

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Jill Claudine Stanko 2026.08.27 13:40:59-05'00'

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

FISHER ARNOLD, INC.
9180 CRESTWYN HILLS DRIVE
MEMPHIS, TN 38125
JILL STANKO, P.E. 121754

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

SHEET NAME	SHEET NO.
SIGNATURE SHEETS	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
STANDARD STRUCTURE DRAWINGS	1A1
STANDARD TRAFFIC DESIGN DRAWINGS	1A2
ESTIMATED ROADWAY QUANTITIES	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1-2B6
GENERAL NOTES	2C, 2C1
SPECIAL NOTES	2D
ENVIROMENTAL NOTES	2E
TABULATED QUANTITIES	2F
RIGHT-OF-WAY NOTES, UTILITY NOTES AND UTILITY OWNERS	3
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 – 6C
SIDE ROADS PROFILE(S)	8 – 9
DRAINAGE MAP(S)	10
CULVERT SECTION(S)	11 – 14
EROSION PREVENTION AND SEDIMENT CONTROL PLANS	15, 16, 17 - 19C
SIGNING AND PAVEMENT MARKING PLAN(S)	20 – 23
SIGN SCHEDULE SHEET(S)	24, 25
TRAFFIC CONTROL PLANS	T´–T14

YEAR	PROJECT NO.	SHEET NO.
2026	09S022-S3-005	ROADWAY-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

8/24/2026 4:37:19 PM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-SIGNATURE SHEET.DGN



11/02/2026

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Jill Stanke — Jill Stanko, 2026.11.04 10:43:29-06'00'

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FISHER ARNOLD, INC.
9180 CRESTWYN HILLS DRIVE
MEMPHIS, TN 38125
JILL STANKO, P.E. 121754

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
TABULATED QUANTITIES	2F
ROADWAY CROSS SECTIONS	26-46
SIDEROAD CROSS SECTIONS	47-57

YEAR	PROJECT NO.	SHEET NO.
2026	09S022-S3-005	ROADWAY-SIGN2

REV. 11/02/2026:
ADDED THIS SHEET

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-SIGNATURE SHEET-2.DGN

Index Of Sheets
SEE SHEET NO. 1A

PROJECT TO BE LET WITH:
CARROL CO. SR 22
PIN 128893.00

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

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

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	N/A	
STATE PROJ. NO.	09S022-S3-005	

CARROLL COUNTY

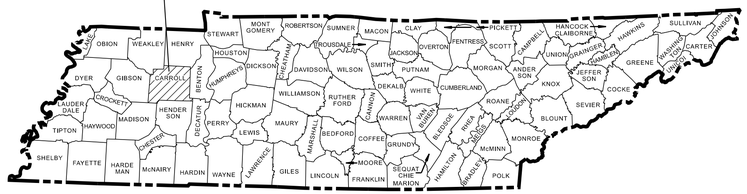
SR-22
INDUSTRIAL ACCESS SUPPORT SERVING FORMULA 2.0
(SR-22 IMPROVEMENTS)

PS&E

GRADE, DRAIN, PAVE, SIGN, MARKING

STATE HIGHWAY NO. 22 F.A.H.S. NO. N/A

PROJECT LOCATION



ADJACENT PROJECT PIN. 128896.00
LM 21.62 - LM 23.12

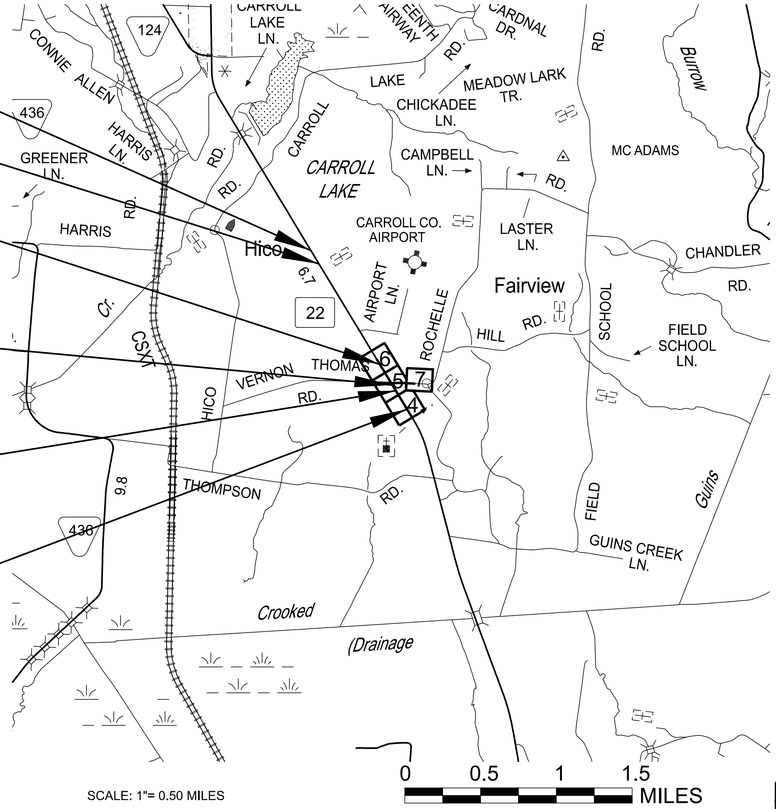
ADJACENT PROJECT PIN. 128893.00
LM 15.30 - LM 21.62

END PROJECT NO. 09S022-S3-005 CONST.
STA. 263+19.19 SR-22
N 644574.6703 E 1238814.1218

END PROJECT NO. 09S022-S2-005 R.O.W.
STA. 255+08.83 SR-22
N 643881.7729 E 1239234.3433

BEGIN PROJECT NO. 09S022-S2-005 R.O.W.
STA. 252+08.00 SR-22
N 643624.5527 E 1239390.3397

BEGIN PROJECT NO. 09S022-S3-005 CONST.
STA. 244+88.72 SR-22
N 643009.5397 E 1239763.3266



SCALE: 1"= 0.50 MILES

NO EXCLUSIONS

ROAD TO BE CONSTRUCTED WHILE UNDER TRAFFIC

SEALED BY
JILL CLAUDINE STANKO
REGISTERED ENGINEER
COMMERCE
NO. 121754
STATE OF TENNESSEE
9/27/2026

ROCHELLE ROAD

TRAFFIC DATA	
ADT (2026)	830
ADT (2046)	1,330
DHV (2046)	136
D	50 - 50
T (ADT)	35 %
T (DHV)	23 %
V	30 MPH

APPROVED:
SHANE HESTER, CHIEF ENGINEER

DATE:

APPROVED:
WILL REID, COMMISSIONER

SR-22

SURVEY 12-12-23

TRAFFIC DATA	
ADT (2026)	10,070
ADT (2046)	14,180
DHV (2046)	1,462
D	55 - 45
T (ADT)	16 %
T (DHV)	11 %
V	65 MPH

R.O.W. LENGTH	0.056 MILES
ROADWAY LENGTH	0.346 MILES
BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES ▲
PROJECT LENGTH	0.346 MILES

▲ Not included in the project length (Non Riding Surface).

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 APRIL 1, 2026 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT PROJECT MANAGER: MOHAMED OSMAN, P.E., REG. 4

DESIGNER : JILL STANKO, P.E. CHECKED BY : JOHN PANKEY, P.E.

P.E. NO. 09S022-S1-005 (DESIGN)

PIN NO. 133610.00

COORDINATES ARE NAD/83 (2011 ADJUSTMENT) ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING GEOID 12B.

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ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS	ROADWAY-SIGN1
SIGNATURE SHEETS	ROADWAY-SIGN2
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
STANDARD STRUCTURE DRAWINGS	1A1
STANDARD TRAFFIC DESIGN DRAWINGS	1A2
ESTIMATED ROADWAY QUANTITIES	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1 – 2B6
GENERAL NOTES	2C, 2C1
SPECIAL NOTES	2D
ENVIRONMENTAL NOTES	2E
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EROSION PREVENTION AND SEDIMENT CONTROL PLANS	15, 16, 17 – 19C
SIGNING AND PAVEMENT MARKING PLAN(S)	20 – 23
SIGN SCHEDULE SHEET(S)	24, 25
ROADWAY CROSS SECTIONS	26 – 46
SIDE ROAD CROSS SECTIONS	47 – 57
TRAFFIC CONTROL PLANS	T1 – T14
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS	S-1
UTILITY PLANS	U1–1

NOTE:

1. THE ALPHABETICAL LETTERS “I”, “O” & “Q” ARE NOT USED IN THE NUMBERING OF SHEETS.
2. NO PROJECT COMMITMENTS.

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	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
RD18-TS-6C		RURAL MAJOR ARTERIAL FLUSH MEDIAN (4-6 LANE)
RD18-TS-6D		RURAL MAJOR ARTERIAL DEPRESSED MEDIAN (4-6 LANE)
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-5		INTERSECTION SIGHT DISTANCE 4-LANE DIVIDED HIGHWAYS
RD-UD-3	01-09-24	UNDERDRAIN DETAILS
RD-UD-4	06-28-19	UNDERDRAIN LATERAL DETAILS
RD-UD-9	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES
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-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-30A	04-30-26	TYPE "U" CROSS DRAIN ENDWALL FOR 30" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-30B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 30" PIPE, BILL OF STEEL AND PRECAST NOTES
10-104.00 CATCH BASINS AND MANHOLES		
D-CB-38S	03-04-21	STANDARD 32" X 32" SQUARE CONCRETE NO. 38 CATCH BASIN
D-CB-99	02-20-20	MISCELLANEOUS DETAILS FOR RECTANGULAR STRUCTURES
10-106.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES		
S-F-1	03-01-23	HIGH VISIBILITY FENCE
S-RP-2	07-31-26	STANDARD CONCRETE RIGHT-OF-WAY MARKERS
10-108.00 SAFETY DESIGN AND GUARDRAILS		
S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
10-109.00 EROSION PREVENTION AND SEDIMENT CONTROL		
EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-8	06-10-14	FILTER SOCK
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-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-31	05-04-22	TEMPORARY DIVERSION CHANNEL
EC-STR-33	08-01-12	SUSPENDED PIPE DIVERSION (DOWNSTREAM)
EC-STR-33A	08-01-12	SUSPENDED PIPE DIVERSION (UPSTREAM)

TYPE	YEAR	PROJECT NO.	SHEET NO.
PLAN-IN-HAND	2025	09S022-S3-005	1A
PS&E	2026	09S022-S3-005	1A

REV. 11/02/2026:
ADDED SHEET ROADWAY-SIGN2.

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
COMMERCE
NO. 121754
STATE OF TENNESSEE
11/02/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PLAN-IN-HAND	2025	09S022-S3-005	1A1
PS&E	2026	09S022-S3-005	1A1

STANDARD STRUCTURE DRAWINGS

DWG.	REV.	DESCRIPTION
10-301.00		**LRFD BOX CULVERTS**
(See Section 2-600.01)		
STD-17-1	07-06-26	INDEX OF DRAWINGS
STD-17-2	07-06-26	TERMINOLOGY OF DRAWINGS
STD-17-3	07-06-26	GENERAL NOTES
STD-17-4		DESIGN SECTION LIMITS
STD-17-9		INTERIOR WALL END TREATMENTS
STD-17-10		TYPICAL WINGWALL DETAILS AND NOTES
STD-17-13		WINGWALL DIMENSIONS AND QUANTITIES
STD-17-14		WINGWALL DIMENSIONS AND QUANTITIES
STD-17-15		WINGWALL AND SPECIAL RETAINING WALL DESIGN SECTIONS
STD-17-16		WINGWALL DESIGN SECTIONS
STD-17-17	06-01-11	BACKFILL AND DRAINAGE DETAILS
STD-17-18	07-06-26	BACKFILL DETAILS
STD-17-26		EXTENSION DETAILS
STD-17-27		EXTENSION DETAILS FOR SCOURED OUTLET
STD-17-28	07-06-26	END SECTION DETAILS

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
No. 121754
STATE OF TENNESSEE
8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
STRUCTURE
DRAWINGS

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STANDARD TRAFFIC DESIGN DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PLAN-IN-HAND	2025	09S022-S3-005	1A2
PS&E	2026	09S022-S3-005	1A2

DWG.	REV.	DESCRIPTION
10-200.00	**SIGN**	
T-S-9	07-30-25	STANDARD LAYOUT - GROUND MOUNTED SIGNS
T-S-10	07-30-25	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS, ALUMINUM-STEEL DESIGN
T-S-11	07-30-25	DELINEATOR AND MILEPOST DETAILS
T-S-12	07-30-25	STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOCTING DETAILS, SQUARE TUBES
T-S-16	07-30-25	GROUND MOUNTED ROADSIDE “U” POST SIGN PLACEMENT DETAILS
T-S-17	07-30-25	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-19	07-30-25	STANDARD STEEL SIGN SUPPORTS
T-S-20	07-30-25	SIGN DETAILS
T-S-23A	07-30-25	MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT
T-S-23C	07-30-25	BREAKWAY POST SIGN SUPPORTS
10-204.00	**DESIGN - TRAFFIC CONTROL**	
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	01-24-25	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-4A	01-24-25	STANDARD UNSIGNALIZED MID-BLOCK CROSSING
T-M-18	07-31-26	FLEXIBLE DELINEATOR DETAILS
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-26-25	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD
T-WZ-PBR1	03-26-25	INTERCONNECTED PORTABLE BARRIER RAIL
T-WZ-PCB2	03-26-25	20 FOOT PORTABLE CONCRETE BARRIER RAIL
T-WZ-PCB3	03-26-25	PORTABLE CONCRETE BARRIER RAIL DETAILS
T-WZ-PCB4	07-22-25	PORTABLE CONCRETE BARRIER RAIL ANCHOR PIN DETAILS

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
TRAFFIC
DESIGN
DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2
PLAN-IN-HAND	2025	09S022-S3-005	2
PS&E	2026	09S022-S3-005	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 09S022-S3-005
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	0.5
	201-01	CLEARING AND GRUBBING	LS	0.5
(1)	202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	0.8
(1)	202-02.05	REMOVAL OF PIPE (30" RCP)	L.F.	100
(1)(2)(3)(4)(11)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	7327
(1)(4)	203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	6266
(1)	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	1541
	203-06	WATER	M.G.	71
(23)	204-08	FOUNDATION FILL MATERIAL	C.Y.	24
(24)	204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	23
	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	1
(2)(8)	209-03.22	FILTER SOCK (18 INCH)	L.F.	398
(2)(8)	209-05	SEDIMENT REMOVAL	C.Y.	269
(2)(5)(8)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	421
(2)(8)	209-08.07	ROCK CHECK DAM	EACH	1
(2)(8)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	3
(2)(8)	209-08.09	FILTER SOCK CHECK DAM	EACH	22
(2)(8)	209-09.01	SANDBAGS	BAG	839
(2)(8)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	1
(2)(6)(8)	209-20.04	POLYETHYLENE SHEETING (10 MIL.)	S.Y.	46
(2)(8)	209-40.30	CATCH BASIN PROTECTION (TYPE A)	EACH	1
(2)(8)	209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH	2
(2)(8)	209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	38
(1)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	6806
(24)	303-01.01	GRANULAR BACKFILL (ROADWAY)	TON	370
(2)(8)(9)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	97
(1)	307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	TON	188
(1)	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	2324
(1)	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	904
(1)	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	8
	407-20.05	SAW CUTTING ASPHALT PAVEMENT	L.F.	4850
(1)	411-02.10	ACS MIX(PG70-22) GRADING D	TON	746
(1)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	216
(10)	604-01.01	CLASS A CONCRETE (ROADWAY)	C.Y.	31
(23)	604-02.01	CLASS A CONCRETE (BOX BRIDGES)	C.Y.	47
(23)	604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	LB.	8937
(1)(12)	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	50
(1)(12)	607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	111
(1)	611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	EACH	1
(1)	611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
(1)	611-07.61	30IN ENDWALL (CROSS DRAIN) 4:1	EACH	2
(1)	611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	EACH	1

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 09S022-S3-005
(2)(8)	621-03.03	24" TEMPORARY DRAINAGE PIPE	L.F.	96
	706-01	GUARDRAIL REMOVED	L.F.	180
(2)(8)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	226
(1)	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	1
(2)(8)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100
(2)(8)(13)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	495
(1)	709-05.09	MACHINED RIPRAP (CLASS C)	TON	199
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	550
	710-05	LATERAL UNDERDRAIN	L.F.	110
	710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	EACH	3
(7)	710-10.02	6" PERFORATED PLASTIC PIPE	L.F.	24
	712-01	TRAFFIC CONTROL	LS	0.5
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	2866
	712-02.12	PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)	L.F.	667
	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TI-3)	EACH	7
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	565
	712-04.50	BARRIER RAIL DELINEATOR	EACH	89
(22)	712-06	SIGNS (CONSTRUCTION)	S.F.	320
	712-08.03	ARROW BOARD (TYPE C)	EACH	8
	712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	11012
	713-01.01	CLASS A CONCRETE (FOUDATION FOR SIGN SUPPORTS)	C.Y.	4
	713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	LB.	792
	713-02.15	FLEXIBLE DELINEATOR (YELLOW)	EACH	7
	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	90
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	1502
	713-11.21	P POST SLIP BASE	EACH	17
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	176
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	25
	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	0.2
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2
	716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (2 COLOR)	EACH	242
(14)(15)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	134
(14)(15)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	42
(14)(15)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	12
(14)(15)	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	427
(14)(15)	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.5
(14)(15)	716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	2
(14)(15)(16)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	36
(14)(15)	716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	2
(17)	716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	L.F.	208
(17)	716-05.04	PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	34
(17)	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	72
(17)	716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	EACH	5
(17)	716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	EACH	2
(17)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	1.5
(17)	716-06.01	PAINTED WORD PVMT MARK (ONLY)	EACH	2
	716-08.02	REMOVAL OF PAVEMENT MARKING (8" BARRIER LINE)	L.F.	428
	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	72
	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN-LANE ARROW)	EACH	2
	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	1
(15)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	1.5

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ESTIMATED ROADWAY QUANTITIES

SHEET 1 OF 2

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2-1
PLAN-IN-HAND	2025	09S022-S3-005	2-1
PS&E	2026	09S022-S3-005	2-1

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 09S022-S3-005
(15)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	76
	717-01	MOBILIZATION	LS	0.5
(2)(8)(18)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	1110
(2)(8)(19)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	83
(2)(8)(20)	801-03	WATER (SEEDING & SODDING)	M.G.	92
(2)(8)(21)	803-01	SODDING (NEW SOD)	S.Y.	10170
	805-01.01	TURF REINFORCEMENT MAT (CLASS I)	S.Y.	111

FOOTNOTES

(1) SEE TABULATED QUANTITIES SHEET 2F.
(2) ALL EPSC QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
(3) INCLUDES 16 C.Y. TO BE USED FOR TEMPORARY CONSTRUCTION ENTRANCES/EXITS.
(4) SEE GRADING SPECIAL NOTES ON SHEET 2D.
(5) INCLUDES 127 L.F. FOR SEDIMENT FILTER BAGS
(6) INCLUDES 36 S.Y. TO BE USED FOR TEMPORARY CONSTRUCTION ENTRANCES/EXITS, AND 10 S.Y TO BE USED FOR ENDWALLS..
(7) ITEM SHALL BE USED FOR THE CONSTRUCTION OF BOX CULVERT WING WALLS.
(8) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
(9) INCLUDES 25 TONS FOR CULVERT PROTECTION TYPE 1, 64 TONS FOR SEDIMENT FILTER BAGS, AND 8 TONS TO BE USED FOR WING WALLS.
(10) TO BE USED FOR PROPOSED CONCRETE DITCH.
(11) CULVERT EXCAVATION FOR CONCRETE BOX OR SLAB TYPE CULVERTS OR BRIDGES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.
(12) THE BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE CULVERT.
(13) INCLUDES 247 TONS FOR TYPE 1 CULVERT PROTECTION AND 248 TONS FOR TEMPORARY DIVERSION CHANNELS
(14) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(15) TO BE USED FOR PERMANENT PAVEMENT MARKINGS
(16) INCLUDES 18 S.F. TO BE USED FOR TEMPOARARY TRAFFIC CONTROL.
(17) TO BE USED FOR TEMPORARY PAVEMENT MARKINGS.
(18) INCLUDES 446 S.Y. FOR TYPE 1 CULVERT PROTECTION, 172 S.Y. FOR TEMPOARY CONSTRUCTION EXITS, 381 S.Y. FOR DIVERSION CHANNELS, AND 111 S.Y. FOR SEDIMENT FILTER BAGS.
(19) 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.
(20) INCLUDES 92 THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.
(21) INCLUDES 589 S.Y. FOR SPECIAL DITCHES.
(22) SEE SHEET T2 FOR SCHEDULE. ADDITIONAL SIGNS INSTALLED AS DIRECTED BY THE ENGINEER SHALL BE PAID FOR AT THE UNIT COST FOR THIS ITEM.
(23) TO BE USED FOR PROPOSED 4'X4' BOX CULVERT.
(24) TO BE USED FOR PIPES TO BE PLUGGED AND ABANDONED.

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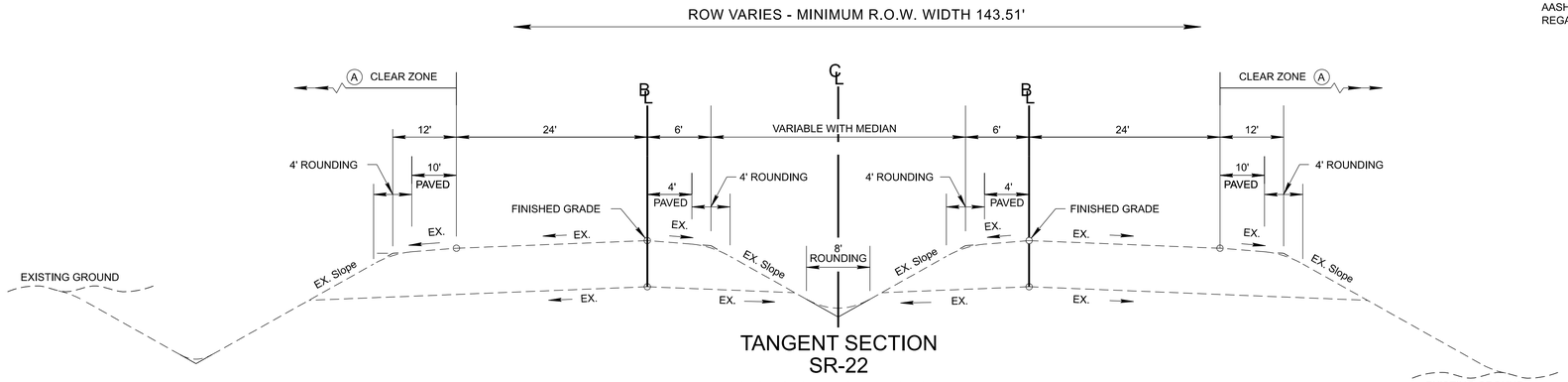
ESTIMATED ROADWAY QUANTITIES AND FOOTNOTES

SHEET 2 OF 2

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2B
PLAN-IN-HAND	2025	09S022-S3-005	2B
PS&E	2026	09S022-S3-005	2B

NOTE: REFER TO THE "DESIGN DECISION FOR THE CONTEXTUAL DESIGN ELEMENTS" TABLE SHOWN ON RD-CTS STANDARD COMPLETED FOLLOWING PROJECT SCOPING GUIDE FOR ROADWAY TYPICAL SECTION ALLOCATION AND DIMENSIONS.

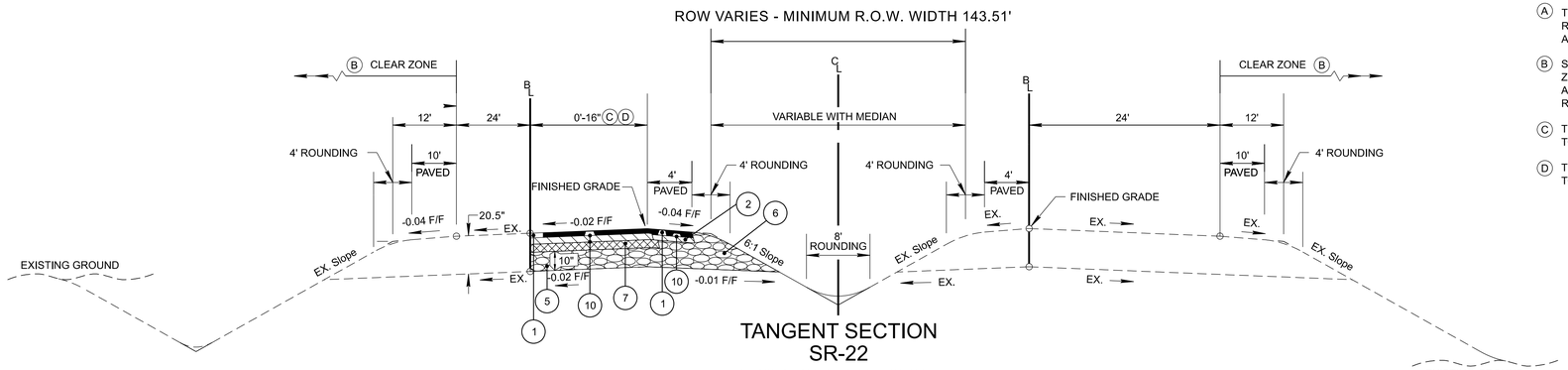


TANGENT SECTION
SR-22

(BASED ON STD. DWG. RD18-TS-6D)
FROM STA. 244+88.72 TO STA. 245+05.46
FROM STA. 255+24.20 TO STA. 255+87.11
FROM STA. 263+02.42 TO STA. 263+19.19

(A) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

NOTE: REFER TO THE "DESIGN DECISION FOR THE CONTEXTUAL DESIGN ELEMENTS" TABLE SHOWN ON RD-CTS STANDARD COMPLETED FOLLOWING PROJECT SCOPING GUIDE FOR ROADWAY TYPICAL SECTION ALLOCATION AND DIMENSIONS.



TANGENT SECTION
SR-22

(BASED ON STD. DWG. RD18-TS-6D)
FROM STA. 245+05.46 TO STA. 247+31.00
FROM STA. 258+21.57 TO STA. 263+02.42

(A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHOULD NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

(B) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

(C) TRANSITIONS FROM 0' AT STA. 245+05.46 TO 16' AT STA. 248+05.98

(D) TRANSITIONS FROM 16' AT STA. 258+21.57 TO 0' AT STA. 263+02.42

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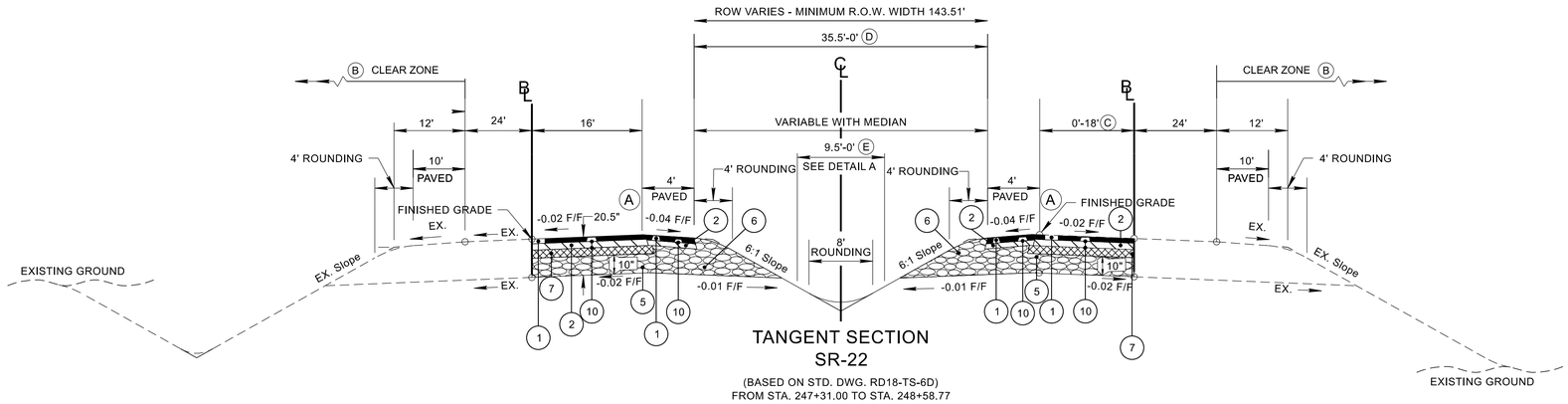
TYPICAL SECTIONS

SHEET 1 OF 6

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2B1
PLAN-IN-HAND	2025	09S022-S3-005	2B1
PS&E	2026	09S022-S3-005	2B1

NOTE: REFER TO THE "DESIGN DECISION FOR THE CONTEXTUAL DESIGN ELEMENTS" TABLE SHOWN ON RD-CTS STANDARD COMPLETED FOLLOWING PROJECT SCOPING GUIDE FOR ROADWAY TYPICAL SECTION ALLOCATION AND DIMENSIONS.



TANGENT SECTION
SR-22

(BASED ON STD. DWG. RD18-TS-6D)
FROM STA. 247+31.00 TO STA. 248+58.77

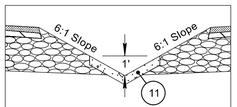
(A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHOULD NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

(B) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

(C) TRANSITIONS FROM 0' AT STA. 247+31.00 TO 18' AT STA. 250+45.79.

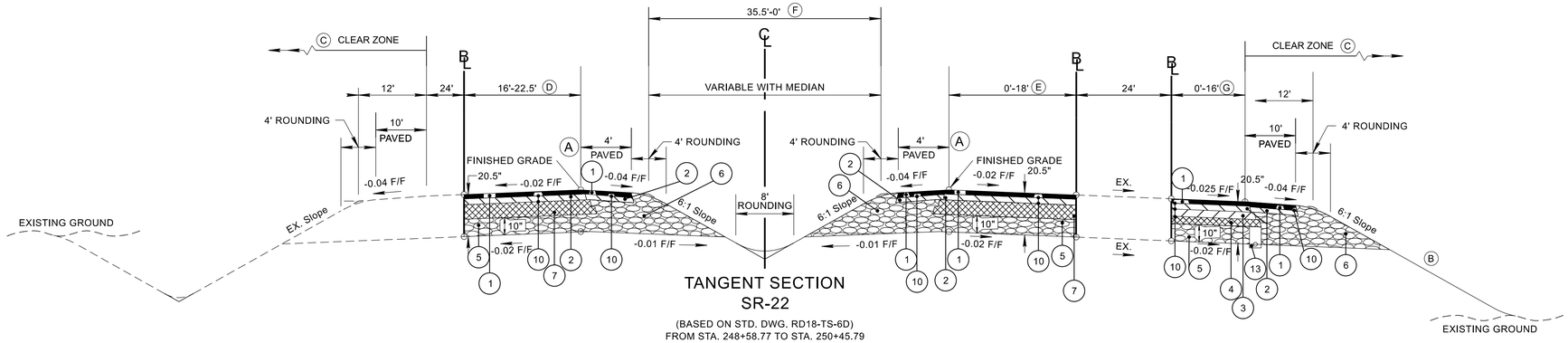
(D) TRANSITIONS FROM 35.5' AT STA. 247+31.00 TO 24.5' AT STA. 248+58.77.

(E) TRANSITIONS FROM 9.5' AT STA. 247+31.00 TO 0' AT STA. 248+35.00.



DETAIL A FROM STA. 248+15.00
TO STA. 250+45.42

NOTE: REFER TO THE "DESIGN DECISION FOR THE CONTEXTUAL DESIGN ELEMENTS" TABLE SHOWN ON RD-CTS STANDARD COMPLETED FOLLOWING PROJECT SCOPING GUIDE FOR ROADWAY TYPICAL SECTION ALLOCATION AND DIMENSIONS.



TANGENT SECTION
SR-22

(BASED ON STD. DWG. RD18-TS-6D)
FROM STA. 248+58.77 TO STA. 250+45.79

(A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

(B) SEE STANDARD DRAWINGS RD11-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES, TOE OF FILL SLOPES, AND SPECIAL ROCK TREATMENT.

(C) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

(D) FROM 16' STA. 248+58.77 TO 22.5' STA. 250+45.79.

(E) TRANSITIONS FROM 0' AT STA. 247+31.00 TO 18' AT STA. 250+45.79.

(F) TRANSITIONS FROM 24.5' AT STA. 248+58.77 TO 0' AT STA. 250+45.79.

(G) TRANSITIONS FROM 0' AT STA. 248+58.77 TO 16' AT STA. 250+98.77.

