



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED BY: Tiffany Reid  
 Date: 2025.12.04 11:45:19  
 -06'00'

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

RAGANSMITH  
 315 WOODLAND STREET  
 NASHVILLE, TN  
 TIFFANY REID, PE # 120979

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 SHEETS .....	ROADWAY-SIGN1
TITLE SHEET .....	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND STANDARD TRAFFIC DESIGN DRAWINGS.....	1A
PROJECT COMMITMENTS.....	1B
ESTIMATED ROADWAY QUANTITIES .....	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2B, 2B1
GENERAL NOTES .....	2C
SPECIAL NOTES .....	2D
ENVIRONMENTAL NOTES .....	2E, 2E1
TABULATED QUANTITIES .....	2F, 2F1
UTILITY NOTES AND UTILITY OWNERS .....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL .....	T1

YEAR	PROJECT NO.	SHEET NO.
2026	NH-52(112)	ROADWAY-SIGN1
	14S052-F8-007	
2026	NH-52(113)	
	67S052-F8-010	

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

SIGNATURE  
SHEET

PROJECTS TO BE BUNDLED
PIN# 136525.00
STATE ROUTE 52
CLAY COUNTY
PIN# 136526.00
STATE ROUTE 52
OVERTON COUNTY

Index Of Sheets  
SEE SHEET NO. 1A

# STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

DOES THIS PROJECT QUALIFY FOR UTILITY CHAPTER 86	YES	NO
WORK ZONE SIGNIFICANCE DETERMINATION		
SIGNIFICANT	YES	NO

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	NH-52(112)	
STATE PROJ. NO.	14S052-F8-007	
BRIDGE	14S052-M3-007	
FED. AID PROJ. NO.	NH-52(113)	
STATE PROJ. NO.	67S052-F8-010	

## CLAY COUNTY

STATE ROUTE 52  
FROM NEAR POOR HOUSE ROAD  
TO THE OVERTON COUNTY LINE

### RESURFACE

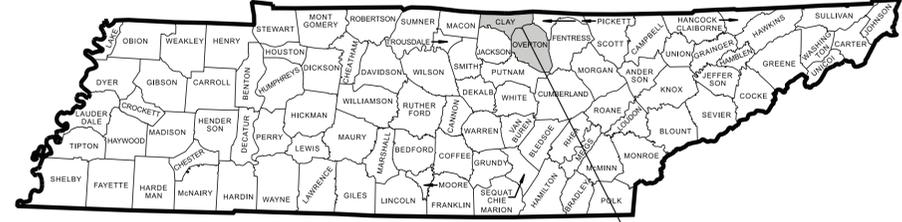
MICRO @ 22LB/SY, HP FOG SEAL SHOULDERS,  
AND PAVEMENT MARKINGS  
STATE HIGHWAY NO. 52 F.A.H.S. NO. N/A

## OVERTON COUNTY

STATE ROUTE 52  
FROM CLAY COUNTY LINE  
TO WEST OF ROBBINS LANE

### RESURFACE

MICRO @ 22LB/SY, HP FOG SEAL SHOULDERS,  
AND PAVEMENT MARKINGS  
STATE HIGHWAY NO. 52 F.A.H.S. NO. N/A



PROJECT LOCATION  
BRIDGE ID. # 14SR0520015, 14SR0520018, 14SR0520017,  
14SR0520019, 14SR0520020

14S052-F8-007  
BEGIN PROJECT NO. NH-52(112) RESURFACE

L.M. 23.60

BRANCH BRIDGE REPAIR PROJECT NO. 14S052-M3-007

L.M. 24.01

WET MILL CREEK ROAD BRIDGE REPAIR PROJECT NO. 14S052-M3-007

L.M. 25.06

14S052-F8-007  
END PROJECT NO. NH-52(112) RESURFACE

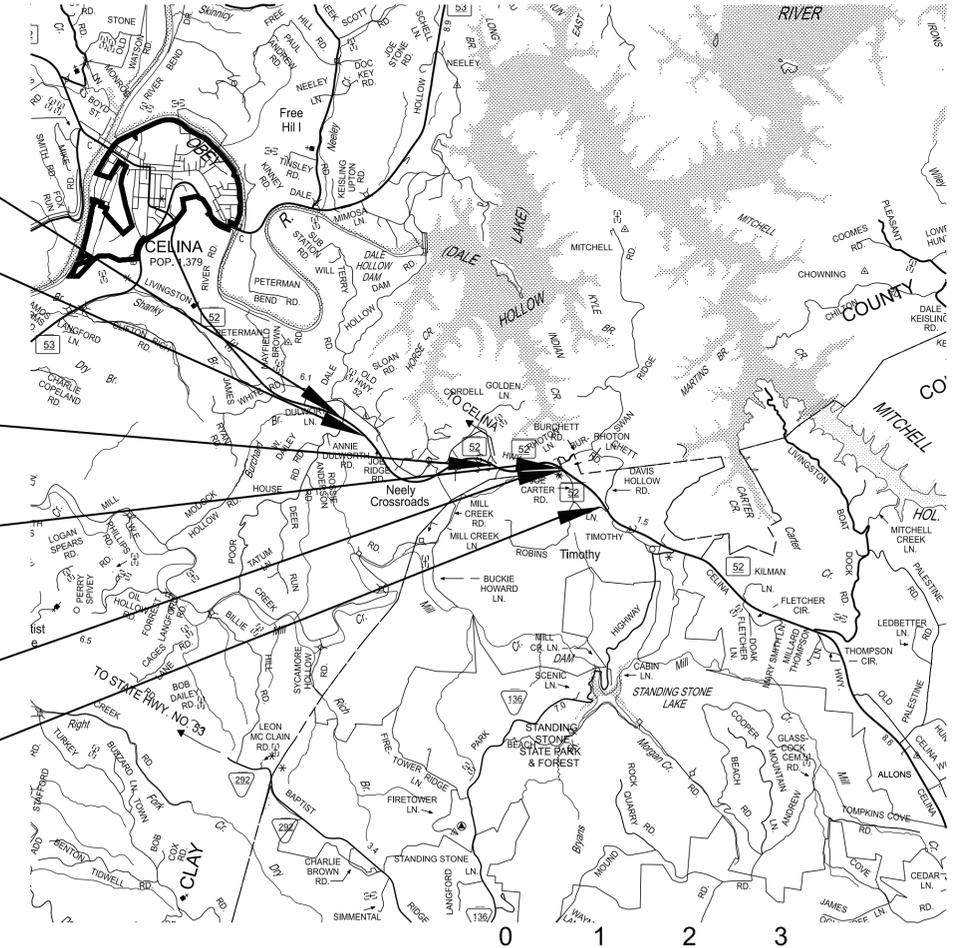
L.M. 26.60

67S052-F8-010  
BEGIN PROJECT NO. NH-52(113) RESURFACE

L.M. 0.00

67S052-F8-010  
END PROJECT NO. NH-52(113) RESURFACE

L.M. 0.33



SCALE: 1"= 1 MILE

### SPECIAL NOTES

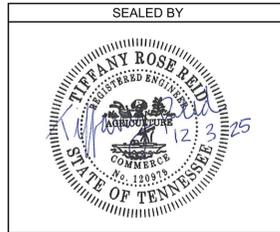
PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2021 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT PROJECT MANAGER: ALLEN PETERFREUND, PE  
DESIGNED BY: RAGANSMITH  
DESIGNER: KADE BOENEKE CHECKED BY: TIFFANY REID, PE  
P.E. NO. 98023-4217-04 (DESIGN)  
PIN NO. 136525.00, 136526.00

NO EXCLUSIONS

PLAN  
IN  
HAND  
PLANS



APPROVED:   
SHANE HESTER, PE CHIEF ENGINEER

DATE:

APPROVED:   
WILL REID, PE COMMISSIONER

PROJECT LENGTH	LM 23.60-26.60	LM 0.00-0.33	TOTAL
TOTAL LANE MILES RESURFACED	3.00	0.33	3.33 MILES
	12.04	1.17	13.21 MILES

TRAFFIC DATA	
ADT (2026)	4740
POSTED SPEED	
LM 23.60-26.60	55 MPH
LM 0.00-0.33	55 MPH

11/26/2025 9:20:08 AM G:\25-0267\PLAN SHEETS\2026 02 LETTINGS\136525.00 SR-52\14S052-SHT-TITLE.DGN

# ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS .....	ROADWAY-SIGN1
TITLE SHEET .....	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND STANDARD TRAFFIC DESIGN DRAWINGS.....	1A
PROJECT COMMITMENTS.....	1B
ESTIMATED ROADWAY QUANTITIES .....	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2B, 2B1
GENERAL NOTES .....	2C
SPECIAL NOTES .....	2D
ENVIRONMENTAL NOTES .....	2E, 2E1
TABULATED QUANTITIES .....	2F, 2F1
UTILITY NOTES AND UTILITY OWNERS .....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL .....	T1
BRIDGE PLANS.....	B-1
NOTES:	
THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.	
NO SHEET 2A SERIES INCLUDED IN THIS SET OF PLANS.	
NO UTILITY SHEETS ARE INCLUDED IN THIS PLAN SET.	

# STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
<b>10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS</b>		
RD-TP-1	10-01-24	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND

# STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
<b>10-204.00 DESIGN - TRAFFIC CONTROL</b>		
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	01-24-25	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-18	01-24-25	FLEXIBLE DELINEATOR DETAILS
T-M-18A	01-24-25	DELINEATOR MOUNTING DETAILS
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-60	03-26-25	FREEWAY RESURFACING SIGNING PROCEDURES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	1A
		14S052-F8-007	
RESURF	2026	NH-52(113)	
		67S052-F8-010	

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX,  
STANDARD ROADWAY  
DRAWINGS, AND  
STANDARD TRAFFIC  
DESIGN DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	1B
		14S052-F8-007	

### PROJECT COMMITMENTS

COMMITMENT ID	SOURCE DIVISION	DESCRIPTION	STATION / LOCATION
EDZH001	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	ASBESTOS CONTAINING MATERIAL (ACM) SURVEYS WERE COMPLETED ON THE FOLLOWING BRIDGES AND NO ASBESTOS WAS DETECTED. BRIDGE NO. 14SR0520017 SR-52 EB OVER WET WEATHER BRANCH LM 20.79 (14-SR052-20.79R) BRIDGE NO. 14SR0520018 SR-52 WB OVER WET WEATHER BRANCH LM 20.79 (14-SR052-20.79L) BRIDGE NO. 14SR0520019 SR-52 EB OVER WET MILL CREEK ROAD LM 22.05 (14-SR052-22.05R) BRIDGE NO. 14SR0520020 SR-52 WB OVER WET MILL CREEK ROAD LM 22.05 (14-SR052-22.05L)	BRIDGE NO. 14SR0520017 SR-52 EB OVER WET WEATHER BRANCH LM 20.79, BRIDGE NO. 14SR0520018 SR-52 WB OVER WET WEATHER BRANCH LM 20.79, BRIDGE NO. 14SR0520019 SR-52 EB OVER WET MILL CREEK ROAD LM 22.05, BRIDGE NO. 14SR0520020 SR-52 WB OVER WET MILL CREEK ROAD LM 23.05.
EDZH002	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	PLEASE SEE THE REPORTS FOR FURTHER DETAILS AND PHOTOGRAPHS. NO SPECIAL ACCOMMODATIONS FOR DEMOLITION AND WASTE DISPOSAL ARE ANTICIPATED FOR THESE STRUCTURES AND THE MATERIAL CAN BE DEPOSITED IN A C&D LANDFILL. PRIOR TO THE DEMOLITION OR REHABILITATION OF ANY STRUCTURE (BRIDGE OR BUILDING), THE CONTRACTOR IS REQUIRED TO SUBMIT THE NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS STANDARD 10-DAY NOTICE OF DEMOLITION TO THE TDEC DIVISION OF AIR POLLUTION CONTROL (PER TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JANUARY 1, 2021) SECTIONS 107.08.D AND 202.03).	BRIDGE NO. 14SR0520017 SR-52 EB OVER WET WEATHER BRANCH LM 20.79, BRIDGE NO. 14SR0520018 SR-52 WB OVER WET WEATHER BRANCH LM 20.79, BRIDGE NO. 14SR0520019 SR-52 EB OVER WET MILL CREEK ROAD LM 22.05, BRIDGE NO. 14SR0520020 SR-52 WB OVER WET MILL CREEK ROAD LM 23.05.

**SEALED BY**



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

PROJECT  
COMMITMENTS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	2
		14S052-F8-007	

ESTIMATED ROADWAY QUANTITIES (SR-52 LM 23.60 - 26.60)			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 14S052-F8-007
	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M. 12
(1)	403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON 16
(2) (9)	403-01.10	HIGH PERFORMANCE FOG SEALS	S.Y. 53795
	414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON 128
	414-03.02	AGGREGATE FOR MICRO SURFACING	TON 1070
	604-10.44	EXPANSION JOINT REPAIRS	L.F. 82
	617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	S.Y. 8864
(3)	705-04.20	GUARDRAIL DELINEATION ENHANCEMENT	EACH 2855
	712-01	TRAFFIC CONTROL	LS 0.9
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH 8
(4)	712-06	SIGNS (CONSTRUCTION)	S.F. 520
	713-02.11	REMOVAL OF EXISTING DELINEATORS	EACH 32
	713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH 28
	713-02.15	FLEXIBLE DELINEATOR (YELLOW)	EACH 4
(5)	713-02.26	CONCRETE BARRIER/PARAPET DELINEATOR	EACH 23
	713-02.30	FLEXIBLE TUBULAR DELINEATOR	EACH 8
(6)	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH 1
	716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH 536
(7)	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH 536
(8)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y. 1980
(8)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F. 120
(8)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH 9
(8)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F. 57
	716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y. 1980
	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F. 120
	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH 9
	716-08.19	REMOVAL OF PAVEMENT MARKING (YIELD LINE)	S.F. 57
	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M. 14
(10)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M. 15
(10)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F. 860
	717-01	MOBILIZATION	LS 0.9

THERE ARE NO GUARDRAIL ADJUSTMENTS WITHIN THE PROJECT LIMITS.

#### FOOTNOTES

- (1) NO PAYMENT WILL BE MADE DIRECTLY FOR THE WATER REQUIRED TO DILUTE THE TACK COAT.
- (2) PRODUCT MUST BE LISTED ON QUALIFIED PRODUCTS LIST (QPL) LIST 40 FOR HIGH PERFORMANCE FOG SEALS.
- (3) DELINEATORS SHALL BE: WHITE "HINGED-TYPE" DELINEATORS FROM TDOT'S CURRENT QPL., MOUNTED TO ALL GUARDRAIL POSTS EXCEPT END TERMINAL SECTIONS, AND ATTACHED TO GUARDRAIL POST AS PER MANUFACTURER'S SPECIFICATION AND ATTACHMENT METHOD.
- (4) SEE SHEET 2F FOR TABULATED QUANTITIES.
- (5) ITEM TO INCLUDE 17 WHITE DELINEATORS AND 6 YELLOW DELINEATORS.
- (6) TO BE USED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (7) REMOVED SNOWPLOWABLE PAVEMENT MARKERS TO BECOME PROPERTY OF THE CONTRACTOR INCLUDES ALL COST ASSOCIATED WITH REMOVAL AND PROPER DISPOSAL.
- (8) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (9) INCLUDES 2378 SY FOR CROSSOVERS.
- (10) CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

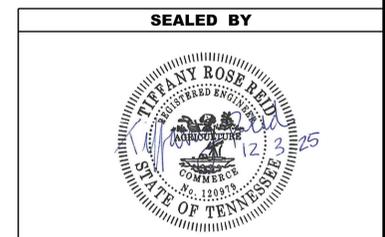
ESTIMATED  
ROADWAY  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(113)	2-1
		67S052-F8-010	

ESTIMATED ROADWAY QUANTITIES (SR-52 L.M. 0.00 - 0.33)			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 67S052-F8-010
	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M. 1.5
(1)	403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON 2
(2)	403-01.10	HIGH PERFORMANCE FOG SEALS	S.Y. 6084
	414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON 11
	414-03.02	AGGREGATE FOR MICRO SURFACING	TON 90
(3)	705-04.20	GUARDRAIL DELINEATION ENHANCEMENT	EACH 35
	712-01	TRAFFIC CONTROL	LS 0.1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH 32
(4)	712-06	SIGNS (CONSTRUCTION)	S.F. 352
(5)	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH 1
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH 250
	716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH 28
(6)	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH 278
(7)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y. 17
(7)	716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH 2
	716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y. 17
	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M. 1.5
	716-08.24	REMOVAL OF PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH 2
(8)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M. 2
	717-01	MOBILIZATION	LS 0.1

THERE ARE NO GUARDRAIL ADJUSTMENTS WITHIN THE PROJECT LIMITS.

