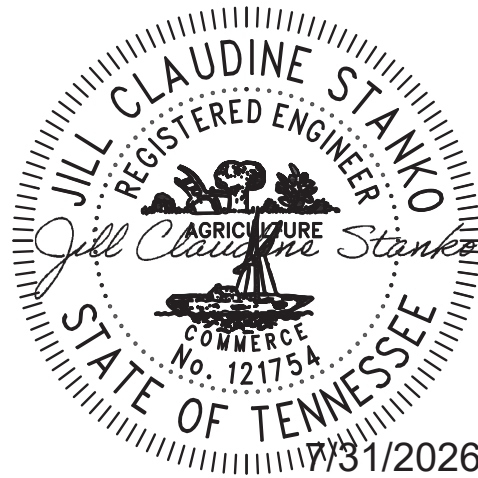




THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Jill Claudine Stanko	2026.07.31 10:49:52-05'00'
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FISHER & ARNOLD, INC.
9180 CRESTWYN HILLS DR.
MEMPHIS, TENNESSEE 38125
JILL CLAUDONE STANKO, P.E. NO. 121754

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

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

ROADWAY INDEX

SHEET NAME SHEET NO.

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SIGNATURE SHEETS.....	ROADWAY-SIGN2
SIGNATURE SHEETS.....	ROADWAY-SIGN3
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STANDARD TRAFFIC DESIGN DRAWINGS.....	1A1
PROJECT COMMITMENTS.....	1B
ESTIMATED ROADWAY QUANTITIES.....	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE.....	2B, 2B1- 2B3
GENERAL NOTES.....	2C, 2C1
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
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PROPERTY MAP(S) AND RIGHT-OF-WAY ACQUISITION TABLE(S).....	3A – 3B
PRESENT LAYOUT(S).....	4 – 7
RIGHT-OF-WAY DETAILS	4A – 7A
PROPOSED LAYOUT(S)	4B – 7B
PROPOSED PROFILE(S)	4C – 7C
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE(S).....	8
DRAINAGE MAP(S).....	9
EROSION PREVENTION AND SEDIMENT CONTROL NOTES.....	10
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GEOTECHNICAL PLANS	G-1 THRU G-20
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS.....	S-1
UTILITIES PLANS.....	U1-1, U2–1 - U2-8
NOTE: THE ALPHABETICAL LETTERS “I”, “O” & “Q” ARE NOT USED IN THE NUMBERING OF SHEETS.	

STANDARD ROADWAY DRAWINGS

DWG. REV. DESCRIPTION DWG. REV. DESCRIPTION

10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS

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

10-101.00 STANDARDS ROADWAY DRAWINGS

RD18-TS-2A	01-30-26	RURAL LOCAL ROADS AND STREETS
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

10-102.00 AQUATIC ORGANISM PASSAGE (AOP) DESIGN, PIPE CULVERTS, AND ENDWALLS

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-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-SEW-1A	01-30-26	TYPE "SAFETY" SIDE ENDWALL WITH STEEL PIPE GRATE, FOR 15" THRU 48" PIPES, 6:1 SLOPE

