

1/29/2025 7:26:41 AM
M:\Design County Folders\A-PAVEMENT PROGRAM\2025\STATE ROUTES\CNZ039 130550_130549_132865-00 Overton-52-85-52\SHEET FILES\01-000-Roadway-Sign2.dgn



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Digitally signed by Jason Ingram
Date: 2025.02.03 08:09:36 -05'00'

Jason Ingram

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TENNESSEE DEPARTMENT OF TRANSPORTATION
7512 VOLKSWAGEN DRIVE

CHATTANOOGA, TN
JASON MARK INGRAM, P.E. NO. 114814

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	ROADWAY-SIGN2
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1

YEAR	PROJECT NO.	SHEET NO.
2025	STP/HSIP-52(106)	ROADWAY-SIGN2
	67S052-F8-007	
	67S052-F3-007	
	STP/HSIP-85(51)	
	67S085-F8-004	
	67S085-F3-004	
	STP/HSIP-52(103)	
	67S052-F8-005	
	67S052-F3-005	

REVISED 1-28-25: ADDED SHEET

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Joseph Burchfield

Digitally signed by Joseph Burchfield
Date: 2024.11.20 12:29:11 -05'00'

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TENNESSEE DEPARTMENT OF TRANSPORTATION
7512 VOLKSWAGEN DRIVE

CHATTANOOGA, TN
JOSEPH H. BURCHFIELD, P.E. NO. 122745

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	ROADWAY-SIGN1
TITLE SHEET	1, 1-1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
PROJECT COMMITMENTS	1B
ESTIMATED ROADWAY QUANTITIES	2, 2-1, 2-2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1, 2B2
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
TABULATED QUANTITIES	2F, 2F1, 2F2
DETAIL SHEETS	2G - 2G9
UTILITY NOTES AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP OFF NOTES FOR TRAFFIC CONTROL.....	T1

YEAR	PROJECT NO.	SHEET NO.
2025	STP/HSIP-52(106)	ROADWAY-SIGN1
	67S052-F8-007	
	67S052-F3-007	
	STP/HSIP-85(51)	
	67S085-F8-004	
	67S085-F3-004	
	STP/HSIP-52(103)	
	67S052-F8-005	
	67S052-F3-005	

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET

Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

OVERTON COUNTY

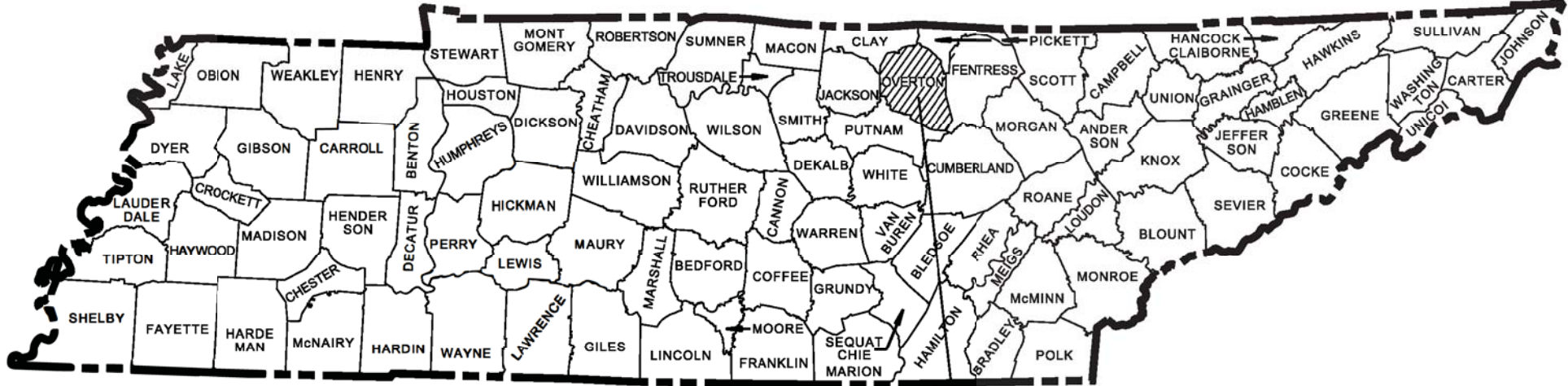
STATE ROUTE 85
FROM SR-111 (LM 11.17)
TO SR-52 (LM 11.91)
(INCLUDES SR-85 WB)
RESURFACE & SAFETY

STATE ROUTE 52
FROM NEAR HENSON STREET (LM 10.96)
TO ROBERT STREET (LM 11.28)
(INCLUDES SR-52 WB)
RESURFACE & SAFETY

NIGHT WORK, COLD PLANE, RESURFACE (411D), AND PAVEMENT MARKINGS
STATE HIGHWAY NO. 85 F.A.H.S. NO. STATE HIGHWAY NO. 52 F.A.H.S. NO.

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

TENN.	YEAR	SHEET NO.
	2025	1
FED. AID PROJ. NO.	STP/HSIP-52(106)	
STATE PROJ. NO.	67S052-F8-007, 67S052-F3-007	
FED. AID PROJ. NO.	STP/HSIP-85(51)	
STATE PROJ. NO.	67S085-F8-004, 67S085-F3-004	



PROJECT LOCATION
SR-85 NO BRIDGE WITHIN PROJECT LIMITS
SR-52 NO BRIDGE WITHIN PROJECT LIMITS

NO EXCLUSIONS

67S052-F3-007
67S052-F8-007
END PROJECT NO. STP/HSIP-52(106) RESURFACE & SAFETY

67S052-F3-007
67S052-F8-007
BEGIN PROJECT NO. STP/HSIP-52(106) RESURFACE & SAFETY
LM 10.96

BEGIN WESTBOUND SR-85
LM 0.00
END WESTBOUND SR-85
LM 0.47

67S085-F3-004
67S085-F8-004
BEGIN PROJECT NO. STP/HSIP-85(51) RESURFACE & SAFETY
LM 11.17

67S085-F3-004
67S085-F8-004
END PROJECT NO. STP/HSIP-85(51) RESURFACE & SAFETY
LM 11.91

SPECIAL NOTES

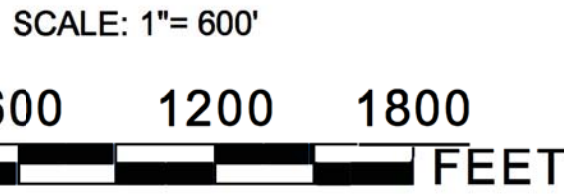
PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

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 : ANDREW ZAZZARA, P.E.
ENGINEER ON RECORD : JASON M. INGRAM, P.E.
DESIGNER : DIANE EVITT CHECKED BY : LANDO SANTOS
P.E. NO. 98023-4217-04
PIN NO. 130549.00 (SR-85), 130550.00 (SR-52)

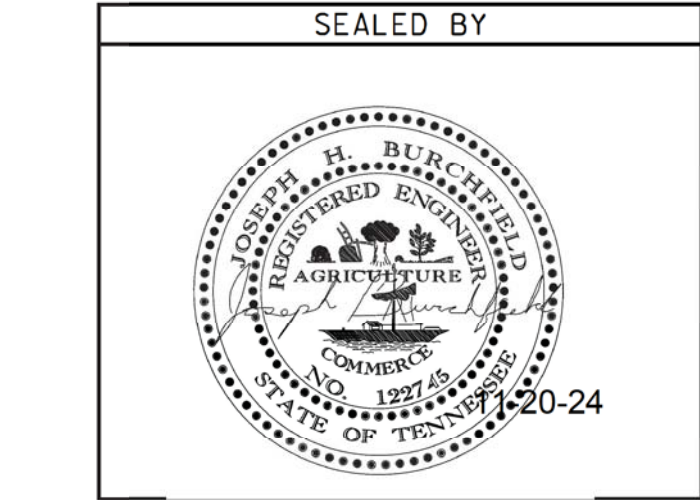
PROJECT LENGTH
TOTAL LANE MILES RESURFACED

SR-85	SR-52	TOTAL	
0.74	0.32	1.06	MILES
3.35	1.10	4.45	MILES



SR-85 TRAFFIC DATA	
ADT (2025)	8,890
POSTED SPEED	
LM 11.17 - LM 11.58	45 MPH
LM 11.58 - LM 11.91	25 MPH

SR-52 TRAFFIC DATA	
ADT (2025)	6,560
POSTED SPEED	
LM 10.96 - LM 11.26	25 MPH
LM 11.26 - LM 11.28	30 MPH



APPROVED: WILL REID, CHIEF ENGINEER

DATE:

APPROVED: HOWARD M. ELEY, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: DIVISION ADMINISTRATOR DATE

Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

OVERTON COUNTY

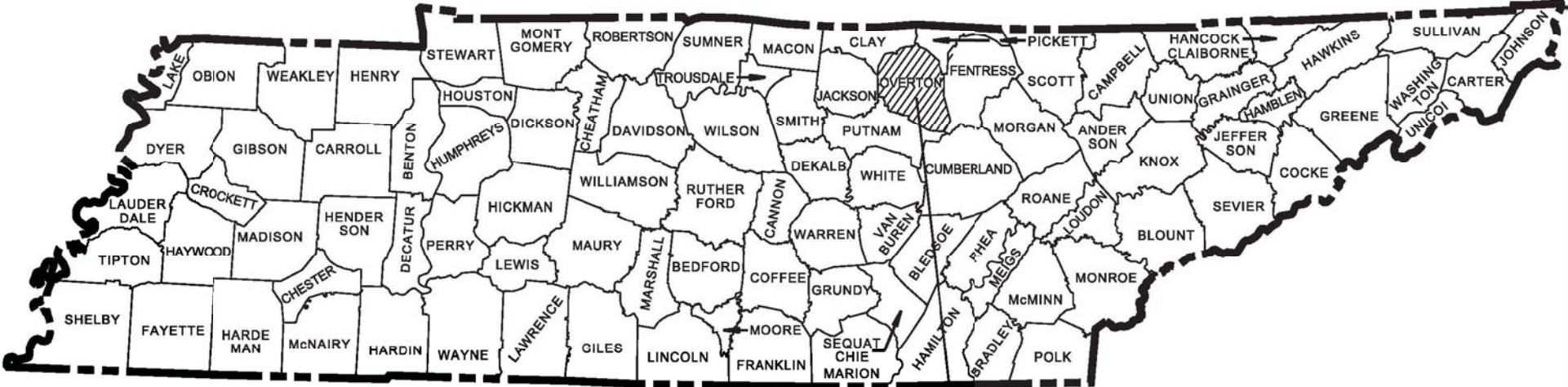
STATE ROUTE 52
FROM EAST OF SR-294 (LM 12.15)
TO NEAR DOGWALK ROAD (LM 18.32)

RESURFACE & SAFETY
NIGHT WORK, COLD PLANE, RESURFACE (411D), AND PAVEMENT MARKINGS.

STATE HIGHWAY NO. 29 F.A.H.S. NO. 27

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

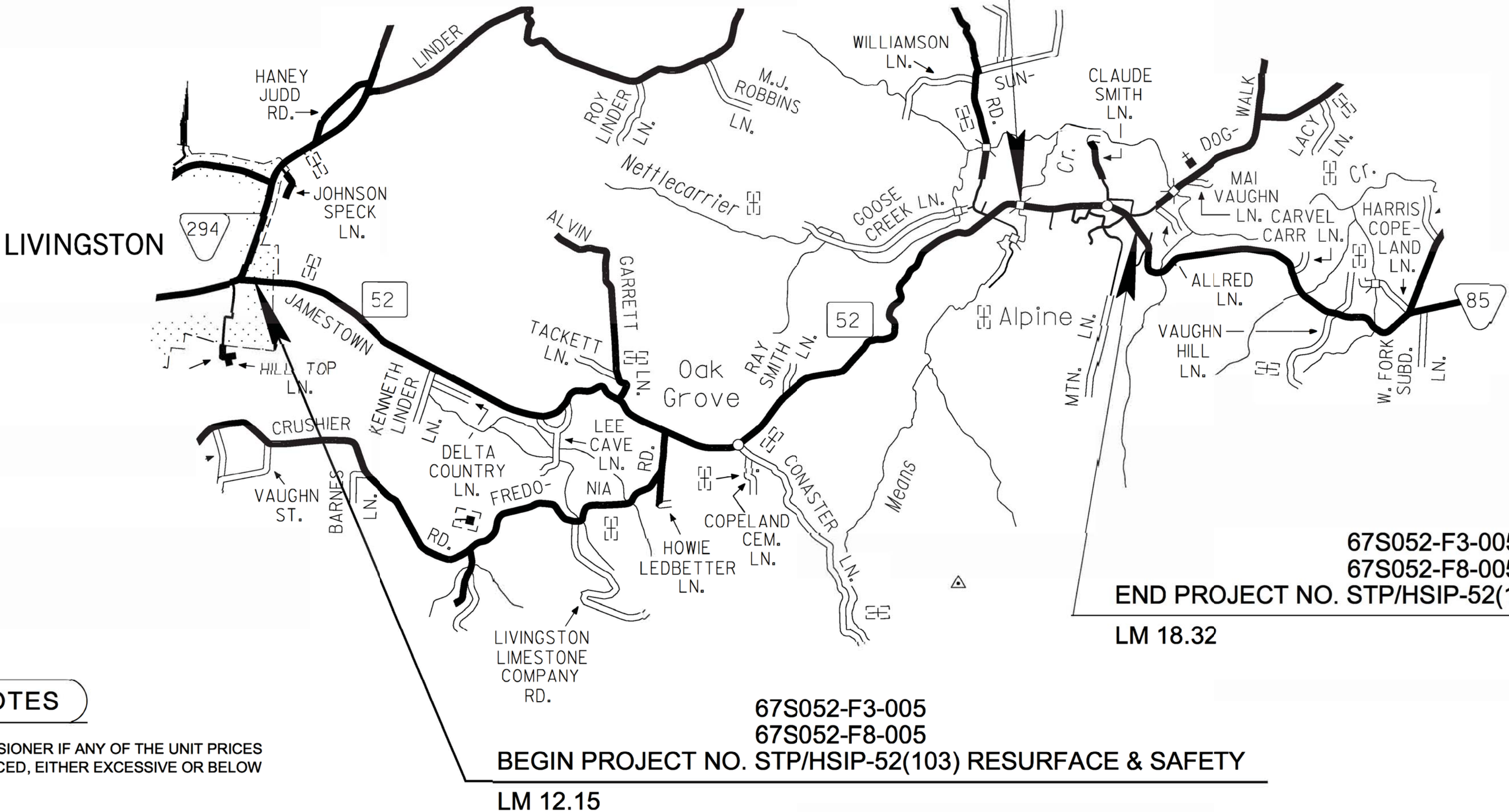
TENN.	YEAR	SHEET NO.
	2025	1-1
FED. AID PROJ. NO.	STP/HSIP-52(103)	
STATE PROJ. NO.	67S052-F8-005, 67S052-F3-005	
BRIDGE	67S052-M3-006	



PROJECT LOCATION
BRIDGE ID. #

NO EXCLUSIONS

BRIDGE REPAIR PROJECT NO. 67S052-M3-006
MEANS CREEK LM 17.65



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.

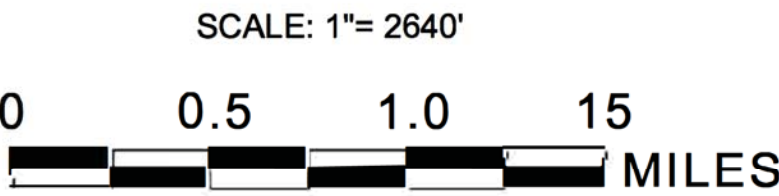
THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2021 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT PROJECT MANAGER : ANDREW ZAZZARA, P.E.
ENGINEER ON RECORD: JASON M. INGRAM, P.E.
DESIGNER : DIANE EVITT CHECKED BY : LANDO SANTOS
P.E. NO. 98023-4217-04
PIN NO. 132865.00

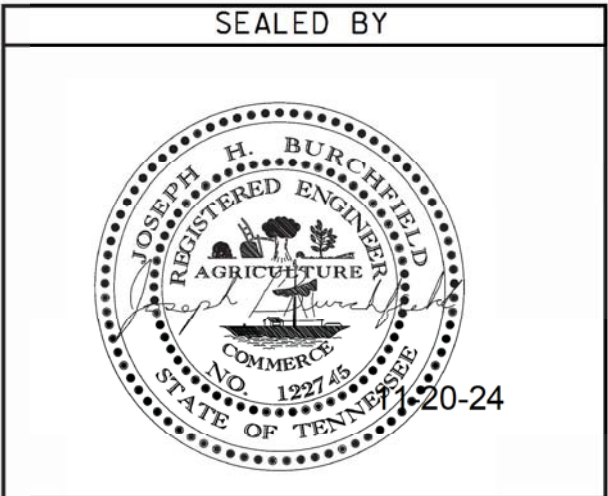
PROJECT LENGTH 6.17 MILES
TOTAL LANE MILES RESURFACED 12.30 MILES

67S052-F3-005
67S052-F8-005
END PROJECT NO. STP/HSIP-52(103) RESURFACE & SAFETY
LM 18.32

67S052-F3-005
67S052-F8-005
BEGIN PROJECT NO. STP/HSIP-52(103) RESURFACE & SAFETY
LM 12.15



TRAFFIC DATA	
ADT (2025)	2,290
POSTED SPEED	55 MPH



APPROVED: Will Reid
WILL REID, CHIEF ENGINEER

DATE: _____

APPROVED: Howard M. Eley
HOWARD M. ELEY, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	1A
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

REVISION - LETTING 1-28-25:
ADDED ROADWAY-SIGN2 AND REFERENCE
DRAWINGS TO INDEX.

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS.....	ROADWAY-SIGN2
.....	ROADWAY-SIGN1
TITLE SHEET	1, 1-1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS.....	1A
PROJECT COMMITMENTS.....	1B
ESTIMATED ROADWAY QUANTITIES	2, 2-1, 2-2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1, 2B2
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
TABULATED QUANTITIES	2F, 2F1, 2F2
DETAIL SHEETS	2G – 2G9
UTILITY NOTES, AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL	T1
BRIDGE PLANS	B-1
REFERENCE DRAWINGS - PUBLIC SQUARE ENHANCEMENTS FOR LIVINGSTON PIN 119887.00, PROJECT NOS. TAP-6700(33), 67LPLM-F3-007 SHEET NOS. C0.01, C0.41, C1.01, C1.02, C1.03, C1.04 & C7.01	

NOTES:

THE ALPHABETICAL LETTERS “I”, “O” & “Q” ARE NOT USED IN THE NUMBERING OF SHEETS.

SHEET 2A SERIES NOT INCLUDED IN THIS SET OF PLANS.


STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
RD-TP-1	09-26-16	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
10-107.00 DESIGN - TRAFFIC CONTROL		
T-M-1	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-09-24	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	07-07-23	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	07-17-20	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-16	03-04-21	RUMBLE STRIPE INSTALLATION LAYOUT
T-M-18	10-29-21	FLEXIBLE DELINEATOR DETAILS
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-04-21	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS

STANDARD TRAFFIC OPERATIONS DRAWINGS

DWG.	REV.	DESCRIPTION
SIGNS		
T-S-9	06-10-14	STANDARD LAYOUT GROUND MOUNTED SIGNS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN
T-S-16	07-02-15	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-17	07-11-17	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-19	06-12-20	STANDARD STEEL SIGN SUPPORTS
T-S-20	07-11-17	SIGN DETAILS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	1B
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

PROJECT COMMITMENTS			
COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STATION / LOCATION
EDHZ001	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	An Asbestos Containing Material (ACM) survey was completed on Bridge No. 67SR0520001 SR-52 over Means Creek LM 17.65 (67-SR052-17.65). No asbestos was detected. Please see the report 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).	

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROJECT COMMITMENTS

FOOTNOTES

- (1) SEE SHEET 2D, PAVING NOTE (1) FOR INFORMATION.
- (2) TO BE USED FOR SPOT REPAIR. SEE SHEETS 2B AND 2F FOR LOCATIONS AND TABULATION.
- (3) INCLUDES 0.4 TONS FOR STREETS, BUSINESS ENTRANCES, DRIVEWAYS, AND SPOT REPAIR.
- (4) INCLUDES 52 TONS FOR STREETS, BUSINESS ENTRANCES, AND DRIVEWAYS.
- (5) USE CRAFCO PAVEMENT JOINT ADHESIVE #34524, PAVON JOINT ADHESIVE BY PAVON CORPORATION OR DENSO RE-INSTATEMENT TAPE.
- (6) INCLUDES 74 TONS FOR COUNTY ROADS, BUSINESS ENTRANCES, AND SPOT REPAIR.
- (7) UPGRADE CATCHBASINS WITH NEW GRATES AND ADJUSTMENTS. COST TO INCLUDE REMOVAL OF EXISTING GRATE AND REPLACE WITH BICYCLE FRIENDLY GRATES WHERE APPLICABLE INCLUDING ALL MATERIAL, PARTS, LABOR, EQUIPMENT, MACHINERY, TOOLS OR APPARATUS NECESSARY FOR REMOVAL AND INSTALLATION.
- (8) CONTRACTOR SHALL VERIFY SIZE OF GRATES PRIOR TO ORDERING MATERIALS.
- (9) INCLUDES ALL COST ASSOCIATED WITH NIGHT TIME WORK ZONE LIGHTING.
- (10) SEE SHEET 2F FOR TABULATION.
- (11) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (12) TO BE USED FOR REPLACING PAVER CROSS-WALKS AROUND TOWN SQUARE AS DIRECTED BY THE TDOT PROJECT ENGINEER. SEE REFERENCE DRAWING SHEET NOS. C0.01, C0.41, C1.01, C1.02, C1.03, C1.04 & C7.01 FOR ADDITIONAL INFORMATION.
- (13) TO BE USED FOR TEMPORARY STRIPING ON COLD PLANED SURFACE AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (14) TO BE USED FOR RESTRIPIING PARKING SPACES AS DIRECTED BY THE TDOT PROJECT ENGINEER. INCLUDES ALL COST ASSOCIATED WITH HAND WORK REQUIRED FOR STRIPING APPROX. 1000 LF OF PARKING LINES.
- (15) CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.
- (16) TO BE USED AROUND CITY SQUARE AND TURN LANES AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (17) FOR REPLACING SIGNAL LOOPS AT SR-85 RT (LM 10.98), AND CHURCH ST RT (LM 11.00) AS DIRECTED BY THE TDOT PROJECT ENGINEER.

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REVISION - LETTING 1-28-25: ADDED ITEM 411-33.35 WITH FOOTNOTE (14A). ADDED FOOTNOTE (14A) TO ITEM 716-02.03. CHANGED QUANTITY OF ITEM 716-02.09.


TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2-1
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

STATE ROUTE 85

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 67S085-F8-004	QUANTITY 67S085-F3-004	TOTAL QUANTITY
(1A)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	2.4		2.4
(2A)	307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	46		46
(3A)	403-02.01 TRACKLESS TACK COAT	TON	15		15
(4A)	411-01.10 ACS MIX(PG64-22) GRADING D	TON	2163		2163
(5A)	411-01.21 LONGITUDINAL JOINT SEALANT	L.M.	3.3		3.3
(14A)	411-33.35 STAMPED ASPHALT (AGGREGATE REINFORCED THERMOPLASTIC)	S.F.	3165		3165
(6A)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	2184		2184
(7A)(8A)	611-09.01 ADJUSTMENT OF EXISTING CATCHBASIN	EACH		3	3
(9A)	712-01 TRAFFIC CONTROL	LS	0.1		0.1
(10A)	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	100		100
(10A)	712-06 SIGNS (CONSTRUCTION)	S.F.	558		558
	712-08.03 ARROW BOARD (TYPE C)	EACH	1		1
(11A)	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	1		1
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH		50	50
	716-01.23 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH		110	110
(12A)(14A)	716-02.03 PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.	295		295
(12A)	716-02.04 PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	34		34
(12A)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	360		360
(12A)(13A)	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		11	11
(12A)	716-02.09 PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		350	350
(12A)	716-04.01 PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH		4	4
(12A)	716-04.05 PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH		6	6
(12A)	716-04.12 PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.		21	21
(15A)	716-05.01 PAINTED PAVEMENT MARKING (4" LINE)	L.M.	5.5		5.5
(15A)	716-05.05 PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	360		360
(16A)	716-12.01 ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.	0.2		0.2
(17A)	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	3.5		3.5
(17A)	716-12.05 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	80		80
(17A)(18A)	716-12.06 ENHANCED FLAT LINE THERMO (8IN LINE)	L.F.	807		807
	717-01 MOBILIZATION	LS	0.1		0.1
(19A)	730-14.02 SAW SLOT	L.F.		2800	2800
(19A)	730-14.03 LOOP WIRE	L.F.		7600	7600

FOOTNOTES	
(1A)	SEE SHEET 2D, PAVING NOTE (1) FOR INFORMATION.
(2A)	TO BE USED FOR SPOT REPAIR. SEE SHEETS 2B1 AND 2F1 FOR LOCATIONS AND TABULATION.
(3A)	INCLUDES 0.7 TONS FOR STREETS, BUSINESS ENTRANCES, DRIVEWAYS, AND SPOT REPAIR.
(4A)	INCLUDES 88 TONS FOR STREETS, BUSINESS ENTRANCES, AND DRIVEWAYS.
(5A)	USE CRAFCO PAVEMENT JOINT ADHESIVE #34524, PAVON JOINT ADHESIVE BY PAVON CORPORATION OR DENSO RE-INSTATEMENT TAPE.
(6A)	INCLUDES 128 TONS FOR COUNTY ROADS, BUSINESS ENTRANCES, AND SPOT REPAIR.
(7A)	UPGRADE CATCHBASINS WITH NEW GRATES AND ADJUSTMENTS. COST TO INCLUDE REMOVAL OF EXISTING GATE AND REPLACE WITH BICYCLE FRIENDLY GRATES WHERE APPLICABLE INCLUDING ALL MATERIAL, PARTS, LABOR, EQUIPMENT, MACHINERY, TOOLS OR APPARATUS NECESSARY FOR REMOVAL AND INSTALLATION.
(8A)	CONTRACTOR SHALL VERIFY SIZE OF GRATES PRIOR TO ORDERING MATERIALS.
(9A)	INCLUDES ALL COST ASSOCIATED WITH NIGHT TIME WORK ZONE LIGHTING.
(10A)	SEE SHEET 2F1 FOR TABULATION.
(11A)	TO BE USED IN ADVANCE OF BEGIN SR-85 PROJECT LIMITS.
(12A)	CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(13A)	INCLUDES 4 NEW TURN ARROWS FOR CENTER TURN LANE AT BEGINNING OF PROJECT AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(14A)	TO BE USED FOR REPLACING PAVER CROSS-WALKS AROUND TOWN SQUARE AS DIRECTED BY THE TDOT PROJECT ENGINEER. SEE REFERENCE DRAWING SHEET NOS. C0.01, C0.41, C1.01, C1.02, C1.03, C1.04 & C7.01 FOR ADDITIONAL INFORMATION.
(15A)	TO BE USED FOR TEMPORARY STRIPING ON COLD PLANED SURFACE AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(16A)	TO BE USED FOR RESTRIPIING PARKING SPACES AROUND TOWN SQUARE AS DIRECTED BY THE TDOT PROJECT ENGINEER. INCLUDES ALL COST ASSOCIATED WITH HAND WORK IF REQUIRED FOR STRIPING PARKING LINES.
(17A)	CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.
(18A)	TO BE USED AROUND CITY SQUARE AND TURN LANES AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(19A)	FOR REPLACING SIGNAL LOOPS AT BILBREY ST. (LM 11.30), COURT SQUARE (LM 11.83) AND SOUTH SPRING ST (LM 11.83) AS DIRECTED BY THE TDOT PROJECT ENGINEER.