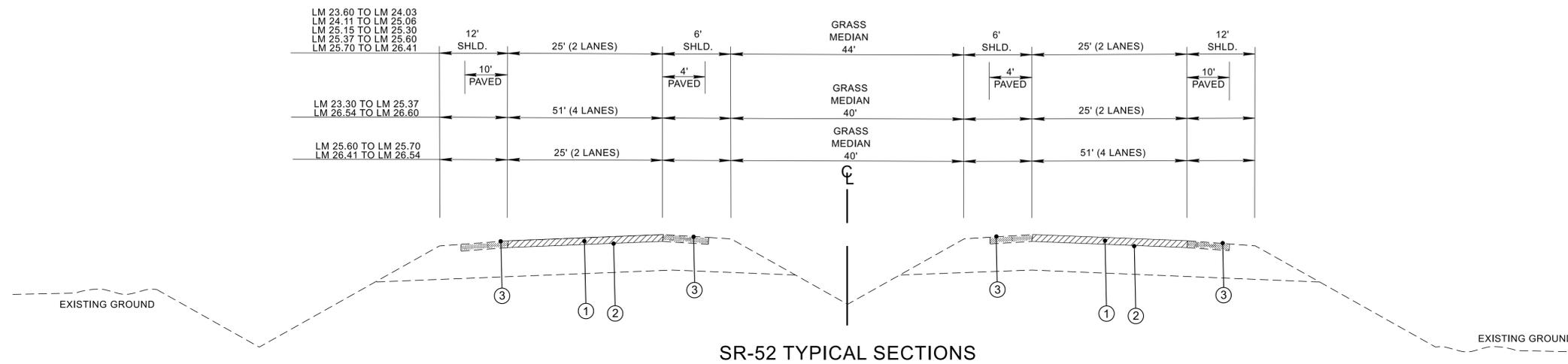
FOOTNOTES	
(1)	NO PAYMENT WILL BE MADE DIRECTLY FOR THE WATER REQUIRED TO DILUTE THE TACK COAT.
(2)	PRODUCT MUST BE LISTED ON QUALIFIED PRODUCTS LIST (QPL) LIST 40 FO HIGH PERFORMANCE FOG SEALS.
(3)	DELINEATORS SHALL BE: WHITE "HINGED-TYPE" DELINEATORS FROM TDOT'S CURRENT QPL., MOUNTED TO ALL GUARDRAIL POSTS EXCEPT END TERMINAL SECTIONS, AND ATTACHED TO GUARDRAIL POST AS PER MANUFACTURER'S SPECIFICATION AND ATTACHMENT METHOD.
(4)	SEE SHEET 2F1 FOR TABULATED QUANTITIES.
(5)	TO BE USED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(6)	REMOVED SNOWPLOWABLE PAVEMENT MARKERS TO BECOME PROPERTY OF THE CONTRACTOR. INCLUDES ALL COSTS ASSOCIATED WITH REMOVAL AND PROPER DISPOSAL.
(7)	CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(8)	CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

ESTIMATED  
ROADWAY  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	2B
		14S052-F8-007	



PROPOSED PAVEMENT SCHEDULE

<p>① MICRO-SUFRACING @ 0.275" THICK (APPROX. 22LB/SY) 414-03.01 EMULSIFIED ASPHALT FOR MICRO-SURFACING @ 12% OF THE DRY WEIGHT OF AGGREGATE 414-03.02 AGGREGATE FOR MICRO-SURFACING @ 22 LB/SY</p>	<p>② TACK COAT (MICRO-SURFACING) @ 0.10 TO 0.15 GAL/SY 403-01.01 BITUMINOUS MATERIAL FOR TACK COAT (TC) FOR MICRO-SURFACING, TON</p>
<p>③ HIGH PERFORMANCE FOG SEAL (SHOULDERS) 403-01.10 HIGH PERFORMANCE FOG SEALS @ 0.10 TO 0.15 GAL/SY NOTE: PERMANENT PAVEMENT EDGELINE MARKING SHALL BE APPLIED AFTER HP FOG SEALING SHOULDERS IS COMPLETE.</p>	

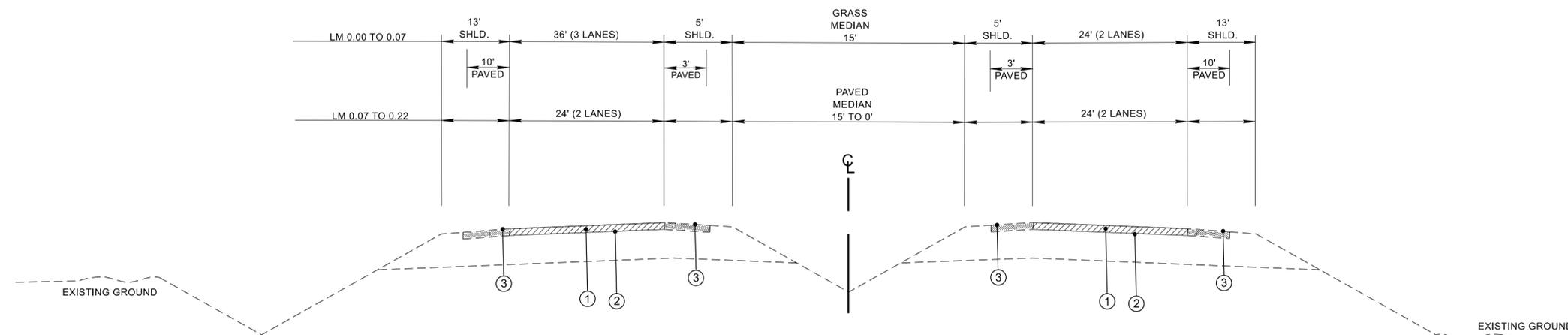
SEALED BY



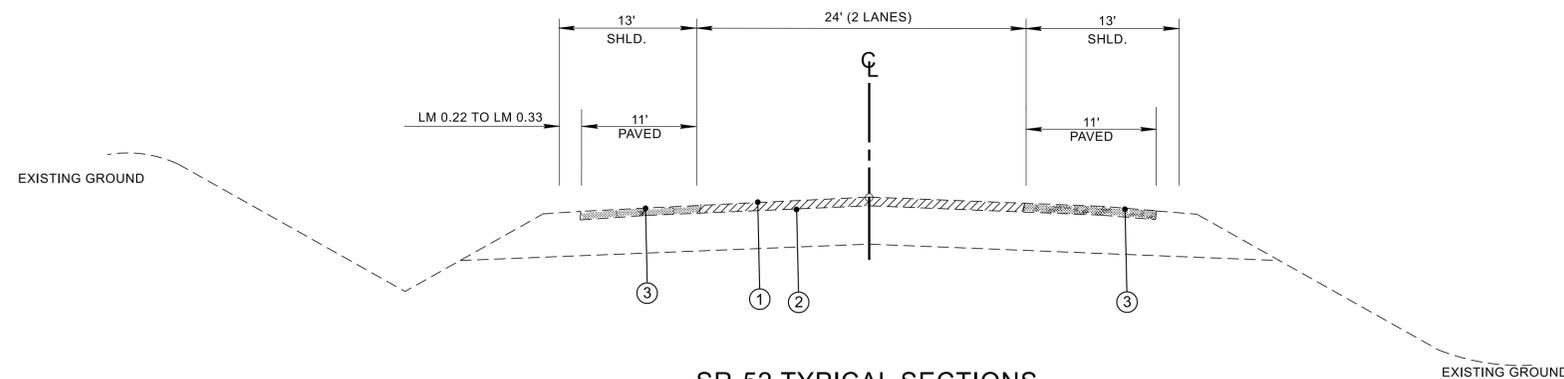
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS  
AND PAVEMENT  
SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(113) 67S052-F8-010	2B1



SR-52 TYPICAL SECTIONS



SR-52 TYPICAL SECTIONS

PROPOSED PAVEMENT SCHEDULE	
<p>① MICRO-SUFRACING @ 0.275" THICK (APPROX. 22LB/SY) 414-03.01 EMULSIFIED ASPHALT FOR MICRO-SURFACING @ 12% OF THE DRY WEIGHT OF AGGREGATE 414-03.02 AGGREGATE FOR MICRO-SURFACING @ 22 LB/SY</p>	<p>② TACK COAT (MICRO-SURFACING) @ 0.10 TO 0.15 GAL/SY 403-01.01 BITUMINOUS MATERIAL FOR TACK COAT (TC) FOR MICRO-SURFACING, TON</p>
<p>③ HIGH PERFORMANCE FOG SEAL (SHOULDERS) 403-01.10 HIGH PERFORMANCE FOG SEALS @ 0.10 TO 0.15 GAL/SY NOTE: PERMANENT PAVEMENT EDGELINE MARKING SHALL BE APPLIED AFTER HP FOG SEALING SHOULDERS IS COMPLETE.</p>	

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS  
AND PAVEMENT  
SCHEDULE

# GENERAL NOTES

## GRADING

- (1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- (3) THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) WITHOUT APPROVAL BY FEMA. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.

## MISCELLANEOUS

- (3) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

## PAVEMENT MARKINGS

### FINAL PAVEMENT MARKING

- (6) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:
  - a. BROOMING & DE-GRASSING SHOULDERS SHALL INCLUDE CLIPPING OF MATERIAL INTERFERING WITH PROPER DRAINAGE OF ROADWAY (INCLUDING PAVED AND GRAVEL SHOULDERS), AS DIRECTED BY THE ENGINEER.
  - b. ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE ENGINEER.
  - c. ALL COSTS ASSOCIATED WITH PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
  - d. REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (8) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

## SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

- (19) REMOVE EXISTING SNOWPLOWABLE MARKERS PRIOR TO PAVING AND/OR COLD PLANING. REMOVE ALL ADHESIVES PRIOR TO PAVING. PATCH ANY HOLES OR DIVOTS RESULTING FROM THE REMOVAL OF A MARKER IN A MANNER WHICH ENSURES A UNIFORM PAVED SURFACE. PATCH WORK SHALL BE INCLUDED WITH COST OF OTHER ITEMS OF CONSTRUCTION.

## PAVEMENT

### PAVING

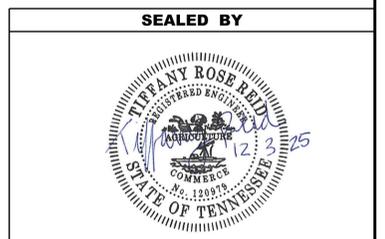
- (1) THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE DIRECTION OF TRAFFIC.

## CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.

- (2) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- (3) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- (4) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- (5) USE OF BARRICADES, PORTABLE BARRIER RAILS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (6) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (7) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	2C
		14S052-F8-007	
RESURF	2026	NH-52(113)	
		67S052-F8-010	



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**GENERAL  
NOTES**

# SPECIAL NOTES

## TRAFFIC CONTROL

- (1) THE CONTRACTOR SHALL MAKE PROVISIONS TO SAFELY CONTROL TRAFFIC INGRESS AT ALL ROADWAY ENTRANCES WITHIN THE FLAGGED WORK ZONE TO THE SATISFACTION OF THE TDOT PROJECT ENGINEER, ALL COST ASSOCIATED WITH THE CONTROLS WILL BE INCLUDED IN THE PRICE BID FOR TRAFFIC CONTROL.
- (2) EXISTING CONSTRUCTION, REGULATORY AND WARNING SIGNS WHICH CONFLICT WITH THE CONSTRUCTION SIGNING SHALL BE REMOVED DURING CONSTRUCTION AND REINSTALLED AS DIRECTED BY THE TDOT PROJECT ENGINEER. ALL COSTS TO BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-01, TRAFFIC CONTROL, PER LUMP SUM.
- (3) THE CONTRACTOR SHALL GIVE THE TDOT PROJECT ENGINEER A MINIMUM OF SEVEN (7) DAYS NOTICE PRIOR TO STARTING WORK SO THAT SUFFICIENT NOTICE CAN BE PREPARED AND DISTRIBUTED TO THE MEDIA.
- (4) IMMEDIATELY UPON COMPLETION OF EACH CONSTRUCTION PHASE, ALL TRAFFIC CONTROL ITEMS THAT ARE NOT NECESSARY FOR THE SUCCEEDING PHASE SHALL BE REMOVED, COVERED OR TURNED TO FACE AWAY FROM TRAFFIC.
- (5) THE CONTRACTOR SHALL PROVIDE FLAGGER AT EACH SIDEROAD WITHIN THE PAVING OPERATION.
- (7) CHANGEABLE MESSAGE SIGNS UNITS (ITEM NO. 713-16.01) WILL BE REQUIRED ON THIS PROJECT. THE SIGNS WILL BE USED FOR ADVANCED WARNING OR AS DIRECTED BY THE ENGINEER.
- (8) MESSAGE BOARDS SHALL BE DISPLAYED A MINIMUM OF SEVEN (7) DAYS PRIOR TO STARTING WORK TO INFORM PUBLIC OF UPCOMING CONSTRUCTION PROJECT.
- (9) PRIOR TO DISPLAYING MESSAGES ON CHANGEABLE MESSAGE BOARDS, ALL MESSAGES SHALL BE APPROVED BY THE TDOT PROJECT ENGINEER AND REGION 2 TRAFFIC ENGINEER.
- (10) INFORMATION ON CHANGEABLE MESSAGE BOARDS SHALL BE UPDATED TO REFLECT CURRENT CONSTRUCTION CONDITIONS ACTIVITIES AT ALL TIMES.

## LANE CLOSURES

- (1) THE RESTRICTION OF TRAFFIC TO ONE LANE SHALL NOT EXCEED A TWO (2) MILE PAVING OPERATION OR AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (3) THE CONTRACTOR SHALL KEEP ALL TRAFFIC LANES OPEN TO TRAFFIC DURING NON-WORKING HOURS AND/OR NON-WORK DAYS.
- (4) OVERNIGHT LANE CLOSURES WILL NOT BE ALLOWED UNLESS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (7) THE CONTRACTOR SHALL NOT BE ALLOWED TO INTERRUPT TRAFFIC FLOW AND SHALL MAINTAIN ALL LANES OF TRAFFIC IN EACH DIRECTION ON THE FOLLOWING DAYS:
  - A. OFFICIAL STATE HOLIDAYS.
  - B. FRIDAY AT 6:00 PM UNTIL TUESDAY AT 7:00 AM, IF A STATE HOLIDAY OCCURS OR IS OBSERVED ON MONDAY.
  - C. THURSDAY AT 6:00 PM UNTIL MONDAY AT 7:00 AM, IF A STATE HOLIDAY OCCURS OR IS OBSERVED ON FRIDAY.
  - J. DURING LOCAL FESTIVALS, GAMES OR EVENTS THAT COULD BE IMPEDED BY THE PAVING OPERATIONS WHERE AND AS DIRECTED BY THE TDOT PROJECT ENGINEER.

## PAVING

- (1) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:
  - BROOMING & DE-GRASSING SHOULDERS SHALL INCLUDE CLIPPING OF MATERIAL INTERFERING WITH PROPER DRAINAGE OF ROADWAY (INCLUDING PAVED AND GRAVEL SHOULDERS), AS DIRECTED BY THE TDOT PROJECT ENGINEER.
  - ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
  - ALL COSTS ASSOCIATED WITH PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
  - REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION. INTELLIGENT COMPACTION SHALL BE USED.

## PAVEMENT MARKING

- (1) THE CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF ALL PAVEMENT MARKING. ANY CHANGE FROM THE EXISTING PAVEMENT MARKINGS MUST BE APPROVED BY THE REGION 2 TRAFFIC ENGINEER.
- (4) EXISTING PAVEMENT MARKINGS IN THE SIDE ROAD RADII SHALL BE RE-TRACED AS DIRECTED BY THE TDOT PROJECT ENGINEER DURING FINAL STRIPING.
- (8) ALL EXISTING PAVEMENT MARKINGS (INCLUDING SPECIALTY PAVEMENT MARKINGS) SHALL BE REMOVED FLUSH WITH EXISTING SURFACE BEFORE APPLYING TACK COAT.
- (11) THE CONTRACTOR WILL BE REQUIRED TO INSTALL THE SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS AS SOON AS POSSIBLE AFTER THE COMPLETION OF THE SHOULDER TREATMENT.

## FOG SEALING SHOULDERS

- (1) THE CONTRACTOR SHALL USE HIGH PERFORMANCE (HP) FOG SEAL FROM QUALIFIED PRODUCTS LIST QPL.40.001.
- (2) THE SCORING OF SHOULDERS SHALL BE COMPLETED PRIOR TO APPLYING HP FOG SEAL TO PREVENT WATER INTRUSION.
- (3) FINAL EDGE LINE STRIPING SHALL NOT BE APPLIED UNTIL HP FOG SEAL APPLICATION HAS BEEN COMPLETED.

