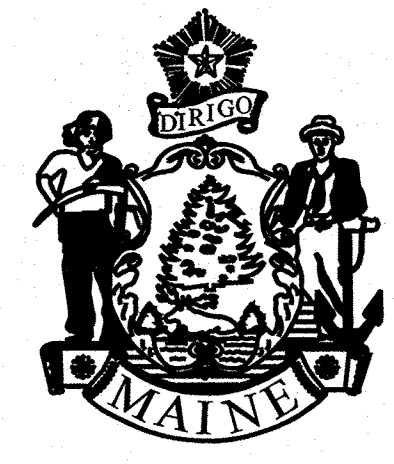


STATE OF MAINE DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

Design: AASHTO Standard Specification for Highway Bridges, 1965 with Interim Specifications 1966-1967.

DESIGN LOADING

Live Load HS20-44

MATERIALS

Concrete:
Concrete Wearing Surface Class "A"
(Fiber Reinforced, See SP 502)

BASIC DESIGN STRESSES

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

LIST OF DRAWINGS

Title Sheet	1
Quantities & Notes	2
General Plan	3
Typical Sections	4
Staged Construction Sections	5

BRIDGTON CUMBERLAND COUNTY PONDICHERRY BRIDGE OVER STEVENS BROOK US 302 (PORTLAND RD) PROJECT NO. 030171.00 PROJECT LENGTH 0.009 mi. BRIDGE NO. 2681

UTILITIES

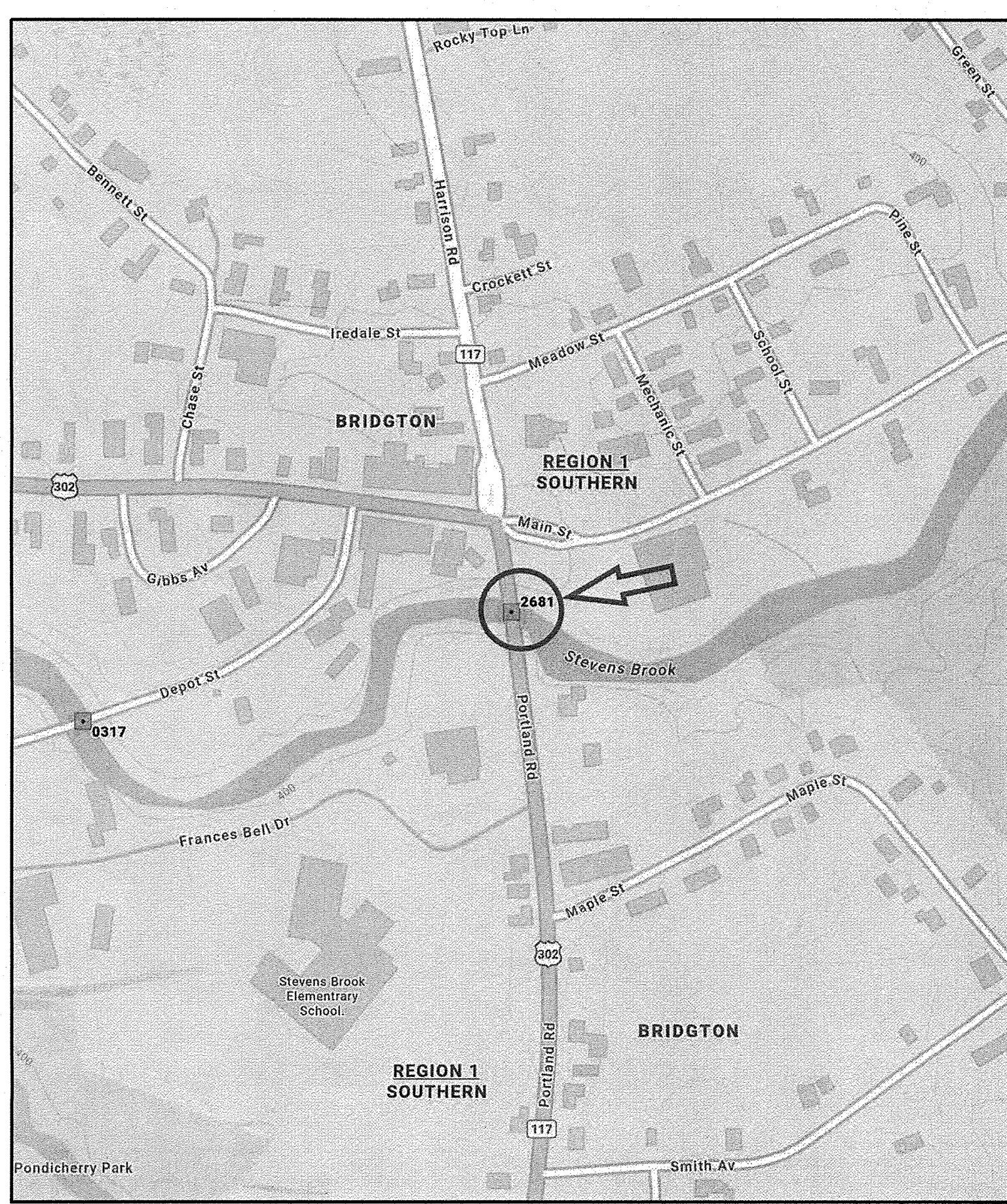
Central Maine Power
Charter Communications
Consolidated Communications
Firstlight
Bridgton Water District