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STATE ROUTE 85

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

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STATE ROUTE 52 LM 12.15 - LM 18.32

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2-2
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 67S052-F8-005	QUANTITY 67S052-F3-005	TOTAL QUANTITY
(1B)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	12.3		12.3
(2B)	303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON		56	56
(3B)	307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	437		437
(4B)	403-02.01 TRACKLESS TACK COAT	TON	43		43
(5B)	411-01.10 ACS MIX(PG64-22) GRADING D	TON	6703		6703
(6B)	411-01.21 LONGITUDINAL JOINT SEALANT	L.M.	6.2		6.2
	411-12.04 SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	L.M.		9.8	9.8
(7B)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	7684		7684
(8B)	705-04.22 GUARDRAIL DELINEATION ENHANCEMENT (BI-DIRECTIONAL)	EACH		1250	1250
(9B)	712-01 TRAFFIC CONTROL	LS	0.85		0.85
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	14		14
(8B)	712-06 SIGNS (CONSTRUCTION)	S.F.	687		687
(10B)(11B)	713-02.14 FLEXIBLE DELINEATOR (WHITE)	EACH		7	7
(11B)	713-02.21 SIGN POST DELINEATION ENHANCEMENT	L.F.		310	310
(11B)	713-11.01 "U" SECTION STEEL POSTS	LB.		330	330
(11B)	713-11.02 PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.		2264	2264
(11B)	713-13.02 FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.		243.5	243.5
(11B)	713-13.03 FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.		367.6	367.6
(11B)	713-15.36 REMOVE SIGN, SUPPORT & FOOTING	EACH		57	57
(12B)	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	3		3
(8B)	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	798		798
(13B)	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	798		798
(11B)(14B)	716-02.04 PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		20	20
(14B)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	261		261
(11B)(14B)	716-03.03 PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	EACH		1	1
(15B)(16B)	716-05.01 PAINTED PAVEMENT MARKING (4" LINE)	L.M.	37	12.3	49.3
(15B)	716-05.05 PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	261		261
(17B)	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	23.8		23.8
(17B)	716-12.05 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	42		42
	717-01 MOBILIZATION	LS	0.85		0.85

FOOTNOTES	
(1B)	SEE SHEET 2D PAVING NOTE (1) FOR INFORMATION.
(2B)	TO BE USED FOR DROP-OFFS AT PULL-OFF AND DRIVEWAYS AS DIRECTED BY THE TDOT PROJECT ENGINEER. (QUANTITY BASED ON 1000 FT LENGTH x 3 FT WIDTH x 3 IN. DEPTH.)
(3B)	TO BE USED FOR SPOT REPAIR AND LEVELING. SEE SHEETS 2B2 AND 2F2 FOR TABULATION.
(4B)	INCLUDES 2.5 TONS FOR COUNTY RDS, BUSINESS ENTRANCES, DRIVEWAYS, AND SPOT REPAIR.
(5B)	INCLUDES 623 TONS FOR COUNTY RDS, BUSINESS ENTRANCES, AND DRIVEWAYS.
(6B)	USE CRAFCO PAVEMENT JOINT ADHESIVE #34524, PAVON JOINT ADHESIVE BY PAVON CORPORATION OR DENSO RE-INSTATEMENT TAPE.
(7B)	INCLUDES 457 TONS FOR COUNTY RDS, BUSINESS ENTRANCES, AND SPOT REPAIR.
(8B)	SEE SHEET 2F2 FOR TABULATION.
(9B)	INCLUDES ALL COST ASSOCIATED WITH NIGHT TIME WORK ZONE LIGHTING.
(10B)	FLEXIBLE DELINEATOR SHALL BE BI-DIRECTIONAL.
(11B)	ITEM FOR SAFETY IMPROVEMENTS REQUESTED IN 2023 ROADWAY SAFETY AUDIT. SEE SHEETS 2G - 2G9 FOR DETAILS AND LOCATION INFORMATION.
(12B)	TO BE USED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(13B)	TO BECOME PROPERTY OF THE CONTRACTOR. INCLUDES ALL COST ASSOCIATED WITH PROPER DISPOSAL OF REMOVED SNOWPLOWABLE MARKERS.
(14B)	CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(15B)	RESURFACING QUANTITY TO BE USED FOR TEMPORARY STRIPING ON COLD PLANED SURFACE AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(16B)	SAFETY QUANTITY IS TEMPORARY EDGE LINE TO SERVE AS TRACER LINE FOR RUMBLE STRIPE INSTALLATION.
(17B)	CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON TYPE METHOD FOR APPLICATION.

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STATE ROUTE 52
LM 12.15 - LM 18.32

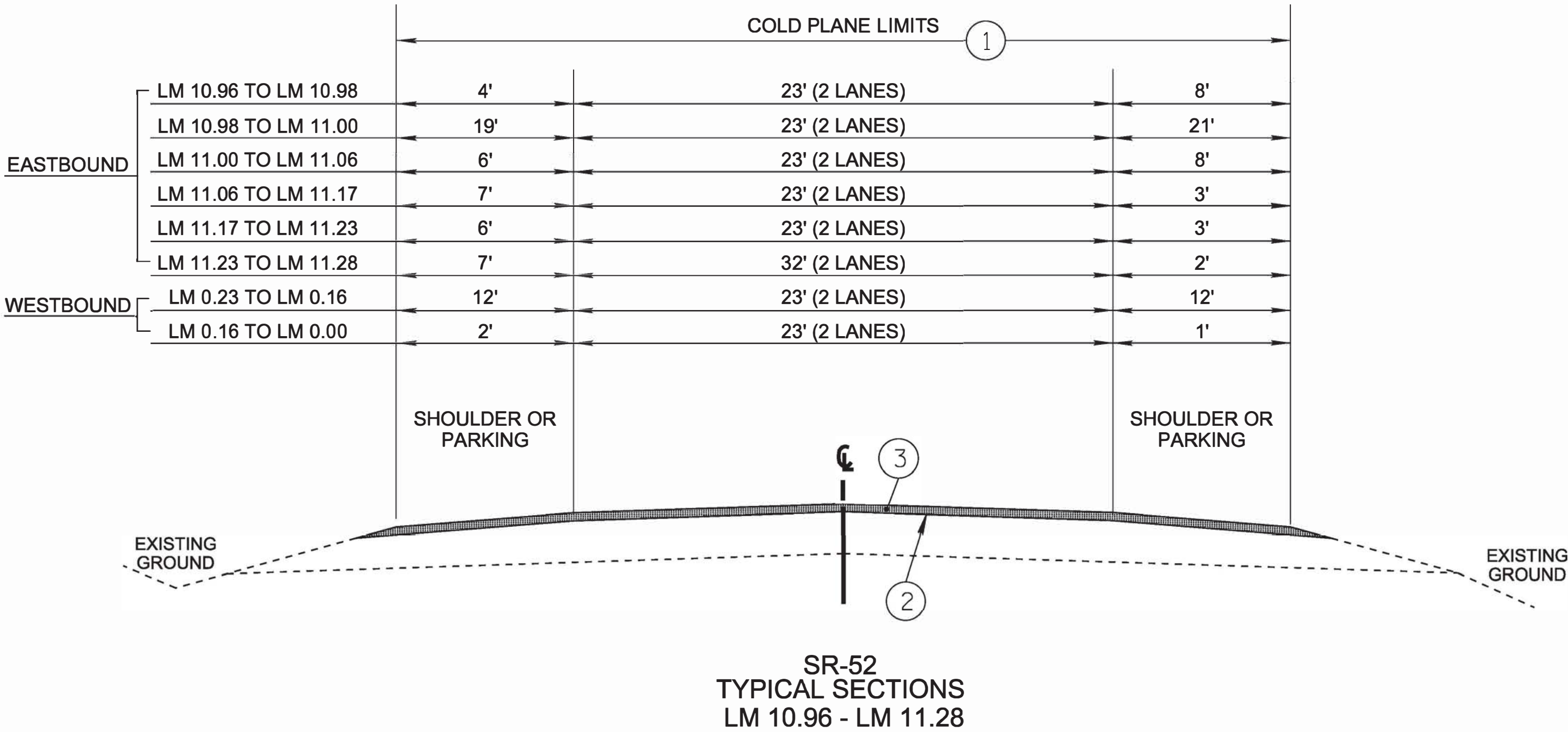
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

1/29/2025 7:27:34 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2B
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

REVISION - LETTING 1-28-25: CHANGED WORDING OF FIRST BULLET POINT LISTED IN SR-52 NOTES (D)



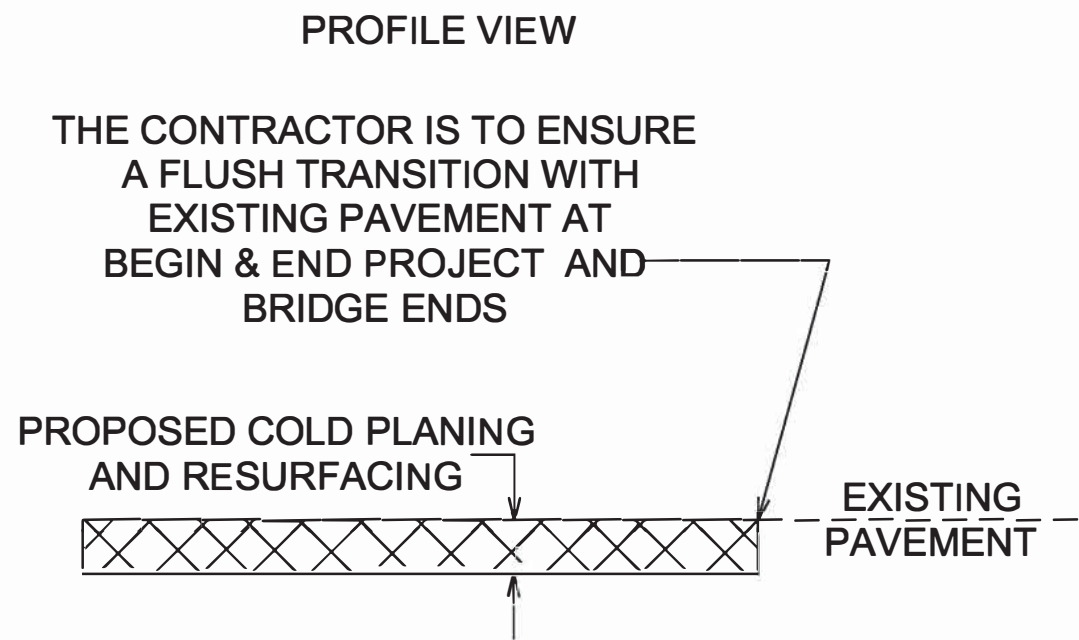
PROPOSED PAVEMENT SCHEDULE

- 1 COLD PLANING, 1.25" DEPTH @ APPROX. 131.25 LBS/SY
ITEM 415-01.01 COLD PLANING BITUMINOUS PAVEMENT, TON
- 2 TRACKLESS TACK COAT
SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD.
403-02.01 TRACKLESS TACK COAT (TC), TON
- 3 SURFACE MIX 1.25" THICK @ APPROX. 132.5 LBS/SY
411-01.10 ACS MIX (PG 64-22) GRADING D, TON

SR-52 NOTES

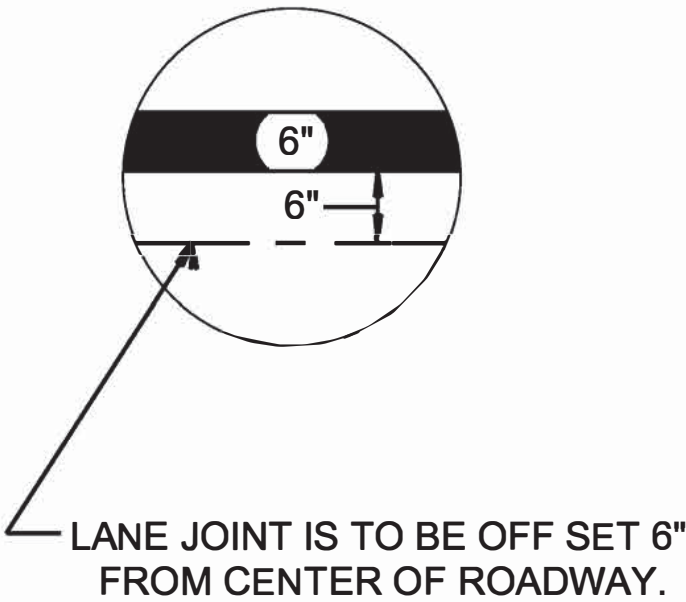
- (A) SR-52 WESTBOUND LOG MILES RUN FROM WEST TO EAST.
- (B) INTELLIGENT COMPACTION SHALL BE USED.
- (C) LONGITUDINAL JOINT SEALANT, 411-01.21 SHALL BE USED ON ALL JOINTS.
- (D) PAVEMENT MARKING / SIGN CHANGES:
- REPLACE STAMPED PAVER CROSSWALKS WITH ITEM 411-33.35.
 - ADD 6" DWL AT MOFIELD STREET LM 11.20 RT.
 - ADD TWO (2) LANE REDUCTION ARROWS AND SIGNS AT LM 11.16.
 - ADD THIRTY (30) BI-DIRECTIONAL SPM'S (2 COLOR- RED/WHITE) AND SEVEN (7) BI-DIRECTIONAL SPM'S (1 COLOR- AMBER).
 - RESTRIPE APPROX. 1000 LF OF PARKING LINES WITH 4" ENHANCED THERMO.

PAVEMENT TIE-IN DETAIL



ADDITIONAL COLD PLANING FOR SPOT REPAIR

LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	REPLACEMENT MIX
LM 11.18 EB	30	12	2	GR. BM-2 MIX
LM 1.21 WB	90	12	2	GR. BM-2 MIX
LM 11.11 WB	60	12	2	GR. BM-2 MIX



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STATE ROUTE 52
LM 10.96 TO LM 11.28

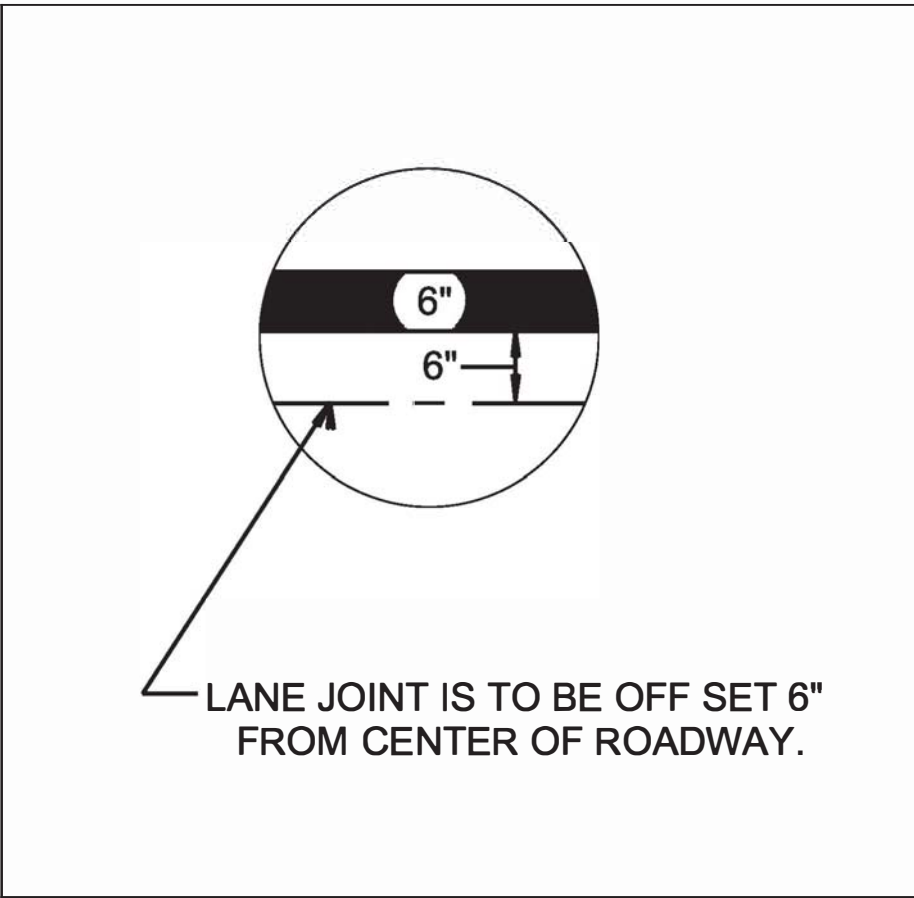
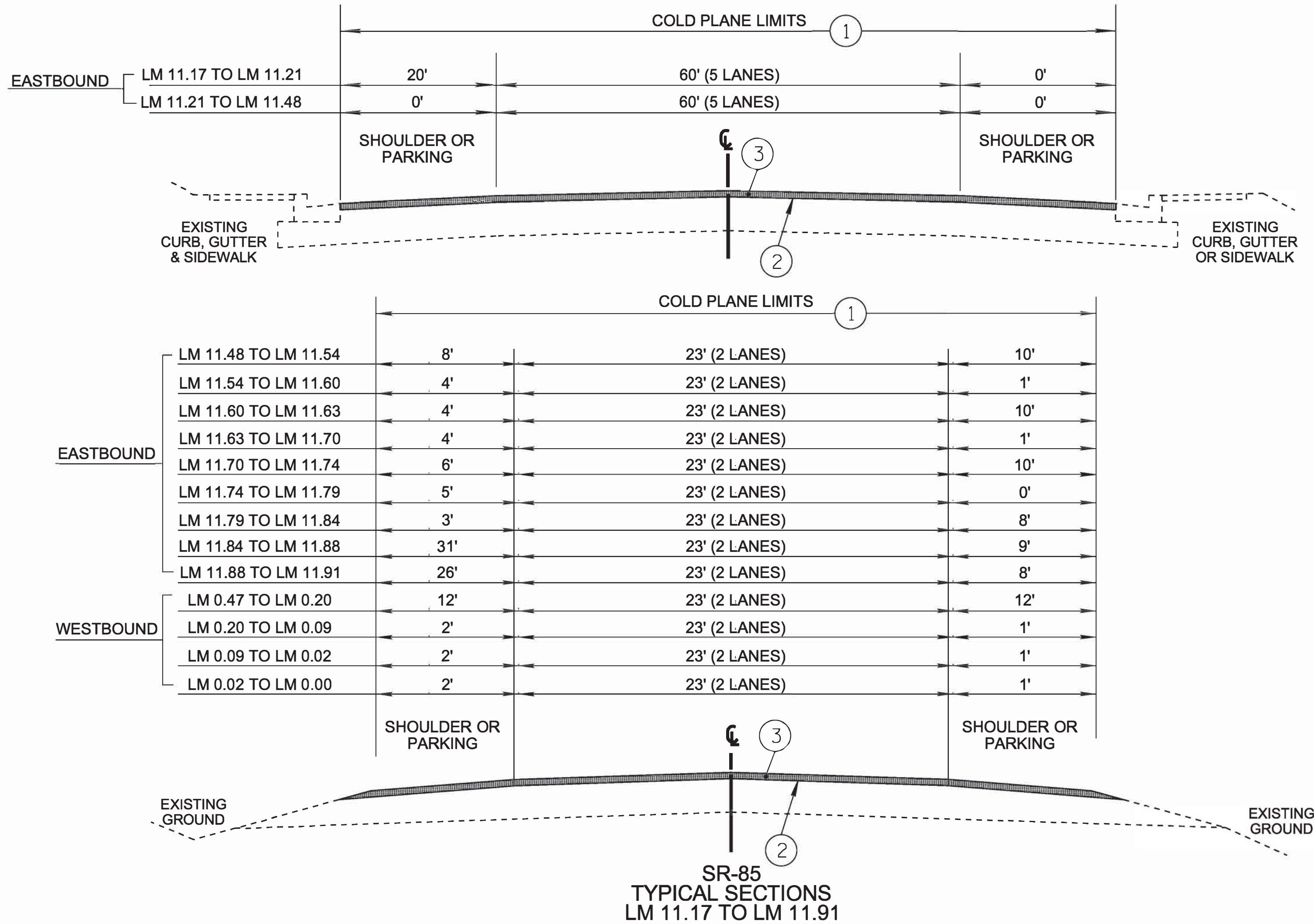
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE

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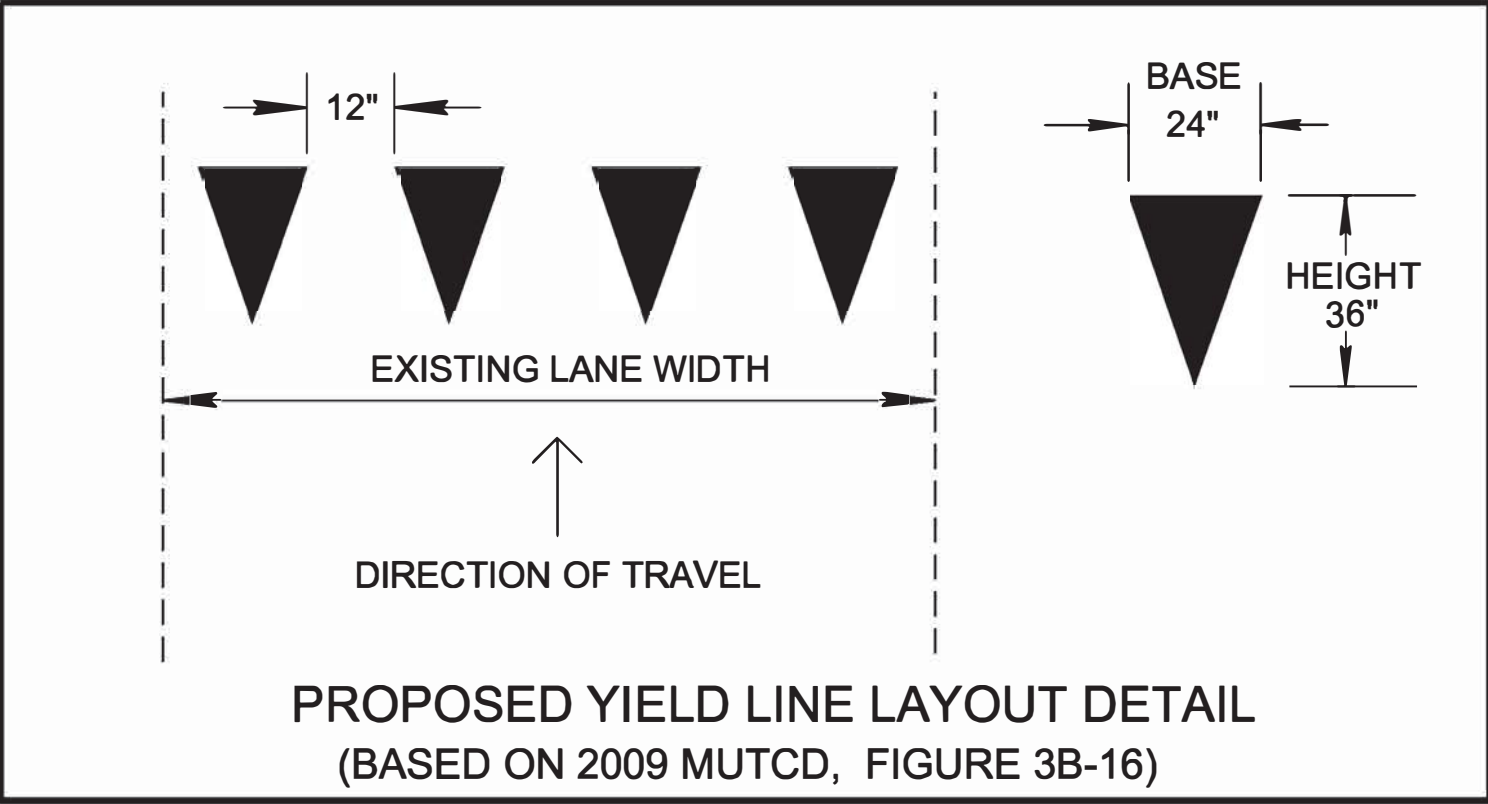
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2B1
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

REVISION - LETTING 1-28-25: CHANGED WORDING OF FIRST BULLET POINT LISTED IN SR-85 NOTES (D)

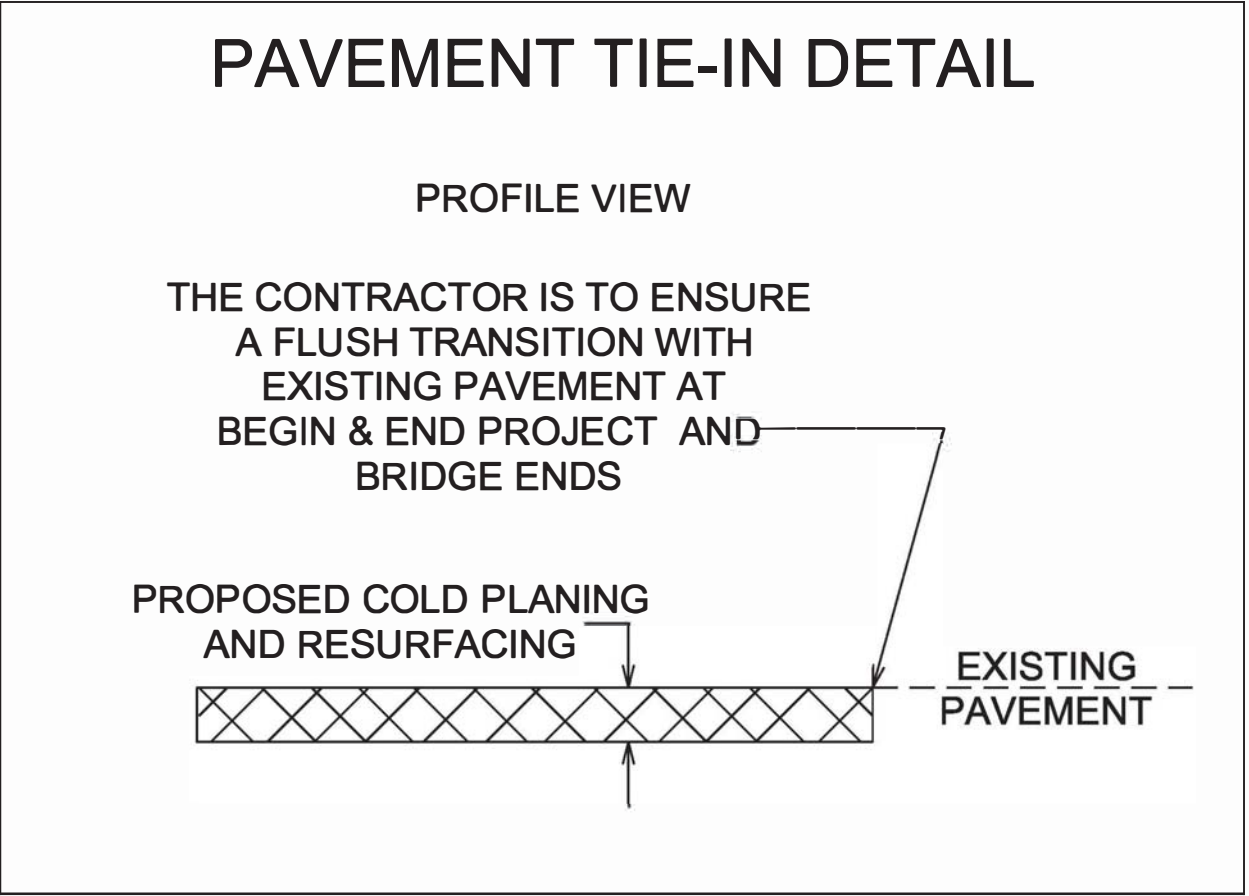


PROPOSED PAVEMENT SCHEDULE	
①	COLD PLANING, 1.25" DEPTH @ APPROX. 131.25 LBS/SY ITEM 415-01.01 COLD PLANING BITUMINOUS PAVEMENT, TON
②	TRACKLESS TACK COAT SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD. 403-02.01 TRACKLESS TACK COAT (TC), TON
③	SURFACE MIX 1.25" THICK @ APPROX. 132.5 LBS/SY 411-01.10 ACS MIX (PG 64-22) GRADING D, TON

ADDITIONAL COLD PLANING FOR SPOT REPAIR				
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	REPLACEMENT MIX
LM 11.53 WB LT	150	12	2	GR. BM-2 MIX
LM 11.52 WB RT	150	12	2	GR. BM-2 MIX



SR-85 NOTES	
(A)	SR-85 WESTBOUND LOG MILES RUN FROM WEST TO EAST.
(B)	INTELLIGENT COMPACTION SHALL BE USED.
(C)	LONGITUDINAL JOINT SEALANT, 411-01.21 SHALL BE USED ON ALL JOINTS.
(D)	PAVEMENT MARKING / SIGN CHANGES: <ul style="list-style-type: none">● REPLACE STAMPED PAVER CROSSWALKS WITH ITEM 411-33.35.● ADD FOUR (4) ADDITIONAL TURN ARROW FOR CENTER TURN LANE NEAR BEGINNING● ADD FOUR (4) STRAIGHT ARROWS: 2 IN BOTH EASTBOUND LANES (LM 11.52), AND 2 IN BOTH WESTBOUND LANES (LM 0.39), AT THE DAIRY QUEEN.● ADD ONE HUNDRED AND TEN (110) BI-DIRECTIONAL SPM'S (2 COLOR- RED/WHITE) AND FIFTY (50) BI-DIRECTIONAL SPM'S (1 COLOR- AMBER).● RESTRIPE PARKING LINES WITH 4" ENHANCED THERMO.