## MISCELLANEOUS

- (4) ALL LANE CLOSURES AND OPERATIONS MUST BE COORDINATED WITH EXISTING CONSTRUCTION CONTRACTS IN THE AREA.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	2D
		14S052-F8-007	
RESURF	2026	NH-52(113)	
		67S052-F8-010	

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

SPECIAL  
NOTES

# ENVIRONMENTAL NOTES

## ENVIRONMENTAL GENERAL NOTES

### NATURAL RESOURCES

- (4) THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS AND EPHEMERAL, INTERMITTENT, AND PERENNIAL STREAMS, IS NOT ALLOWED.
  - (9) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS PRIOR TO ANY CONSTRUCTION AND MAINTENANCE ACTIVITIES TO ENSURE THAT ENVIRONMENTAL FEATURES (E.G., STREAMS, WETLANDS, SPRINGS, ETC.) ARE NOT IMPACTED BEYOND PERMITTED LOCATIONS. IF THE CONTRACTOR OR TDOT INSPECTOR IS UNSURE OF THE IDENTITY OF AN ENVIRONMENTAL FEATURE, THE INSPECTOR SHALL CONTACT THE TDOT REGION ENVIRONMENTAL TECH GROUP IMMEDIATELY.
- SPECIES**
- (11) SHOULD CLIFF SWALLOW OR BARN SWALLOW NESTS, EGGS, OR BIRDS (YOUNG AND ADULTS) BE PRESENT, THE CONTRACTOR SHALL CONTACT THE REGIONAL ECOLOGY OFFICE TO DETERMINE IF SEASONAL RESTRICTIONS WILL BE NECESSARY. GENERALLY, BIRDS, NESTS, AND EGGS MAY NOT BE DISTURBED BETWEEN APRIL 15 AND JULY 31. FROM AUGUST 1 TO APRIL 14, NESTS CAN BE REMOVED OR DESTROYED SO LONG AS BIRDS OR EGGS ARE NOT PRESENT, AND MEASURES IMPLEMENTED TO PREVENT FUTURE NEST BUILDING AT THE SITE (I.E., CLOSING OFF AREA USING NETTING).
  - (12) IF THE REMOVAL OF ANY TREES WITH A DIAMETER AT BREAST HEIGHT (DBH) GREATER THAN 3 INCHES IS DEEMED NECESSARY THE TDOT SUPERVISOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION, ECOLOGY SECTION IMMEDIATELY.

### PERMITS, PLANS & RECORDS

- (15) IF A CHANGE IN PROJECT SCOPE OCCURS DURING CONSTRUCTION, INCLUDING VALUE ENGINEERING, THE TDOT PERMIT SECTION SHALL BE CONTACTED TO DETERMINE WHETHER PERMIT REVISIONS ARE NEEDED. THE ROADWAY DESIGN DIVISION SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.

## ENVIRONMENTAL SPECIAL NOTES

### ENVIRONMENTAL

- (1) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE SHALL BE INVITED TO ALL FIELD REVIEW MEETINGS.

### ECOLOGY

- (2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR A DESIGNATED CONSULTANT WILL NEED TO BE ONSITE FOR WORK BEING DONE WHICH COULD AFFECT WATERS OF THE STATE/U.S. OR SPECIES.
- (3) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS THAT MUST BE FOLLOWED.
- (4) ALL PROJECTS WITH LEGALLY PROTECTED SPECIES OR CRITICAL HABITAT IDENTIFIED SHALL HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER WATERS OF THE STATE/U.S.

### SCOPE OF WORK

- (6) MICRO @ 22LB/SY, HP FOG SEAL SHOULDERS, AND PAVEMENT MARKINGS.

## EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

### DISTURBED AREA

- (1) IF DISTURBED ACREAGE IS EQUAL TO ONE ACRE OR MORE, PLEASE CONTACT TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION AS SOON AS POSSIBLE BECAUSE AN NPDES PERMIT WILL BE REQUIRED.

## SEDIMENT CONTROL

- (6) EPSC MEASURES SHALL BE INSTALLED AND FUNCTIONAL PRIOR TO ANY EARTH MOVING OPERATIONS AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES.
- (8) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFFSITE MIGRATION OR DEPOSIT OF SEDIMENT OFF THE PROJECT LIMITS (E.G. R.O.W., EASEMENTS, ETC.), INTO WATERS OF THE STATE/U.S., OR ONTO ROADWAYS USED BY THE GENERAL PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFFSITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFFSITE IMPACTS (E.G., FUGITIVE SEDIMENT THAT HAS ESCAPED THE CONSTRUCTION SITE AND HAS COLLECTED IN A STREET MUST BE REMOVED SO THAT IT IS NOT SUBSEQUENTLY WASHED INTO STORM SEWERS AND STREAMS BY THE NEXT RAIN AND/OR SO THAT IT DOES NOT POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS). ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE NEGOTIATED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT.

## GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

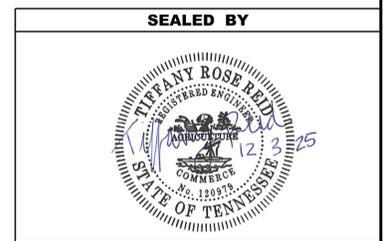
- (29) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS SHALL BE REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFFSITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EPSC SHALL BE REMOVED FROM THE SITE.
- (30) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION. APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED.
- (31) CONTRACTORS SHALL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED, NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ONSITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.
- (32) WHEEL WASH WATER SHALL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER SHALL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM.
- (33) IF PORTABLE SANITARY FACILITIES ARE PROVIDED ON CONSTRUCTION SITES, SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY REGULATIONS. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.
- (34) ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ONSITE BY THE CONTRACTOR. THE CONTRACTOR SHALL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR'S RESPONSIBLE PARTY SHALL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL.
- (35) WHEN POSSIBLE, ALL PRODUCTS SHALL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFFSITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS SHALL BE FOLLOWED.
- (36) ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.

- (37) ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.
- (38) OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.
- (39) DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.
- (40) WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ANY AND ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S), CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

## SPILL PREVENTION, MANAGEMENT & NOTIFICATION

- (44) ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE AND SPILLS.
- (45) FOR ALL HAZARDOUS MATERIALS STORED ONSITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP SHALL BE CLEARLY POSTED. SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.
- (46) APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT SHALL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ONSITE AND UNDER COVER. SPILL RESPONSE EQUIPMENT SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES.
- (47) ALL SPILLS SHALL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- (48) THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.
- (49) IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (E.G. SETTLING PONDS, DETENTION PONDS, SWALES), ACTION SHALL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR SHALL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES.
- (50) FERTILIZERS SHALL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED. ONCE APPLIED, FERTILIZERS SHALL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER.
- (51) IF A SPILL OCCURS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE TDOT PROJECT RESPONSIBLE PARTY. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.
- (52) WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD, SEE THE LATEST TENNESSEE GENERAL PERMIT NO. TNR100000 STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES SECTION 5.1 FOR REPORTING REQUIREMENTS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	2E
		14S052-F8-007	
RESURF	2026	NH-52(113)	
		67S052-F8-010	



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**ENVIRONMENTAL  
NOTES**

# ENVIRONMENTAL NOTES (CONT.)

## EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES (CONT.)

### SPILL PREVENTION, MANAGEMENT & NOTIFICATION (CONT.)

(53) CONTRACTOR'S BULK FUEL AND PETROLEUM PRODUCTS STORED ONSITE OR ADJACENT TO THE R.O.W. IN ABOVE GROUND STORAGE CONTAINERS WITH A COMBINED CAPACITY OF 1320 GALLONS OR MORE SHALL HAVE SECONDARY CONTAINMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN FOR THE BULK STORAGE AND BE SOLELY RESPONSIBLE FOR OBTAINING ANY NECESSARY LOCAL, STATE, AND FEDERAL PERMITS. THE SPCC PLAN AND/OR PERMITS SHALL BE KEPT ONSITE AND A COPY PROVIDED TO THE TDOT PROJECT RESPONSIBLE PARTY PRIOR TO STORING 1320 GALLONS ON SITE.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	2E1
		14S052-F8-007	
RESURF	2026	NH-52(113)	
		67S052-F8-010	

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL  
NOTES

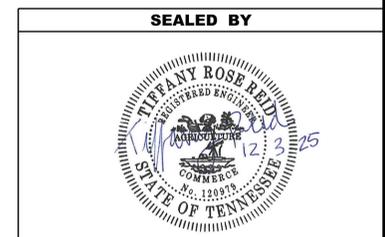
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	2F
		14S052-F8-007	

TRAFFIC CONTROL SIGN TABULATION (RESURFACING)							
M.U.T.C.D. SIGN NO.	LEGEND/ DESCRIPTION	SIZE IN INCHES			S.F.	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.
		L	X	W			
G20-1	ROAD WORK NEXT 4 MILES	48"	x	24"	8	1	8
G20-2	END ROAD WORK	48"	x	24"	8	8	64
W4-2L	LANE ENDS (LT)	48"	x	48"	16	2	32
W4-2R	LANE ENDS (RT)	48"	x	48"	16	2	32
W20-1	ROAD WORK AHEAD	48"	x	48"	16	7	112
W20-1	ROAD WORK 1 MILE	48"	x	48"	16	1	16
W20-1	ROAD WORK 1/2 MILE	48"	x	48"	16	1	16
W20-1	ROAD WORK 1000 FT	48"	x	48"	16	1	16
W20-5L	LEFT LANE CLOSED 1 MILE	48"	x	48"	16	2	32
W20-5L	LEFT LANE CLOSED 1/2 MILE	48"	x	48"	16	2	32
W20-5L	LEFT LANE CLOSED 1500 FT	48"	x	48"	16	2	32
W20-5R	RIGHT LANE CLOSED 1 MILE	48"	x	48"	16	2	32
W20-5R	RIGHT LANE CLOSED 1/2 MILE	48"	x	48"	16	2	32
W20-5R	RIGHT LANE CLOSED 1500 FEET	48"	x	48"	16	2	32
W20-7	FLAGGER (SYMBOL)	48"	x	48"	16	1	16
W21-2	FRESH OIL	48"	x	48"	16	1	16
<b>TOTAL</b>						<b>520</b>	

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

<b>UTILITY ADJUSTMENTS (RESURFACING)</b>
THERE ARE NO UTILITY ADJUSTMENTS WITHIN PROJECT LIMITS
<b>PROPOSED CURB RAMP (RESURFACING)</b>
THERE ARE NO CURB RAMP ADJUSTMENTS WITHIN PROJECT LIMITS
<b>STORM DRAIN ADJUSTMENTS (RESURFACING)</b>
THERE ARE NO STORM DRAIN ADJUSTMENTS WITHIN PROJECT LIMITS
<b>GUARDRAIL ADJUSTMENTS (RESURFACING)</b>
THERE ARE NO GUARDRAIL ADJUSTMENTS WITHIN PROJECT LIMITS

BRIDGE DECK RECOMMENDATIONS (RESURFACING)				
BRIDGE NUMBER	LOCATION LOG MILE	CROSSES OVER/UNDER	BRIDGE LENGTH	BRIDGE DECK RECOMMENDATIONS
14SR0520015	23.77	POOR HOUSE ROAD	230'	PAVE WITH PLLANS MIX / TREATMENT TYPE
14SR0520018	24.01 L	BRANCH	420' 9"	PROVIDE DECK REPAIR ITEM - SEAL WITH TYPE 1 THIN EPOXY OVERLAY (BRIDGE SHEETS INCLUDED)
14SR0520017	24.02 R	BRANCH	420' 9"	PROVIDE DECK REPAIR ITEM - SEAL WITH TYPE 1 THIN EPOXY OVERLAY (BRIDGE SHEETS INCLUDED)
14SR0520019	25.06 R	WET MILL CREEK ROAD	460'	PROVIDE DECK REPAIR ITEM - SEAL WITH TYPE 1 THIN EPOXY OVERLAY (BRIDGE SHEETS INCLUDED)
14SR0520020	25.06 L	WET MILL CREEK ROAD	460'	PROVIDE DECK REPAIR ITEM - SEAL WITH TYPE 1 THIN EPOXY OVERLAY (BRIDGE SHEETS INCLUDED). REPLACE BRIDGE JOINTS.



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TABULATED  
QUANTITIES

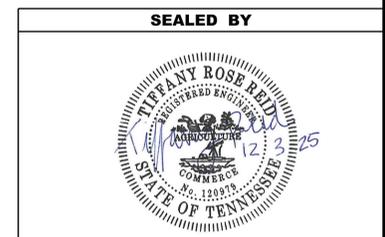
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(113)	2F1
		67S052-F8-010	

TRAFFIC CONTROL SIGN TABULATION (RESURFACING)							
M.U.T.C.D. SIGN NO.	LEGEND	SIZE IN INCHES			S.F.	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.
		L	X	W			
G20-1	ROAD WORK NEXT 4 MILES	48"	x	24"	8	1	8
G20-2	END ROAD WORK	48"	x	24"	8	1	8
W4-2L	LANE ENDS (LT)	48"	x	48"	16	2	32
W4-2R	LANE ENDS (RT)	48"	x	48"	16	2	32
W20-1	ROAD WORK 1 MILE	48"	x	48"	16	1	16
W20-1	ROAD WORK 1/2 MILE	48"	x	48"	16	1	16
W20-1	ROAD WORK 1000 FT	48"	x	48"	16	1	16
W20-5L	LEFT LANE CLOSED 1 MILE	48"	x	48"	16	2	32
W20-5L	LEFT LANE CLOSED 1/2 MILE	48"	x	48"	16	2	32
W20-5L	LEFT LANE CLOSED 1500 FT	48"	x	48"	16	2	32
W20-5R	RIGHT LANE CLOSED 1 MILE	48"	x	48"	16	2	32
W20-5R	RIGHT LANE CLOSED 1/2 MILE	48"	x	48"	16	2	32
W20-5R	RIGHT LANES CLOSED 1500 FEET	48"	x	48"	16	2	32
W20-7	FLAGGER (SYMBOL)	48"	x	48"	16	1	16
W21-2	FRESH OIL	48"	x	48"	16	1	16
<b>TOTAL</b>						<b>352</b>	

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

<b>UTILITY ADJUSTMENTS (RESURFACING)</b>
THERE ARE NO UTILITY ADJUSTMENTS WITHIN PROJECT LIMITS
<b>PROPOSED CURB RAMP (RESURFACING)</b>
THERE ARE NO CURB RAMP ADJUSTMENTS WITHIN PROJECT LIMITS
<b>STORM DRAIN ADJUSTMENTS (RESURFACING)</b>
THERE ARE NO STORM DRAIN ADJUSTMENTS WITHIN PROJECT LIMITS
<b>GUARDRAIL ADJUSTMENTS (RESURFACING)</b>
THERE ARE NO GUARDRAIL ADJUSTMENTS WITHIN PROJECT LIMITS

<b>BRIDGE DECK RECOMMENDATIONS (RESURFACING)</b>
NO BRIDGES EXIST WITHIN THE PROJECT LIMITS



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

TABULATED  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	3
		14S052-F8-007	
RESURF	2026	NH-52(113)	
		67S052-F8-010	

**UTILITY**

- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- (3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.

**UTILITY OWNERS**

**ELECTRIC**  
**UPPER CUMBERLAND ELECTRIC MEMBERSHIP CORP.**  
 PO BOX 159  
 CARTHAGE, TN 37030-0159  
 OFFICE PHONE: (615) 281-8810  
 CONTACT: WAYNE ANDERSON  
 EMAIL: wanderson@ucemc.com

**FIBER:**  
**CENTURYLINK/LUMEN**  
 2530 PERIMETER PLACE DRIVE  
 NASHVILLE, TN 37214  
 OFFICE PHONE: (615) 263-1128  
 CONTACT: PLANS DISTRIBUTION  
 EMAIL: [relocations@centurylink.com](mailto:relocations@centurylink.com)

**FIBER OPTICS:**  
**TWIN LAKES**  
 PO BOX 67  
 GAINESBORO, TN 38562  
 OFFICE PHONE: (931) 268-2151  
 CONTACT: JAMES DOBBS  
 EMAIL: [jdobbs@twinlakes.net](mailto:jdobbs@twinlakes.net)

**FIBER OPTICS:**  
**UPPER CUMBERLAND ELECTRIC MEMBERSHIP CORP.**  
 PO BOX 159  
 CARTHAGE, TN 37030-0159  
 OFFICE PHONE: (615) 281-8810  
 CONTACT: WAYNE ANDERSON  
 EMAIL: wanderson@ucemc.com

**FIBER OPTICS:**  
**TRI-COUNTY ELECTRIC MEMBERSHIP CORP.**  
 PO BOX 40  
 LAFAYETTE, TN 37083-0040  
 OFFICE PHONE: (615) 688-2119  
 CONTACT: DEWAYNE SLOAN  
 EMAIL: dsloan@tcemc.org

**GAS:**  
**TOWN OF LIVINGSTON**  
 301 MCHENRY CIRCLE  
 LIVINGSTON, TN 38570  
 OFFICE PHONE: (931) 823-1269  
 CONTACT: CURTIS HAYES  
 EMAIL: mayor@cityoflivingston.net

**GAS**  
**MIDDLE TENNESSEE NATURAL GAS**  
 PO BOX 670  
 SMITHVILLE, TN 37166  
 OFFICE PHONE: (931) 754-3515  
 CONTACT: MATT STENNETT  
 EMAIL: mstennett@mtng.com

**SEWER:**  
**CITY OF CELINA**  
 PO BOX 449  
 CELINA, TN 38551  
 OFFICE PHONE: (931) 243-2115  
 CONTACT: TONYA SPEARS  
 EMAIL: [celinamayor@twlakes.net](mailto:celinamayor@twlakes.net), [cityofcelina@twlakes.net](mailto:cityofcelina@twlakes.net)

**SEWER**  
**TOWN OF LIVINGSTON**  
 301 MCHENRY CIRCLE  
 LIVINGSTON, TN 38570  
 OFFICE PHONE: (931) 823-1269  
 CONTACT: CURTIS HAYES  
 EMAIL: mayor@cityoflivingston.net

