

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



TRAFFIC DATA

Current (2018) AADT	4340
Future (2038) AADT	4770
DHV - % of AADT	11%
Design Hour Volume	525
Heavy Trucks (% of AADT)	11%
Heavy Trucks (% of DHV)	6%
Directional Distribution (% of DHV)	53%
18 kip Equivalent P 2.0	417
18 kip Equivalent P 2.5	397
Design Speed (mph)	45

LIST OF DRAWINGS

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Estimated Quantities & General Construction Notes	2
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PALMYRA SOMERSET COUNTY THOMAS JAY MERRY MEMORIAL BRIDGE OVER SEBASTICOOK RIVER ROUTE 2 FEDERAL AID PROJECT 2365300 PROJECT LENGTH 0.048 mi. BRIDGE NO. 2404

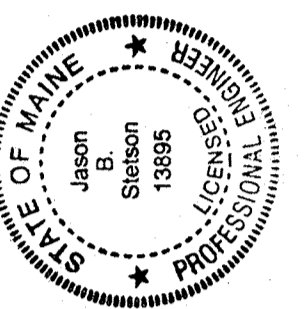
UTILITIES

Central Maine Power
Consolidated Communications of Northern New England

MAINTENANCE OF TRAFFIC

Maintain one lane of alternating traffic using flaggers.

<u>PROJECT LOCATION</u>	Thomas Jay Merry Memorial Bridge No. 2404 in the Town of Palmyra Carrying Route 2 over the Sebasticook River Lat./Long. 44°50'00.66" N 69°24'23.88" W
<u>PROGRAM AREA</u>	Highway Bridges - Traditional
<u>OUTLINE OF WORK</u>	Bridge Wearing Surface Repair. Mill & Fill 1-1/2" Hot Mix Asphalt with Asphaltic Plug Joints.



Jason Stetson
SIGNATURE
13895
P.E. NUMBER
12/16/2017
DATE

PROJECT INFORMATION	
PROGRAM	BRIDGE PROGRAM
PROJECT MANAGER	J. STETSON
DESIGNER	J. STETSON
CONSULTANT	N/A
PROJECT RESIDENT CONTRACTOR	
PROJECT COMPLETION DATE	

PALMYRA
THOMAS JAY MERRY MEMORIAL BRIDGE
TITLE SHEET

SHEET NUMBER
1
OF 3

WIN 23653.00

023653.00

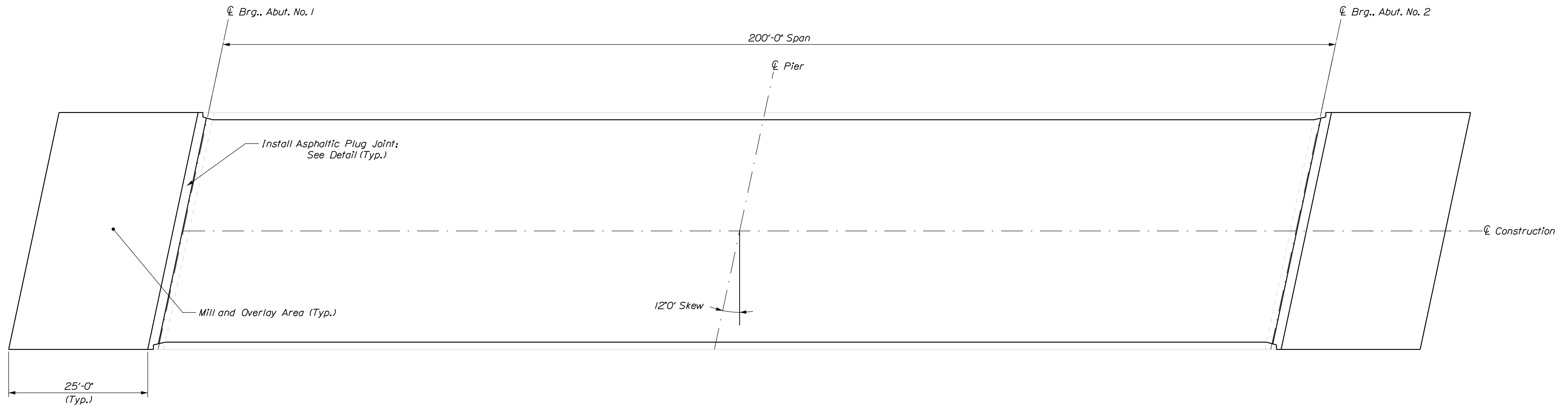
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED: *Scott Noel*
COMMISSIONER: *Scott Noel*
CHIEF ENGINEER: *Scott Noel*
DATE: 12-18-17

