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TENNESSEE DEPARTMENT OF TRANSPORTATION
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KNOXVILE, TN 37914
STACY WEAVER, P.E. NO. 111922

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

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YEAR	PROJECT NO.	SHEET NO.
2026	BR-STP-33(126)	ROADWAY-SIGN2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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ROADWAY INDEX

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

STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS

DWG.	REV.	DESCRIPTION
RD-TP-1	09-16-16	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	01-30-26	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
RD-L-2	02-20-20	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-5	07-30-24	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-8	02-20-20	STANDARD LEGEND FOR NATURAL STREAM DESIGN

STANDARD ROADWAY DRAWINGS

STANDARDS ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-TS-1		DESIGN STANDARDS FOR LOW VOLUME ROADS
RD11-TS-3		DESIGN STANDARD FOR ARTERIAL HIGHWAYS (2-LANE)
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS
RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD11-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD11-SD-2		INTERSECTION SIGHT DISTANCE LANDSCAPE AND OBSTRUCTION
RD11-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS

PIPE CULVERTS, ENDWALLS, AND ENERGY DISSIPATERS

DWG.	REV.	DESCRIPTION
D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	03-01-23	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION
D-PB-3	11-30-20	INDUCED TRENCH SOIL EMBANKMENT FOR PIPE CULVERT INSTALLATION
D-PE-18A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-18B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-24A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-24B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-48A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 48" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-48B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 48" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-99	03-04-21	TYPE "U" CROSS DRAIN ENDWALL DETAILS, PIPE GRATE & SKEWED CONNECTION
D-SEW-1A	01-30-26	TYPE "SAFETY" SIDE ENDWALL WITH STEEL PIPE GRATE, FOR 15" THRU 48" PIPES, 6:1 SLOPE
D-PE-4	06-28-19	STRAIGHT CONCRETE ENDWALLS (PIPE SIZES 18" TO 30")
D-PEW-1		PROTECTED ENDWALLS FOR ROUND & OVAL PIPES (PIPE SIZES 18” TO 72”, ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PEW-2		PROTECTED ENDWALLS FOR ROUND PIPES DETAILS & QUANTITIES (PIPE SIZES 18” TO 72”, ALL SKEWS, 2:1 & 3:1 SLOPES)

ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

DWG.	REV.	DESCRIPTION
RP-R-1	04-21-25	STANDARD RAMP DETAILS FOR ROADWAYS AND DRIVEWAYS
RP-R-1A	04-21-25	STANDARD RAMP DETAILS FOR LOW VOLUME RURAL ROADWAYS
S-F-1	03-01-23	HIGH VISIBILITY FENCE

SAFETY DESIGN AND GUARDRAILS

DWG.	REV.	DESCRIPTION
S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
S-PL-1	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED
S-PL-1A	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED (FOR RIGID OBJECTS)
S-PL-1B	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED ON CURVED ROADWAYS
S-PL-3	03-01-23	SAFETY PLAN MINIMUM INSTALLATION AT BRIDGE ENDS
S-PL-6	04-30-26	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
S-PL-7	04-30-26	SAFETY PLAN HARDWARE PLACEMENT AT INTERSECTIONS
S-GR31-1	10-31-25	GUARDRAIL DETAILS
S-GR31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
S-GR31-1B		GUARDRAIL FASTENING HARDWARE
S-GR31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS
S-GRC-4	10-31-25	GUARDRAIL CONNECTION TO BRIDGE RAILING CONCRETE PARAPET
S-CPW-1		CURVED PARAPET WALL ≤ 40 M.P.H.
S-GRS-2	01-28-22	SPECIAL CASE GUARDRAIL ATTACHMENT TO CONCRETE DECKS
S-GRS-5		SPECIAL CASE WEAK-POST GUARDRAIL ATTACHMENT TO CULVERT
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRT-3	06-28-19	TYPE 21 GUARDRAIL END TERMINAL
S-GRA-4	03-01-23	IN-LINE GUARDRAIL ANCHOR TO PRIVATE DRIVE

EROSION PREVENTION AND SEDIMENT CONTROL

DWG.	REV.	DESCRIPTION
EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-27	08-01-12	TEMPORARY SLOPE DRAIN AND BERM
EC-STR-34	05-04-22	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-6	11-30-20	ROCK CHECK DAM
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-11	03-16-17	CULVERT PROTECTION TYPE 1
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-30		INSTREAM DIVERSION (WITHOUT TRAFFIC)
EC-STR-30A		INSTREAM DIVERSION (WITH TRAFFIC)
EC-STR-31	05-04-22	TEMPORARY DIVERSION CHANNEL

