineDOT web address:
<https://mdotapps.maine.gov/VaultPlans/5894%20Mattawamkeag%201959.pdf>
The plans are reproductions of the original drawings as prepared for construction of the bridge. It is very unlikely that the plans will show any construction field change or any alterations which may have been made to the bridge during its life span.
- Dimensions shown are from existing plans and may differ from actual field dimensions. Field verify all dimensions prior to commencing work.
- See Section 507 of the MaineDOT Standard Details for information and details pertaining to new 3-Bar bridge rail, approach rail, and rail transitions.
- All removed materials shall become the property of the contractor.

CONCRETE NOTES

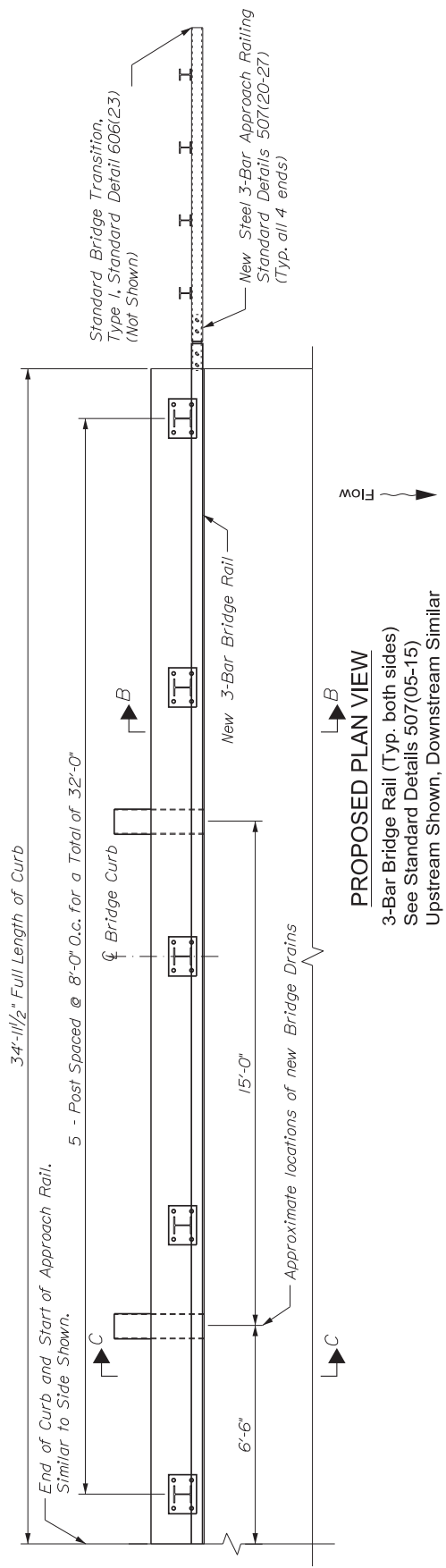
- The existing concrete shall be removed so as not to damage existing reinforcing steel in the Deck. Any damaged reinforcing steel shall be replaced in kind, as directed by The Resident, and at no additional cost to The Department.
- Existing reinforcing steel to remain shall be cleaned as depicted in these plans, specified in the contract, or directed by the resident prior to placing new concrete.
- All reinforcing bar splices shall be in accordance with Section 503 - Reinforcing Steel of the Standard Specifications. Reinforcing steel shall have a minimum 2" of cover unless otherwise noted.
- Concrete removal limits depend on the existing bridge and may not match what is shown here. Refer to existing bridge plans and field measurements. Limits may be reduced with the approval of The Resident.
- An approved protective coating for concrete surfaces from the MaineDOT qualified product list for concrete coatings and sealers shall be applied to all exposed surfaces of new concrete in accordance with The Manufacturer's recommendations.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION MAINTENANCE AND OPERATIONS	NEW MATTASEUNK BRIDGE Over MATTASEUNK STREAM		SHEET NUMBER 2
	MATTAWAMKEAG	PENOBSCOT COUNTY	
BRIDGE No. 5894 WIN: 030345.00	QUANTITIES AND NOTES		OF 5



EXISTING PLAN VIEW

Upstream Shown, Downstream Similar
Bridge Rail Hidden for Clarity



PROPOSED PLAN VIEW

3-Bar Bridge Rail (Typ. both sides)
See Standard Details 507(05-15)
Upstream Shown, Downstream Similar