TRAFFIC DATA

Current (2026) AADT	10,200
Future (2046) AADT	11,220
DHV - % of AADT	11%
Design Hour Volume	1231
Heavy Trucks (% of AADT)	7%
Heavy Trucks (% of DHV)	5%
Directional Distribution (% of DHV)	51%
18 kip Equivalent P 2.0	277
18 kip Equivalent P 2.5	264
Posted Speed (mph)	25 mph

MAINTENANCE OF TRAFFIC

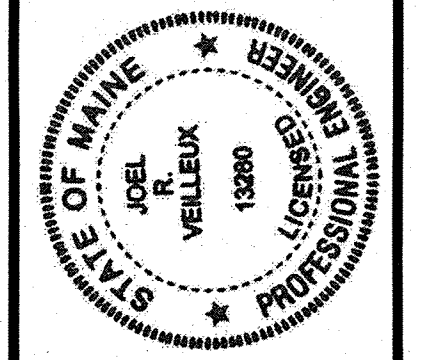
Maintain two 12'-0" wide lanes of traffic, one in each direction, over the bridge, at all times, using staged construction.



LOCATION MAP

PROJECT LOCATION	Pondicherry Bridge (#2681) over Stevens Brook Lat./Long. 44°03'12.64" N 70°42'05.54" W
PROGRAM AREA	Maintenance & Operations
OUTLINE OF WORK	Bridge Wearing Surface Replacement

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	3-31-26	3-29-26
CHIEF ENGINEER: <i>[Signature]</i>		



Joel Velleux
SIGNATURE
13280
P.E. NUMBER
3/30/2026
DATE

PROJECT INFORMATION	
MAINTENANCE & OPERATIONS	M&O REGION 1
PROJECT MANAGER	JOEL VELLEUX
DESIGNER	
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 030171.00