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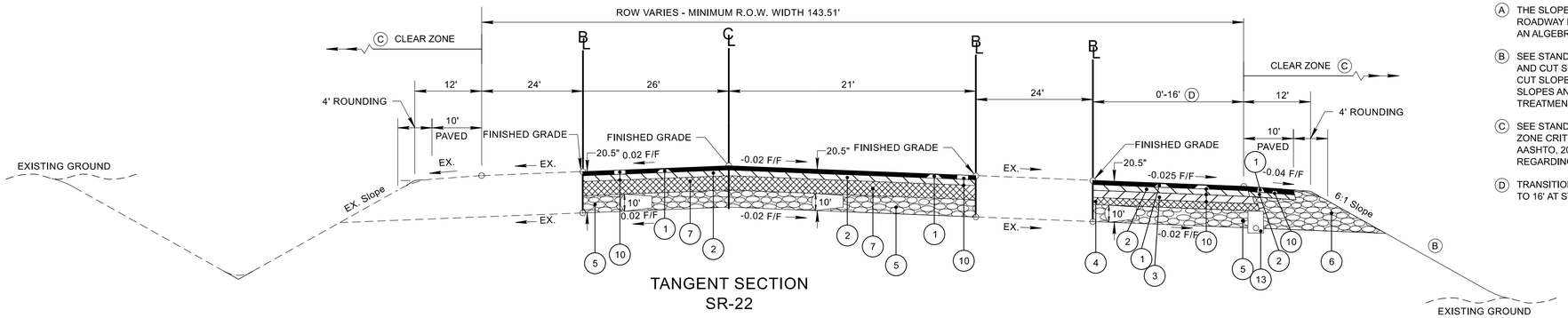
TYPICAL SECTIONS

SHEET 2 OF 6

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2B2
PLAN-IN-HAND	2025	09S022-S3-005	2B2
PS&E	2026	09S022-S3-005	2B2

NOTE: REFER TO THE "DESIGN DECISION FOR THE CONTEXTUAL DESIGN ELEMENTS" TABLE SHOWN ON RD-CTS STANDARD COMPLETED FOLLOWING PROJECT SCOPING GUIDE FOR ROADWAY TYPICAL SECTION ALLOCATION AND DIMENSIONS.



TANGENT SECTION
SR-22

(BASED ON STD. DWG. RD18-TS-6C)
FROM STA. 250+45.79 TO STA. 255+24.20

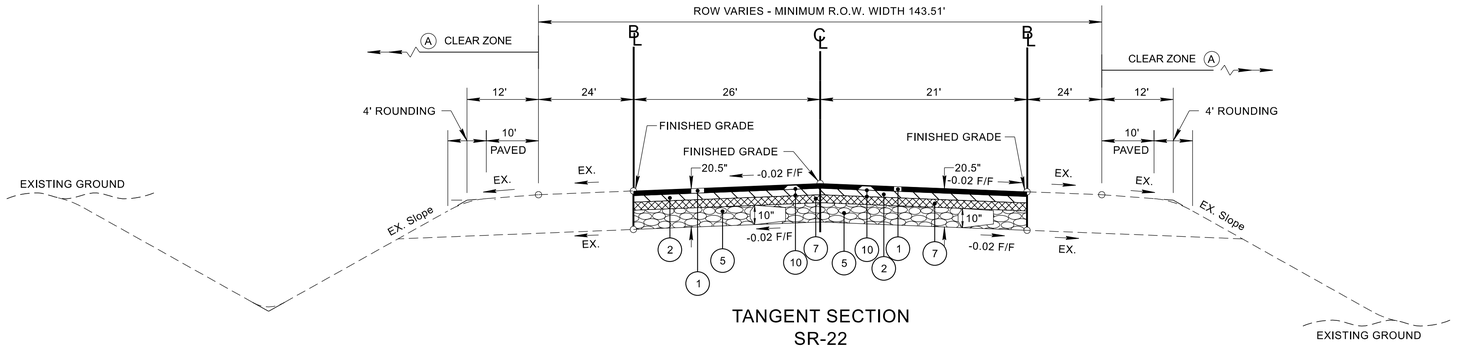
Ⓐ THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

Ⓑ SEE STANDARD DRAWINGS RD11-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.

Ⓒ SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

Ⓓ TRANSITIONS FROM 0' AT STA. 248+58.77 TO 16' AT STA. 250+98.77.

NOTE: REFER TO THE "DESIGN DECISION FOR THE CONTEXTUAL DESIGN ELEMENTS" TABLE SHOWN ON RD-CTS STANDARD COMPLETED FOLLOWING PROJECT SCOPING GUIDE FOR ROADWAY TYPICAL SECTION ALLOCATION AND DIMENSIONS.



TANGENT SECTION
SR-22

(BASED ON STD. DWG. RD18-TS-6C)
FROM STA. 255+87.11 TO STA. 258+21.57

Ⓐ SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

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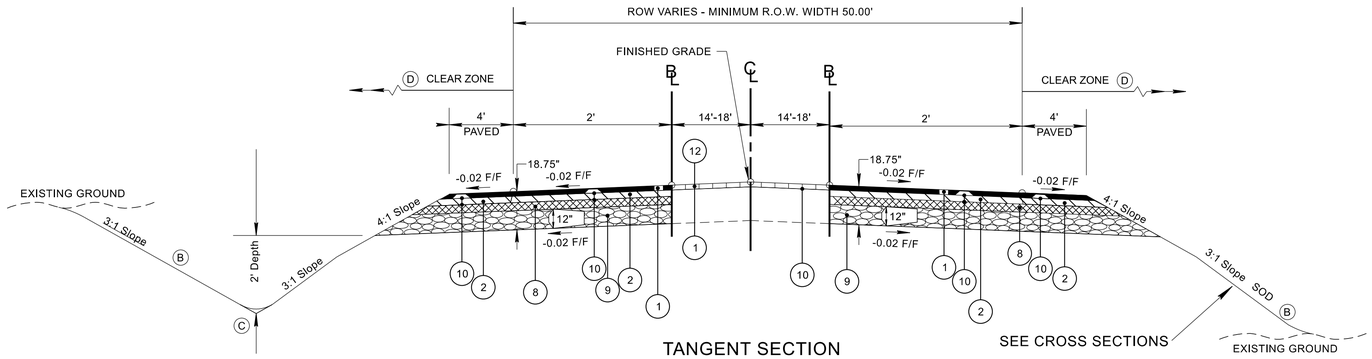
TYPICAL SECTIONS

SHEET 3 OF 6

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2B3
PLAN-IN-HAND	2025	09S022-S3-005	2B3
PS&E	2026	09S022-S3-005	2B3

NOTE: REFER TO THE "DESIGN DECISION FOR THE CONTEXTUAL DESIGN ELEMENTS" TABLE SHOWN ON RD-CTS STANDARD COMPLETED FOLLOWING PROJECT SCOPING GUIDE FOR ROADWAY TYPICAL SECTION ALLOCATION AND DIMENSIONS.



TANGENT SECTION
ROCHELLE ROAD

(BASED ON STD. DWG. RD18-TS-2A)
FROM STA. 129+85.50 TO STA. 136+44.52

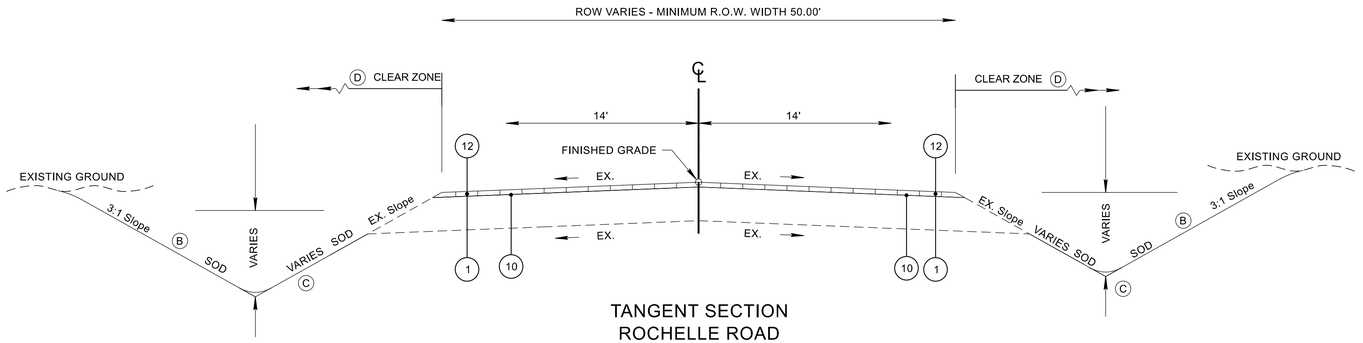
(A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHOULD NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

(B) SEE STANDARD DRAWINGS RD11-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK TREATMENT.

(C) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

NOTE: REFER TO THE "DESIGN DECISION FOR THE CONTEXTUAL DESIGN ELEMENTS" TABLE SHOWN ON RD-CTS STANDARD COMPLETED FOLLOWING PROJECT SCOPING GUIDE FOR ROADWAY TYPICAL SECTION ALLOCATION AND DIMENSIONS.



TANGENT SECTION
ROCHELLE ROAD

(BASED ON STD. DWG. RD18-TS-2A)
FROM STA. 136+44.52 TO STA. 137+22.13

(A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHOULD NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

(B) SEE STANDARD DRAWINGS RD11-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK TREATMENT.

(C) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

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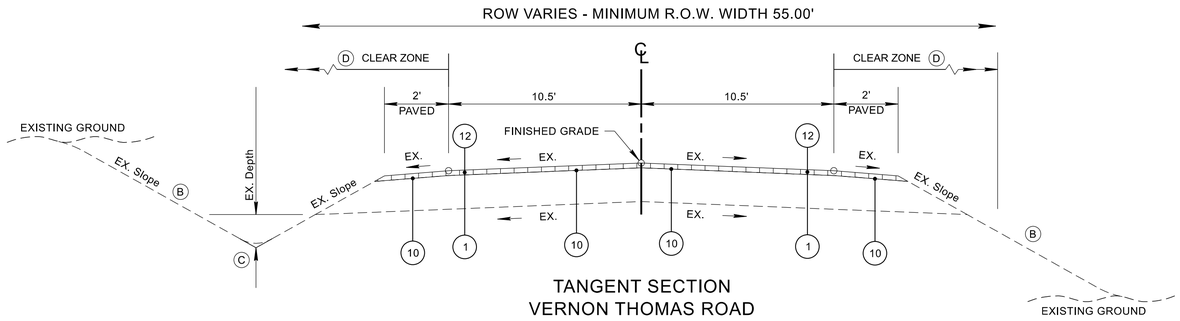
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TYPICAL SECTIONS

SHEET 4 OF 6

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2B4
PLAN-IN-HAND	2025	09S022-S3-005	2B4
PS&E	2026	09S022-S3-005	2B4



TANGENT SECTION
VERNON THOMAS ROAD

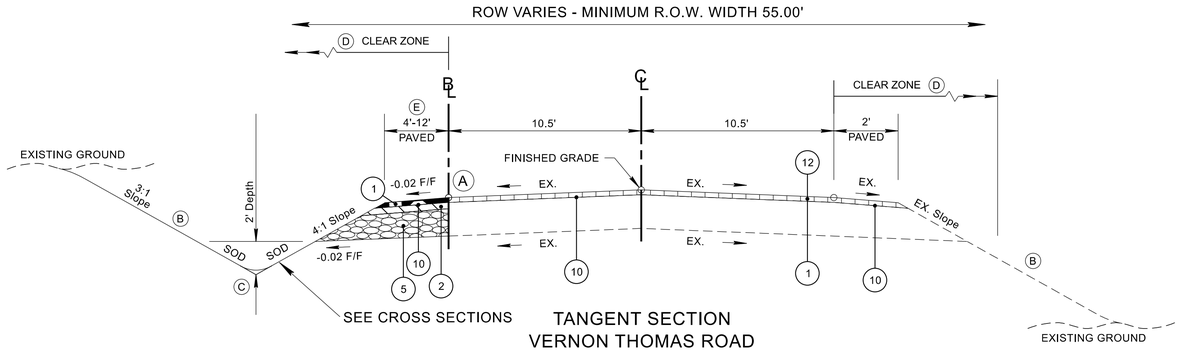
(BASED ON STD. DWG. RD18-TS-2A)
FROM STA. 27+99.57 TO STA. 28+10.25
FROM STA. 28+44.63 TO STA. 28+69.85

A THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHOULD NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

B SEE STANDARD DRAWINGS RD11-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK TREATMENT.

C SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

D SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.



TANGENT SECTION
VERNON THOMAS ROAD

(BASED ON STD. DWG. RD18-TS-2A)
FROM STA. 28+10.25 TO STA. 28+44.63

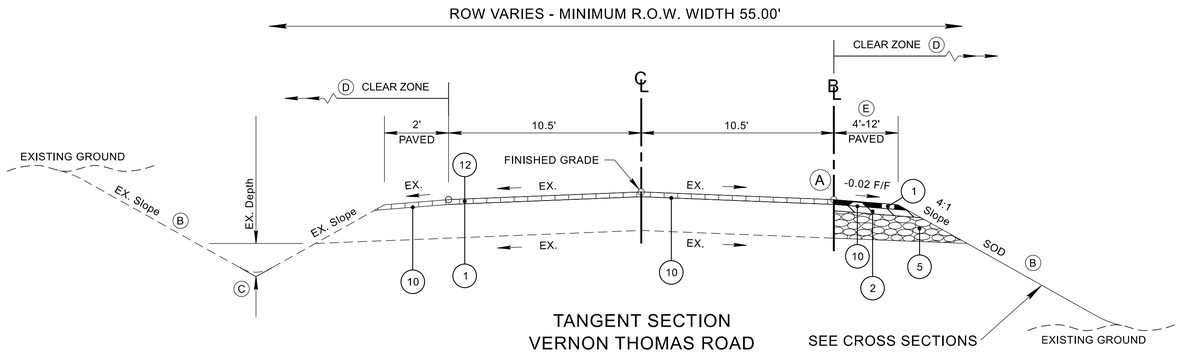
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B SEE STANDARD DRAWINGS RD11-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK TREATMENT.

C SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

D SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

E TRANSITIONS FROM 4' AT STA. 28+10.25 TO 12' AT STA. 28+44.63.



TANGENT SECTION
VERNON THOMAS ROAD

(BASED ON STD. DWG. RD18-TS-2A)
FROM STA. 28+69.85 TO STA. 29+22.54

A THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHOULD NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

B SEE STANDARD DRAWINGS RD11-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK TREATMENT.

C SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

D SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

E TRANSITIONS FROM 4' AT STA. 28+69.85 TO 12' AT STA. 29+22.54.

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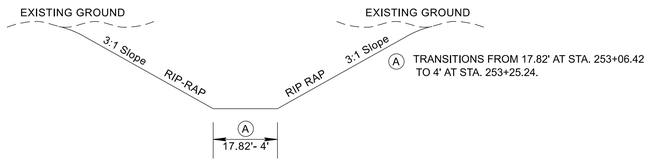
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SHEET 5 OF 6

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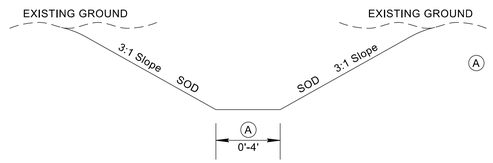
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	09S022-S3-005	2B5



A TRANSITIONS FROM 17.82' AT STA. 253+06.42 TO 4' AT STA. 253+25.24.

SPECIAL TRAPOZIOD DITCH
SR-22

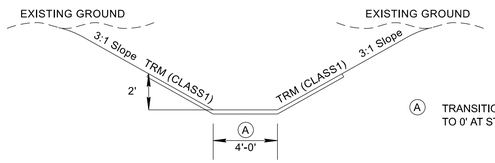
RT FROM STA. 253+06.42 TO STA. 253+25.24



A TRANSITIONS FROM 0' AT STA. 255+17.48 TO 4' AT STA. 255+60.68.

SPECIAL TRAPOZIOD DITCH
SR-22

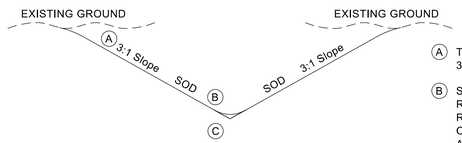
LT FROM STA. 255+17.48 TO STA. 255+60.68



A TRANSITIONS FROM 4' AT STA. 256+87.01 TO 0' AT STA. 257+55.01.

SPECIAL TRAPOZIOD DITCH
SR-22

LT FROM STA. 256+87.01 TO STA. 257+55.01



A TRANSITIONS FROM 15:1 AT STA. 27+99.22 TO 3:1 AT STA. 28+10.63.

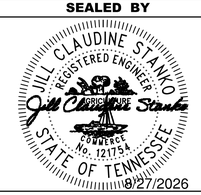
B SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.

C SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

SPECIAL V DITCH
VERNON THOMAS ROAD

LT FROM STA. 27+99.22 TO STA. 28+10.63

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

SHEET 5 OF 6

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2B5
PLAN-IN-HAND	2025	09S022-S2-005	2B5
PS&E	2026	09S022-S2-005	2B6

PROPOSED PAVEMENT SCHEDULE

(1) ASPHALTIC CONCRETE SURFACE (HOT MIX) PG70-22 GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.5 LB./S.Y.) 411-02.10 ACS MIX (PG70-22) GRADING "D"	(8) BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A" @ 3.50" THICK (APPROX. 402.5 LB./S.Y.) 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A"
(2) BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "B-M2" @ 2.00" THICK (APPROX. 226 LB./S.Y.) 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "B-M2"	(9) MINERAL AGGREGATE, 12" THICK 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
(3) BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A" @ 4.00" THICK (APPROX. 460 LB./S.Y.) 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A"	(10) TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD.
(4) BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A-S" @ 3.25" THICK (APPROX. 344.5 LB./S.Y.) 307-01.21 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A-S"	(11) CONCRETE, 4" THICK 604-01.01 CLASS A CONCRETE (ROADWAY)
(5) MINERAL AGGREGATE, 10" THICK 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"	(12) COLD PLANING @ 1.25" THICK (APPROX. 131.25 LB./S.Y.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT
(6) MINERAL AGGREGATE, 17.25" THICK 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"	(13) UNDERDRAIN (SEE STD. RD-UD-3) 710-02 AGGREGATE UNDERDRAIN (WITH PIPE)
(7) BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A" @ 7.25" THICK (APPROX. 833.75 LB./S.Y.) TO BE APPLIED IN ONE LIFT OF 4.00" AND ONE LIFT OF 3.25". 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A"	

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8/27/2026

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DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

SHEET 6 OF 6

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PLAN-IN-HAND	2025	09S022-S3-005	2C
PS&E	2026	09S022-S3-005	2C

GENERAL NOTES

GRADING

(1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

(2) CERTIFICATION FOR ALL BORROW PITS MUST BE OBTAINED IN ACCORDANCE WITH SUBSECTION 107.06 OF THE STANDARD SPECIFICATIONS.

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

SEEDING AND SODDING

(2) SOD SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS TO PREVENT DAMAGE TO ADJACENT FACILITIES AND PROPERTY DUE TO EROSION ON ALL NEWLY GRADED CUT AND FILL SLOPES AS WORK PROGRESSES.

DRAINAGE

(1) THE CONTRACTOR SHALL SHAPE DITCHES TO THE SPECIFIED DESIGN. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

(2) EXCAVATION FOR PIPE CULVERTS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE.

(3) CULVERT EXCAVATION FOR CONCRETE BOX OR SLAB TYPE CULVERTS OR BRIDGES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

(4) THE CUTTING OF INLET AND OUTLET DITCHES WHERE SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER WILL BE MEASURED AND PAID FOR AS ITEM NO. 203-01 ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED).

(5) WHERE A CULVERT (PIPE, SLAB OR BOX) IS MOVED TO A NEW LOCATION OTHER THAN THAT SHOWN ON THE PLANS, INCREASING OR DECREASING THE AMOUNT OF CULVERT EXCAVATION WILL NOT RESULT IN AN INCREASE OR DECREASE IN THE AMOUNT OF PAYMENT THAT WILL BE MADE DUE TO SUCH CHANGE.

(6) DURING CONSTRUCTION OF DRAINAGE STRUCTURES ALL COST ASSOCIATED WITH MAINTAINING THE FLOW OF WATER AND TRAFFIC, AT THESE STRUCTURES, DURING THE PHASED CONSTRUCTION OF THIS PROJECT ARE TO BE INCLUDED IN THE UNIT PRICE OF THE DRAINAGE STRUCTURES AND TRAFFIC CONTROL ITEMS.

(7) ALL EXISTING PIPES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER THAT ARE TO BE LEFT IN PLACE AND ABANDONED MUST BE BACKFILLED AND PLUGGED. ALL COST FOR THIS WORK SHALL BE INCLUDED IN ITEM NO. 204-08.01, BACKFILL MATERIAL (FLOWABLE FILL), C.Y.

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

(2) 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. 716-05.20, PAINTED PAVEMENT MARKING (6" LINE), L.M.

(4) WIDE (8 INCH) TEMPORARY PAVEMENT MARKING LINE WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.02 PAINTED PAVEMENT MARKING (8" BARRIER LINE), L.F.

FINAL PAVEMENT MARKING

(6) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:

a. BROOMING & DE-GRASSING SHOULDERS SHALL INCLUDE CLIPPING OF MATERIAL INTERFERING WITH PROPER DRAINAGE OF ROADWAY (INCLUDING PAVED AND GRAVEL SHOULDERS), AS DIRECTED BY THE ENGINEER.

b. ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE ENGINEER.

c. ALL COSTS ASSOCIATED WITH PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.

d. REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

(8) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

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

PAVING

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

(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.

(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.

SIGNING

(1) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND. THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL EXTRUDED PANEL SIGNS SHALL BE DIRECT APPLIED OR DEMOUNTABLE. ALL EXTRUDED PANEL SIGNS SHALL BE ATTACHED TO THE SIGN FACE, AS OUTLINED IN THE STANDARD SPECIFICATIONS. ALL SHIELDS ON GUIDE SIGNS SHALL BE DIRECT APPLIED OR DEMOUNTABLE AND ATTACHED TO THE SIGN FACE AS OUTLINED IN THE STANDARD SPECIFICATIONS.

(2) FOR ALL PERMANENT PANEL SIGNS WITH A SILVER-WHITE, YELLOW, RED, GREEN, BROWN, OR BLUE BACKGROUND, PROVIDE REFLECTIVE SHEETING THAT MEETS OR EXCEEDS AASHTO M268, TYPE D.

(4) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE LENGTHS WERE COMPUTED FROM THE CROSS-SECTIONS CONTAINED IN THE CONSTRUCTION PLANS. IN THE EVENT THE SUPPORT LENGTHS ARE 2 FEET SHORTER OR LONGER THAN SHOWN ON THE PLANS, THE ENGINEER SHALL VERIFY THE SUPPORT TYPE WITH THE TRAFFIC DESIGN DIVISION, SIGNING SECTION, TELEPHONE NO. (615)-741-0802. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ORDERING MATERIAL.

(5) THE TOP OF THE SIGN FOOTINGS SHALL BE PLACED LEVEL WITH THE GROUND LINE.

(6) AFTER THE SIGN LOCATIONS HAVE BEEN STAKED, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE APPROPRIATE REGIONAL OPERATIONS OR CONSTRUCTION OFFICE PRIOR TO ORDERING MATERIAL OR INSTALLING THE SUPPORTS. PAYMENT FOR LOCATION AND STAKING SHALL BE INCLUDED IN THE BID PRICE FOR OTHER ITEMS OF CONSTRUCTION. ANY RELOCATION REQUIRED DUE TO INCORRECT INSTALLATION SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

(7) ALL SIGNS MARKED "TO BE REMOVED" ARE TO BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER ITEM NO. 713-15 AND BECOME THE PROPERTY OF THE CONTRACTOR.

(8) THE EXISTING FOOTINGS ARE TO BE REMOVED 6 INCHES BELOW GROUND LINE.

(9) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY THE SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON SIGNS WITH GREEN OR BROWN BACKGROUNDS.

(10) ALL SIGNS WHICH INTERFERE WITH CONSTRUCTION WILL BE RELOCATED OUTSIDE LIMITS OF CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL RESTORE THE SIGNS TO ORIGINAL LOCATION. THE CONTRACTOR SHALL CHECK WITH THE REGIONAL TRAFFIC ENGINEER PRIOR TO MOVING ANY PERMANENT SIGNS.

SEALED BY

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8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PLAN-IN-HAND	2025	09S022-S3-005	2C1
PS&E	2026	09S022-S3-005	2C1

GENERAL NOTES CONTINUED

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.

(8) ALL DETOURS SHALL BE PAVED, STRIPED, SIGNED, AND FLEXIBLE DRUMS ARE TO BE IN PLACE BEFORE IT IS OPENED TO TRAFFIC.

(9) THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING CONSTRUCTION SIGNS. THE COST OF THIS WORK SHALL BE INCLUDED IN ITEM NO. 712-06, SIGNS (CONSTRUCTION), S.F.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PLAN-IN-HAND	2025	09S022-S3-005	2D
PS&E	2026	09S022-S3-005	2D

SPECIAL NOTES

GRADING

(1) THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.

(2) BORING DEPICTIONS SHOWN ON THE FOUNDATION DATA SHEETS, SOILS SHEETS, PLANS, AND CROSS-SECTIONS INDICATE SOIL AND ROCK CONDITIONS AT THE SPECIFIC BORING LOCATIONS. ANY SOIL PROFILE AND/OR ROCK LINE IS INTERPRETIVE BASED ON THE JUDGMENT OF THE GEOTECHNICAL ENGINEER/GEOLOGIST. THE TRANSITION BETWEEN BORINGS AND LAYERS MAY VARY SIGNIFICANTLY DEPENDING ON THE GEOLOGIC FORMATIONS ENCOUNTERED.

(3) TO ASSIST IN BID PREPARATION FOR EARTHWORK AND FOUNDATION CONSTRUCTION, DETAIL ROCK AND SOIL DESCRIPTION AND ON SOME PROJECTS, ROCK CORE SAMPLES ARE AVAILABLE FOR INSPECTION AT THE MATERIALS AND TESTS HEADQUARTERS AT 6601 CENTENNIAL BOULEVARD, NASHVILLE, TN OR AT THE TDOT REGION 1 BUILDING IN KNOXVILLE, TN.

(4) THE CONTRACTOR SHALL UTILIZE ALL INFORMATION PROVIDED IN THE PLANS, CROSS-SECTIONS AND CONTRACT DOCUMENTS INCLUDING ANY SPECIAL PROVISIONS AS WELL AS UTILIZING HIS PAST EXPERIENCE WITH PROJECTS OF SIMILAR NATURE, SCOPE AND LOCATION IN PREPARATION OF HIS BID FOR EARTHWORK ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE EQUIPMENT AND MEANS NECESSARY TO CONDUCT THE EXCAVATION ACTIVITIES IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.

(5) EARTHWORK IS PAID FOR UNDER ITEM NO. 203-01, ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED). NO ADDITIONAL PAYMENT WILL BE MADE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIM THAT THE QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS AMENDED IN SUPPLEMENTAL SPECIFICATIONS.

PAVEMENT

RESURFACING

(1) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:

A. BROOMING & DEGRASSING SHALL INCLUDE NOTCHING THE GRAVEL SHOULDER PRIOR TO MILLING. THE NOTCH SHALL BE 1.5 IN DEEP AND 2 FT WIDE, OR AS DIRECTED BY THE TDOT PROJECT ENGINEER.

B. ALL MATERIAL FROM NOTCHING AND BROOMING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE TDOT PROJECT ENGINEER.

C. ALL COSTS ASSOCIATED WITH NOTCHING, PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	2E
PLAN-IN-HAND	2025	09S022-S3-005	2E
PS&E	2026	09S022-S3-005	2E

ENVIRONMENTAL NOTES

SUBSECTION 1 – ENVIRONMENTAL GENERAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

(1) SOIL MATERIALS MUST BE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. EPSC MEASURES TO PROTECT NATURAL RESOURCES AND WATER QUALITY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. APPROPRIATE EPSC MEASURES MUST BE INSTALLED ALONG THE BASE OF ALL FILLS AND CUTS, ON THE DOWNHILL SIDE OF STOCKPILED SOIL, AND ALONG NATURAL RESOURCES IN CLEARED AREAS TO PREVENT SEDIMENT MIGRATION INTO STREAMS, WETLANDS OR OTHER NATURAL FEATURES IN ACCORDANCE WITH TDOT STANDARDS. EPSC MEASURES SHALL BE INSTALLED ON THE CONTOUR, ENTRENCHED AND STAKED, AND EXTEND THE WIDTH OF THE AREA TO BE CLEARED.

(2) NEW CHANNEL CONSTRUCTION SHALL BE COMPLETED IN THE DRY AND STABILIZED FOR AT LEAST 72 HOURS PRIOR TO DIVERTING WATER FROM THE EXISTING AND/OR TEMPORARY CHANNEL.

(3) INSTREAM EPSC DEVICES REQUIRE THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION REVIEW AND MUST BE PROCESSED BY THE PERMITS SECTION TO OBTAIN WATER QUALITY PERMITS.

(4) THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS AND EPHEMERAL, INTERMITTENT, AND PERENNIAL STREAMS, IS NOT ALLOWED.

(5) THE WIDTH OF THE FILL ASSOCIATED WITH TEMPORARY CROSSINGS SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR THE ACTUAL CROSSING, NOT TO EXCEED THE WIDTH SPECIFIED IN THE STANDARD DRAWING.

(6) STREAM BEDS SHALL NOT BE USED AS TRANSPORTATION ROUTES FOR CONSTRUCTION EQUIPMENT. TEMPORARY CULVERT CROSSINGS SHALL BE LIMITED TO ONE POINT PER STREAM AND EPSC MEASURES SHALL BE USED WHERE THE STREAM BANKS ARE DISTURBED. WHERE THE STREAMBED IS NOT COMPOSED OF BEDROCK, A PAD OF CLEAN ROCK SHALL BE USED AT THE CROSSING POINT AND CULVERTED TO PREVENT THE IMPOUNDMENT OF WATER FLOW. CLEAN ROCK IS ROCK OF VARIOUS TYPE AND SIZE, DEPENDING UPON APPLICATION, WHICH CONTAINS NO FINES, SOILS, OR OTHER WASTES OR CONTAMINANTS. OTHER MATERIALS USED FOR ALL TEMPORARY FILLS SHALL BE COMPLETELY REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED AND THE AFFECTED AREAS RETURNED TO PREEXISTING ELEVATIONS. ALL TEMPORARY CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DWG. EC-STR-25 UNLESS SPECIFICALLY ADDRESSED IN THE EPSC PLANS. ALTERNATIVELY, PLACING A TEMPORARY BRIDGE (E.G. BAILEY BRIDGE OR EQUIVALENT, TIMBERS, ETC.) FROM TOP OF BANK TO TOP OF BANK OR THE APPROPRIATE USE OF BARGES AT THE CROSSING TO AVOID DISTURBANCE OF THE STREAMBED IS AN ACCEPTABLE OPTION.

(7) HEAVY EQUIPMENT WORKING IN WETLANDS WITH PERMITTED TEMPORARY IMPACTS SHALL BE PLACED ON MATS, OR OTHER MEASURES MUST BE TAKEN TO MINIMIZE SOIL DISTURBANCE AND COMPACTION UNLESS SPECIFICALLY ADDRESSED IN THE CONSTRUCTION PLANS. ANY MATS AND OTHER MEASURES USED FOR HEAVY EQUIPMENT SHALL BE REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED. ALL AFFECTED AREAS SHOULD BE RETURNED TO PRE-EXISTING CONDITIONS.

(8) WETLANDS SHALL NOT BE USED AS EQUIPMENT STORAGE, STAGING, OR TRANSPORTATION AREAS, UNLESS SPECIFICALLY PROVIDED FOR IN THE CONSTRUCTION PLANS AND PERMITS.

(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

(10) NO ACTIVITY MAY SUBSTANTIALLY DISRUPT THE MOVEMENT OF THOSE SPECIES OF AQUATIC LIFE INDIGENOUS TO THE WATER BODY, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA.

(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

(13) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND OBTAIN ANY NECESSARY ENVIRONMENTAL PERMITS OR APPROVALS, INCLUDING BUT NOT LIMITED TO ARCHAEOLOGY, ECOLOGY, HISTORICAL, HAZARDOUS MATERIALS, AIR AND NOISE, TDEC ARAP/401, USACE SECTION 404, TVA SECTION 26A, AND TDEC NPDES PERMITS, FROM FEDERAL, STATE AND/OR LOCAL AGENCIES REGARDING ANY MATERIAL AND STAGING AREAS AND THE OPERATION OF ANY PROJECT-DEDICATED ASPHALT AND/OR CONCRETE PLANTS TO BE USED. ANY SUCH PERMITS SHALL BE SUPPLIED TO THE TDOT PROJECT RESPONSIBLE PARTY PRIOR TO THE USE OF THE PERMITTED AREA(S).

(14) ANY DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, THE PROJECT AS CONSTRUCTED, AND THE PERMIT(S) ISSUED FOR THE PROJECT, SHALL BE BROUGHT TO THE ATTENTION OF THE TDOT PROJECT RESPONSIBLE PARTY. THE ENVIRONMENTAL DIVISION, DESIGN DIVISION, AND HEADQUARTERS CONSTRUCTION OFFICE SHALL BE CONTACTED IN THESE INSTANCES AND DECIDE WHICH HAS PRECEDENCE AND WHETHER PERMIT OR PLANS REVISIONS ARE NEEDED. IN GENERAL, PERMIT CONDITIONS WILL PREVAIL.

(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 PROJECT MANAGER SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.

(16) THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATE. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE TDOT PROJECT RESPONSIBLE PARTY TO COMMENCE PERMIT RENEWAL PROCESS.

(17) ALL WATER QUALITY PERMITS SHALL BE POSTED NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE ACCESSIBLE TO THE PUBLIC. THE NAME, COMPANY NAME, EMAIL ADDRESS, TELEPHONE NUMBER AND ADDRESS OF THE PROJECT SITE OWNER, OPERATOR, OR A LOCAL CONTACT PERSON WITH A BRIEF DESCRIPTION OF THE PROJECT SHALL ALSO BE POSTED. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE, THE INFORMATION SHALL BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION NEAR WHERE THE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY. THIS LOCATION SHALL BE POSTED AT THE CONSTRUCTION SITE. ALL POSTINGS SHALL BE MAINTAINED IN LEGIBLE CONDITION.

