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TENNESSEE DEPARTMENT OF TRANSPORTATION
7345 REGION LN
KNOXVILLE, TN 37914
ANDREW WISNIEWSKI, P.E. 00114267

04-25-25

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

SHEET NAME	SHEET NO.
SIGNATURE SHEETS	ROADWAY-SIGN2
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2
TABULATED QUANTITIES	2F1
EROSION PREVENTION AND SEDIMENT CONTROL PLANS	10
TRAFFIC CONTROL PLANS	T-3, T7 – T8

YEAR	PROJECT NO.	SHEET NO.
2025	46455-3414-04	ROADWAY-SIGN2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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\\AG03SDCWF00010.net.ads.state.tn.us\PROJECTS\Johnson\Slimp Branch Rd. Bridge over Roan Creek, LM 0.336\Base Drawings\sheets\ROADWAY-SIGN2.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	46455-3414-04	1A

REV. 04-25-2025 - ADDED ROADWAY-SIGN2 TO INDEX.

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS	ROADWAY-SIGN1-2
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
STANDARD TRAFFIC OPERATIONS DRAWINGS	1A1
PROJECT COMMITMENTS	1B
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B
GENERAL NOTES	2C
SPECIAL NOTES	2D
ENVIRONMENTAL NOTES	2E
TABULATED QUANTITIES	2F, 2F1
DETAIL SHEET	2G
RIGHT-OF-WAY NOTES, UTILITIES NOTES, UTILITY OWNERS, AND R.O.W. ACQUISITION TABLE	3
PROPERTY MAP	3A
PRESENT LAYOUT	4
RIGHT-OF-WAY DETAILS	4A
PROPOSED LAYOUT	4B
PROPOSED PROFILE	4C
SIDE ROAD PROFILE	5
PRIVATE DRIVE PROFILE	6
DRAINAGE MAP	7
CULVERT SECTION	8
EROSION PREVENTION AND SEDIMENT CONTROL PLANS	9 -13
ROADWAY CROSS SECTIONS	14 - 24
SIDE ROAD CROSS SECTIONS	25 - 29
TRAFFIC CONTROL PLANS	T-1 – T-8
BRIDGE PLANS	B-1
GEOTECHNICAL PLANS	G-1
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS	S-1
UTILITIES PLANS	U1–1

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

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

DWG.	REV.	DESCRIPTION
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
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

STANDARD ROADWAY DRAWINGS

10-101.00 STANDARD 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	06-28-19	DESIGN STANDARDS FOR LOW-VOLUME ROADS
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-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS

10-102.00 PIPE CULVERTS AND ENDWALLS

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-PG-3	06-28-19	FERROUS AND ALUMINUM CORRUGATED METAL PIPE
D-PS-1	06-28-19	STRUTTING DETAILS FOR CORR. METAL & STRUCTURAL PLATE ROUND PIPE
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

10-105.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

DWG.	REV.	DESCRIPTION
S-F-1	03-01-23	HIGH VISIBILITY FENCE

10-107.00 SAFETY DESIGN AND GUARDRAILS

DWG.	REV.	DESCRIPTION
S-CC-1	01-09-24	CRASH CUSHION
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-2M		SAFETY PLAN AT SIDEROADS OR PRIVATE DRIVES
S-PL-3	03-01-23	SAFETY PLAN MINIMUM INSTALLATION AT BRIDGE ENDS
S-PL-6	07-30-24	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
S-GR31-1	06-15-21	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-5	02-28-20	GUARDRAIL CONNECTION TO BRIDGE ENDS (TRAILING ENDS)
S-GRC-6	07-07-23	GUARDRAIL CONNECTION TO BRIDGE ENDS FOR LOW SPEED ROADWAYS
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