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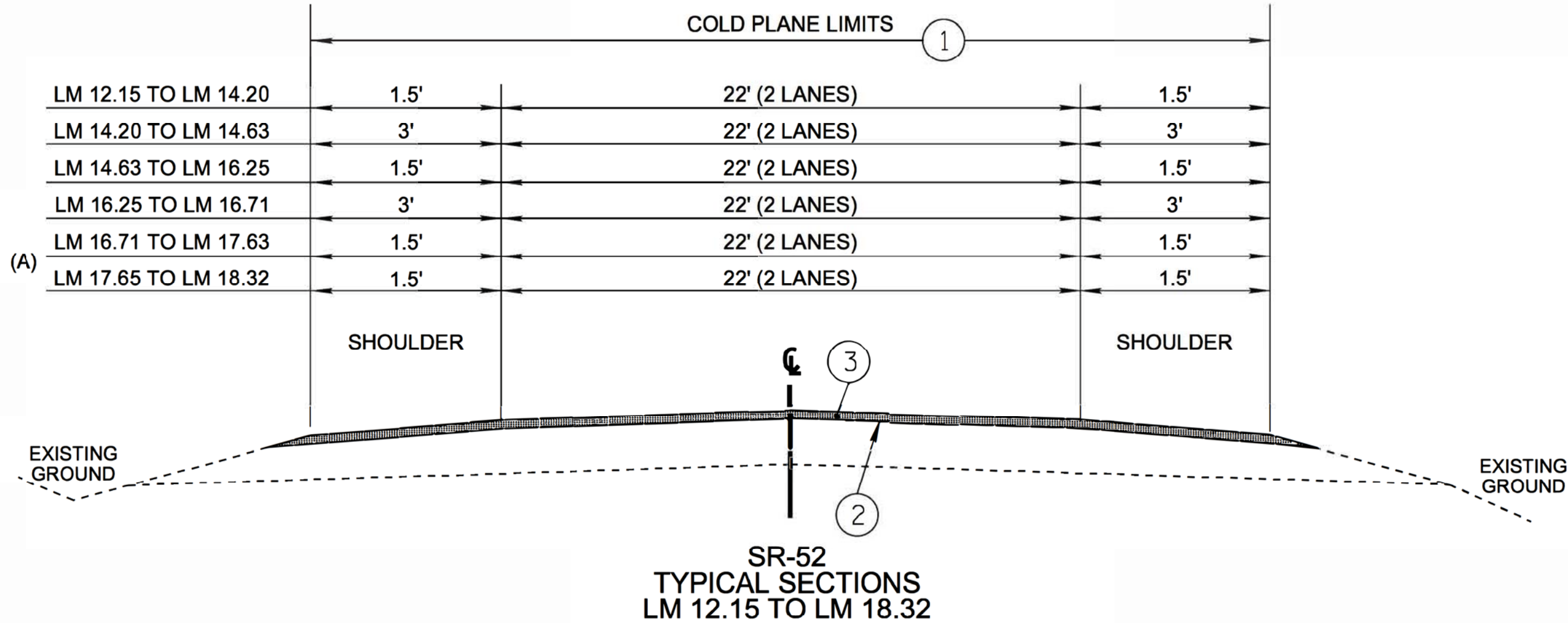
OVERTON SR-85
LM 11.17 TO LM 11.91

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2B2
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	



PROPOSED PAVEMENT SCHEDULE

- 1 COLD PLANING, 1.50" DEPTH @ APPROX. 157.5 LBS/SY

ITEM 415-01.01 COLD PLANING BITUMINOUS PAVEMENT, TON
- 2 TRACKLESS TACK COAT

SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD.

403-02.01 TRACKLESS TACK COAT (TC), TON
- 3 SURFACE MIX 1.25" THICK @ APPROX. 132.5 LBS/SY

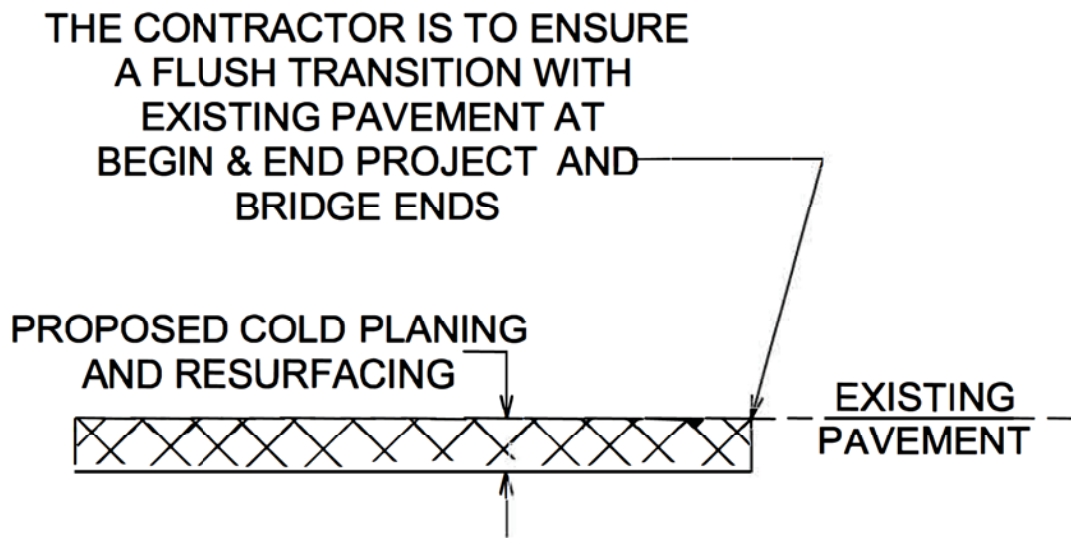
411-01.10 ACS MIX (PG 64-22) GRADING D, TON

ADDITIONAL COLD PLANING FOR SPOT REPAIR

LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	REPLACEMENT MIX
LM 13.91 - 13.96 RT	264	13	2	GR. BM-2 MIX
LM 14.06 - 14.40 RT	1795	14	2	GR. BM-2 MIX
LM 14.92 LT	50	13	2	GR. BM-2 MIX
LM 15.47 LT	50	13	2	GR. BM-2 MIX
LM 17.11 LT	50	13	2	GR. BM-2 MIX

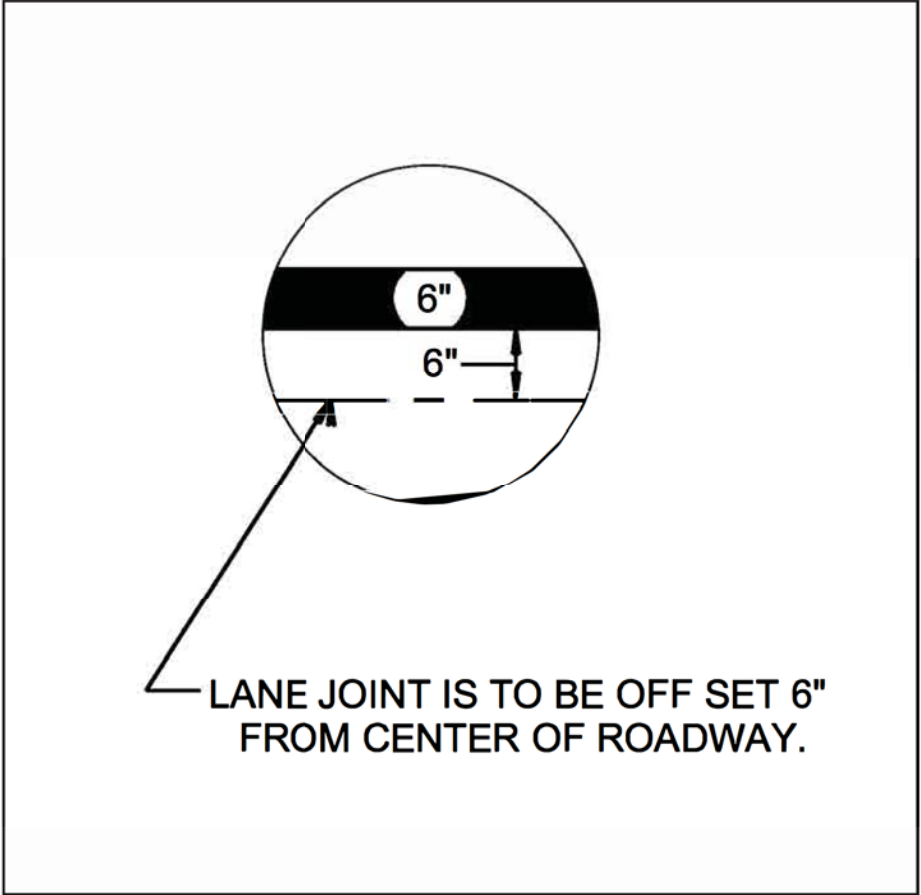
PAVEMENT TIE-IN DETAIL

PROFILE VIEW



NOTES

- (A) LM 17.63 TO LM 17.65 - MEANS CREEK BRIDGE. EXCLUDE MILLING AND PAVING. EPOXY OVERLAY ONLY. SEE BRIDGE SHEETS FOR DETAILS. RESTRIPE EXISTING MARKINGS.
- (B) INTELLIGENT COMPACTION SHALL BE USED.
- (C) LONGITUDINAL JOINT SEALANT, 411-01.21 SHALL BE USED ON ALL JOINTS.



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OVERTON SR-52
LM 12.15 TO LM 18.32

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE

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GENERAL NOTES

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

TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

- (1) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01, PAINTED PAVEMENT MARKING (4” LINE), L.M.

FINAL PAVEMENT MARKING

- (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

- (2) THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.

RESURFACING

- (4) WHERE DIRECTED BY THE TDOT ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE PLACING MATERIALS. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (5) ALL PUBLIC SIDE ROADS SHALL BE PAVED ONE PAVER WIDTH THROUGH THE INTERSECTION AS A MINIMUM. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD OR BUSINESS ENTRANCE SHALL BE PROVIDED. SHOULD THE PAVEMENT OF THE INTERSECTING PUBLIC ROAD BE DISTRESSED, THE RESURFACING WIDTH MAY BE INCREASED TO THE NORMAL RIGHT OF WAY LINE.

- (6) PRIVATE DRIVEWAYS, FIELD ENTRANCES, AND BUSINESS ENTRANCES WILL BE RESURFACED A PAVER WIDTH (LANE WIDTH) AS A MINIMUM. A PAVEMENT TAPER TO TRANSITION THE NEW PAVEMENT SHALL BE REQUIRED, IT SHALL BE BASED ON AN ADDITIONAL ONE FOOT OF WIDTH PER ONE INCH DEPTH OF PAVEMENT. IF THE SHOULDER IS NARROW ENOUGH THAT THE SUM OF THE SHOULDER AND THE TRANSITION ARE LESS THAN A PAVER WIDTH, THE TRANSITION SHALL OCCUR WITHIN THE PAVER WIDTH. IF THE SUM OF THE SHOULDER AND THE TRANSITION IS GREATER THAN A PAVER WIDTH (LANE WIDTH), THE TRANSITION SHALL OCCUR OUTSIDE OF THE PAVER WIDTH.
- (7) ON CURB AND GUTTER SECTIONS, PUBLIC ROAD INTERSECTIONS SHALL BE RESURFACED TO THE END OF RADIUS. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD SHALL BE PROVIDED.
- (8) ON URBAN TYPICAL SECTIONS, (CURB AND GUTTER), RESIDENTIAL DRIVEWAYS AND BUSINESS ENTRANCES SHALL HAVE A MINIMUM WIDTH OF MATERIAL NOT LESS THAN ONE FOOT USED IN THE TRANSITION TO FEATHER THE PAVEMENT EDGE.
- (9) IN ALL CASES, THE LENGTH OF THE PAVEMENT TRANSITION, THE THICKNESS AND WIDTH OF THE RESURFACING AND ANY ADDITIONAL PAVEMENT MATERIALS SHALL BE AS DIRECTED BY THE TDOT ENGINEER.

SIGNALIZATION

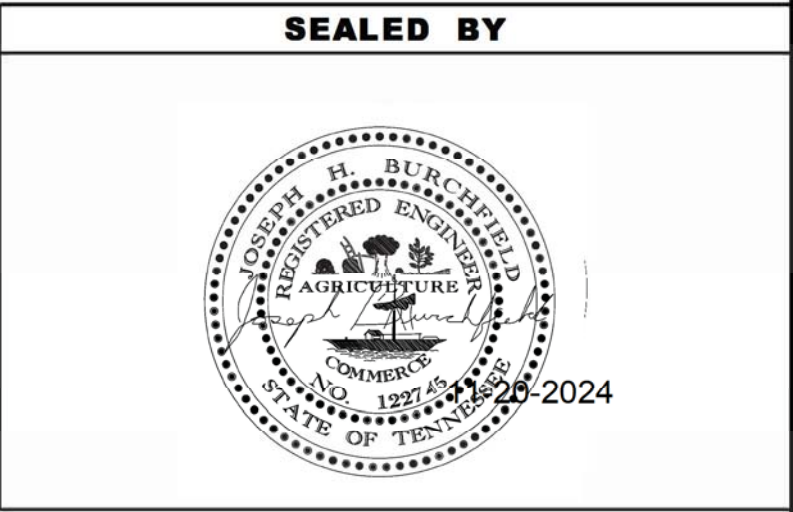
- (7) IF RESURFACING IS INCLUDED IN THE PROJECT, SIGNAL DETECTION LOOPS SHALL BE INSTALLED BEFORE THE FINAL SURFACE IS APPLIED.
- (8) ANY SIGNAL HEADS, WHEN VISIBLE TO DRIVERS BUT NOT OPERATIONAL, SHALL BE COMPLETELY COVERED.
- (11) THE PROJECT ENGINEER SHALL NOTIFY THE LOCAL GOVERNMENTAL AGENCY RESPONSIBLE FOR TRAFFIC CONTROL MAINTENANCE AT LEAST ONE DAY IN ADVANCE OF THE COLD PLANING ACTIVITY AT SIGNALIZED INTERSECTIONS WHERE DETECTOR LOOPS ARE ON THE PAVEMENT. THE MAINTAINING AGENCY WILL THEN BE RESPONSIBLE FOR DISCONNECTING THE LOOP DETECTORS AND MAKING ANY NECESSARY TIMING ADJUSTMENTS IN THE SIGNAL CONTROLLER PRIOR TO THE CONSTRUCTION.
- (13) LOOPS SHALL BE INSTALLED IN THE LEVELING COURSE IF A LEVELING COURSE IS PROVIDED.
- (14) LOOP REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.

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	2025	STP/HSIP-52(106)	2C
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL
NOTES

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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)

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.
- (6)

MESSAGE BOARDS SHALL BE DISPLAYED A MINIMUM OF SEVEN (7) DAYS PRIOR TO STARTING WORK TO INFORM PUBLIC OF UPCOMING CONSTRUCTION PROJECT.
- (7)

PRIOR TO DISPLAYING MESSAGES ON CHANGEABLE MESSAGE BOARDS, ALL MESSAGES SHALL BE APPROVED BY THE TDOT PROJECT ENGINEER AND REGION 2 TRAFFIC ENGINEER.
- (8)

INFORMATION ON CHANGEABLE MESSAGE BOARDS SHALL BE UPDATED TO REFLECT CURRENT CONSTRUCTION CONDITIONS ACTIVITIES AT ALL TIMES.

NIGHT WORK FOR SR-52 (LM 10.96 – 11.28) & SR-85

- (1)

ALL COST ASSOCIATED WITH NIGHT WORK ZONE LIGHTING SHALL BE INCLUDED IN ITEM 712-01.
- (2)

THE CONTRACTOR SHALL COMPLY WITH SECTION 712.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING NIGHT WORK LIGHTING.
- (3)

LIGHTS FOR NIGHT WORK TO BE APPROVED BY THE TDOT PROJECT ENGINEER.
- (4)

ALL CONSTRUCTION SIGNS THAT ARE TO REMAIN IN PLACE DURING CONSTRUCTION MAY BE INSTALLED DURING DAYTIME HOURS AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (5)

ALL CONCRETE WORK FOR MANHOLE AND CATCHBASIN ADJUSTMENTS MAY BE INSTALLED DURING DAYTIME NON-PEAK HOURS 9:00 AM – 3:00 PM AS DIRECTED BY THE TDOT PROJECT ENGINEER

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.
- (2)

THE CONTRACTOR SHALL KEEP ALL TRAFFIC LANES OPEN TO TRAFFIC DURING NON-WORKING HOURS.

- (3)

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 AS LISTED IN SECTION 101.03 OF STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

B.

SR-52 (LM 10.96 – 11.28) & SR-85:
SATURDAY AT 6:00 AM UNTIL TUESDAY AT 7:00 PM, IF A STATE HOLIDAY OCCURS OR IS OBSERVED ON MONDAY.
SR-52 (LM 12.15 – 18.32):
FRIDAY AT 7:00 PM UNTIL TUESDAY AT 6:00 AM, IF A STATE HOLIDAY OCCURS OR IS OBSERVED ON MONDAY.

C.

SR-52 (LM 10.96 – 11.28) & SR-85:
THURSDAY AT 6:00 AM UNTIL SUNDAY AT 7:00 PM, IF A STATE HOLIDAY OCCURS OR IS OBSERVED ON FRIDAY.
SR-52 (LM 12.15 – 18.32):
THURSDAY AT 7:00 PM UNTIL MONDAY AT 6:00 AM, IF A STATE HOLIDAY OCCURS OR IS OBSERVED ON FRIDAY.

D.

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 AND 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 PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
- (2)

THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (3)

INTELLIGENT COMPLACTION SHALL BE USED.
- (4)

ALL CATCHBASINS ARE TO BE CHECKED AND CLEANED AFTER PAVING HAS BEEN COMPLETED. NO DIRECT PAYMENT WILL BE MADE FOR THIS WORK. COST IS TO BE INCLUDED IN OTHER ITEMS OF CONSTRUCTION.
- (5)

ALL DRAINS ACROSS BRIDGES NEED TO BE CHECKED AND CLEANED AFTER PAVING IS COMPLETE. COST TO BE INCLUDED IN OTHER ITEMS.
- (6)

ANY QUANTITY REMAINING ON ITEMS COMPLETED PRIOR TO THE PAVING OPERATION WILL NOT BE CONVERTED TO ADDITIONAL ASPHALT FOR THE ROADWAY.

COLD PLANING

- (1)

THE CONTRACTOR WILL BE REQUIRED TO PAVE THE COLD PLANED PAVEMENT WITHIN A PERIOD OF 96 HOURS.
- (2)

PROVIDED THAT THE CONTRACTOR USES A COLD PLANING MACHINE WITH THE MILLING DRUM SPECIFICATIONS OF CLOSELY SPACED FINE TOOTH (5/16 INCHES OR SMALLER) MILLING DRUM, MOVING FORWARD AT MODERATE SPEED (50 TO 65 FPM.) AND THE UNDER SURFACE REMAINS INTACT (HAVING NO LOOSE MATERIAL OR GOUGES), THE CONTRACTOR MAY GET PERMISSION FROM THE REGION 2 PROJECT ENGINEER TO MILL ALL SURFACES AS NEEDED BEFORE COVERING WITH BITUMINOUS MATERIAL.
- (3)

IF MILLED SURFACE BEGINS TO DETERIORATE, PAVING TO COVER UP DETERIORATING MILLED SURFACES SHOULD OCCUR AS DIRECTED BY THE TDOT PROJECT ENGINEER DURING THE NEXT WORKING DAY. IF SEVERE DISTRESS OCCURS, IMMEDIATE RESPONSE WILL BE REQUIRED.
- (4)

IF SUBSURFACE PAVEMENT FAILURE IS EXPOSED AFTER MILLING, REMOVE AREA OF FAILURE TO SOUND PAVEMENT AND REPLACE WITH “B-M2” MIX PRIOR TO PLACING PROPOSED OVERLAY.
- (5)

AT THE COMPLETION OF COLD PLANING OPERATION, ANY DEPRESSIONS WILL BE CLEANED AND BROUGHT TO PROPER GRADE WITH “D” MIX MATERIAL. THE COST OF THE CLEAN UP WILL BE INCLUDED IN THE UNIT PRICE FOR “D” MIX MATERIAL.

- (6)

THE CONTRACTOR SHOULD TAKE EXTREME CARE WHEN COLD PLANING THE EXISTING ASPHALT NEAR EXISTING MANHOLES AS NOT TO DAMAGE MANHOLE OR CONCRETE RING AROUND EXISTING MANHOLE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS ON ALL DAMAGED MEMBERS TO THE SATISFACTION OF THE TDOT PROJECT ENGINEER AT NO ADDITIONAL COST.
- (7)

EXISTING CONCRETE POURED AROUND CATCH BASINS AT THE GUTTER SHALL NOT BE DAMAGED. THIS CONCRETE MUST REMAIN IN PLACE WITH ASPHALT TYING TO THE EXISTING CONCRETE. ANY DAMAGE WILL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE DEPARTMENT.
- (8)

ADJUSTMENT OF EXISTING MANHOLE INCLUDES LOWERING BEFORE MILLING OPERATION BEGINS AND RAISING BACK UP AFTER FINAL PAVING.

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.
- (2)

THE PAYMENT FOR MARKING OF PARKING AREAS TO BE INCLUDED IN ITEM NO. 716-12.01
- (3)

EXISTING PAVEMENT MARKINGS IN THE SIDE ROAD RADII SHALL BE RE-TRACED AS DIRECTED BY THE TDOT PROJECT ENGINEER DURING FINAL STRIPING.

SIGNALIZATION

- (1)

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF SIGNAL WORK WITH THE OWNER SO PROVISIONS CAN BE MADE TO PLACE THE SIGNAL ON TIMED OPERATION UNTIL THE NEW LOOPS ARE INSTALLED AND ACTIVATED.

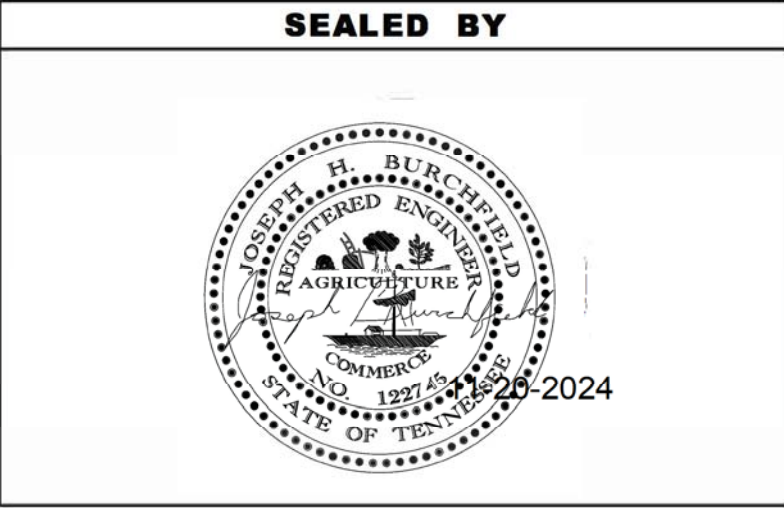
MISCELLANEOUS

- (1)

THE PROPOSED RUMBLE STRIPE SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWINGS T-M-16 AND T-M-16A WITHOUT REDUCING EXISTING LANE WIDTHS.
- (2)

ALL SAFETY IMPROVEMENTS TO BE PAID FOR UNDER PROJECT NUMBERS: STP/HSIP-52(106), 67S052-007; STP/HSIP-85(51), 67S085-F3-004; STP/HSIP-52(103), 67S052-F3-005.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2D
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL
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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 PRE-CONSTRUCTION MEETINGS.

SCOPE OF WORK

- (6)

BRIDGE REPAIR, COLD PLANE, RESURFACE, SIGNS, AND STRIPING.

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)

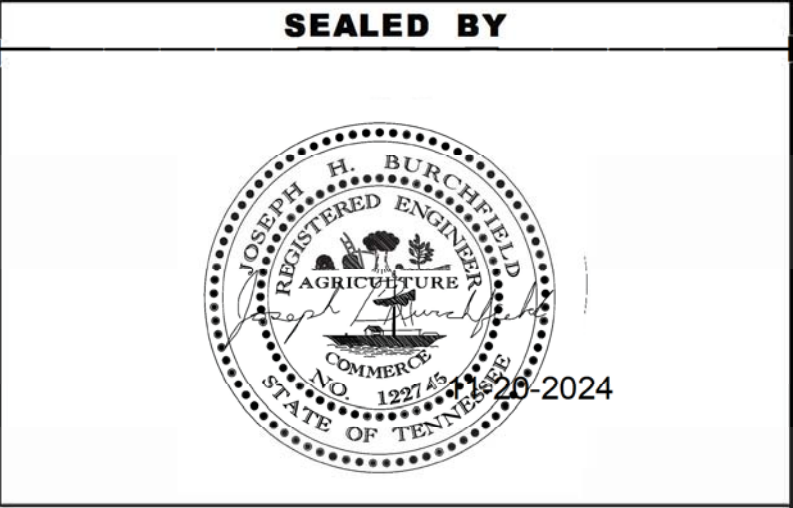
FERTILIZERS SHALL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED. ONCE APPLIED, FERTILIZERS SHALL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER.
- (51)

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.
- (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	2025	STP/HSIP-52(106)	2E
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL
NOTES

SPOT REPAIR						
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	307-01.08 GR "BM-2" (PG 64-22) TON	403-02.01 TRACKLESS TACK COAT TON	415-01.01 COLD PLANING TON
LM 11.18 EB	30	12	2	5	0.1	5
LM 1.21 WB	90	12	2	14	0.1	13
LM 11.11 WB	60	12	2	10	0.1	9
TOTALS				29	0.3	27

STORM DRAIN ADJUSTMENTS (RESURF.)	
CATCH BASINS *	AREA DRAIN **
9	1
10	

* UPGRADE CATCHBASINS WITH NEW GRATES AND ADJUSTMENTS. COST TO INCLUDE REMOVAL OF EXISTING GATE AND REPLACE WITH BICYCLE FRIENDLY GRATES WHERE APPLICABLE INCLUDING ALL MATERIAL, PARTS, LABOR, EQUIPMENT, MACHINERY, TOOLS OR APPARATUS NECESSARY FOR REMOVAL AND INSTALLATION. THE CONTRACTOR SHALL VERIFY SIZE OF GRATES PRIOR TO ORDERING MATERIALS.

** AREADRAIN IS LOCATED IN FRONT OF UNION BANK. DRAIN TO BE ADJUSTED AS DIRECTED BY TDOT PROJECT ENGINEER.

UTILITY ADJUSTMENTS (RESURFACING)
NO UTILITY ADJUSTMENTS TO BE INCLUDED IN THIS PROJECT.

PROPOSED GUARDRAIL (RESURFACING)
NO GUARDRAIL IMPROVEMENTS TO BE INCLUDED IN THIS PROJECT.

BRIDGE DECK RECOMMENDATIONS (RESURF.)
NO BRIDGE EXISTS WITHIN THE PROJECT LIMITS.

