

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



CALAIS WASHINGTON COUNTY INTERNATIONAL BRIDGE OVER ST. CROIX RIVER ROUTE 9 PROJECT NO. 021679.00 PROJECT LENGTH 0.12 mi. BRIDGE NO. 6440

SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Seventh Edition 2014 and Interim Specifications through 2016.

TRAFFIC DATA

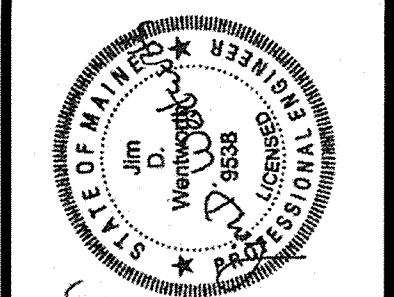
Current (2017) AADT.....	2080
Future (2037) AADT.....	2180
DHV - % of AADT.....	12%
Design Hour Volume.....	275
Heavy Trucks (% of AADT).....	26%
Heavy Trucks (% of DHV).....	26%
Directional Distribution (% of DHV).....	53%
18 kip Equivalent P 2.0.....	563
18 kip Equivalent P 2.5.....	536
Design Speed (mph).....	45

MAINTENANCE OF TRAFFIC

Maintain two-way traffic. Maintain one 14'-0" wide lane of traffic in each direction at all times.

LIST OF DRAWINGS

Title Sheet.....	1
Estimated Quantities & General Notes.....	2
Superstructure Details.....	3



Jim D. Wentworth
SIGNATURE
9538
P.E. NUMBER
11-2-2017
DATE

PROGRAM	BRIDGE
PROJECT MANAGER	D. ANDERSON
DESIGNER	T. TURCOTTE
CONSULTANT	KLEINFELDER
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

