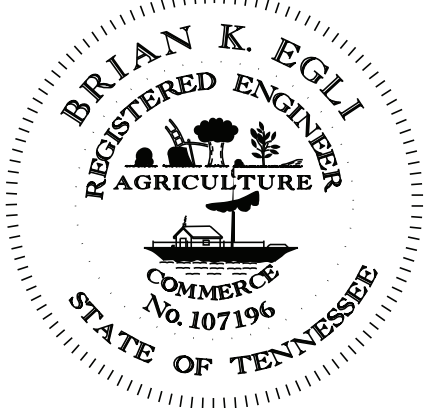




THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

BRIAN KENNETH EGLI
2026.06.25 08:09:22 -05'00'

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

TENNESSEE DEPARTMENT OF TRANSPORTATION
505 DEADERICK STREET, SUITE 1200
NASHVILLE, TN 37243
BRIAN K. EGLI, P.E. NO. 107196

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

SHEET NAME SHEET NO.

SIGNATURE SHEET _____ BRIDGE-SIGN 2
INDEX OF DRAWINGS _____ B-1
BRIDGE TABULATION AND ESTIMATED QUANTITIES,
REPAIRS NOTES AND DETAILS _____ B-2

REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	12-25-26	BE	ADDED SHEET
	- -		
	- -		
	- -		
	- -		

YEAR	PROJECT NO.	SHEET NO.
2026	58S002-M3-007	BRIDGE-SIGN 2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET

PROJECT NO.		YEAR	SHEET NO.
58S002-M3-007		2026	B-1
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	12-25-26	BE	ADDED SHEET AND REVISION DATES
	- -		
	- -		
	- -		
	- -		

INDEX OF DRAWINGS

DWG. NO.

1

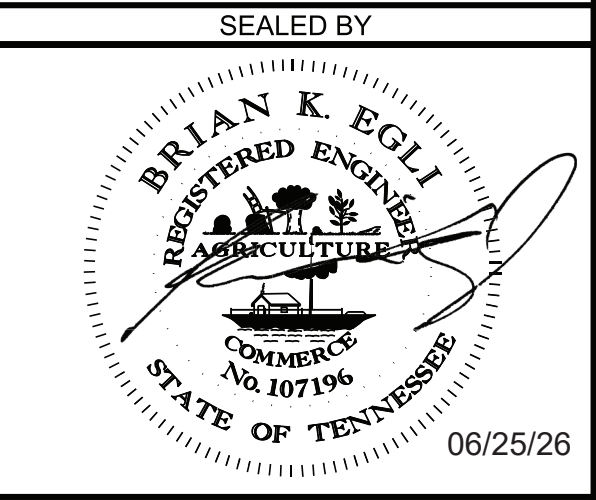
LAST
REV. DATE

SIGNATURE SHEET	-----	BRIDGE-SIGN 2	-----	12-25-26
SIGNATURE SHEET	-----	BRIDGE-SIGN 1		
INDEX OF DRAWINGS	-----	B-1	-----	12-25-26
BRIDGE TABULATION AND ESTIMATED QUANTITIES, REPAIRS NOTES AND DETAILS	-----	B-2	-----	12-25-26
FULL AND PARTIAL REPAIRS NOTES	-----	B-3		
PLAN VIEW REPAIRS LOCATIONS	-----	B-4		
PHASE CONSTRUCTION	-----	B-5		
PLAN VIEW REPAIRS LOCATIONS	-----	B-6		
PHASE CONSTRUCTION	-----	B-7		

INDEX OF REFERENCE DRAWINGS

DWG. NO.