10-108.00 DESIGN - TRAFFIC CONTROL

DWG.	REV.	DESCRIPTION
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-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-32	11-30-20	TRAFFIC CONTROL PLAN SIGNAL LAYOUT FOR TRAFFIC SIGNAL AT TWO LANE BRIDGE RECONSTRUCTION SITE
T-WZ-33	05-27-98	TRAFFIC CONTROL PLAN FOR CLOSE INTERSECTION CONDITIONS USING TRAFFIC SIGNAL AT TWO LANE BRIDGE RECONSTRUCTION SITE
T-WZ-34	09-01-05	TRAFFIC CONTROL PLAN GENERAL NOTES FOR TRAFFIC SIGNAL AT TWO LANE BRIDGE RECONSTRUCTION SITE
T-WZ-35	04-02-12	TRAFFIC CONTROL PLAN PAY ITEM AND SIGN DETAILS FOR TRAFFIC SIGNAL AT TWO LANE BRIDGE RECONSTRUCTION SITE
T-WZ-FAB1		FLASHING YELLOW ARROW BOARD
T-WZ-PBR1	12-09-22	INTERCONNECTED PORTABLE BARRIER RAIL
T-WZ-PBR2	02-28-20	DETAILS FOR WORK ZONE CHANNELIZATION DEVICES

10-109.00 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-37	06-10-14	SEDIMENT TUBE
EC-STR-6	11-30-20	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)

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ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	46455-3414-04	2

REV. 04-25-2025 - REMOVED ITEM NOS. 203-30.01 & 207-20.01. ADDED ITEM NOS. 203-01, 203-06, 203-07, 203-10.15, 801-03 & 803-01. ADDED FOOTNOTES 20-24.

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
(1) (10) (20)	202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
(2) (21) (22)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	1143
(23)	203-06	WATER	M.G.	10
	203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	68
	203-10.15	WASTE MATERIAL	C.Y.	564
(2) (4)	209-05	SEDIMENT REMOVAL	C.Y.	35
2) (3) (4) (11)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	873
(2) (4)	209-08.07	ROCK CHECK DAM	EACH	2
(2) (4) (13)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	6
(2) (4)	209-65.04	TEMPORARY IN STREAM DIVERSION	L.F.	285
(15)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	612
(2) (4) (6)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	20
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	131
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	1.1
(2)	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	6
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	0.4
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	77
	604-10.51	SCARIFYING	S.Y.	834
(18)	607-05.30	24" PIPE CULVERT	L.F.	29
	607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	103
	611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
	705-06.02	W BEAM GR (TYPE 2) MASH TL3 (LONG POST)	L.F.	50
	705-06.11	GR TERMINAL (IN-INLINE) MASH TL3	EACH	1
	705-06.26	THRIE BEAM BRIDGE TRANSITION MASH TL-2	EACH	4
	705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL2	EACH	3
	706-01	GUARDRAIL REMOVED	L.F.	251
	706-10.26	ROUNDED END ELEMENT	EACH	1
(2) (4)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	340
(2) (4) (8)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	150
(2) (4) (7)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	215
(9)	709-05.09	MACHINED RIP-RAP (CLASS C)	TON	153
(14)	712-01	TRAFFIC CONTROL	LS	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	50
(19)	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	40
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	6
	712-06	SIGNS (CONSTRUCTION)	S.F.	357
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	48
	712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	24
	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
(17)	713-16.20	SIGNS (R1-1 36" X 36" STOP SIGN)	EACH	1
	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	30
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	0.31
	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	0.4
	717-01	MOBILIZATION	LS	1
(11)	730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	LS	1
(2) (4) (5)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	464
(12)	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	105
(2) (4)	740-11.01	TEMPORARY SEDIMENT TUBE 8IN	L.F.	250
(16)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	16
(12)	801-01.38	NATVE SEED MX FINAL STABLIZATN OF SLOPES	UNIT	7
(24)	801-03	WATER (SEEDING & SODDING)	M.G.	5
	803-01	SODDING (NEW SOD)	S.Y.	250

FOOTNOTES

(1) REMOVE EXISTING PIPES, RETAINING WALL, AND OTHER OBSTRUCTIONS

(2) QUANTITIES TO BE USED AS DIRECTED BY ENGINEER

(3) 98 LF TO BE USED FOR SEDIMENT FILTER BAG

(4) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATION FOR MAINTENANCE REPLACEMENT.