10-106.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

S-F-1	03-01-23	HIGH VISIBILITY FENCE
S-RP-2	06-28-19	STANDARD CONCRETE RIGHT-OF-WAY MARKERS

10-107.00 MULTIMODAL

MM-BPR-1	06-12-25	BIKE AND PEDESTRIAN SAFETY RAIL
MM-TS-3	06-30-25	SEPARATED SHARED USE PATH TYPICAL SECTIONS

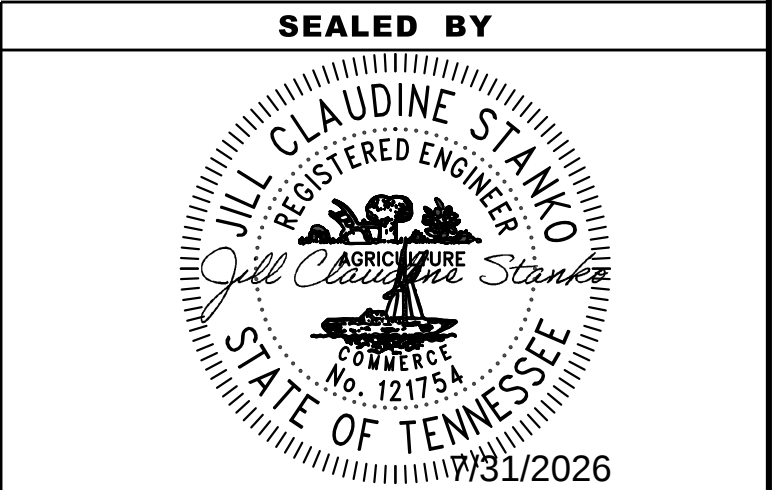
10-108.00 SAFETY DESIGN AND GUARDRAILS

S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
S-PL-1	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED
S-PL-3	03-01-23	SAFETY PLAN MINIMUM INSTALLATION AT BRIDGE ENDS
S-PL-7	04-30-26	SAFETY PLAN HARDWARE PLACEMENT AT INTERSECTIONS
S-CC-1	10-01-24	CRASH CUSHION
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-AGT-1		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-2		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-3		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-4		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-5		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-6		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-7		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-GRC-4	10-31-25	GUARDRAIL CONNECTION TO BRIDGE RAILING CONCRETE PARAPET
S-GRC-5	10-31-25	GUARDRAIL CONNECTION TO BRIDGE ENDS (TRAILING ENDS)
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-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR
S-GRA-4	03-01-23	IN-LINE GUARDRAIL ANCHOR TO PRIVATE DRIVE
S-GR28-1M	06-15-21	W-BEAM & THRIE BEAM BARRIER RAIL AND RUB RAIL DETAILS
S-GR28-2M	06-28-19	GUARDRAIL HARDWARE DETAILS
S-GR28-7M	06-28-19	GUARDRAIL ATTACHMENT TO BRIDGE END DETAILS MAINTENANCE ONLY
S-GRC-1M		GUARDRAIL CONNECTION TO BRIDGE ENDS OR BARRIER WALL
10-109.00 EROSION PREVENTION AND SEDIMENT CONTROL		
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-37	06-10-14	SEDIMENT TUBE
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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	BR-HIP-205(34)	1A
PS&E	2026	BR-HIP-205(34)	1A

REVISIONS:
DATE: 7/15/2026
UPDATED TYPICAL SECTION AND PAVEMENT SCHEDULE SHEET NUMBERS, ADDED SHEET U1-1 TO THE UTILITY SHEET NUMBERS, AND ADDED ROADWAY-SIGN2
DATE: 7/31/2026
ADDED ROADWAY-SIGN3.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	BR-HIP-205(34)	2
PS&E	2026	BR-HIP-205(34)	2

REVISIONS:

DATE: 7/15/2026

REMOVED ITEM NO.'S 202-01 & 303-01. ADDED ITEM NUMBERS 202-01.50, 303-01.09, 705-06.01, 705-06.11, 707-06.01, & 713-15.36. REVISED QUANTITY FOR ITEM NO. 203-10.

DATE: 7/31/2026

REVISED ITEM NO. 740-10.04.

ADDED ITEM NO.'S 303-10.04 AND 740-07.04.

SEALED BY

7/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**ESTIMATED
ROADWAY
QUANTITIES**

SHEET 1 OF 2

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ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79S205-F3-003
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
201-01	CLEARING AND GRUBBING	LS	1
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	334
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	26398
203-04	PLACING AND SPREADING TOPSOIL	C.Y.	1365
203-05	UNDERCUTTING	C.Y.	14968
203-10	EMBANKMENT (COMPACTED IN PLACE)	C.Y.	32214
209-03.99	PROTECTED AREA MARKER (WHITE WITH DECAL)	EACH	38
209-05	SEDIMENT REMOVAL	C.Y.	157
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	10040
209-08.07	ROCK CHECK DAM	EACH	4
209-08.08	ENHANCED ROCK CHECK DAM (V-DITCH)	EACH	1
303-01.09	MINERAL AGGREGATE, TYPE A BASE, GRADING D LESTONE	TON	7989
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	174
303-10.04	MINERAL AGGREGATE (SIZE 57)	TON	4500
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	1170
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	1343
403-01	BITUMINOUS MATERIAL FOR TACK COAT (PC)	TON	5.9
407-20.05	SAW CUTTING ASPHALT PAVEMENT	L.F.	60
411-01.10	ACS MIX(PG64-22) GRADING D	TON	914
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.	1
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	1596
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	L.F.	50
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	2
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	93
611-07.33	30IN ENDWALL (SIDE DRAIN)	EACH	1
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	L.F.	
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	EACH	
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	10
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	8
706-01	GUARDRAIL REMOVED	L.F.	754
706-06.03	RADIUS RAIL	L.F.	50
706-10.26	ROUNDED END ELEMENT	EACH	2
707-06.01	REMOVAL OF FENCE (BARBED WIRE FENCE)	L.F.	1044
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	12933
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	13
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	400
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	1068
709-05.08	MACHINE RIP-RAP (CLASS B)	TON	1522
712-01	TRAFFIC CONTROL	LS	1
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	L.F.	480
712-05.01	WARNING LIGHTS (TYPE A)	EACH	10
712-06	SIGNS (CONSTRUCTION)	S.F.	633
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	56