NATURAL STREAM DESIGN

DWG.	REV.	DESCRIPTION
D-NSD-30	05-01-20	SUBSTRATE RESTORATION
D-NSD-33	05-01-20	COIR FIBER EROSION CONTROL BLANKET AND COIR FIBER ROLLS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-STP-33(126)	1A

REV. 08/31/26 : ADDED ROADWAY-SIGN2

SEALED BY

STACY L. WEAVER
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
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9/3/26

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS

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ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 13004-3216-94
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
	202-01.13	REMOVAL OF PIPE (EX. 18" CMP, STA. 98+93.54 TO 101+20.00)	L.F.	54
	202-01.14	REMOVAL OF PIPE (EX. 24" CMP, STA. 20+21.05)	L.F.	20
	202-04.01	REMOVAL OF STRUCTURES (CB1, STA. 100+19)	LS	1
(34)	202-06.01	REMOVAL OF BUILDINGS (TRACT NO. 4)	LS	1
(34)	202-06.02	REMOVAL OF BUILDINGS (TRACT NO. 6, 6A)	LS	1
(34)	202-06.03	REMOVAL OF BUILDINGS (TRACT NO. 8, 9)	LS	1
(8)(9)(32)	203-01.07	RD & DRNG EXCV (ACID PRODUCING- OFF SITE DISPOSAL)	C.Y.	2602
(1)	203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	678
	203-06	WATER	M.G.	2
(30)	203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	283
(12)	203-20.01	CHANNEL SUBSTRATE	C.Y.	25
(20)	204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	47
(27)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	0.2
(1)(2)	209-05	SEDIMENT REMOVAL	C.Y.	54
(1)(2)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	592
(1)(2)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	4
(1)(2)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	2
(3)(21)	209-65.04	TEMPORARY IN STREAM DIVERSION	L.F.	118
(25)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	1067
(1)(2)(24)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	81
(33)	303-10.04	MINERAL AGGREGATE (SIZE 57)	TON	329
	307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	36
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	48
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	18
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	120
	411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.	0.2
(11)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	102
(6)	607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	L.F.	90
(6)	607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	163
	611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	EACH	8
	611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	EACH	4
	705-01.04	METAL BEAM GUARD FENCE	L.F.	70
	705-06.01	W BEAM GR (TYPE 2) MASH TL3	L.F.	244
	705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	1
	705-06.26	THRIE BEAM BRIDGE TRANSITION MASH TL-2	EACH	1
	706-06.03	RADIUS RAIL	L.F.	32
	705-06.11	GR TERMINAL (IN-INLINE) MASH TL3	EACH	1
	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	2
	705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL2	EACH	1
	706-01	GUARDRAIL REMOVED	L.F.	401
	706-10.26	ROUNDED END ELEMENT	EACH	25
(1)(2)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	660
(2)(7)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100
(2)(16)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	808
(15)	709-05.08	MACHINED RIP-RAP (CLASS B)	TON	443
	712-01	TRAFFIC CONTROL	LS	1
	712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	L.F.	330
(13)	712-02.12	PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)	L.F.	120
(26)	712-02.60	TEMPORARY CRASH CUSHION (MASH TL-3)	EACH	6
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	52
	712-04.50	BARRIER RAIL DELINEATOR	EACH	10
(3)	712-06	SIGNS (CONSTRUCTION)	S.F.	761
(18)	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	24
	712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	24
	712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	L.F.	1036

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 13004-3216-94
	712-09.31	REMOVABLE BLACK-OUT TAPE (8IN)	L.F.	1036
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	99
	713-11.21	P POST SLIP BASE	EACH	2
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	3
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	18
	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	4
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	6
(22)	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	6
(5)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	15
(23)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	0.6
	716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	L.F.	1250
(19)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	0.6
	717-01	MOBILIZATION	LS	1
(31)	730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	LS	1
	740-07.04	GEOGRID REINFORCEMENT TYPE 2	S.Y.	436
(1)(2)(24)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	1339
	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	218
(28)	801-01	SEEDING (WITH MULCH)	UNIT	1
(2)(28)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	31
(28)(29)	801-02	SEEDING (WITHOUT MULCH)	UNIT	31
(1)(2)(4)	801-03	WATER (SEEDING & SODDING)	M.G.	3
(1)(2)	805-12.03	EROSION CONTROL BLANKET (TYPE III)	S.Y.	1696

