

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION



BANGOR  
PENOBSCOT COUNTY  
BULLS EYE BRIDGE  
OVER  
KENDUSKEAG STREAM  
GRIFFIN ROAD  
FEDERAL AID PROJECT NO. 2707400  
PROJECT LENGTH 0.030 mi.  
BRIDGE NO. 3301

LIST OF DRAWINGS

Title Sheet.....	1
Estimated Quantities and General Construction Notes.....	2
General Plan.....	3
Typical Sections.....	4
Joint Header Repair Details.....	5
Staged Construction Sections.....	6
Detour Plan.....	7

UTILITIES

Aerial:	Underground:
Versant Power	AT&T Company
Lincolntown Telephone Company	Bangor Gas Company
Gonetspeed	Bangor Water District
Firstlight	City Of Bangor
Northern Light Health	
Charter Communications	

MAINTENANCE OF TRAFFIC

Maintain westbound traffic on the structure using staged construction, eastbound traffic will be detoured using an offsite detour route .

PROJECT LOCATION	Bulls Eye Bridge (#3301) which carries Griffin Road over the Kenduskeag Stream. Located 0.15 of a mile northeast of Ohio Street Lat./Long. 44°49'33.9" N 68°48'22.6" W
PROGRAM AREA	Highway Bridges - Traditional
OUTLINE OF WORK	Wearing Surface Replacement

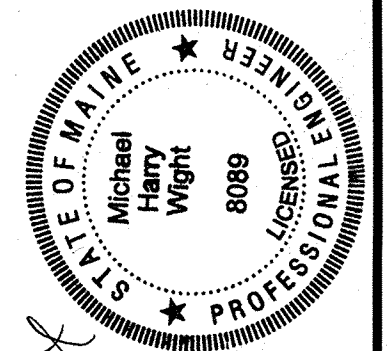
MATERIALS

Concrete:.....Class "A"

TRAFFIC DATA

Current (2024) AADT.....	10630
Future (2044) AADT.....	11690
DHV - % of AADT.....	10
Design Hour Volume.....	1169
Heavy Trucks (% of AADT).....	3
Heavy Trucks (% of DHV).....	1
Directional Distribution (% of DHV).....	53
18 kip Equivalent P 2.0.....	93
18 kip Equivalent P 2.5.....	89
Design Speed (mph).....	35

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	DATE 7-16-24
APPROVED 	COMMISSIONER
CHIEF ENGINEER:	7-15-2024



Michael Wright	SIGNATURE
8089	P.E. NUMBER
6/26/2024	DATE

PROJECT INFORMATION	PROGRAM	BRIDGE	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
			MICHAEL WRIGHT	CAREY VANDENBOSCH	N/A			

BANGOR BULLS EYE BRIDGE	TITLE SHEET
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SHEET NUMBER
1
OF 7

WIN 27074.00

02707400

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.202	REMOVING PAVEMENT SURFACE	270	SY
202.30	REMOVING EXISTING CONCRETE WEARING SURFACE (680 SY)	1	LS
403.2081	12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	80	T
403.209	HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, ISLANDS, & INCIDENTALS)	2	T
403.2131	12.5 MM POLYMER MODIFIED HMA BASE	117	T
409.15	BITUMINOUS TACK COAT - APPLIED	62	G
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE (680 SY)	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (263 SY)	1	LS
518.50	REPAIR OF UPWARD FACING SURFACES - TO REINFORCING STEEL < 8 IN.	100	SF
518.51	REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL < 8 IN.	200	SF
520.243	BRIDGE JOINT MODIFICATION TYPE 3	1	EA
526.301	PORTABLE CONCRETE BARRIER TYPE I (270 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	2	UN
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	645	LF
627.77	REMOVING PAVEMENT MARKINGS	300	SF
627.78	TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	900	LF
629.05	HAND LABOR, STRAIGHT TIME	50	HR
631.112	WELDING MACHINE (INCLUDING OPERATOR)	10	HR
639.19	FIELD OFFICE TYPE B	1	EA
643.711	TRAFFIC SIGNAL MODIFICATION (TEMPORARY)	1	LS
652.312	TYPE III BARRICADE	4	EA
652.313	TEMPORARY PEDESTRIAN BARRICADE, ADA COMPLIANT	225	LF
652.33	DRUM	25	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	900	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES (60 CD)	1	LS
652.38	FLAGGER	240	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	4	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