CALAIS
INTERNATIONAL BRIDGE
TITLE SHEET

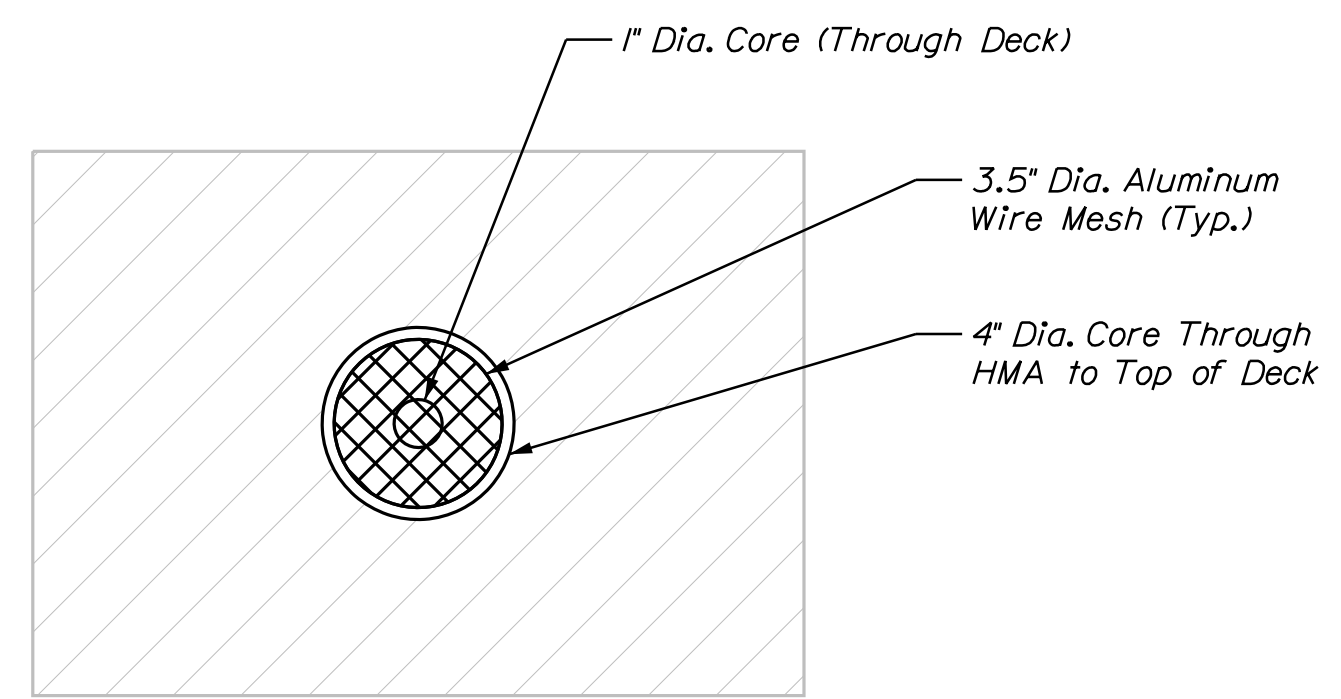
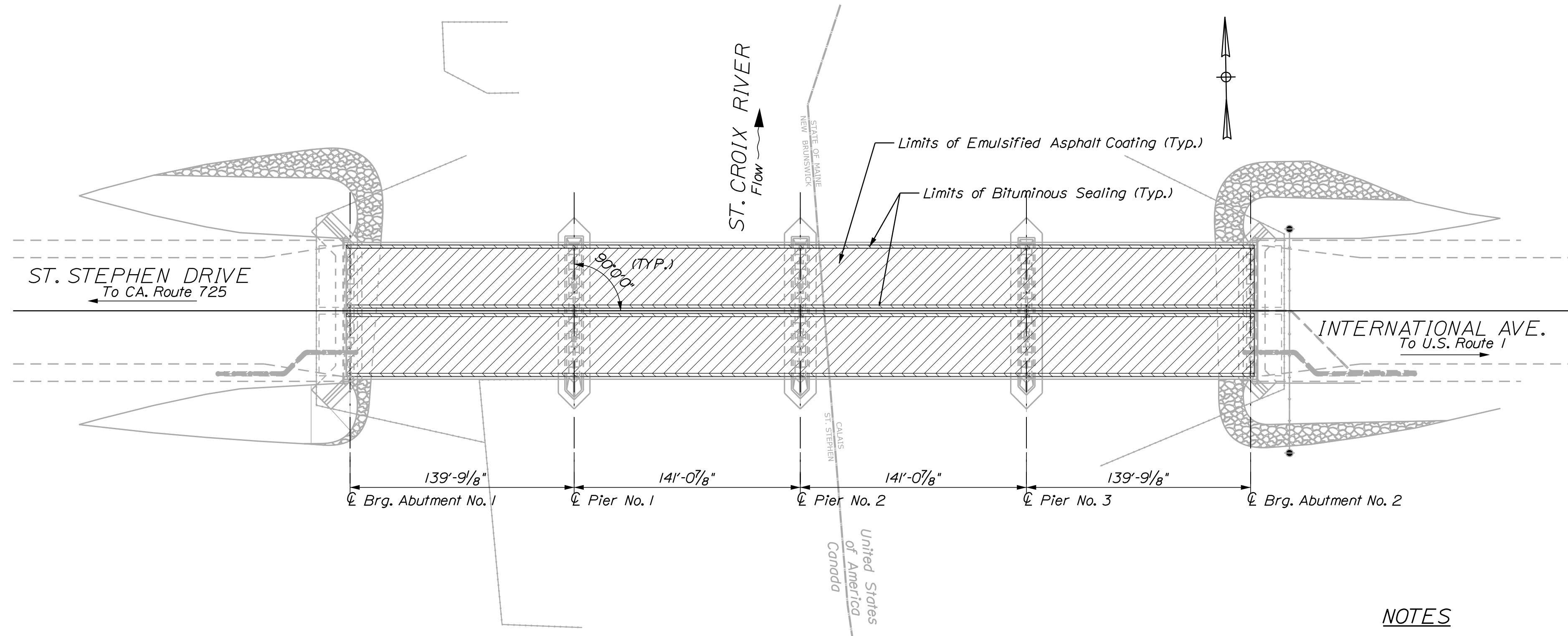
SHEET NUMBER
1
OF 3