SEE SHEET 2-1 FOR FOOTNOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	BR-STP-33(126)	2
PS&E	2026	BR-STP-33(126)	2

REV. 08/31/26 : ADDED ITEM NO. 202-06.01, 202-06.02, AND 202-06.03

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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FOOTNOTES

(1) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
(2) ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
(3) TO BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER.
(4) INCLUDES 3 THOUSAND GALLONS FOR EROSION PREVENT AND SEDIMENT CONTROL.
(5) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC.
(6) THE BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE CULVERT. SEE STANDARD DRAWING NO. D-PB-1 AND D-PB-2 FOR ADDITIONAL DETAILS.
(7) CLASS A-3 RIP-RAP TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
(8) INCLUDES 197 C.Y. FOR EROSION PREVENTION AND SEDIMENT CONTROL, 120 C.Y. FOR BRIDGE ABUTMENT. INCLUDES 914 CY FOR STR-2; SEE NATURAL STREAM DESIGN PLANS, NS-1 SERIES, FOR INFORMATION.
(9) SEE SPECIAL GRADING SPECIAL NOTES ON SHEET 2D
(10) NOT USED
(11) FOR COLD PLANING EXISTING TRAVEL LANES.
(12) TO BE USED FOR EMBEDDMENT AT 48" CULVERT PIPE ON PINEY CREEK RD.
(13) THIS ITEM SHALL MEET MASH TEST LEVEL 3 PERFORMANCE REQUIREMENTS. WHERE PERMANENT DEFLECTION BETWEEN THE BARRIER AND WORK SPACE IS NOT AVAILABLE, A BOX BEAM STIFFENER TUBE OR DROP ANCHOR PINS SHALL BE USED TO REDUCE DEFLECTION. PAYMENT FOR THE CONNECTION KEY, JOINT ASSEMBLY STEEL TUBE, PLATE ANCHOR PINS, AND ALL OTHER REQUIRED HARDWARE WILL BE INCLUDED IN THE UNIT PRICE.
(14) NOT USED
(15) TO BE USED AT BRIDGE ABUTMENT.
(16) INCLUDE 188 TON FOR SPECIAL DITCH AND 620 TON FOR INLET PROTECTION TYPE 1.
(17) NOT USED
(18) TO BE USED AS DIRECTED BY THE ENGINEER.
(19) CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.
(20) TO BE USED TO FILL ABANDONED 18" RCP CROSS DRAIN PIPE AT APPROX. STA. 104+62.
(21) INCLUDES ALL MATERIALS AND LABOR NECESSARY FOR CONSTRUCTION AND MAINTENANCE, I.E. SANDBAGS, JERSEY BARRIER, RIPRAP, SHEET PILING AND/OR OTHER MATERIALS.
(22) ANY DAMAGE OCCURRED DURING REMOVAL SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATIFACTION OF THE TDOT MANAGER.
(23) TO BE USED FOR TEMPORARY TRAFFIC CONTROL AND TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS.
(24) TO BE USED AT LOCATION OF SEDIMENT FILTER BAGS.
(25) THE QUANTITY OF 65 TON TO BE USED FOR DRIVEWAY AND 148 TON FOR BRIDGE ABUTMENT.
(26) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF AASHTO MASH FOR TEST LEVEL 3. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.
(27) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET 2C, FINAL PAVEMENT MARKING, NOTE 6 FOR MORE INFORMATION.
(28) THE COST OF FERTILIZER AND LIME USED IN INITIAL SEED BED PREPARATION IS TO BE INCLUDED IN THE COST OF SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
(29) INCLUDE 4 UNITS FOR SPECIAL DITCHES.
(30) INCLUDE 176 C.Y FOR S.R 33 AND 27 C.Y FOR PINEY GROVE RD.
(31) INCLUDE RDTS TO BE USED AT PRIVATE DRIVES.
(32) NO ACID-BASE TESTING OF THE SOIL MATERIAL IS REQUIRED. ALL EXCAVATED SOIL MATERIAL IS TO BE TREATED AS ACID PRODUCING MATERIALS AND HANDLED IN ACCORDANCE WITH SPECIAL PROVISION 107L.
(33) TO BE USED FOR BACKFILL UNDER PAVEMENT AT BRIDGE ENDS
(34) BID PRICE INCLUDES ALL SALVAGE VALUE OF MATERIAL. SEE TABULATED QUANTITIES SHEET 2F1 REMOVAL OF BUILDINGS AND OBSTRUCTIONS DESCRIPTION BLOCK.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-STP-33(126)	2-1

REV. 08/31/26 : ADDED FOOTNOTE 34.

