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Brian Egli

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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\_\_\_\_\_\_ STRUCTURE-SIGN 2 BRIDGE PLANS\_\_\_\_\_ B1 THRU B2 YEAR PROJECT NO. SHEET NO.

2025 20S069-M3-004 STRUCTURE-SIGN 2

REVISIONS

NO. DATE BY BRIEF DESCRIPTION
1 4-17-25 ZH ADDED SHEET

STATE OF	TENNESSEE
DEPARTMENT OF	TRANSPORTATION

SIGNATURE SHEET

PIN 134902.00

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PROJECT NO. YEAR SHEET NO. 20S069-M3-004 2025 B1

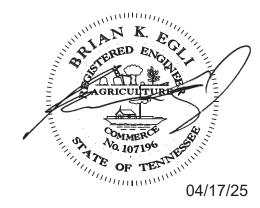
REVISIONS

			NE V1310143
NO.	DATE	BY	BRIEF DESCRIPTION
1	4-17-25	ZH	ADDED STRUCTURE-SIGN 2 € REVISION DATES

INDEX OF DRAWINGS	DWG. NO.	LAST R <u>ev. dat</u> e
SIGNATURE SHEETSIGNATURE SHEET	————— STRUCTURE-SIGN 2 ————— STRUCTURE-SIGN 1	4-17-2025
SIGNATURE SHEET  SIGNATURE SHEET  SIGNATURE SHEET  INDEX OF DRAWINGS  BRIDGE TABULATION, ESTIMATED QUANTITIES, AND EXPANSION JOINT REPAIR NOTES  APPROACH SLAB REPAIR DETAIL NOTES  TYPE I THIN EPOXY OVERLAY NOTES  PLAN VIEW (20100400005)  PHASE CONSTRUCTION	——————————————————————————————————————	4-17-2025 4-17-2025
PLAN VIEW (20100400005)PHASE CONSTRUCTION	— — — —	

INDEX OF REFERENCE DRAWINGS

DWG.NO.



STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS 20-SR69-42.40 OVER I-40 BR. NO. 20100400005 DECATUR COUNTY 2025

В1

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	604-10.44 EXPANSION JOINT REPAIR L.F.	604-10.53 CONCRETE REPAIR (PARTIAL DEPTH OF APPROACH PAVEMENT) S.Y.	617-04.01 TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE) S.Y.	
20-SR69-42.40 OVER I-40 (20I00400005)	M-369-81 M-369-85	EXPANSION JOINT REPAIR  CONCRETE REPAIR (PARTIAL DEPTH OF APPROACH PAVEMENT)  TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)	133	5	210	
	TOTAL		133	5	210	

PIN 134902.00

PROJECT NO. YEAR SHEET NO.  20S069-M3-004 2025 B2  REVISIONS  NO. DATE BY BRIEF DESCRIPTION 1 4-17-25 ZH REMOVED 712-09.08							
REVISIONS  NO. DATE BY BRIEF DESCRIPTION	Р	ROJECT	NO.	YEAR	SHEET	NO.	
NO. DATE BY BRIEF DESCRIPTION	20	S069-M	3-004	2025	B2		
				REVISIONS	)		
1 4-17-25 ZH REMOVED 712-09.08	NO.	DATE	BY	BRIEF	DESCRIPTION		
	1	4-17-25	ZH	REMOVE	D 712-09.08		

## EXPANSION JOINT REPAIR NOTES

THE JOINT HEADER SYSTEM SHALL BE FROM QPL 9.002. THE JOINT SEAL SYSTEM CONSISTS OF THE ELASTOMERIC HEADER MATERIAL AND A TWO-PART COLD POUR SILICONE SEALANT. THE CONTRACTOR SHALL ALSO HAVE THE OPTION OF USING A PRECOMPRESSED FOAM WITH SILICONE TOPPED PRODUCT (SIMILAR TO AND INCLUDING BEJS) FROM QPL 7.001 WITH AN APPROPRIATELY SIZED SEAL FOR THE JOINT OPENING, AND AN ELASTOMERIC CONCRETE FROM QPL 9.001. THE SYSTEM SHALL BE INSTALLED UNDER THE DIRECT SUPERVISION OF AN AUTHORIZED TECHNICIAN PROVIDED BY THE SYSTEM MANUFACTURER. THE TECHNICIAN MUST APPROVE ALL ASPECTS OF THE GEOMETRY AND PREPARATION OF THE JOINT LOCATIONS PRIOR TO ANY INSTALLATION OF THE JOINT SYSTEM MATERIALS. PRODUCTS FROM QPL 7.001 "ON A ROLL" AND "COMPRESSION ONLY" WILL NOT BE ALLOWED. THE TOP OF THE QPL 7.001 JOINT FILLER SHALL BE A MINIMUM OF  $rac{3}{4}$  OF AN INCH BELOW THE ROADWAY SURFACE UNLESS THE MANUFACTURER REUIRES A DEEPER DEPTH.

MANUFACTURERS SPECIFICATIONS AND INSTALLATION PROCEDURES SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO THE JOINT REPLACEMENT/REPAIR WORK. THE MANUFACTURER AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORKMANSHIP OF THE JOINT INSTALLATION.

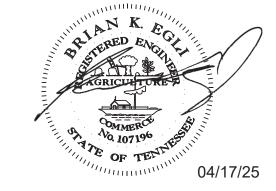
PRIOR TO THE INSTALLATION OF THE NEW JOINT, THE EXISTING JOINT OPENING SHALL BE CLEANED OF ALL DIRT, DEBRIS, AND PRIOR CONSTRUCTION MATERIAL, ETC., THE FULL DEPTH OF THE OPENING. THE SURFACES WHERE THE NEW MATERIAL BONDS TO STAY IN PLACE, SHALL BE CLEANED PER MANUFACTURERS RECOMMENDATION, TO REMOVE ANY SUBSTANCES THAT WOULD INHIBIT BONDING.

THE COST FOR REMOVING THE OLD JOINT SYSTEM, INSTALLING THE NEW JOINT SYSTEM, LABOR, AND ANY MISCELLANEOUS MATERIALS NECESSARY TO INSTALL THE NEW EXPANSION JOINT, IS TO BE INCLUDED UNDER ITEM NUMBER 604-10.44, EXPANSION JOINT REPAIRS, L.F.

712-06 (CONSTRUCTION) TABULATION						
MUTCD CODE DESCRIPTION QUANTITY DIMENSIONS S.F. TO						
W1-4	RIGHT LANE SHIFT	4	48" X 48"	16	64	
W1-4	LEFT LANE SHIFT	4	48" X 48"	16	64	
W2O-1	ROAD WORK 1000 FEET	4	48" X 48"	16	64	
W2O-1	ROAD WORK AHEAD	4	48" X 48"	16	64	
TOTAL					256	

ТА	TABULATED TRAFFIC CONTROL QUANTITIES					
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY			
712-06	SIGNS (CONSTRUCTION)	S.F.	256			
712-08.25	TRUCK-MOUNTED \$ TRAILER-MOUNTED ATTENUATORS (TMA)	EACH	2			
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	120			
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	80			





STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION

BRIDGE TABULATION, ESTIMATED QUANTITIES, AND EXPANSION JOINT REPAIR NOTES 20-SR69-42.40 OVER I-40 BR. NO. 20100400005 DECATUR COUNTY

2025

В2

DESIGNED BY\_\_\_\_\_\_Z\_HAYNES SUPERVISED BY K. MARTINKO CHECKED BY\_\_\_

DATE \_\_\_