BRIDGTON
PONDICHERRY BRIDGE
TITLE SHEET

SHEET NUMBER
1
OF 5

Date: 3/30/2026

Username: joel.r.velleux

Division: BRIDGE

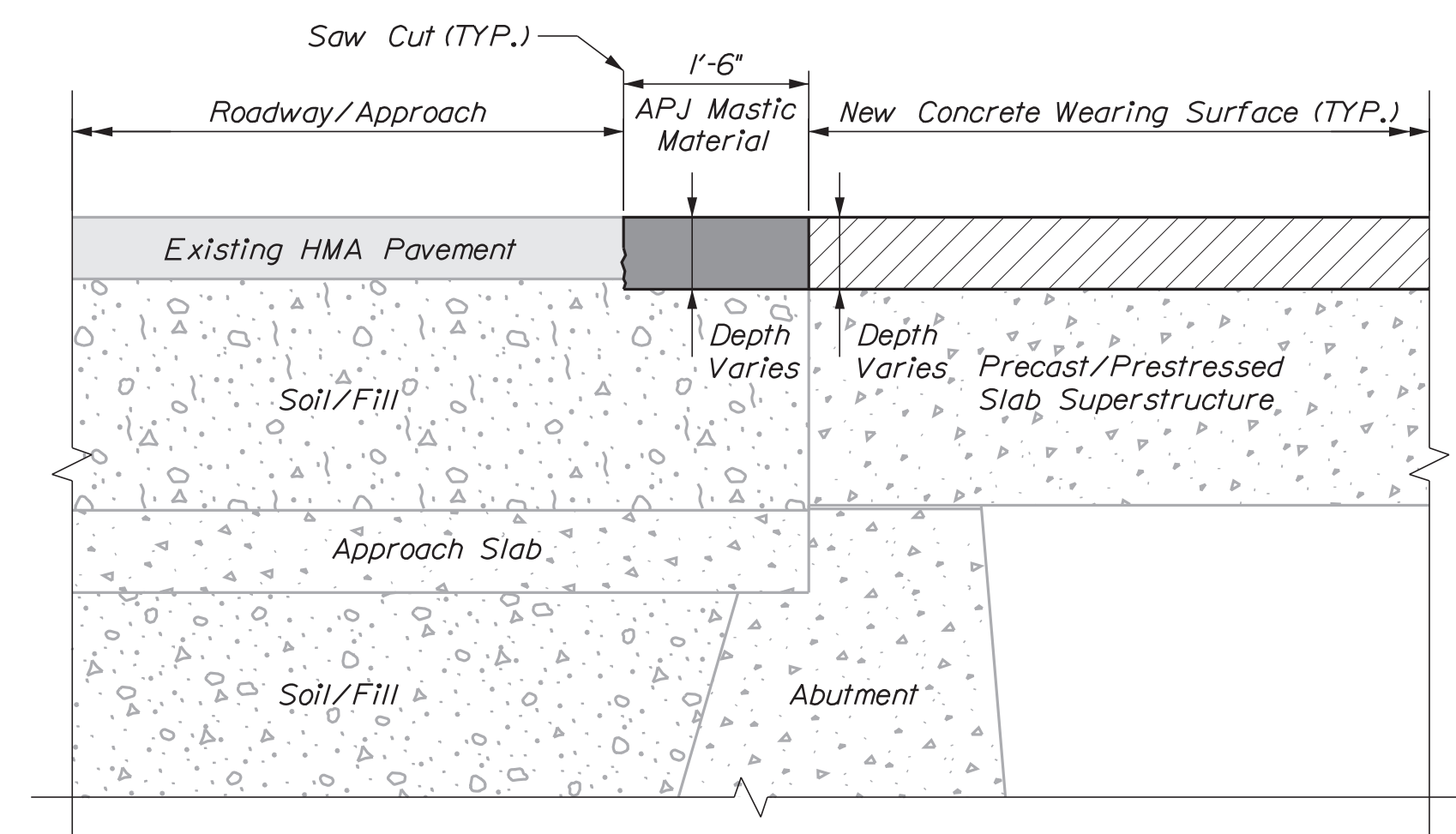
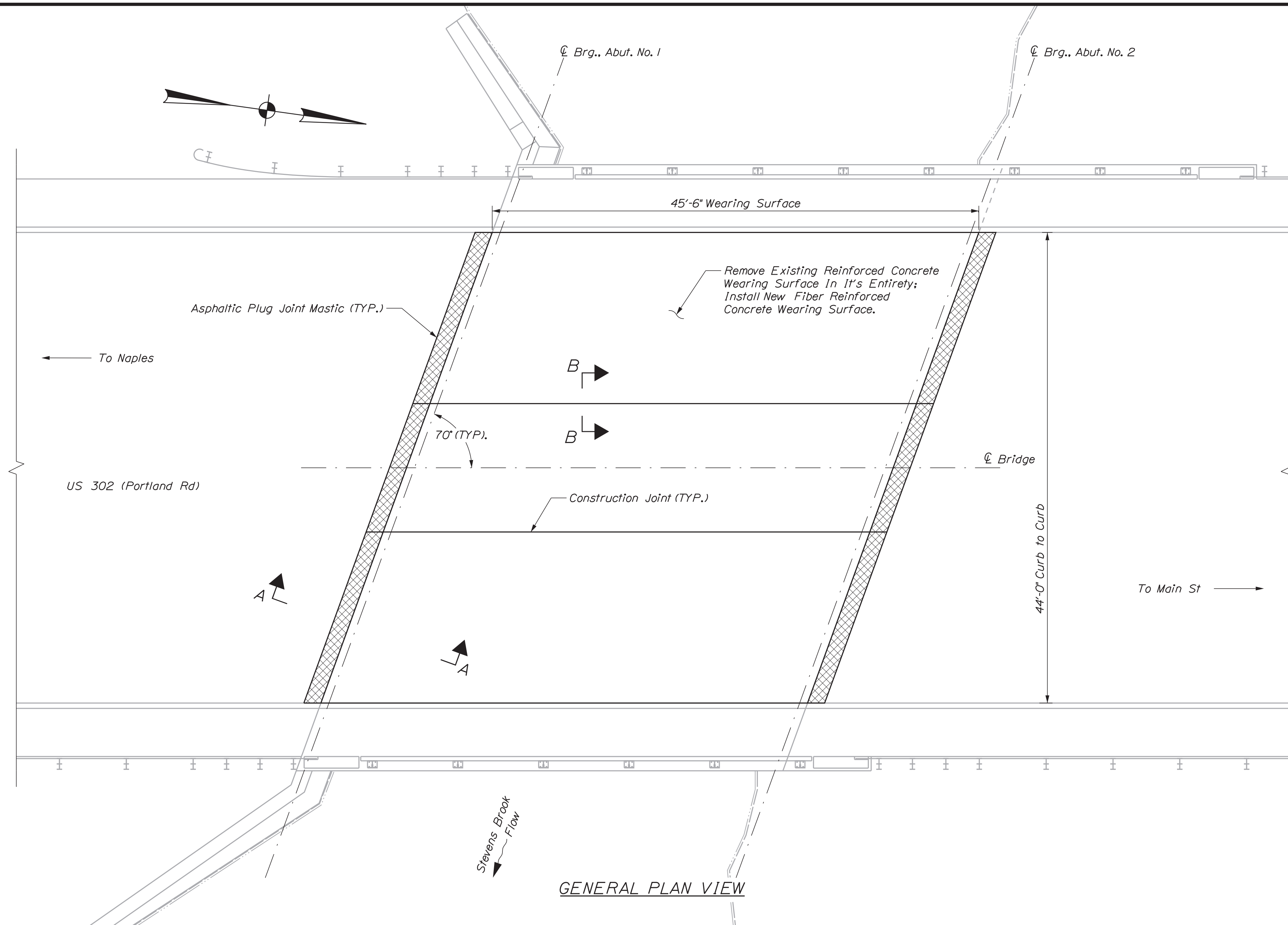
Filename: \JRV CAD\001 Title Sheet.dgn