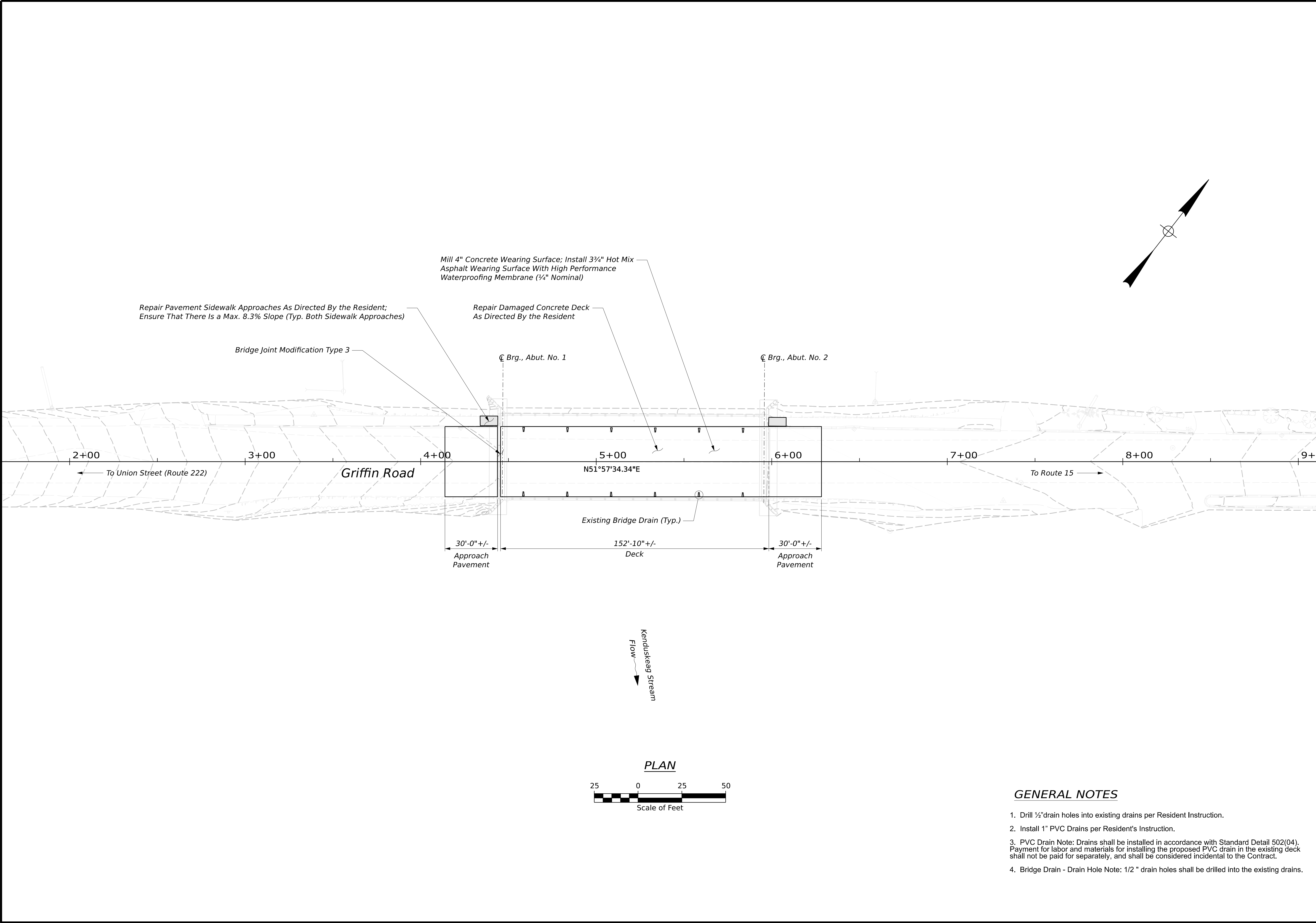
1. Protective Coating for Concrete Surfaces shall be applied to the following areas:  
  
All exposed surfaces of concrete curbs and sidewalks,  
Fascias down to the drip notch and  
All exposed surfaces of Concrete Transition Barriers.
2. Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>
3. The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.
4. Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:  
  
a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.  
  