(5) 98 S.Y. TO BE USED FOR SEDIMENT FILTER BAGS
258 S.Y. TO BE USED FOR TEMPORARY CONSTRUCTION EXITS
108 S.Y. TO BE USED FOR CULVERT PROTECTIONS TYPE 1

(6) 11 TONS TO BE USED FOR SEDIMENT FILTER BAG
9 TONS TO BE USED FOR CULVERT PROTECTIONS TYPE 1

(7) 46 TONS TO BE USED FOR CULVERT PROTECTIONS TYPE 1
80 TONS TO BE USED FOR CROSS DRAIN EMBEDMENT AND REECE HILL DITCH
89 TONS TO BE USED FOR SUBGRADE STABILIZATION. SEE GEOTECH SHEETS.

(8) TO BE USED FOR TEMPORARY CONSTRUCTION EXIT

(9) QUANTITY SUPPLIED BY STRUCTURES DIVISION

(10) REFER TO SHEET 2F1 FOR QUANTITIES

(11) INCLUDES THE TEMPORARY TRAFFIC SIGNAL SYSTEM FOR TRAFFIC AND THE USE OF A SIGNAL FOR THE DRIVEWAY TRAFFIC AS SPECIFIED IN THE PLANS

(12) PERMANENT STABILIZATION WITH NATIVE OR NATURALIZED PERENNIAL VEGETATION IS REQUIRED IN ALL AREAS AUTHORIZED FOR TEMPORARY AND PERMANENT IMPACTS TO STREAMS AND RIPARIAN AREAS, INCLUDING ADJACENT BUFFER ZONES WITHIN 60 FT OF THE EDGE OF WATER. THE APPROPRIATE SEED MIXTURE FOR THE REGION AND SITE CONDITIONS SHALL BE SELECTED FROM TABLE 7.9-1 (PREFERRED SEED MIXES USING NATIVES OR NATURALIZED PLANTS AND PLANTING DATES) FOUND IN CHAPTER 7.9 (PERMANENT VEGETATION) OF THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK 4TH EDITION.

(13) INCLUDES 4 ADDITIONAL BAGS FOR REPLACEMENT AND/OR DIRECTED BY THE ENGINEER

(14) FLAGGER TO BE USED AS WHERE DIRECTED BY ENGINEER

(15) 90 TON TO BE USED FOR MAINTENANCE OF TRAFFIC AND 522 USED FOR BASE STONE

(16) THE COST OF FERTILIZER AND LIME USED IN INTIAL SEED BED PREPARATION IS TO BE INCLUDED IN THE COST OF SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

(17) INCLUDES COST OF POST

(18) RCP CLASS III TO BE USED FOR CROSS DRAIN

(19) TO BE USED AS DIRECTED BY ENGINEER

(20) STRUCTURES TO BE REMOVED HAVE NO HISTORICAL SIGNIFICANCE AND NO PORTIONS THEREOF NEED TO BE SALVAGED OR PRESERVED.

(21) SEE GRADING SPECIAL NOTES ON SHEET 2D.

(22) INCLUDES 22 C.Y. FOR TEMPORARY CONSTRUCTION EXITS.

(23) 1 M.G. FOR EMBANKMENT AND 9 M.G. FOR BASE MATERIAL.

(24) INCLUDES 2 M.G. FOR EPSC AND 3 M.G. FOR SODDING.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	46455-2414-04	2F1
PS&E	2025	46455-3414-04	2F1

REV. 04-25-2025 - REMOVED ROADWAY APPROACHES TAB BLOCK FROM SHEET.