TRAFFIC CONTROL SIGN TABULATION (RESURFACING)						
M.U.T.C.D.	LEGEND \ DESCRIPTION	SIZE	S.F.	TOTAL	ITEM NO.	
SIGN NO.		IN INCHES L x W		NUMBER REQUIRED	712-06 S.F.	
G20-2	END ROAD WORK	48" 24"	8	14	112	
W3-4	BE PREPARED TO STOP	36" 36"	9	2	18	
W4-2L	LEFT LANE ENDS	36" 36"	9	2	18	
W4-2R	RIGHT LANE ENDS	36" 36"	9	2	18	
W8-11(MOD)	UNEVEN LANES (W/SYMBOL)	36" 36"	9	5	45	
W8-15	GROOVED PAVEMENT	36" 36"	9	5	45	
W8-15P	MOTORCYCLE (PLAQUE)	24" 18"	3	5	15	
W20-1	ROAD WORK AHEAD	36" 36"	9	12	108	
W20-1	ROAD WORK 1/2 MILE	36" 36"	9	2	18	
W20-1	ROAD WORK 1000 FT	36" 36"	9	2	18	
W20-1	ROAD WORK 500 FT	36" 36"	9	2	18	
W20-4	ONE LANE ROAD AHEAD	36" 36"	9	2	18	
W20-5L	LEFT LANE CLOSED 1/2 MILE	36" 36"	9	2	18	
W20-5L	LEFT LANE CLOSED 1500 FT	36" 36"	9	2	18	
W20-5R	RIGHT LANE CLOSED 1/2 MILE	36" 36"	9	2	18	
W20-5R	RIGHT LANE CLOSED 1500 FT	36" 36"	9	2	18	
W20-7	FLAGGER	36" 36"	9	2	18	
W21-2	FRESH OIL	36" 36"	9	2	18	
				TOTAL	559	


SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

FLEXIBLE DRUMS (LANE SHIFT)			
LOCATION	LENGTHS		QTY
	40' SPACING	80' SPACING	FLEXIBLE DRUMS
SHOULDER TAPER (L/3)	140		4
LANE SHIFT LEFT (L)	420		11
(2L)		840	11
LANE SHIFT RIGHT	500		26
APPROACH TO WORK ZONE		1000	13
MISCELLANEOUS			12
TOTAL FLEXIBLE DRUMS			77

QUANTITY BASED ON 35 MPH (POSTED SPEED + 10 MPH)

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2F
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

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STATE ROUTE-52
LM 10.96 - LM 11.28

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

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STORM DRAIN ADJUSTMENTS (RESURFACING)
CATCH BASINS *
3
* UPGRADE CATCHBASINS WITH NEW GRATES AND ADJUSTMENTS. COST TO INCLUDE REMOVAL OF EXISTING GATE AND REPLACE WITH BICYCLE FRIENDLY GRATES WHERE APPLICABLE INCLUDING ALL MATERIAL, PARTS, LABOR, EQUIPMENT, MACHINERY, TOOLS OR APPARATUS NECESSARY FOR REMOVAL AND INSTALLATION. THE CONTRACTOR SHALL VERIFY SIZE OF GRATES PRIOR TO ORDERING MATERIALS.

BRIDGE DECK RECOMMENDATIONS (RESURF.)				
BRIDGE NUMBER	LOG MILE	CROSSES OVER	BRIDGE LENGTH	BRIDGE DECK RECOMMENDATIONS
67SR0850005 67-SR85-11.40	11.40	TOWN CREEK (2 @ 12' x 7') CONC CULVERT	26.3'	PAVE WITH PLANS MIX / TREATMENT TYPE

SPOT REPAIR						
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	307-01.08 GR "BM-2" (PG 64-22) TON	403-02.01 TRACKLESS TACK COAT TON	415-01.01 COLD PLANING TON
LM 11.53 WB LT	150	12	2	23	0.1	21
LM 11.52 WB RT	150	12	2	23	0.1	21
TOTALS				46	0.2	42

UTILITY ADJUSTMENTS (RESURFACING)
NO UTILITY ADJUSTMENTS TO BE INCLUDED IN THIS PROJECT.

PROPOSED GUARDRAIL (RESURFACING)
NO GUARDRAIL IMPROVEMENTS TO BE INCLUDED IN THIS PROJECT.


FLEXIBLE DRUMS (LANE SHIFT)			
LOCATION	LENGTHS		QTY
	40' SPACING	80' SPACING	FLEXIBLE DRUMS
SHOULDER TAPER (L/3)	200		5
LANE SHIFT LEFT (L)	600		15
(2L)		1200	15
LANE SHIFT RIGHT	500		26
APPROACH TO WORK ZONE		1000	13
MISCELLANEOUS			26
TOTAL FLEXIBLE DRUMS			100
QUANTITY BASED ON 50 MPH (POSTED SPEED + 10 MPH)			

TRAFFIC CONTROL SIGN TABULATION (RESURFACING)					
M.U.T.C.D. SIGN NO.	LEGEND \ DESCRIPTION	SIZE IN INCHES L x W	S.F.	TOTAL NUMBER REQUIRED	ITEM NO. 712-06 S.F.
G20-2	END ROAD WORK	48" 24"	8	15	120
W3-4	BE PREPARED TO STOP	36" 36"	9	2	18
W4-2L	LEFT LANE ENDS	36" 36"	9	2	18
W4-2R	RIGHT LANE ENDS	36" 36"	9	2	18
W8-11(MOD)	UNEVEN LANES (W/SYMBOL)	36" 36"	9	5	45
W8-15	GROOVED PAVEMENT	36" 36"	9	5	45
W8-15P	MOTORCYCLE (PLAQUE)	24" 18"	3	5	15
W20-1	ROAD WORK AHEAD	36" 36"	9	14	126
W20-1	ROAD WORK 1/2 MILE	36" 36"	9	1	9
W20-1	ROAD WORK 1000 FT	36" 36"	9	1	9
W20-1	ROAD WORK 500 FT	36" 36"	9	1	9
W20-4	ONE LANE ROAD AHEAD	36" 36"	9	2	18
W20-5L	LEFT LANE CLOSED 1/2 MILE	36" 36"	9	2	18
W20-5L	LEFT LANE CLOSED 1500 FT	36" 36"	9	2	18
W20-5R	RIGHT LANE CLOSED 1/2 MILE	36" 36"	9	2	18
W20-5R	RIGHT LANE CLOSED 1500 FT	36" 36"	9	2	18
W20-7	FLAGGER	36" 36"	9	2	18
W21-2	FRESH OIL	36" 36"	9	2	18
TOTAL				558	

SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2F1
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

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STATE ROUTE 85

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

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TRAFFIC CONTROL SIGN TABULATION (RESURFACING)						
M.U.T.C.D. SIGN NO.	LEGEND \ DESCRIPTION	SIZE IN INCHES L x W	S.F.	TOTAL NUMBER REQUIRED	ITEM NO. 712-06 S.F.	
G20-1	ROAD WORK NEXT 7 MILES	36" 18"	4.5	2	9.0	
G20-2	END ROAD WORK	36" 18"	4.5	16	72.0	
W3-4	BE PREPARED TO STOP	36" 36"	9.0	2	18.0	
W8-11(MOD)	UNEVEN LANES (W/SYMBOL)	36" 36"	9.0	17	153.0	
W8-15	GROOVED PAVEMENT	36" 36"	9.0	17	153.0	
W8-15P	MOTORCYCLE (PLAQUE)	24" 18"	3.0	17	51.0	
* W16-18P	"ON JAMESTOWN HIGHWAY" PLAQUE	24" 18"	3.0	2	6.0	
W20-1	ROAD WORK AHEAD	36" 36"	9.0	15	135.0	
W20-1	ROAD WORK 1 MILE	36" 36"	9.0	1	9.0	
W20-1	ROAD WORK 1/2 MILE	36" 36"	9.0	1	9.0	
W20-1	ROAD WORK 1000 FT	36" 36"	9.0	1	9.0	
W20-1	ROAD WORK 500 FT	36" 36"	9.0	1	9.0	
W20-4	ONE LANE ROAD AHEAD	36" 36"	9.0	2	18.0	
W20-7	FLAGGER	36" 36"	9.0	2	18.0	
W21-2	FRESH OIL	36" 36"	9.0	2	18.0	
				TOTAL	687.0	

* TO BE MOUNTED WITH ROADWORK AHEAD SIGNS ON SR-294 & 52.

SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

PROPOSED GUARDRAIL DELINEATION (RESURFACING)				
FROM LOG MILE	TO LOG MILE	LOCATION	705-04.24 (EACH) GR DELINEATION ENHANCEMENT (BI-DIRECTIONAL)	COMMENTS
13.85	14.02		1250	DELINEATORS SHALL BE: <ul style="list-style-type: none">WHITE BI-DIRECTIONAL "HINGED-TYPE" DELINEATORS FROM TDOT'S CURRENT QPL.MOUNTED TO ALL GUARDRAIL POSTS EXCEPT END TERMINAL SECTIONS.ATTACHED TO GUARDRAIL POST AS PER MANUFACTURER'S SPECIFICATION AND ATTACHMENT METHOD.
14.03	14.55			
14.59	14.68			
16.26	16.39			
16.40	16.52			
16.54	16.57			
16.58	16.73			
17.16	17.21			
17.24	17.29			
17.64	17.65	RT & LT		
17.66	17.68	RT & LT		
18.29	18.30	RT & LT		

SPOT REPAIR & SPOT LEVELING								
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	AREA (SY)	307-01.08 GR "BM-2" (PG 64-22) TON	403-02.01 TRACKLESS TACK COAT TON	415-01.01 COLD PLANING TON	COMMENTS
LM 13.91 - 13.96 RT	264	13	2	382	44	0.2	41	
LM 14.06 - 14.40 RT	1795	14	2	2793	316	1.3	294	SLOPE SLIDING IN CURVE AREA
LM 14.92 LT	50	13	2	73	9	0.1	8	
LM 15.47 LT	50	13	2	73	9	0.1	8	
LM 17.11 LT	50	13	2	73	9	0.1	8	
SPOT LEVELING					50			USED AT ENGINEERS'S DISCRETION.
TOTALS					437	1.6	343	


BRIDGE DECK RECOMMENDATIONS (RESURF.)				
BRIDGE NUMBER	LOG MILE	CROSSES OVER	BRIDGE LENGTH	BRIDGE DECK RECOMMENDATIONS
67SR0520001 67-SR52-17.65 BR-29-31 BR-29-34	17.65	MEANS CREEK	63'-9"	SEAL WITH TYPE 1 THIN EPOXY OVERLAY (SEE BRIDGE SHEETS)

UTILITY ADJUSTMENTS (RESURFACING)
NO UTILITY ADJUSTMENTS TO BE INCLUDED IN THIS PROJECT.

STORM DRAIN ADJUSTMENTS (RESURFACING)
NO STORM DRAIN ADJUSTMENTS TO BE INCLUDED IN THIS PROJECT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2F2
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

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STATE ROUTE 52
(LM 12.15 - LM 18.32)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

DETAILS OF MISCELLANEOUS SAFETY IMPROVEMENTS
ROUTE 52, FROM (L.M. 12.15) TO (L.M. 14.91)

MATERIALS

- (1) ALL MATERIALS THAT ARE REMOVED TO FACILITATE INSTALLATION ARE TO BECOME THE PROPERTY OF THE CONTRACTOR, REMOVED FROM THE RIGHT-OF-WAY, AND DISPOSED OF PROPERLY, UNLESS OTHERWISE SPECIFIED IN THE PLANS.

BASIS OF PAYMENT

- (1) THE ACCEPTED QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER ITEM OF WORK. THE PRICE SHALL BE FULL COMPENSATION FOR ALL WORK AS DIRECTED BY THE ENGINEER, INCLUDING THE FURNISHING OF ALL LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS TO SATISFACTORILY COMPLETE THE WORK.

UTILITIES

- (1) 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 ANY NECESSARY SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

TRAFFIC CONTROL

- (1) WHEN LANE CLOSURES ARE ALLOWED, THE ENGINEER HAS THE AUTHORITY TO INSTRUCT THE CONTRACTOR TO OPEN THE LANE TO TRAFFIC AT ANY TIME HE FEELS THIS MAY BE REQUIRED TO AVOID TRAFFIC OR OTHER PROBLEMS. LANE CLOSURES SHALL BEGIN ON THE APPROACH SIDE OF HORIZONTAL AND VERTICAL CURVES

SIGNING

- (1) ALL PERMANENT SIGNING SHALL BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND IN ACCORDANCE WITH SECTIONS 713 AND 916 OF THE STANDARD SPECIFICATIONS
- (2) THE CONTRACTOR WILL BE RESPONSIBLE FOR THE LOCATION AND STAKING OF THE PROPOSED SIGNS, ALONG WITH ANY SURVEYING AND ENGINEERING THAT MAY BE REQUIRED TO COMPLETE THIS PROJECT. COST OF STAKING SIGN LOCATIONS AND ANY NECESSARY SURVEYING AND ENGINEERING WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION. EACH SIGN LOCATION WILL BE CHECKED FOR ACCURACY BY THE ENGINEER, OR HIS REPRESENTATIVE, BEFORE ACCEPTED FOR FINAL PAYMENT. ANY RELOCATION REQUIRED, DUE TO THE SIGN NOT BEING INSTALLED IN THE CORRECT LOCATION, WILL BE DONE AT THE CONTRACTOR'S EXPENSE.
- (3) QUANTITY FOR ITEM 713-11.01 IS BASED ON AN APPROXIMATE OVERALL SIGN SUPPORT LENGTH OF ELEVEN (11) FEET; QUANTITY FOR ITEM 713-11.02 IS BASED ON AN APPROXIMATE OVERALL SIGN SUPPORT LENGTH OF ELEVEN (11) FEET INCLUDING STUB FOR P8 SUPPORTS. THESE LENGTHS ARE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ERECTION.
- (4) QUANTITY FOR ITEM 713-02.21 IS BASED ON AN APPROXIMATE LENGTH OF FIVE (5) FEET PER POST FOR ESTIMATING PURPOSES ONLY. THE REFLECTIVE STRIP SHALL BEGIN AT THE BOTTOM OF THE SIGN FACE AND EXTEND TO THE GROUND LINE. THE COLOR OF THE SIGN POST DELINEATOR SHALL MATCH THE BACKGROUND COLOR OF THE PRIMARY SIGN INSTALLED ON THE POST.
- (5) IN THE EVENT AN EXISTING STREET NAME SIGN IS REMOVED DUE TO THE RELOCATION OR REPLACEMENT OF A SIGN AND/OR POST, THE EXISTING STREET NAME SIGN IS TO BE RETAINED FOR PLACEMENT BY THE CONTRACTOR ON THE NEW SIGN AND/OR POST UNLESS OTHERWISE STATED IN THE DESCRIPTION OF WORK. AT THE TIME IN WHICH THE NEW STOP SIGNS ARE INSTALLED ON THE SIDE STREETS, THE CONTRACTOR SHALL INSTALL THE EXISTING STREET NAME SIGNS(S) WITH BRACKET TO HOLD THE STREET NAME SIGNS(S) ON TOP OF THE NEW STOP SIGN. IF THE CITY OR COUNTY ELECTS TO FURNISH NEW STREET NAME SIGNS TO THE CONTRACTOR, THE CONTRACTOR SHALL INSTALL THESE NEW SIGNS IN LIEU OF EXISTING SIGNS. ALL WORK AND MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (6) IN THE EVENT AN EXISTING SIGN (IN ADDITION TO THE PARTICULAR SIGN BEING REPLACED) IS PRESENT ON A SUPPORT BEING REPLACED, THE EXISTING SIGN IS TO BE RETAINED FOR PLACEMENT BY THE CONTRACTOR ON THE NEW SUPPORT UNLESS OTHERWISE STATED IN THE DESCRIPTION OF WORK. ALL WORK AND MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (7) ALL SIGNS DESIGNATED FOR REMOVAL ARE TO BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER ITEM 713-15.36. ALL SIGNS REMOVED SHALL BE RETURNED TO THE COUNTY.
- (8) THE EXISTING SIGN FOOTINGS ARE TO BE REMOVED 6 INCHES BELOW THE GROUND LINE.
- (9) COST FOR DOUBLE-SIDED CHEVRONS WITHIN ITEM 713-13.02 SHALL INCLUDE CHEVRON ADJUSTABLE BRACKET FOR PROPER ORIENTATION FOR THE SIGN TO FACE EACH DIRECTION OF TRAVEL.
- (10) IN THE EVENT THAT A STREET NAME SIGN (D3-1) IS REMOVED DUE TO RELOCATION OR REPLACEMENT OF A SIGN AND/OR POST, THE EXISTING STREET NAME (D3-1) SIGN IS TO BE RETAINED FOR PLACEMENT BY THE CONTRACTOR ON THE NEW SIGN AND/OR POST UNLESS OTHERWISE STATED IN THE DESCRIPTION OF WORK.

MISCELLANEOUS

- (1) INFORMATION FOUND IN THE PLAN SHEETS IS FOR GUIDANCE ONLY. THE WRITTEN WORK DESCRIPTION FOUND IN THE GENERAL NOTES SUPERSEDES THE INFORMATION CONTAINED IN THE PLAN SHEETS.
- (2) 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.

TABULATED QUANTITIES FOR MISCELLANEOUS SAFETY IMPROVEMENTS SR-52 LM 12.15 TO LM 14.91			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	7
713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	310
713-11.01	"U" SECTION STEEL POSTS	LB.	330
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	2264
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	243.5
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	367.6
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	EACH	57
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	110
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	EACH	1

- (A) CONTRACTOR SHALL REFER TO QPL MISCELLANEOUS FOR APPROVED PRODUCT LISTING. MATERIAL SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. QUANTITY INCLUDES 30 L.F. OF RED SIGN POST DELINEATION ENHANCEMENT AND 280 L.F. OF YELLOW SIGN POST DELINEATION ENHANCEMENT.

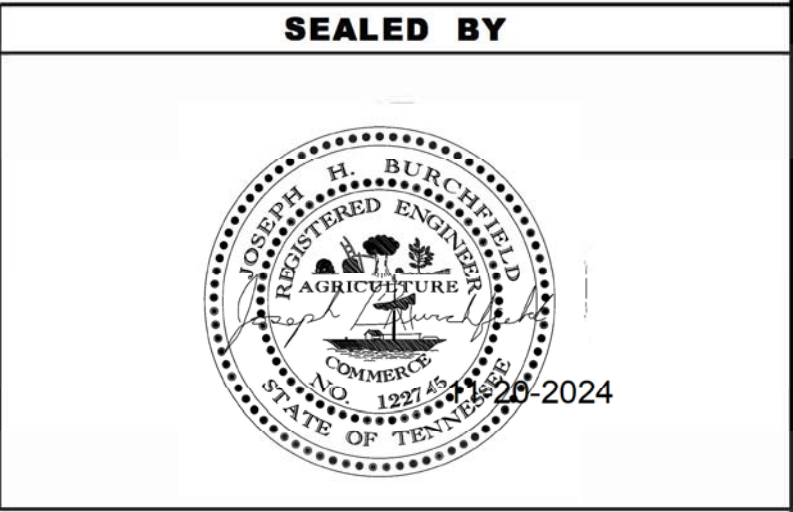
SIGN SCHEDULE						
DESCRIPTION	QTY	SIZE	SIGN ID	QTY. (0.100") (SF)	QTY. (0.080") (SF)	POST TYPE
DESTINATION (3 LINES)	2	72" x 42"	D1-3		42.00	P8
DISTANCE 1 LINE	1	60" x 18"	D2-1	7.50		U6
DISTANCE 2 LINES	1	60" x 42"	D2-2		17.50	P8
HOSPITAL	1	24" x 24"	D9-2	4.00		P8
JURISDICTIONAL BOUNDARY	1	48" x 18"	I-2	6.00		U6
JUNCTION SUPPLEMENTAL PLAQUE	1	21" x 15"	M2-1	2.19		(1)
CARDINAL DIRECTION (NORTH)	1	24" x 12"	M3-1	2.00		(1)
CARDINAL DIRECTION (EAST)	2	24" x 12"	M3-2	4.00		(1)
CARDINAL DIRECTION (WEST)	2	24" x 12"	M3-4	4.00		(1)
TO	1	24" x 12"	M4-5	2.00		(1)
DIRECTIONAL ARROW	1	21" x 15"	M6-3	2.19		(1)
DIRECTIONAL ARROW (LEFT)	1	12" x 9"	M6-1L	0.75		(1)
DIRECTIONAL ARROW (RIGHT)	2	12" x 9"	M6-1R	1.50		(1)
DIAGONAL TURN ARROW (RIGHT)	1	21" x 15"	M6-2R	2.19		(1)
STOP	6	36" x 36"	R1-1		45.00	P8
SPEED LIMIT	5	24" x 30"	R2-1	25.00		U6
STATE ROUTE MARKER	2	30" x 24"	TN-6B	10.00		P8
STATE ROUTE MARKER	5	30" x 24"	TN-6C	25.00		P8
CURVE (LEFT)	2	36" x 36"	W1-2L		18.00	P8
CURVE (RIGHT)	2	36" x 36"	W1-2R		18.00	P8
WINDING ROAD (LEFT)	1	48" x 48"	W1-5L		16.00	P8
WINDING ROAD (RIGHT)	1	48" x 48"	W1-5R		16.00	P8
TWO-DIRECTION LARGE ARROW	1	48" x 24"	W1-7		8.00	U6
CHEVRON ALIGNMENT	50	24" x 30"	W1-8	250.00		P8
STOP AHEAD	2	36" x 36"	W3-1		18.00	P8
REDUCED SPEED LIMIT AHEAD	2	36" x 36"	W3-5		18.00	P8
HILL BLOCKS VIEW	1	36" x 36"	W7-6		9.00	P8
TRUCK	2	36" x 36"	W11-1P		18.00	P8
ADVISORY SPEED (20 MPH) PLAQUE	2	30" x 30"	W13-1P	12.50		(1)
ADVISORY SPEED (35 MPH) PLAQUE	1	18" x 18"	W13-1P	2.25		(1)
ADVISORY SPEED (45 MPH) PLAQUE	2	18" x 18"	W13-1P	4.50		(1)
TOTALS	105			367.56	243.50	

FOOTNOTES:
(1) MOUNT ON SUPPORT WITH OTHER SIGNS.
ALL SIGNS TO HAVE PRISMATIC SHEETING.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	2G
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

MISCELLANEOUS SAFETY
IMPROVEMENTS BASED ON
2023 RSA REPORT FOR
OVERTON CO.
SR-52, LM 12.15 TO LM 14.91

SEE SHEET NOS. 2G1 - 2G9 FOR SIGNING
AND SPECIAL STRIPING DETAILS.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DETAIL SHEETS

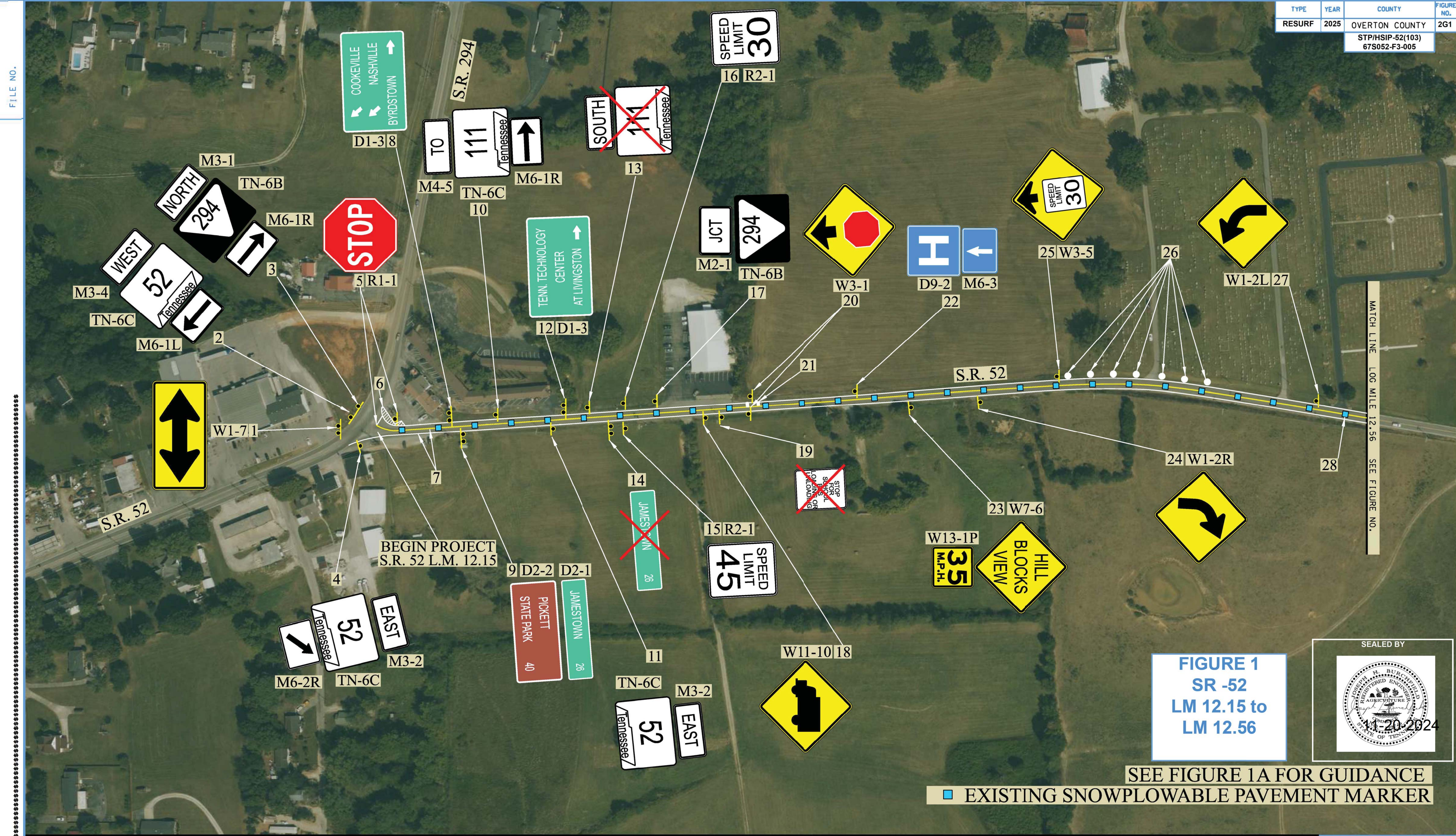


FIGURE 1
SR -52
LM 12.15 to
LM 12.56

SEE FIGURE 1A FOR GUIDANCE

■ EXISTING SNOWPLOWABLE PAVEMENT MARKER

ROAD SAFETY AUDIT

STATE ROUTE 52
L.M. 12.15 TO L.M. 14.91
OVERTON COUNTY

DETAILS OF
PROPOSED SIGNS AND
SPECIAL PAVEMENT MARKINGS
FROM LM 12.15 TO LM 14.91

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
STRATEGIC TRANSPORTATION
INVESTMENTS DIVISION

DETAIL
SHEETS

GUIDANCE

1.

Install one (1) Two Direction Large Arrow (W1-7) (48"x24") sign along S.R. 294 across the intersection with S.R. 52. Install a yellow retroreflective strip along the sign posts.
2.

Remove and replace one (1) State Route Marker (TN-6C) (30"x24") sign, one (1) Cardinal Direction (M3-4) (24"x12") sign mounted above, and one (1) Directional Arrow (M6-1L) (21"x15") sign mounted below on S.R. 294 at the intersection with S.R. 52.
3.

Remove and replace one (1) State Route Marker (TN-6B) (30"x24") sign, one (1) Cardinal Direction (M3-1) (24"x12") sign mounted above, and one (1) Directional Arrow (M6-1R) (21"x15") sign mounted below on S.R. 294 at the intersection with S.R. 52.
4.

Remove and replace one (1) State Route Marker (TN-6C) (30"x24") sign, one (1) Cardinal Direction (M3-2) (24"x12") sign mounted above , and one (1) Directional Arrow (M6-2R) (21"x15") sign mounted below on S.R. 52 eastbound at approximate L.M. 12.13.
5.

Remove and replace one (1) Stop (R1-1) (36"x36") sign on S.R. 52 at the intersection with S.R. 294. Install a red retroreflective strip along all sides of the sign post. Restripe twenty-two (22) feet of 24" thermoplastic stopline.
6.

Install 8" single solid white boundary line with white diagonal transverse 12" channelization pavement markings spaced five (5) feet apart at the intersection with S.R. 52 and S.R. 294. Approximate channelization marking locations are indicated on Figure.
7.