LAYOUT OF BRIDGE	-----	M-307-63
SUPERSTRUCTURE	-----	M-307-66
LAYOUT OF BRIDGE	-----	M-307-76
SUPERSTRUCTURE	-----	M-307-79
REINFORCED CONCRETE PAVEMENT AT BRIDGE ENDS	-----	STD-1-5



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
INDEX OF DRAWINGS
BR.58-SR 002-1.40 (58I00240071)
OVER I-24 W.B.L.
BR.58-A550-0.01 (58I00240007)
OVER I-24 E.B.L.
MARION COUNTY
2026

PIN NO.: 134114.00

DESIGN BY: ASHRAF.ARMANIOS

DRAWN BY: ASHRAF.ARMANIOS

SUPERVISED BY: DARRELL.PALMORE

CHECKED BY: KEVIN.MARTINKO

DATE: 11/13/2025

DATE: 11/13/2025

DATE: 02/25/2026

PROJECT NO.		YEAR	SHEET NO.
58S002-M3-007		2026	B-2
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	6-25-26	BE	ADDED TABLE
	- -		
	- -		
	- -		
	- -		



BRIDGE REPAIR TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	4
730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	L.S.	1

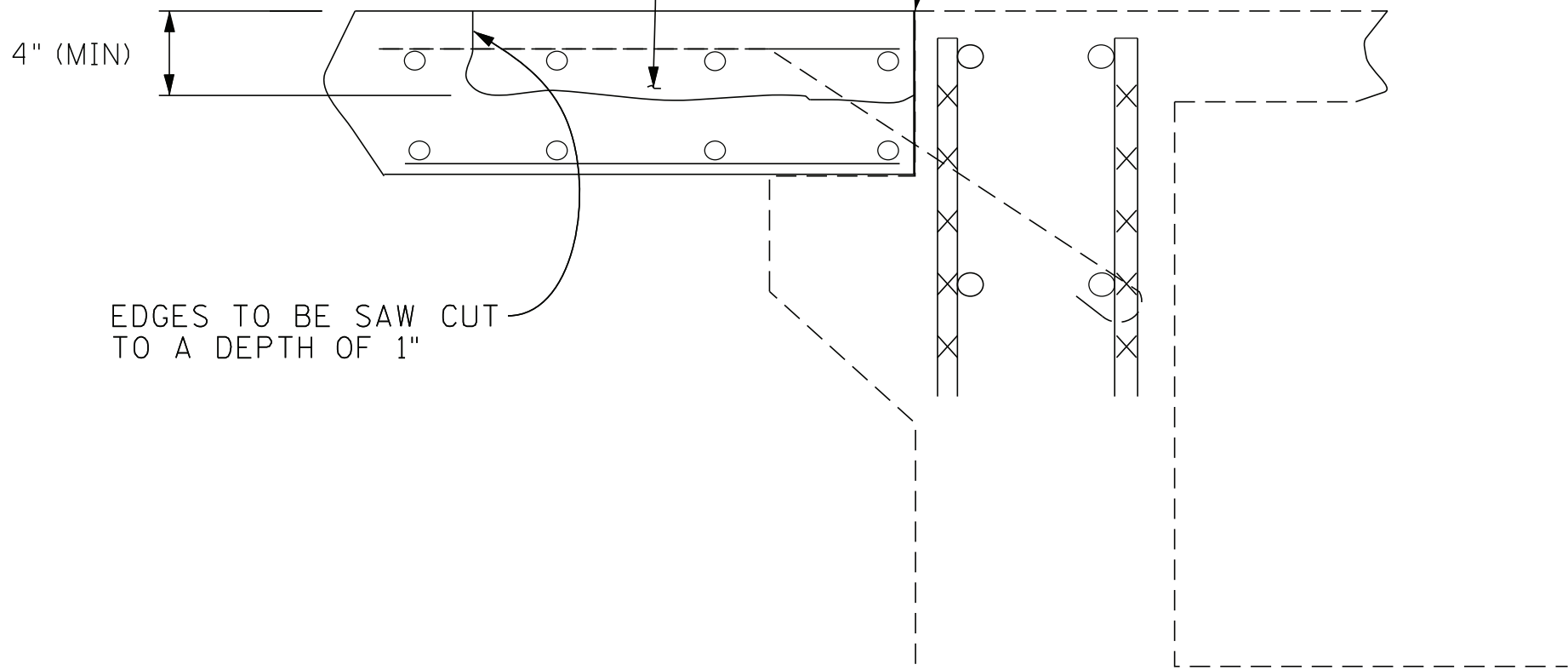
TABULATION OF BRIDGE RELATED WORK AND ESTIMATED QUANTITIES							
LOCATION OF BRIDGE AND BRIDGE NUMBER	REFERENCE DRAWINGS TO BE PRINTED WITH CONTRACT DRAWINGS	TYPE OF WORK	604-10.53 CONCRETE REPAIRS (PARTIAL DEPTH OF APPROACH PAVEMENT) S.Y.	604-10.50 BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB) S.Y. *	604-10.30 BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB) S.Y. **	617-01 BRIDGE DECK SEALANT S.Y.	307-03.08 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "B-M2" TON
58-SR002-1.4 OVER I-24 W.B.L. (58100240071)	M-307-63 M-307-66 STD-1-5	CONCRETE REPAIRS (PARTIAL DEPTH OF APPROACH PAVEMEN)	5	70	5	729	84
58-0A550-0.01 OVER I-24 E.B.L. (58100240007)	M-307-76 M-307-79 STD-1-5	CONCRETE REPAIRS (PARTIAL DEPTH OF APPROACH PAVEMEN)	10	180	40	908	105
TOTAL			15	250	45	1637	189