ESTIMATED GRADING QUANTITIES

DESCRIPTION	UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)
	EXC.	EMB.	EXC.
MAINLINE	169	292	136
SIDE ROADS	267	86	214
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES	14		12
SUBGRADE STABILIZATION (GEOTECH)	83		67
TEMPORARY CONSTRUCTION EXITS	22		18
BRIDGE EXCAVATION	588		471
TOPSOIL (EMB.)			
TOPSOIL (EXC.)			
TOPSOIL TOTALS (SEE TOPSOIL TABLE)			

BALANCE SUMMARY

SHRINK = 20 % SWELL = 20 %

EXC.		EMB.
915	VS.	-378
AVAILABLE	=	537
WASTE MATERIAL	=	645

ROCK (C.Y.)		TOTALS (C.Y.)				
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
		1143	378	1143	1143	915

REMOVAL OF STRUCTURES AND OBSTRUCTIONS

SHEET NO.	STATION	LOCATION	DESCRIPTION	REMARKS
4	0+34.00	REECE HILL ROAD	18" RCP	
4	0+55.50	REECE HILL ROAD	12" RCP	
4	1+39.00	REECE HILL ROAD	12" RCP	
4	103+03.00 - 104+65.00	SLIMP BRANCH ROAD	STONE WALL	LEFT SIDE OF CL
4	0+15.00 - 0+40.00	REECE HILL ROAD	STONE WALL	LEFT SIDE OF CL

REMOVAL OF GUARDRAIL

STATION RANGE	LOCATION	LENGTH (FT)
104+56.00 - 105+81.00	LT	125
104+54.00 - 105+80.00	RT	126

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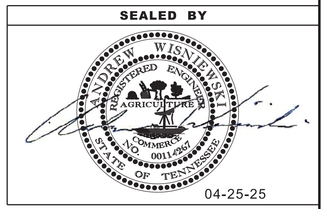

04-25-25

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	46455-2414-04	10
PS&E	2025	46455-3414-04	10

REV. 04-25-2025 - REMOVED ITEM NO. 207-20.01 AND ADDED ITEM NOS. 203-01 & 801-03.

TABULATED EPSC QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(2) (6)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	22
(1) (2)	209-05	SEDIMENT REMOVAL	C.Y.	35
(1) (2) (3)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	873
(1) (2)	209-08.07	ROCK CHECK DAM PER	EACH	2
(1) (2) (8)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	6
(1) (2)	209-65.04	TEMPORARY IN STREAM DIVERSION	L.F.	285
(1) (2) (4)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	20
(1) (2)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	340
(1) (2) (6)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	150
(1) (2) (7)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	46
(1) (2) (5)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	464
(1) (2)	740-11.01	TEMPORARY SEDIMENT TUBE 8IN	L.F.	250
(9)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	16
(2)	801-03	WATER (SEEDING & SODDING)	M.G.	2

(1) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATION FOR MAINTENANCE REPLACEMENT

(2) ITEM TO BE USED AS DIRECTED BY THE ENGINEER

(3) 98 LF TO BE USED FOR SEDIMENT FILTER BAG

(4) 11 TONS TO BE USED FOR SEDIMENT FILTER BAG
9 TONS TO BE USED FOR CULVERT PROTECTIONS TYPE 1

(5) 98 S.Y. TO BE USED FOR SEDIMENT FILTER BAGS
258 S.Y. TO BE USED FOR TEMPORARY CONSTRUCTION EXITS
108 S.Y. TO BE USED FOR CULVERT PROTECTIONS TYPE 1