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.202	REMOVING PAVEMENT SURFACE	20	SY
202.30	REMOVING EXISTING CONCRETE WEARING SURFACE (173 SY)	1	LS
424.386	MASTIC FOR ASPHALTIC PLUG JOINT REPLACEMENT, > 1.25 INCH (2.5 CY)	95	LF
502.44	STRUCTURAL CONCRETE WEARING SURFACE ON BRIDGES	33	CY
515.20	PROTECTIVE COATING FOR CONCRETE SURFACES	225	SY
526.301	PORTABLE CONCRETE BARRIER TYPE 1 (200 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	2	UN
627.511	TEMPORARY PAVEMENT LINE TAPE, YELLOW OR WHITE	600	SF
627.512	REMOVEABLE BLACK LINE MASKING TAPE	300	SF
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	200	LF
627.75	WHITE OR YELLOW PAVEMENT & CURB MARKING	45	SF
652.31	TYPE 1 BARRICADE	4	EA
652.33	DRUM	25	EA
652.34	CONE	100	EA
652.35	CONSTRUCTION SIGNS	500	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	100	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	3	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

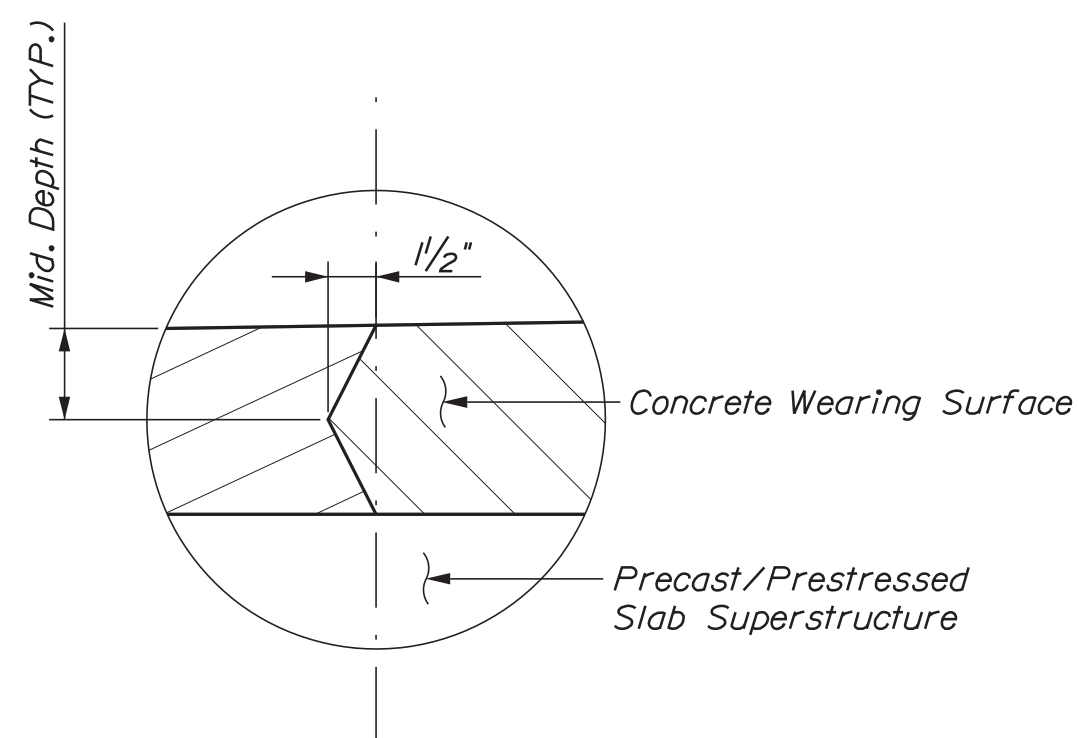
GENERAL CONSTRUCTION NOTES

- All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
- Protective Coating for Concrete Surfaces shall be applied to the following areas: Top of new concrete wearing surface.
- Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>
- 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.
- 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:
 - If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.
 - If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.
 - 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.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION MAINTENANCE & OPERATIONS		BRIDGE NO. 2681 WIN 030171.00 BRIDGE PLANS
	SIGNATURE P.E. NUMBER DATE	
	DATE 3/2026	
	BY J. VELLEUX	
	M&O REGION J. VELLEUX	
	DESIGN-DETAILED J. VELLEUX	
	CHECKED-REVIEWED J. VELLEUX	
	DESIGN-DETAILED J. VELLEUX	
	REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	
PONDCHERRY BRIDGE OVER STEVENS BROOK BRIDGTON CUMBERLAND COUNTY QUANTITIES & NOTES		
SHEET NUMBER 2 OF 5		