*DENOTES: PARTIAL DEPTH DECK REPAIRS AREAS WILL BE LOCATED AFTER THE EXISTING ASPHALT IS REMOVED.

**DENOTES: FULL DEPTH DECK REPAIRS AREAS WILL BE LOCATED AFTER THE EXISTING ASPHALT IS REMOVED.

SEE BRIDGE DECK REPAIR MATERIAL NOTE BELOW

INSTALL BOND BREAKER BEFORE PLACING CONCRETE FOR APPROACH SLAB REPAIR.

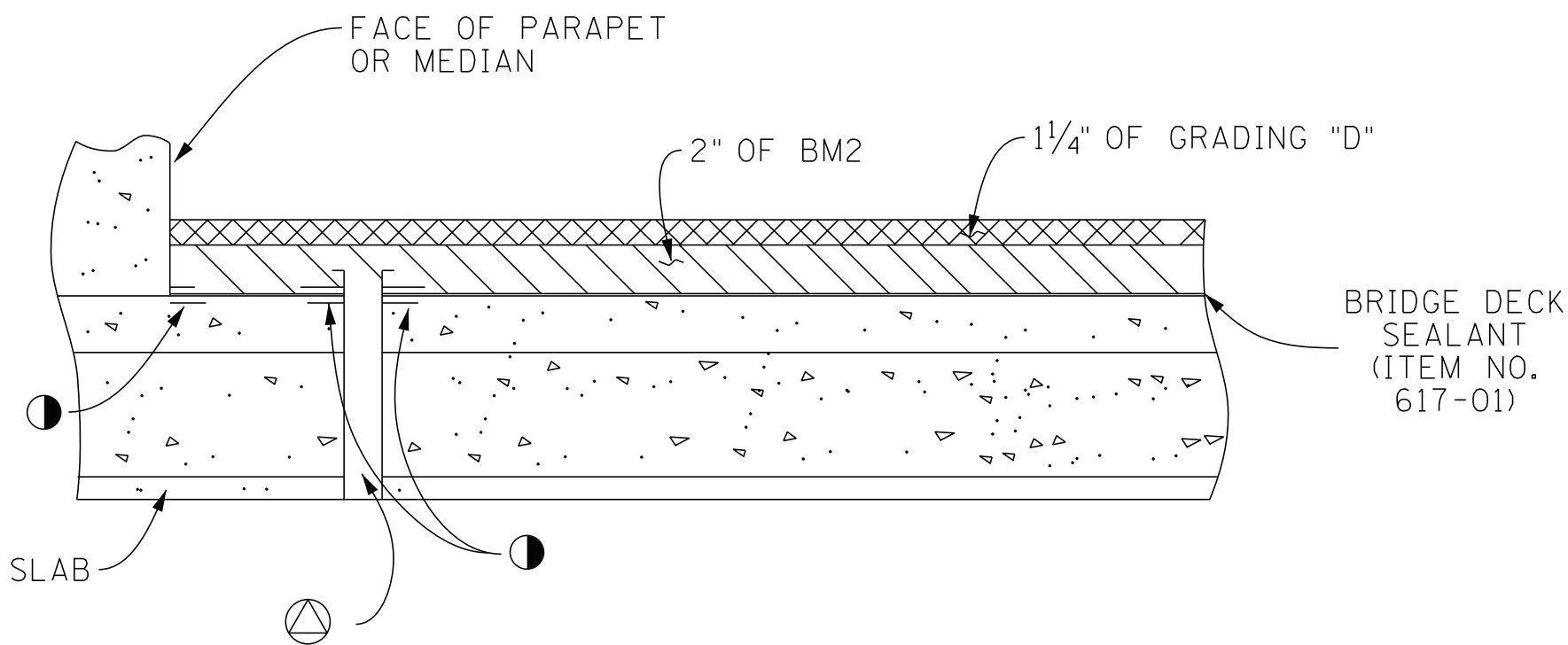


CONCRETE APPROACH PAVEMENT REPAIR DETAILS:

NOTE: REMOVE CONCRETE TO A DEPTH OF 3/4" MINIMUM BELOW EXISTING REINFORCING STEEL OR TO SOUND CONCRETE. CONCRETE REMOVAL SHOULD BE TO A MINIMUM DEPTH OF 4". DEPTH FOR CONCRETE REMOVAL SHOULD NOT BE MORE THAN 6".

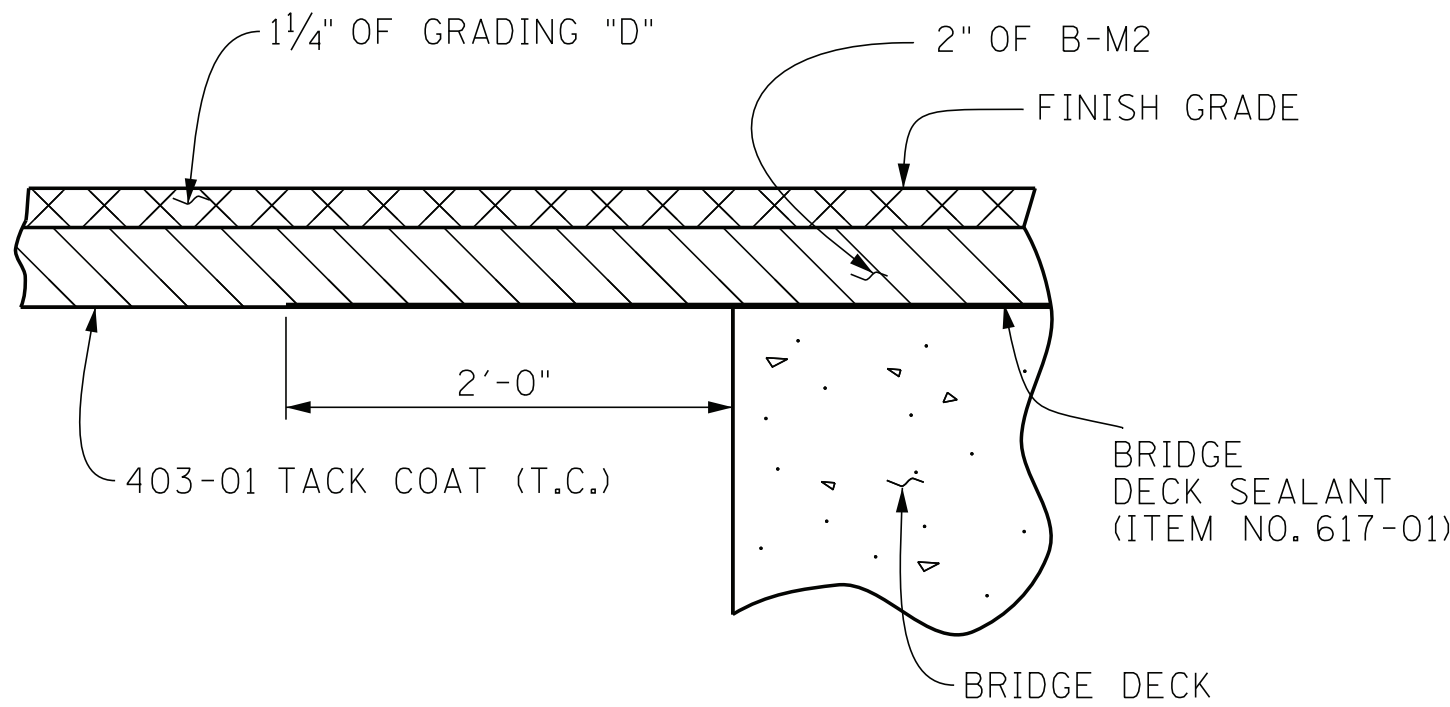
NOTE: COST OF SAW CUTTING, CONCRETE REMOVAL, COMPLETELY CLEANING EXPOSED REINFORCING STEEL, LABOR, AND ANY MISCELLANEOUS MATERIALS NECESSARY TO COMPLETE THE REPAIRS AS SHOWN SHALL BE INCLUDED IN ITEM NO. 604-10.53 CONCRETE REPAIR S.Y.