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9/3/26

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-STP-33(126)	2F1

REV. 08/31/26 : ADDED REMOVAL OF BUILDING AND OBSTRUCTIONS DESCRIPTION BLOCK

SIDE DRAIN ENDWALLS

	LOCATION	DRIVE OR ENTRANCE STATION	OFFSET (FT.)	TYPE	STANDARD DRAWING NO.	SKEW	RIP-RAP CLASS xx 709-05.xx (TON)	CLASS A CONC. 611-07.01 (C.Y.)	STEEL BAR REINF. 611-07.02 (LB.)	ENDWALLS								
										15 IN. 6:1 611-07.30 (EACH)	18 IN. 6:1 611-07.31 (EACH)	24 IN. 6:1 611-07.32 (EACH)	30" IN. 6:1 611-07.33 (EACH)	36" IN. 6:1 611-07.34 (EACH)	42" IN. 6:1 611-07.35 (EACH)	48" IN. 6:1 611-07.36 (EACH)	15" IN. 12:1 611-07.72 (EACH)	18" IN. 12:1 611-07.73 (EACH)
(1)	S.R. 33	98+93.54	-17.26	6U	D-SEW-1A	82°					1							
	TOTALS										1							

(1) TIE TO EXISTING 18" CMP (STA. 98+93.54)

REMOVAL OF BUILDINGS AND OBSTRUCTIONS DESCRIPTION BLOCK

PAY ITEM	TRACT NO.	DESCRIPTION
202-06.01	4	85 LF BARBED WIRE FENCING, 149 LF FENCING AND 2 GATES
202-06.02	6, 6A	270 LF BARBED WIRE FENCING, 245 LF ELECTRIFIED BARBED WIRE, FARM GATE, 485 LF OF FENCING
202-06.03	8, 9	138 LF BARBED WIRE FENCING, 310 LF FENCING

SEALED BY

STACY L. WEAVER
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 111993
STATE OF TENNESSEE

9/3/26

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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\\tdot01nas002.tdot.state.tn.us\01Shared\SURVDES\Design\PROJECTS\Claiborne Co SR 33 Bridge PIN 124242.00\002F1.sht



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Joseph Andrew Laine

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TENNESSEE DEPARTMENT OF TRANSPORTATION
W.R.S. TENNESSEE TOWER, 2ND FLOOR
312 ROSA PARKS AVENUE
NASHVILLE, TN 37243
JAMES RIDGE RAMSEY, P.E. NO. 128648

8/31/26

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET	BRIDGE-SIGN2
INDEX OF DRAWINGS	U-101-130
ESTIMATED QUANTITIES	U-101-133

YEAR	PROJECT NO.	SHEET NO.
2026	BR-STP-33(126)	BRIDGE-SIGN2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

$$$$$SYTIME$$$$$$$

CONST. NO.: 13004-3216-94

PROJECT NO.	YEAR	SHEET NO.
BR-STP-33(126)	2026	B-1

REVISIONS

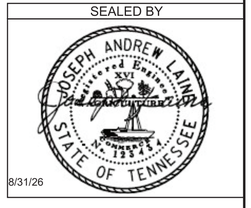
NO.	DATE	BY	BRIEF DESCRIPTION
1	8-31-2026	RR	REVISED INDEX
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1 LIST OF DRAWINGS