(6) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS

(7) TO BE USED FOR CULVERT PROTECTIONS TYPE 1

(8) INCLUDES 4 ADDITIONAL BAGS FOR REPLACEMENT AND/OR AS DIRECTED BY THE ENGINEER

(9) PREPARATION IS TO BE INCLUDED IN THE COST OF SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
SFB SFB SFB SFB	SEDIMENT FILTER BAG	EC-STR-2
1). SFB SFB SFB	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
IN DIV	INSTREAM DIVERSION	EC-STR-30 EC-STR-30A
TUBE 8" TUBE 8"	8 INCH SEDIMENT TUBE	EC-STR-37
HVF HVF	HIGH VISIBILITY FENCE	S-F-1

1). J-HOOKS TO BE INSTALLED AT END OF A RUN OF SILT FENCE WHERE NOT PLACED ALONG CONTOURS

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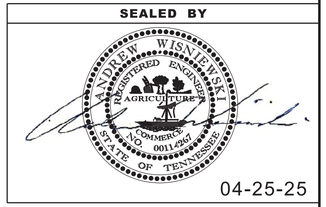

04-25-25

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	46455-3414-04	T-3

REV. 04-25-2025 - REDUCED CRASH CUSHION QUANTITY.

TABULATED TRAFFIC CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(2)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	90
(1)	712-01	TRAFFIC CONTROL	LS	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	50
(4)	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	40
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	6
	712-06	SIGNS (CONSTRUCTION)	S.F.	357
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	48
	712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	24
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	0.31
(3)	730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	LS	1

(1) FLAGGER TO BE USED AS WHERE DIRECTED BY THE ENGINEER

(2) TO BE USED FOR MAINTAINENCE OF TRAFFIC

(3) INCLUDES THE TEMPORARY TRAFFIC SIGNAL SYSTEM FOR TRAFFIC AND THE USE OF A SIGNAL FOR THE DRIVEWAY TRAFFIC AS SPECIFIED IN THE PLANS

(4) TO BE USED AS DIRECTED BY ENGINEER

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY BARRICADE (TYPE III)
A	WARNING LIGHT (TYPE A) (LOW-INTENSITY FLASHING)
	TRAFFIC SIGNAL HEAD
	TEMPORARY ATTENUATOR

TRAFFIC CONTROL SIGN TABULATION

M.U.T.C.D. SIGN NO.	LEGEND	SIZE IN INCHES L	X	W	S.F.	NO. REQUIRED PHASE 1	NO. REQUIRED PHASE 2	NO. REQUIRED PHASE 3	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.
D3-1	SLIMP BRANCH ROAD	36"	X	24"	6	15	15	15	15	90.00
G20-2	END ROAD WORK	36"	X	18"	5	3	3	3	3	13.50
M4-8A	END DETOUR	24"	X	12"	2	2	2	2	2	4.00
M4-9L	DETOUR WITH LEFT ARROW	30"	X	24"	5	3	3	3	3	15.00
M4-9R	DETOUR WITH RIGHT ARROW	30"	X	24"	5	3	3	3	3	15.00
R10-6	STOP HERE ON RED	24"	X	36"	6	2	2	2	2	12.00
R11-2	ROAD CLOSED	48"	X	30"	10	2	2	2	2	20.00
R11-3A	ROAD CLOSED 0.25 MILE AHEAD LOCAL TRAFFIC ONLY	60"	X	30"	13	1	1	1	1	12.50
W3-3	SIGNAL AHEAD	30"	X	30"	6	2	2	2	2	12.50
W3-4	BE PREPARED TO STOP	36"	X	36"	9	2	2	2	2	18.00
W20-1F	ROAD WORK 250 FT	36"	X	36"	9	1	1	1	1	9.00
W20-1F	ROAD WORK 500 FT	36"	X	36"	9	2	2	2	2	18.00
W20-1F	ROAD WORK 1000 FT	36"	X	36"	9	1	1	1	1	9.00
W20-1M	ROAD WORK 1/2 MILE	36"	X	36"	9	3	3	3	3	27.00
W20-3	ROAD CLOSED 500 FT	36"	X	36"	9	1	1	1	1	9.00
W20-3	ROAD CLOSED 1000 FT	36"	X	36"	9	1	1	1	1	9.00
W20-3	ROAD CLOSED AHEAD	36"	X	36"	9	4	4	4	4	36.00
W20-4F	ONE LANE ROAD 1500 FT	36"	X	36"	9	3	3	3	3	27.00
								TOTAL		357