SUPPORT ACTIVITIES

(18) MATERIALS AND STAGING AREAS SHALL NOT AFFECT ANY WATERS OF THE STATE/U.S. UNLESS THESE AREAS ARE SPECIFICALLY COVERED BY ENVIRONMENTAL PERMITS, OBTAINED SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATES. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE TDOT PROJECT RESPONSIBLE PARTY TO COMMENCE PERMIT RENEWAL PROCESS.

ENVIRONMENTAL

20) EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

SUBSECTION 2 – ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

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

ECOLOGY

(2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR A DESIGNATED CONSULTANT WILL NEED TO BE ONSITE FOR WORK BEING DONE WHICH COULD AFFECT WATERS OF THE STATE/U.S. OR SPECIES.

(3) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS THAT MUST BE FOLLOWED.

(4) ALL PROJECTS WITH LEGALLY PROTECTED SPECIES OR CRITICAL HABITAT IDENTIFIED SHALL HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER WATERS OF THE STATE/U.S.

SCOPE OF WORK

(6) THIS PROJECT INCLUDES INTERSECTION IMPROVEMENTS AT SR-22, ROCHELLE ROAD, AND VERNON THOMAS ROAD. SR-22 WILL ADD A RIGHT TURN LANE ONTO ROCHELLE ROAD, NEW MEDIAN LEFT TURN LANES TO VERNON THOMAS ROAD AND ROCHELLE ROAD, AND AN ACCELEREATION LANE SOUTH BOUND. ROCHELLE ROAD AND VERNON THOMAS ROAD WILL BE WIDENED. OTHER ITEMS INCLUDE RESURFACING, PAVEMENT MARKINGS, GRADING, TRAFFIC CONTROL AND EROSION CONTROL AND SEDIMENT PREVENTION.

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
SIGNATURE
COMMERCE
No. 121754
STATE OF TENNESSEE
9/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PLAN-IN-HAND	2025	09S022-S3-005	2F
PS&E	2026	09S022-S3-005	2F

REV. 11/02/2026:
REVISED PAVEMENT QUANTITIES TABLE.

PAVEMENT QUANTITIES

LOCATION (ROADWAY)	TYPE - GRADE - PAY ITEM (TON)						COLD PLANING BITUMINOUS PLANT MIX
	MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX)			TACK COAT	ASPHALTIC CONCRETE SURFACE (HOT MIX)	
	D	A	A-S	B-M2		D	TON
	303-01	307-02.01	307-01.21	307-02.08	403-01	411-02.10	415-01.01
SR-22	5811	2186	188	816	6	477	
ROCHELLE ROAD	888	138		77	2	226	179
VERNON THOMAS ROAD	107			11	0	44	37
TOTALS	6806	2324	188	904	8	746	216

SPECIAL DITCHES

ROADWAY	STATION		SIDE	DETAIL NO.	CONFIGURATION			CLASS A CONC. 604-01.01 (C.Y.)	SODDING NEW SOD 803-01 (S.Y.)
	FROM	TO			FORE (H/V)	BOTTOM WIDTH (FT.)	BACK (H/V)		
VERNON THOMAS ROAD	27+99.22	28+10.63	LT		3:1	0	3:1		47
SR-22	248+15.00	250+45.42	MED		6:1	0	6:1	31	
SR-22	255+17.48	255+60.68	LT		3:1	0 TO 4	3:1		117
SR-22	256+87.01	257+55.01	LT		3:1	4 TO 0	3:1		168
SR-22	253+06.42	253+25.24	RT		3:1	17.82 TO 4	3:1		258
TOTALS								31	589

REMOVAL OF STRUCTURES

SHEET NO.	STATION	LOCATION	DESCRIPTION	REMARKS
4	249+51.97	SR-22 - MEDIAN	EXISTING CATCH BASIN	
4	249+51.97	SR-22 - NORTH SIDE	EXISTING ENDWALL	
5	256+26.17	SR-22 - MEDIAN	EXISTING CATCH BASIN	
5	256+26.06	SR-22 - SOUTH SIDE	EXISTING ENDWALL	
5	132+15.94	ROCHELLE ROAD - SOUTH SIDE	EXISTING ENDWALL	
5	132+46.94	ROCHELLE ROAD - SOUTH SIDE	EXISTING ENDWALL	
5	132+46.95	ROCHELLE ROAD - NORTH SIDE	EXISTING ENDWALL	
5	133+56.03	ROCHELLE ROAD - NORTH SIDE	EXISTING FENCE	
5	28+63.93	VERNON THOMAS ROAD - WEST SIDE	EXISTING ENDWALL	
5	28+63.94	VERNON THOMAS ROAD - EAST SIDE	EXISTING ENDWALL	
7	137+20.00	ROCHELLE ROAD - NORTH SIDE	EXISTING FENCE	

CATCH BASINS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE ELEV.	INVERT ELEV.	DEPTH (FT.)	INSIDE DIM.	STANDARD DRAWING NO.	PAY ITEMS TYPE 38 611-38.01 0'-4'
5B	SR-22	258+24.60	14.47	CB1	490.34	486.84	3.71	32"X32"	D-CB-38S	1
TOTALS										1

RIGHT OF WAY MARKERS

SHEET NO.	Item #: 708-02.01 QUANTITIES "B"	TOTALS
5A	1	1
TOTALS		1

STORM DRAIN ENDWALLS

LOCATION \ SHEET NO.	STATION	OFFSET (FT.)	SKEW	CODE	TYPE	STANDARD DRAWING NO.	RIP-RAP CLASS C 709-05.09 (TON)	SAFETY ENDWALLS (ITEM NO. 611-07.54 THRU 611-07.71 SERIES) 18 IN. 4:1 07.55 (EACH)	30" IN. 3:1 07.60 (EACH)	30" IN. 4:1 07.61 (EACH)
VERNON THOMAS ROAD / 5B	28+21.32	-52.09	59°	EW1	EW	D-PE-30A/B				1
VERNON THOMAS ROAD / 5B	28+73.14	33.54	59°	EW2	EW	D-PE-30A/B				1
SR-22 / 5B	258+24.35	65.43	90°	EW3	EW	D-PE-18A/B		1		
ROCHELLE ROAD / 5B	132+47.03	-58.86	90°	EW4	EW	D-PE-30A/B			1	
ROCHELLE ROAD / 5B	132+46.84	90.7	90°	EW5	EW	D-PE-30A/B	199		1	
TOTALS							199	1	2	2

ESTIMATED GRADING QUANTITIES

DESCRIPTION	UNADJUSTED VOLUMES (CY) EXC.	EMB.	ADJUSTED VOLUMES (CY) EXC.
MAINLINE	1305	3935	1110
SIDE ROADS	1219	1157	1037
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES			
INDEPENDENT DITCHES			
TEMPORARY CONSTRUCTION EXITS	16	0	14
OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...)	1225	945	1042
TOPSOIL (EMB.)	1570	1570	
TOPSOIL (EXC.)	1036		
TOPSOIL TOTALS (SEE TOPSOIL TABLE)			

ROCK (C.Y.) EXC.	EMB.	TOTALS (C.Y.) EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
0	0	6371	7607	6371	2540	2159

BALANCE SUMMARY
SHRINK = 15 % SWELL = 15 %

EMB.		EXC.	
7607	VS.	-2159	
AVAILABLE	=	5448	
BORROW MATERIAL	=	6266	
ROAD & DRAINAGE	=	7327	

STORM DRAINAGE PIPES

SHEET NO.	INLET CODE NO.	INLET ELEV.	OUTLET CODE NO.	OUTLET ELEV.	% GRADE	REINFORCED CONCRETE PIPE - CLASS, ITEM NO., SIZE & LENGTH (FT.) CLASS III 607-03.02 18"	CLASS III 607-06.02 30"
5B	EW1	478.75	EW2	477.68	1.07%		100'
5B	CB1	486.84	EW3	486.13	1.42%	50'	
5B	EW4	459.49	EXIST	459.22	4.27%		6'
5B	EXIST	448.91	EW5	448.67	4.89%		5'
TOTALS						50'	111'

TOPSOIL

PROPOSED SLOPE AREA S.F.	EXISTING TOPSOIL (EXC.)	EXISTING TOPSOIL (EMB.)	EXISTING TOPSOIL (TOTAL) C.Y.	REQUIRED TOPSOIL C.Y.	PLACING TOPSOIL 203-04 C.Y.	FURNISHED TOPSOIL 203-07 C.Y.	EXCESS TOPSOIL C.Y.
83205	1036	1570	2606	1541	1541	0	1065

REMOVAL OF PIPES

SHEET NO.	STATION	LOCATION	DESCRIPTION	REMARKS
5	28+63.94	VERNON THOMAS ROAD	EXISTING 30" RCP	

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
No. 121754
STATE OF TENNESSEE
11/02/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	3
PLAN-IN-HAND	2025	09S022-S3-005	3
PS&E	2026	09S022-S3-005	3

RIGHT-OF-WAY

(2) ALL RAMPS MUST CONFORM TO THE DEPARTMENT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS", THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY, STANDARD ROADWAY DRAWING RP-R-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.

(6) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.

(9) ON PROJECTS WITHOUT CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT AND TO CONSTRUCT ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.

(11) ON NON-STATE ROUTES, ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS SHALL REQUIRE A PERMIT ONLY IF THE LOCAL AGENCY SPECIFIES THE NEED FOR THAT PERMIT.

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

TELEPHONE / FIBER OPTIC:

AT&T
315 EAST COLLEGE STREET
JACKSON, TN 38301
CONTACT: DANIEL POTTS
OFFICE PHONE: 901 488 2359
Email: DP7607@ATT.COM

ELECTRIC:

CARROLL COUNTY ELECTRIC DEPARTMENT
103 WEST PARIS STREET
HUNTINGDON, TN 38344
CONTACT: JAMES TAYLOR
OFFICE PHONE: 731 968 8284
Email: JTAYLOR@CCELECTRIC.ORG

GAS:

WEST TENNESSEE PUBLIC UTILITY DISTRICT
14055 PARIS ST.
HUNTINGDON, TN 38344
CONTACT: JACOB ALLEN, P.E.
OFFICE PHONE: 731 535 6134
CELL PHONE: 731 415 3806
Email: JACOB@WTPUD.COM

SEALED BY

JILL CLAUDINE STANKO
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COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY
NOTES,
UTILITY NOTES
AND
UTILITY OWNERS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	3A
PLAN-IN-HAND	2025	09S022-S3-005	3A
PS&E	2026	09S022-S3-005	3A

REV. 08-01-2024
UPDATED OWNER NAME ON TRACTS 6 AND 7.

R.O.W. ACQUISITION TABLE

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA (ACRES)			AREA TO BE ACQUIRED (ACRES)			AREA REMAINING (ACRES)		EASEMENT (SQUARE FEET)				
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM DRAINAGE	SLOPE	CONST	AIR RIGHTS	PERM RAILROAD
				BOOK	PAGE													
1	KATHY F. WHITE, ETAL	039	009.01	392	848		3.778	3.778					3.778					
2	BARRY D. SERATTE, ETAL	039	012.03	316	155	16.895		16.895				16.895						
3	BEN THOMAS SURBER	039	007.00	239	51		8.696	8.696					8.696					
4	BEN THOMAS SURBER	039	007.00	239	51	9.074		9.074				9.074						
5	THOMAS K. CHANDLER, ETUX	039	013.00	346	458	8.417		8.417				8.417						
6	COUNTY OF CARROLL	039	007.01	326	143		8.121	8.121		0.569	0.569		7.552					
7	COUNTY OF CARROLL	039	007.01	326	143		29.456	29.456		0.123	0.123		29.333			218 S.F.		
8	BEN THOMAS SURBER	039	007.00	239	51		28.344	28.344					28.344					
9	AUSTIN McKINNEY, ETAL	039	006.01	399	155	87.332		87.332				87.332						
10	JAMES RAY GREEN, ETUX	039	006.03	318	192	1.301		1.301				1.301						
11	JUSTIN DEAN LEASE, ETUX	039	006.02	405	906	0.893		0.893				0.893						
12	AUSTIN McKINNEY, ETAL	039	006.05	400	429	1.209		1.209				1.209						
13	DALE CLINT ADEN	039	006.04	301	506	1.981		1.981				1.981						
14	BRANDY VITALE	039	007.02	385	101		0.452	0.452					0.452					
15	DALE CLINT ADEN	039	006.04	254	384	67.086		67.086				67.086						
16	HALE VENTURES LLC.	039	026.00	404	761	1.692		1.692				1.692						
17	BOB RUTLEDGE, ETUX	030	036.00	314	926	3.193		3.193				3.193						
ACQUISITION TOTALS (ACRES)										0.692						218 S.F.		

DISTURBED AREA

IN BETWEEN SLOPE LINES	4.521	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	0.315	(AC)
TOTAL DISTURBED AREA	4.836	(AC)
TOTAL PROJECT AREA	13.950	(AC)

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY
ACQUISITION TABLE

NOT TO SCALE

8/20/2026 8:30:07 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TR\TRANSPORTATION\09S022-SHT-ROW_ACQTABLE.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	3B
PLAN-IN-HAND	2025	09S022-S3-005	3B
PS&E	2026	09S022-S3-005	3B

09S022-S3-005
BEGIN PROJECT CONST.
STA. 244+88.72
N 643009.5397 E 1239763.3266

09S022-S2-005
BEGIN PROJECT R.O.W.
STA. 252+08.00
N 643624.5527 E 1239390.3397

09S022-S3-005
END PROJECT CONST.
STA. 263+19.19
N 644574.6703 E 1238814.1218

STA. 241+70.00
N 642737.0185
E 1239926.6026

STA. 25+00.00
N 643935.4641
E 1238749.3088

STA. 265+50.00
N 644772.0199
E 1238694.4352

STA. 138+00.00
N 643901.9578
E 1240051.6422

STA. 255+58.31 SR-22=
STA. 129+56.40 ROCHELLE ROAD=
STA. 29+59.59 VERNON THOMAS ROAD
N 643924.0827 E 1239208.6837

09S022-S2-005
END PROJECT R.O.W.
STA. 255+08.83
N 643881.7729 E 1239234.3433

PRESENT ROW
PROP. ROW
SR-22
STR-1
WTL-1
WWC-1/EPH-1
WWC-1/ EPH-1
VERNON THOMAS RD
ROCHELLE RD
TEMP. CONST. EASEMENT
245
250
255
260
265
130
135
135

N.T.S.

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JILL CLAUDINE STANKO
REGISTERED ENGINEER
No. 121754
STATE OF TENNESSEE
8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

SCALE: 1" = 200'

8/20/2026 8:30:20 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	4
PLAN-IN-HAND	2025	09S022-S3-005	4
PS&E	2026	09S022-S3-005	4

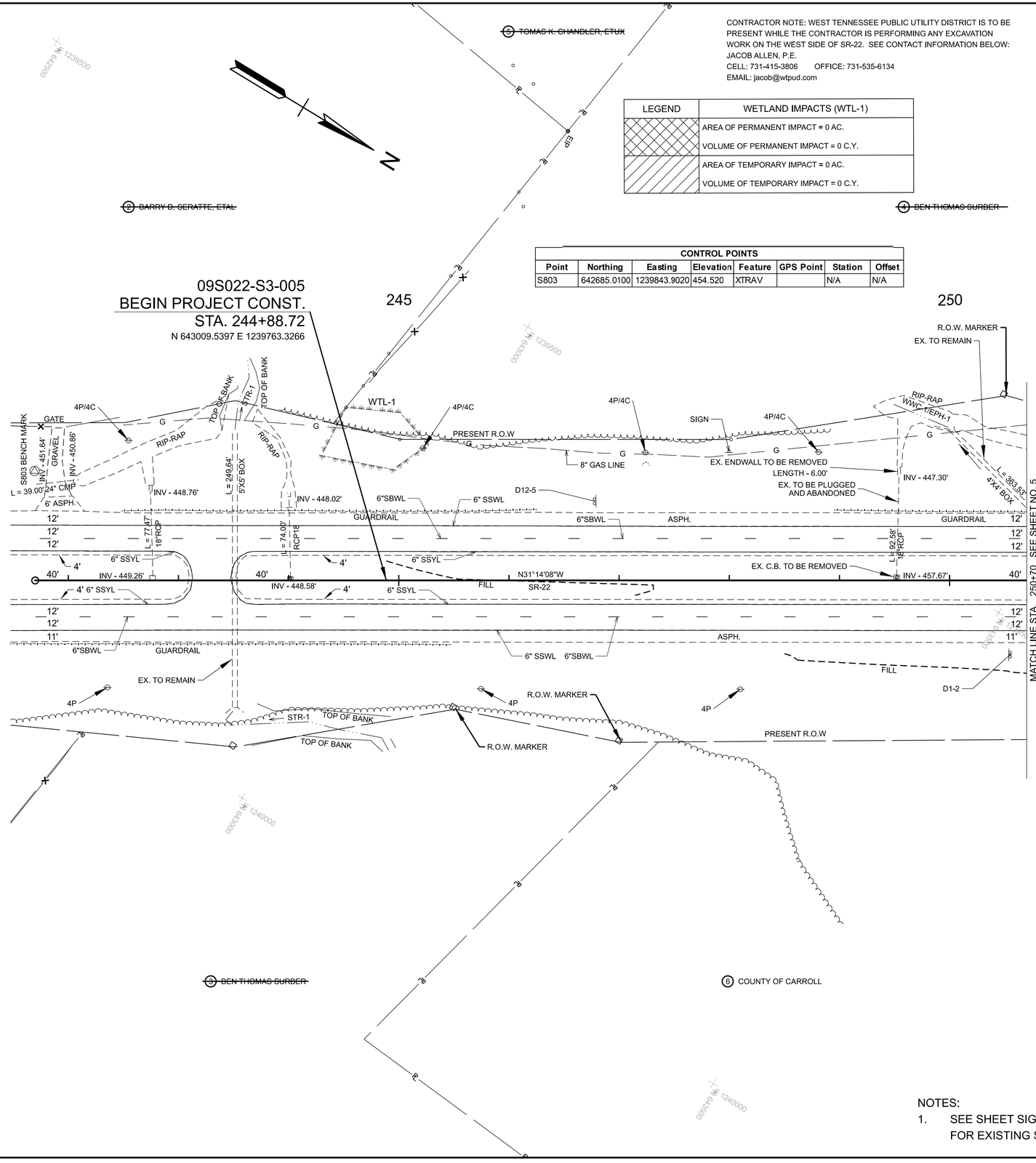
REV. 08-01-2024
UPDATED OWNER NAME ON TRACT 6.

CONTRACTOR NOTE: WEST TENNESSEE PUBLIC UTILITY DISTRICT IS TO BE PRESENT WHILE THE CONTRACTOR IS PERFORMING ANY EXCAVATION WORK ON THE WEST SIDE OF SR-22. SEE CONTACT INFORMATION BELOW:
JACOB ALLEN, P.E.
CELL: 731-415-3806 OFFICE: 731-535-6134
EMAIL: jacob@wtpud.com

LEGEND	WETLAND IMPACTS (WTL-1)
	AREA OF PERMANENT IMPACT = 0 AC.
	VOLUME OF PERMANENT IMPACT = 0 C.Y.
	AREA OF TEMPORARY IMPACT = 0 AC.
	VOLUME OF TEMPORARY IMPACT = 0 C.Y.

CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset
S803	642685.0100	1239843.9020	454.520	XTRAV		N/A	N/A



NOTES:
1. SEE SHEET SIGNING AND PAVMENT MARKING SHEET 20 FOR EXISTING SIGN REMOVAL

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
POWERS
No. 121754
STATE OF TENNESSEE
9/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

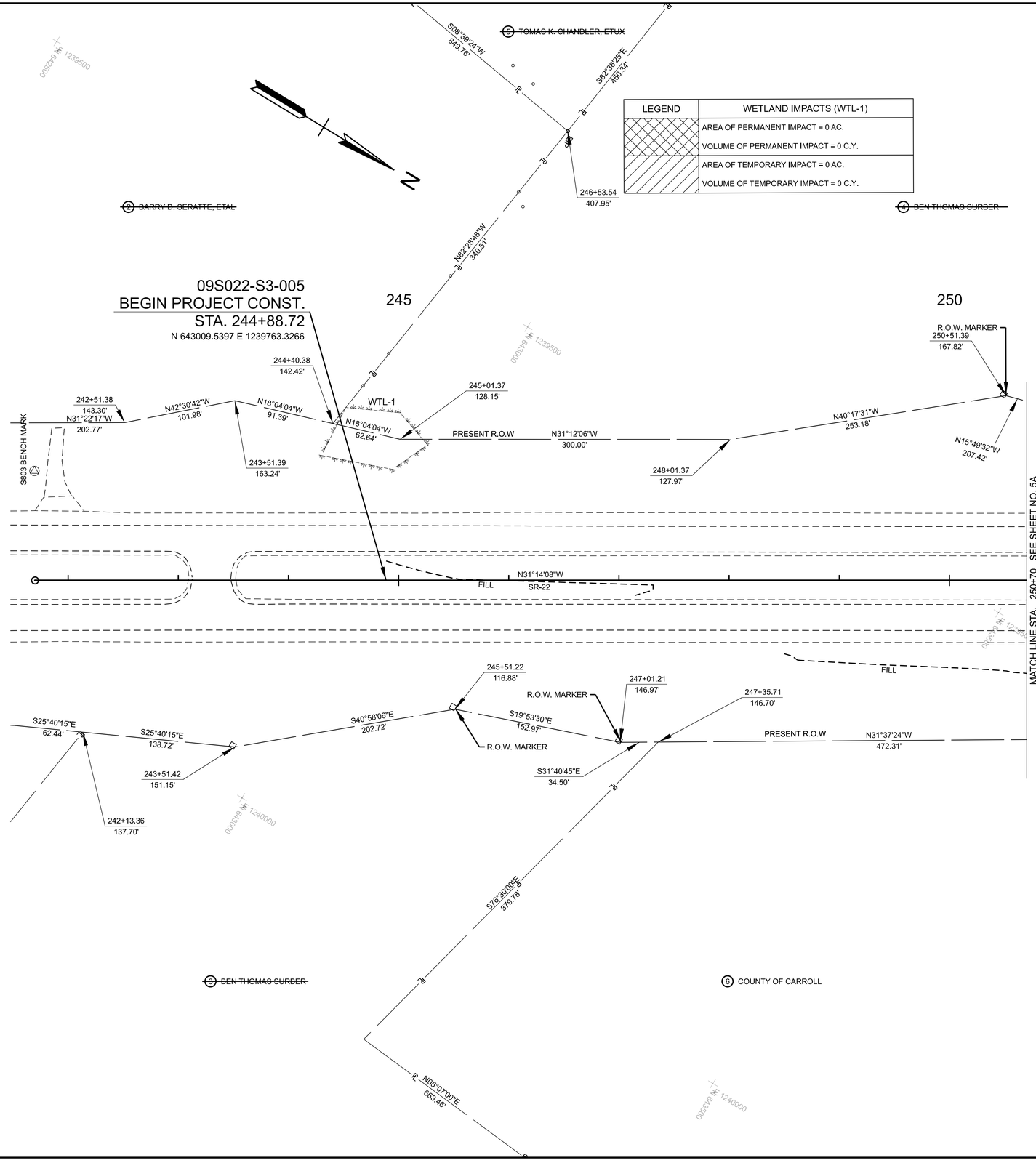
PRESENT LAYOUT

BOP TO STA. 250+70.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	4A
PLAN-IN-HAND	2025	09S022-S3-005	4A
PS&E	2026	09S022-S3-005	4A

REV. 08-01-2024
UPDATED OWNER NAME ON TRACT 6.



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JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
FORESTRY
No. 121754
STATE OF TENNESSEE
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. DETAIL LAYOUT

BOP TO STA. 250+70.00
SCALE: 1" = 50'

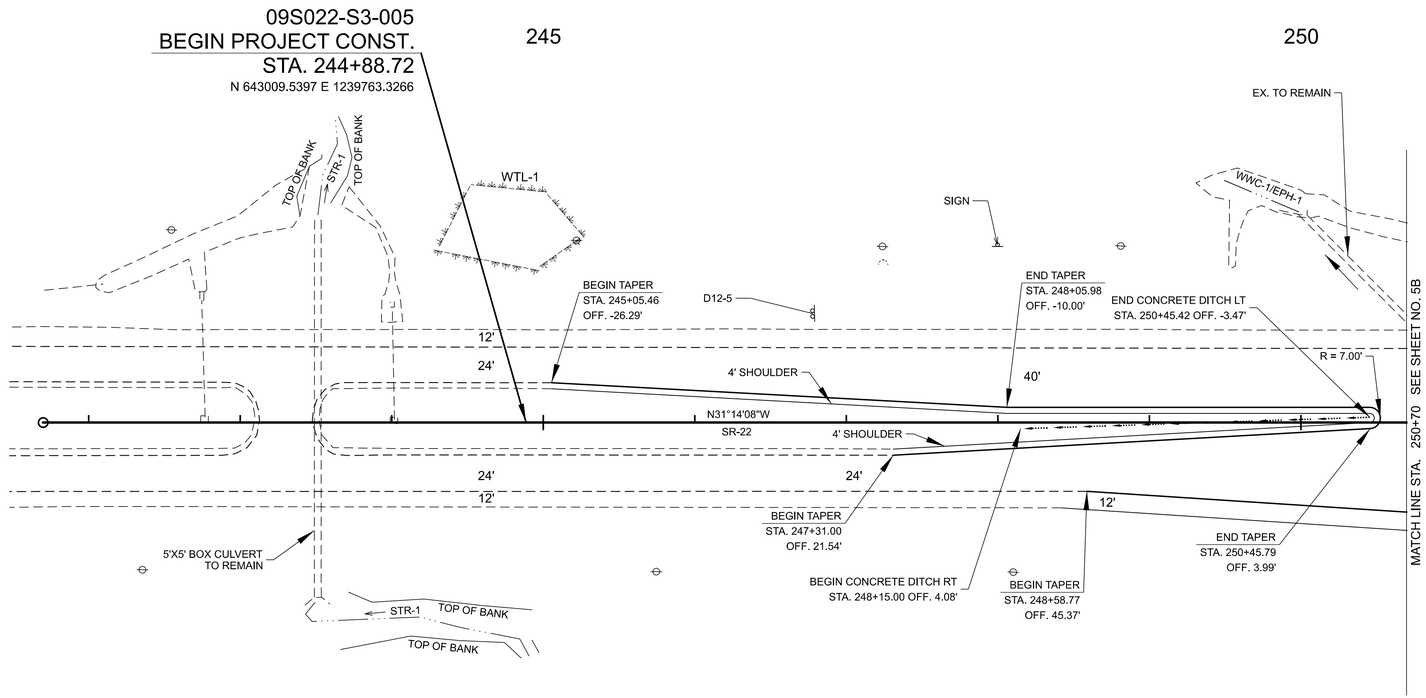
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\\EGNYTEDRIVE\PROJECTS\TDOT\DOT\0085TR\TRANSPORTATION\09S022-SHT-ROW_DETAILS.DGN

CONTRACTOR NOTE: THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT NO CONSTRUCTION ACTIVITY WILL OCCUR IN, NOR THAT ANY CONSTRUCTION EQUIPMENT WILL ENTER ANY PORTION OF STR-1, WTL-1, OR WWC-1/EPH-1 AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

CONTRACTOR NOTE: WEST TENNESSEE PUBLIC UTILITY DISTRICT IS TO BE PRESENT WHILE THE CONTRACTOR IS PERFORMING ANY EXCAVATION WORK ON THE WEST SIDE OF SR-22. SEE CONTACT INFORMATION BELOW:
JACOB ALLEN, P.E.
CELL: 731-415-3806 OFFICE: 731-535-6134
EMAIL: jacob@wtpud.com

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	4B
PLAN-IN-HAND	2025	09S022-S3-005	4B
PS&E	2026	09S022-S3-005	4B

LEGEND	WETLAND IMPACTS (WTL-1)
	AREA OF PERMANENT IMPACT = 0 AC. VOLUME OF PERMANENT IMPACT = 0 C.Y.
	AREA OF TEMPORARY IMPACT = 0 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.



NOTES:
1. SEE SHEET SIGNING AND PAVMENT MARKING SHEET 20 FOR PROPOSED SIGNS AND PAVEMENT MARKINGS

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

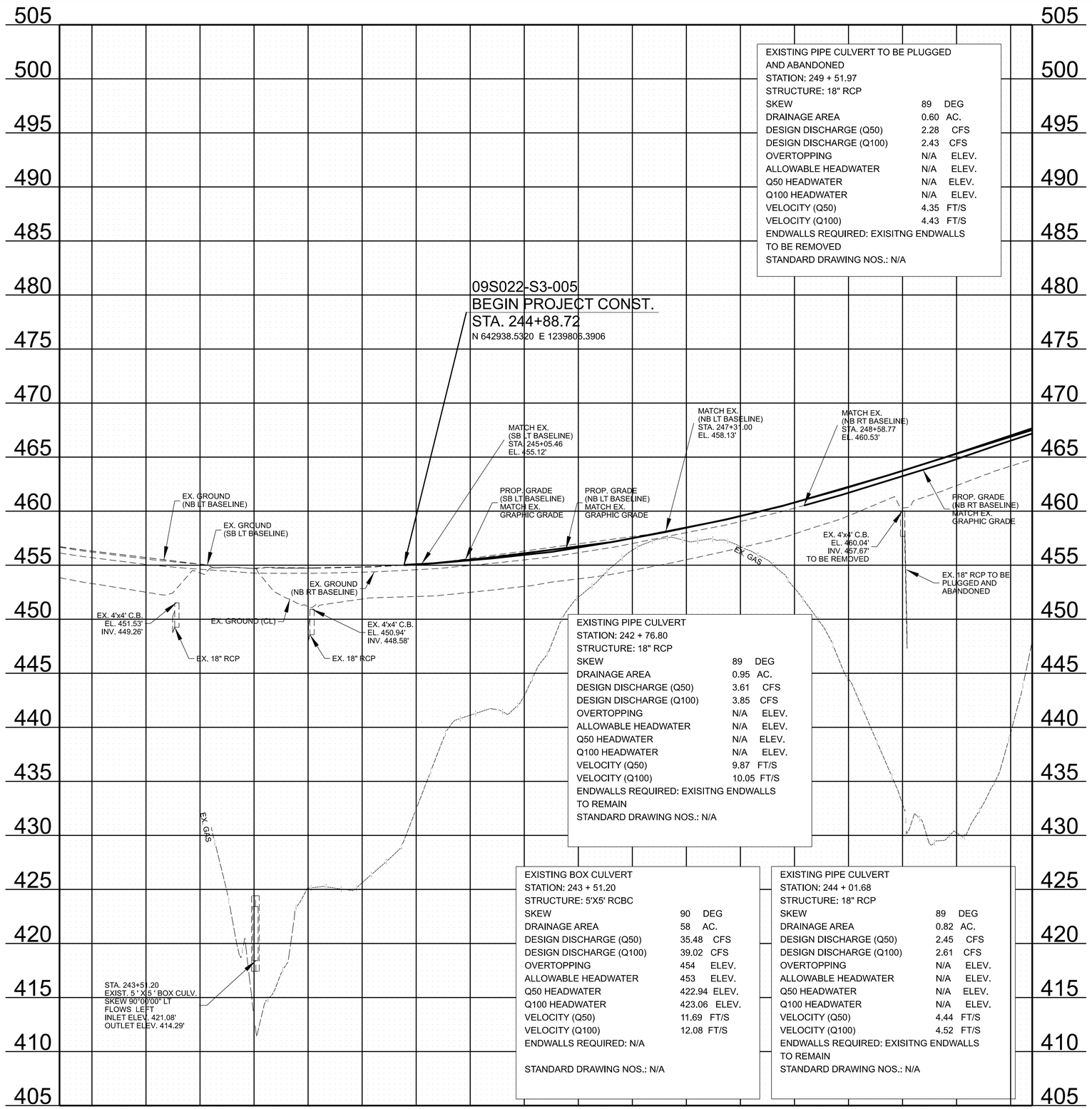
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

BOP TO STA. 250+70.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	4C
PLAN-IN-HAND	2025	09S022-S3-005	4C
PS&E	2026	09S022-S3-005	4C



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
COURAGE
No. 121754
STATE OF TENNESSEE
9/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

BOP TO STA. 250+70.00

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

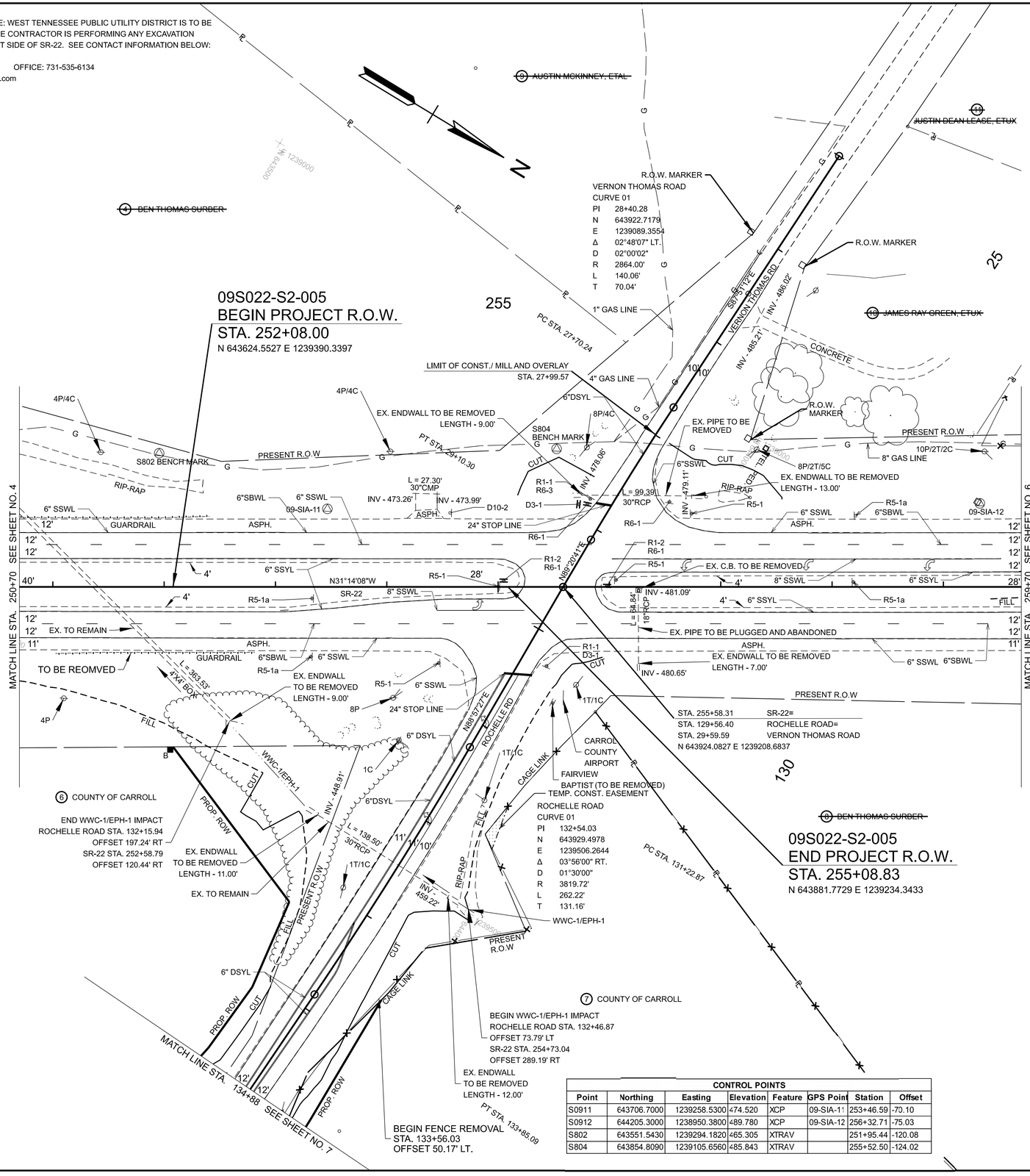
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CONTRACTOR NOTE: WEST TENNESSEE PUBLIC UTILITY DISTRICT IS TO BE PRESENT WHILE THE CONTRACTOR IS PERFORMING ANY EXCAVATION WORK ON THE WEST SIDE OF SR-22. SEE CONTACT INFORMATION BELOW:

JACOB ALLEN, P.E.
CELL: 731-415-3806 OFFICE: 731-535-6134
EMAIL: jacob@wtpud.com

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	5
PLAN-IN-HAND	2025	09S022-S3-005	5
PS&E	2026	09S022-S3-005	5

REV. 08-01-2024
UPDATED OWNER NAME ON TRACTS 6 AND 7.