Restripe the existing edgelines and centerline with ~~spray thermoplastic (60 mil)~~ 6" single solid white edgelines and a 6" double solid yellow centerline on S.R. 52 from L.M. 12.15 to L.M. 12.56.
8.

Remove and replace one (1) Destination (D1-3) (72"x42") sign on S.R. 52 westbound at approximate L.M. 12.18.
9.

Remove and replace one (1) Destination (D2-2) (60"x42") sign and install one (1) Destination (D2-1) (60"x18") sign on S.R. 52 eastbound at approximate L.M. 12.19.
10.

Remove and replace one (1) State Route Marker (TN-6C) (30"x24") sign, one (1) To (M4-5) (24"x12") sign mounted above , and one (1) Directional Arrow (M6-1R) (21"x15") sign mounted below on S.R. 52 westbound at approximate L.M. 12.21.
11.

Remove and replace one (1) State Route Marker (TN-6C) (30"x24") sign and one (1) Cardinal Direction (M3-2) (24"x12") sign mounted above on S.R. 52 eastbound at approximate L.M. 12.23.
12.

Remove and replace one (1) Destination (D1-3) (72"x42") sign on S.R. 52 westbound at approximate L.M. 12.23.
13.

Remove the existing State Route Marker sign and Cardinal Direction sign on S.R. 52 westbound at approximate L.M. 12.24.
14.

Remove the existing Destination sign on S.R. 52 eastbound at approximate L.M. 12.25.
15.

Install one (1) 45 MPH Speed Limit (R2-1) (24"x30") sign on S.R. 52 eastbound at approximate L.M. 12.26.
16.

Remove and replace one (1) 30 MPH Speed Limit (R2-1) (24"x30") sign on S.R. 52 westbound at approximate L.M. 12.26.
17.

Remove and replace one (1) State Route Marker (TN-6B) (30"x24") sign and one (1) Junction (M2-1) (21"x15") sign mounted above on S.R. 52 westbound at approximate L.M. 12.27.
18.

Remove and replace one (1) Truck (W11-10) (36"x36") sign on S.R. 52 eastbound at approximate L.M. 12.29.
19.

Remove the existing Stop For School Bus sign on S.R. 52 eastbound at approximate L.M. 12.30.
20.

Remove the existing Stop Ahead sign and install two (2) Stop Ahead (W3-1) (36"x36') signs on each side of S.R. 52 at approximate L.M. 12.31. Install a yellow retroreflective strip along the sign posts.
21.

Install Stop Ahead word pavement marking on S.R. 52 westbound at approximate L.M. 12.32.
22.

Remove and replace one (1) Hospital (D9-2) (24"x24") sign and one (1) Directional Arrow (M6-3) (21"x15") sign mounted below on S.R. 52 westbound at approximate L.M. 12.35.
23.

Install one (1) Hill Blocks View (W7-6) (36"x36") sign and one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below on S.R. 52 eastbound at approximate L.M. 12.37.
24.

Install one (1) Curve (W1-2R) (36"x36") sign on S.R. 52 eastbound at approximate L.M. 12.40.
25.

Remove and replace one (1) Reduced Speed Limit (30 MPH) Ahead (W3-5) (36"x36") sign on S.R. 52 westbound at approximate L.M. 12.43. Install a yellow retroreflectivestrip along the sign post.
26.

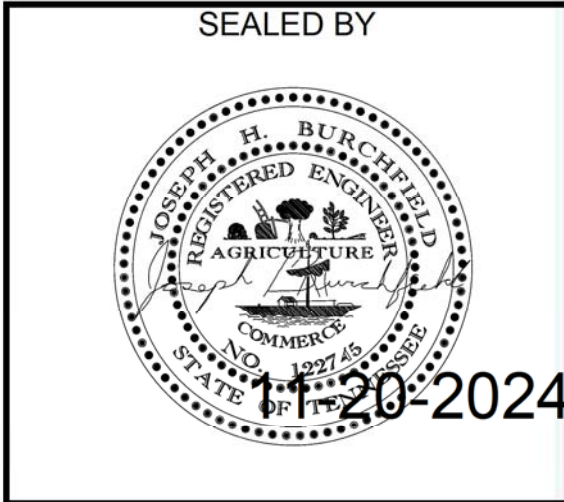
Install seven (7) bi-directional flexible white delineators spaced fifty (50) feet apart on the north side of S.R. 52 from L.M. 12.43 to L.M. 12.50.
27.

Install one (1) Curve (W1-2L) (36"x36") sign on S.R. 52 westbound at approximate L.M. 12.54.
28.

~~Remove and replace the lenses in the existing snowplowable reflective markers along S.R. 52 as needed from L.M. 12.15 to L.M. 12.56.~~

* All warning signs shall be fluorescent yellow sheeting material.

FIGURE 1A
SR -52
LM 12.15 to
LM 12.56



ROAD SAFETY AUDIT

STATE ROUTE 52
L.M. 12.15 TO L.M. 14.91
OVERTON COUNTY

DETAILS OF
PROPOSED SIGNS AND
SPECIAL PAVEMENT MARKINGS
FROM LM 12.15 TO LM 14.91

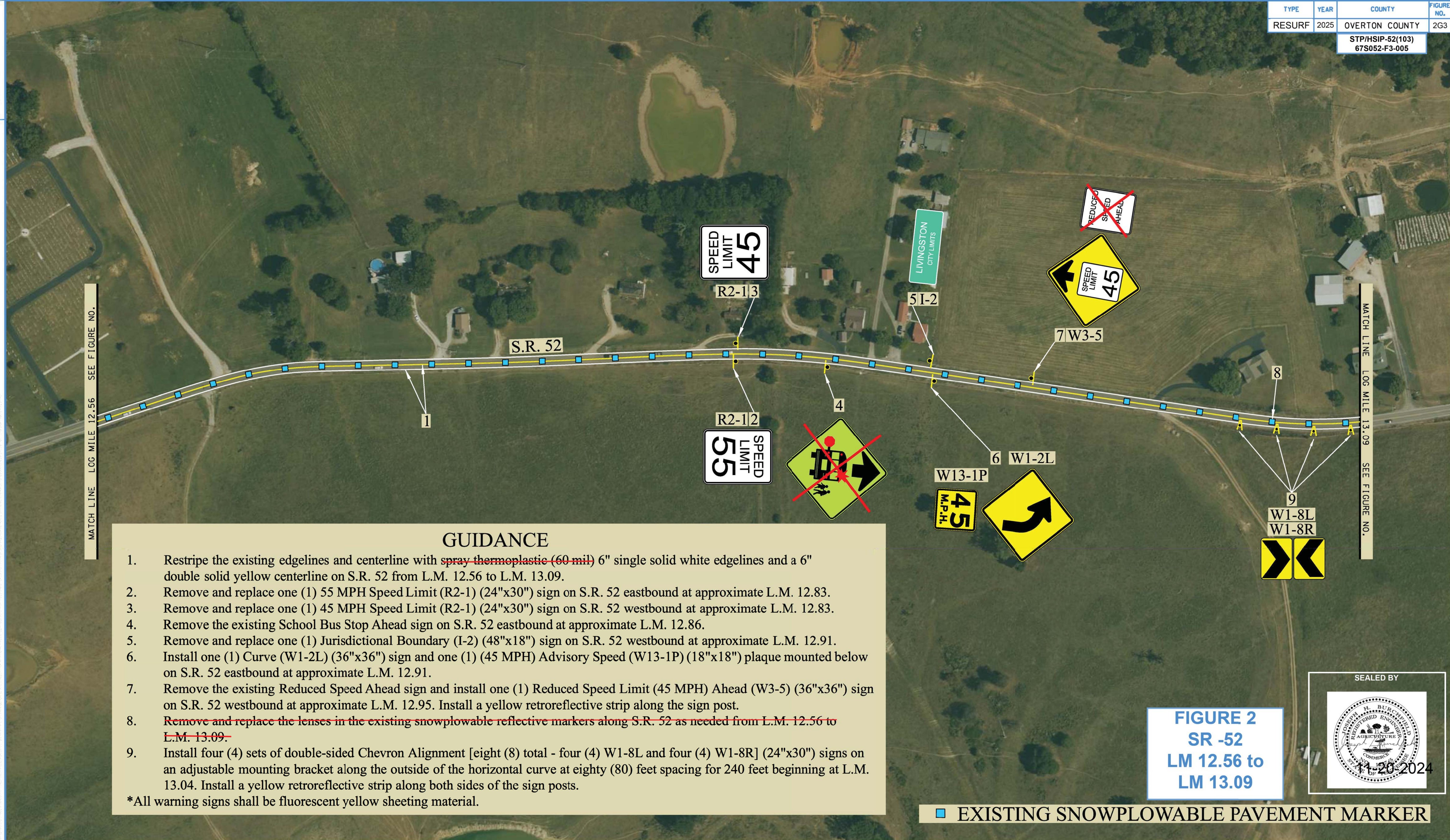


FIGURE 2
SR -52
LM 12.56 to
LM 13.09



ROAD SAFETY AUDIT

STATE ROUTE 52
L.M. 12.15 TO L.M. 14.91
OVERTON COUNTY

DETAILS OF
PROPOSED SIGNS AND
SPECIAL PAVEMENT MARKINGS
FROM LM 12.15 TO LM 14.91

GUIDANCE

1. Restripe the existing edgelines and centerline with ~~spray thermoplastic (60 mil)~~ 6" single solid white edgelines and a 6" double solid yellow centerline on S.R. 52 from L.M. 13.09 to L.M. 13.11.
2. Install one (1) Curve (W1-2R) (36"x36") sign and one (1) (45 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below on S.R. 52 westbound at approximate L.M. 13.15.
3. Restripe the existing edgelines and centerline with ~~spray thermoplastic (60 mil)~~ 6" single solid white edgelines and a 6" solid/single broken yellow centerline eastbound passing zone on S.R. 52 from L.M. 13.11 to L.M. 13.28.
4. Restripe the existing edgelines and centerline with ~~spray thermoplastic (60 mil)~~ 6" single solid white edgelines and a 6" single broken yellow centerline on S.R. 52 from L.M. 13.28 to L.M. 13.52.
5. Remove and replace one (1) Stop (R1-1) (36"x36") sign on Kenneth Linder Lane at the intersection with S.R. 52. Install a red retroreflective strip along the sign post. Restripe thirteen (13) feet of 24" thermoplastic stop line.
6. Restripe the existing edgelines and centerline with ~~spray thermoplastic (60 mil)~~ 6" single solid white edgelines and a 6" solid/single broken yellow centerline westbound passing zone on S.R. 52 from L.M. 13.52 to L.M. 13.61.
7. Remove and replace the lenses in the existing snowplowable reflective markers along S.R. 52 as needed from L.M. 13.09 to L.M. 13.61.

*All warning signs shall be on fluorescent yellow sheeting material.

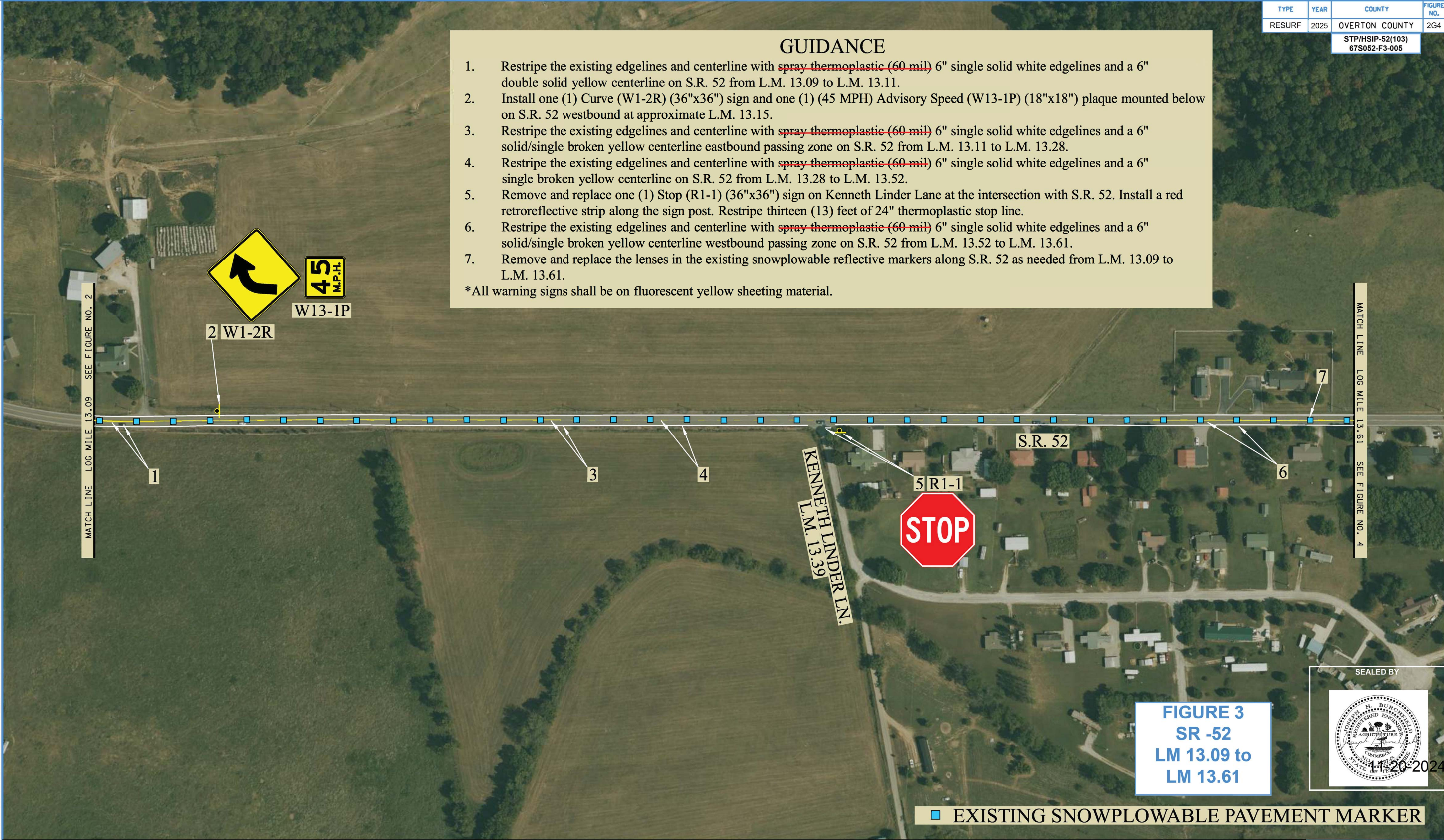


FIGURE 3
SR -52
LM 13.09 to
LM 13.61



EXISTING SNOWPLOWABLE PAVEMENT MARKER



ROAD SAFETY AUDIT
STATE ROUTE 52
L.M. 12.15 TO L.M. 14.91
OVERTON COUNTY

DETAILS OF
PROPOSED SIGNS AND
SPECIAL PAVEMENT MARKINGS
FROM LM 12.15 TO LM 14.91

GUIDANCE

1.

Restripe the existing edgelines and centerline with ~~spray thermoplastic (60 mil)~~ 6" single solid white edgelines and a 6" solid/single broken yellow centerline eastbound passing zone on S.R. 52 from L.M. 13.61 to L.M. 13.69.
2.

Restripe the existing edgelines and centerline with ~~spray thermoplastic (60 mil)~~ 6" single solid white edgelines and a 6" double solid yellow centerline on S.R. 52 from L.M. 13.69 to L.M. 14.15.
3.

Remove the existing Winding Road sign and 20 MPH Advisory Speed plaque and install one (1) oversized Winding Road (W1-5L) (48"x48") sign and one (1) (20 MPH) Advisory Speed (W13-1P) (30"x30") plaque mounted below on S.R. 52 eastbound at approximate L.M. 13.90.
4.

Remove and replace one (1) Stop (R1-1) (36"x36") sign on Lee Cave Lane at the intersection with S.R. 52. Install a red retroreflective strip along the sign post. Restripe twelve (12) feet of 24" thermoplastic stop line.
5.

Install four (4) sets of double-sided Chevron Alignment [eight (8) total - four (4) W1-8L and four (4) W1-8R] (24"x30") signs on an adjustable mounting bracket along the outside of the horizontal curve at eighty (80) feet spacing for 240 feet beginning at L.M. 14.03. Install a yellow retroreflective strip along both sides of the sign posts.
6.

~~Install continuous white delineation enhancement on 625 feet of existing guardrail along the south side of S.R. 52 from L.M. 13.85 to L.M. 14.15.~~
7.

~~Remove and replace the lenses in the existing snowplowable reflective markers along S.R. 52 as needed from L.M. 13.61 to L.M. 14.15.~~
- *All warning signs shall be fluorescent yellow sheeting material.

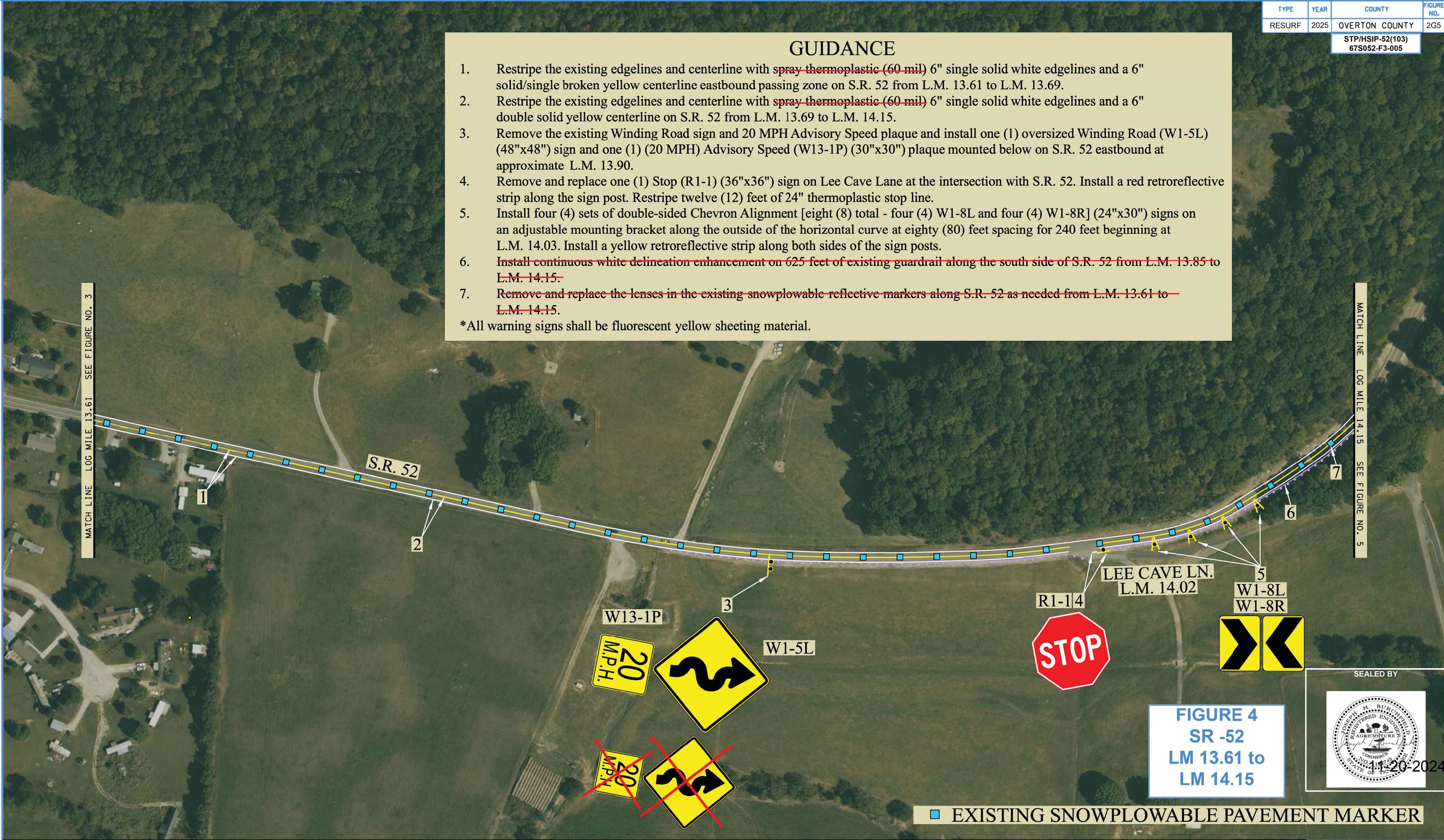


FIGURE 4
SR -52
LM 13.61 to
LM 14.15

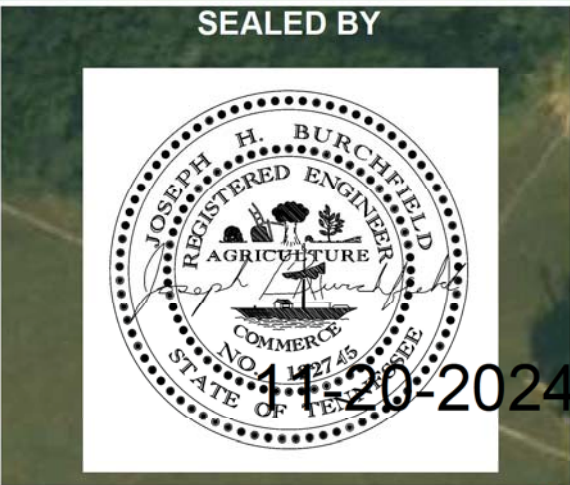
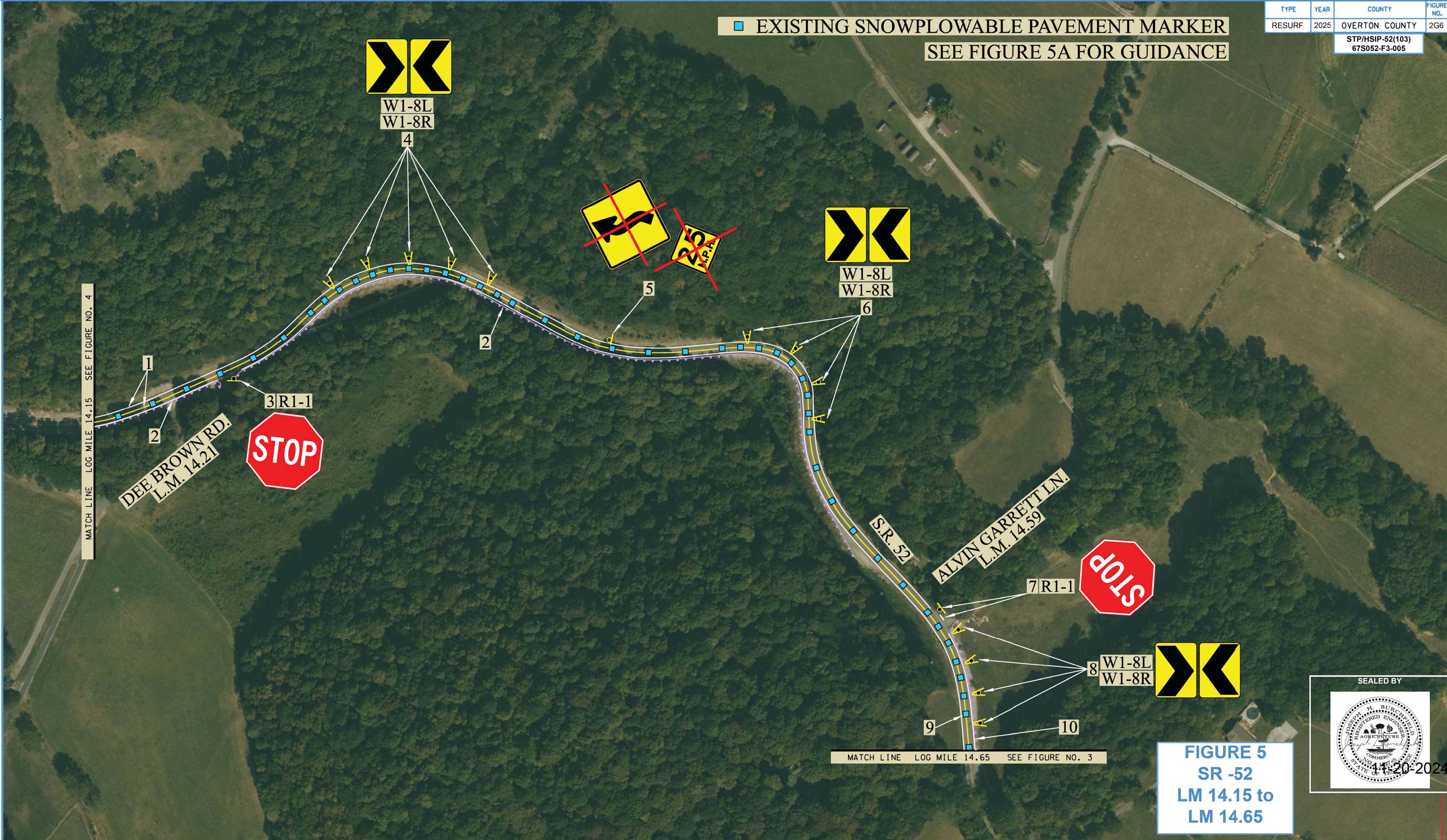


ROAD SAFETY AUDIT

STATE ROUTE 52
L.M. 12.15 TO L.M. 14.91
OVERTON COUNTY

DETAILS OF
PROPOSED SIGNS AND
SPECIAL PAVEMENT MARKINGS
FROM LM 12.15 TO LM 14.91

EXISTING SNOWPLOWABLE PAVEMENT MARKER
SEE FIGURE 5A FOR GUIDANCE



ROAD SAFETY AUDIT
STATE ROUTE 52
L.M. 12.15 TO L.M. 14.91
OVERTON COUNTY

DETAILS OF
PROPOSED SIGNS AND
SPECIAL PAVEMENT MARKINGS
FROM LM 12.15 TO LM 14.91

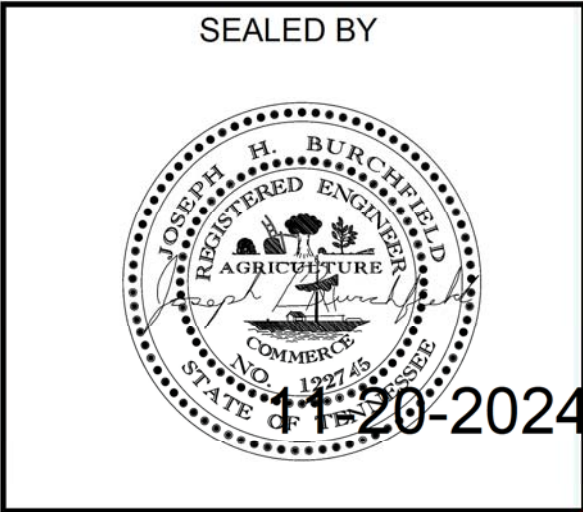
GUIDANCE

- Restripe the existing edgelines and centerline with ~~spray thermoplastic (60 mil)~~ 6" single solid white edgelines and a 6" double solid yellow centerline on S.R. 52 from L.M. 14.15 to L.M. 14.65.
- ~~Install continuous white delineation enhancement on 2,100 feet of existing guardrail along the south side of S.R. 52 from L.M. 14.15 to L.M. 14.57.~~
- Install one (1) Stop (R1-1) (36"x36") sign on Dee Brown Road at the intersection with S.R. 52. Install a red retroreflective strip along the sign post.
- Remove and replace five (5) sets of double-sided Chevron Alignment [ten (10) total - five (5) W1-8L and five (5) W1-8R] (24"x30") signs on an adjustable mounting bracket along the outside of the horizontal curve at eighty (80) feet spacing for 320 feet beginning at L.M. 14.26. Install a yellow retroreflective strip along both sides of the sign posts.
- Remove the existing Reverse Curve sign and 25 MPH Advisory Speed plaque on S.R. 52 westbound at approximate L.M. 14.39.
- Remove and replace four (4) sets of double-sided Chevron Alignment [eight (8) total - four (4) W1-8L and four (4) W1-8R] (24"x30") signs on an adjustable mounting bracket along the outside of the horizontal curve at eighty (80) feet spacing for 240 feet beginning at L.M. 14.44. Install a yellow retroreflective strip along both sides of the sign posts.
- Remove and replace one (1) Stop (R1-1) (36"x36") sign on Alvin Garrett Lane at the intersection with S.R. 52. Install a red retroreflective strip along the sign post. Restripe thirteen (13) feet of 24" thermoplastic stop line.
- Remove and replace four (4) sets of double-sided Chevron Alignment [eight (8) total - four (4) W1-8L and four (4) W1-8R] (24"x30") signs on an adjustable mounting bracket along the outside of the horizontal curve at eighty (80) feet spacing for 240 feet beginning at L.M. 14.60. Install a yellow retroreflective strip along both sides of the sign posts.
- ~~Remove and replace the lenses in the existing snowplowable reflective markers along S.R. 52 as needed from L.M. 14.15 to L.M. 14.65.~~
- ~~Install continuous white delineation enhancement on 300 feet of existing guardrail along the north side of S.R. 52 from L.M. 14.59 to L.M. 14.65.~~

*All warning signs shall be on fluorescent yellow sheeting material.