SECTION A-A
(Abutment No. 1 Shown, Abutment No. 2 Similar)

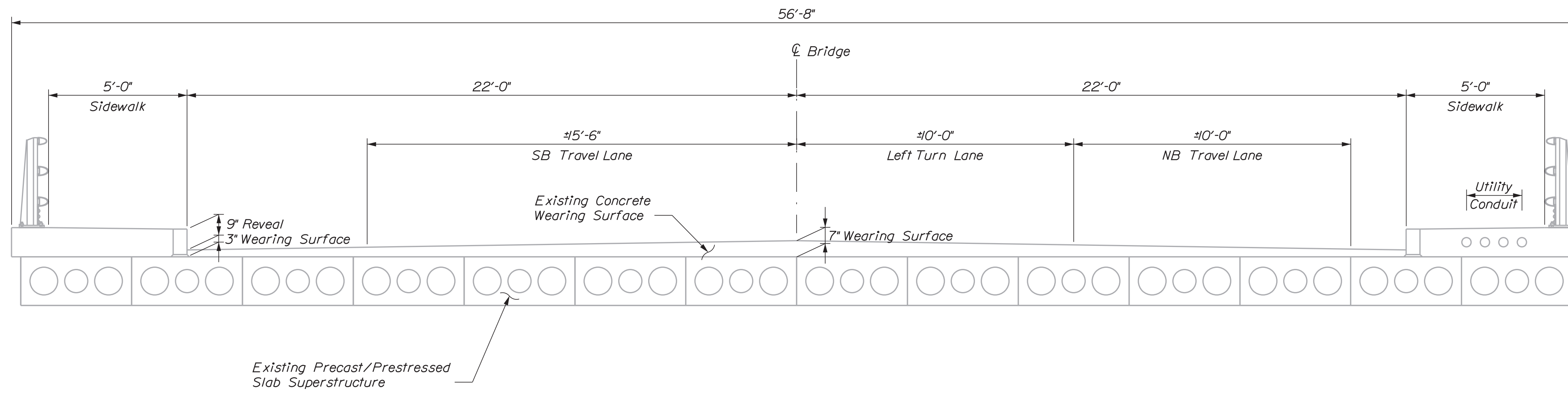


SECTION B-B
(Construction Joint - Keyway)