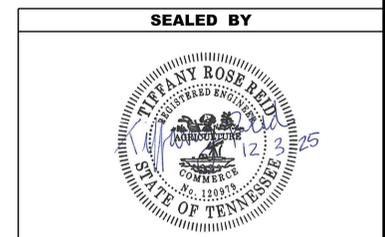
**TELEPHONE**  
**NORTH CENTRAL TELEPHONE COOPERATIVE**  
 PO BOX 70  
 LAFAYETTE, TN 37083  
 OFFICE PHONE: (615) 666-2151  
 CONTACT: TROY DAVIS  
 EMAIL: troy.davis@nctc.com

**TELEPHONE**  
**TWIN LAKES**  
 PO BOX 67  
 GAINESBORO, TN 38562  
 OFFICE PHONE: (931) 268-2151  
 CONTACT: JAMES DOBBS  
 EMAIL: [jdobbs@twinlakes.net](mailto:jdobbs@twinlakes.net)

**WATER:**  
**CITY OF CELINA**  
 PO BOX 449  
 CELINA, TN 38551  
 OFFICE PHONE: (931) 243-2115  
 CONTACT: TONYA SPEARS  
 EMAIL: [celinamayor@twlakes.net](mailto:celinamayor@twlakes.net), [cityofcelina@twlakes.net](mailto:cityofcelina@twlakes.net)

**WATER**  
**TOWN OF LIVINGSTON**  
 301 MCHENRY CIRCLE  
 LIVINGSTON, TN 38570  
 OFFICE PHONE: (931) 823-1269  
 CONTACT: CURTIS HAYES  
 EMAIL: mayor@cityoflivingston.net

**WATER**  
**NORTHWEST CLAY UTILITY DISTRICT**  
 PO BOX 7  
 MOSS, TN 38575  
 OFFICE PHONE: (931) 258-3489  
 CONTACT: DAVID CRAIGHEAD  
 EMAIL: nwcud@twlakes.net



**STATE OF TENNESSEE**  
**DEPARTMENT OF TRANSPORTATION**

UTILITY NOTES  
 AND  
 UTILITY OWNERS

# PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

**A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:**

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:
  - a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
  - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
  - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

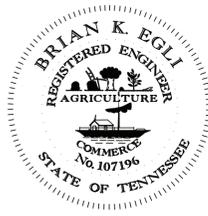
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH-52(112)	T1
		14S052-F8-007	
RESURF	2026	NH-52(113)	
		67S052-F8-010	

**SEALED BY**



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

PAVEMENT EDGE  
DROP-OFF NOTES  
FOR  
TRAFFIC CONTROL



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

**BRIAN KENNETH EGLI**  
 2025.11.04 14:21:21 -06'00'

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.

<b>SHEET NAME</b>	<b>SHEET NO.</b>
SIGNATURE SHEET _____	STRUCTURE-SIGN 1
INDEX OF DRAWINGS _____	B-1
BRIDGE TABULATION, ESTIMATED QUANTITIES AND EXPANSION JOINT REPAIR NOTES _____	B-2
TYPE I THIN EPOXY OVERLAY NOTES _____	B-3
PLAN VIEW (14SR0520017) _____	B-4
PLAN VIEW (14SR0520018) _____	B-5
PHASE CONSTRUCTION _____	B-6
PLAN VIEW (14SR0520019) _____	B-7
PLAN VIEW (14SR0520020) _____	B-8
PHASE CONSTRUCTION _____	B-9

YEAR	PROJECT NO.	SHEET NO.
2026	14S052-M3-007	STRUCTURE-SIGN 1

**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

**SIGNATURE  
 SHEET**

PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-1	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

INDEX OF DRAWINGS

DWG. NO.

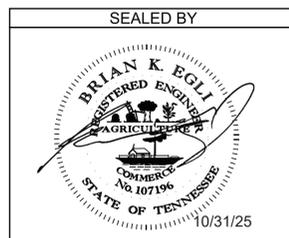
LAST  
REV. DATE

SIGNATURE SHEET	-----	STRUCTURE-SIGN 1
INDEX OF DRAWINGS	-----	B-1
BRIDGE TABULATION, ESTIMATED QUANTITIES AND EXPANSION JOINT REPAIR NOTES	-----	B-2
TYPE I THIN EPOXY OVERLAY NOTES	-----	B-3
PLAN VIEW (14SR0520017)	-----	B-4
PLAN VIEW (14SR0520018)	-----	B-5
PHASE CONSTRUCTION	-----	B-6
PLAN VIEW (14SR0520019)	-----	B-7
PLAN VIEW (14SR0520020)	-----	B-8
PHASE CONSTRUCTION	-----	B-9

INDEX OF REFERENCE DRAWINGS

DWG. NO.

LAYOUT OF BRIDGE	-----	U-17-75
SUPERSTRUCTURE	-----	U-17-78
LAYOUT OF BRIDGE	-----	U-17-105
SUPERSTRUCTURE	-----	U-17-109
REINFORCED CONCRETE PAVEMENT AT BRIDGE ENDS	-----	STD-1-5



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
INDEX OF DRAWINGS  
14-SR52-24.01L  
OVER WET MILL BRANCH  
14-SR52-24.02R  
OVER WET MILL BRANCH  
14-SR52-24.06L  
OVER WET MILL CREEK ROAD  
14-SR52-24.06R  
OVER WET MILL CREEK ROAD  
14SR0520017, 14SR0520018,  
14SR0520019, 14SR052020  
CLAY COUNTY  
2026

PIN NO.: 136525.00  
DESIGN BY: KEVIN MARTINKO DATE: 9-25  
DRAWN BY: KEVIN MARTINKO DATE: 9-25  
SUPERVISED BY: BRIAN EGLI DATE: 9-25  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-2	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

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.	617-04.01 TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE) S.Y.
14-SR52-24.01 R OVER BRANCH (14SR0520017), 14-SR52-24.02 L OVER BRANCH (14SR0520018)	U-17-75 U-17-78 STD-1-5	TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)		4254
14-SR52-25.06 R OVER BRANCH (14SR0520019)	U-17-105 U-17-109 STD-1-5	TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)		2305
14-SR52-25.06 L OVER BRANCH (14SR0520020)	U-17-105 U-17-109 STD-1-5	EXPANSION JOINT REPAIR TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)	82	2305
TOTAL			82	8864

EXPANSION JOINT REPAIR NOTES

THE JOINT HEADER SYSTEM SHALL BE FROM OPL 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 OPL 7.001 WITH AN APPROPRIATELY SIZED SEAL FOR THE JOINT OPENING, AND AN ELASTOMERIC CONCRETE FROM OPL 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 OPL 7.001 "ON A ROLL" AND "COMPRESSION ONLY" WILL NOT BE ALLOWED. THE TOP OF THE OPL 7.001 JOINT FILLER SHALL BE A MINIMUM OF 3/4 OF AN INCH BELOW THE ROADWAY SURFACE UNLESS THE MANUFACTURER REQUIRES 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.

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
**BRIDGE TABULATION,  
ESTIMATED QUANTITIES  
AND EXPANSION JOINT  
REPAIR NOTES**  
14-SR52-24.01L  
OVER WET MILL BRANCH  
14-SR52-24.02R  
OVER WET MILL BRANCH  
14-SR52-24.06L  
OVER WET MILL CREEK ROAD  
14-SR52-24.06R  
OVER WET MILL CREEK ROAD  
14SR0520017, 14SR0520018,  
14SR0520019, 14SR052020  
CLAY COUNTY  
2026

PIN NO.: 136525.00  
DESIGN BY: KEVIN MARTINKO DATE: 9-25  
DRAWN BY: KEVIN MARTINKO DATE: 9-25  
SUPERVISED BY: BRIAN EGLI DATE: 9-25  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**TYPE 1 THIN EPOXY OVERLAY NOTES :**

TYPE 1 THIN EPOXY OVERLAY SYSTEM - USE DECK PRETREATMENT/PRIMER PER MANUFACTURER'S RECOMMENDATION, AND 2 LIFTS OF AN EPOXY-URETHANE COPOLYMER AND AGGREGATE. TYPE 1 OVERLAY SHALL BE APPLIED MECHANICALLY USING METERED EQUIPMENT; HAND MIXING OF MATERIAL IS NOT PERMITTED.

THIN OVERLAY SYSTEM SHALL BE FROM THE QUALIFIED PRODUCTS LIST 23.005 TYPE 1 THIN OVERLAY (EPOXY URETHANE). MINIMUM OVERLAY THICKNESS SHALL BE 3/8 INCH.

APPLICATION EQUIPMENT SHOULD :

- A) BE CAPABLE OF METERING, MIXING AND DISTRIBUTING THE POLYMER AND PRETREATMENT TO MANUFACTURER'S RECOMMENDATION.
- B) USE AN APPLICATION MACHINE THAT FEATURES POSITIVE DISPLACEMENT VOLUMETRIC METERING PUMPS CONTROLLED BY A HYDRAULIC POWER UNIT.
- C) STORE COMPONENTS IN TEMPERATURE CONTROLLED RESERVOIRS CAPABLE OF MAINTAINING 100 DEGREES FAHRENHEIT (PLUS OR MINUS 10 DEGREES) TO INSURE OPTIMAL MIXING.
- D) CHECK MIXING RATIO AT THE PUMP OUTLETS AS WELL AS CYCLE COUNTING CAPABILITIES TO MONITOR OUTPUT ON STANDARD FEATURES.
- E) USE MOTIONLESS IN-LINE MIXING SO AS TO NOT OVERLY SHEAR THE MATERIAL TO ENTRAP AIR IN THE MIX.
- F) MAXIMIZE MATERIAL WORKING TIME BY MIXING IT IMMEDIATELY BEFORE DISPENSING.

AGGREGATE SHALL BE ANGULAR, HAVING LESS THAN 0.2% MOISTURE AND FREE OF DIRT, CLAY, ASPHALT AND OTHER FOREIGN OR ORGANIC MATERIALS. AGGREGATE FOR ALL LAYERS SHALL BE BAUXITE OR FLINT ROCK PRODUCTS FLINT AND MEETS THE FOLLOWING GRADATION:

SIEVE SIZE	% PASSING
NO. 6	95-100
NO. 10	10-35
NO. 20	0-3

FULL AND PARTIAL DEPTH DECK REPAIR SHALL CURE A MINIMUM OF 28 DAYS BEFORE THE OVERLAY IS PLACED. THE 28 DAYS MAY BE WAIVED IF THE OVERLAY MANUFACTURER PROVIDES A METHOD OF TESTING THE REPAIRED AREAS AND APPROVES THE PLACEMENT BY LETTER. TRAFFIC SHALL BE ALLOWED TO USE THE BRIDGE DURING THE CURING PERIOD OF THE PATCHES BUT NOT AFTER SHOTBLASTING. MAGNESIUM PHOSPHATE BASED MATERIALS WILL NOT BE ALLOWED.

THE CONCRETE DECK SURFACE SHALL BE CLEANED BY SHOTBLASTING TO REMOVE ANY OIL, DIRT, RUBBER, TRAFFIC STRIPING, OR ANY OTHER POTENTIAL DETRIMENTAL MATERIAL SUCH AS CURING COMPOUND AND LAITANCES, WHICH THE MANUFACTURER AND ENGINEER'S OPINION WOULD PREVENT PROPER BONDING AND CURING OF THE MATERIAL. IN AREAS WHERE SHOTBLASTING EQUIPMENT CAN NOT REACH (I.E., ALONG CURBS AND BRIDGE RAILS) SANDBLASTING IS PERMITTED TO AN EXTENT TO THE ENGINEER'S AND MANUFACTURER'S APPROVAL. IMMEDIATELY BEFORE APPLICATION, ALL PREPARED SURFACES SHALL BE CLEANED WITH COMPRESSED AIR OR VACUUMED TO REMOVE DUST AND DEBRIS.

ALL SURFACES THAT ARE TREATED SHALL BE DRY AT THE TIME OF APPLICATION. THE OVERLAY SHALL NOT BE APPLIED WHEN IT HAS RAINED 24 HOURS PRIOR TO, OR RAIN IS FORECAST WITHIN 8 HOURS AFTER, APPLICATION. THE MOISTURE CONTENT IN THE DECK SUBSTRATE SHALL BE TESTED. MOISTURE IS NOT TO EXCEED 4.5 PERCENT WHEN MEASURED BY ELECTRONIC METER. IF THE TEST SHOWS EXCESS MOISTURE, THE DECK SHALL CONTINUE TO DRY BEFORE APPLICATION PROCEEDS.

BLUSHING (A WAXY SURFACE COATING ON THE EPOXY) IS CAUSED BY THE REACTION OF MOISTURE WITH THE HARDENING AGENT. BLUSHING CREATES A SURFACE THAT MAKES FUTURE LAYERS DIFFICULT TO ADHERE. LIFTS THAT SHOW SIGNS OF BLUSHING SHALL BE REMOVED AND REPLACED PRIOR TO APPLICATION OF THE NEXT. THE COST TO REMOVE AND REPLACE THESE AREAS SHALL BE AT THE CONTRACTOR'S EXPENSE.

TRAFFIC, OTHER THAN APPLICATION EQUIPMENT, SHALL NOT BE ALLOWED ON ANY PORTION OF THE DECK THAT HAS BEEN SHOTBLASTED OR WHERE PART OF THE APPLICATION HAS BEEN PLACED.

SEE MANUFACTURER'S RECOMMENDATIONS FOR REQUIRED AMBIENT AND SURFACE TEMPERATURES AND HUMIDITY LIMITS FOR APPLICATION.

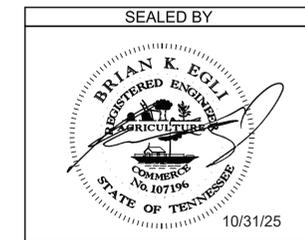
THE MANUFACTURER SHALL HAVE A REPRESENTATIVE ON THE JOB SITE AT ALL TIMES DURING APPLICATION AND CURE TIME. THE REPRESENTATIVE, ALONG WITH CONSULTATION WITH ENGINEER, MAY SUSPEND ANY ITEM OF WORK THAT IS SUSPECT AND DOES NOT MEET THE REQUIREMENTS OF THE SPECIFICATIONS. WORK SHALL NOT RESUME UNTIL THE ENGINEER AND REPRESENTATIVE ARE SATISFIED THAT APPROPRIATE REMEDIAL ACTION HAS BEEN TAKEN BY THE CONTRACTOR.

ALL COSTS FOR AGGREGATE, EPOXY FOR MINIMUM OF TWO LIFTS, SURFACE PREPARATION, LABOR AND ANY OTHER MISCELLANEOUS MATERIALS REQUIRED TO PLACE THIN OVERLAY SHALL BE INCLUDED IN ITEM NO. 617-04.01, TYPE 1 THIN EPOXY OVERLAY (EPOXY URETHANE), SY.

THICKNESS VERIFICATION: THE PROJECT ENGINEER SHALL BE NOTIFIED OF THE NUMBER OF GALLONS USED ON THE PROJECT WITH NOTARIZED QUANTITY STATEMENTS FROM THE CONTRACTOR AND THE MANUFACTURER. THE CONTRACTOR SHALL VERIFY TO TDOT THAT THE OVERLAY IS AN AVERAGE OF AT LEAST 3/8 INCH THICK AT THREE RANDOM LOCATIONS AGREED UPON BY THE PROJECT ENGINEER AND THE MATERIAL MANUFACTURER REPRESENTATIVE. IF 3/8 INCH AVERAGE IS NOT ACHIEVED, A RETEST SHALL BE PERFORMED IN ADJOINING AREAS. SHALL BE RE-COATED AS DESCRIBED ABOVE BY THE CONTRACTOR AND RE-VERIFIED AT NO ADDITIONAL COST TO TDOT. THIS VERIFICATION MAY CONSIST OF CORES, HOLES, ETC., BUT IN ALL CASES, ANY DESTRUCTIVELY TESTED AREAS SHALL BE REPAIRED BY THE CONTRACTOR BEFORE FINAL ACCEPTANCE BY THE PROJECT ENGINEER.

PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-3	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

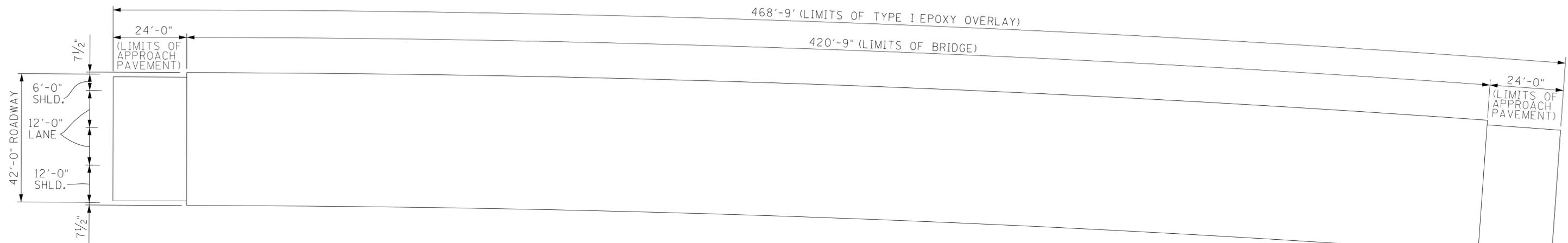
**\*\* SPECIAL NOTE:**  
 THE CONTRACTOR IS TO PREVENT THE TRACKING OF TACKCOAT AND CONSTRUCTION DEBRIS ACROSS THE BRIDGE DECK PRIOR TO APPLICATION OF THE THIN EPOXY OVERLAY. MILLING THE BRIDGE DECK WILL NOT BE AN OPTION FOR TACKCOAT OR DEBRIS REMOVAL. REMOVAL SHALL BE AT THE CONTRACTOR'S EXPENSE.