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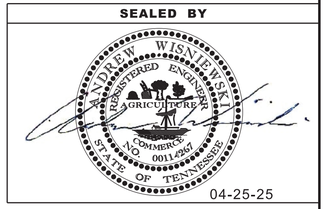

04-25-25

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL LEGEND AND TABULATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	46455-3414-04	T-7

REV. 04-25-2025 - REMOVED ONE TEMPORARY ATTENUATOR AT BRIDGE END.

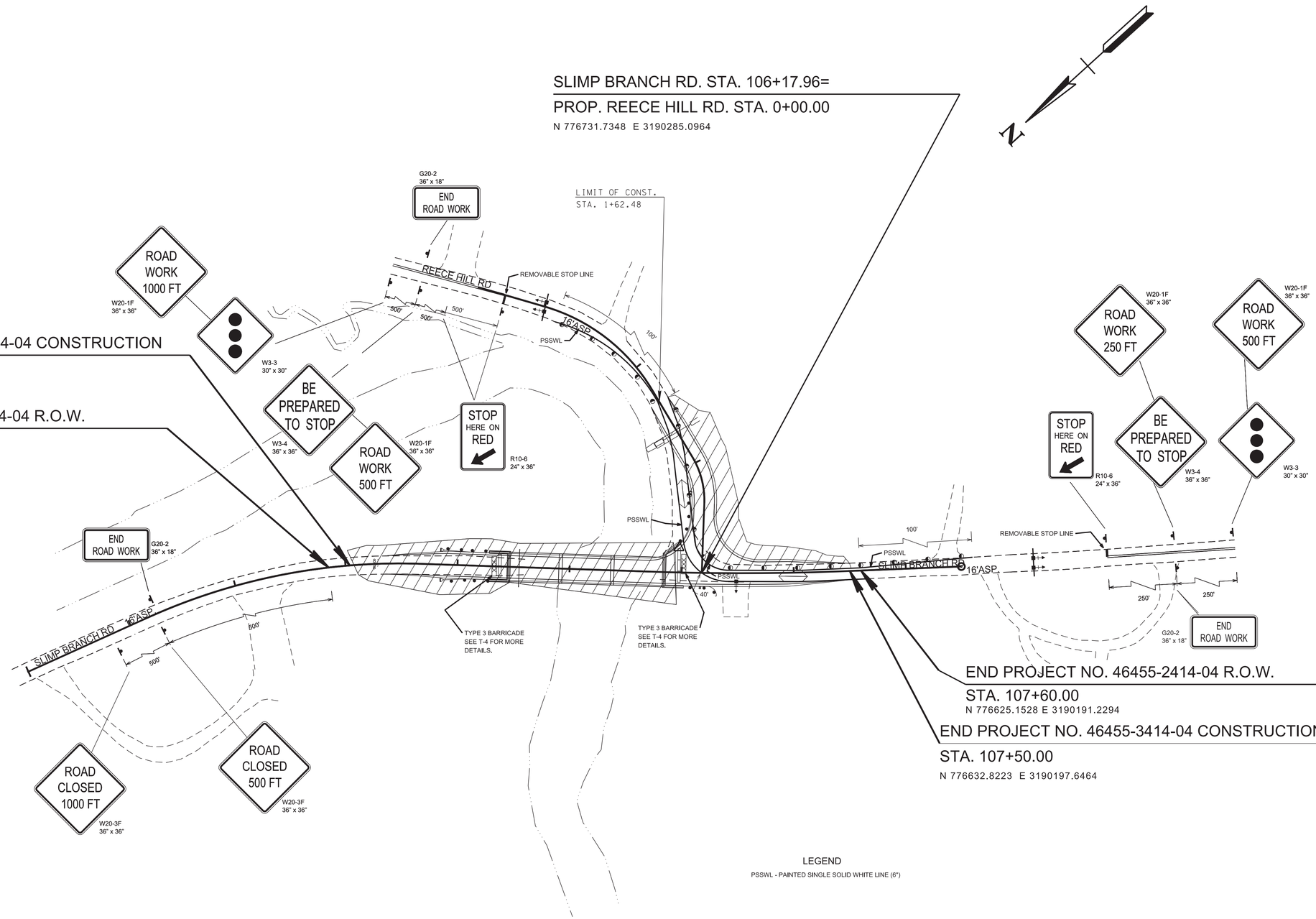
SLIMP BRANCH RD. STA. 106+17.96=
PROP. REECE HILL RD. STA. 0+00.00
N 776731.7348 E 3190285.0964