WEARING SURFACE NOTES

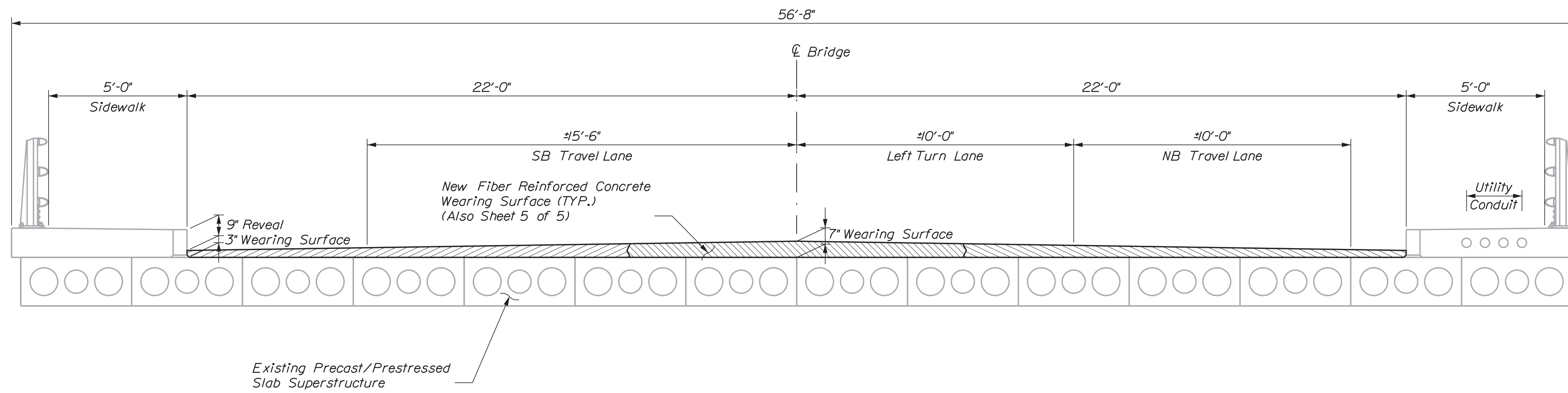
1. Wearing surface concrete mix design shall be class A and shall be proportioned with macro synthetic fibers as specified in Special Provision 502 - Concrete Wearing Surface.
2. Concrete finish shall be a tined finish. An aggressive broom finish may be substituted at the discretion of the Resident in the event the fiber reinforced concrete is not capable of being tined finished by traditional methods.
3. Concrete wet curing, 14 days, see Special Provision 502 Concrete Wearing Surface.
4. Upon the full curing period of the concrete wearing surface, protective coating for concrete surfaces shall be applied in accordance with Standard Specification 515.20. Protective coating may be applied in stages to coincide with the staged construction.
5. Mastic material shall be placed in accordance with Special Provision Section 424. The approximate total quantity of mastic, as detailed, 60 cu ft.
6. All existing pavement markings shall be replaced in-kind.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		MAINTENANCE & OPERATIONS	
PROJ. MANAGER	M&O REGION 1	BY	DATE	SIGNATURE	P.E. NUMBER
DESIGN DETAILED	J. VELLEUX	J. VELLEUX	2/2026		
CHECKED/REVIEWED					
DESIGN DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					
PONDCHERRY BRIDGE OVER STEVENS BROOK BRIDGTON CUMBERLAND COUNTY			GENERAL PLAN		
SHEET NUMBER			3		
			OF 5		
			BRIDGE NO. 2681		
			WIN 030171.00		
			BRIDGE PLANS		



NOTE: Existing concrete wearing surface may contain reinforcing steel as shown on the original bridge plans.

EXISTING TYPICAL SECTION



NOTE: Use caution while removing the existing wearing surface. DO NOT demo into existing precast/prestressed voided slab superstructure.

PROPOSED TYPICAL SECTION

Date: 2/13/2026

Username: joel.r.velleux

Division: BRIDGE

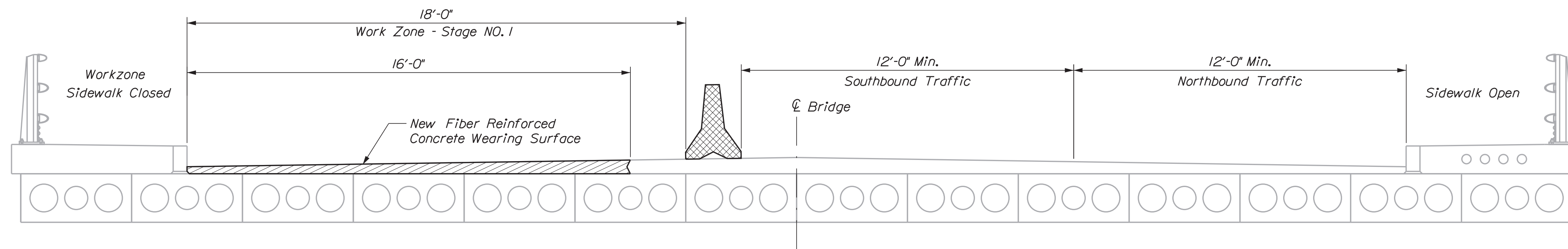
Filename: ... \004 Typical Sections.dgn

DESIGN-DETAILED	J. VELLEUX	DATE	2/2026
CHECKED-REVIEWED	J. VELLEUX	BY	J. VELLEUX
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