CONTROL POINTS							
Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset
S0911	643706.7000	1239258.5300	474.520	XCP	09-SIA-11	253+46.59	-70.10
S0912	644205.3000	1238950.3800	489.780	XCP	09-SIA-12	256+32.71	-75.03
S802	643551.5430	1239294.1820	465.305	XTRAV		251+95.44	-120.08
S804	643854.8090	1239105.6560	485.843	XTRAV		255+52.50	-124.02

NOTES:
1. FOR VERNON THOMAS ROAD PROFILE SEE SHEET NO. 8.
2. FOR ROCHELLE ROAD PROFILE SEE SHEET NO. 9.
3. SEE SIGNING AND PAVEMENT MARKING SHEET 21 FOR EXISTING SIGN REMOVAL

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
AGRICULTURE & ENGINEERING
No. 121754
STATE OF TENNESSEE
8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

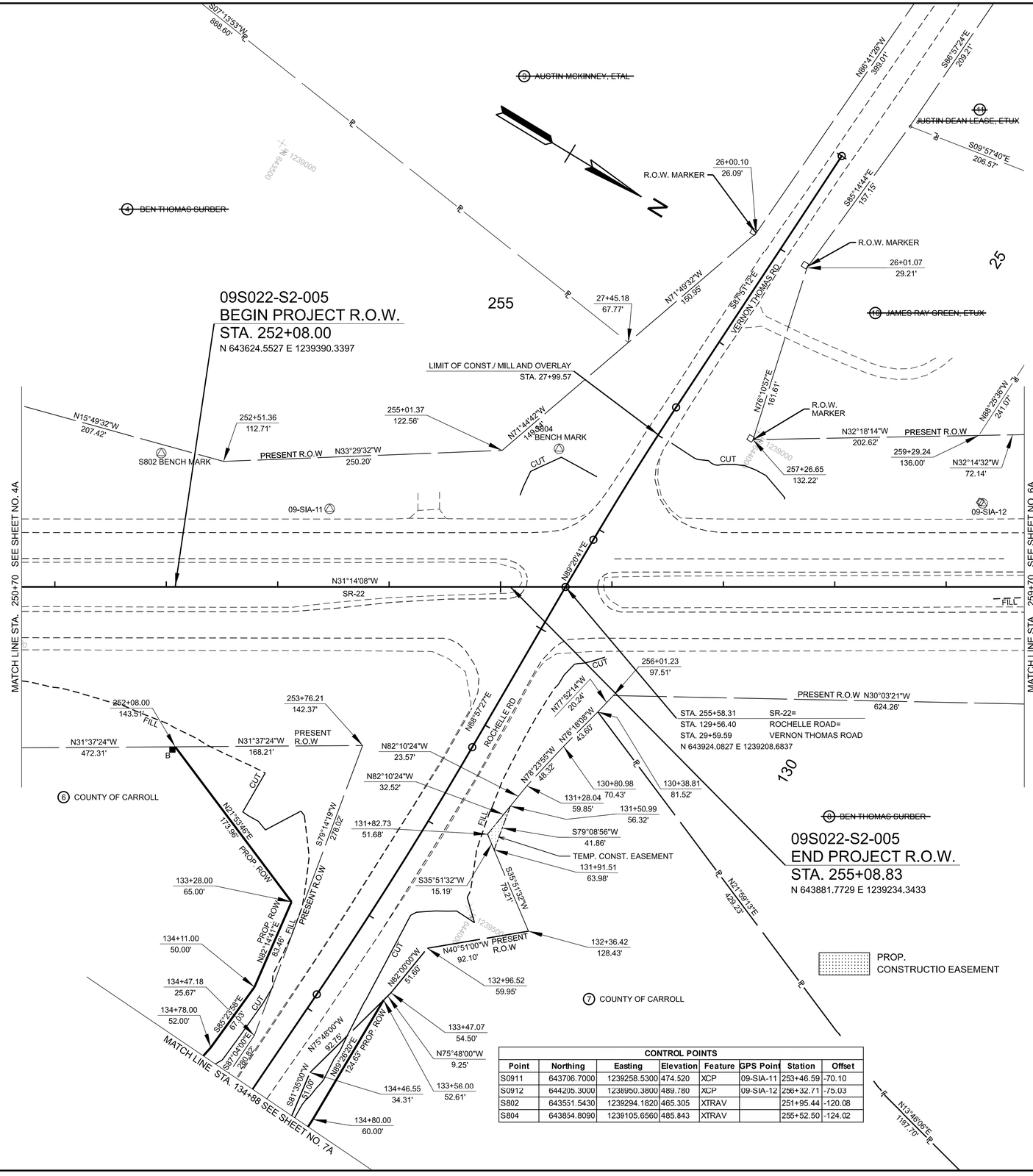
PRESENT LAYOUT

STA. 250+70.00 TO STA. 259+70.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	5A
PLAN-IN-HAND	2025	09S022-S3-005	5A
PS&E	2026	09S022-S3-005	5A

REV. 08-01-2024
UPDATED OWNER NAME ON TRACTS 6 AND 7.



CONTROL POINTS						
Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset
S0911	643706.7000	1239258.5300	474.520	XCP	09-SIA-11	253+46.59	-70.10
S0912	644205.3000	1238950.3800	489.780	XCP	09-SIA-12	256+32.71	-75.03
S802	643551.5430	1239294.1820	465.305	XTRAV		251+95.44	-120.08
S804	643854.8090	1239105.6560	485.843	XTRAV		255+52.50	-124.02

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REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
9/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. DETAIL LAYOUT

STA. 250+70.00 TO STA. 259+70.00
SCALE: 1" = 50'

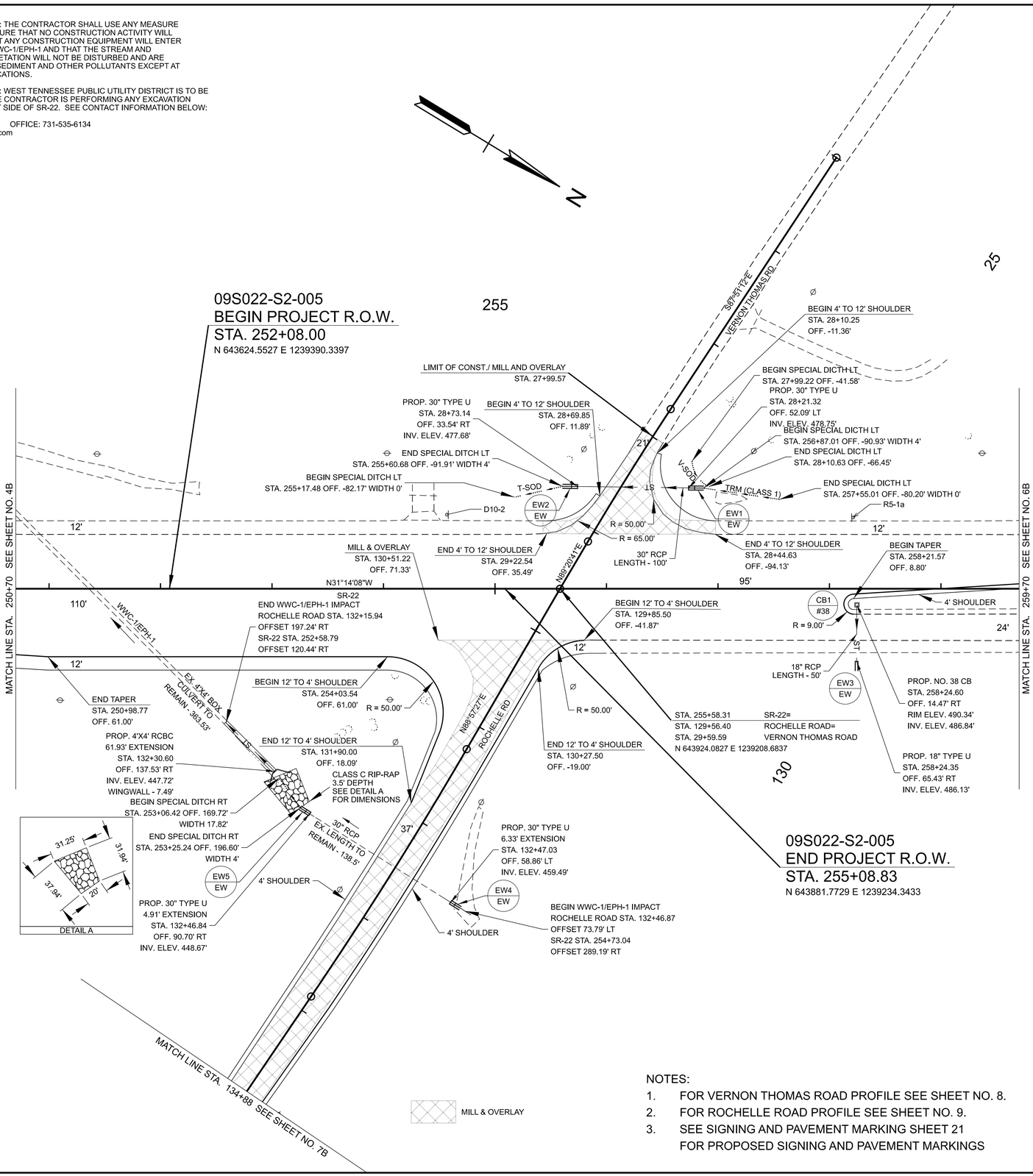
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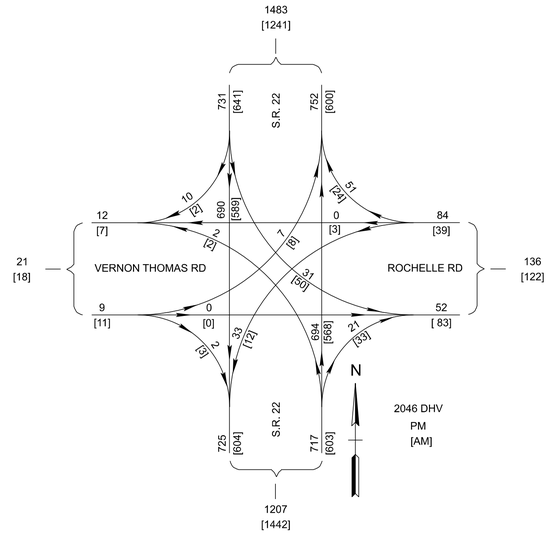
JACOB ALLEN, P.E.
CELL: 731-415-3806 OFFICE: 731-535-6134
EMAIL: jacob@wtpud.com

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	5B
PLAN-IN-HAND	2025	09S022-S3-005	5B
PS&E	2026	09S022-S3-005	5B



NOTES:

1. FOR VERNON THOMAS ROAD PROFILE SEE SHEET NO. 8.
2. FOR ROCHELLE ROAD PROFILE SEE SHEET NO. 9.
3. SEE SIGNING AND PAVEMENT MARKING SHEET 21 FOR PROPOSED SIGNING AND PAVEMENT MARKINGS



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AGRICULTURE
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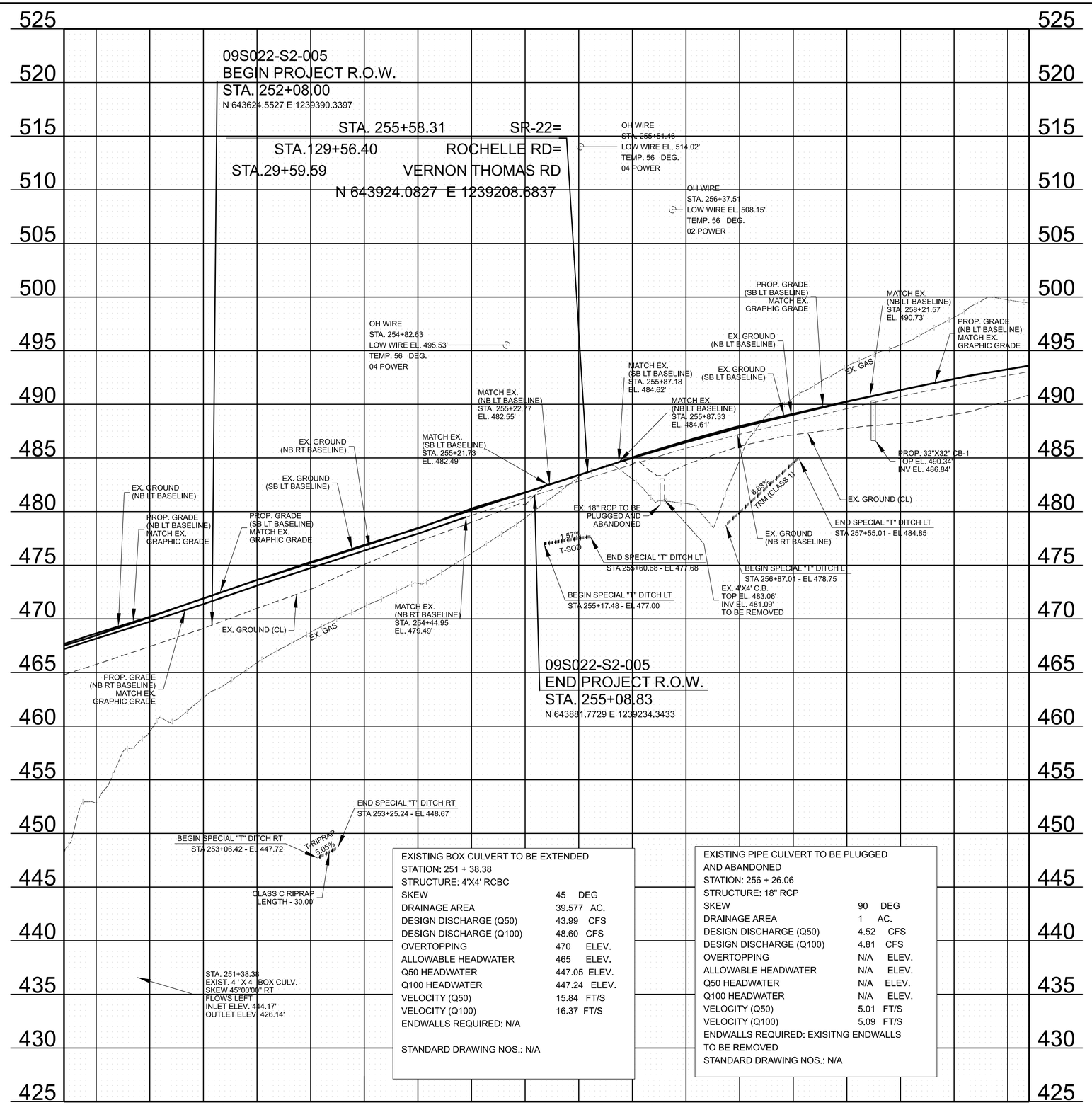
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 250+70.00 TO STA. 259+70.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	5C
PLAN-IN-HAND	2025	09S022-S3-005	5C
PS&E	2026	09S022-S3-005	5C



EXISTING BOX CULVERT TO BE EXTENDED
STATION: 251 + 38.38
STRUCTURE: 4'X4' RCBC

SKEW	45 DEG
DRAINAGE AREA	39.577 AC.
DESIGN DISCHARGE (Q50)	43.99 CFS
DESIGN DISCHARGE (Q100)	48.60 CFS
OVERTOPPING	470 ELEV.
ALLOWABLE HEADWATER	465 ELEV.
Q50 HEADWATER	447.05 ELEV.
Q100 HEADWATER	447.24 ELEV.
VELOCITY (Q50)	15.84 FT/S
VELOCITY (Q100)	16.37 FT/S

ENDWALLS REQUIRED: N/A

STANDARD DRAWING NOS.: N/A

EXISTING PIPE CULVERT TO BE PLUGGED AND ABANDONED
STATION: 256 + 26.06
STRUCTURE: 18" RCP

SKEW	90 DEG
DRAINAGE AREA	1 AC.
DESIGN DISCHARGE (Q50)	4.52 CFS
DESIGN DISCHARGE (Q100)	4.81 CFS
OVERTOPPING	N/A ELEV.
ALLOWABLE HEADWATER	N/A ELEV.
Q50 HEADWATER	N/A ELEV.
Q100 HEADWATER	N/A ELEV.
VELOCITY (Q50)	5.01 FT/S
VELOCITY (Q100)	5.09 FT/S

ENDWALLS REQUIRED: EXISITNG ENDWALLS TO BE REMOVED
STANDARD DRAWING NOS.: N/A

PROPOSED PIPE CULVERT
STATION: 258 + 24.55
STRUCTURE: 50.00 L.F. OF 18" RCP

SKEW	90 DEG
DRAINAGE AREA	1.063 AC.
DESIGN DISCHARGE (Q50)	4.52 CFS
DESIGN DISCHARGE (Q100)	4.81 CFS
OVERTOPPING	N/A ELEV.
ALLOWABLE HEADWATER	N/A ELEV.
Q50 HEADWATER	N/A ELEV.
Q100 HEADWATER	N/A ELEV.
VELOCITY (Q50)	4.60 FT/S
VELOCITY (Q100)	4.70 FT/S

ENDWALLS REQUIRED: 1 - 18" TYPE U 4:1

STANDARD DRAWING NOS.: D-PB-1, D-PE-18A, D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	1.08 C.Y.
STEEL BAR REINFORCING	98 LB.
BEDDING MATERIAL	10.8 C.Y.

ENDWALL ITEM NOS.: 611-07.55

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
LICENSE No. 121754
STATE OF TENNESSEE
8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

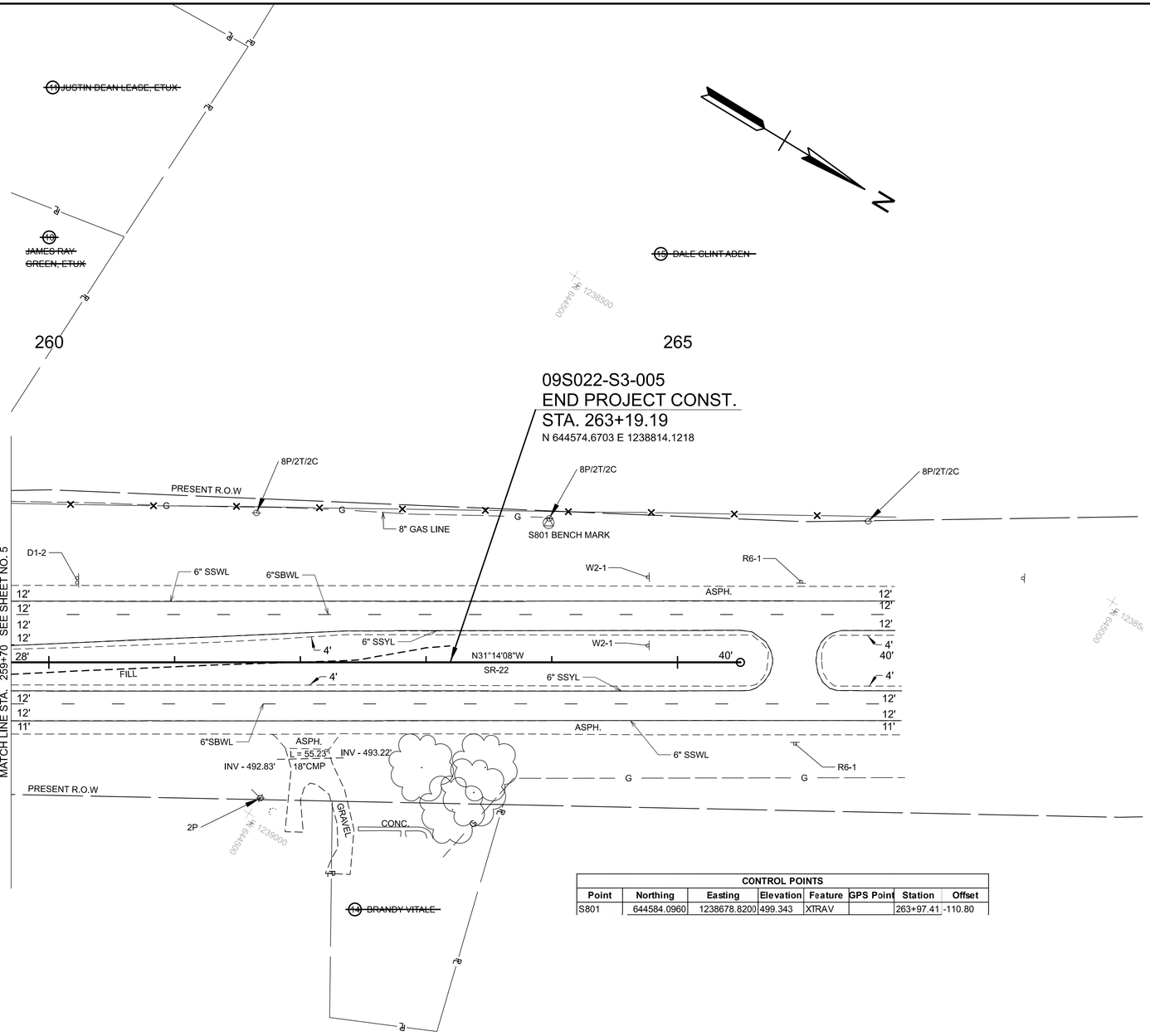
PROPOSED PROFILE

STA. 250+70.00 TO STA. 259+70.00

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	6
PLAN-IN-HAND	2025	09S022-S3-005	6
PS&E	2026	09S022-S3-005	6



CONTROL POINTS							
Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset
S801	644584.0960	1238678.8200	499.343	XTRAV		263+97.41	-110.80

NOTES:
1. SEE SIGNING AND PAVEMENT MARKING SHEET 22 FOR EXISTING SIGN REMOVAL

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
AGRICULTURE
ENGINEERING
POWERS
No. 121754
STATE OF TENNESSEE
8/27/2026

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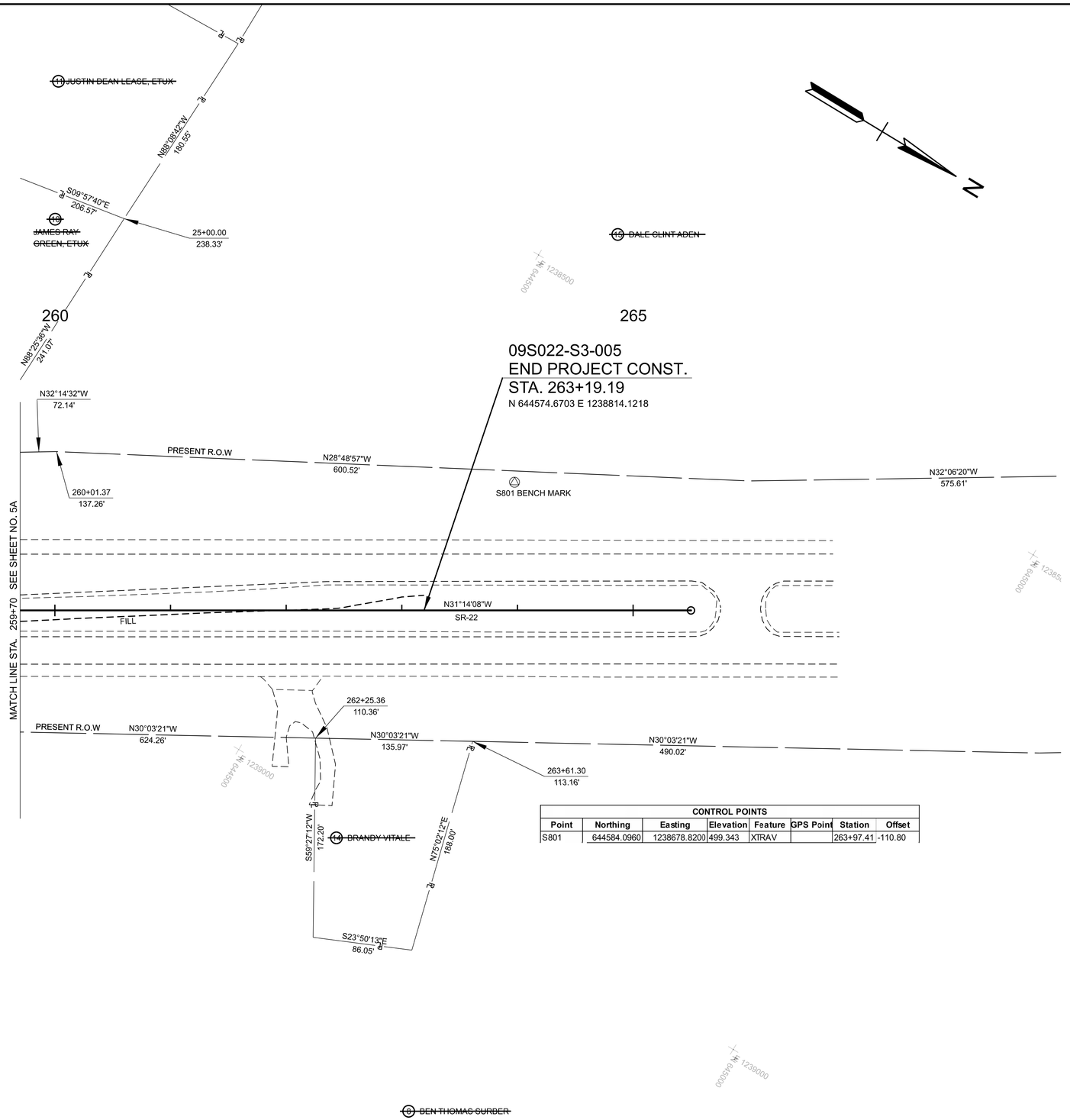
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 259+70.00 TO EOP
SCALE: 1" = 50'

8/20/2026 8:37:27 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\DOT\0085TR\TRANSPORTATION\09S022-SHT-PRESENTLAYOUT.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	6A
PLAN-IN-HAND	2025	09S022-S3-005	6A
PS&E	2026	09S022-S3-005	6A



CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset
S801	644584.0960	1238678.8200	499.343	XTRAV		263+97.41	-110.80

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JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
AGRICULTURE
FORESTRY
No. 121754
STATE OF TENNESSEE
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

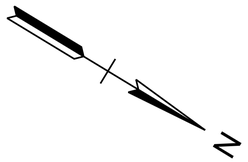
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

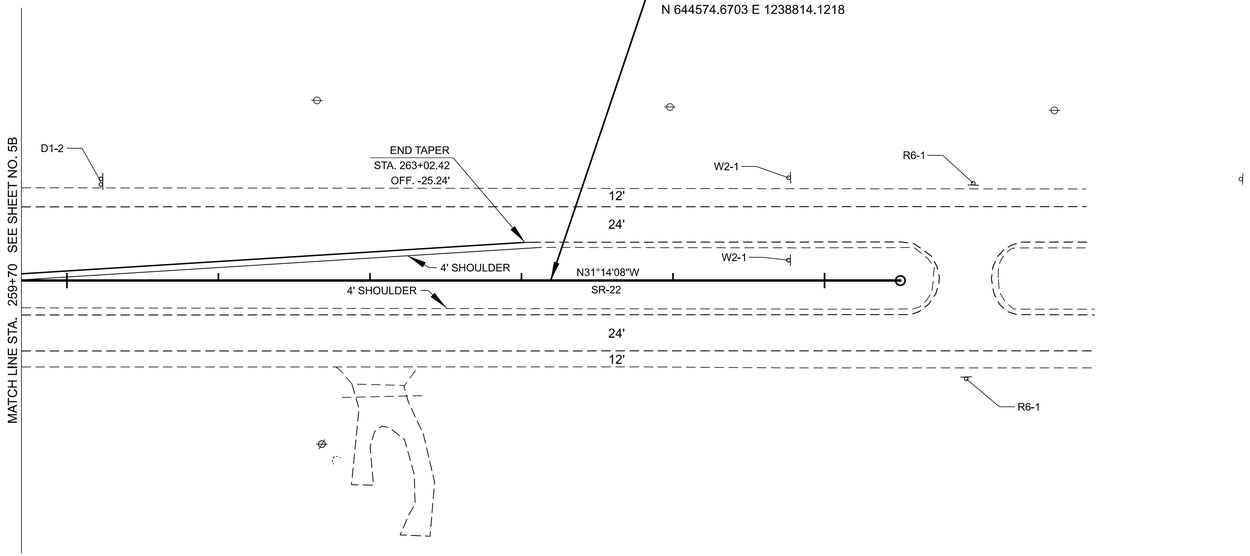
R.O.W. DETAIL LAYOUT

STA. 259+70.00 TO EOP
SCALE: 1" = 50'

8/20/2026 8:37:29 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\DOT\0085TR\TRANSPORTATION\09S022-SHT-ROW_DETAILS.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	6B
PLAN-IN-HAND	2025	09S022-S3-005	6B
PS&E	2026	09S022-S3-005	6B





NOTES:

1. SEE SIGNING AND PAVEMENT MARKING SHEET 22 FOR PROPOSED SIGNING AND PAVEMENT MARKINGS

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JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
No. 121754
STATE OF TENNESSEE
8/27/2026