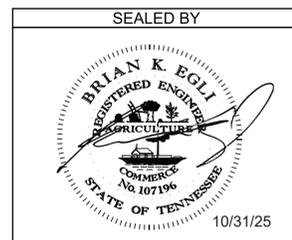
PIN NO.: 136525.00  
 DESIGN BY: KEVIN MARTINKO DATE: 9-25  
 DRAWN BY: KEVIN MARTINKO DATE: 9-25  
 SUPERVISED BY: BRIAN EGLI DATE: 9-25  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
**TYPE I THIN EPOXY  
 OVERLAY NOTES**  
 14-SR52-24.01L  
 OVER WET MILL BRANCH  
 14-SR52-24.02R  
 OVER WET MILL BRANCH  
 14-SR52-24.06L  
 OVER WET MILL CREEK ROAD  
 14-SR52-24.06R  
 OVER WET MILL CREEK ROAD  
 14SR0520017, 14SR0520018,  
 14SR0520019, 14SR052020  
 CLAY COUNTY  
 2026

PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-4	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



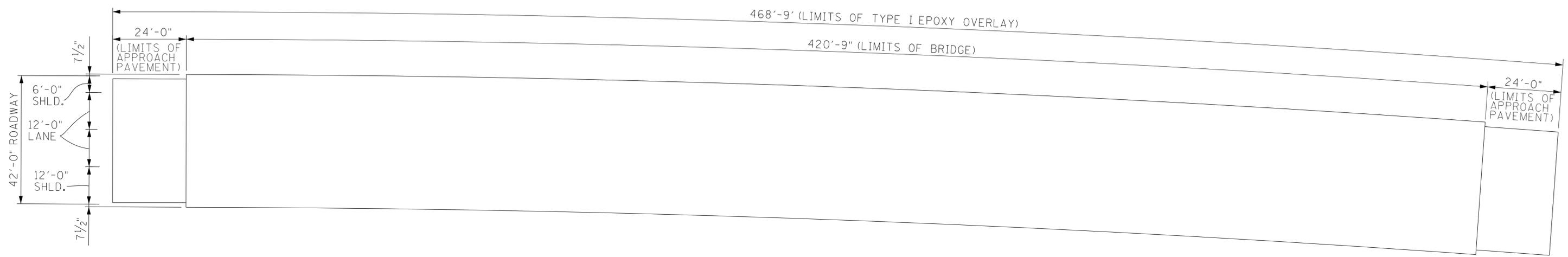
PLAN VIEW  
BRIDGE ID. NO. 14SR0520017



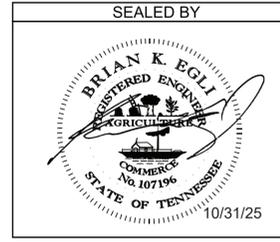
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
PLAN VIEW  
14-SR52-24.01L  
OVER WET MILL BRANCH  
14SR0520017  
CLAY COUNTY  
2026

PIN NO.: 136525.00  
DESIGN BY: KEVIN MARTINKO DATE: 9-25  
DRAWN BY: KEVIN MARTINKO DATE: 9-25  
SUPERVISED BY: BRIAN EGLI DATE: 9-25  
CHECKED BY: DATE:

PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-5	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



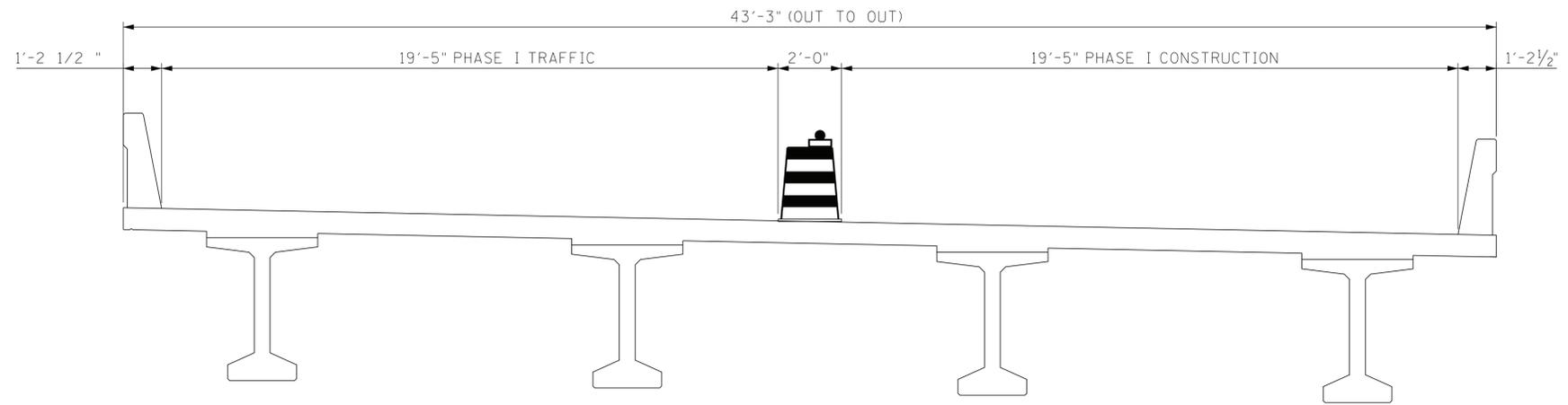
PLAN VIEW  
BRIDGE ID. NO. 14SR0520018



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
PLAN VIEW  
14-SR52-24.02R  
OVER WET MILL BRANCH  
14SR0520018  
CLAY COUNTY  
2026

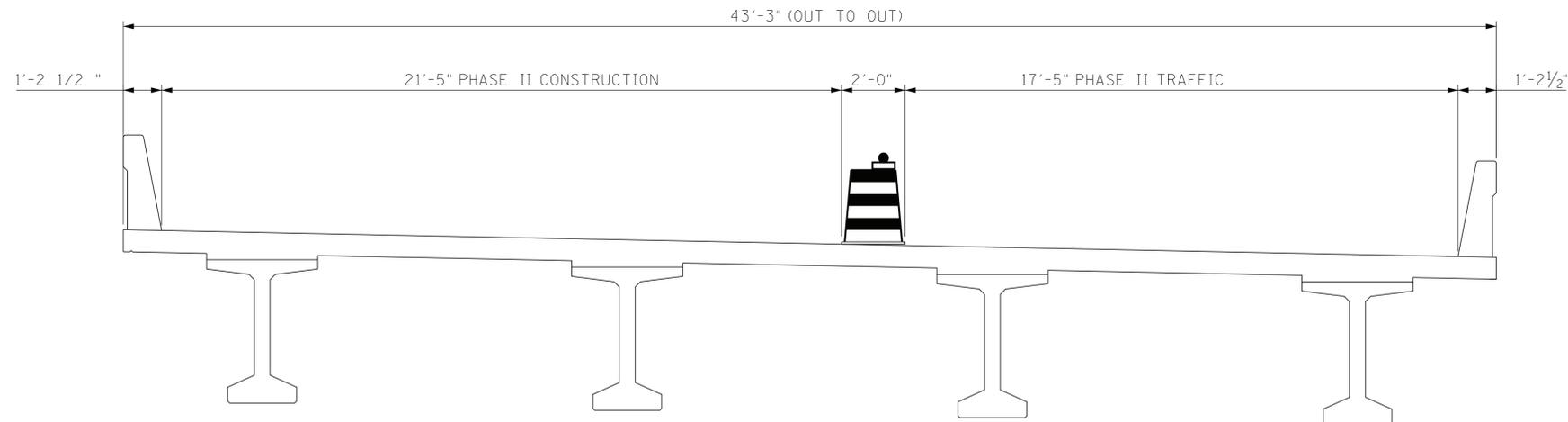
PIN NO.: 136525.00  
DESIGN BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
DRAWN BY: KEVIN MARTINKO DATE: 9-25  
SUPERVISED BY: BRIAN EGLI DATE: 9-25  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-6	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



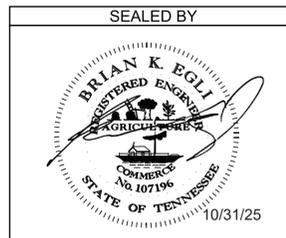
**PHASE I CONSTRUCTION**

LOOKING AHEAD ON SURVEY  
 BRIDGE ID. NO. 14SR0520017  
 BRIDGE ID. NO. 14SR0520018



**PHASE II CONSTRUCTION**

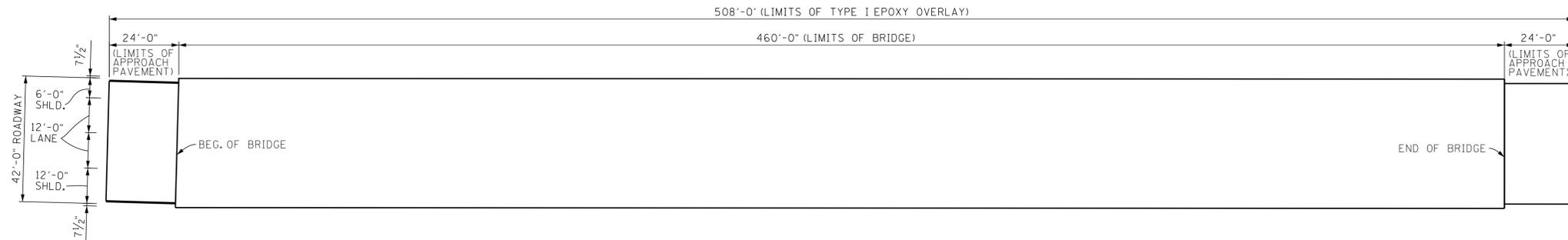
LOOKING AHEAD ON SURVEY  
 BRIDGE ID. NO. 14SR0520017  
 BRIDGE ID. NO. 14SR0520018



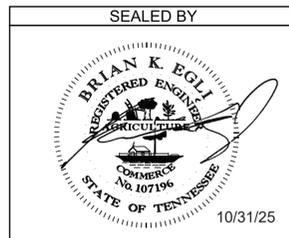
STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 PHASE CONSTRUCTION  
 14-SR52-24.01L  
 OVER WET MILL BRANCH  
 14-SR52-24.02R  
 OVER WET MILL BRANCH  
 14SR0520017, 14SR0520018  
 CLAY COUNTY  
 2026

PIN NO.: 136525.00  
 DESIGN BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DRAWN BY: KEVIN MARTINKO DATE: 9-25  
 SUPERVISED BY: BRIAN EGLI DATE: 9-25  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-7	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



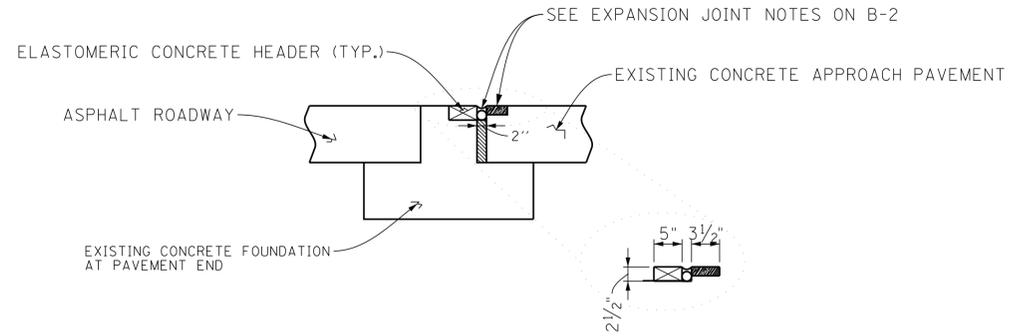
PLAN VIEW  
BRIDGE ID. NO. 14SR0520019



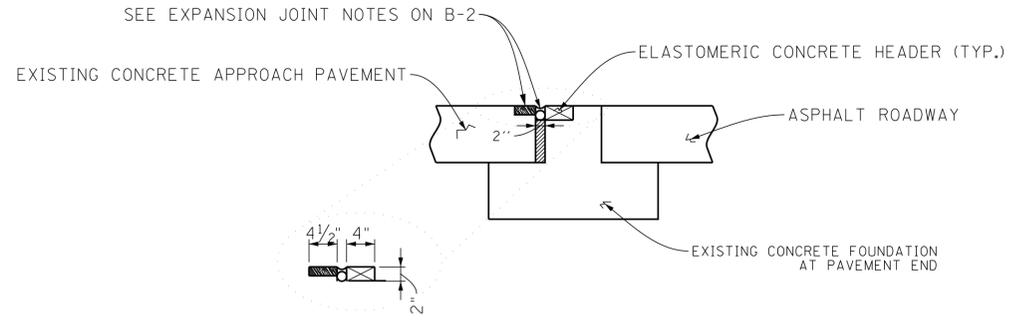
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
PLAN VIEW  
14-SR52-24.06R  
OVER WET MILL CREEK ROAD  
14SR0520019  
CLAY COUNTY  
2026

PIN NO.: 136525.00  
DESIGN BY: KEVIN MARTINKO DATE: 9-25  
DRAWN BY: KEVIN MARTINKO DATE: 9-25  
SUPERVISED BY: BRIAN EGLI DATE: 9-25  
CHECKED BY: DATE:

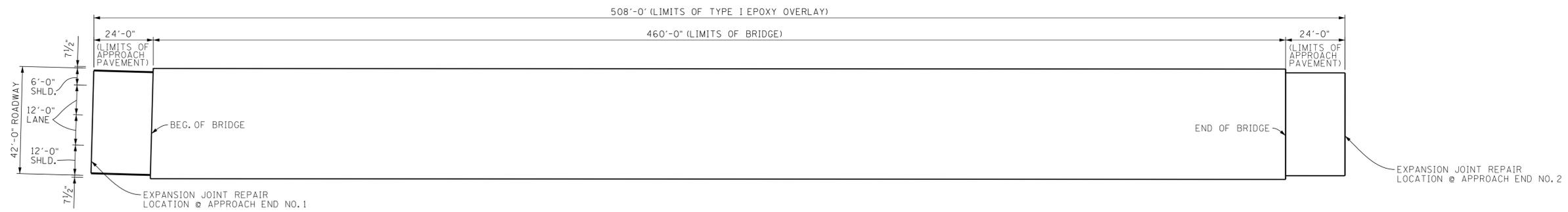
PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-8	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



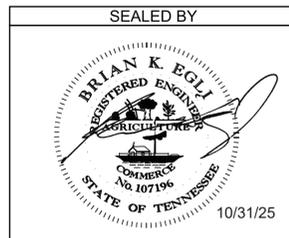
EXPANSION JOINT REPAIR DETAIL  
@ APPROACH END NO. 1



EXPANSION JOINT REPAIR DETAIL  
@ APPROACH END NO. 2



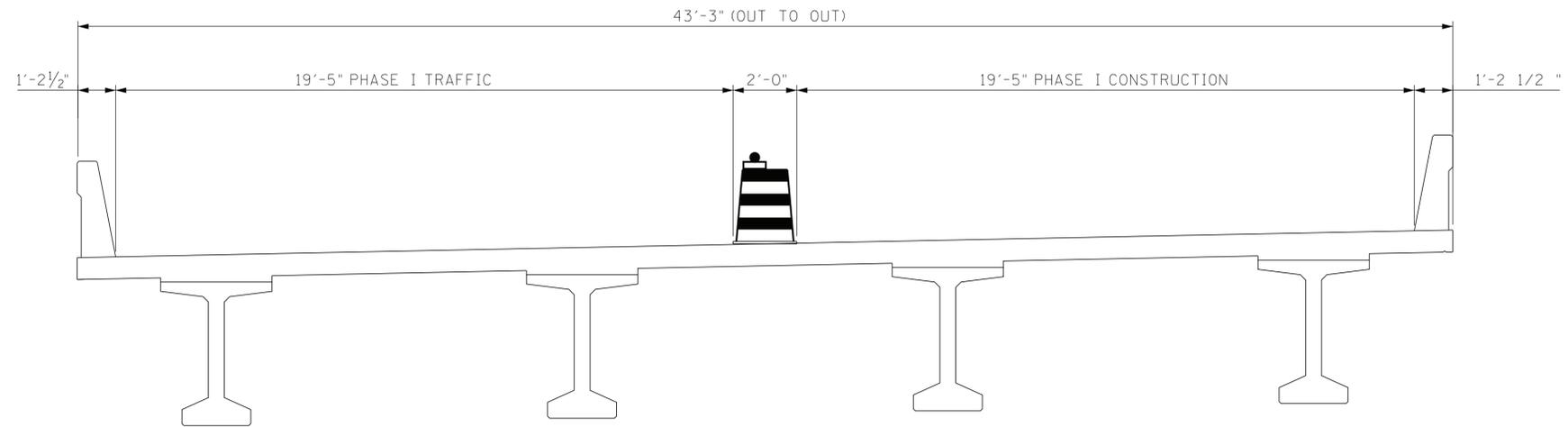
PLAN VIEW  
BRIDGE ID. NO. 14SR0520020



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
PLAN VIEW  
14-SR52-24.06L  
OVER WET MILL CREEK ROAD  
14SR0520020  
CLAY COUNTY  
2026