NOTE: ITEM NO. 604-10.53, CONCRETE REPAIR (PARTIAL DEPTH OF APPROACH PVMT.) MAY BE INCREASED, DECREASED OR ELIMINATED AS DIRECTED BY THE ENGINEER.



MASTIC AS RECOMMENDED BY MANUFACTURER OF MEMBRANE. SEE STD. SPEC. ART. 906.04

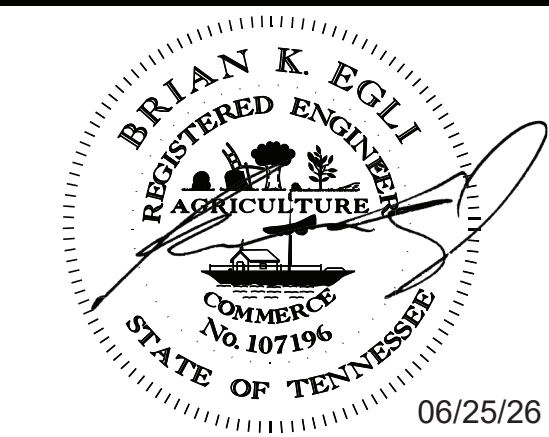
1 1/2" DIAMETER HOLE TO BE DRILLED BY THE CONTRACTOR NEAR FACE OF EXISTING CONCRETE PARAPETS OR MEDIAN AT LOW POINTS, COST TO BE INCLUDED IN ITEM NO. 617-01



BRIDGE DECK SEALANT DETAIL

NOTE: ON BRIDGE DECK WHERE THERE IS A BITUMINOUS JOINT OR WITH NO EXPANSION JOINT, MEMBRANE SHALL EXTEND 2'-0" OVER THE END OF THE BRIDGE DECK. IF THE DECK HAS A STEEL EXPANSION JOINT, THE MEMBRANE SHALL STOP AT THE STEEL EXPANSION JOINT.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE TABULATION AND
ESTIMATED QUANTITIES,
REPAIRS NOTES AND DETAIL
BR.58-SR2-1.40 (58100240071)
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