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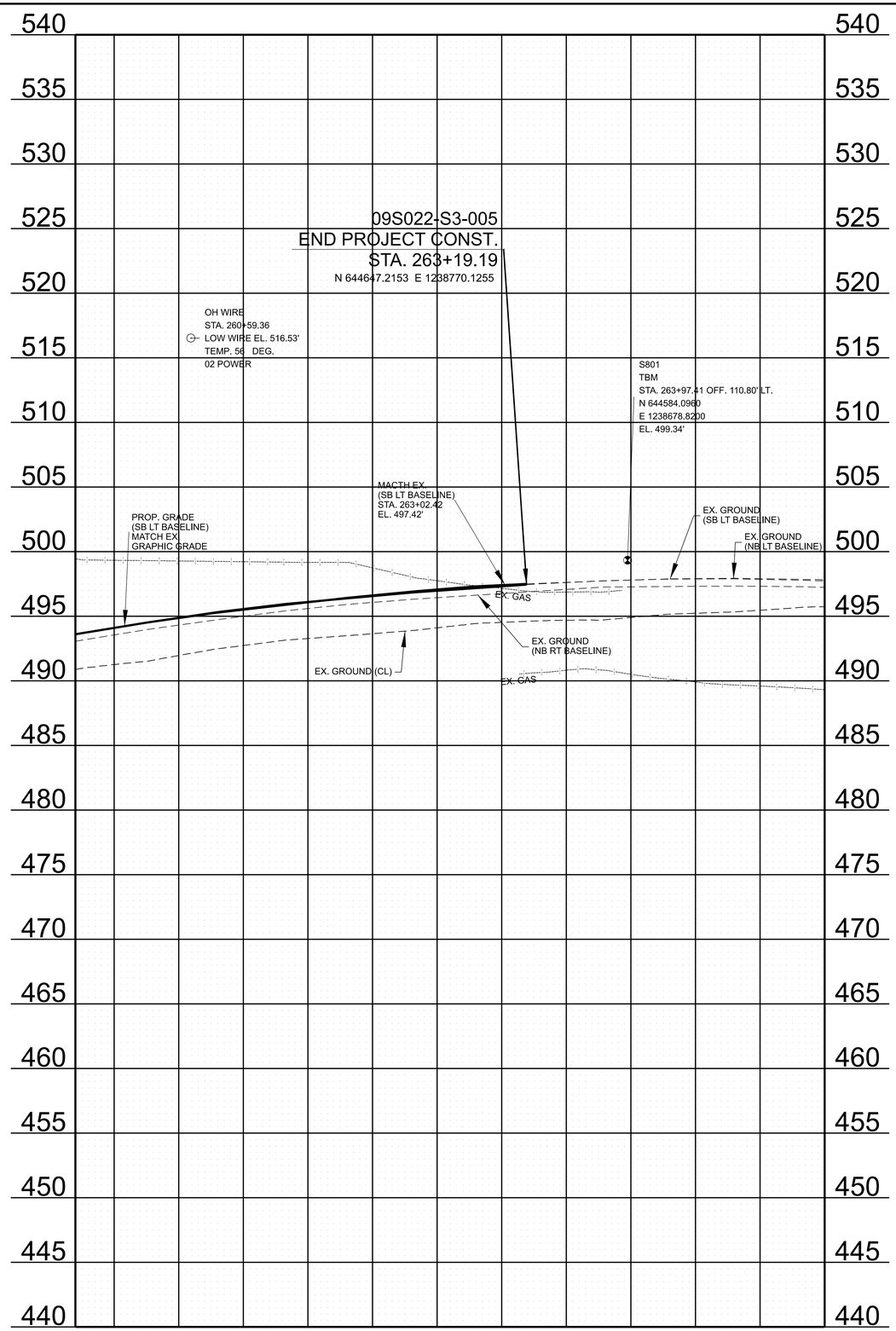
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 259+70.00 TO EOP
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	6C
PLAN-IN-HAND	2025	09S022-S3-005	6C
PS&E	2026	09S022-S3-005	6C



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REGISTERED ENGINEER
No. 121754
STATE OF TENNESSEE

9/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

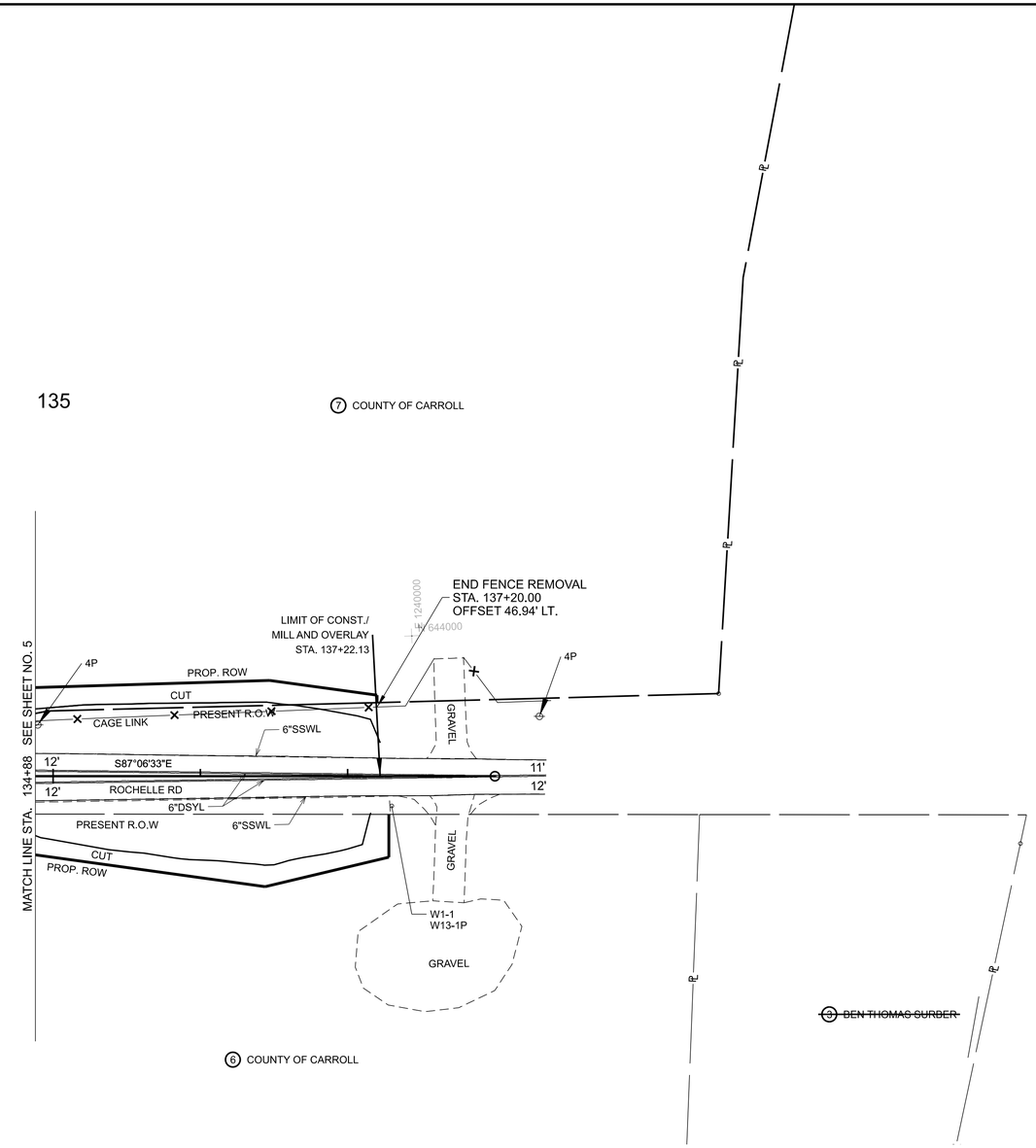
STA. 259+70.00 TO EOP

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/20/2026 8:37:33 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	7
PLAN-IN-HAND	2025	09S022-S3-005	7
PS&E	2026	09S022-S3-005	7

REV. 08-01-2024
UPDATED OWNER NAME ON TRACTS 6 AND 7.



NOTES:
1. FOR ROCHELLE ROAD PROFILE SEE SHEET NO. 9.
2. SEE SIGNING AND PAVEMENT MARKING SHEET 23 FOR EXISTING SIGN REMOVAL

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
9/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

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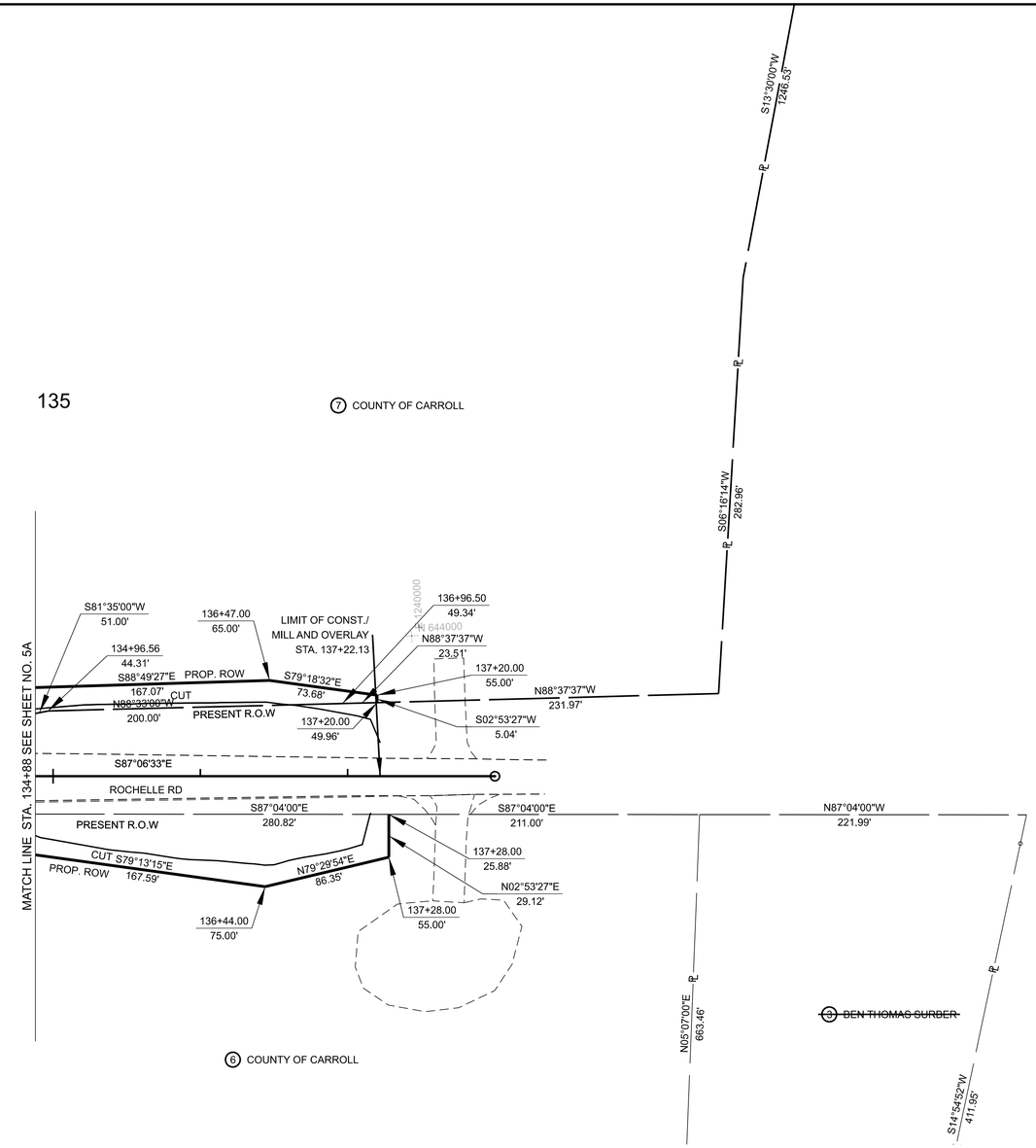
PRESENT LAYOUT

STA. 134+88.00 TO EOC
SCALE: 1" = 50'

8/20/2026 8:38:17 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-PRESENTLAYOUT.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	7A
PLAN-IN-HAND	2025	09S022-S3-005	7A
PS&E	2026	09S022-S3-005	7A

REV. 08-01-2024
UPDATED OWNER NAME ON TRACTS 6 AND 7.



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JILL CLAUDINE STANKO
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No. 121754
STATE OF TENNESSEE
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. DETAIL LAYOUT

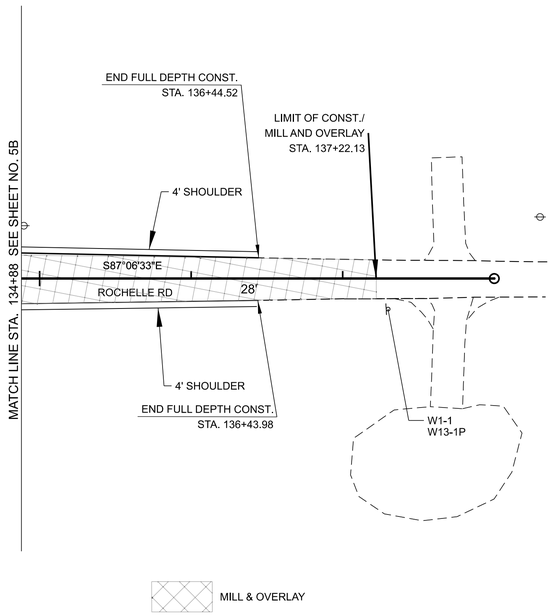
STA. 134+88.00 TO EOC
SCALE: 1" = 50'

8/20/2026 8:38:18 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\DOT\0085TR\TRANSPORTATION\09S022-SHT-ROW_DETAILS.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	7B
PLAN-IN-HAND	2025	09S022-S3-005	7B
PS&E	2026	09S022-S3-005	7B

N

135



NOTE:

1. FOR ROCHELLE ROAD PROFILE SEE SHEET NO. 9.
2. SEE SIGNING AND PAVEMENT MARKING SHEET 23 FOR PROPOSED SIGNING AND PAVEMENT MARKINGS

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JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
AGRICULTURE & ENGINEERING
No. 121754
STATE OF TENNESSEE
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

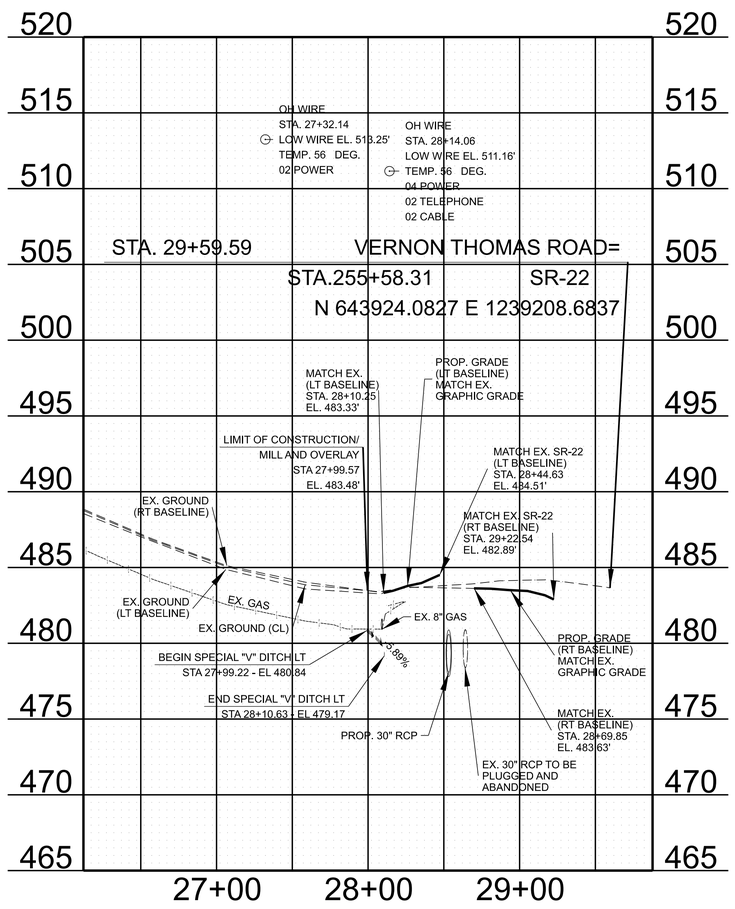
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 134+88.00 TO EOC
SCALE: 1" = 50'

8/20/2026 8:38:20 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\DOT\0085TR\TRANSPORTATION\09S022-SHT-PROPOSEDLAYOUT.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	8
PLAN-IN-HAND	2025	09S022-S3-005	8
PS&E	2026	09S022-S3-005	8



PROPOSED PIPE CULVERT
STATION: 28 + 53.25
STRUCTURE: 100 L.F. OF 30" RCP

SKEW	59 DEG
DRAINAGE AREA	7.053 AC.
DESIGN DISCHARGE (Q50)	14.41 CFS
DESIGN DISCHARGE (Q100)	15.54 CFS
OVERTOPPING	484.00 ELEV.
ALLOWABLE HEADWATER	482.00 ELEV.
Q50 HEADWATER	481.00 ELEV.
Q100 HEADWATER	481.08 ELEV.
VELOCITY (Q50)	7.81 FT/S
VELOCITY (Q100)	7.94 FT/S

ENDWALLS REQUIRED: 2 - 30" TYPE U 4:1

STANDARD DRAWING NOS.: D-PB-1, D-PE-30A, D-PB-30B, & D-PE-99

QUANTITIES:

CLASS "A" CONCRETE	4.64 C.Y.
STEEL BAR REINFORCING	432 LB.
STRUCTURAL STEEL	274 LB.
BEDDING MATERIAL	28.3 C.Y.

ENDWALL ITEM NOS.: 611-07.61

EXISTING PIPE CULVERT TO BE REMOVED
STATION: 28 + 29.45
STRUCTURE: 30" CMP

SKEW	59 DEG
DRAINAGE AREA	7 AC.
DESIGN DISCHARGE (Q50)	14.41 CFS
DESIGN DISCHARGE (Q100)	15.54 CFS
OVERTOPPING	N/A ELEV.
ALLOWABLE HEADWATER	N/A ELEV.
Q50 HEADWATER	N/A ELEV.
Q100 HEADWATER	N/A ELEV.
VELOCITY (Q50)	7.81 FT/S
VELOCITY (Q100)	7.81 FT/S

ENDWALLS REQUIRED: EXISITNG ENDWALLS TO BE REMOVED
STANDARD DRAWING NOS.: N/A

NOTE:
1. SEE PRESENT LAYOUT SHEET NO. 5.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD
PROFILE

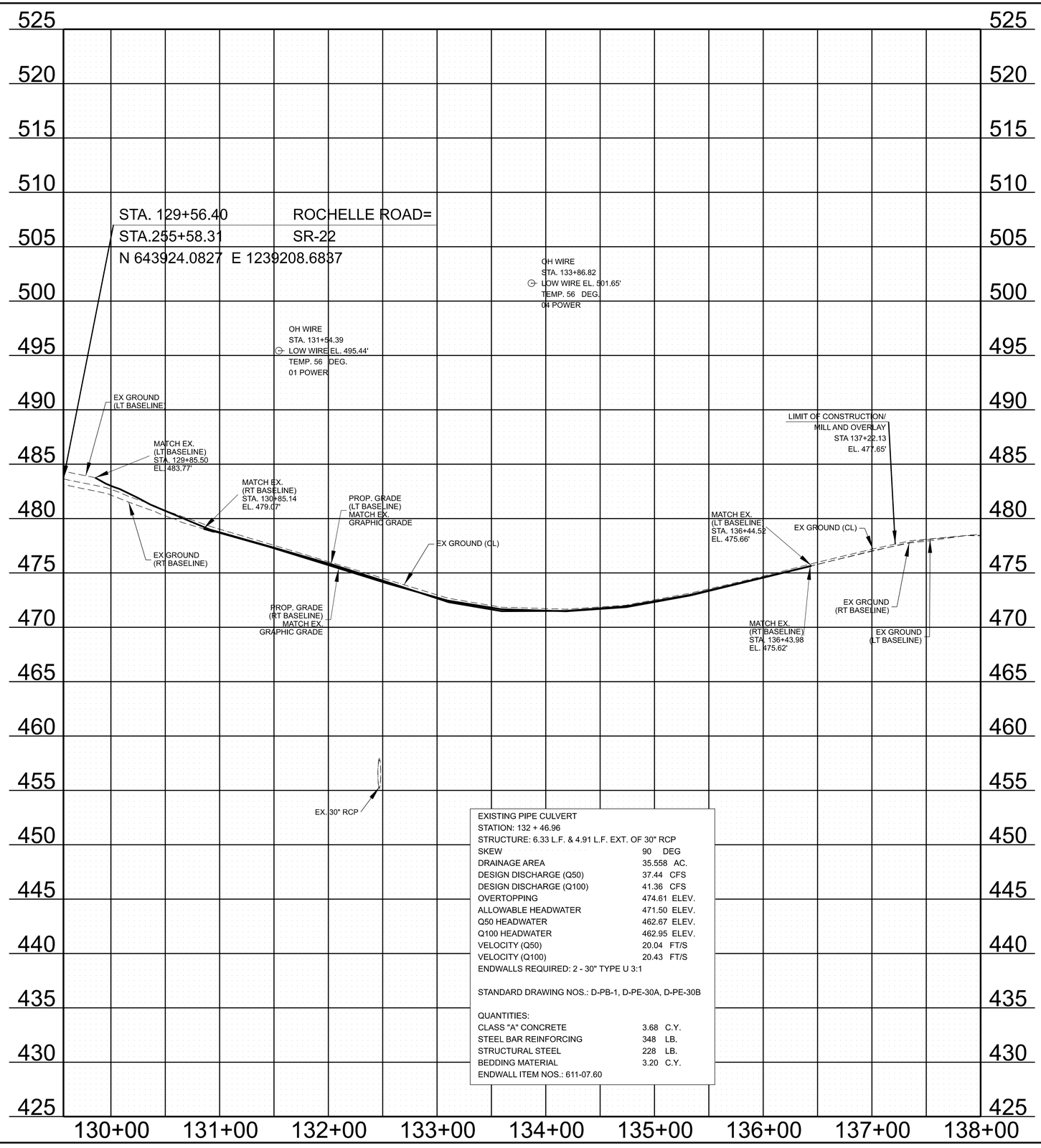
EOC TO STA. 29+59.59

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

VERNON THOMAS ROAD

8/20/2026 8:38:55 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	9
PLAN-IN-HAND	2025	09S022-S3-005	9
PS&E	2026	09S022-S3-005	9



EXISTING PIPE CULVERT
STATION: 132 + 46.96
STRUCTURE: 6.33 L.F. & 4.91 L.F. EXT. OF 30" RCP

SKEW	90 DEG
DRAINAGE AREA	35.558 AC.
DESIGN DISCHARGE (Q50)	37.44 CFS
DESIGN DISCHARGE (Q100)	41.36 CFS
OVERTOPPING	474.61 ELEV.
ALLOWABLE HEADWATER	471.50 ELEV.
Q50 HEADWATER	462.67 ELEV.
Q100 HEADWATER	462.95 ELEV.
VELOCITY (Q50)	20.04 FT/S
VELOCITY (Q100)	20.43 FT/S

ENDWALLS REQUIRED: 2 - 30" TYPE U 3:1

STANDARD DRAWING NOS.: D-PB-1, D-PE-30A, D-PE-30B

QUANTITIES:

CLASS "A" CONCRETE	3.68 C.Y.
STEEL BAR REINFORCING	348 LB.
STRUCTURAL STEEL	228 LB.
BEDDING MATERIAL	3.20 C.Y.

ENDWALL ITEM NOS.: 611-07.60

NOTE:
1. SEE PRESENT LAYOUT SHEET NOS. 5 AND 7.

ROCHELLE ROAD

SEALED BY
JILL CLAUDINE STANCO
REGISTERED ENGINEER
No. 121754
STATE OF TENNESSEE
9/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD
PROFILE

STA. 129+56.40 TO EOC

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/20/2026 8:38:56 AM
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DRAINAGE DATA FOR DRAINAGE AREA 1
STATION: 242+76.80
EXISTING STRUCTURE: 18" RCP

INLET	449.26	ELEV.
OUTLET	448.76	ELEV.
SKEW	88° 32' 32"	DEG.
FLOW	WEST	
DRAINAGE AREA	0.0015	SQ. MI.
TERRAIN	GRASS & IMP.	
IMPERVIOUS AREA	10	%
DISCHARGE (Q50)	3.61	CFS
DISCHARGE (Q100)	3.85	CFS
VELOCITY (Q50)	9.87	FT/S
VELOCITY (Q100)	10.05	FT/S

DRAINAGE DATA FOR DRAINAGE AREA 2
STATION: 243+51.20
EXISTING STRUCTURE: 5'x5' RCBC

INLET	421.08	ELEV.
OUTLET	414.29	ELEV.
SKEW	89° 59' 14"	DEG.
FLOW	WEST	
DRAINAGE AREA	0.091	SQ. MI.
TERRAIN	GRASS, FOREST, AG., & IMP.	
IMPERVIOUS AREA	10	%
DISCHARGE (Q50)	35.48	CFS
DISCHARGE (Q100)	39.02	CFS
VELOCITY (Q50)	6.11	FT/S
VELOCITY (Q100)	6.31	FT/S

DRAINAGE DATA FOR DRAINAGE AREA 3
STATION: 244+01.68
EXISTING STRUCTURE: 18" RCP

INLET	448.58	ELEV.
OUTLET	448.02	ELEV.
SKEW	89° 01' 22"	DEG.
FLOW	WEST	
DRAINAGE AREA	0.001	SQ. MI.
TERRAIN	GRASS & IMP.	
IMPERVIOUS AREA	10	%
DISCHARGE (Q50)	2.45	CFS
DISCHARGE (Q100)	2.61	CFS
VELOCITY (Q50)	4.44	FT/S
VELOCITY (Q100)	4.52	FT/S

DRAINAGE DATA FOR DRAINAGE AREA 4
STATION: 249+51.97
EXISTING STRUCTURE: 18" RCP

INLET	457.67	ELEV.
OUTLET	447.30	ELEV.
SKEW	88° 38' 50"	DEG.
FLOW	WEST	
DRAINAGE AREA	0.001	SQ. MI.
TERRAIN	GRASS & IMP.	
IMPERVIOUS AREA	10	%
DISCHARGE (Q50)	2.28	CFS
DISCHARGE (Q100)	2.43	CFS
VELOCITY (Q50)	4.35	FT/S
VELOCITY (Q100)	4.43	FT/S

DRAINAGE DATA FOR DRAINAGE AREA 5
STATION: 252+58.41
EXISTING STRUCTURE: 4'x4' RCBC

INLET	444.17	ELEV.
OUTLET	427.29	ELEV.
SKEW	44° 59' 02"	DEG.
FLOW	WEST	
DRAINAGE AREA	0.062	SQ. MI.
TERRAIN	GRASS, FOREST, AG., & IMP.	
IMPERVIOUS AREA	20	%
DISCHARGE (Q50)	43.99	CFS
DISCHARGE (Q100)	48.60	CFS
VELOCITY (Q50)	15.84	FT/S
VELOCITY (Q100)	16.37	FT/S

DRAINAGE DATA FOR DRAINAGE AREA 6
STATION: 132+46.95
EXISTING STRUCTURE: 30" RCP

INLET	459.22	ELEV.
OUTLET	448.91	ELEV.
SKEW	89° 38' 43"	DEG.
FLOW	SOUTH	
DRAINAGE AREA	0.056	SQ. MI.
TERRAIN	GRASS, FOREST, AG., & IMP.	
IMPERVIOUS AREA	15	%
DISCHARGE (Q50)	37.44	CFS
DISCHARGE (Q100)	41.36	CFS
VELOCITY (Q50)	20.04	FT/S
VELOCITY (Q100)	20.43	FT/S

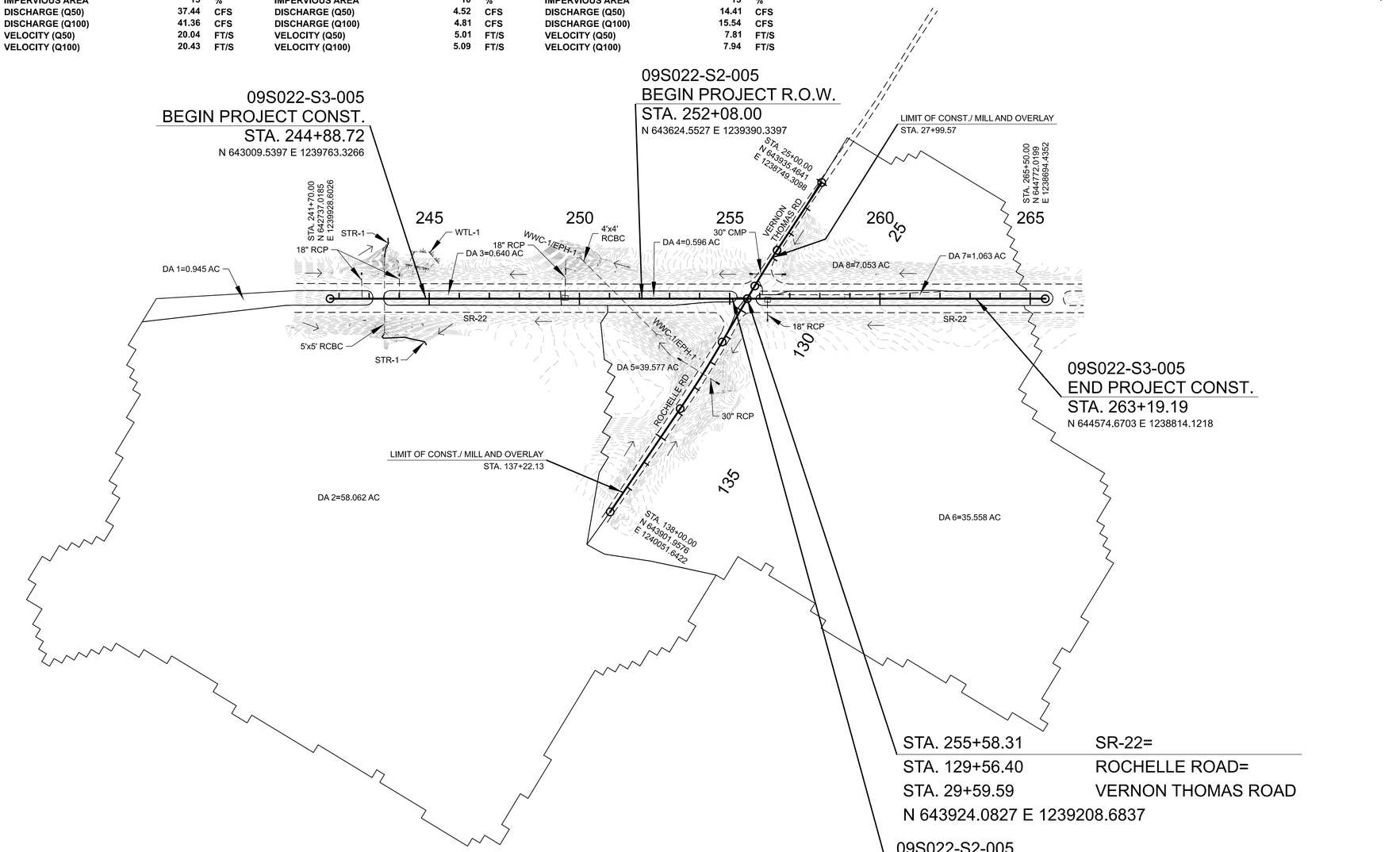
DRAINAGE DATA FOR DRAINAGE AREA 7
STATION: 256+26.06
EXISTING STRUCTURE: 18" RCP

INLET	481.09	ELEV.
OUTLET	480.65	ELEV.
SKEW	89° 55' 46"	DEG.
FLOW	EAST	
DRAINAGE AREA	0.0017	SQ. MI.
TERRAIN	GRASS & IMP.	
IMPERVIOUS AREA	10	%
DISCHARGE (Q50)	4.52	CFS
DISCHARGE (Q100)	4.81	CFS
VELOCITY (Q50)	5.01	FT/S
VELOCITY (Q100)	5.09	FT/S

DRAINAGE DATA FOR DRAINAGE AREA 8
STATION: 28+29.45
EXISTING STRUCTURE: 30" CMP

INLET	479.11	ELEV.
OUTLET	478.06	ELEV.
SKEW	59° 09' 45"	DEG.
FLOW	SOUTH	
DRAINAGE AREA	0.011	SQ. MI.
TERRAIN	GRASS, FOREST, AG., & IMP.	
IMPERVIOUS AREA	15	%
DISCHARGE (Q50)	14.41	CFS
DISCHARGE (Q100)	15.54	CFS
VELOCITY (Q50)	7.81	FT/S
VELOCITY (Q100)	7.94	FT/S

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	10
PLAN-IN-HAND	2025	09S022-S3-005	10
PS&E	2026	09S022-S3-005	10



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE

Jill Claudine Stanko

9/27/2026

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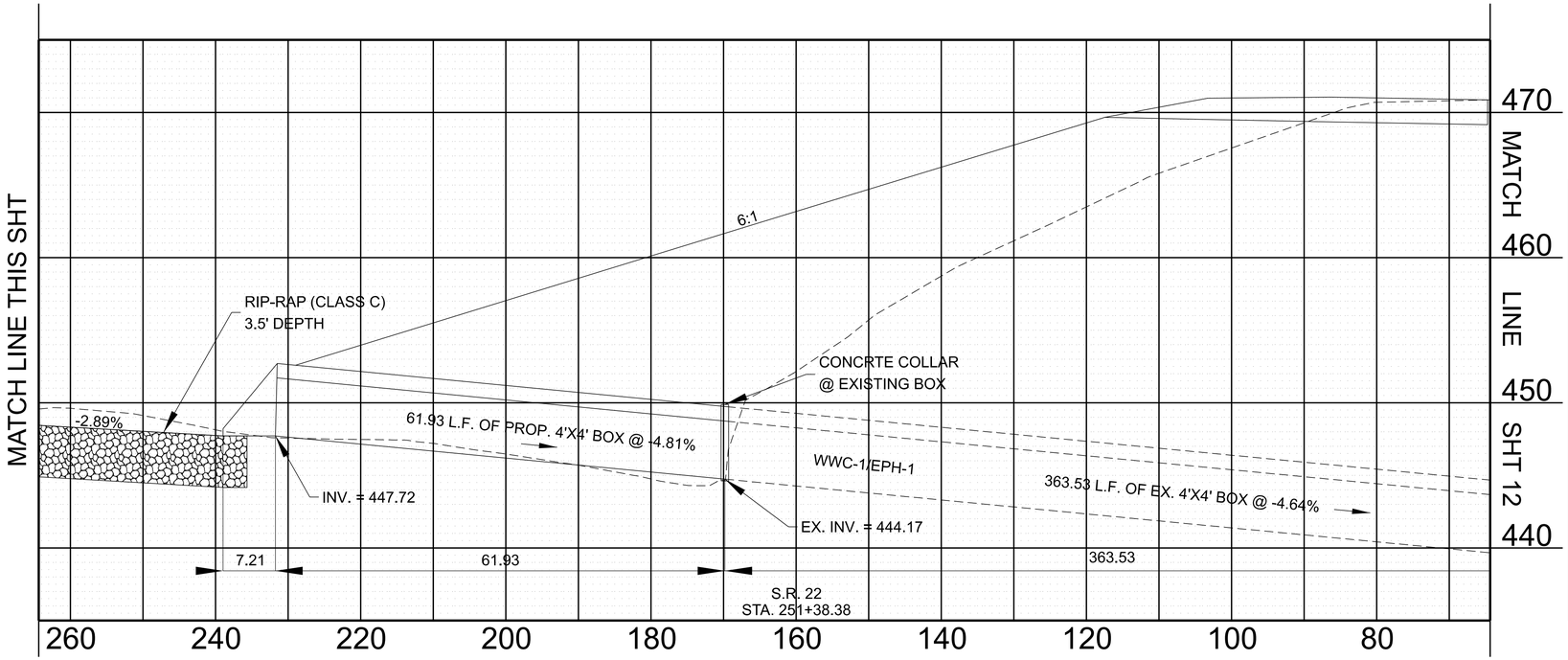
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