b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.  
  
c. If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation and Time.
5. The Contractor shall install additional daily timing plans into the existing traffic signal controllers at the intersections of the Griffin Road with Ohio Street, Kenduskeag Avenue, Broadway, and Union Street. For specific requirements, see Special Provision Section 643 - Traffic Signs Modifications - Temporary.
6. Dimensions and details shown in these plans have been obtained from limited field measurements and may not accurately reflect actual field conditions. Accordingly, the Contractor shall take field measurements- of all existing components impacted by the proposed work to ensure consistency with the proposed work. Any discrepancies in dimensions, character or extent of the existing features that affect the proposed work shall be brought to the attention of the Resident before advancing the work.

BANGOR

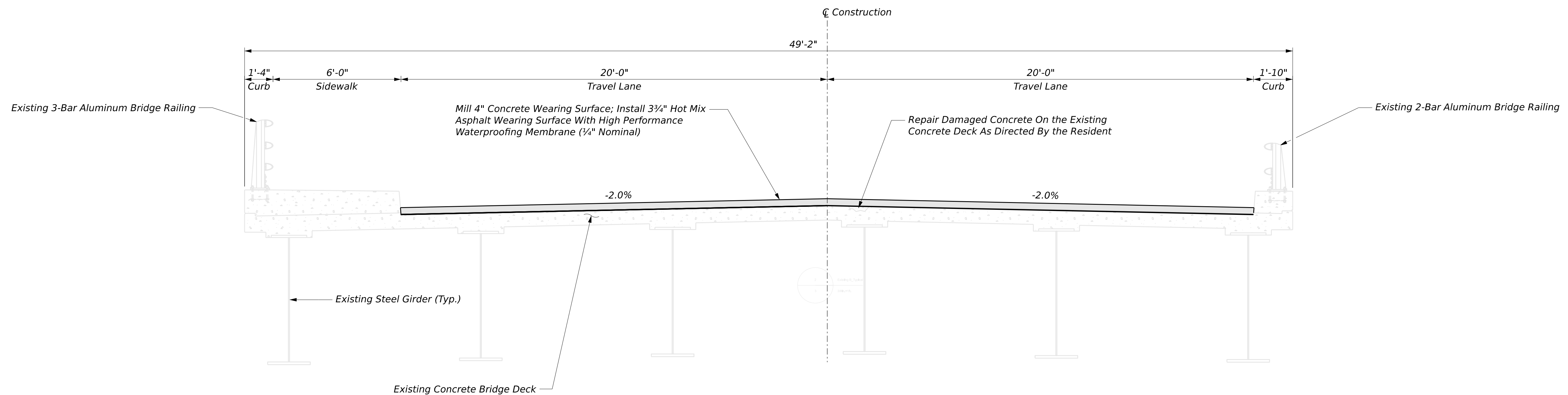
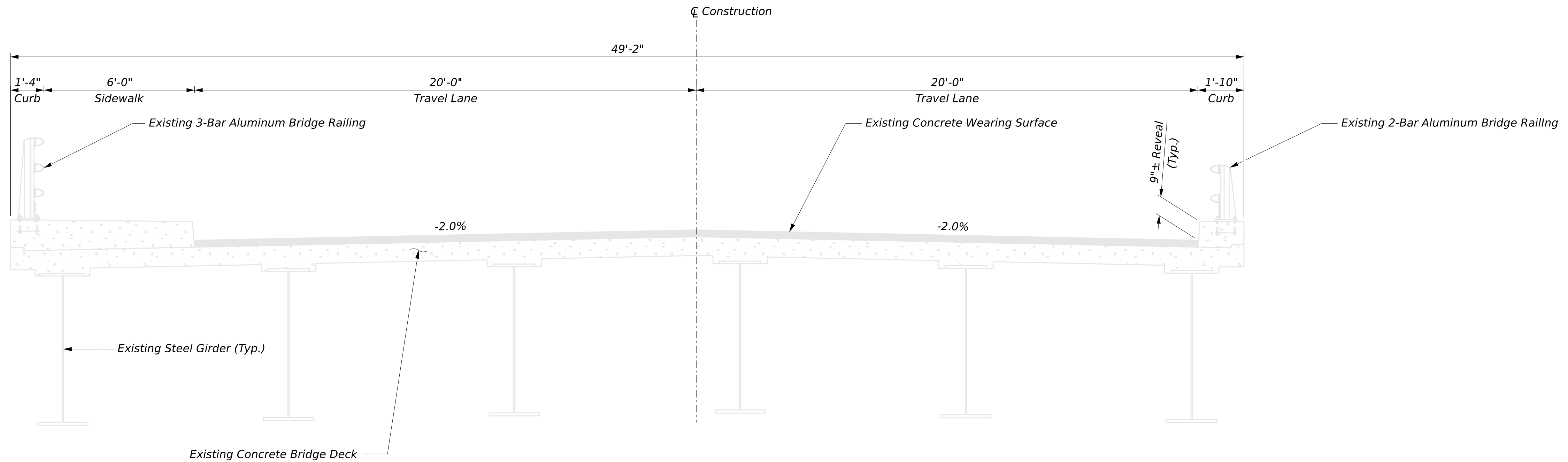
BULLS EYE BRIDGE