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINTENANCE AND OPERATIONS

NEW MATTASEUNK BRIDGE
Over MATTASEUNK STREAM

MATTAWAMKEAG PENOBSCOT COUNTY

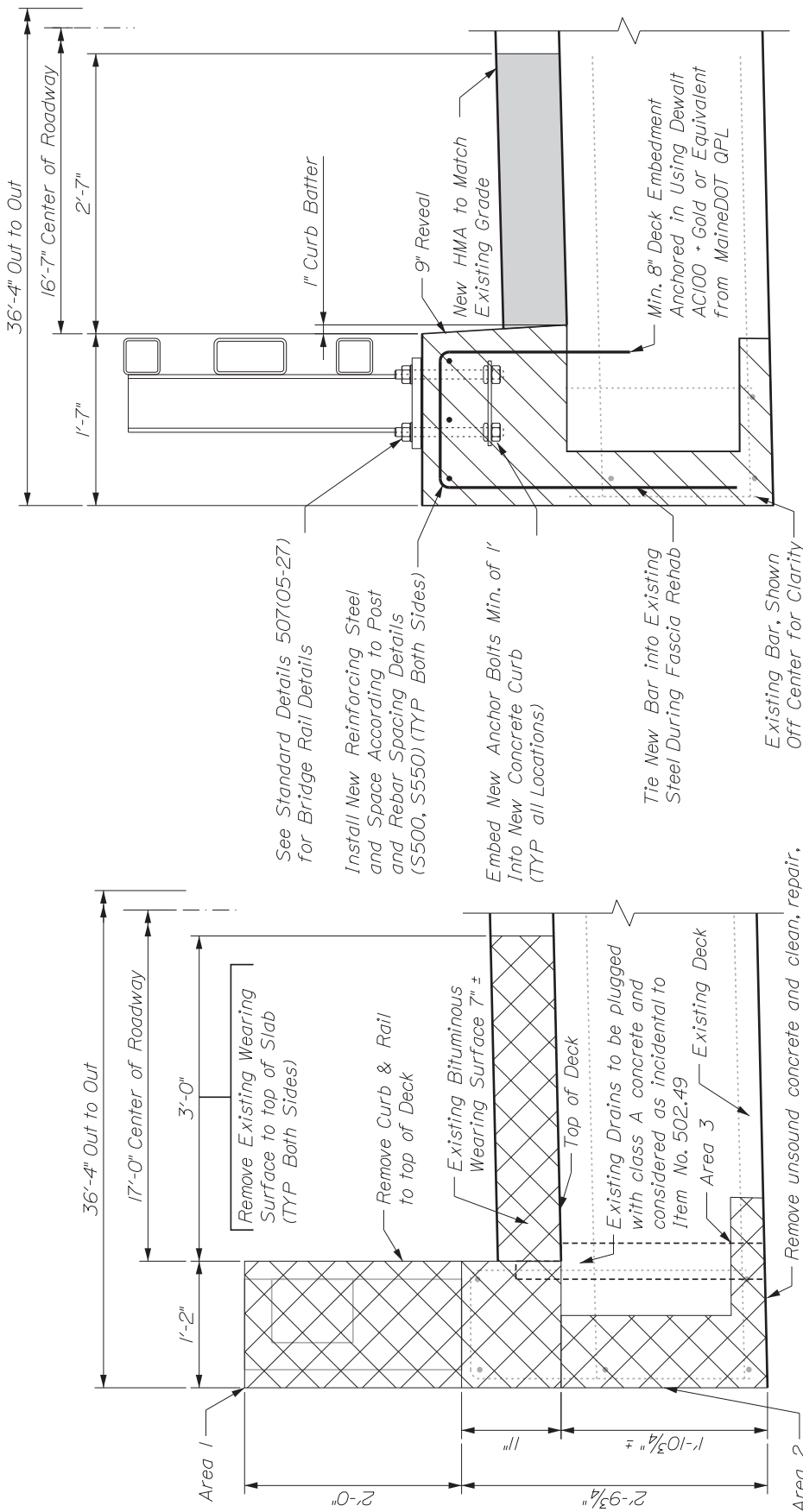
SHEET NUMBER

3

OF 5

BRIDGE No. 5894
WIN: 030345.00

PLAN VIEW



PROPOSED SECTION B-B VIEW
Upstream Shown, Downstream Similar
Drains not Shown for Clarity

EXISTING SECTION A-A VIEW
Upstream Shown, Downstream Similar

Area 1 - Remove Curb & Rail to Top of Deck.
Area 2 - 3" Min. - 8" Max. Removal of Concrete in Accordance with 518.60 or as Directed by The Resident.
Area 3 - Removal of Concrete Min. 4" in Accordance with 518.70 or as Directed by The Resident. Primarily Around Drains but Not Limited to Drain Area

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINTENANCE AND OPERATIONS

BRIDGE No. 5894
WIN: 030345.00

NEW MATTASEUNK BRIDGE Over MATTASEUNK STREAM

MATTAWAMKEAG

PENOBSCOT COUNTY

SECTION VIEW

SHEET NUMBER

4

OF 5



STATE OF MAINE DEPARTMENT OF TRANSPORTATION MAINTENANCE AND OPERATIONS	NEW MATTASEUNK BRIDGE Over MATTASEUNK STREAM	SHEET NUMBER
	MATTAWAMKEAG	5
BRIDGE No. 5894 WIN: 030345.00	SPACING & DIAGRAM	OF 5