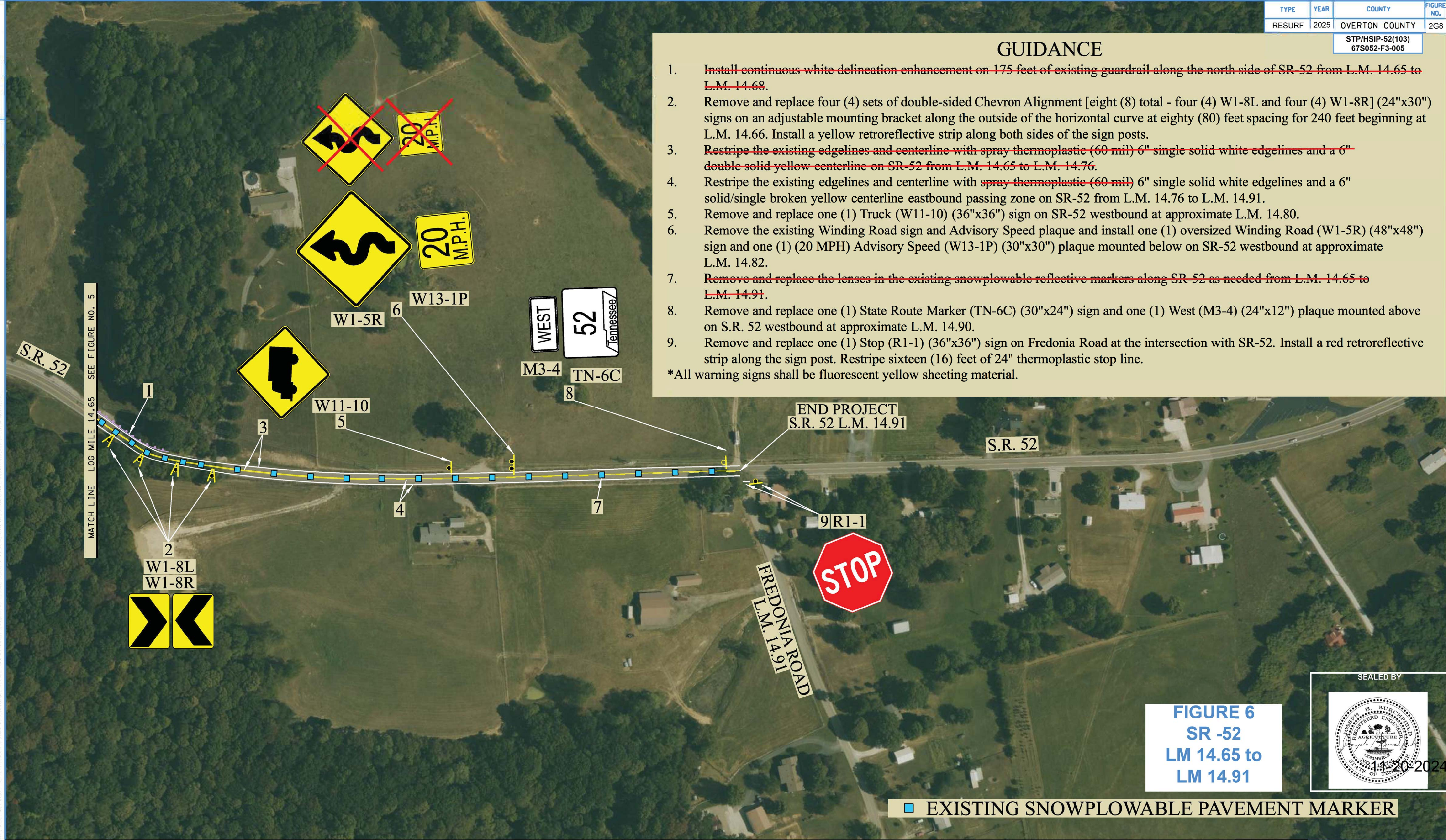
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FIGURE 5A
SR -52
LM 14.15 to
LM 14.65



ROAD SAFETY AUDIT

STATE ROUTE 52
L.M. 12.15 TO L.M. 14.91
OVERTON COUNTY



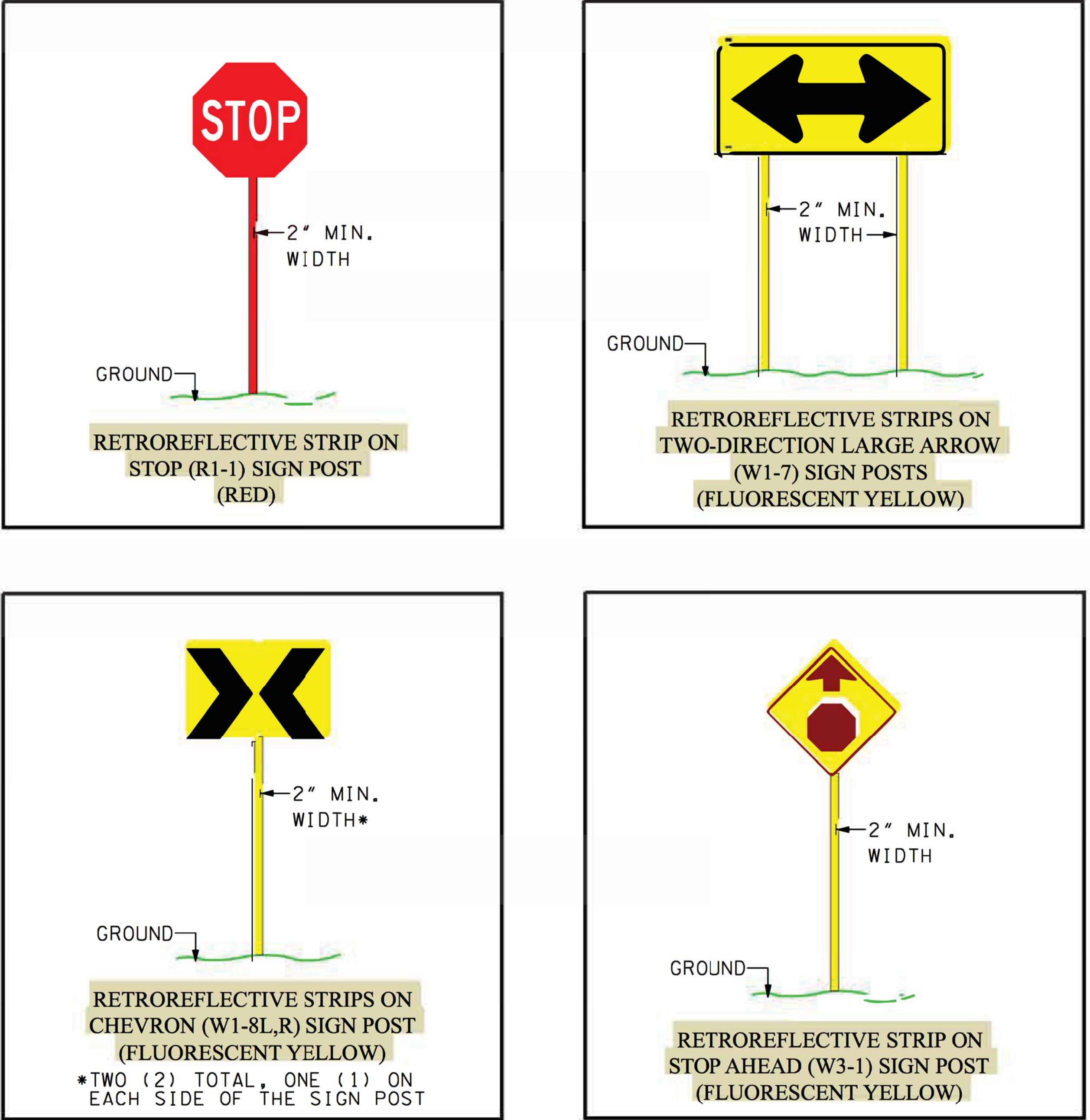
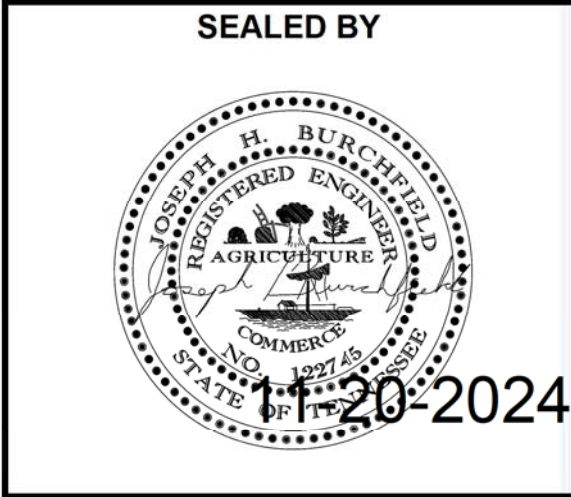


FIGURE 7
SR -52



*****SYTIME*****
*****DONSPEC*****



ROAD SAFETY AUDIT
STATE ROUTE 52
L.M. 12.15 TO L.M. 14.91
OVERTON COUNTY

DETAILS OF
PROPOSED SIGNS AND
SPECIAL PAVEMENT MARKINGS
FROM LM 12.15 TO LM 14.91

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UTILITY

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (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

SR-85

FIBER OPTICS:
Upper Cumberland Electric Membership Corp.
PO Box 159
Carthage TN 370300159
CONTACT: Wayne Anderson
OFFICE PHONE: 615 281 8810
Email: wanderson@ucemc.com

GAS, WATER & SEWER:
Livingston, Town of
301 McHenry Circle
Livingston TN 38570
CONTACT: Curtis Hayes
OFFICE PHONE: 931 823 1269
Email: mayor@cityoflivingston.net

TELEPHONE:
Twin Lakes
PO Box 67
Gainesboro TN 38562
CONTACT: James Dobbs
OFFICE PHONE: 931 268 2151
Email: jdobbs@twinlakes.net

GAS, SEWER & WATER:
Livingston, Town of
301 McHenry Circle
Livingston TN 38570
CONTACT: Curtis Hayes
OFFICE PHONE: 931 823 1269
Email: mayor@cityoflivingston.net

FIBER:
Volunteer Energy Cooperative
PO Box 277
Decatur TN 37322
CONTACT: Matthew Teague
OFFICE PHONE: 423 334 7040
Email: mteague@vec.org

SR-52

CABLE:

Comcast (Xfinity)
5720 Asheville Highway
Knoxville TN 37924
CONTACT: Joshua Jones
OFFICE PHONE: 865 719 7590
Email: joshua_jones@comcast.com

ELECTRIC:
Tri-County Electric Membership Corp.
PO Box 40
Lafayette TN 370830040
CONTACT: Dewayne Sloan
OFFICE PHONE: 615 688 2119
Email: dsloan@tcemc.org

ELECTRIC & FIBER OPTICS:
Upper Cumberland Electric Membership Corp.
PO Box 159
Carthage TN 370300159
CONTACT: Wayne Anderson
OFFICE PHONE: 615 281 8810
Email: wanderson@ucemc.com

GAS, SEWER & WATER:
Livingston, Town of
301 McHenry Circle
Livingston TN 38570
CONTACT: Curtis Hayes
OFFICE PHONE: 931 823 1269
Email: mayor@cityoflivingston.net

FIBER:
Volunteer Energy Cooperative
PO Box 277
Decatur TN 37322
CONTACT: Matthew Teague
OFFICE PHONE: 423 334 7040
Email: mteague@vec.org

WATER

East Fork Utility District
121 Pierce Lane
Monterey TN 38574
CONTACT: Eric Stephens
OFFICE PHONE: 931 445 3363
Email: eforkutility@twlakes.net

TELEPHONE:
Twin Lakes
PO Box 67
Gainesboro TN 38562
CONTACT: James Dobbs
OFFICE PHONE" 931 268 2151
Email: jdobbs@twinlakes.net

GAS:
Middle Tennessee Natural Gas
PO Box 670
Smithville TN 37166
CONTACT: Matt Stennett
OFFICE PHONE: 931 754 3515
Email: mstennett@mtng.com

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	3
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

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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.
- d.

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.
2.

DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 1.75 INCHES AND NOT EXCEEDING 6 INCHES, TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.
- a.

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
- (1)

WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
- (2)

WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
- b.

IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) 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.
- c.

WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE REGIONAL TRAFFIC ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL 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.

IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-52(106)	T1
		67S052-F8-007	
		67S052-F3-007	
		STP/HSIP-85(51)	
		67S085-F8-004	
		67S085-F3-004	
		STP/HSIP-52(103)	
		67S052-F8-005	
		67S052-F3-005	

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE
DROP-OFF NOTES
FOR
TRAFFIC CONTROL

PUBLIC SQUARE ENHANCEMENTS FOR THE TOWN OF LIVINGSTON LIVINGSTON, OVERTON COUNTY, TENNESSEE

Plan Set 01

REVISION - LETTING 1-28-25: ADDED SHEET.

BWSC

JUNE 19, 2017
PROJECT No.
34320-09



6/19/2017

PROJECT INFORMATION

OWNER:

TOWN OF LIVINGSTON, TENNESSEE

WILLIAM CURTIS HAYES, JR., MAYOR

BILL WINNINGHAM, VICE-MAYOR

RONALD DISHMAN, ALDERMAN
KEN DODSON, ALDERMAN
DAVID LANGFORD, ALDERMAN
BILL LINDER, ALDERMAN
DAVID SADLER II, ALDERMAN

CITY HALL
301 McHENRY CIRCLE
LIVINGSTON, TENNESSEE 38570
(931) 823-1269

www.cityoflivingston.net

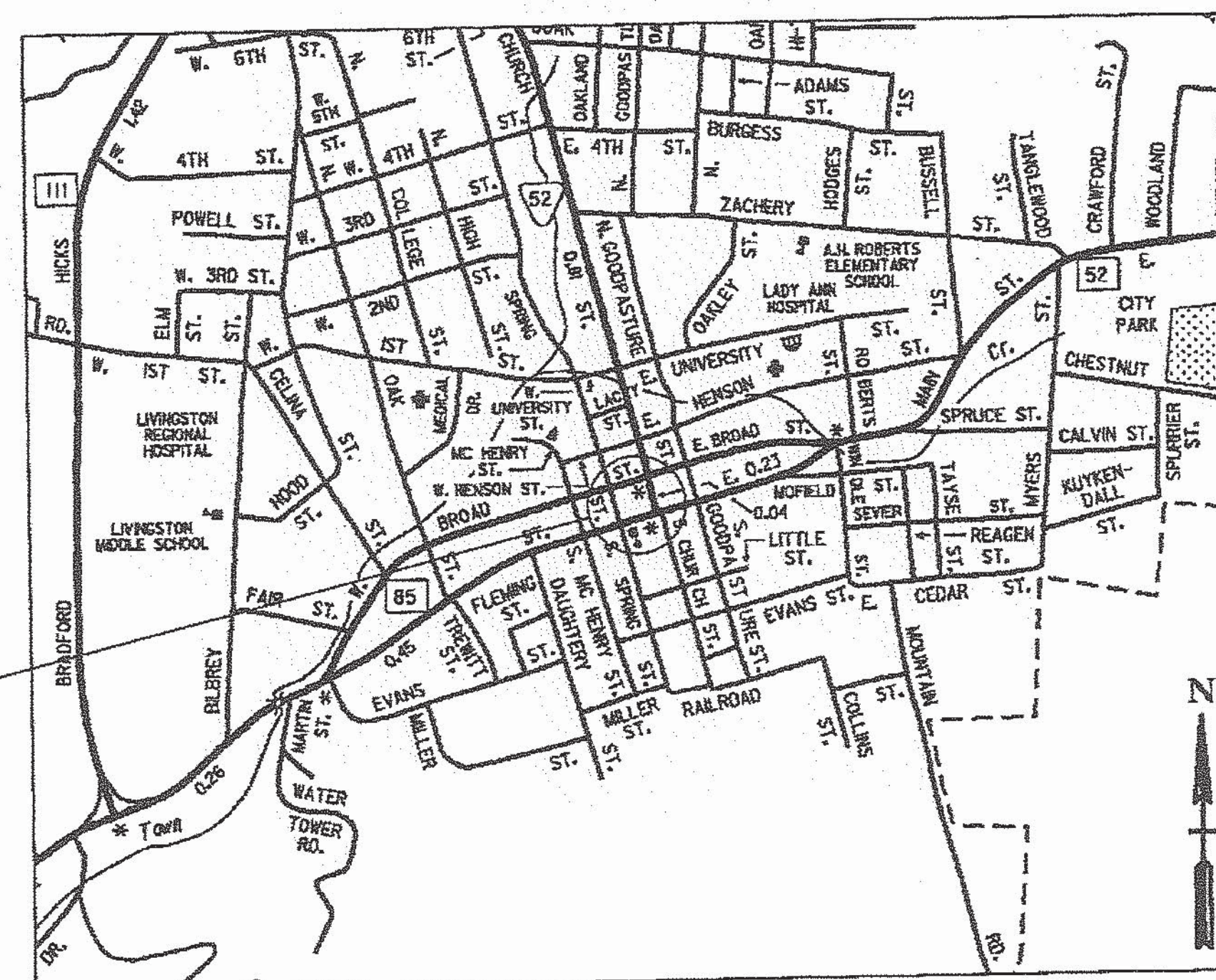
CIVIL ENGINEER
BARGE, WAGGONER, SUMNER, AND CANNON
211 COMMERCE STREET, SUITE 600
NASHVILLE, TENNESSEE 37201
CONTACT: MICHAEL TAPP, P.E. (615-252-4429)

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

THIS PROJECT TO FOLLOW THE GUIDELINES AS SET FORTH BY THE LOCAL GOVERNMENT GUIDELINES FOR THE MANAGEMENT OF FEDERAL AND STATE FUNDED TRANSPORTATION PROJECTS MANUAL SIXTH EDITION, DATED MARCH 1, 2016.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

LOCALLY MANAGED PROJECT LOCALLY LET PROJECT Federal Project No. TAP-6700(33) State Project No. 67LPLM-F3-007 PIN 119887.00



LOCATION MAP

SCALE: 1" = 3000'

INDEX OF DRAWINGS

Sheet No.	Description
C0.01	COVER SHEET
C0.11	TDOT STANDARD DRAWINGS INDEX
C0.21	ESTIMATED QUANTITIES AND UTILITY NOTES
C0.31 - C0.33	GENERAL NOTES
C0.41	KEY MAP
C1.00	DEMOLITION PLAN - COURT SQUARE
C1.01	W. MAIN STREET AT S. SPRING STREET
C1.02	E. MAIN STREET AT S. CHURCH STREET
C1.03	E. BROAD STREET AT N. CHURCH STREET
C1.04	W. BROAD STREET AT N. SPRING STREET
C2.00	DEMOLITION PLAN - S. SPRING STREET
C2.01	S. SPRING STREET
C3.00 - C3.50	TRAFFIC CONTROL SHEETS
C7.01 - C7.02	CIVIL DETAILS

NO R.O.W. REQUIRED

DISTURBED AREA

0.31 ACRE

TRAFFIC DATA

ADT (2017) EST.	6764
POSTED SPEED	25 MPH

ORIGINAL SURVEY DATE: OCTOBER 2008

REFERENCE FOR STAMPED CROSS-WALK ONLY

BWSC

BARGE
WAGGONER
SUMNER &
CANNON, INC.

ISSUED FOR BID

C0.01

REVISION - LETTING 1-28-25: ADDED SHEET.

BWSC
BARGE
WAGGONER
&
SUMNER
&
CANNON, INC.
28 Commerce Street, Suite 600 Nashville, Tennessee 37203
PHONE (615) 254-1900 FAX (615) 255-5572



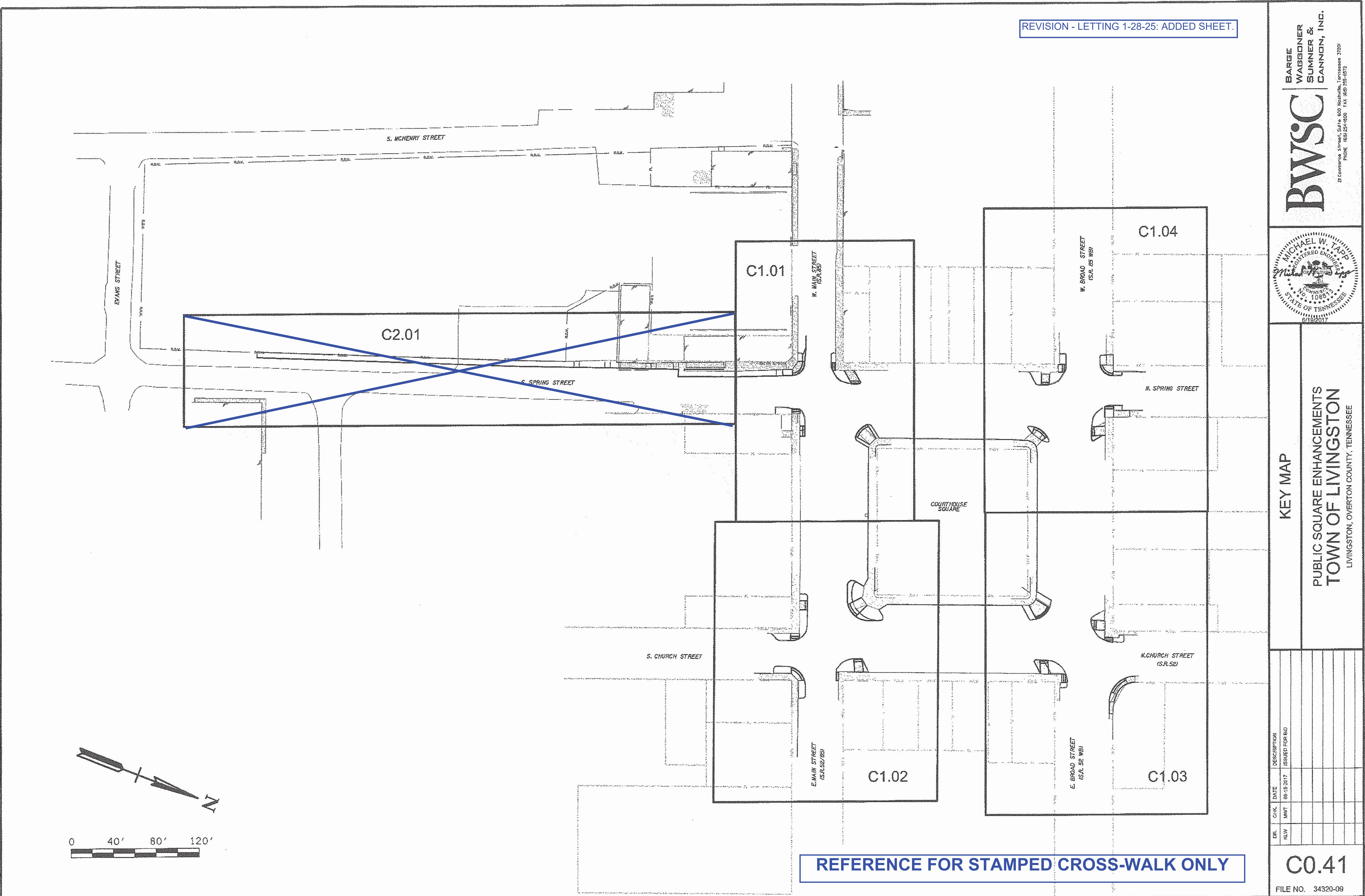
KEY MAP

PUBLIC SQUARE ENHANCEMENTS
TOWN OF LIVINGSTON
LIVINGSTON, OVERTON COUNTY, TENNESSEE

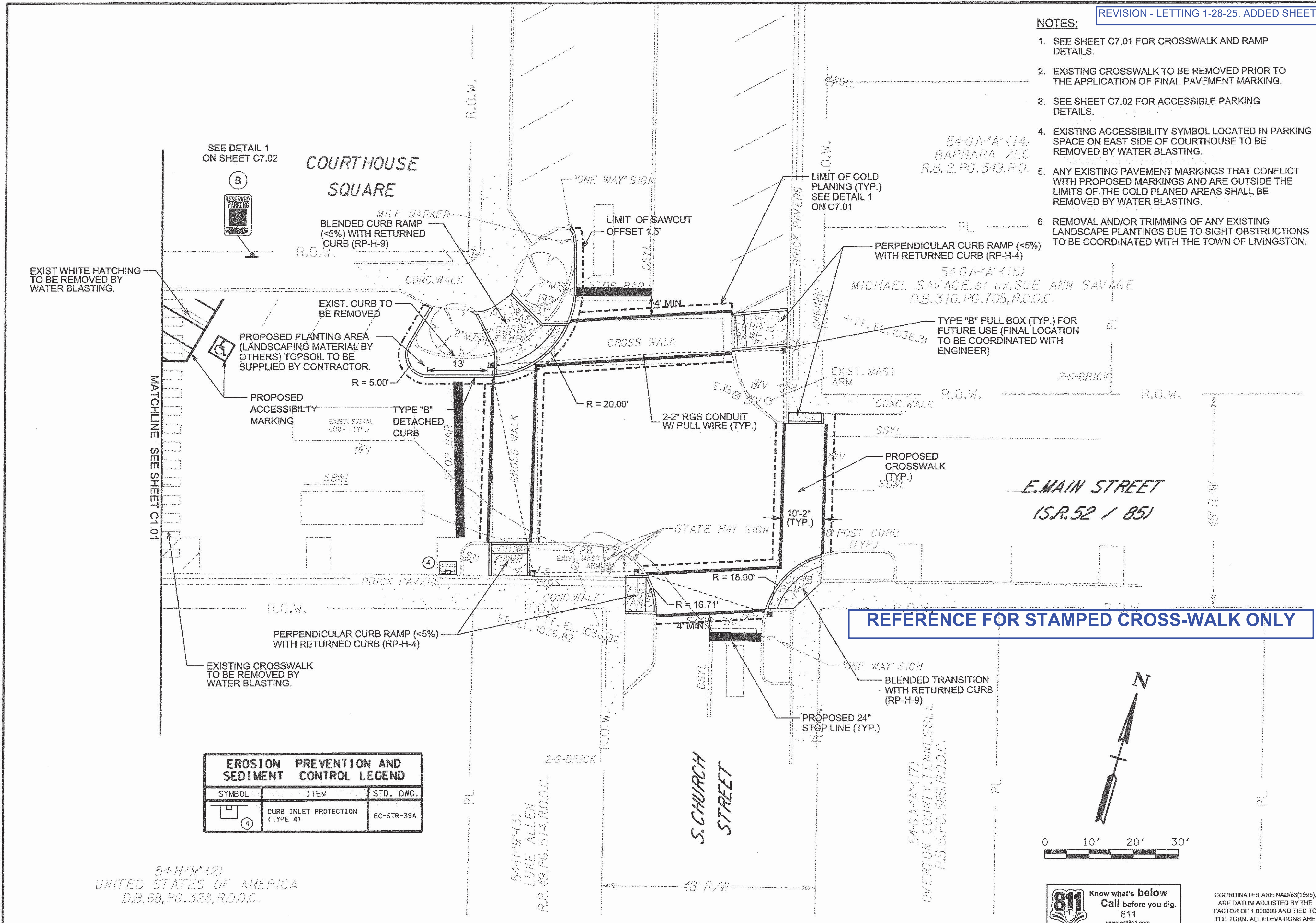
DR.	CHK.	DATE	DESCRIPTION
KLW	MWT	08-19-2017	ISSUED FOR BID

C0.41

FILE NO. 34320-09



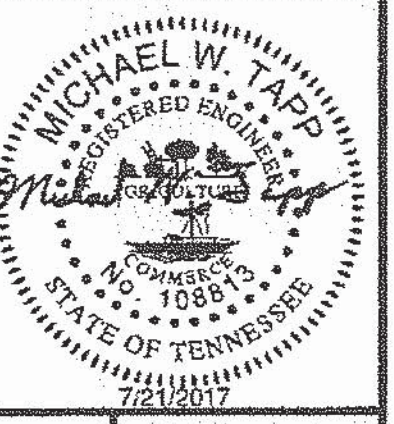
7/21/2017
16:25:48
dwgplot
Trans_BwscFull.open
Workspace: TD0TV8



- NOTES:**
1. SEE SHEET C7.01 FOR CROSSWALK AND RAMP DETAILS.
 2. EXISTING CROSSWALK TO BE REMOVED PRIOR TO THE APPLICATION OF FINAL PAVEMENT MARKING.
 3. SEE SHEET C7.02 FOR ACCESSIBLE PARKING DETAILS.
 4. EXISTING ACCESSIBILITY SYMBOL LOCATED IN PARKING SPACE ON EAST SIDE OF COURTHOUSE TO BE REMOVED BY WATER BLASTING.
 5. ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS AND ARE OUTSIDE THE LIMITS OF THE COLD PLANNED AREAS SHALL BE REMOVED BY WATER BLASTING.
 6. REMOVAL AND/OR TRIMMING OF ANY EXISTING LANDSCAPE PLANTINGS DUE TO SIGHT OBSTRUCTIONS TO BE COORDINATED WITH THE TOWN OF LIVINGSTON.

