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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

1

SHEET NO.

SIGNATURE SHEET\_\_\_\_\_\_ STRUCTURE-SIGN 4 BRIDGE PLANS\_\_\_\_\_ B1 THRU B2

YEAR	PROJECT NO.	SHEET NO.
2025	84384-4219-04	STRUCTURE-SIGN 4

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

DEPARTMENT OF TRANSPORTATION

STATE OF TENNESSEE

SIGNATURE SHEET

PIN 129305.00

FED. PROJ. NO. STP/HSIP-384(15)

PROJECT NO. SHEET NO. YEAR 84384-4219-04 2025 B1

REVISIONS

			NE V1310143
NO.	DATE	BY	BRIEF DESCRIPTION
1	2/10/23	ZH	ADDED STRUCTURE-SIGN 2 & REVISION DATES, REVISED TITLE & YEAR
2	11/12/24	ZH	ADDED STRUCTURE-SIGN 3 & REVISION DATES, REVISED TITLE & YEAR
3	4/17/25	ZH	ADDED STRUCTURE-SIGN 4 \$ REVISION DATES

INDEX OF DRAWINGS

DWG. NO.

REV. DATE

LAST

4-17-2025 4-17-2025

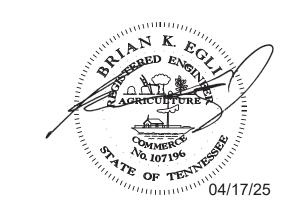
4-17-2025

PHASE CONSTRUCTION (84SR3840003)\_\_\_\_\_\_\_B6
PLAN\_VIEW AND EXPANSION JOINT REPAIR DETAILS (84SR0590015)\_\_\_\_\_\_\_B7 PHASE CONSTRUCTION (84SR0590015)\_\_\_\_\_\_B8

INDEX OF REFERENCE DRAWINGS

DWG. NO.

SUPERSTRUCTURE \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ U-54-80 LAYOUT OF BRIDGE \_\_\_\_\_ M-335-92 SUPERSTRUCTURE \_\_\_\_\_ M-335-96
REINFORCED CONCRETE PAVEMENT AT BRIDGE ENDS \_ \_ \_ \_ \_ STD-1-5



STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS 84-SR384-6.65 OVER TOWN CREEK 84-SR384-7.08 OVER DRAINAGE DITCH 84-SR384-7.44 OVER DRAINAGE CANAL BR. NOS. 84SR0590017

84SR0590015 84SR3840003 TIPTON COUNTY 2025

2

SUPERVISED BY K. MARTINKO CHECKED BY\_\_\_

В1

TABULATION OF BRIDGE RELATED WORK AND ESTIMATED QUANTITIES  LOCATION OF BRIDGE DRAWINGS TO BE PRINTED WITH CONTRACT DRAWINGS  84-SR384-6.65  OVER TOWN CREEK (84SR0590017)  M-309-50 M-309-53  OVERLAY (EPOXY-URETHANE)  TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)  TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)  706				
BRIDGE AND	TO BE PRINTED WITH CONTRACT	TYPE OF WORK	EXPANSION JOINT REPAIR	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)
OVER TOWN CREEK				706
84-SR384-7.08 OVER DRAINAGE DITCH (84SR0590015)	U-54-77 U-54-80	EXPANSION JOINT REPAIR  TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)	86	552
84-SR384-7.44 OVER DRAINAGE CANAL (84SR3840003)	M-335-92 M-335-96	TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)		757
TOTAL			86	2015

		TABULATED TRAFFIC CONTROL	QUANTIT	IES
	ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	141
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	117
	712-05.03	WARNING LIGHTS (TYPE C)	EACH	24
(1)	712-06	SIGNS (CONSTRUCTION)	S.F.	45
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	12
(2)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKING (6IN LINE)	L.M.	2

(1) TO BE USED ON THE SOUTH APPROACH OF THE INTERSECTION AT L.M. 7.24 (2) FOR REPLACEMENT OF QUANTITY REMOVED UNDER ITEM 716-08.01

2

TRAFFIC CON	TROL SIGN	N TABULATION (R	ESURFACING	;)	
DESCRIPTION	TOTAL NUMBER REQUIRED	SIZE (IN X IN)	SIGN I.D. NO.	SF	UNIT
STAY IN LANE	1	48 X 60	R4-9	20	S.F.
DO NOT ENTER	1	48 X 48	R5-1	16	S.F.
WRONG WAY	1	42 X 30	R5-1A	9	S.F.
ITEM 712-C	6 SIGNS (CONSTR	RUCTION)		45	S.F.

THIS CONSTRUCTION SIGNING IS TO BE AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

PIN 129305.00

	PI	ROJECT	NO.	YEAR	SHEET NO.
	84	384-421	19-04	2025	B2
				REVISIONS	5
Γ	NO.	DATE	BY	BRIEF	DESCRIPTION
Γ	1	2/10/23	ZH	REVISED	TITLE & YEAR
	2	11/12/24	ZH		CONTROL QUANTITIES. TITLE & YEAR
	3	4/17/25	ZH	REMOV	/E 712-09 <b>.</b> 02
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## EXPANSION JOINT REPAIR NOTES

THE JOINT FILLER SHALL BE FROM QPL 7.002. THE FILLER 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 OPENING PRIOR TO ANY INSTALLATION OF THE FILLER MATERIAL. THE TOP OF THE QPL 7.002 JOINT FILLER SHALL BE A MINIMUM OF 3/4 OF AN INCH BELOW THE ROADWAY SURFACE UNLESS THE MANUFACTURER REQUIRES A DEEPÉR 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 FILLER, 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 FILLER, INSTALLING THE NEW FILLER, LABOR, AND ANY MISCELLANEOUS MATERIALS NECESSARY TO INSTALL THE NEW FILLER, IS TO BE INCLUDED UNDER ITEM NUMBER 604-10.44, EXPANSION JOINT REPAIRS, L.F.

STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION

BRIDGE TABULATION AND ESTIMATED QUANTITIES 84-SR384-6.65 OVER TOWN CREEK 84-SR384-7.08 OVER DRAINAGE DITCH 84-SR384-7.44 OVER DRAINAGE CANAL

BR. NOS. 84SR0590017 84SR0590015 84SR3840003 TIPTON COUNTY

1

2025

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

В2