WIN 21679.00

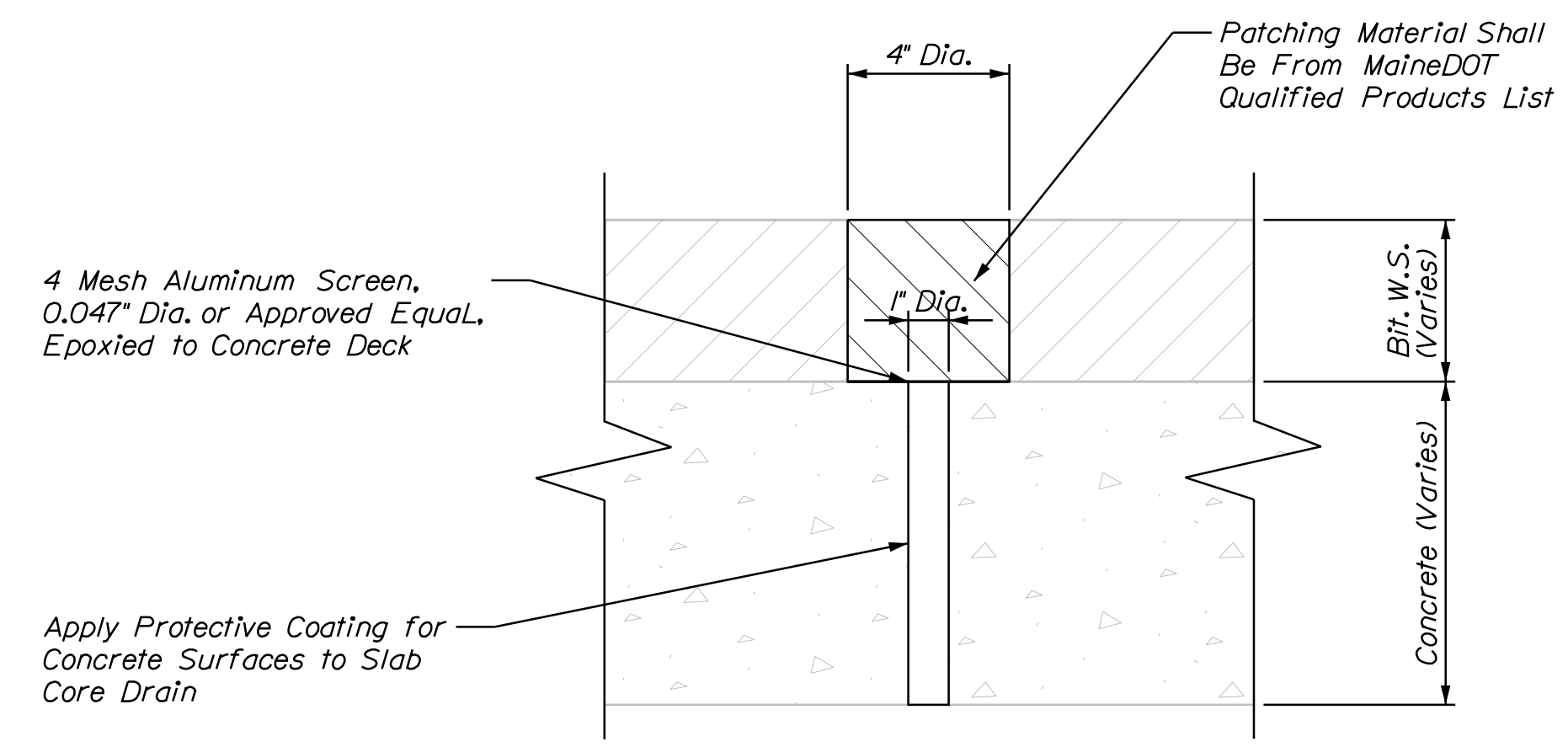
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
	<i>[Signature]</i>	12/1/17
COMMISSIONER:		
CHIEF ENGINEER:	<i>[Signature]</i>	12-1-17

PROJECT LOCATION:	International Ave./St. Stephen Drive over St. Croix River Latitude 45°-9'-40" N Longitude 67°-18'-9" W
PROGRAM AREA:	Bridge Program
OUTLINE OF WORK:	Bridge Rehabilitation: <ul style="list-style-type: none"> - Install Superstructure Deck Core Drains - Install Emulsified Asphalt Sealcoat - Install Asphalt Low Modulus Crack Sealer - Install Protective Coating For Concrete Surfaces