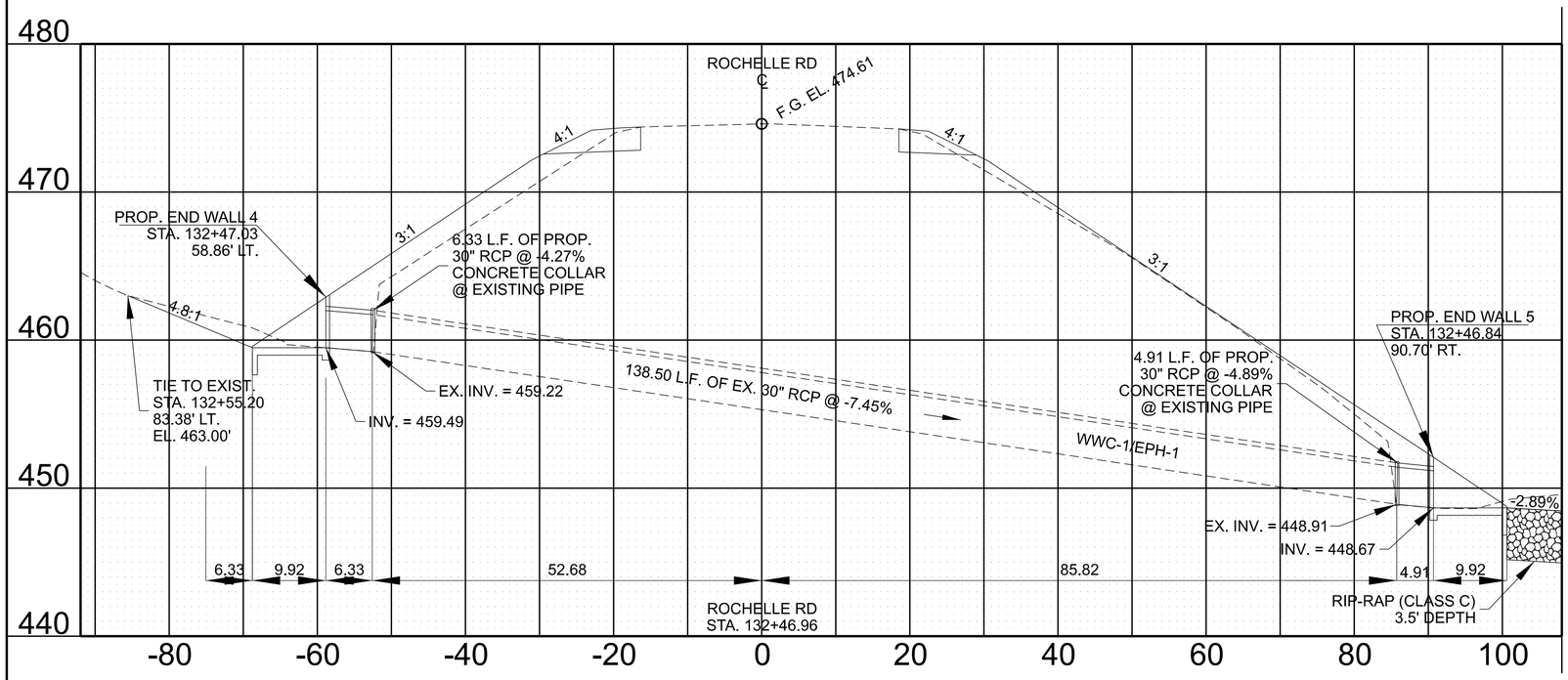
SCALE: 1" = 200'

8/20/2026 8:39:27 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	11
PLAN-IN-HAND	2025	09S022-S3-005	11
PS&E	2026	09S022-S3-005	11



PROP. BOX CULVERT		
STATION: 251 + 38.38		
STRUCTURE: 61.93 L.F. EXT. OF 4'X4' BOX CULVERT		
SKEW	45	DEG
DRAINAGE AREA	39.577	AC.
DESIGN DISCHARGE (Q50)	43.99	CFS
DESIGN DISCHARGE (Q100)	48.60	CFS
OVERTOPPING	470	ELEV.
ALLOWABLE HEADWATER	465	ELEV.
Q50 HEADWATER	447.05	ELEV.
Q100 HEADWATER	447.24	ELEV.
VELOCITY (Q50)	15.84	FT/S
VELOCITY (Q100)	16.37	FT/S
INLET	447.72	FT.
OUTLET	427.29	FT.
STANDARD DRAWING NOS.: STD-17-014, STD-17-010		
STD-17-17&18,		
QUANTITIES:		
CLASS "A" CONCRETE	47	C.Y.
STEEL BAR REINFORCING	8937	LB.
BACKFILL	370	TONS
FOUNDATION FILL MATERIAL	24	C.Y.



PIPE CULVERT		
STATION: 132 + 46.96		
STRUCTURE: 6.33 L.F. & 4.91 L.F. EXT. OF 30" RCP		
SKEW	90	DEG
DRAINAGE AREA	35.558	AC.
DESIGN DISCHARGE (Q50)	37.44	CFS
DESIGN DISCHARGE (Q100)	41.36	CFS
OVERTOPPING	474.61	ELEV.
ALLOWABLE HEADWATER	471.50	ELEV.
Q50 HEADWATER	462.67	ELEV.
Q100 HEADWATER	462.95	ELEV.
VELOCITY (Q50)	20.04	FT/S
VELOCITY (Q100)	20.43	FT/S
ENDWALLS REQUIRED: 2 - 30" TYPE U 3:1		
STANDARD DRAWING NOS.: D-PB-1, D-PE-30A, D-PE-30B		
QUANTITIES:		
CLASS "A" CONCRETE	3.68	C.Y.
STEEL BAR REINFORCING	348	LB.
STRUCTURAL STEEL	228	LB.
BEDDING MATERIAL	3.20	C.Y.
ENDWALL ITEM NOS.: 611-07.60		

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REGISTERED ENGINEER
No. 121754
STATE OF TENNESSEE
8/27/2026

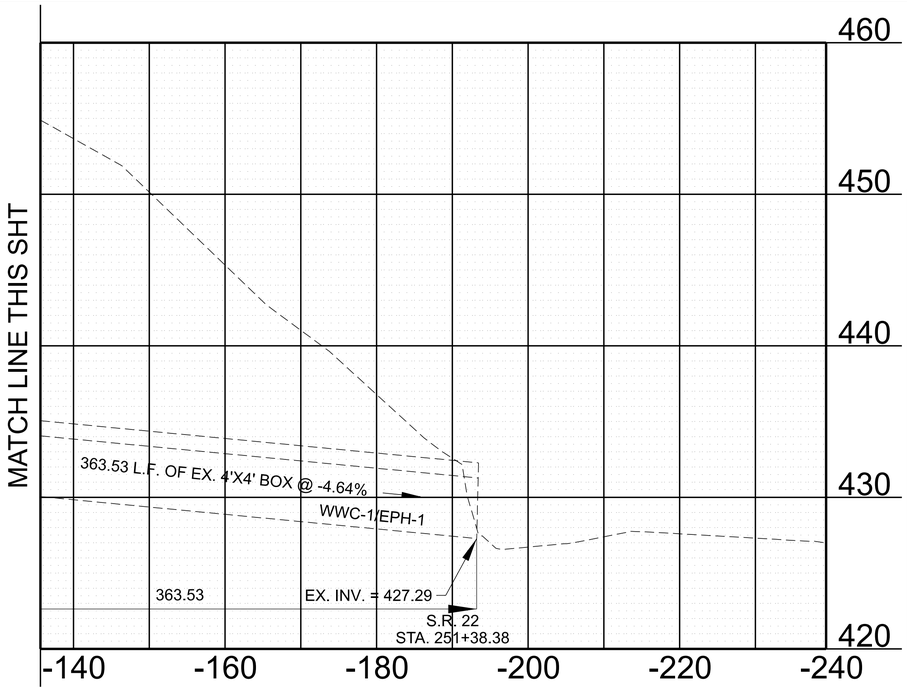
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
SECTION

SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

8/20/2026 8:40:00 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	12
PLAN-IN-HAND	2025	09S022-S3-005	12
PS&E	2026	09S022-S3-005	12

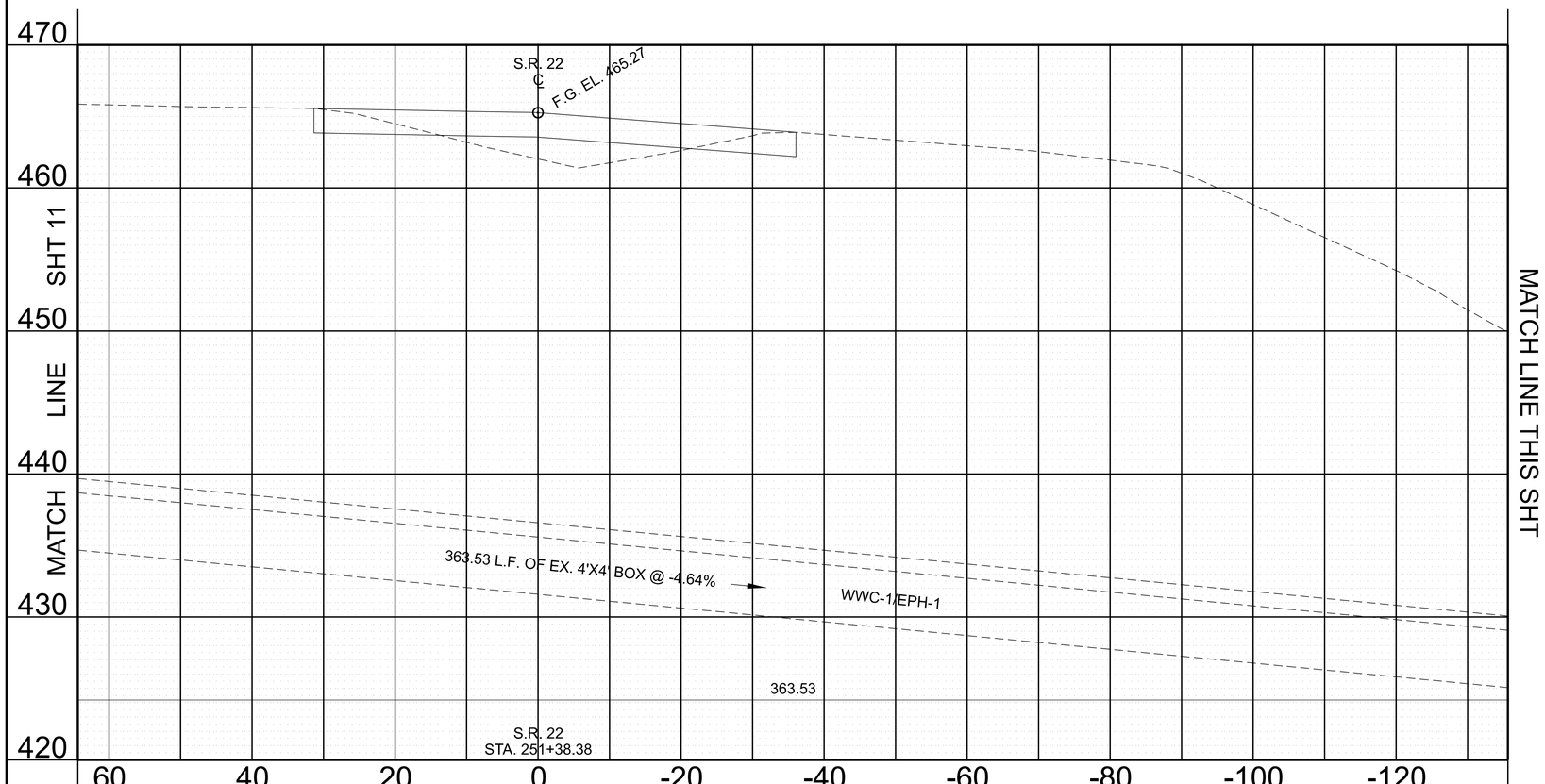


PROP. BOX CULVERT
STATION: 251 + 38.38
STRUCTURE: 61.93 L.F. EXT. OF 4'X4' BOX CULVERT

SKEW	45	DEG
DRAINAGE AREA	39.577	AC.
DESIGN DISCHARGE (Q50)	43.99	CFS
DESIGN DISCHARGE (Q100)	48.60	CFS
OVERTOPPING	470	ELEV.
ALLOWABLE HEADWATER	465	ELEV.
Q50 HEADWATER	447.05	ELEV.
Q100 HEADWATER	447.24	ELEV.
VELOCITY (Q50)	15.84	FT/S
VELOCITY (Q100)	16.37	FT/S
INLET	447.72	FT.
OUTLET	427.29	FT.

STANDARD DRAWING NOS.: STD-17-014, STD-17-010
STD-17-17&18,
QUANTITIES:

CLASS "A" CONCRETE	47	C.Y.
STEEL BAR REINFORCING	8937	LB.
BACKFILL	370	TONS
FOUNDATION FILL MATERIAL	24	C.Y.



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

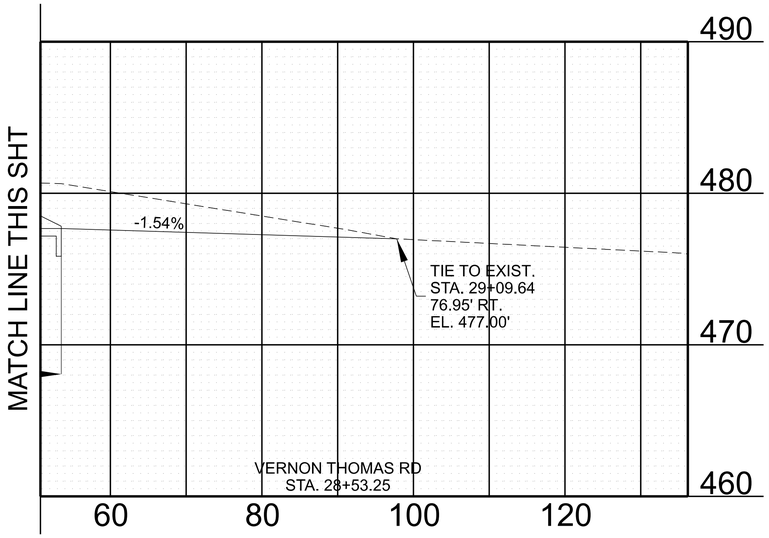
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
SECTION

SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	13
PLAN-IN-HAND	2025	09S022-S3-005	13
PS&E	2026	09S022-S3-005	13



PROPOSED PIPE CULVERT
STATION: 28 + 53.25
STRUCTURE: 100 L.F. OF 30" RCP

SKEW	59	DEG
DRAINAGE AREA	7.053	AC.
DESIGN DISCHARGE (Q50)	14.41	CFS
DESIGN DISCHARGE (Q100)	15.54	CFS
OVERTOPPING	484.00	ELEV.
ALLOWABLE HEADWATER	482.00	ELEV.
Q50 HEADWATER	481.00	ELEV.
Q100 HEADWATER	481.08	ELEV.
VELOCITY (Q50)	7.81	FT/S
VELOCITY (Q100)	7.94	FT/S

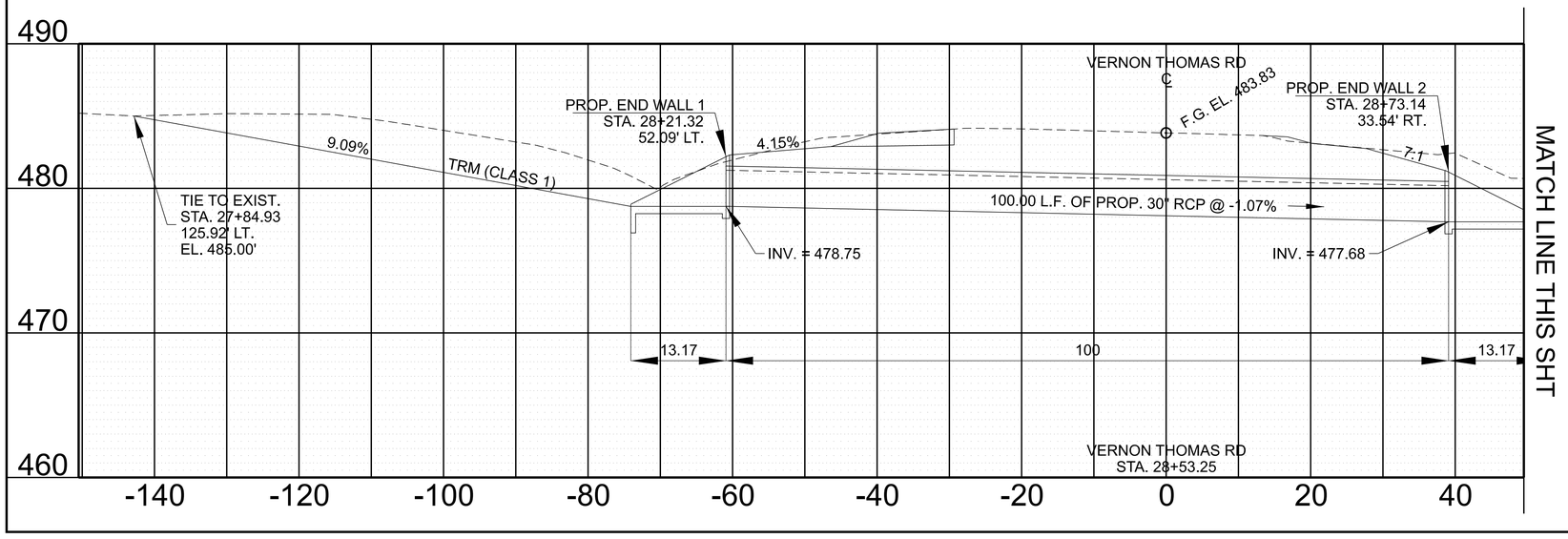
ENDWALLS REQUIRED: 2 - 30" TYPE U 4:1

STANDARD DRAWING NOS.: D-PB-1, D-PE-30A, D-PB-30B, & D-PE-99

QUANTITIES:

CLASS "A" CONCRETE	4.64	C.Y.
STEEL BAR REINFORCING	432	LB.
STRUCTURAL STEEL	274	LB.
BEDDING MATERIAL	28.3	C.Y.

ENDWALL ITEM NOS.: 611-07.61



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

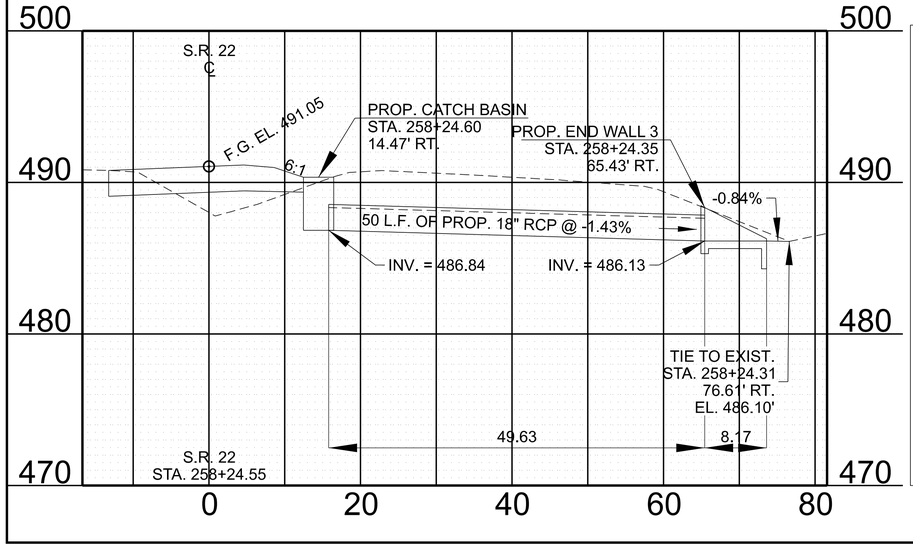
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DEPARTMENT OF TRANSPORTATION

CULVERT
SECTION

SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	14
PLAN-IN-HAND	2025	09S022-S3-005	14
PS&E	2026	09S022-S3-005	14



PROPOSED PIPE CULVERT
STATION: 258 + 24.55
STRUCTURE: 50 L.F. OF 18" RCP

SKEW	90	DEG
DRAINAGE AREA	1.063	AC.
DESIGN DISCHARGE (Q50)	4.52	CFS
DESIGN DISCHARGE (Q100)	4.81	CFS
OVERTOPPING	N/A	ELEV.
ALLOWABLE HEADWATER	N/A	ELEV.
Q50 HEADWATER	N/A	ELEV.
Q100 HEADWATER	N/A	ELEV.
VELOCITY (Q50)	4.60	FT/S
VELOCITY (Q100)	4.70	FT/S

ENDWALLS REQUIRED: 1 - 18" TYPE U 4:1

STANDARD DRAWING NOS.: D-PB-1, D-PE-18A, D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	1.08	C.Y.
STEEL BAR REINFORCING	98	LB.
BEDDING MATERIAL	10.8	C.Y.

ENDWALL ITEM NOS.: 611-07.55

SEALED BY

JILL CLAUDINE STANCO
REGISTERED ENGINEER
No. 121754
STATE OF TENNESSEE
8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	15
PLAN-IN-HAND	2025	09S022-S3-005	15
PS&E	2026	09S022-S3-005	15

EROSION PREVENTION AND SEDIMENT CONTROL

SUBSECTION 3 – EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

INSPECTION, MAINTENANCE & REPAIR

(11) REFER TO THE STORM WATER POLLUTION AND PREVENTION PLAN SHEET SERIES (S-1) FOR SWPPP, PERMITS, AND RECORDS NOTES.

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.

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
COURAGE
No. 121754
STATE OF TENNESSEE
8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	16
PLAN-IN-HAND	2025	09S022-S3-005	16
PS&E	2026	09S022-S3-005	16

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
SFB SFB SFB SFB	SEDIMENT FILTER BAG	EC-STR-2
✳ SFB ✳ SFB ✳	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
✳ ✳ ✳ ✳	FILTER SOCK CHECK DAM	EC-STR-8
✳✳SOCK 18"✳✳	18 INCH FILTER SOCK	EC-STR-8
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
A	CATCH BASIN PROTECTION (TYPE A)	EC-STR-19
D	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
	TEMPORARY DIVERSION CHANNEL (25' WDITH, LINED WITH RIPAP)	EC-STR-31
	SUSPENDED PIPE DIVERSION	EC-STR-33 EC-STR-33A
✳ HVF ✳ HVF	HIGH VISIBILITY FENCE	S-F-1

NOTE: TEMPORARY CONSTRUCTION EXITS TO BE LOCATED BY THE ENGINEER.

OUTFALL TABLE				
OUTFALL	AREA (ACRES)			SLOPE (%)
	STAGE 1	STAGE 2	STAGE 3	
1	0.64	0.64	0.64	1.24
2	49.01	49.01	49.01	4.81
2A	8.92	8.92	8.92	6.77
2B	0.60	0.00	0.00	2.88
2C	7.39	7.39	7.39	10.90
2D	1.16	1.16	1.16	5.84
2E	25.95	25.95	25.95	28.44
2F	1.06	0.00	0.00	1.96
2G	0.47	0.00	0.00	16.35
2H	0.90	0.90	0.90	15.76
2I	0.00	0.85	0.00	11.81
3	0.51	0.51	0.51	4.94
4	1.44	1.44	1.44	18.13

TABULATED EPSC QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 09S022-S3-005
(1)(2)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	16
(1)(3)	209-03.22	FILTER SOCK (18 INCH)	L.F.	398
(1)(3)	209-05	SEDIMENT REMOVAL	C.Y.	269
(1)(3)(4)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	421
(1)(3)	209-08.07	ROCK CHECK DAM	EACH	1
(1)(3)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	3
(1)(3)	209-08.09	FILTER SOCK CHECK DAM	EACH	22
(1)(3)	209-09.01	SANDBAGS	BAG	839
(1)(3)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	1
(1)(3)	209-20.04	POLYETHYLENE SHEETING (10 MIL.)	S.Y.	36
(1)(3)	209-40.30	CATCH BASIN PROTECTION (TYPE A)	EACH	1
(1)(3)	209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH	2
(1)(3)	209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	38
(1)(3)(5)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	89
(1)(3)	621-03.03	24" TEMPORARY DRAINAGE PIPE	L.F.	96
(1)(3)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	226
(1)(3)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100
(1)(3)(6)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	495
(1)(3)(7)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	1110
(1)(3)(8)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	83
(1)(3)(9)	801-03	WATER (SEEDING & SODDING)	M.G.	92
(1)(3)(10)	803-01	SODDING (NEW SOD)	S.Y.	10170

FOOTNOTES

(1) ALL EPSC QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
(2) INCLUDES 16 C.Y. TO BE USED FOR TEMPORARY CONSTRUCTION ENTRANCES/EXITS.
(3) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
(4) INCLUDES 127 L.F. FOR SEDIMENT FILTER BAGS
(5) INCLUDES 25 TONS FOR CULVERT PROTECTION TYPE 1, AND 64 TONS FOR SEDIMENT FILTER BAGS
(6) INCLUDES 247 TONS FOR TYPE 1 CULVERT PROTECTION AND 248 TONS FOR DIVERSION CHANNELS
(7) INCLUDES 446 S.Y. FOR TYPE 1 CULVERT PROTECTION, 172 TONS FOR TEMPORARY CONSTRUCTION EXITS, 381 S.Y. FOR DIVERSION CHANNELS, AND 111 S.Y. FOR SEDIMENT FILTER BAGS.
(8) 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.
(9) INCLUDES 92 THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.
(10) INCLUDES 589 S.Y. FOR SPECIAL DITCHES.

TERRAIN			
TOTAL PROJECT AREA	PERVIOUS (%)	IMPERVIOUS (%)	COMMENTS
PRE-CONSTRUCTION	83	17	PERVIOUS TERRAIN INCLUDES GRASS, FORREST, & AG.
POST-CONSRUCTION	78	22	PERVIOUS TERRAIN INCLUDES GRASS, FORREST, & AG.

SEALED BY

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No. 121754
STATE OF TENNESSEE
9/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) LEGEND & TABULATION

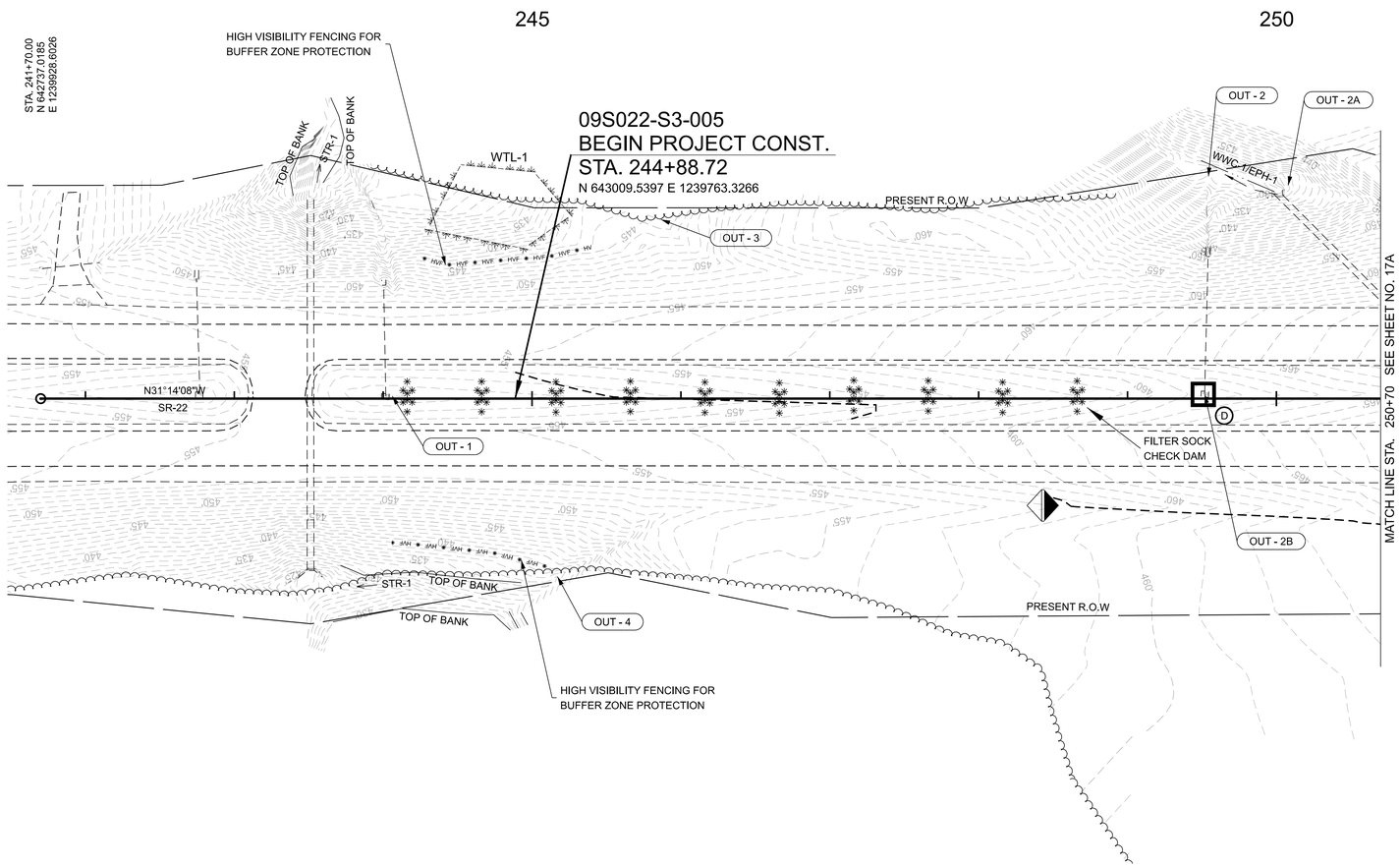
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	17
PLAN-IN-HAND	2025	09S022-S3-005	17
PS&E	2026	09S022-S3-005	17

OUTFALL TABLE		
OUTFALL	AREA (ACRES) STAGE 1	SLOPE (%)
1	0.64	1.24
2	49.01	4.81
2A	8.92	6.77
2B	0.60	2.88
3	0.51	4.94
4	1.44	18.13

LEGEND	WETLAND IMPACTS (WTL-1)
	AREA OF PERMANENT IMPACT = 0 AC. VOLUME OF PERMANENT IMPACT = 0 C.Y.
	AREA OF TEMPORARY IMPACT = 0 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.

NOTE: WWC-1/EPH-1 TO BE PROTECTED AS A STREAM.