Date: 12/16/2019

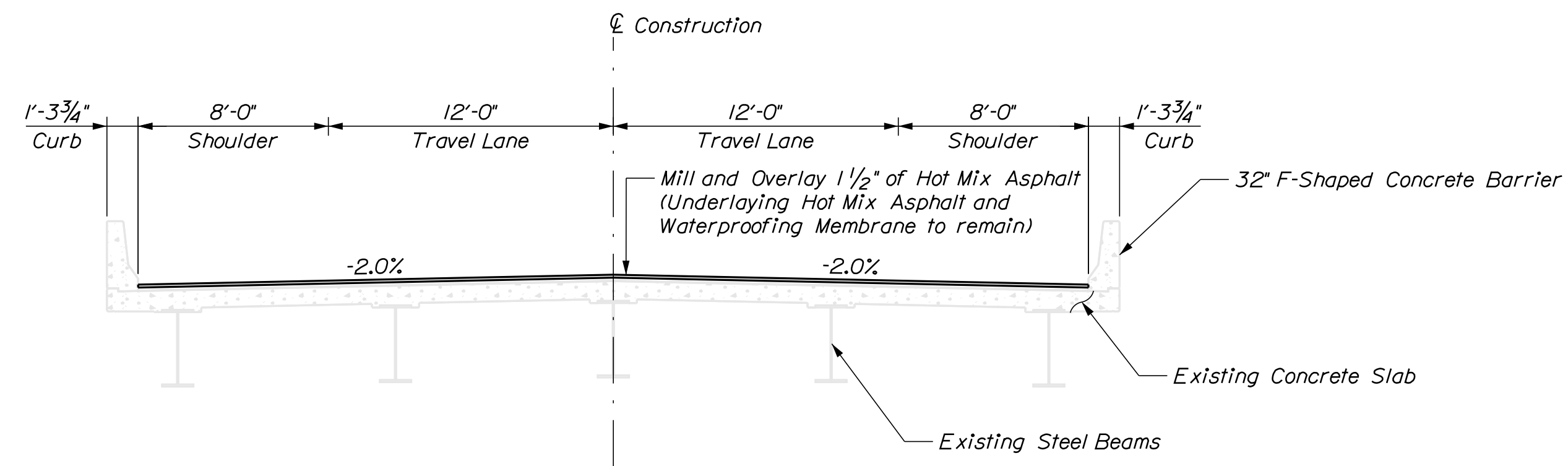
Username: David.Shaw

Division: BRIDGE