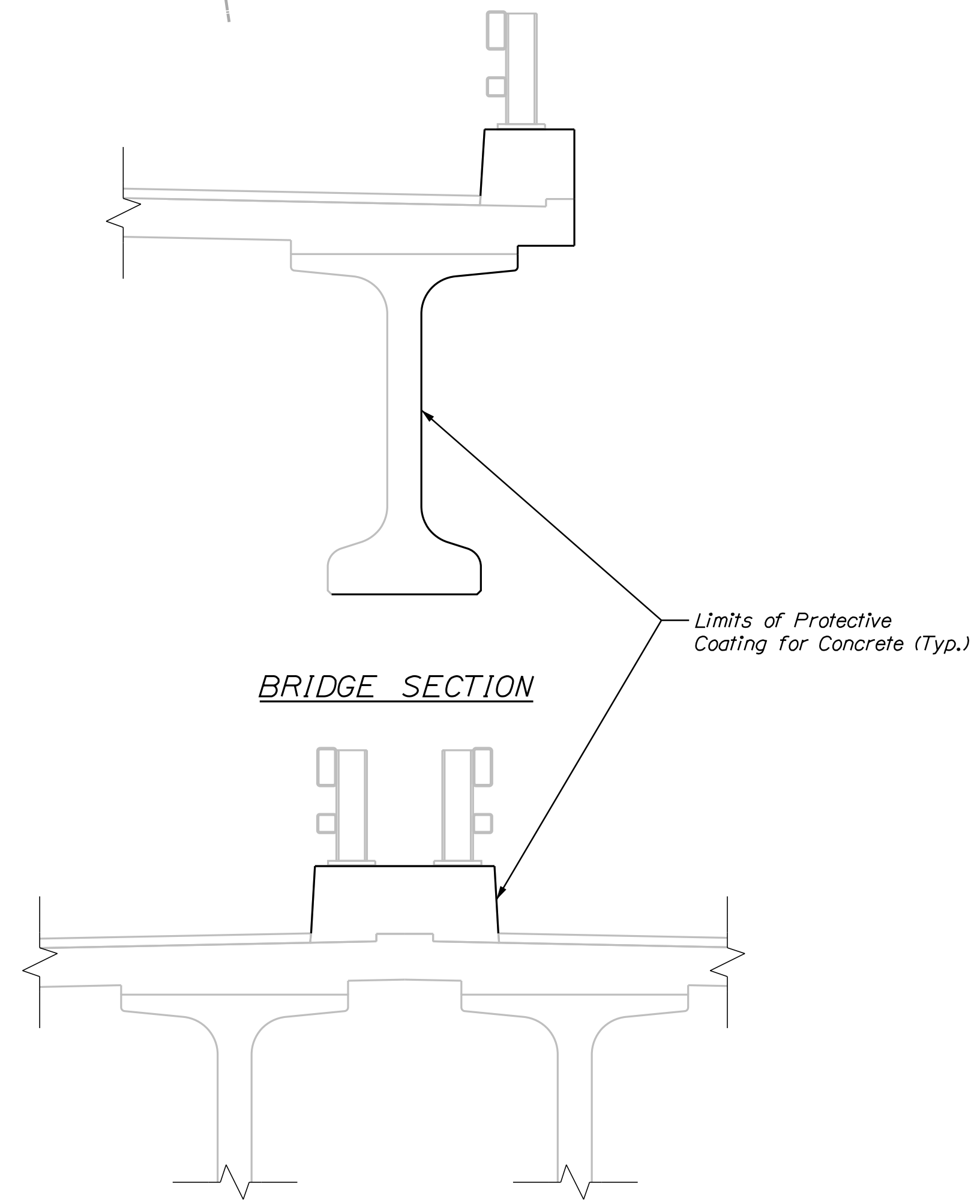
Date: 11/2/2017
Username: TWolfel
Division: HIGHWAY
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SUPERSTRUCTURE SLAB CORE DRAIN PLAN



SUPERSTRUCTURE SLAB CORE DRAIN SECTION



BRIDGE SECTION

MEDIAN CURB SECTION

NOTES

1. Superstructure Slab Core Drains Locations Shall be Determined by the Resident. Drain Locations Shall be Verified by the Contractor to Avoid Conflicting Reinforcing Steel in the Superstructure Slab. All Labor, Equipment, Materials, and Incidentals to Construct the Core Drains Shall be Measured as Each Complete and Accepted, and Shall be Paid for Under Item 518.10 Superstructure Slab Core Drains.
2. Protective Coating for Concrete Surfaces Shall be Applied as Shown to Entire Fascia Curbs, Deck Fascia, and Concrete Girders. The Entire Median Curb shall Also Have Concrete Protective Coating Applied to it.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PROJECT NO. 021679.00	
INTERNATIONAL BRIDGE SAINT CROIX RIVER WASHINGTON COUNTY		BRIDGE NO. 6440 WIN 021679.00 BRIDGE PLANS	
PROJ. MANAGER	D. Anderson	DATE	
DESIGN-DETAILED	T. Turcotte	11/2017	SIGNATURE
CHECKED-REVIEWED	T. Walfe K. Wood	11/2017	P.E. NUMBER
DESIGN-DETAILED	J. Wentworth		DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
CALAIS SUPERSTRUCTURE DETAILS		SHEET NUMBER	
		3	
		OF 3	