BARGE WAGGONER SUMNER & CANNON, INC.
21 Commerce Street, Suite 600 Nashville, Tennessee 37203
PHONE: (615) 254-8600 FAX: (615) 255-5572

BWSC



E. MAIN STREET AT S. CHURCH STREET
PUBLIC SQUARE ENHANCEMENTS
TOWN OF LIVINGSTON
LIVINGSTON, OVERTON COUNTY, TENNESSEE

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

0 10' 20' 30'

811 Know what's below
Call before you dig.
811
www.call811.com

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

DR.	CHK.	DATE	DESCRIPTION
KLW	MMT	06-19-2017	ISSUED FOR BID
KLW	MMT	07-21-2017	REVISED CURB RAMP AT NORTHWEST CORNER

C1.02
FILE NO. 34320-08

NOTES:

1. SEE SHEET C7.01 FOR CROSSWALK AND RAMP DETAILS.
2. EXISTING CROSSWALK AND STOP BARS TO BE REMOVED PRIOR TO THE APPLICATION OF FINAL PAVEMENT MARKING.
3. ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS AND ARE OUTSIDE THE LIMITS OF THE COLD PLANED AREAS SHALL BE REMOVED BY WATER BLASTING.
4. REMOVAL AND / OR TRIMMING OF ANY EXISTING LANDSCAPE PLANTINGS DUE TO SIGHT OBSTRUCTIONS TO BE COORDINATED WITH THE TOWN OF LIVINGSTON.
5. ANY HOLE PATCHES NECESSARY AFTER BOLLARD REMOVAL SHALL BE INCIDENTAL TO PROJECT COST.

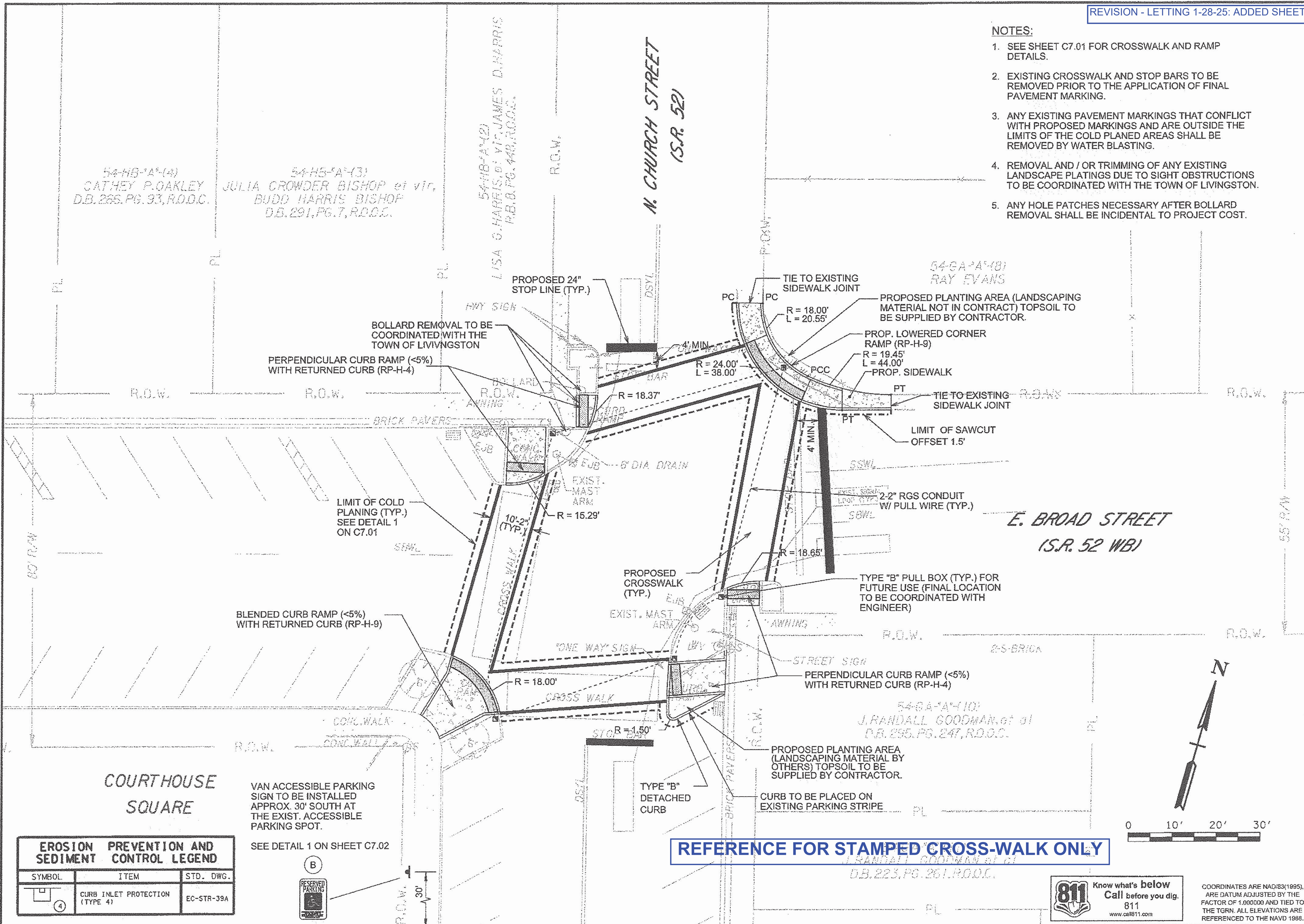
BARGE WAGGONER SUMNER & CANNON, INC.
BWSC
20 Commerce Street, Suite 400, Nashville, Tennessee 37203
PHONE (615) 254-1500 FAX (615) 255-6572



E. BROAD STREET AT N. CHURCH STREET
PUBLIC SQUARE ENHANCEMENTS
TOWN OF LIVINGSTON
LIVINGSTON, OVERTON COUNTY, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
KLV	MWT	06-16-2017	ISSUED FOR BID
KLV	MWT	07-11-2017	REVISED CURB RAMP AT SOUTHWEST CORNER

C1.03
FILE NO. 34320-09



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
(4)	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

VAN ACCESSIBLE PARKING SIGN TO BE INSTALLED APPROX. 30' SOUTH AT THE EXIST. ACCESSIBLE PARKING SPOT.

SEE DETAIL 1 ON SHEET C7.02

REFERENCE FOR STAMPED CROSS-WALK ONLY

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COORDINATES ARE NAD83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

7/21/2017
16:25:53
\\dwg\pnt01\hghsh BW Plotter
mwtapp
T:\dwg\Bwsc\Full pen workspace: TD01V8



W. BROAD STREET AT N. SPRING STREET

PUBLIC SQUARE ENHANCEMENTS
TOWN OF LIVINGSTON
LIVINGSTON, OVERTON COUNTY, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
KLW	MWT	06-19-2017	ISSUED FOR BID
KLW	MWT	07-21-2017	REVISED CURB RAMP AT SOUTHEAST CORNER

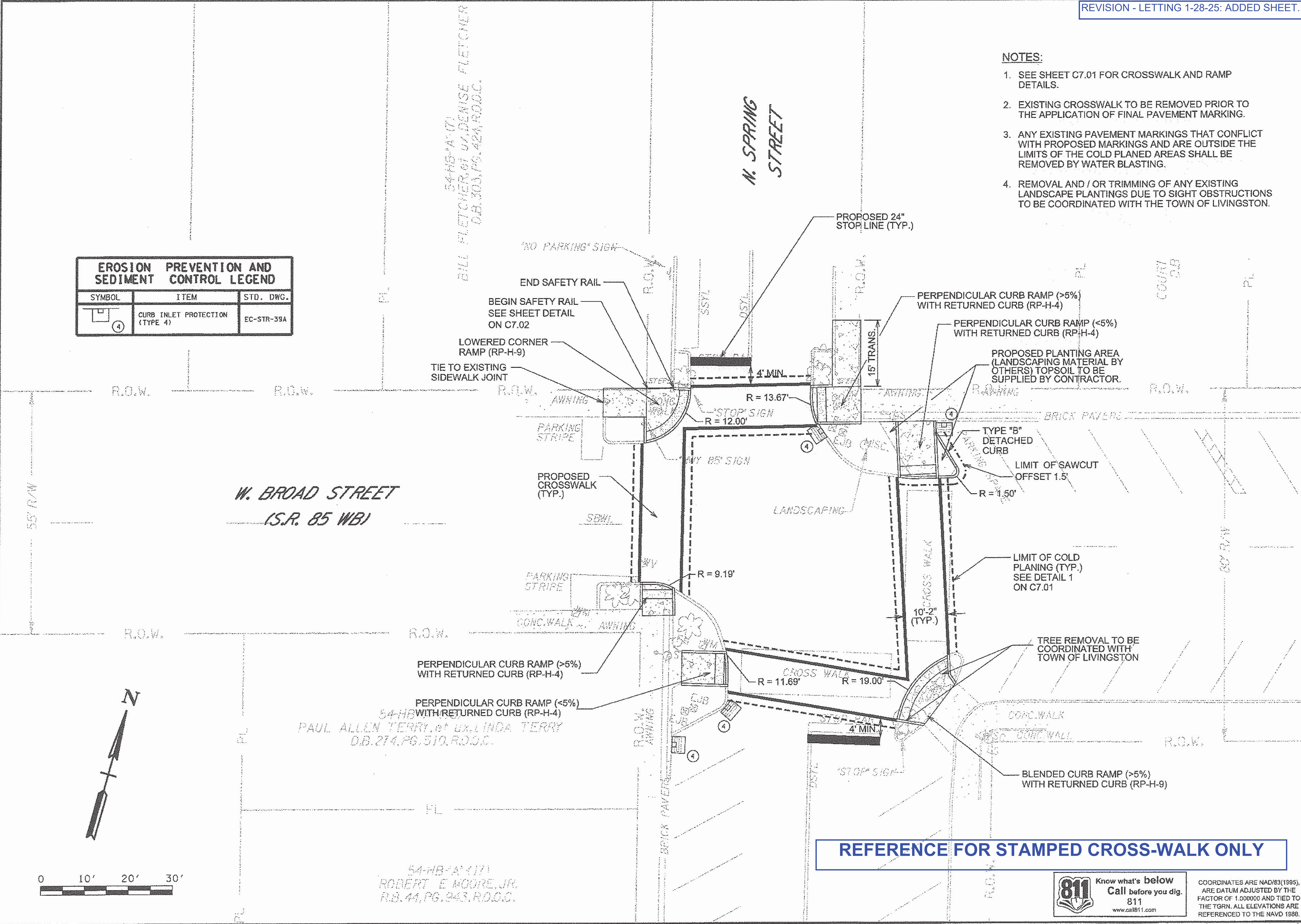
C1.04

FILE NO. 34320-09

NOTES:

1. SEE SHEET C7.01 FOR CROSSWALK AND RAMP DETAILS.
2. EXISTING CROSSWALK TO BE REMOVED PRIOR TO THE APPLICATION OF FINAL PAVEMENT MARKING.
3. ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS AND ARE OUTSIDE THE LIMITS OF THE COLD PLANED AREAS SHALL BE REMOVED BY WATER BLASTING.
4. REMOVAL AND / OR TRIMMING OF ANY EXISTING LANDSCAPE PLANTINGS DUE TO SIGHT OBSTRUCTIONS TO BE COORDINATED WITH THE TOWN OF LIVINGSTON.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

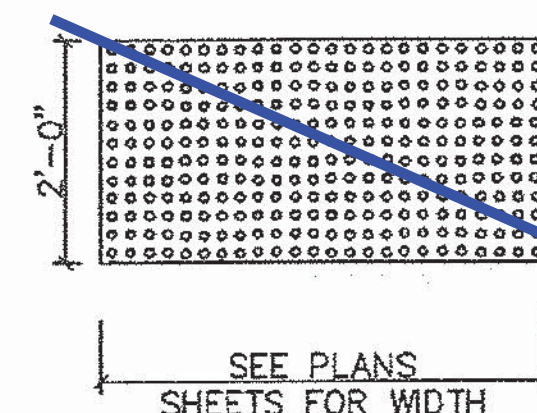
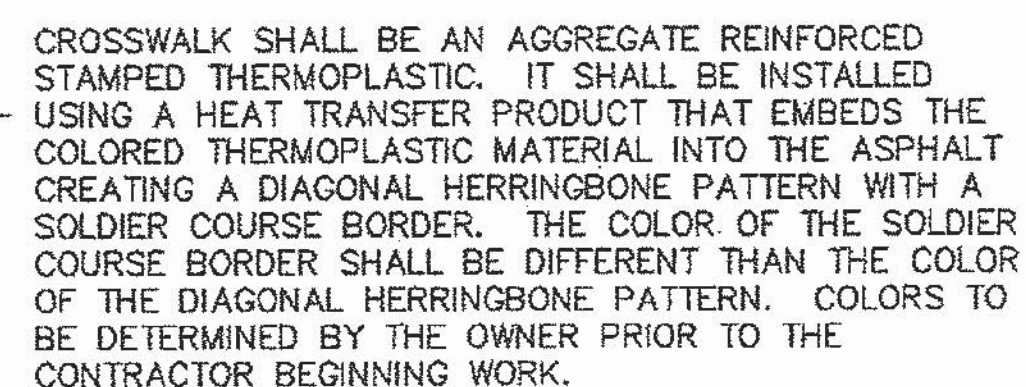


REFERENCE FOR STAMPED CROSS-WALK ONLY



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Call before you dig.
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COORDINATES ARE NAD83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.



NOTES:

1. THE DETECTABLE WARNING SURFACES SHALL BE YELLOW.
2. SEE TDOT STANDARD DRAWING R11-H-3 FOR ADDITIONAL DETAILS.

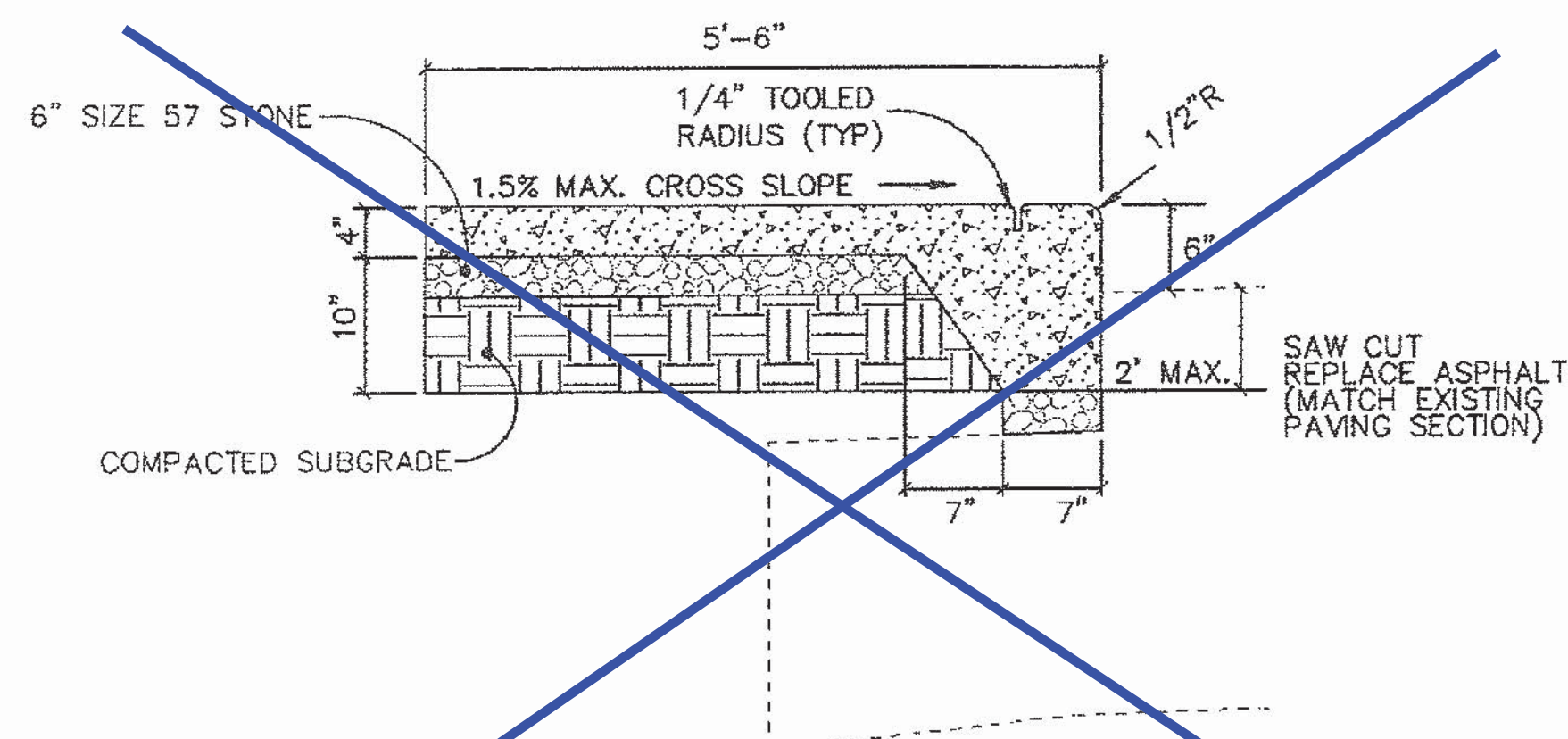
3 TYPICAL DETECTABLE WARNING MAT

REFERENCE FOR STAMPED CROSS-WALK ONLY

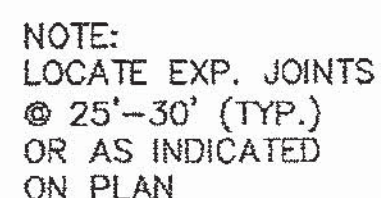


1 CROSSWALK DETAIL
N.T.S.

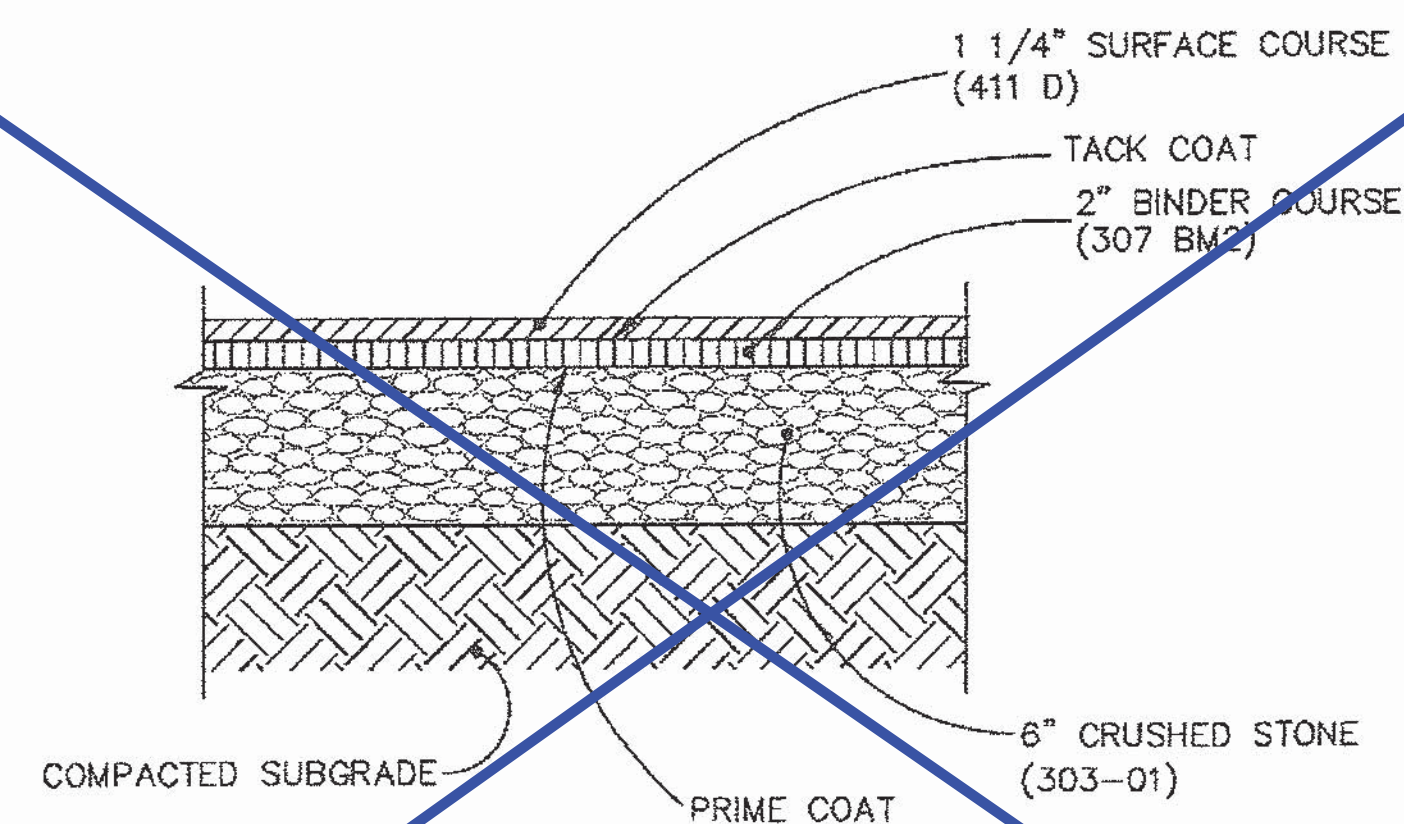
~~2-2" RGS CONDUIT W/ PULL WIRE
(TRENCHING FOR CONDUIT TO BE
COMPACTED TO TDOT ROADWAY
STANDARDS UNDER PAY ITEM
714-04.02)~~



4 TYPICAL TURN DOWN SIDEWALK DETAIL



2 TYPICAL SIDEWALK JOINTS



ALL PAVEMENT MIXES SHALL MEET TDOT SPECIFICATIONS.

5 TYPICAL PAVEMENT REPAIR DETAIL
N.T.S.

(FOR AREAS OF NEW CURB OR TURN DOWN SIDEWALK)

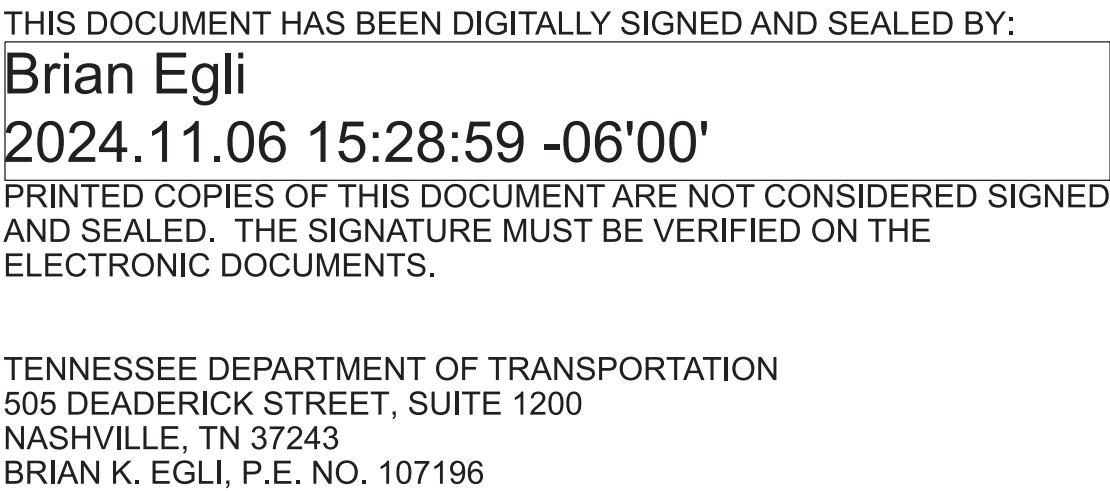
CIVIL DETAILS

PUBLIC SQUARE ENHANCEMENTS
TOWN OF LIVINGSTON
LIVINGSTON, OVERTON COUNTY, TENNESSEE

[illegible]

C7.01

FILE NO. 34320-09



SHEET NAME	SHEET NO.
SIGNATURE SHEET	STRUCTURE-SIGN
BRIDGE PLANS	B1 THRU B5

YEAR	PROJECT NO.	SHEET NO.
2025	67S052-M3-006	STRUCTURE-SIGN 1
STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION		
SIGNATURE SHEET		

OVERTON CO SR52 LM 12.15 TO LM 18.32

FED. PROJ. NO. STP/HSIP-52(103)

[illegible]

PIN 132865.00

INDEX OF DRAWINGS

DWG. NO.

LAST
REV. DATE

INDEX OF DRAWINGS	B1
BRIDGE TABULATION AND ESTIMATED QUANTITIES	B2
TYPE 1 THIN EPOXY OVERLAY NOTES	B3
PLAN VIEW (67SR0520001)	B4
PHASE CONSTRUCTION	B5

INDEX OF REFERENCE DRAWINGS

DWG. NO.

LAYOUT OF BRIDGE _____ BR-29-31
SUPERSTRUCTURE DETAILS _____ BR-29-34

11/06/24

STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS
67-SR52-17.65

OVER
MEANS CREEK
BR. NO. 67SR0520001
OVERTON COUNTY
2025

DESIGNED BY _____ DATE _____
 DRAWN BY Z.HAYNES DATE 7/23
 SUPERVISED BY K. MARTINKO DATE 7/23
 CHECKED BY _____ DATE _____

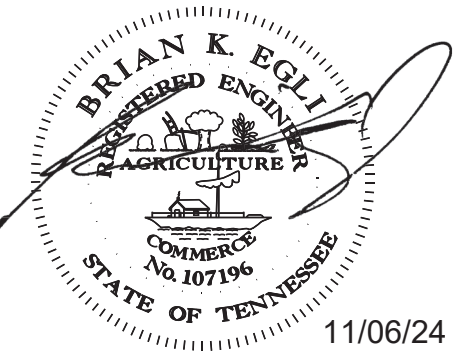
B1

[illegible]

PIN 132865.00

PROJECT NO.		YEAR	SHEET NO.
67S052-M3-006		2025	B2
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	617-04.01 TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE) S.Y.
67-SR52-17.65 OVER MEANS CREEK (67SR0520001)	BR-29-31 BR-29-34	TYPE I THIN EPOXY OVERLAY (EPOXY-URETHANE)	170
TOTAL			170



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE TABULATION AND
ESTIMATED QUANTITIES
67-SR52-17.65
OVER
MEANS CREEK
BR. NO. 67SR0520001
OVERTON COUNTY
2025

DESIGNED BY	_____	DATE	_____
DRAWN BY	Z.HAYNES	DATE	7/23
SUPERVISED BY	K. MARTINKO	DATE	7/23
CHECKED BY	_____	DATE	_____

PIN 132865.00

[illegible]

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:

<u>SIEVE SIZE</u>	<u>% PASSING</u>
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. THE CONTRACTOR IS TO PREVENT THE TRACKING OF TACK COAT 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 TACK COAT OR DEBRIS REMOVAL. REMOVAL SHALL BE AT THE CONTRACTOR'S EXPENSE.