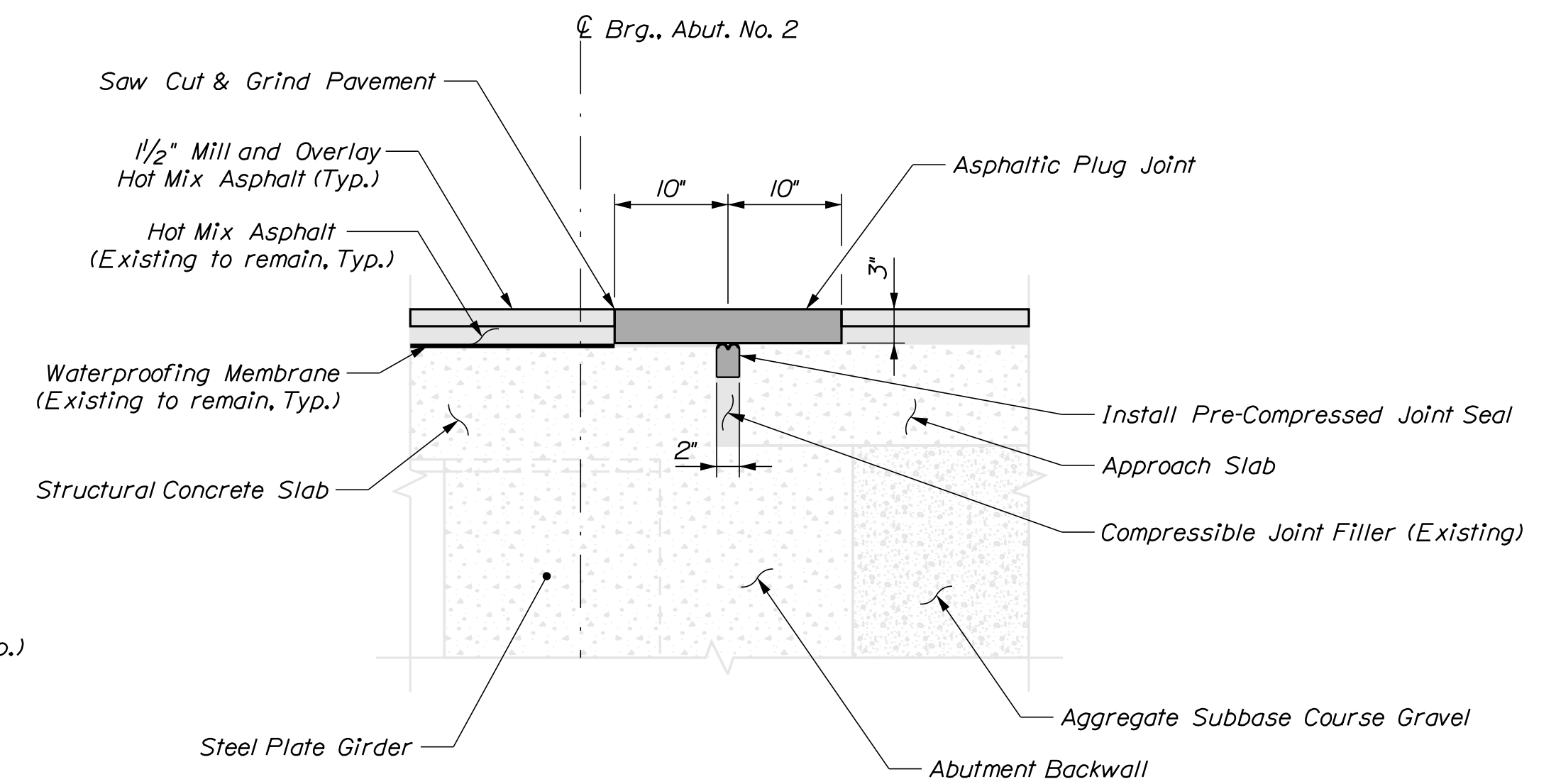
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DECK PLAN