ESTIMATED QUANTITIES AND

GENERAL CONSTRUCTION NOTES



SHEET NUMBER  3  OF 7	BANGOR BULLS EYE BRIDGE		PROJ. MANAGER	M. WIGHT	BY	DATE
			DESIGN DETAILER	CUBB	R. MAYER	JUN. 2024
			CHECKED	REVIEWED		
			DESIGNER	DETAILER		
			DESIGNER	DETAILER		
			DESIGNER	DETAILER		
			REVISIONS 1			
			REVISIONS 2			
			REVISIONS 3			
			REVISIONS 4			
FIELD CHANGES						
GENERAL PLAN		DATE				
		P.E. NUMBER				
		SIGNATURE				



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

2707400

BRIDGE NO. 3301	27074.00	BRIDGE PLANS
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PROJ.	MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	CVOB	R. WAYER	JUN 2024	
CHECKED-REVISED				
DESIGN2-DETAILED2				
DESIGN3-DETAILED3				
REVIEWS 1				
REVIEWS 2				
REVIEWS 3				
REVIEWS 4				
FIELD CHANGES				

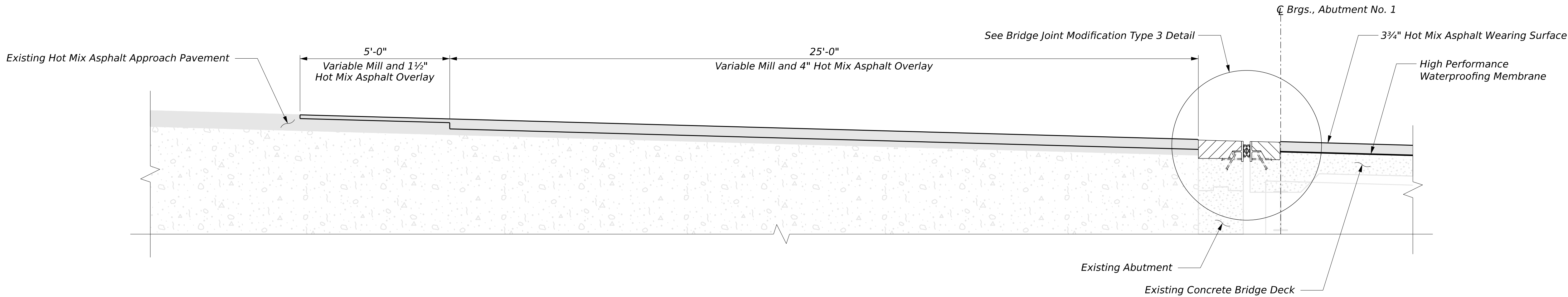
# BANGOR BULLS EYE BRIDGE

# TYPICAL SECTIONS

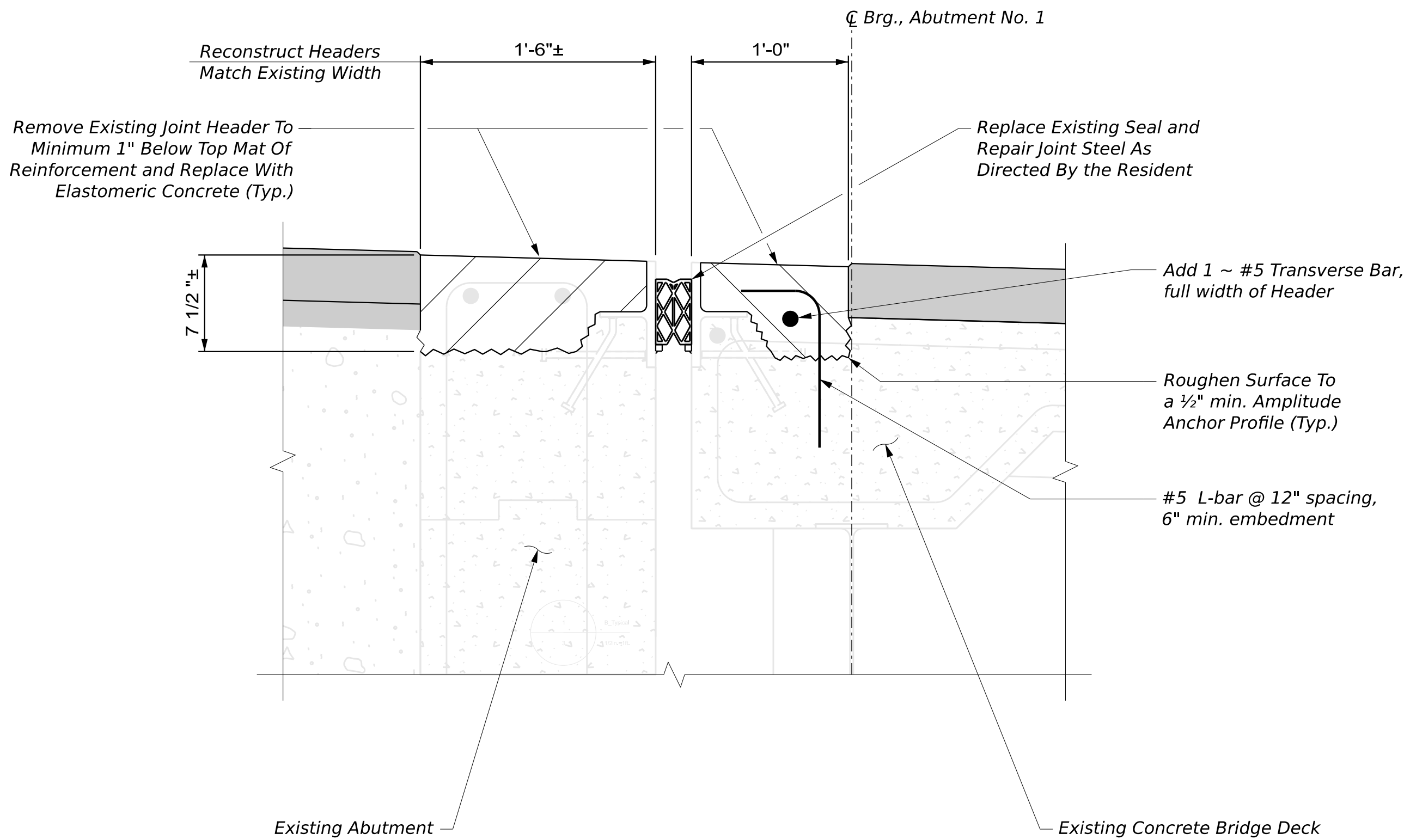
**SHEET NUMBER**

4

**DF 7**

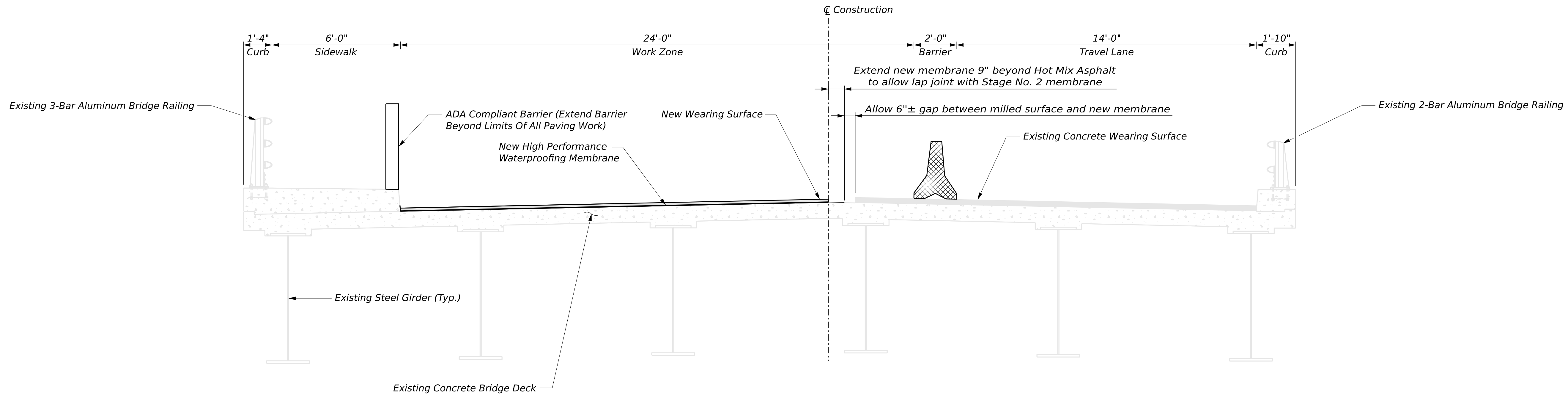


MILL AND OVERLAY SECTION

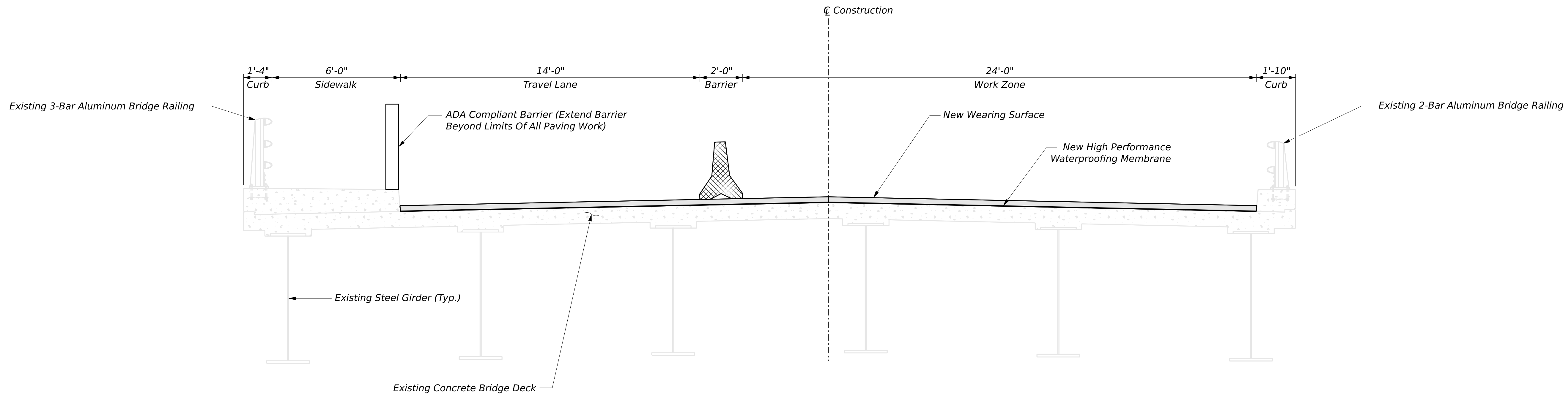


BRIDGE JOINT MODIFICATION  
TYPE 3 DETAIL

STATE OF MAINE DEPARTMENT OF TRANSPORTATION					SIGNATURE
				P.E. NUMBER	
				DATE	
				BRIDGE NO. 3301	
				BRIDGE PLANS	



STAGE NO. 1



STAGE NO. 2

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	2707400		WIN	27074.00	BRIDGE NO. 3301	BRIDGE PLANS
BANGOR BULLS EYE BRIDGE STAGED CONSTRUCTION SECTIONS	PROJ. MANAGER	M. WIGHT	BY	DATE		
	CHECKED-REVIEWED	CVOB	R. WATERS	JUN 2024	SIGNATURE	
	DESIGN2-DETAILED2				P.E. NUMBER	
	DESIGN3-DETAILED3				DATE	
	REVISIONS 1					
	REVISIONS 2					
	REVISIONS 3					
	REVISIONS 4					
	FIELD CHANGES					
SHEET NUMBER		6				
OF		7				



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