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 WITH THE ENGINEER, MAY SUSPEND AN 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.

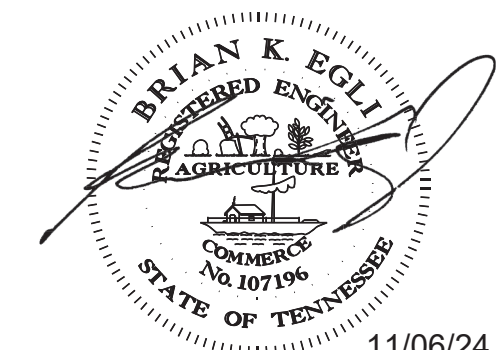
ALL COSTS FOR AGGREGATE, EPOXY FOR MINIMUM OF TWO LIFTS, SURFACE PREPARATION, LABOR AND ANY OTHER MISCELLANEOUS MATERIALS REQUIRED TO PLACE THIN OVERLAY SHALL BE INCLUDED IN ITEM NO. 617-04.01, TYPE 1 THIN EPOXY OVERLAY (EPOXY URETHANE), SY.

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. THIN AREAS SHALL BE RE-COATED AS DESCRIBED ABOVE BY THE CONTRACTOR AND RE-VERIFIED AT NO ADDITIONAL COST TO TDOT. THIS VERIFICATION SHALL CONSIST OF CORES MADE BY THE CONTRACTOR WITH A CORING BIT NOT LESS THAN 1-1/2" DIAMETER. THE TESTED AREAS SHALL BE REPAIRED BY THE CONTRACTOR BEFORE FINAL ACCEPTANCE BY THE PROJECT ENGINEER.

DESIGNED BY _____ DATE _____
 DRAWN BY Z.HAYNES DATE 7/23
 SUPERVISED BY K. MARTINKO DATE 7/23
 CHECKED BY _____ DATE _____

** 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.



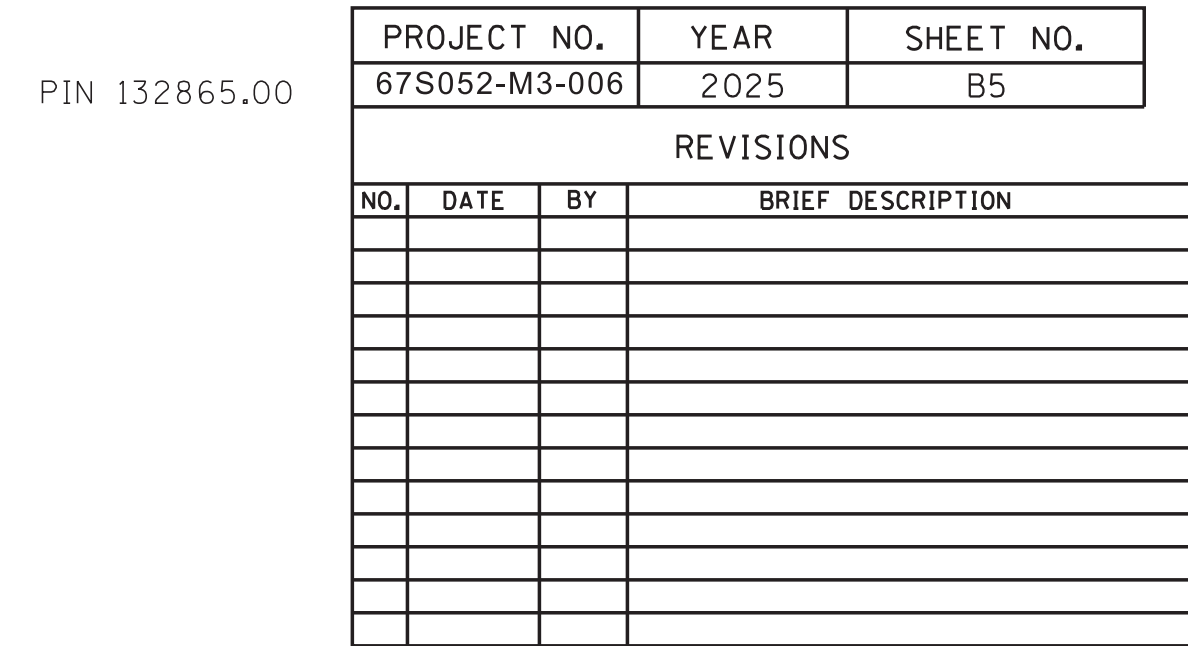
11/06/24

STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION
TYPE I THIN EPOXY
OVERLAY NOTES
67-SR52-17.65
OVER
MEANS CREEK
BR. NO. 67SR0520001
OVERTON COUNTY
2025

[illegible]

DESIGNED BY _____ DATE _____
DRAWN BY Z.HAYNES DATE 7/23
SUPERVISED BY K. MARTINKO DATE 7/23
CHECKED BY _____ DATE _____



PHASE I CONSTRUCTION

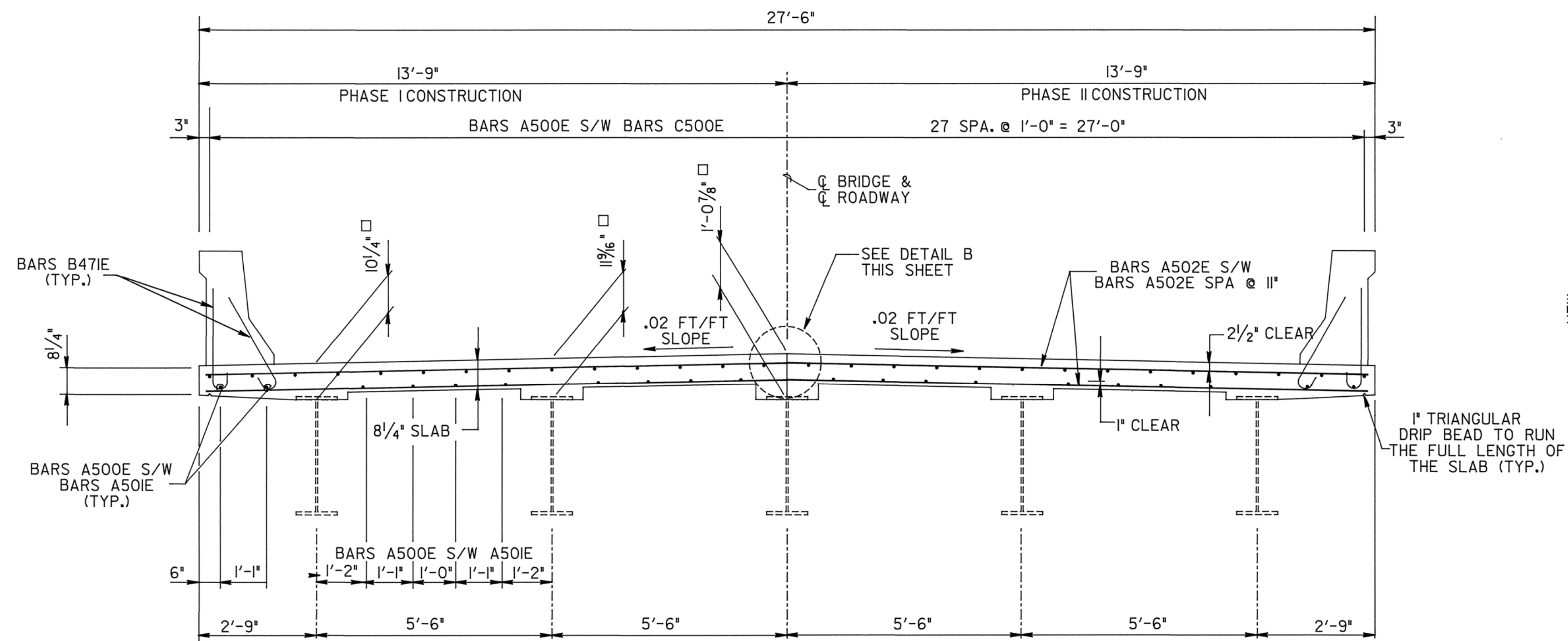
(LOOKING AHEAD ON SURVEY)



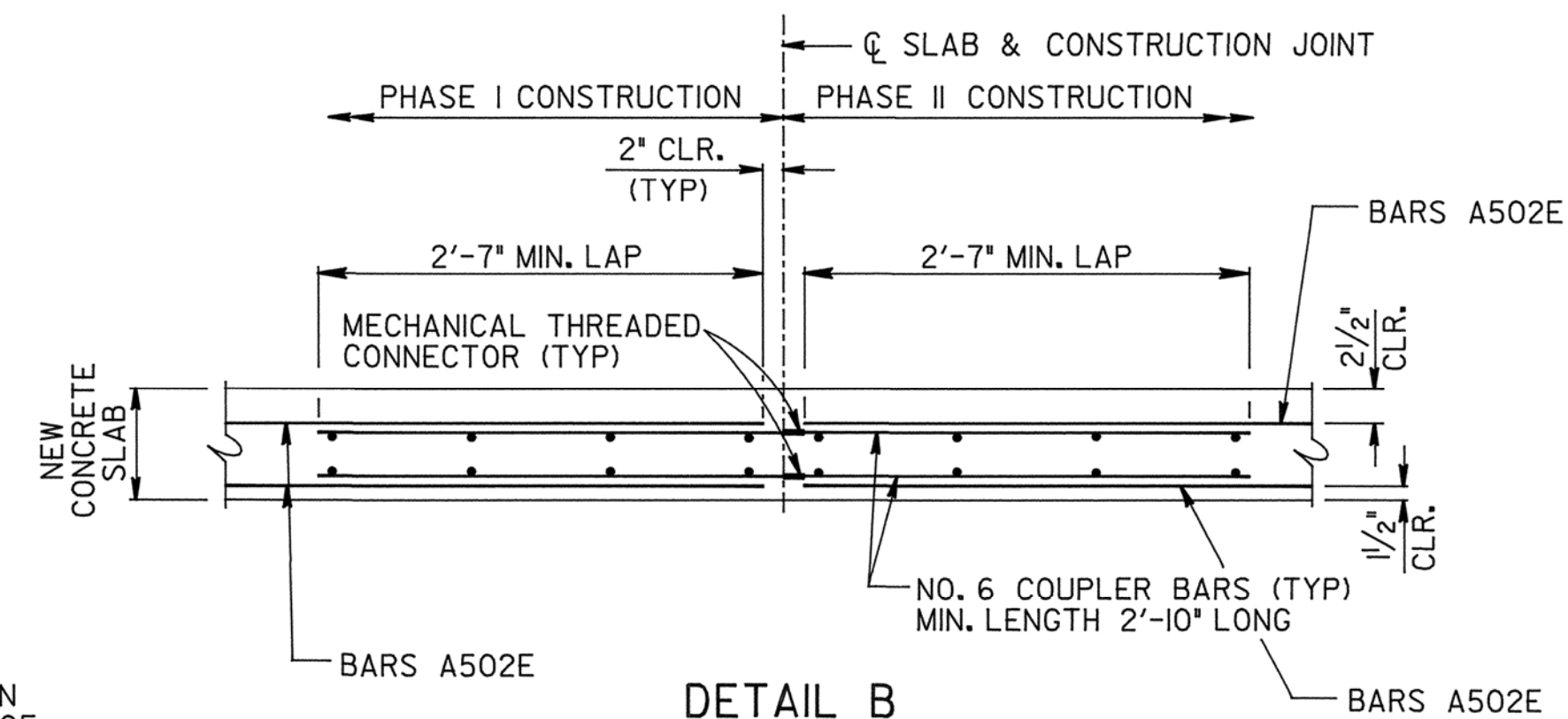
PHASE II CONSTRUCTION

(LOOKING AHEAD ON SURVEY)

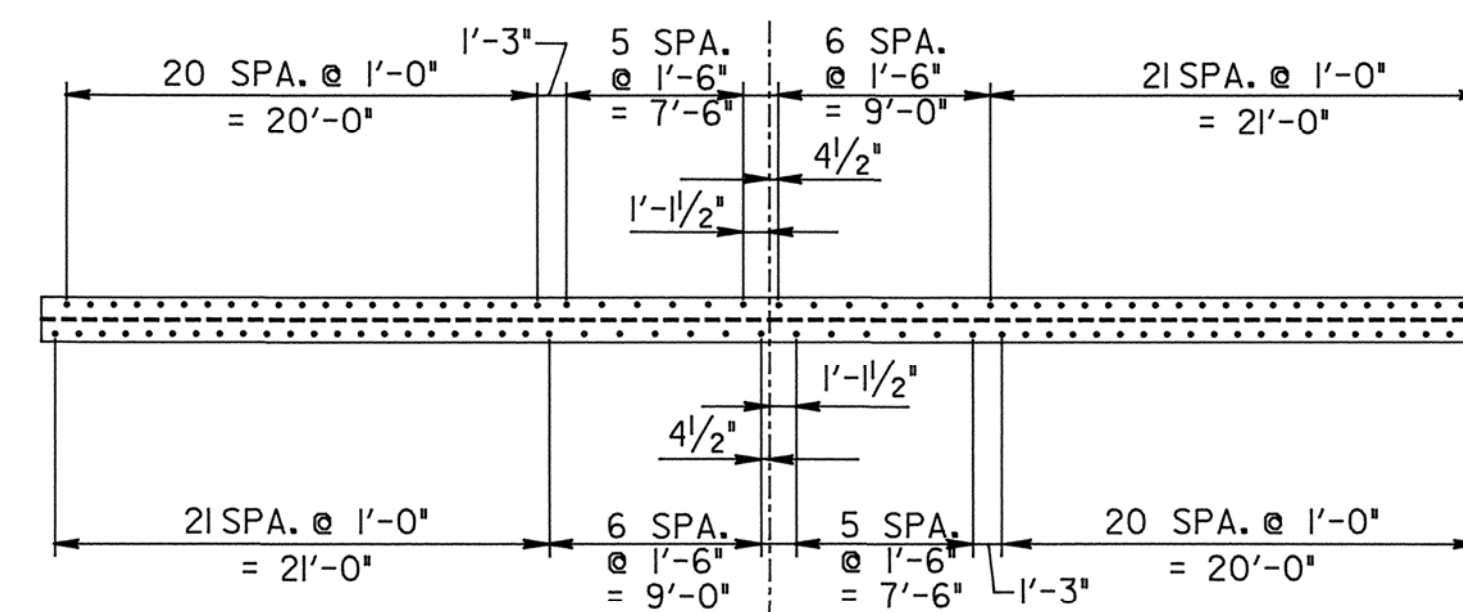
11/06/24



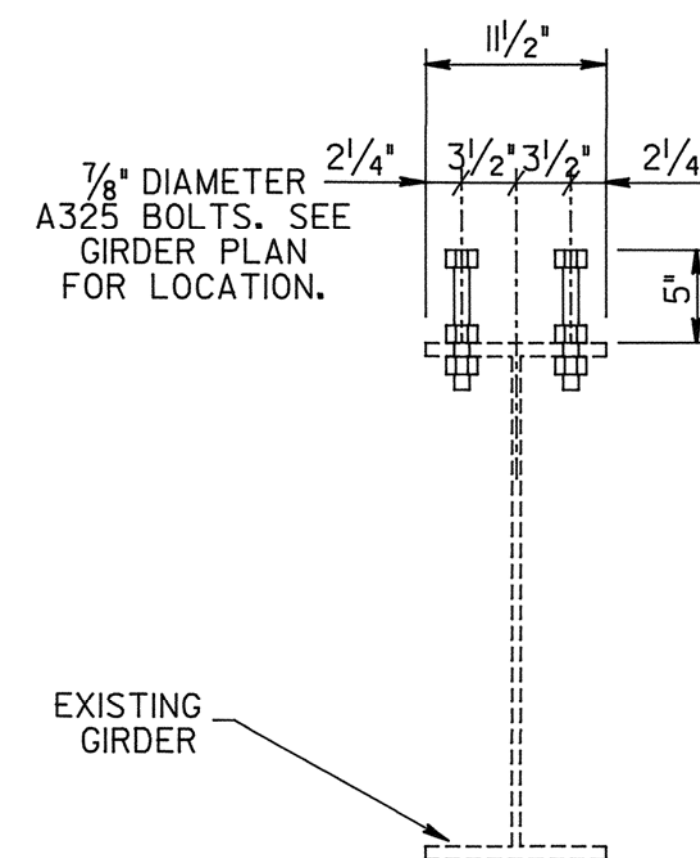
TYPICAL CROSS SECTION
(LOOKING FORWARD ON SURVEY)
SHOWING REINFORCING STEEL IN SLAB



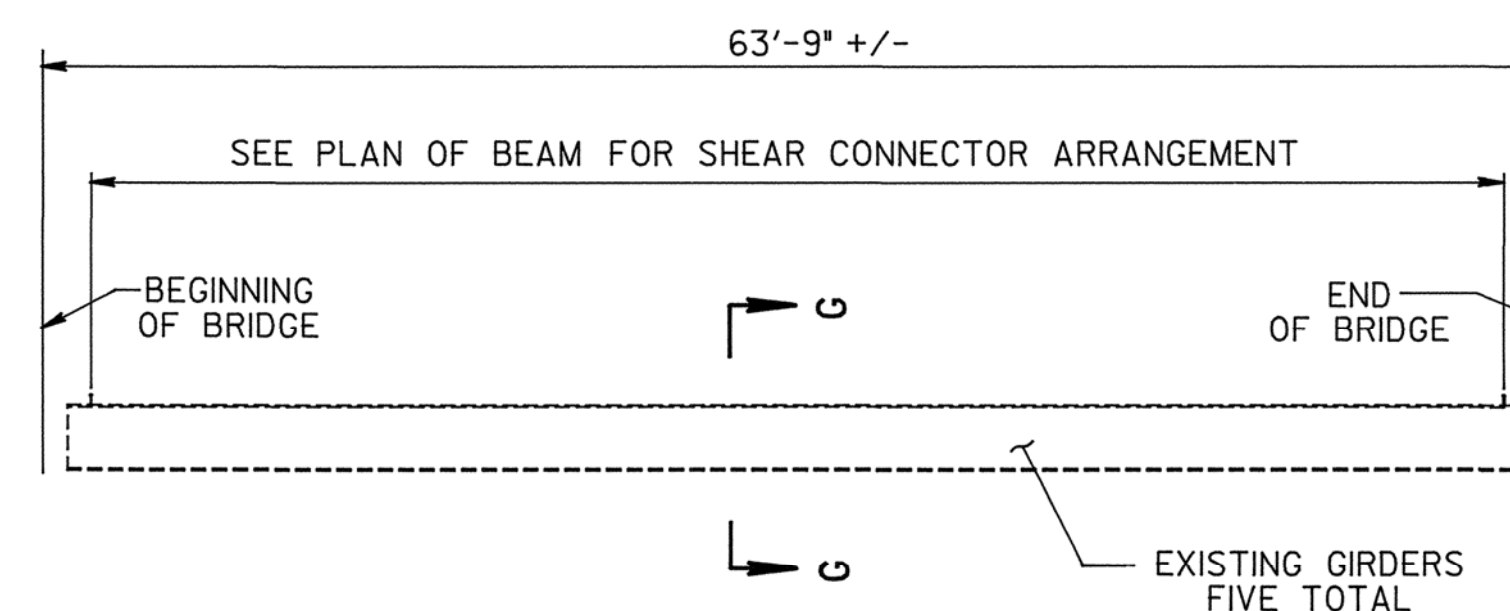
DETAIL B



GIRDER PLAN
SHOWING SHEAR CONNECTOR LOCATION
TOTAL OF 110 - 7/8" DIA. X 5" EMBEDMENT A325 BOLTS PER GIRDER

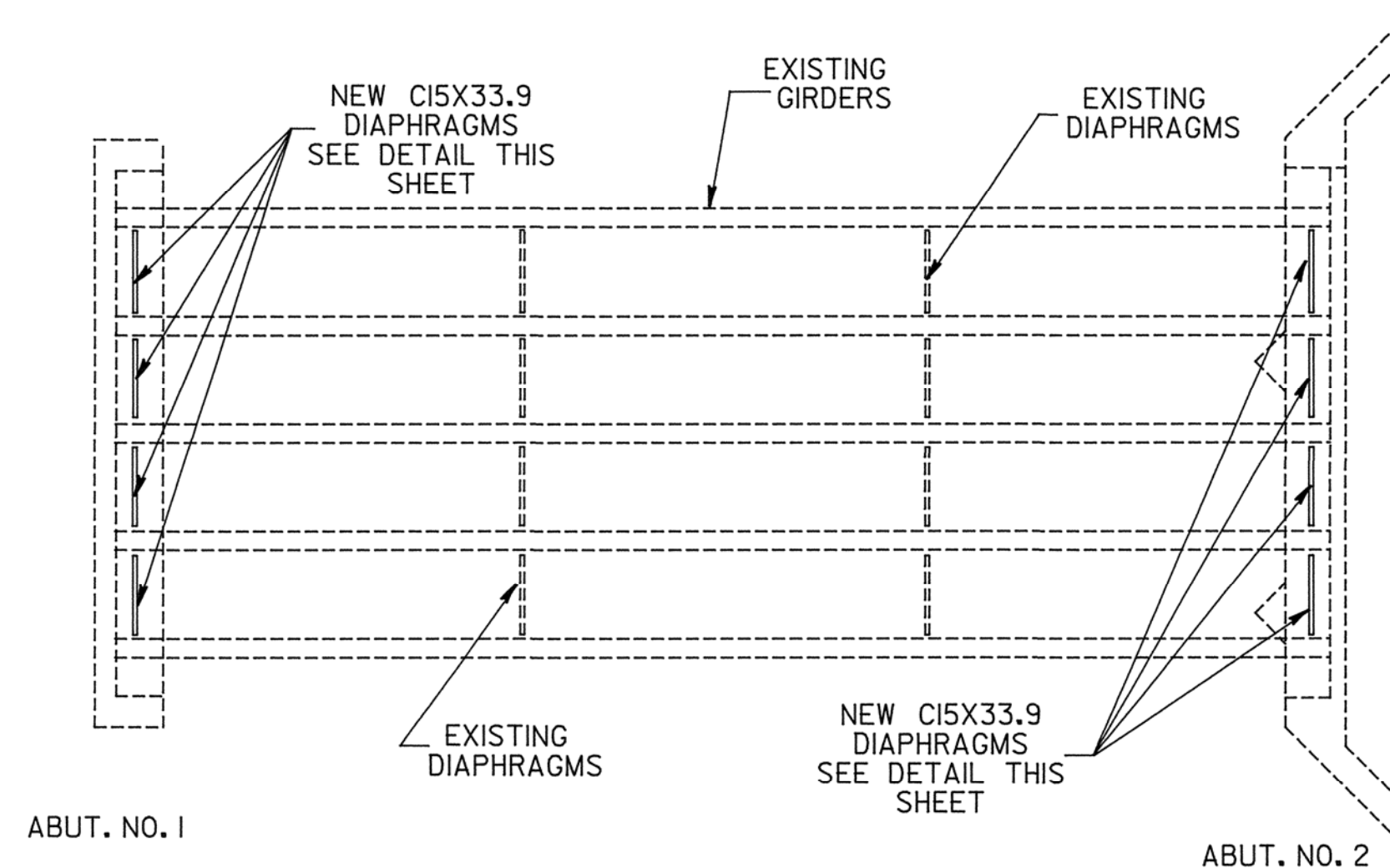


SECTION G-G
SHOWING SHEAR CONNECTOR ARRANGEMENT

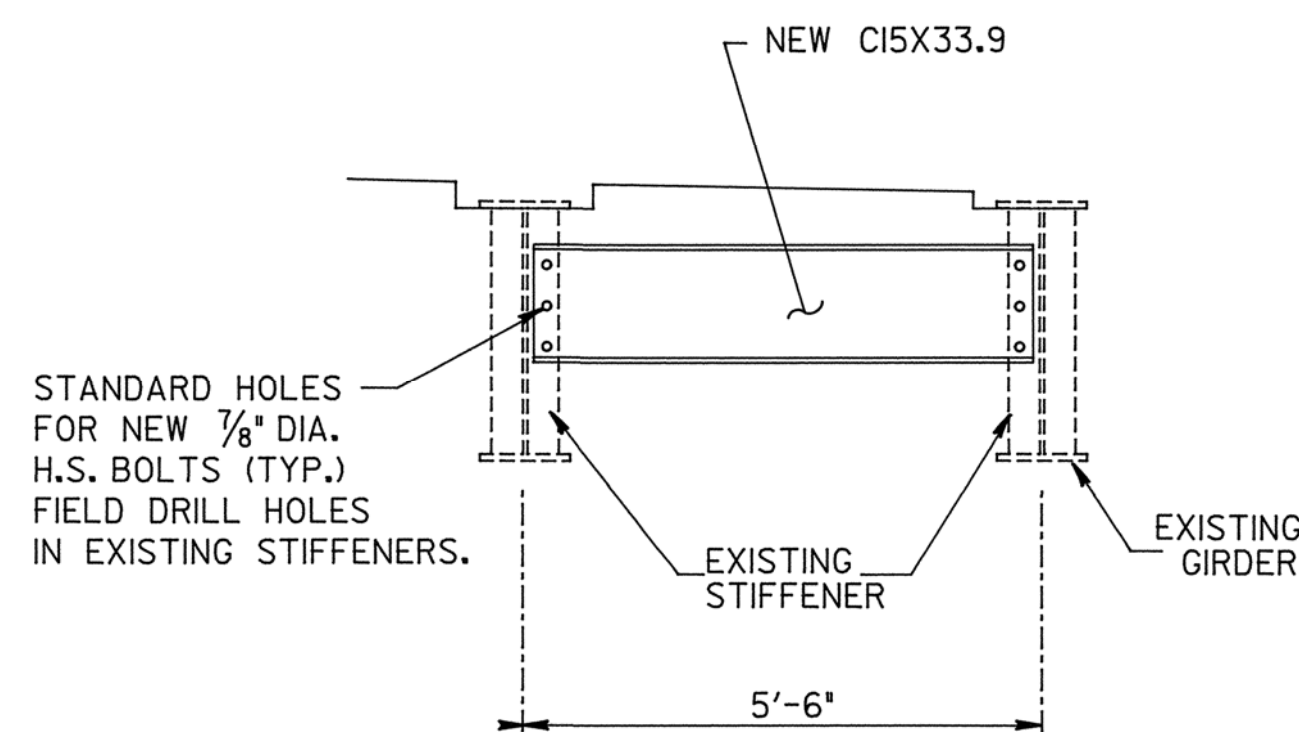


GIRDER ELEVATION
SHOWING SHEAR CONNECTORS LOCATION
TOTAL OF 110 - 7/8" DIA. X 5" EMBEDMENT A325 BOLTS PER GIRDER

NOTE: COST OF NEW C15X33.9, 7/8" DIA. H.S. BOLTS, SHEAR CONNECTORS AND ALL LABOR AND MATERIALS REQUIRED FOR INSTALLATION SHALL BE INCLUDED IN ITEM NO. 602-10.01, STRUCTURAL STEEL REPAIRS, L.S.



FRAMING PLAN
SHOWING NEW STEEL END DIAPHRAGMS



END DIAPHRAGM DETAIL
(SEE FRAMING PLAN THIS SHEET FOR LOCATION)
CONTRACTOR TO FIELD MEASURE FOR LENGTHS OF NEW MEMBERS AND LOCATIONS OF HOLES



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

SUPERSTRUCTURE DETAILS

STATE ROUTE 52
OVER
MEANS CREEK
BRIDGE NO. 67-SR52-17.62
OVERTON COUNTY
1997

DESIGNED BY JCP
DRAWN BY CADD
SUPERVISED BY SSP
CHECKED BY SSP
DATE 8-97
DATE
DATE
DATE