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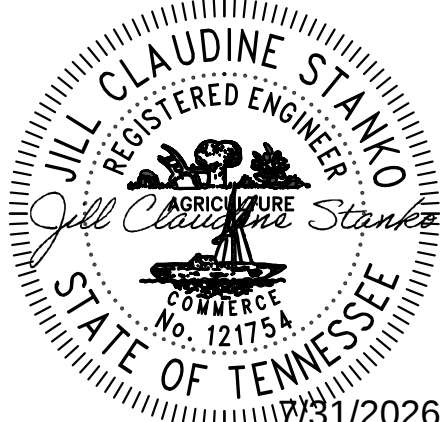
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FOOTNOTES
(1) SEE TABULATED QUANTITIES SHEET 2F. (2) THIS QUANTITY IS FOR MILLING THE EXISTING ROADWAY AND SHOULDERS 25' BEYOND THE BEGINNING AND AND OF THE PROJECT AT A DEPTH OF +/- 1.25". (3) THIS ITEM IS ONLY TO BE USED OF EPSC RELATED ITEMS (I.E., INSTALLATION OF TEMP. SLOPE DRAINS, TEMP. CONST. EXITS, TYPE 2 CULVERT PROTECTION). ROAD AND DRAINAGE EXCAVATION RELATED TO ROADWAY IS NOT TO BE MEASURED FOR PAYMENT, BUT IS CONSIDERED INCIDENTAL TO PAY ITEM 203-10, EMBANKMENT COMPACTED IN PLACE. (4) POSTS CAN BE ORDERED THROUGH CARSONITE, A VALMONT COMPANY. ITEM NUMBERS ARTE 72" BY 3.9" DUAL-SIDED FIBERGLASS MARKER (CIB307201), CUSTOM PROTECTED AREA DECAL PRE-APPLIED ON BOTH SIDES (21374NM-A). (5) SEE GRADING SPECIAL NOTES ON SHEET 2D. (6) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT (7) INCLUDES 400 TONS FOR TEMPORARY CONSTRUCTION EXITS. (8) 3640 L.F. PROVIDED FOR WETLAND PROTECTION AS SHOWN IN THE MITIGATION DETAIL ON SHEET 2G. 9293 L.F. USED IN EPSC PLANS. (9) ITEM TO BE USED AS DIRECTED BY THE ENGINEER. (10) SEE TABULATED QUANTITIES SHEET 2F1. (11) SEE SHEET T1C FOR SCHEDULE, ADDITIONAL SIGNS INSTALLED AS DIRECTED BY THE ENGINEER SHALL BE PAID FOR AT THE UNIT COST FOR THIS ITEM. (12) INCLUDES 190 C.Y. FOR PLACING IN SCARIFIED AREAS. (13) INCLUDES 579 TONS FOR CULVERT PROTECTION TYPE 1, 443 TONS FOR BRIDGE ABUTMENT PROTECTION AND 46 TONS FOR SLOPE PROTECTION. (14) INCLUDES 668 S.Y. FOR TEMPORARY CONSTRUCTION EXITS AND 1532 S.Y. FOR CULVERT PROTECTION TYPE 1. (15) 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. (16) INCLUDES 437 TONS FOR DRIVEWAYS. (17) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF NCHRP FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 350 OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING. (18) INCLUDES 1522 TONS FOR BRIDGE ABUTMENT PROTECTION. (19) SEE STANDARD DRAWING NO. D-PB-1 AND D-PB-2 FOR ADDITIONAL DETAILS. (20) TO BE USED FOR EPSC. (21) TO BE USED FOR UNDERCUTTING. (22) SEE GEOTECHNICAL PLANS FOR UNDERCUTTING DETAILS. (23) UNSUITABLE MATERIAL SHALL BE PAID FOR UNDER ITEM NO. 203-05 (24) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE UTILITY POLES WITH 30 FEET OF PORTABLE BARRIER RAIL AT EACH LOCATION. (25) SEE SIGNING AND PAVEMENT MARKING PLANS. (26) SEE DETAIL SHEET 2G FOR MITIGATION DETAILS. (27) INCLUDES 142 M.G. FOR SEEDING (WITH MULCH) & SODDING (NEW SOD) AND 17 M.G. FOR SPECIAL WETLAND SEED MIXTURE. (28) INCLUDES 1500 S.Y. FOR PAVEMENT AT BRIDGE ENDS. (29) ITEM TO BE USED FOR PAVEMENT AT BRIDGE ENDS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	BR-HIP-205(34)	2-1
PS&E	2026	BR-HIP-205(34)	2-1

DATE: 7/31/2026
ADDED FOOTNOTES 28 & 29.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES
SHEET 2 OF 2