LIST OF DRAWINGS	DWG. NO.	LAST REV. DATE
SIGNATURE SHEET	BRIDGE-SIGN1	
SIGNTATURE SHEET	BRIDGE-SIGN2	8-31-2026
INDEX OF DRAWINGS	U-101-130	8-31-2026
LAYOUT OF BRIDGE	U-101-131	
GENERAL NOTES	U-101-132	
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FOUNDATION DATA	U-101-134	
FOUNDATION DATA	U-101-135	
SUPERSTRUCTURE	U-101-136	
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SUPERSTRUCTURE DETAILS	U-101-138	
SUPERSTRUCTURE DETAILS	U-101-139	
PHASE CONSTRUCTION DETAIL	U-101-140	
PRESTRESSED BOX BEAM DETAILS	U-101-141	
ABUTMENT NO. 1	U-101-142	
ABUTMENT NO. 1 DETAILS	U-101-143	
ABUTMENT NO. 1 DETAILS	U-101-144	
ABUTMENT NO. 1 DETAILS	U-101-144A	
ABUTMENT NO. 2	U-101-145	
ABUTMENT NO. 2 DETAILS	U-101-146	
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LIST OF STANDARD DRAWINGS	DWG. NO.	LAST REV. DATE
REINFORCED CONCRETE PAVEMENT AT BRIDGE ENDS	STD-1-5	05-28-2026
STANDARD PILE DETAILS	STD-5-1	
STANDARD SEISMIC DETAILS	STD-6-1	12-08-2023
STANDARD CONCRETE RAIL	STD-7-1	04-15-2020
STANDARD REINFORCING BAR SUPPORT DETAILS FOR CONCRETE SLABS	STD-9-1	10-07-2008
MISC. ABUTMENT AND DRAINAGE DETAILS	STD-10-1	06-05-2023
MISC. ABUTMENT AND PAVEMENT AT BRIDGE ENDS DETAILS	STD-10-2	06-05-2023
STANDARD DETAILS FOR PRESTRESSED BOX BEAMS	STD-14-3	03-06-2024
SPECIAL CASE GUARDRAIL ATTACHMENT TO CONCRETE DECKS	S-GRS-2	01-28-2022
20 FOOT PORTABLE CONCRETE BARRIER RAIL	T-WZ-PCB2	03-26-2025
20 FOOT PORTABLE CONCRETE BARRIER RAIL STIFFENER TUBE	T-WZ-PCB2A	03-26-2025

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PIN NO.: 124242.00
DESIGN BY: ABDISALAN DAHIR DATE: 02/2025
DRAWN BY: P. MOSHER DATE: 06/2025
SUPERVISED BY: DRE/JBS DATE: 08/2025
CHECKED BY: A. BENNETT DATE: 02/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS
STATE ROUTE 33 OVER
SOUTH FORK SYCAMORE CREEK
BRIDGE ID NO. 13SR0330009
LOG MILE 20.56
STATION 102+97.67
CLAIBORNE COUNTY

U-101-130

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CONST. NO.: 13004-3216-94

PROJECT NO.	YEAR	SHEET NO.
BR-STP-33(126)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	8-31-2026	RR	REMOVED EXCAVATION QUANTITY
	- -		
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	- -		
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ESTIMATED QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	TOTAL	SUPERSTRUCTURE	ABUTMENT NO. 1	RADIAL RAIL (ABUTMENT NO. 1)	ABUTMENT NO. 2
(2)	202-04.01	REMOVAL OF STRUCTURES (EXIST. BRIDGE NO. 13SR0330009)	L.S.	1				
	204-14	CORE DRILLING FOR PILE (ROCK)	L.F.	130		56		74
	204-15	CORE DRILLING FOR PILE (SOIL)	L.F.	146		100		46
(8)	303-01.02	GRANULAR BACKFILL (BRIDGES)	TONS	82		41		41
(7)	604-02.03	EPOXY COATED REINFORCING STEEL	LB.	19,249	14,666	1,950	493	2,140
	604-03.01	CLASS A CONCRETE (BRIDGES)	C.Y.	69		29	3	37
(7)	604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	LB.	8,858		4,491		4,367
(1)	604-03.04	PAVEMENT @ BRIDGE ENDS	S.Y.	260		132		128
	604-03.09	CLASS D CONCRETE (BRIDGE DECK)	C.Y.	110	94	13		3
	604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	S.Y.	337	287	26		24
	604-04.41	THREE STAR STATE EMBLEM	EA.	1			1	
(9)	606-02.03	STEEL PILES (10 INCH)	L.F.	276		156		120
(5)	615-02.04	PRESTRESSED CONCRETE BOX BEAM (27" X 36")	L.F.	469				
	620-06	CONCRETE RAILING	L.F.	199				
(10)	621-05.02	TEMPORARY SHORING	L.S.	1				
(6)	710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	L.F.	131		66		65
	710-09.02	6" PIPE UNDERDRAIN	L.F.	50		26		24

FOOTNOTES

(1) **NOTE:** PRIOR TO CONSTRUCTION OF THE PAVEMENT AT BRIDGE ENDS, THE CONTRACTOR SHALL SUBMIT A PROPOSED BILL OF STEEL TO THE ENGINEER FOR APPROVAL.