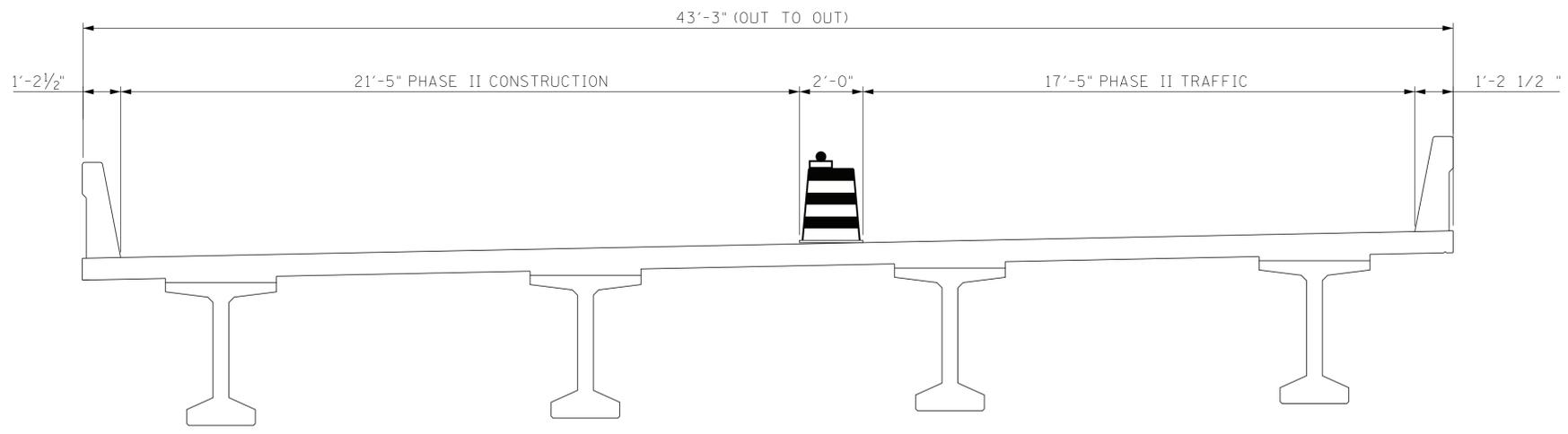
PIN NO.: 136525.00  
DESIGN BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
DRAWN BY: KEVIN MARTINKO DATE: 9-25  
SUPERVISED BY: BRIAN EGLI DATE: 9-25  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT NO.	YEAR	SHEET NO.	
14S052-M3-007	2026	B-9	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



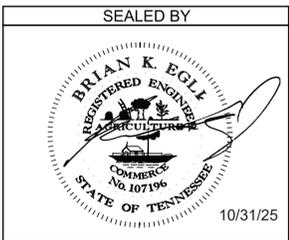
**PHASE I CONSTRUCTION**

LOOKING AHEAD ON SURVEY  
 BRIDGE ID. NO. 14SR0520019  
 BRIDGE ID. NO. 14SR0520020



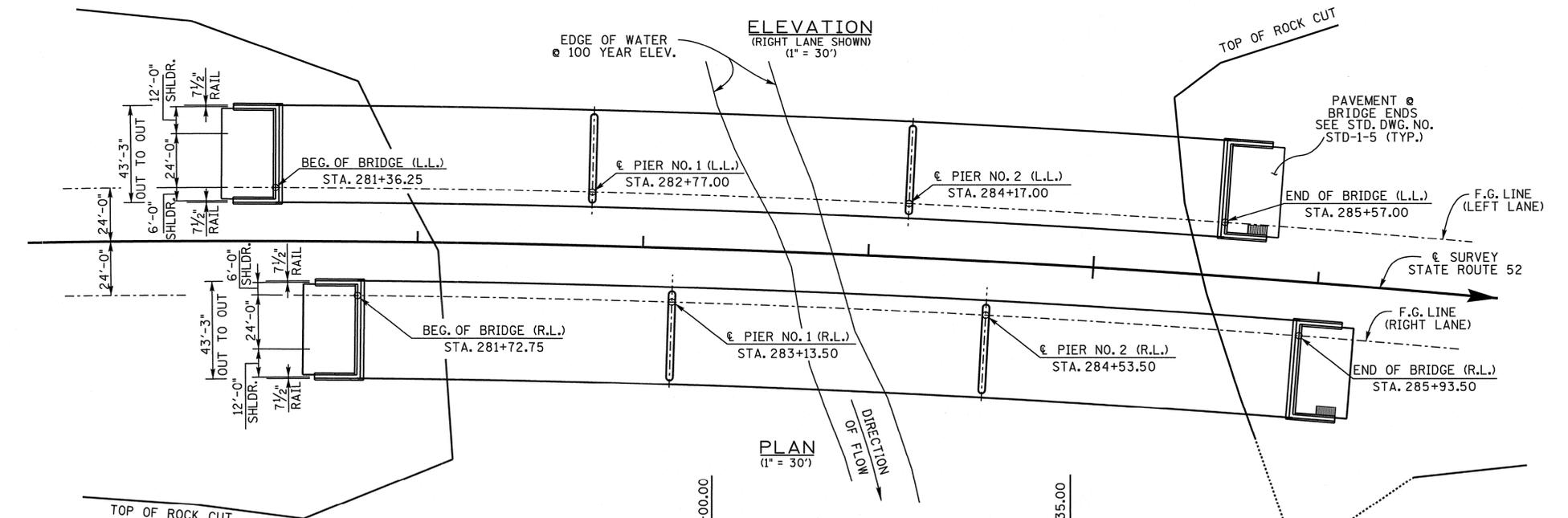
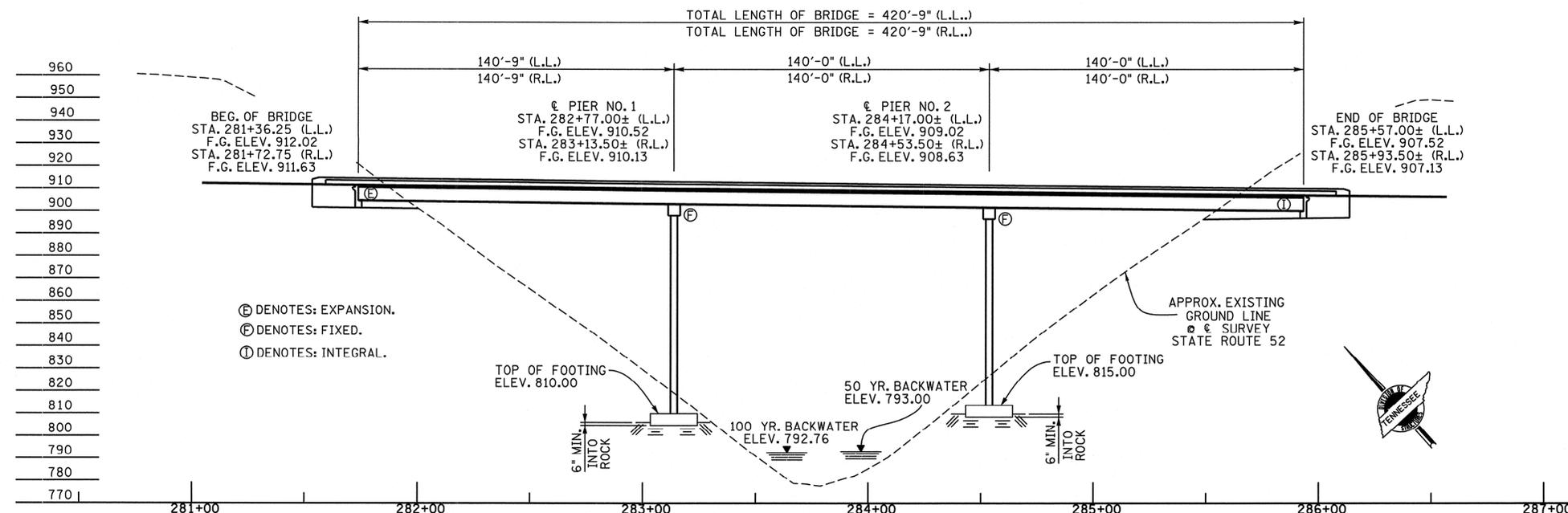
**PHASE II CONSTRUCTION**

LOOKING AHEAD ON SURVEY  
 BRIDGE ID. NO. 14SR0520019  
 BRIDGE ID. NO. 14SR0520020



STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 PHASE CONSTRUCTION  
 14-SR52-24.06L  
 OVER WET MILL CREEK ROAD  
 14-SR52-24.06R  
 OVER WET MILL CREEK ROAD  
 14SR0520019, 14SR052020  
 CLAY COUNTY  
 2026

PIN NO.: 136525.00  
 DESIGN BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DRAWN BY: KEVIN MARTINKO DATE: 9-25  
 SUPERVISED BY: BRIAN EGLI DATE: 9-25  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_



**CURVE DATA**

(STATE ROUTE 52)

CURVE	DS6003
P.I. STA.	280+64.97
N	792.643.0531
E	2.126.195.2462
Δ	36° 58' 59" (RT)
D	0° 57' 00"
R	6,031.13
L	3,892.95
T	2,017.00
SE	0.029 F <sub>ft</sub>
DESIGN SPEED	60 MPH
TRANS. LENGTH	200

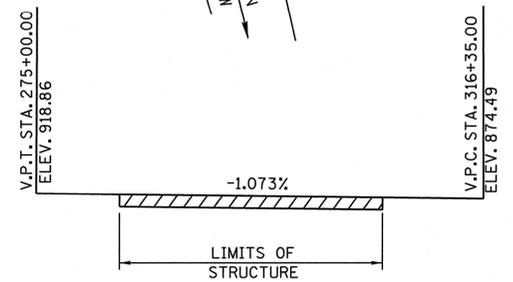
███ DENOTES: END OF BRIDGE DRAIN REQUIRED.  
4'-0" x 8'-7" WITH END OF BRIDGE PAVEMENT.  
SEE. STD. DWG. NO'S. STD-1-6, 7, AND 9

**HYDRAULIC DATA**

DRAINAGE AREA = 0.08 MI.<sup>2</sup>  
DESIGN DISCHARGE (100 YR.) = 148 CFS  
WATER AREA PROVIDED BELOW EL. 787.14 = 11.22 FT<sup>2</sup>  
100 YR. VELOCITY = 13.19 FPS  
100 YR. BRIDGE BACKWATER = 0.0 FT. @ EL. 792.76  
ROADWAY OVERTOPPING EL. = 897.16  
500 YR. DISCHARGE 194 @ EL. 793.00

**GRADE SKETCH**

(S.R. 52)



ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G., FOR PIER FOOTING, RIP-RAP PLACEMENT, MULTI-BARREL CULVERT/BRIDGE CONSTRUCTION, ETC.) SHALL BE SEPARATED FROM FLOWING WATER OR EXPECTED FLOW PATH AND PERFORMED DURING LOW FLOW CONDITIONS. ALL ITEMS USED WITHIN THE STREAM CHANNEL AREA FOR DIVERSION OF FLOW (OR EXPECTED FLOW), UNLESS SPECIFIED IN THE PLANS, SHALL NOT BE PAID DIRECTLY BUT SHALL BE INCLUDED IN THE COST OF OTHER ITEMS. THIS NOTE EXCLUDES ANY ITEMS SPECIFIED IN THE PLANS FOR THE TEMPORARY DIVERSION CHANNEL, EC-STR-31 AND TEMPORARY DIVERSION CULVERTS, EC-STR-32 FOR SINGLE BARREL CULVERT CONSTRUCTION.

CONST. NO. 14004-3220-64			
PROJECT NO.	YEAR	SHEET NO.	
APD-52(40)	2009		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	11-19-09	TEH	REVISION DATES
1	3-28-12	TEH	REVISION DATES

**LIST OF DRAWINGS**

DWG. NO.	REV.	DATE
U-17-75		3-28-12
U-17-76		11-19-09
U-17-77		
U-17-78		
U-17-79		
U-17-80		
U-17-81		
U-17-81A		
U-17-82		
U-17-83		
U-17-84		
U-17-85		
U-17-85A		
U-17-86		
U-17-86A		
U-17-86B		
U-17-87		
U-17-87A		
U-17-87B		
U-17-88		3-28-12
U-17-89		3-28-12
U-17-90		
U-17-91		
U-17-92		3-28-12
U-17-93		3-28-12
U-17-94		
U-17-95		
U-17-96		11-19-09
U-17-97		11-19-09
U-17-98		
U-17-99		
U-17-100		
U-17-101		11-19-09
U-17-102		11-19-09
U-17-103		11-19-09
U-17-104		11-19-09

**LIST OF STANDARD DRAWINGS**

DWG. NO.	REV.	DATE
STD-1-ISS		10-15-08
STD-1-2SS		NO DATE
STD-1-6		4-28-97
STD-1-7		7-31-00
STD-1-9		5-01-95
STD-4-1		4-08-05
STD-4-2		4-08-05
STD-4-3		3-02-02
STD-4-4		6-10-96
STD-6-1		5-21-99
STD-6-2		11-07-94
STD-9-1		10-07-08
STD-10-1		4-08-05
STD-14-1		10-15-08

\* DENOTES: THESE DRAWINGS TO BE PRINTED WITH PLANS.

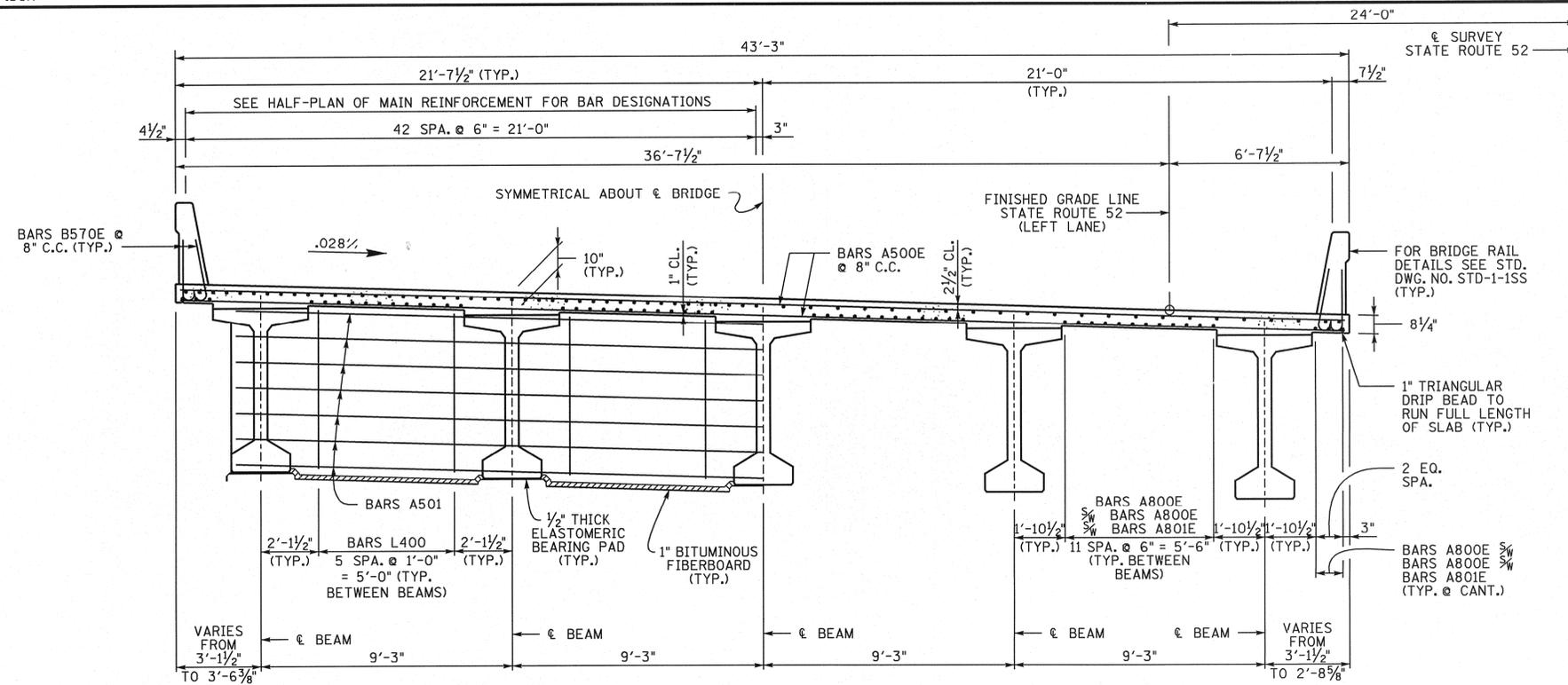
2026 ADT = 5370  
42'-0" ROADWAY WITH STD-1-ISS PARAPET  
DESIGN SPEED = 60 MPH

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

BRIDGE NO. 2  
LAYOUT OF BRIDGE  
(LEFT AND RIGHT LANES)  
STATE ROUTE 52  
OVER BRANCH  
BRIDGE I.D. NO. 14SR0520017  
(LEFT LANE)  
BRIDGE I.D. NO. 14SR0520018  
(RIGHT LANE)  
STATION 283+61.50  
CLAY/OVERTON COUNTIES  
2009



CORRECT *Edward P. Wasserman*  
ENGINEER OF STRUCTURES



HALF-SECTION NEAR SUPPORT  
 TYPICAL CROSS-SECTION (LOOKING FORWARD ON SURVEY)  
 HALF-SECTION NEAR MID-SPAN

NOTE: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SUPPORTING THE BEAMS TO PREVENT DAMAGE DUE TO TWISTING OR OVERTURNING DURING ALL PHASES OF CONSTRUCTION. IT IS STRONGLY RECOMMENDED THAT THE TEMPORARY ERECTION DIAPHRAGMS BE INSTALLED AND THE PERMANENT INTERMEDIATE DIAPHRAGMS BE INSTALLED PRIOR TO PLACING ANY LOADS ON THE GIRDERS. HOWEVER, TEMPORARY ERECTION DIAPHRAGMS AND PERMANENT INTERMEDIATE DIAPHRAGMS MUST BE IN PLACE IN THE SPAN AT THE TIME THE SLAB IS POURED IN SAID SPAN.