STAGE 1
EXISTING CONTOURS

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
Jill Claudine Stanko
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

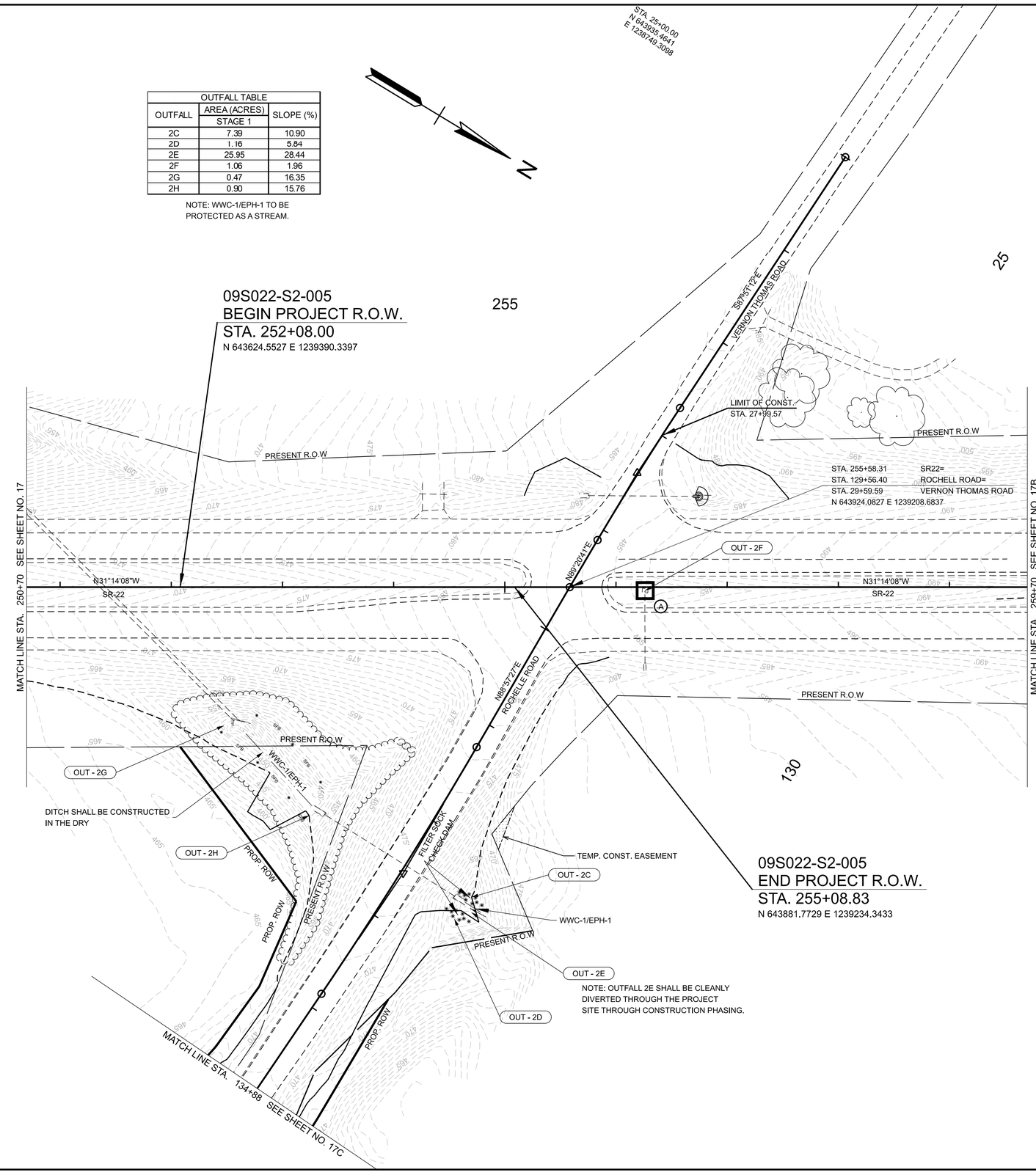
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	17A
PLAN-IN-HAND	2025	09S022-S3-005	17A
PS&E	2026	09S022-S3-005	17A

OUTFALL TABLE		
OUTFALL	AREA (ACRES) STAGE 1	SLOPE (%)
2C	7.39	10.90
2D	1.16	5.84
2E	25.95	28.44
2F	1.06	1.96
2G	0.47	16.35
2H	0.90	15.76

NOTE: WWC-1/EPH-1 TO BE PROTECTED AS A STREAM.



STAGE 1
EXISTING CONTOURS

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

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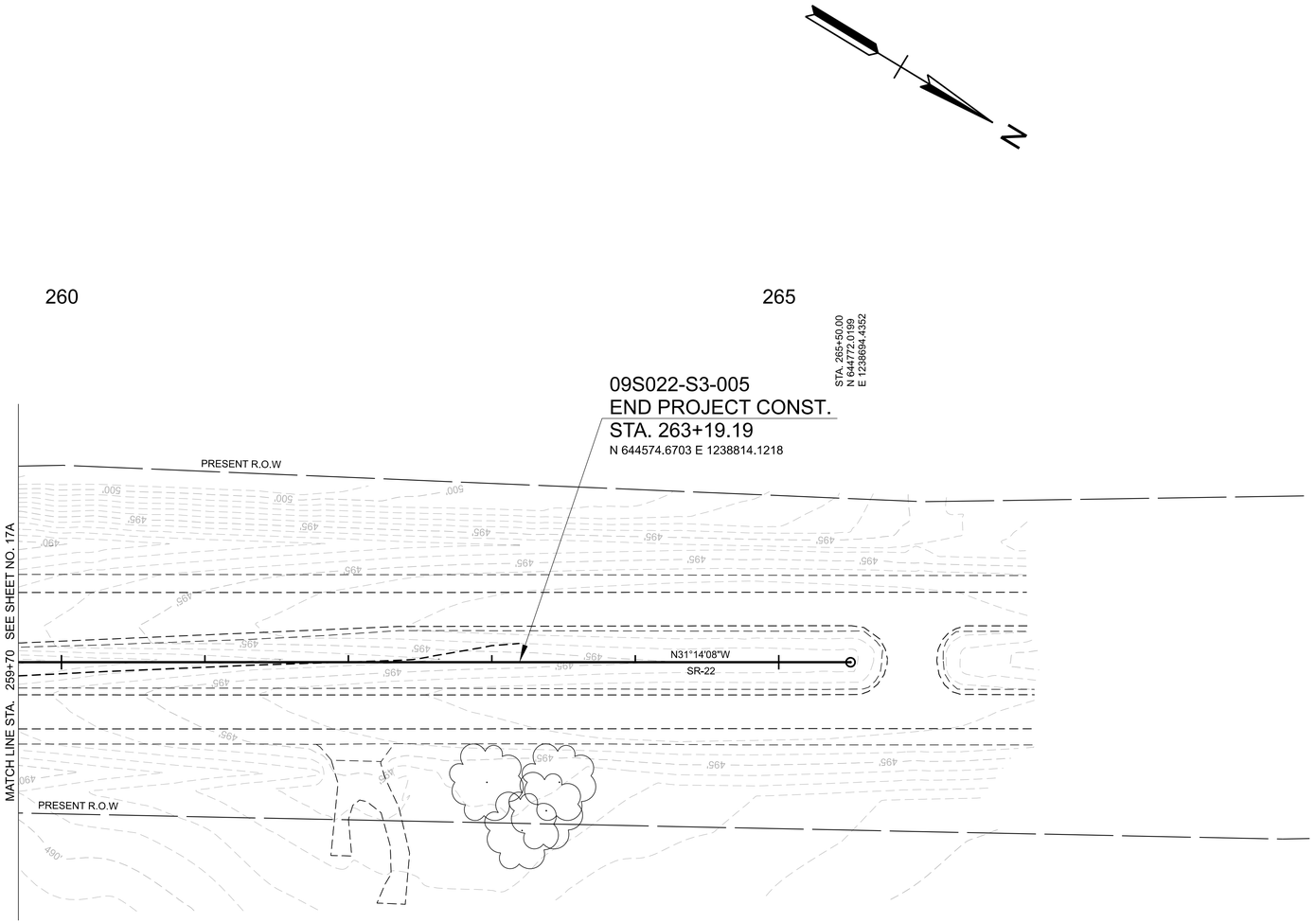
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	17B
PLAN-IN-HAND	2025	09S022-S3-005	17B
PS&E	2026	09S022-S3-005	17B



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REGISTERED ENGINEER
Jill Claudine Stanko
AGRICULTURE & ENVIRONMENT
POWELL
No. 121754
STATE OF TENNESSEE
8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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SCALE: 1" = 50'

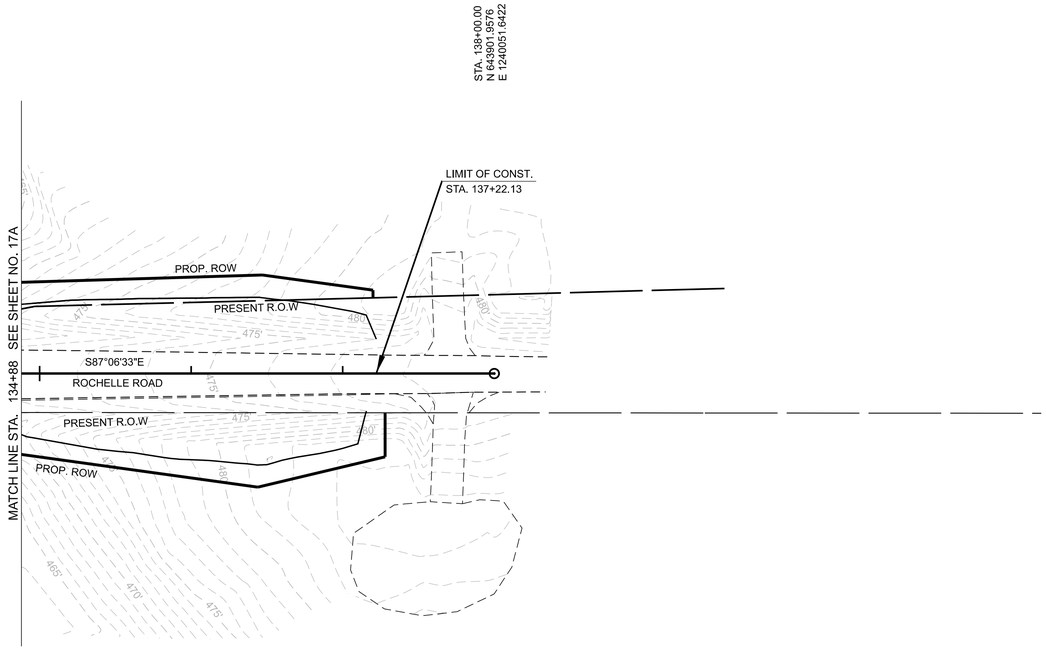
STAGE 1
EXISTING CONTOURS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	17C
PLAN-IN-HAND	2025	09S022-S3-005	17C
PS&E	2026	09S022-S3-005	17C

N

135



STAGE 1
EXISTING CONTOURS

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REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
9/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

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SCALE: 1" = 50'

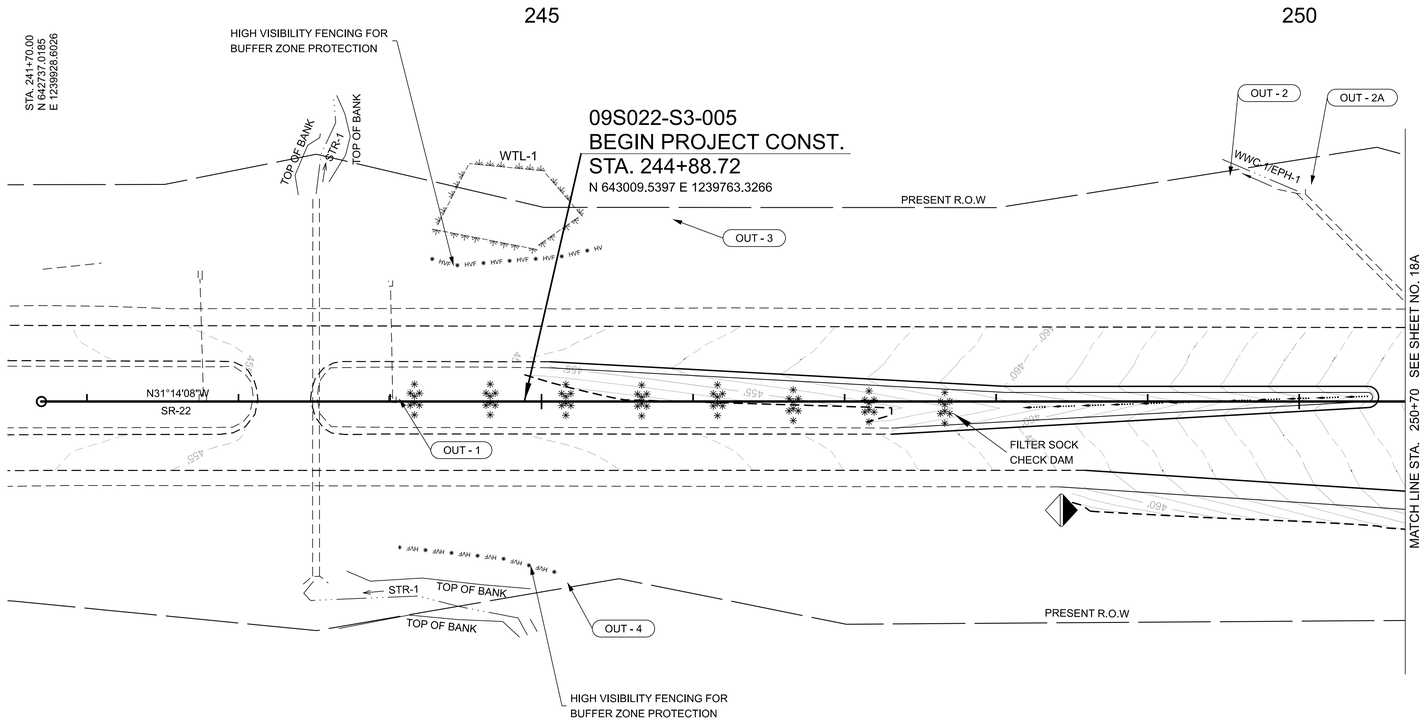
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	18
PLAN-IN-HAND	2025	09S022-S3-005	18
PS&E	2026	09S022-S3-005	18

OUTFALL TABLE		
OUTFALL	AREA (ACRES) STAGE 2	SLOPE (%)
1	0.64	1.24
2	49.01	4.81
2A	8.92	3.77
3	0.51	4.94
4	1.44	18.13

LEGEND	WETLAND IMPACTS (WTL-1)
	AREA OF PERMANENT IMPACT = 0 AC. VOLUME OF PERMANENT IMPACT = 0 C.Y.
	AREA OF TEMPORARY IMPACT = 0 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.

NOTE: WWC-1/EPH-1 SHALL BE PROTECTED AS A STREAM.
ALL WORK TO BE CONSTRUCTED IN THE DRY.



STAGE 2
INTERMEDIATE CONTOURS

SEALED BY

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No. 121754
STATE OF TENNESSEE
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN.
ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

BOP TO STA. 250+70.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	18A
PLAN-IN-HAND	2025	09S022-S3-005	18A
PS&E	2026	09S022-S3-005	18A

OUTFALL TABLE		
OUTFALL	AREA (ACRES) STAGE 2	SLOPE (%)
2C	7.39	10.90
2D	1.16	5.84
2E	25.95	28.44
2H	0.90	15.76
2I	0.85	11.81

NOTE: WWC-1/EPH-1 SHALL BE PROTECTED AS A STREAM. ALL WORK TO BE CONSTRUCTED IN THE DRY.

N

STA. 25+00.00
N 643935.4641
E 1238749.3088

09S022-S2-005
BEGIN PROJECT R.O.W.
STA. 252+08.00
N 643624.5527 E 1239390.3397

255

25

S47°51'12"E
VERNON THOMAS ROAD

PROP. 30" TYPE U
STA. 28+73.14
OFF. 33.54' RT
INV. ELEV. 477.68'

PRESENT R.O.W

END SPECIAL DITCH LT
STA. 255+60.68 OFF. -91.91' WIDTH 4'

BEGIN SPECIAL DITCH LT
STA. 255+17.48 OFF. -82.17' WIDTH 0'

LIMIT OF CONST.
STA. 27+99.57

BEGIN SPECIAL DICTH LT
STA. 27+99.22 OFF. -41.58'

END SPECIAL DICTH LT
STA. 28+10.63 OFF. -66.45'

PRESENT R.O.W

BEGIN SPECIAL DICTH LT
STA. 256+87.01 OFF. -90.93' WIDTH 4'

30" RCP
100'

STA. 255+58.31 SR-22=
STA. 129+56.40 ROCHELLE ROAD=
STA. 29+59.59 VERNON THOMAS ROAD
N 643924.0827 E 1239208.6837

END SPECIAL DICTH LT
STA. 257+55.01 OFF. -80.20' WIDTH 0'

MATCH LINE STA. 250+70 SEE SHEET NO. 18

MATCH LINE STA. 259+70 SEE SHEET NO. 18B

N31°14'08"W
SR-22

N89°29'41"E

N31°14'08"W
SR-22

18" RCP
149.63'

PROP. NO. 39 CB
STA. 258+24.60
OFF. 14.47' RT
RIM ELEV. 490.34'
INV. ELEV. 486.84'

PROP. 18" TYPE U
STA. 258+24.35
OFF. 65.43' RT
INV. ELEV. 486.13'

PRESENT R.O.W

4'X4' BOX CULVERT TO REMAIN - 363.53'

WWC-1/EPH-1

18" FILTER SOCK

SOCK

BEGIN SPECIAL DITCH RT
STA. 253+06.42 OFF. 169.72'
WIDTH 17.82'

PRESENT R.O.W

N88°57'27"E
ROCHELLE ROAD

130

PROP. 4'X4' RCBC
61.93' EXTENSION
STA. 132+30.60
OFF. 137.53' RT
INV. ELEV. 447.72'
WINGWALL - 7.49'

OUT - 2I

DITCH SHALL BE CONSTRUCTED IN THE DRY

OUT - 2H

PROP. 30" TYPE U
4.91' EXTENSION
STA. 132+46.84
OFF. 90.70' RT
INV. ELEV. 448.67'

END SPECIAL DITCH RT
STA. 253+25.24 OFF. 196.60'
WIDTH 4'

18" FILTER SOCK

PROP. ROW

PRESENT R.O.W

30" RCP
EX. LENGTH TO REMAIN - 135.5'

FILTER SOCK CHECK DAM

TEMP. CONST. EASEMENT

OUT - 2C

PROP. 30" TYPE U
6.33' EXTENSION
STA. 132+47.04
OFF. 58.86' LT
INV. ELEV. 459.49'

WWC-1/EPH-1

PRESENT R.O.W

OUT - 2D

OUT - 2E

NOTE: OUTFALL 2E SHALL BE CLEANLY DIVERTED THROUGH THE PROJECT SITE THROUGH CONSTRUCTION PHASING.

09S022-S2-005
END PROJECT R.O.W.
STA. 255+08.83
N 643881.7729 E 1239234.3433

MATCH LINE STA. 134+88 SEE SHEET NO. 18C

STAGE 2
INTERMEDIATE CONTOURS

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
POWERS
No. 121754
STATE OF TENNESSEE

8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

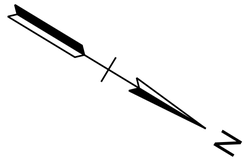
EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

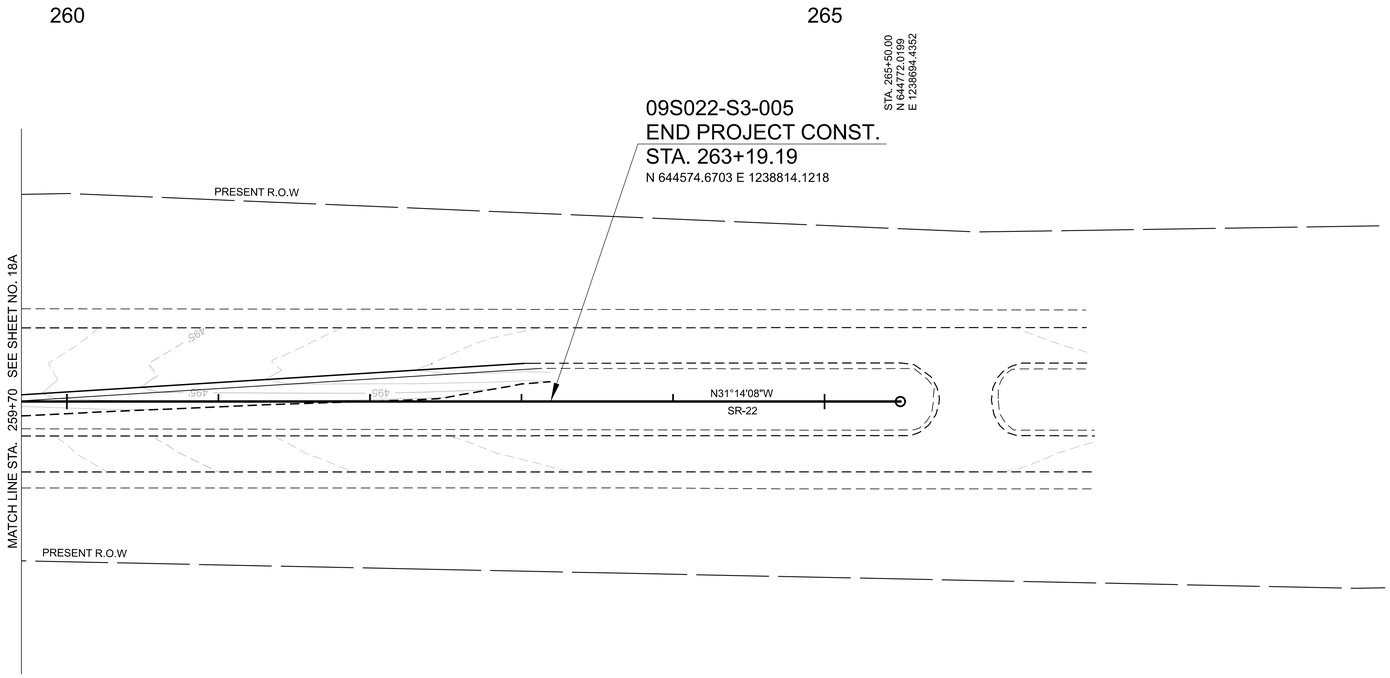
STA. 250+70.00 TO STA. 259+70.00

SCALE: 1" = 50'

8/20/2026 8:41:23 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TR\TRANSPORTATION\09S022-SHT-EPSC II.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	18B
PLAN-IN-HAND	2025	09S022-S3-005	18B
PS&E	2026	09S022-S3-005	18B





STAGE 2
INTERMEDIATE CONTOURS

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

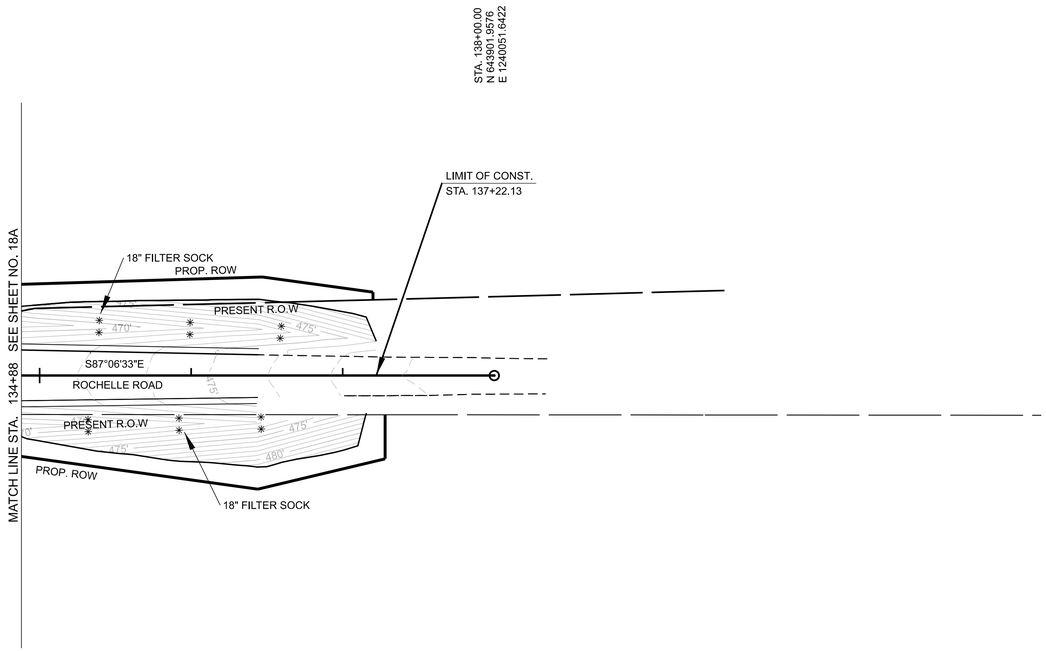
STA. 259+70.00 TO EOP
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	18C
PLAN-IN-HAND	2025	09S022-S3-005	18C
PS&E	2026	09S022-S3-005	18C

N

135



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 127754
STATE OF TENNESSEE
8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 134+88.00 TO EOC
SCALE: 1" = 50'

STAGE 2
INTERMEDIATE CONTOURS

8/20/2026 8:41:26 AM
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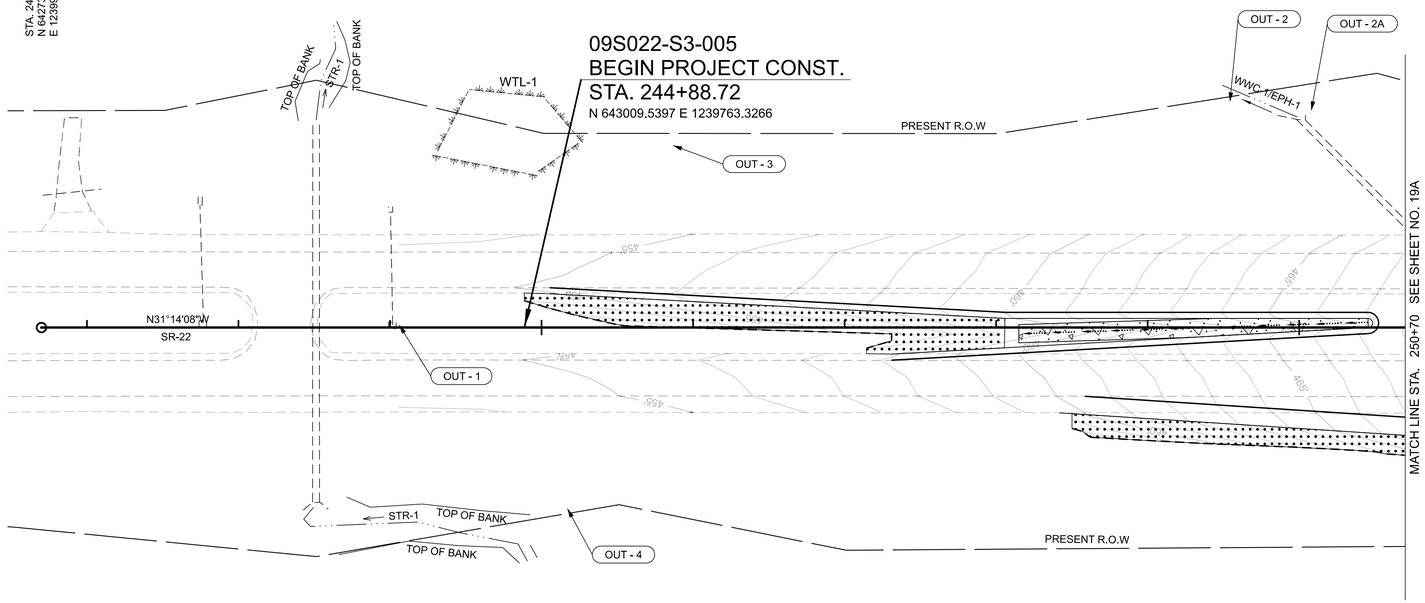
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	19
PLAN-IN-HAND	2025	09S022-S3-005	19
PS&E	2026	09S022-S3-005	19

OUTFALL TABLE		
OUTFALL	AREA (ACRES) STAGE 3	SLOPE (%)
1	0.64	1.24
2	49.01	4.81
2A	8.92	6.77
3	0.51	4.94
4	1.44	18.13

LEGEND	WETLAND IMPACTS (WTL-1)
	AREA OF PERMANENT IMPACT = 0 AC. VOLUME OF PERMANENT IMPACT = 0 C.Y.
	AREA OF TEMPORARY IMPACT = 0 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.

SOD

CONCRETE



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
POWERS
No. 121754
STATE OF TENNESSEE
Jill Claudine Stanko
9/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

BOP TO STA. 250+70.00

SCALE: 1" = 50'

STAGE 3
PROPOSED CONTOURS
FINAL STABALIZATION

8/20/2026 8:41:32 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	19A
PLAN-IN-HAND	2025	09S022-S3-005	19A
PS&E	2026	09S022-S3-005	19A

OUTFALL TABLE		
OUTFALL	AREA (ACRES) STAGE 3	SLOPE (%)
2C	7.39	10.90
2D	1.16	5.84
2E	25.95	28.44
2H	0.90	15.76

SOD

RIP-RAP

N

STA. 25+00.00
N 643935.4641
E 1238749.3088

09S022-S2-005
BEGIN PROJECT R.O.W.
STA. 252+08.00
N 643624.5527 E 1239390.3397

255

25

S8°5'11"E
VERNON THOMAS ROAD

LIMIT OF CONST.
STA. 27+99.57

PRESENT R.O.W

PRESENT R.O.W

30" RCP

STA. 255+58.31 SR22=
STA. 129+56.40 ROCHELL ROAD=
STA. 29+59.59 VERNON THOMAS ROAD
N 643924.0827 E 1239208.6837

N89°29'41"E

N31°14'08"W
SR-22

N31°14'08"W
SR-22

18" RCP

MATCH LINE STA. 250+70 SEE SHEET NO. 19

MATCH LINE STA. 259+70 SEE SHEET NO. 19B

WWC-1/EPH-1

N88°57'27"E
ROCHELLE ROAD

PRESENT R.O.W

PRESENT R.O.W

CLASS C RIP-RAP
3.5' DEPTH
SEE DETAIL A
FOR DIMENSIONS

OUT - 2H

PROP. ROW

PROP. ROW

PRESENT R.O.W

TEMP. CONST. EASEMENT

OUT - 2C

WWC-1/EPH-1

PRESENT R.O.W

OUT - 2E

OUT - 2D

PROP. ROW

130

09S022-S2-005
END PROJECT R.O.W.
STA. 255+08.83
N 643881.7729 E 1239234.3433

31.25'
31.94'
37.94'
20'
DETAIL A

MATCH LINE STA. 134+88 SEE SHEET NO. 19C

STAGE 3
PROPOSED CONTOURS
FINAL STABALIZATION

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
Jill Claudine Stanko
8/27/2026

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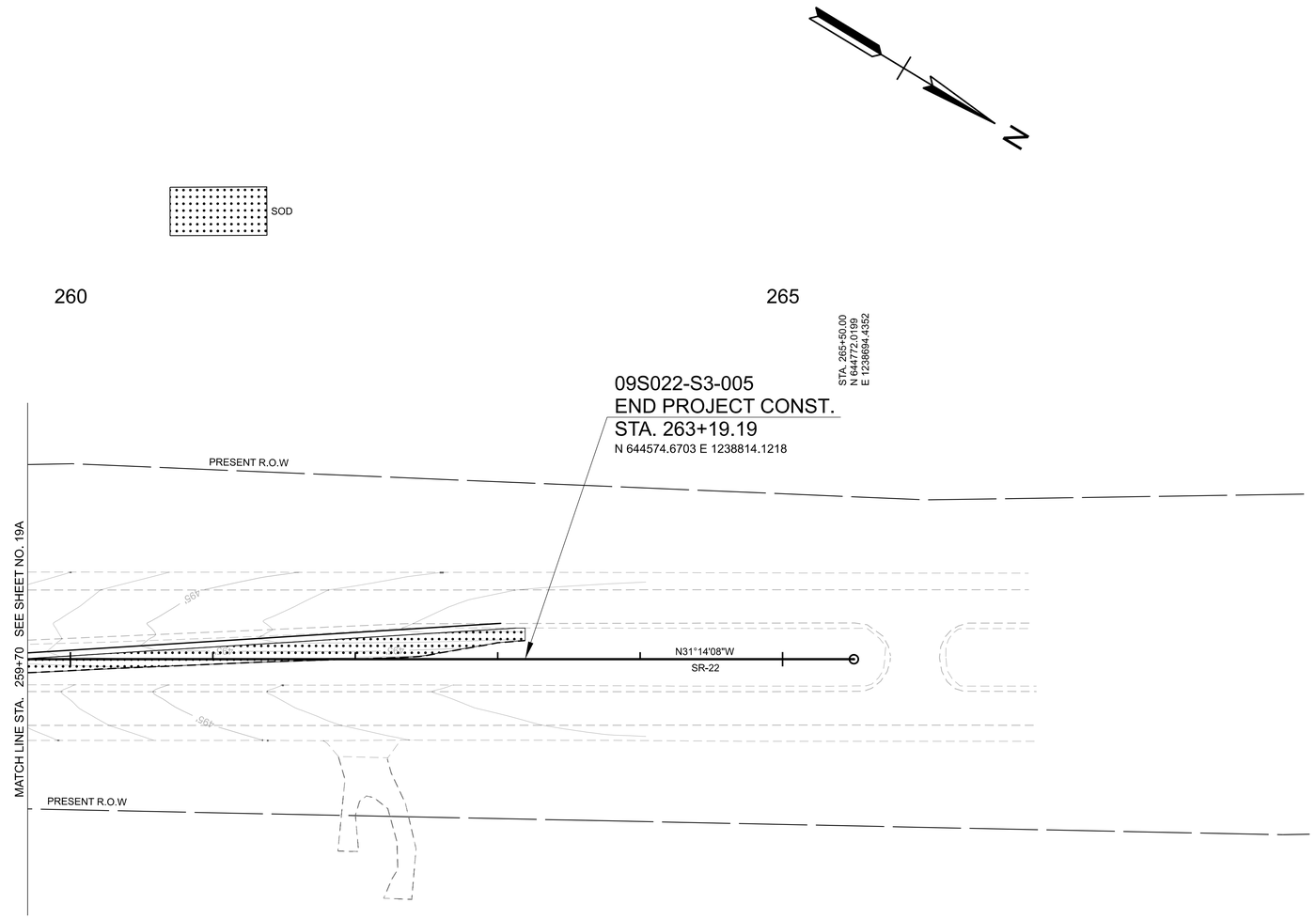
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 250+70.00 TO STA. 259+70.00
SCALE: 1" = 50'

8/20/2026 8:41:33 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	19B
PLAN-IN-HAND	2025	09S022-S3-005	19B
PS&E	2026	09S022-S3-005	19B



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
AGRICULTURE & ENVIRONMENT
No. 121754
STATE OF TENNESSEE
8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 259+70.00 TO EOP

SCALE: 1" = 50'

STAGE 3
PROPOSED CONTOURS
FINAL STABALIZATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	19C
PLAN-IN-HAND	2025	09S022-S3-005	19C
PS&E	2026	09S022-S3-005	19C

N

135

SOD

STA. 138+00.00
N 643901.9576
E 1240051.6422

LIMIT OF CONST.
STA. 137+22.13

PROP. ROW

PRESENT R.O.W.