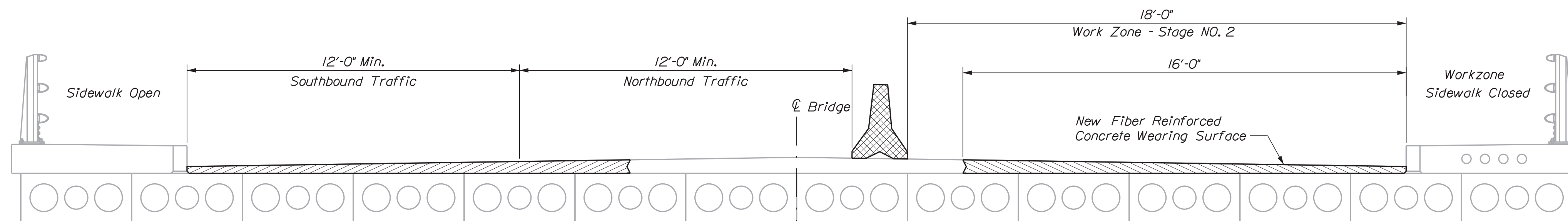
SHEET NUMBER

4

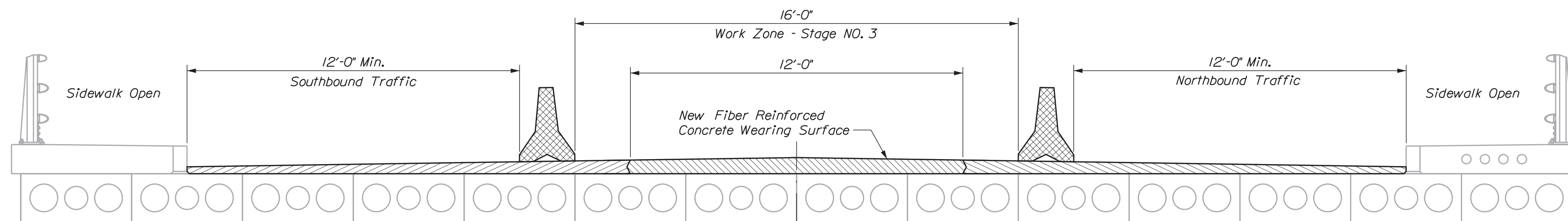
OF 5



STAGE NO. 1



STAGE NO. 2



STAGE NO. 3

NOTES

1. The wearing surface replacement work shall be done in three stages as shown, to maintain two 12'-0" travel lanes over the bridge at all times during construction.
2. The stages of construction shown are for illustrative purposes and may be adjusted slightly, as needed, to facilitate the Traffic Control Plan that is designed by the Contractor's Traffic Control Plan Engineer.
3. The stages of construction are not required to be done in any particular order and may be done in the order as determined by the Contractor.

Date: 2/13/2026

Username: joel.r.velleux

Filename: ... \005 Staged Construction Sections.dgn Division: BRIDGE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINTENANCE & OPERATIONS
WIN 030171.00
BRIDGE NO. 2681
BRIDGE PLANS

PROJ. MANAGER	M&O REGION 1	BY	DATE
DESIGN DETAILED	J. VELLEUX	J. VELLEUX	2/2026
CHECKED/REVIEWED			
DESIGN DETAILED 2			
DESIGN DETAILED 3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE			
P.E. NUMBER			
DATE			

PONDICHERY BRIDGE
OVER STEVENS BROOK
BRIDGTON CUMBERLAND COUNTY
STAGED CONSTRUCTION SECTIONS

SHEET NUMBER
5
OF 5