BEGIN PROJECT NO. 46455-3414-04 CONSTRUCTION
STA. 103+03.88
N 776959.7280 E 3190500.9448

BEGIN PROJECT NO. 46455-2414-04 R.O.W.
STA. 102+85.00
N 776974.8869 E 3190512.1977

END PROJECT NO. 46455-2414-04 R.O.W.
STA. 107+60.00
N 776625.1528 E 3190191.2294

END PROJECT NO. 46455-3414-04 CONSTRUCTION
STA. 107+50.00
N 776632.8223 E 3190197.6464



LEGEND

PSSWL - PAINTED SINGLE SOLID WHITE LINE (6")

PHASE 2

REFER TO STANDARD DRAWINGS T-WZ-10, T-WZ-32 THROUGH T-WZ-35 AND OTHER STANDARD DRAWINGS NOTED ON SHEET 1A.

PHASE 2 CONSTRUCTION WORK ZONE

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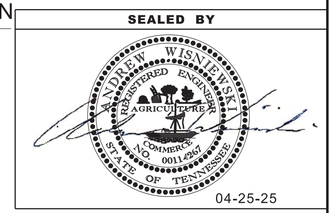

04-25-25

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS
STA.99+99.03 TO STA.108+49.53
NTS

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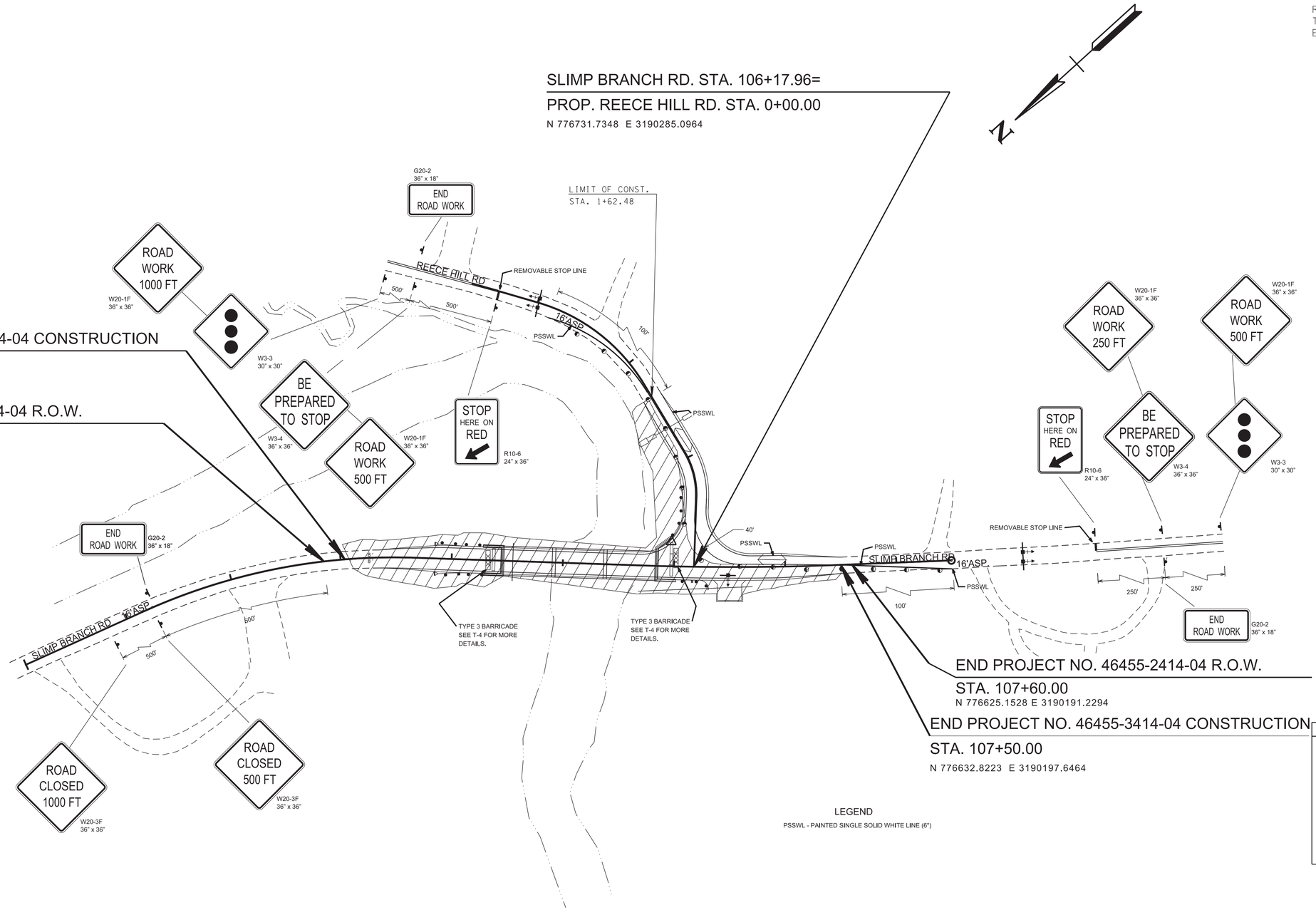
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	46455-3414-04	T-8