NOTE: WHEN POURING SLAB, PROVISIONS SHALL BE MADE FOR SETTING REINFORCING STEEL FOR PARAPET. THE PARAPET SHALL NOT BE POURED UNTIL THE SLAB IS POURED AND CURED. ALSO SEE DRAWING NO. STD-1-ISS.

NOTE: NO PORTION OF THE PARAPET SHALL BE POURED UNTIL THE ENTIRE DECK SLAB IS IN PLACE.

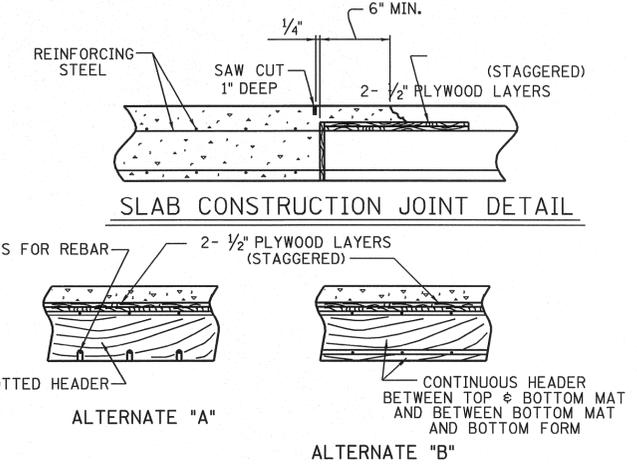
CONST. NO. 14004-3220-64

PROJECT NO.	YEAR	SHEET NO.
APD-52(40)	2009	

REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

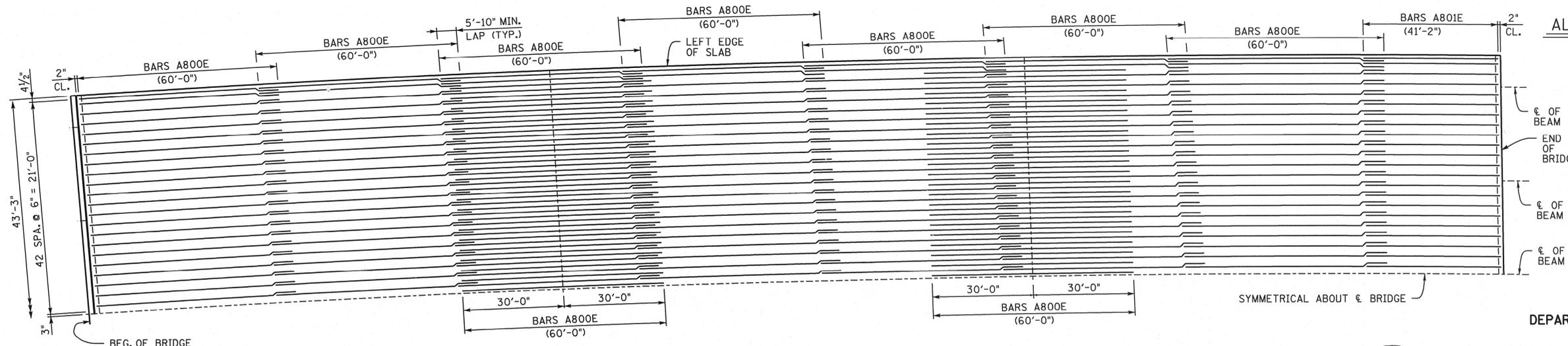
DECK CONCRETE POURING SEQUENCE: SLAB CONSTRUCTION JOINTS MAY BE LOCATED AT THE CONTRACTOR'S OPTION SUBJECT TO THE FOLLOWING:

- NO CONSTRUCTION JOINT MAY BE LOCATED CLOSER THAN 10'-0" OR FURTHER THAN 15'-0" FROM AN INTERIOR SUPPORT.
- ALL SLAB CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH THE SLAB CONSTRUCTION JOINT DETAIL SHOWN BELOW.



SLAB CONSTRUCTION JOINT DETAIL

ALTERNATE HEADER DETAILS



HALF-PLAN OF MAIN REINFORCEMENT

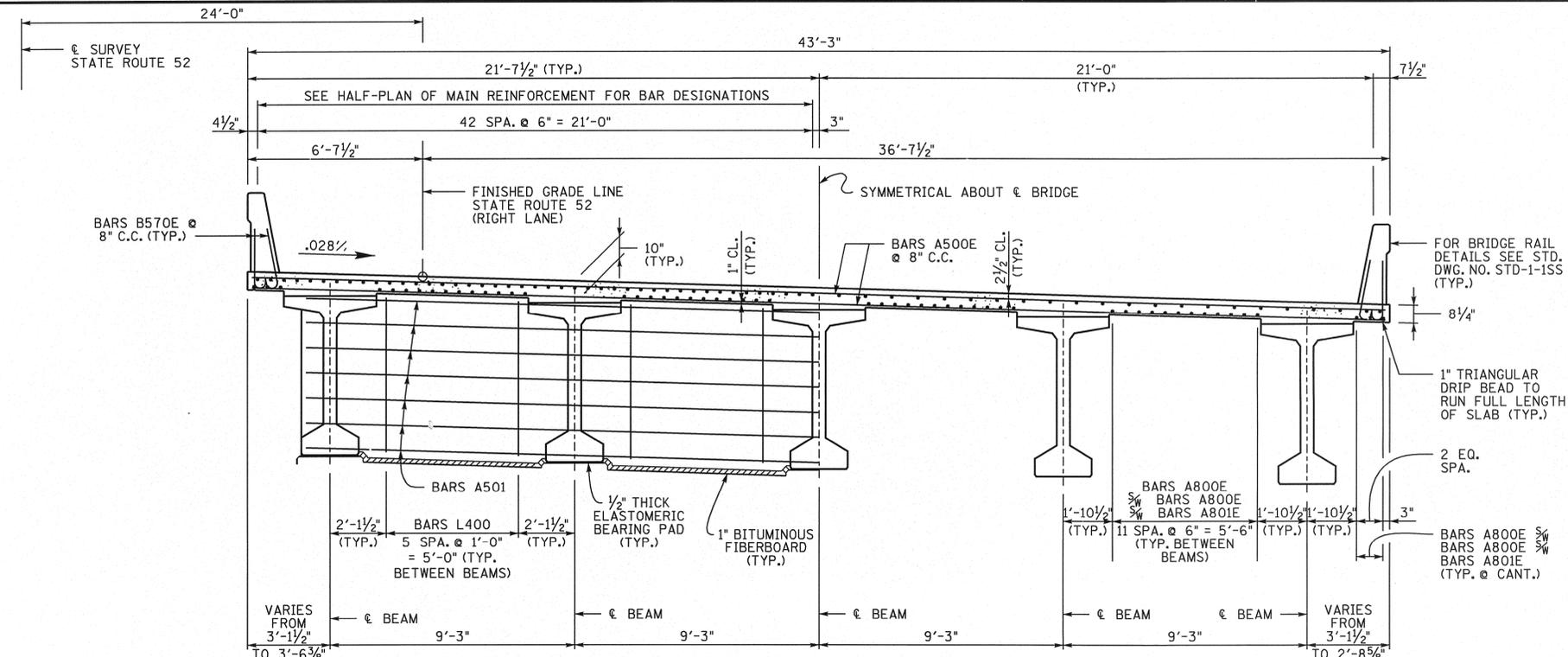
ESTIMATED QUANTITIES		
CONCRETE CLASS "D" (BRIDGE DECK) C.Y.	EPOXY COATED REINFORCING STEEL LB.	REINFORCING STEEL LB.
543	197,324	2,587



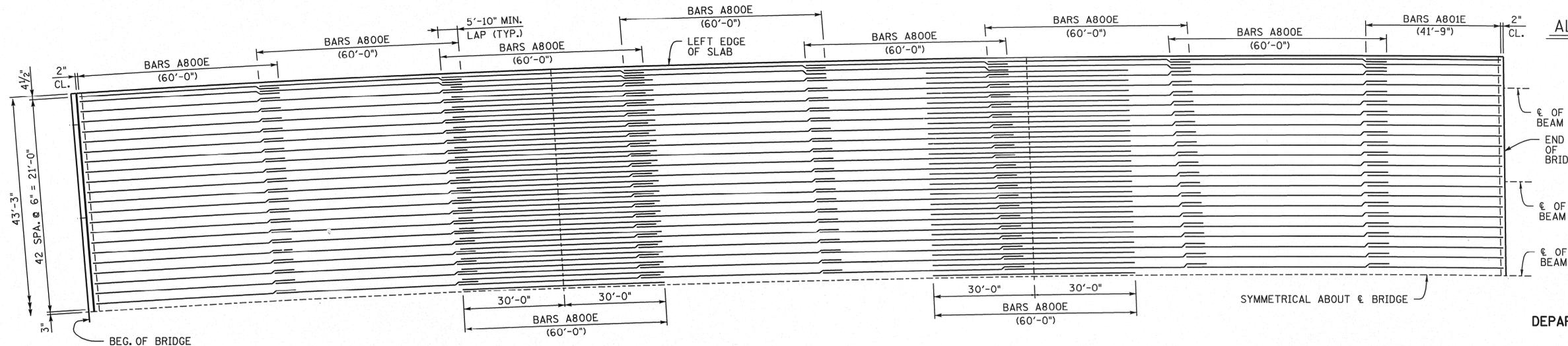
STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE NO. 2  
 SUPERSTRUCTURE (LEFT LANE)  
 STATE ROUTE 52  
 OVER BRANCH  
 STATION 283+64.88  
 CLAY/OVERTON COUNTIES  
 2009

DESIGNED BY TIM HUFF DATE 08-2008  
 DRAWN BY ROGER FOSTER DATE 02-2009  
 SUPERVISED BY FIELDS/HUFF DATE 02-2009  
 CHECKED BY TIM HUFF DATE 05-2009

CORRECT Edward P. Wasserman  
 ENGINEER OF STRUCTURES



**TYPICAL CROSS-SECTION**  
(LOOKING FORWARD ON SURVEY)



**HALF-PLAN OF MAIN REINFORCEMENT**

NOTE: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SUPPORTING THE BEAMS TO PREVENT DAMAGE DUE TO TWISTING OR OVERTURNING DURING ALL PHASES OF CONSTRUCTION. IT IS STRONGLY RECOMMENDED THAT THE TEMPORARY ERECTION DIAPHRAGMS BE INSTALLED AND THE PERMANENT INTERMEDIATE DIAPHRAGMS BE INSTALLED PRIOR TO PLACING ANY LOADS ON THE GIRDERS. HOWEVER, TEMPORARY ERECTION DIAPHRAGMS AND PERMANENT INTERMEDIATE DIAPHRAGMS MUST BE IN PLACE IN THE SPAN AT THE TIME THE SLAB IS POURED IN SAID SPAN.

NOTE: WHEN POURING SLAB, PROVISIONS SHALL BE MADE FOR SETTING REINFORCING STEEL FOR PARAPET. THE PARAPET SHALL NOT BE POURED UNTIL THE SLAB IS POURED AND CURED. ALSO SEE DRAWING NO. STD-1-1SS.

NOTE: NO PORTION OF THE PARAPET SHALL BE POURED UNTIL THE ENTIRE DECK SLAB IS IN PLACE.

CONST. NO. 14004-3220-64

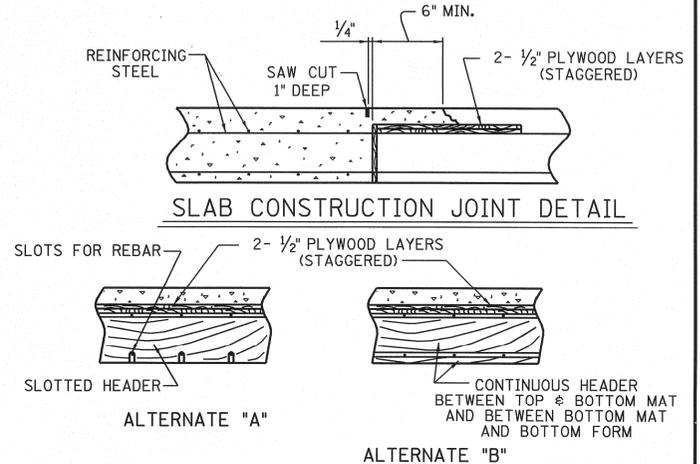
PROJECT NO.	YEAR	SHEET NO.
APD-52(40)	2009	

REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

DECK CONCRETE POURING SEQUENCE: SLAB CONSTRUCTION JOINTS MAY BE LOCATED AT THE CONTRACTOR'S OPTION SUBJECT TO THE FOLLOWING:

- NO CONSTRUCTION JOINT MAY BE LOCATED CLOSER THAN 10'-0" OR FURTHER THAN 15'-0" FROM AN INTERIOR SUPPORT.
- ALL SLAB CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH THE SLAB CONSTRUCTION JOINT DETAIL SHOWN BELOW.



**SLAB CONSTRUCTION JOINT DETAIL**

**ALTERNATE HEADER DETAILS**

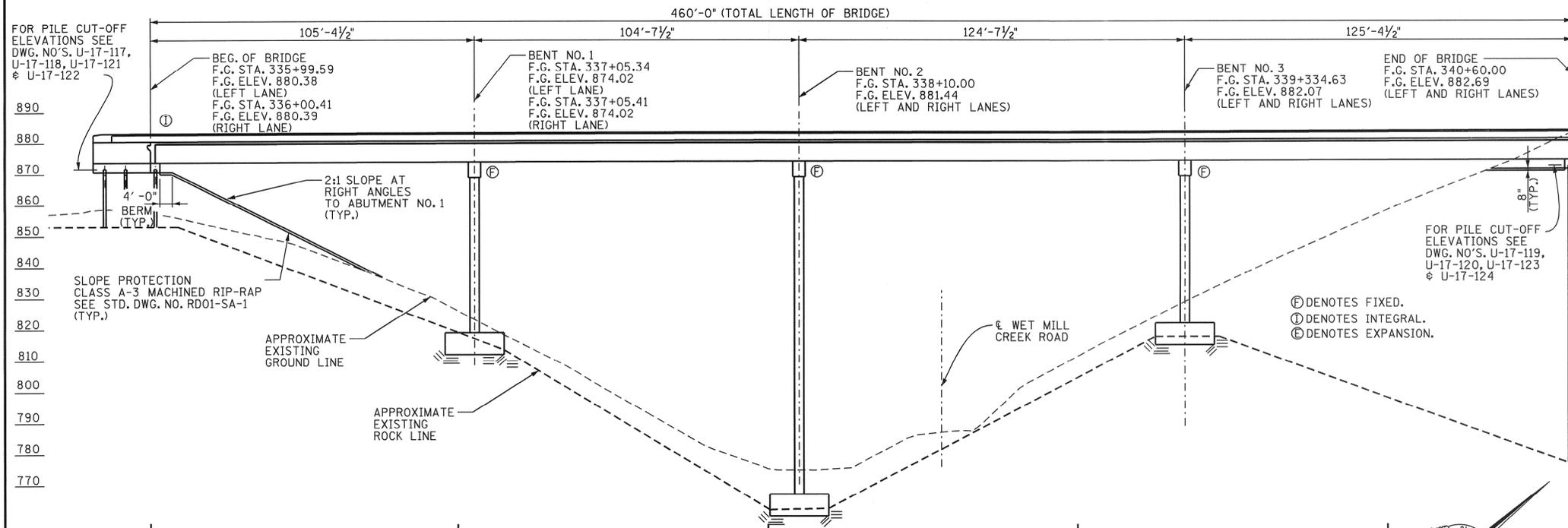
ESTIMATED QUANTITIES		
CONCRETE CLASS "D" (BRIDGE DECK) C.Y.	EPOXY COATED REINFORCING STEEL LB.	REINFORCING STEEL LB.
543	197,208	2,587



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BRIDGE NO. 2  
SUPERSTRUCTURE (RIGHT LANE)  
STATE ROUTE 52  
OVER BRANCH  
STATION 283+64.88  
CLAY/OVERTON COUNTIES  
2009