(2) **NOTE:** LUMP SUM TO INCLUDE REMOVAL OF EXISTING BRIDGE LOC. NO. 13-SR033-20.56 AND APPROACHES TO NATURAL GROUND BETWEEN STATIONS 102+60 AND 103+32. EXISTING BRIDGE CONSISTS OF 3 SPANS CONCRETE BRIDGE WITH PIER WALLS AND CONCRETE ABUTMENTS. EXISTING BRIDGE LENGTH IS 58 FT AND EXISTING BRIDGE WIDTH OUT-TO-OUT IS 26.2 FT.

(3) **NOTE:** EXCAVATION INCLUDED IN ROADWAY QUANTITIES.

(4) **NOTE:** THE COST OF BITUMINOUS-FIBERBOARD AND ALL MISCELLANEOUS JOINT MATERIAL TO BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.

(5) **NOTE:** COST OF ELASTOMERIC PADS AND RUBBER BONDING CEMENT TO BE INCLUDED IN THE UNIT PRICE BID FOR THE PRESTRESSED BEAM.

(6) **NOTE:** COST OF POLYETHYLENE SHEETING AND ALL MISCELLANEOUS ITEMS NECESSARY FOR INSTALLATION TO BE INCLUDED IN THE UNIT PRICE BID FOR PERFORATED PIPE.

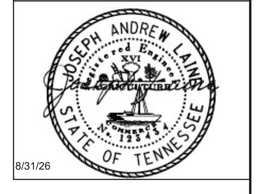
(7) **NOTE:** MECHANICAL BAR SPLICERS MUST BE ON THE TDOT QUALIFIED PRODUCTS LIST 27. THE BAR SPLICERS SHALL MEET AASHTO LRFD SPECIFICATIONS FOR MECHANICAL CONNECTION. WHEN EPOXY COATING IS REQUIRED, THE EXPOSED THREADS SHALL BE REPAIRED AFTER SPLICING ACCORDING TO SECTION 907 OF THE STANDARD SPECIFICATIONS. THE COST OF FURNISHING THE BAR SPLICERS, (AND EPOXY COATING WHEN REQUIRED) INCLUDING ALL LABOR AND MATERIALS NECESSARY FOR COMPLETE INSTALLATION, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM NO. 604-02.03 AND ITEM NO. 604-03.02.

(8) **NOTE:** GRANULAR BACKFILL SHALL BE TYPE "A" GRADING "D" MATERIAL. SEE STANDARD DRAWING STD-10-1.

(9) **NOTE:** THE UNIT PRICE BID FOR THE CAST STEEL POINTS SHALL INCLUDE FURNISHING AND INSTALLATION TO THE PILES.

(10) **NOTE:** TEMPORARY SHORING IS ANTICIPATED AND TO BE REQUIRED IN ORDER TO MAINTAIN TRAFFIC SHOWN IN THE TRAFFIC CONTROL PLANS AND FOR SUPPORT OF EXCAVATION ADJACENT TO EXISTING STRUCTURES, ROADWAYS OR UTILITIES. THIS ITEM SHALL INCLUDE ALL COSTS ASSOCIATED WITH ANY TEMPORARY SHORING NEEDED FOR PROJECT CONSTRUCTION INCLUDING DESIGN, SUBMITTAL, CONSTRUCTION AND REMOVAL IF NECESSARY. THE TYPE AND EXTENT OF TEMPORARY SHORING WILL BE DETERMINED BASED ON THE CONTRACTORS DESIRED MEANS AND METHODS AND SHALL CONSIDER AVAILABLE GEOTECHNICAL DATA (ROCK ELEVATIONS, WATER TABLE, ETC.), EXISTING AND PROPOSED STRUCTURES, UTILITIES, AND OTHER CONSTRAINTS AS NEEDED. NO CHANGE TO THE BID PRICE FOR THIS ITEM WILL BE MADE BASED UPON CONDITIONS THAT ARE READILY AVAILABLE FOR REVIEW DURING THE BIDDING PHASE.

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