REV. 04-25-2025 - REMOVED ONE TEMPORARY ATTENUATOR AT BRIDGE END.

SLIMP BRANCH RD. STA. 106+17.96=
PROP. REECE HILL RD. STA. 0+00.00
N 776731.7348 E 3190285.0964

BEGIN PROJECT NO. 46455-3414-04 CONSTRUCTION
STA. 103+03.88
N 776959.7280 E 3190500.9448

BEGIN PROJECT NO. 46455-2414-04 R.O.W.
STA. 102+85.00
N 776974.8869 E 3190512.1977



END PROJECT NO. 46455-2414-04 R.O.W.
STA. 107+60.00
N 776625.1528 E 3190191.2294

END PROJECT NO. 46455-3414-04 CONSTRUCTION
STA. 107+50.00
N 776632.8223 E 3190197.6464

LEGEND
PSSWL - PAINTED SINGLE SOLID WHITE LINE (6")

PHASE 3

REFER TO STANDARD DRAWINGS T-WZ-10, T-WZ-32 THROUGH T-WZ-35 AND OTHER STANDARD DRAWINGS NOTED ON SHEET 1A.

PHASE 3 CONSTRUCTION WORK ZONE

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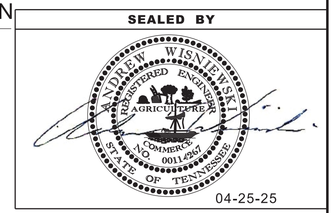

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS
STA.99+99.03 TO STA.108+49.53
NTS

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