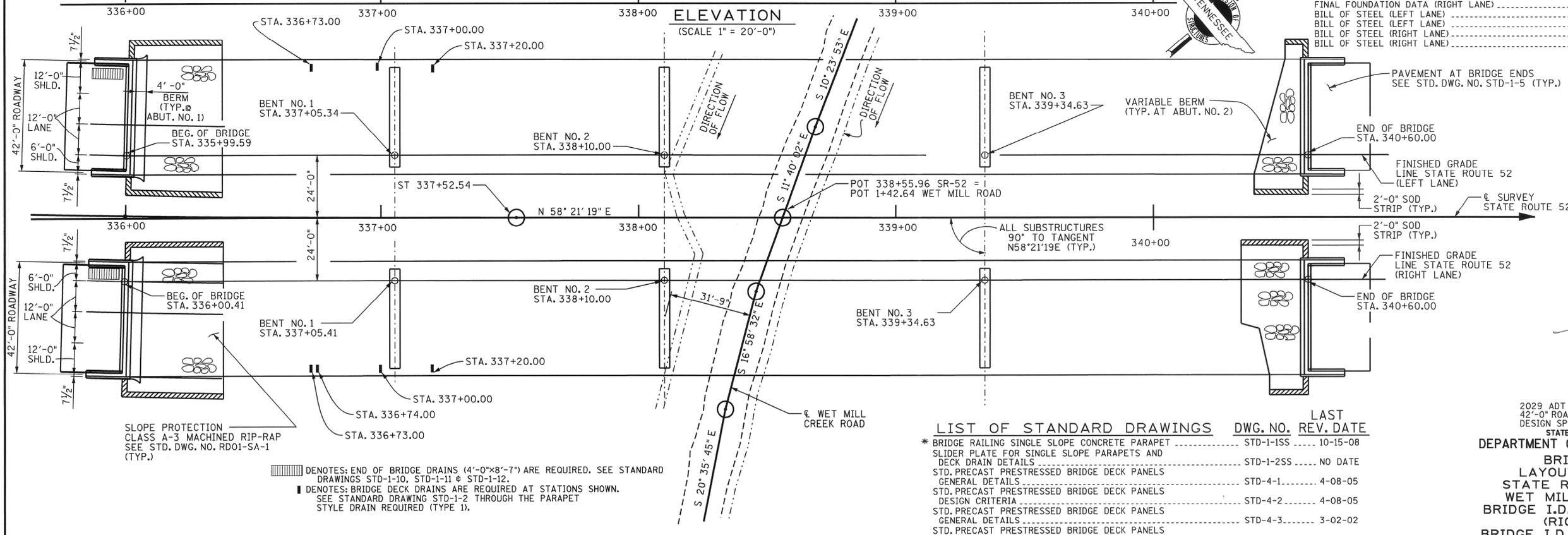
DESIGNED BY: TIM HUFF DATE: 08-2008  
DRAWN BY: ROGER FOSTER DATE: 02-2009  
SUPERVISED BY: FIELDS/HUFF DATE: 02-2009  
CHECKED BY: TIM HUFF DATE: 05-2009

CORRECT *Edward P. Wasserman*  
ENGINEER OF STRUCTURES



CONST. NO. 14004-3220-64			
PROJECT NO.	YEAR	SHEET NO.	
APD-52(40)	2009		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	11-19-09	TEH	REVISION DATES

LIST OF DRAWINGS		DWG. NO.	REV. DATE
GENERAL NOTES & ESTIMATED QUANTITIES			
		U-17-105	11-19-09
		U-17-106	11-19-09
		U-17-107	
		U-17-108	
		U-17-109	
		U-17-110	
		U-17-111	
		U-17-112	
		U-17-113	
		U-17-114	
		U-17-115	
		U-17-116	
		U-17-117	
		U-17-118	
		U-17-119	
		U-17-120	
		U-17-121	
		U-17-122	
		U-17-123	
		U-17-124	
		U-17-125	11-19-09
		U-17-126	11-19-09
		U-17-127	11-19-09
		U-17-128	11-19-09
		U-17-129	
		U-17-130	
		U-17-131	
		U-17-132	
		U-17-133	11-19-09
		U-17-134	11-19-09
		U-17-135	11-19-09



LIST OF STANDARD DRAWINGS		DWG. NO.	REV. DATE
* BRIDGE RAILING SINGLE SLOPE CONCRETE PARAPET	SLIDER PLATE FOR SINGLE SLOPE PARAPETS AND DECK DRAIN DETAILS	STD-1-1SS	10-15-08
STD. PRECAST PRESTRESSED BRIDGE DECK PANELS	GENERAL DETAILS	STD-4-1	4-08-05
STD. PRECAST PRESTRESSED BRIDGE DECK PANELS	DESIGN CRITERIA	STD-4-2	4-08-05
STD. PRECAST PRESTRESSED BRIDGE DECK PANELS	GENERAL DETAILS	STD-4-3	3-02-02
STD. PRECAST PRESTRESSED BRIDGE DECK PANELS	CONSTRUCTION DETAILS	STD-4-4	6-10-96
STANDARD SEISMIC DETAILS		STD-6-1	5-21-99
STANDARD SEISMIC DETAILS		STD-6-2	11-07-94
REINF. BAR SUPPORT DETAILS FOR CONC. SLABS		STD-9-1	12-19-94
MISCELLANEOUS ABUTMENT & DRAINAGE DETAILS		STD-10-1	4-08-05
* STD. DETAILS AND INTERMEDIATE DIAPHRAGM DETAILS	FOR BULB-TEE BEAMS	STD-14-1	10-15-08
SLOPE PROTECTION		RD01-SA-1	10-15-02

2029 ADT = 6030  
 42'-0" ROADWAY WITH STD-1-1SS PARAPET  
 DESIGN SPEED = 60 mph  
 STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE NO. 3  
 LAYOUT OF BRIDGE  
 STATE ROUTE 52 OVER  
 WET MILL CREEK ROAD  
 BRIDGE I.D. NO. 14SR0520019  
 (RIGHT LANE)  
 BRIDGE I.D. NO. 14SR0520020  
 (LEFT LANE)  
 STATION 338+30.00  
 CLAY/OVERTON COUNTY  
 2009



DESIGNED BY: TIM HUFF DATE: 06-08  
 DRAWN BY: KEVIN MARTINKO DATE: 04-07  
 SUPERVISED BY: FIELDS & MILLER DATE: 04-07  
 CHECKED BY: TIM HUFF DATE: 04-09

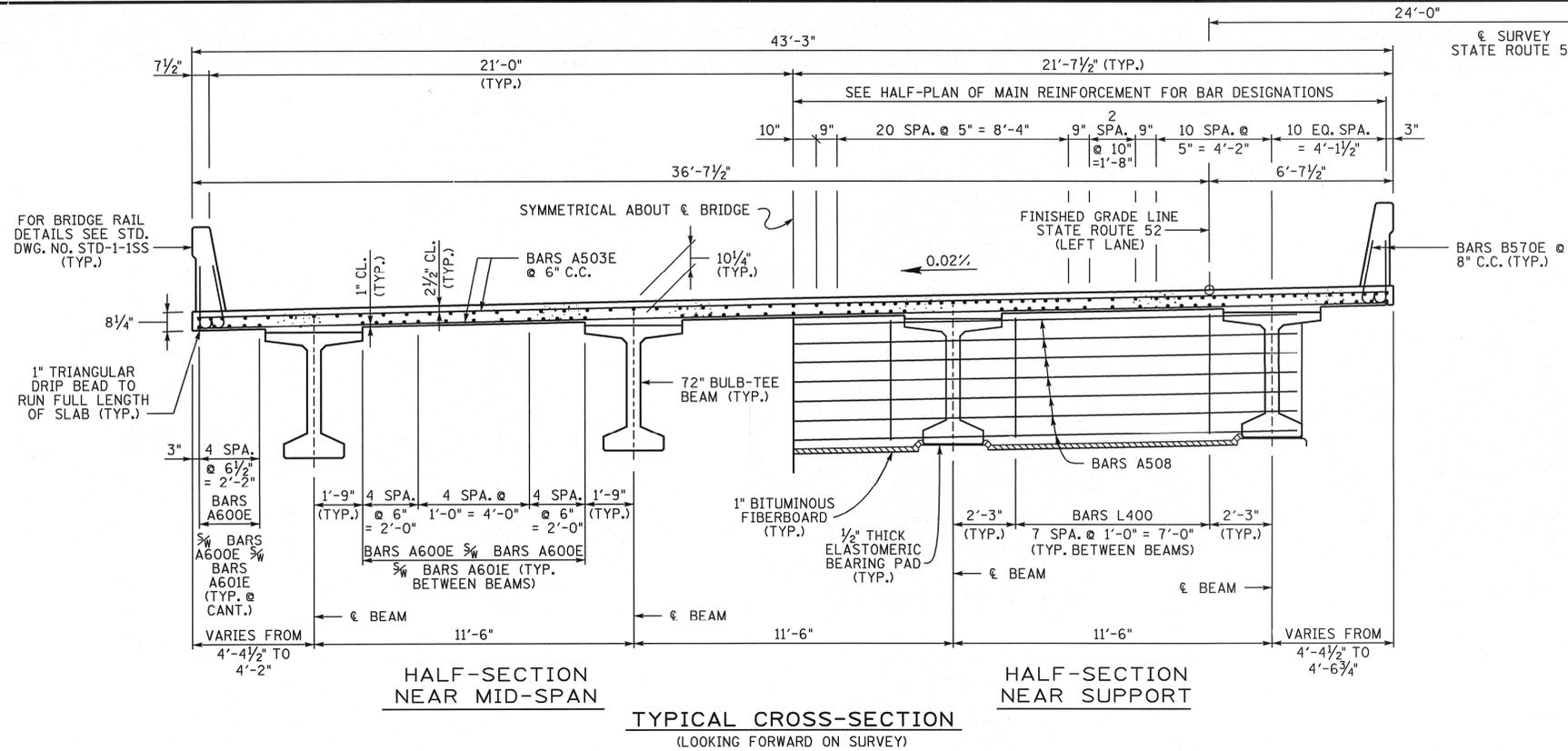
CORRECT *Edward P. Wasserman*  
 ENGINEER OF STRUCTURES

U-17-105

CLASS A-3 RIP-RAP = 423 TONS

D:\d\118\WORK\902F\lay902f.dgn 11-19-09 09:53

CONST. NO. 14004-3220-64			
PROJECT NO.	YEAR	SHEET NO.	
APD-52(40)	2009		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



NOTE: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SUPPORTING THE BEAMS TO PREVENT DAMAGE DUE TO TWISTING OR OVERTURNING DURING ALL PHASES OF CONSTRUCTION. IT IS STRONGLY RECOMMENDED THAT THE TEMPORARY ERECTION DIAPHRAGMS BE INSTALLED AND THE PERMANENT INTERMEDIATE DIAPHRAGMS BE INSTALLED PRIOR TO PLACING ANY LOADS ON THE GIRDERS. HOWEVER, TEMPORARY ERECTION DIAPHRAGMS AND PERMANENT INTERMEDIATE DIAPHRAGMS MUST BE IN PLACE IN THE SPAN AT THE TIME THE SLAB IS POURED IN SAID SPAN.

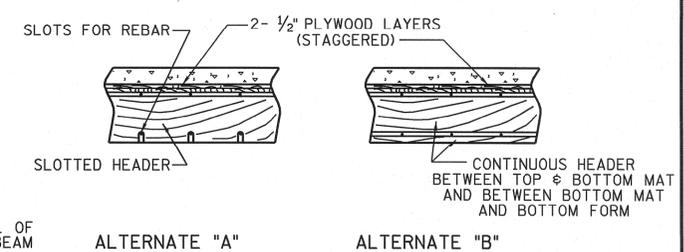
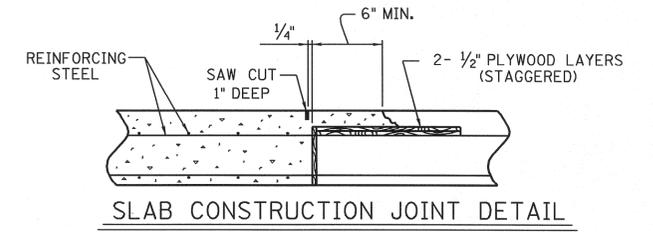
NOTE: WHEN POURING SLAB, PROVISIONS SHALL BE MADE FOR SETTING REINFORCING STEEL FOR PARAPET. THE PARAPET SHALL NOT BE POURED UNTIL THE SLAB IS POURED AND CURED. ALSO SEE DRAWING NO. STD-1-1SS.

NOTE: NO PORTION OF THE PARAPET SHALL BE POURED UNTIL THE ENTIRE DECK SLAB IS IN PLACE.

NOTE: OUTSIDE EDGE OF SLAB AND BRIDGE RAIL TO CONFORM TO HORIZONTAL CURVE.

DECK CONCRETE POURING SEQUENCE: SLAB CONSTRUCTION JOINTS MAY BE LOCATED AT THE CONTRACTOR'S OPTION SUBJECT TO THE FOLLOWING:

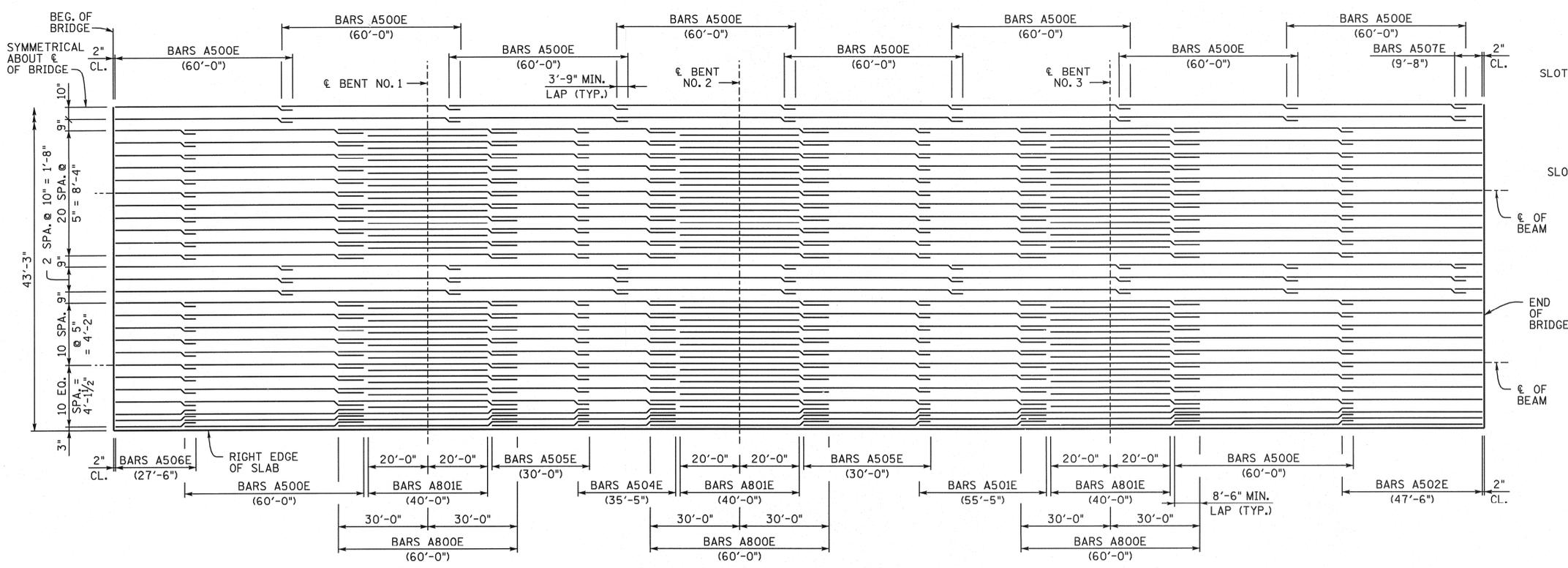
1. NO CONSTRUCTION JOINT MAY BE LOCATED CLOSER THAN 10'-0" OR FURTHER THAN 15'-0" FROM AN INTERIOR SUPPORT.
2. ALL SLAB CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH THE SLAB CONSTRUCTION JOINT DETAIL SHOWN BELOW.



ALTERNATE HEADER DETAILS

ESTIMATED QUANTITIES		
CONCRETE CLASS "D" (BRIDGE DECK) C.Y.	EPOXY COATED REINFORCING STEEL LB.	REINFORCING STEEL LB.
581	179,920	2,400

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE NO. 3  
 SUPERSTRUCTURE (LEFT LANE)  
 STATE ROUTE 52 OVER WET MILL CREEK ROAD  
 STATION 338+30.00  
 CLAY/OVERTON COUNTIES  
 2009



HALF-PLAN OF MAIN REINFORCEMENT

DESIGNED BY: TIM HUFF DATE: 08-2008  
 DRAWN BY: ROGER FOSTER DATE: 02-2009  
 SUPERVISED BY: FIELDS/HUFF DATE: 02-2009  
 CHECKED BY: TIM HUFF DATE: 04-2009

CORRECT Edward P. Wasserman  
 ENGINEER OF STRUCTURES