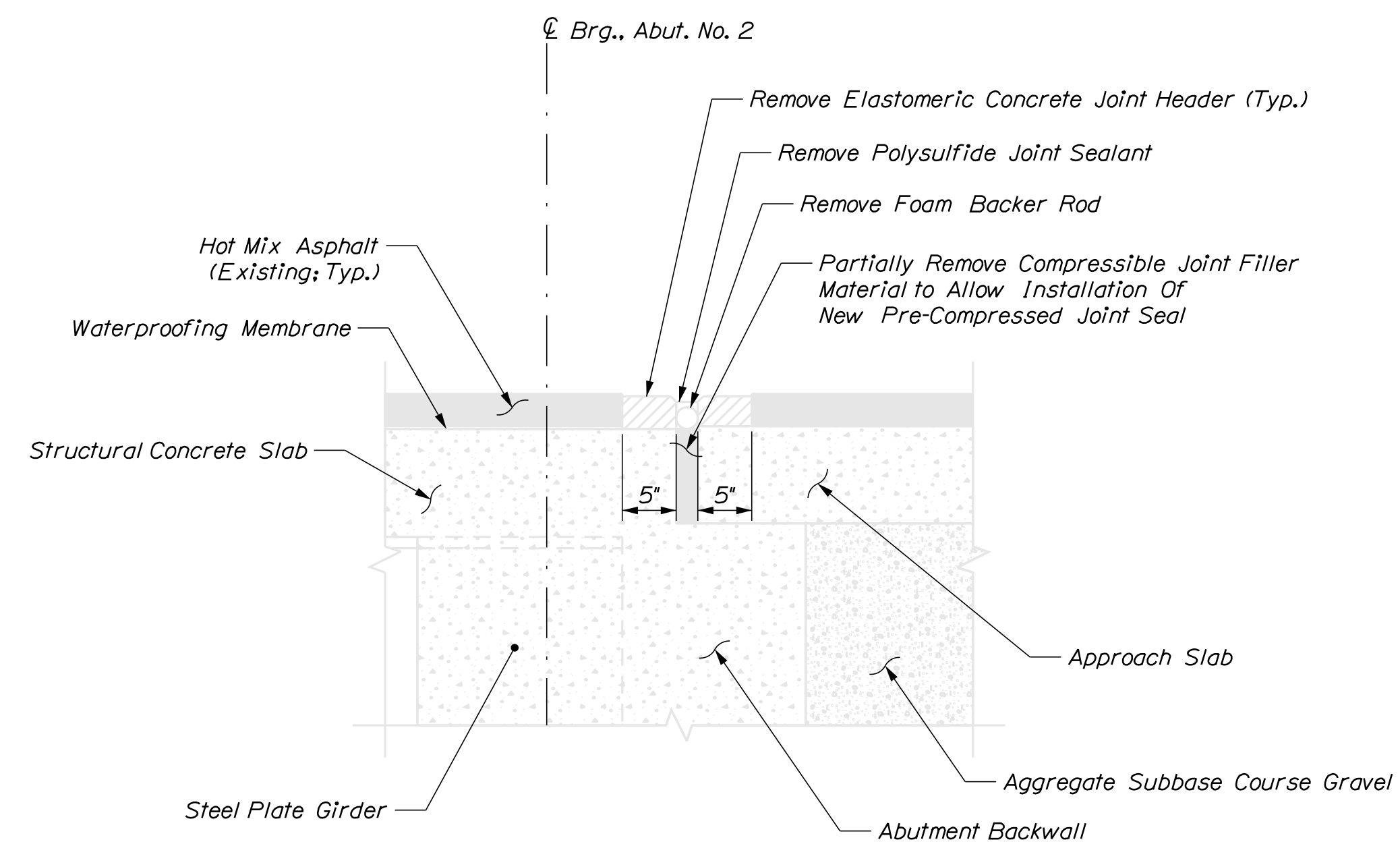


TYPICAL BRIDGE SECTION



ASPHALTIC PLUG JOINT DETAIL

Abutment #2 Shown, Abutment #1 Similar
Asphaltic Plug Joint Applies From Curb to Curb



JOINT DEMOLITION DETAIL

Abutment #2 Shown, Abutment #1 Similar

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

023653.00

WIN

BRIDGE NO. 2404

WIN 23653.00

BRIDGE PLANS

DESIGNED	DATE
CHECKED	SEP 2019
DESIGNED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

PROJ. MANAGER	BY	DATE
J. STETSON	R. MAVER	SEP 2019
DESIGNED		
CHECKED		
DESIGNED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

THOMAS JAY MERRY MEMORIAL BRIDGE
SEBASTICOOK RIVER
PALMYRA
SOMERSET COUNTY
SUPERSTRUCTURE PLANS

SHEET NUMBER

3

OF 3