S87°06'33"E

ROCHELLE ROAD

PRESENT R.O.W.

PROP. ROW

MATCH LINE STA. 134+88

SEE SHEET NO. 19A

STAGE 3
PROPOSED CONTOURS
FINAL STABALIZATION

SEALED BY

JILL CLAUDINE STANTO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE

Jill Claudine Stanto

9/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

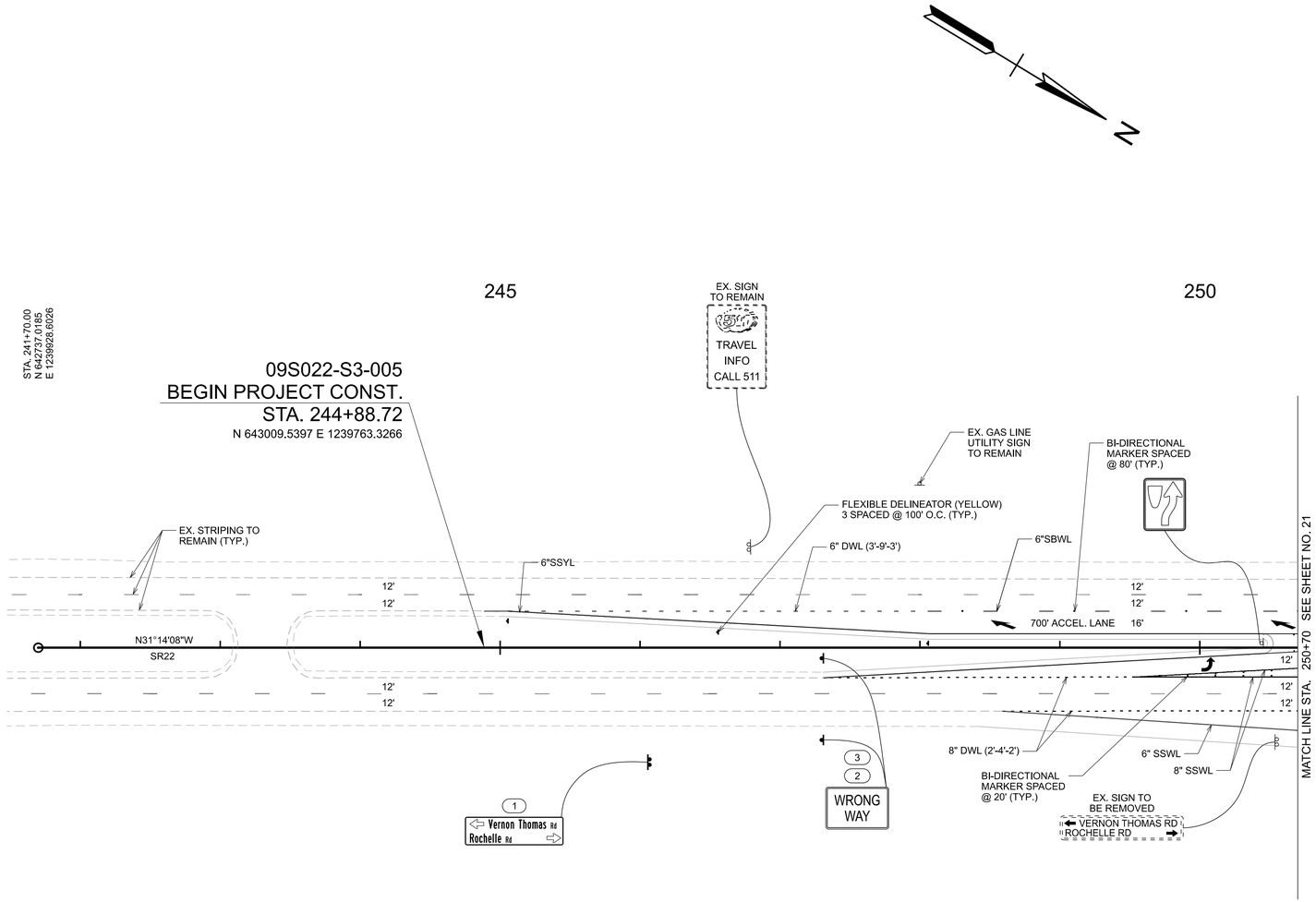
EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 134+88.00 TO EOC

SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	20
PLAN-IN-HAND	2025	09S022-S3-005	20
PS&E	2026	09S022-S3-005	20



SEALED BY

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AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE

Jill Claudine Stanko

8/27/2026

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DEPARTMENT OF TRANSPORTATION

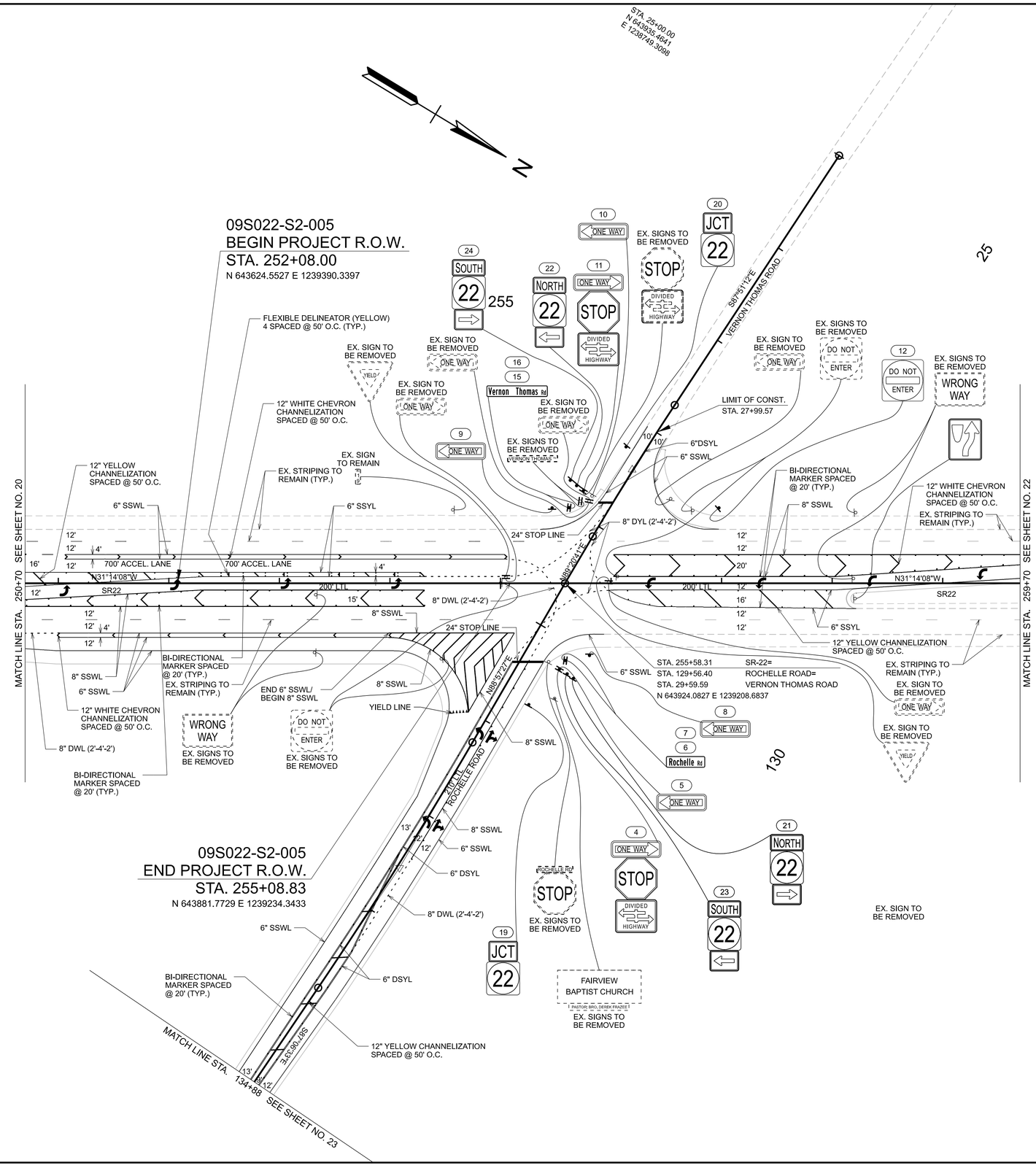
SIGNING AND PAVEMENT MARKING PLAN

BOP TO STA. 250+70.00

SCALE: 1" = 50'

8/20/2026 8:42:08 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TR\TRANSPORTATION\09S022-SHT-SIGN&PAVEMENTMARKING.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	21
PLAN-IN-HAND	2025	09S022-S3-005	21
PS&E	2026	09S022-S3-005	21



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
AGRICULTURE & ENGINEERING
POWERED
No. 121754
STATE OF TENNESSEE

8/27/2026

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DEPARTMENT OF TRANSPORTATION

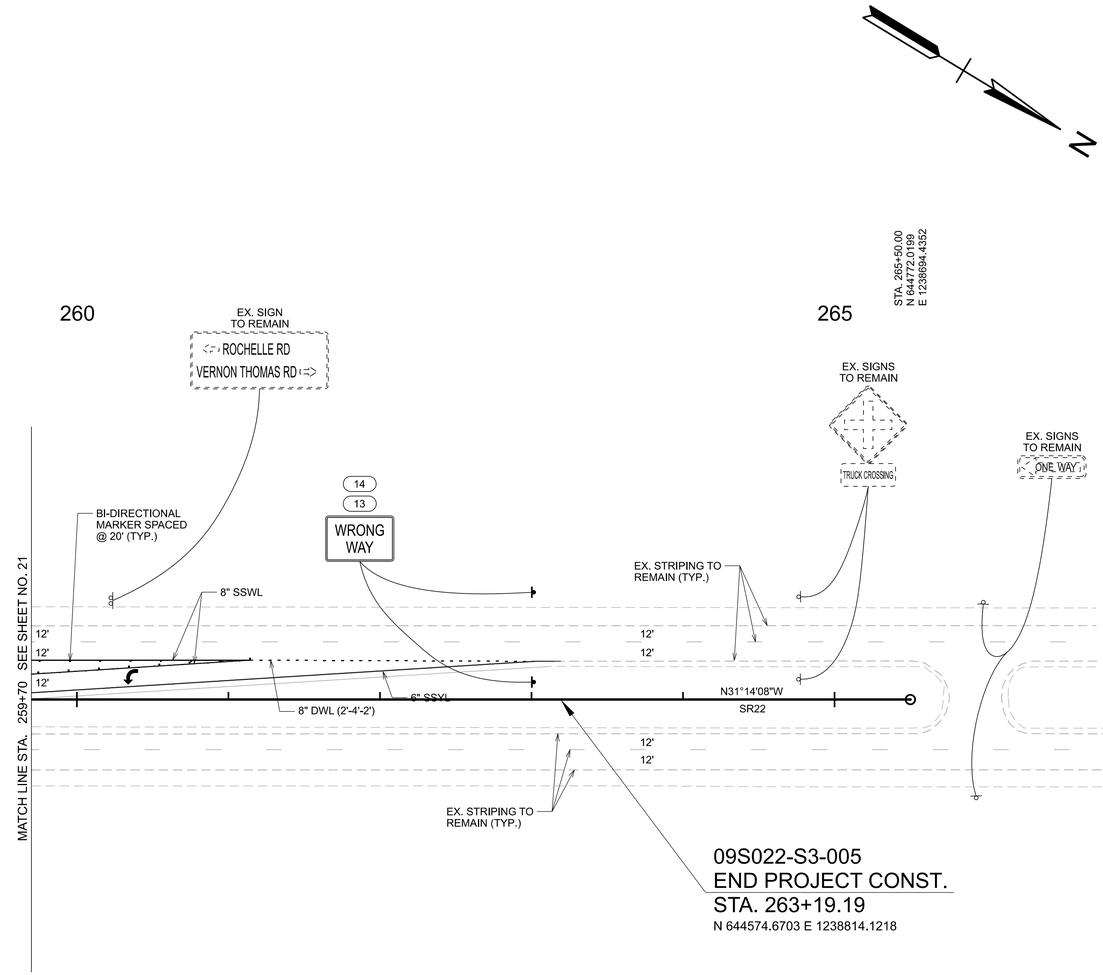
SIGNING AND PAVEMENT MARKING PLAN

STA. 250+70.00 TO STA. 259+70.00

SCALE: 1" = 50'

8/20/2026 8:42:08 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\DOT\0085TR\TRANSPORTATION\09S022-SHT-SIGN&PAVEMENTMARKING.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	22
PLAN-IN-HAND	2025	09S022-S3-005	22
PS&E	2026	09S022-S3-005	22



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
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No. 121754
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 259+70.00 TO EOP
SCALE: 1" = 50'

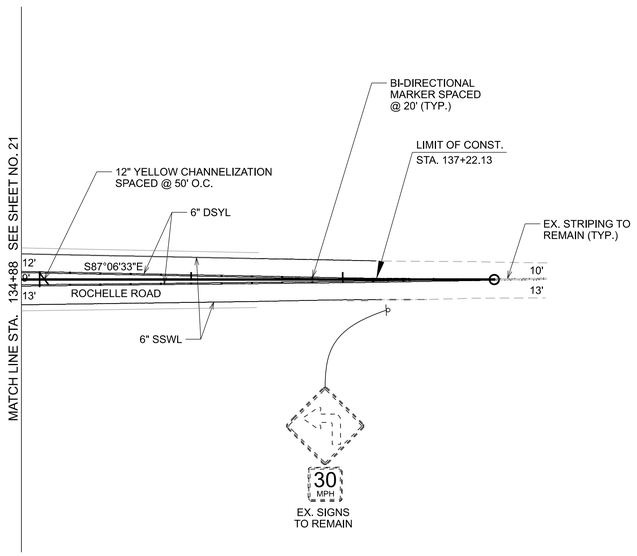
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	23
PLAN-IN-HAND	2025	09S022-S3-005	23
PS&E	2026	09S022-S3-005	23

N

135

STA. 138+00.00
N 643901.9576
E 1240051.6422



SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
Jill Claudine Stanko
AGRICULTURE
ENGINEERING
POWERAGE
No. 121754
STATE OF TENNESSEE
8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 134+88.00 TO EOC
SCALE: 1" = 50'

8/20/2026 8:42:10 AM
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ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

SEE STD. DWG. NO. T-S-19

THE FOLLOWING STANDARD DRAWINGS APPLY UNLESS OTHERWISE NOTED IN THE REMARKS: FLAT SHEET (T-S SERIES 10, 12, 16, 17, 19, 20); EXTRUDED PANEL (T-S SERIES 6, 9, 13, 14); WALL/BARRIER MOUNTED (T-S-21), MULTI-DIRECTIONAL BASE (T-S SERIES 23A, 23B, 23C); RAILROAD (T-S-16)

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
1	⇦ Vernon Thomas Rd Rochelle Rd ⇨	D1-2	20	84"	24"									WHITE	GREEN (REF)	0.100" SHEET ALUMINUM	P5	H1 = 17'-06" H2 = 18'-00" H3 = 18'-06"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A.
2 3 13 14	WRONG WAY	R5-1a	20 22	42"	30"									WHITE (REF)	RED (REF)	0.080" SHEET ALUMINUM	P5	H1 = 16'-03" H2 = 16'-09"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A. SIGNS TO BE INSTALLED WITH POST DELINEATION ENHANCEMENT PAID FOR BY ITEM NUMBER 713-02.21.
4	ONE WAY	R6-1R	21	48"	18"									BLACK	WHITE (REF) BLACK	0.080" SHEET ALUMINUM	P5	H1 = 20'-09" H2 = 21'-03"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A. SIGNS TO BE INSTALLED WITH POST DELINEATION ENHANCEMENT PAID FOR BY ITEM NUMBER 713-02.21.
	STOP	R1-1		36"	36"									WHITE (REF)	RED (REF)	0.080" SHEET ALUMINUM							
11	DIVIDED HIGHWAY	R6-3		30"	24"									BLACK	WHITE (REF) BLACK	0.080" SHEET ALUMINUM							
5 8 9 10	ONE WAY	R6-1L	21	48"	18"									BLACK	WHITE (REF) BLACK	0.080" SHEET ALUMINUM	P8	H1 = 15'-03" H2 = 15'-09"				7'	SIGN #5 TO BE INSTALLED BACK TO BACK WITH SIGN #4. SIGN #10 TO BE INSTALLED BACK TO BACK WITH SIGN #11. SIGNS TO BE INSTALLED WITH POST DELINEATION ENHANCEMENT PAID FOR BY ITEM NUMBER 713-02.21.
6 7	Rochelle Rd	D3-1	21	42"	12"									WHITE	GREEN (REF)	0.080" SHEET ALUMINUM	P8	H1 = 14'-09" H2 = 15'-03"				7'	SIGN #7 TO BE INSTALLED BACK TO BACK WITH SIGN #6.
12	DO NOT ENTER	R5-1	21	36"	36"									WHITE (REF)	WHITE (REF) RED (REF)	0.100" SHEET ALUMINUM	P5	H1 = 16'-09" H2 = 17'-00"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A. SIGNS TO BE INSTALLED WITH POST DELINEATION ENHANCEMENT PAID FOR BY ITEM NUMBER 713-02.21.
15 16	Vernon Thomas Rd	D3-1	21	66"	12"									WHITE	GREEN (REF)	0.080" SHEET ALUMINUM	P8	H1 = 15'-00" H2 = 15'-06"				7'	SIGN #16 TO BE INSTALLED BACK TO BACK WITH SIGN #15.
17 18		R4-7	20 21	24"	30"									BLACK	WHITE	0.080" SHEET ALUMINUM	P2	H = 12'-06"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A.
19	JCT	M2-1	21	21"	15"									BLACK	WHITE	0.080" SHEET ALUMINUM	P3	H = 12'-09"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A.
20	22	M1-5	21	24"	24"									BLACK	WHITE	0.080" SHEET ALUMINUM	P3						
21	NORTH	M3-1	21	24"	12"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5	H = 13-09"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A.
22	22	M1-5	21	24"	24"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5						
	⇨	M6-1	21	21"	15"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5						

TYPE	YEAR	PROJECT NO.	SHEET NO.
PLAN-IN-HAND	2025	09S022-S3-005	24
PS&E	2026	09S022-S3-005	24

U-POST SUBSTITUTION TABLE

BID ITEM 713-11.01	SUBSTITUTION ALLOWED
2#/FT. U1	2#/FT. MUI OR 2#/FT. R1
2.5#/FT. U3	2.5#/FT. MU3 OR 3#/FT. R2*
3#/FT. U6	
4#/FT. U7	NO SUBSTITUTES

* PAID AT A RATE OF 2.5 /FT.

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE SHEET

8/20/2026 8:42:33 AM
$$$$DGNSPECS

ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

SEE STD. DWG. NO. T-S-19

THE FOLLOWING STANDARD DRAWINGS APPLY UNLESS OTHERWISE NOTED IN THE REMARKS: FLAT SHEET (T-S SERIES 10, 12, 16, 17, 19, 20); EXTRUDED PANEL (T-S SERIES 6, 9, 13, 14); WALL/BARRIER MOUNTED (T-S-21), MULTI-DIRECTIONAL BASE (T-S SERIES 23A, 23B, 23C); RAILROAD (T-S-16)

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
22	NORTH	M3-3	21	24"	12"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5						
	22	M1-5	21	24"	24"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5	H = 13-09"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A.
	⇨	M6-1L	21	21"	15"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5						
23	SOUTH	M3-3	21	24"	12"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5						
	22	M1-5	21	24"	24"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5	H = 13-09"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A.
	⇦	M6-1L	21	21"	15"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5						
24	SOUTH	M3-3	21	24"	12"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5						
	22	M1-5	21	24"	24"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5	H = 13-09"				7'	TO BE INSTALLED WITH MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A.
	⇨	M6-1L	21	21"	15"									BLACK	WHITE	0.080" SHEET ALUMINUM	P5						

#

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	09S022-S3-005	25

U-POST SUBSTITUTION TABLE

BID ITEM 713-11.01	SUBSTITUTION ALLOWED
2#/FT. U1	2#/FT. MUI OR 2#/FT. R1
2.5#/FT. U3	2.5#/FT. MU3 OR 3#/FT. R2*
3#/FT. U6	
4#/FT. U7	NO SUBSTITUTES

* PAID AT A RATE OF 2.5 /FT.

SEALED BY

JILL CLAUDINE STANKO REGISTERED ENGINEER AGRICULTURE COMMERCE No. 121754 STATE OF TENNESSEE

Jill Claudine Stanko

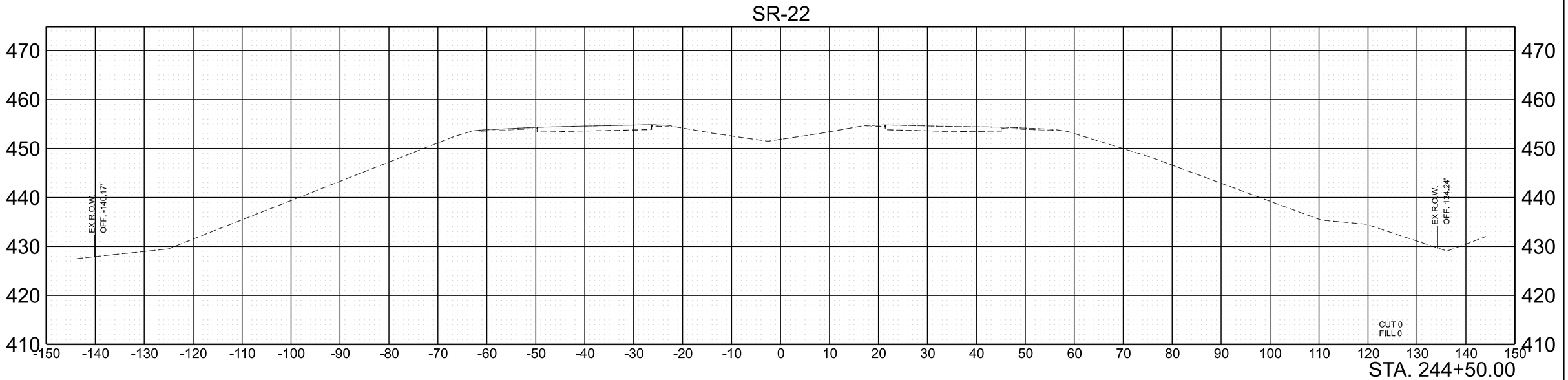
8/27/2026

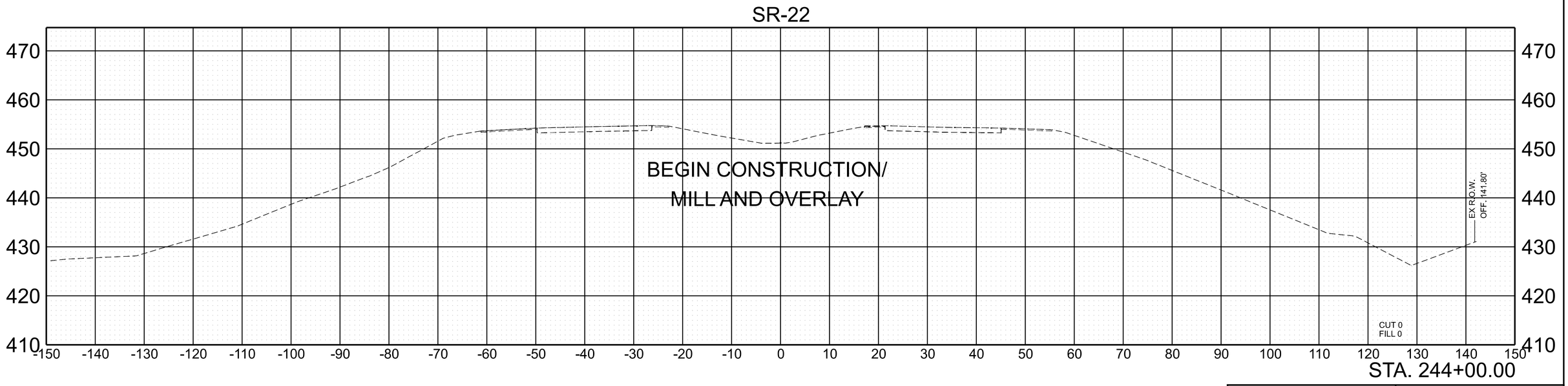
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE SHEET

8/20/2026 8:42:34 AM
SSSDGNSPEC

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	24
PLAN-IN-HAND	2025	09S022-S3-005	25
PS&E	2026	09S022-S3-005	26



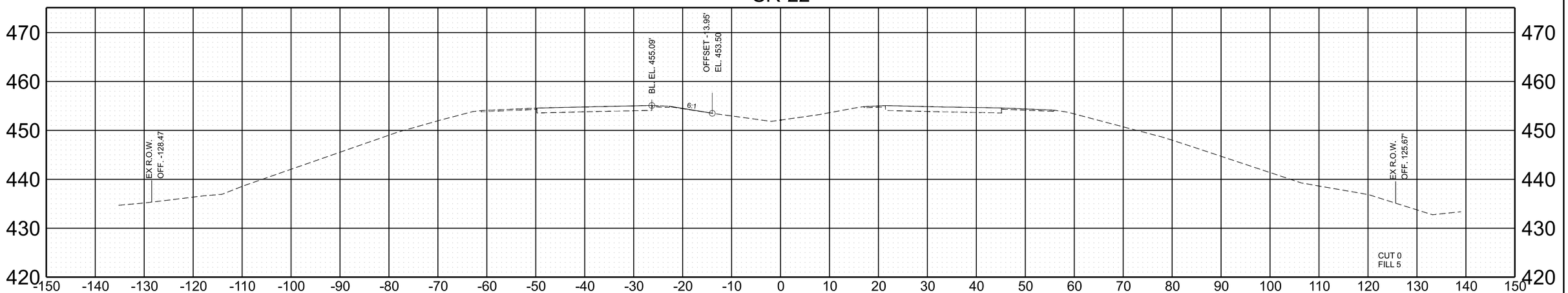


SCALE:	1"=10' HORIZ.	BEGIN STA. 243+50.00
	1"=10' VERT.	END STA. 244+05.93

8/20/2026 8:43:11 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

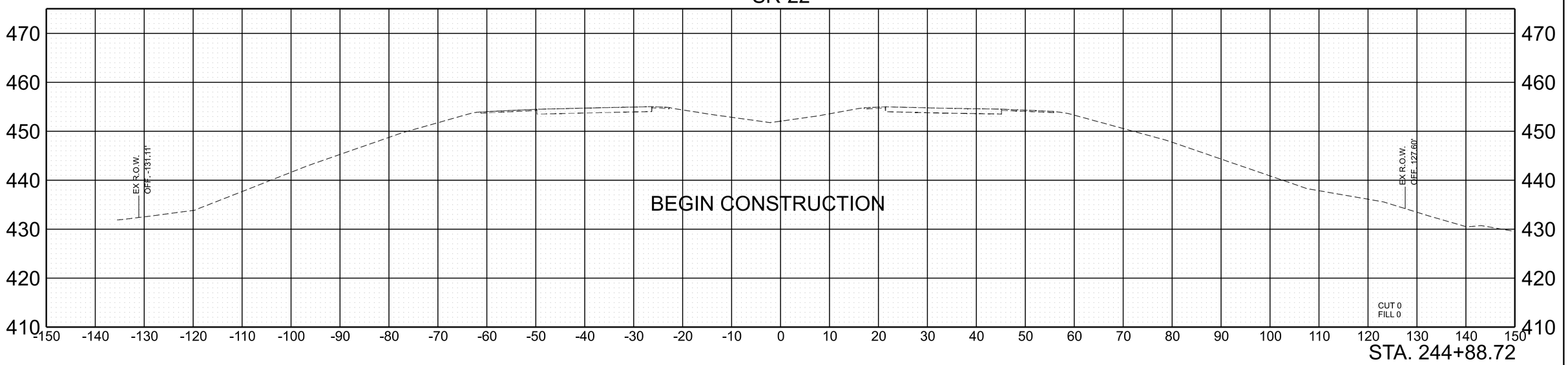
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	25
PLAN-IN-HAND	2025	09S022-S3-005	26
PS&E	2026	09S022-S3-005	27

SR-22



STA. 245+00.00

SR-22

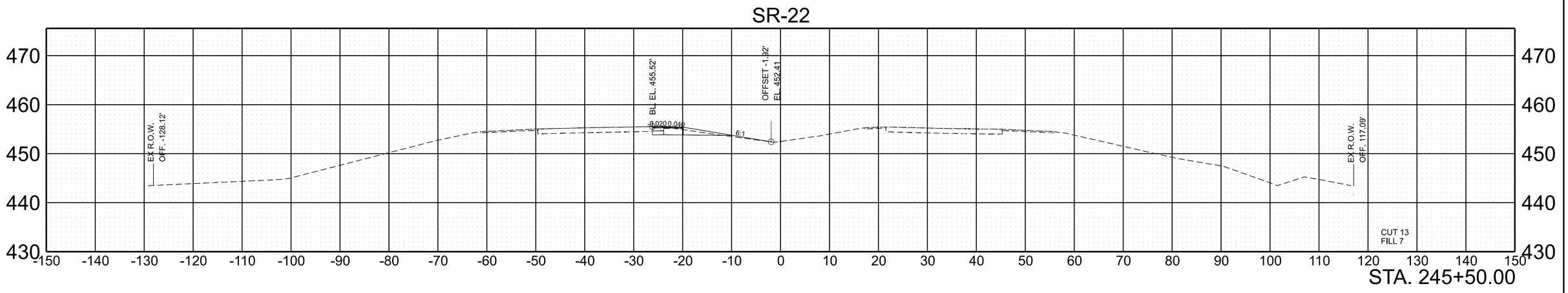


STA. 244+88.72

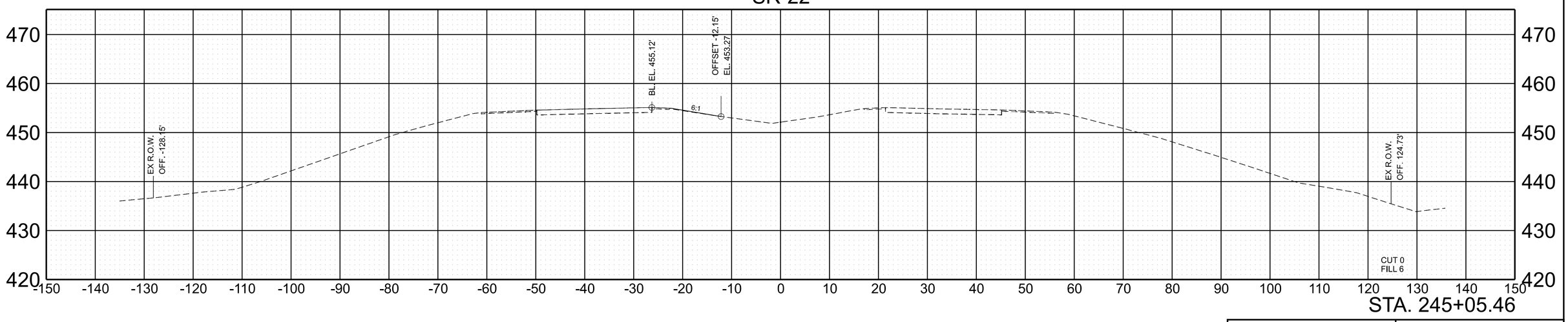
SCALE:		
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	1"=10' VERT.	END STA. 245+00.00

8/20/2026 8:43:12 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	26
PLAN-IN-HAND	2025	09S022-S3-005	27
PS&E	2026	09S022-S3-005	28



STA. 245+50.00

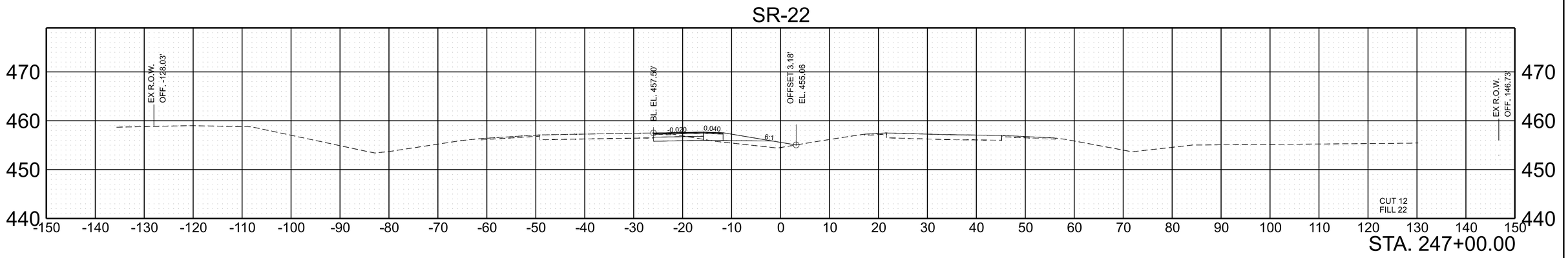


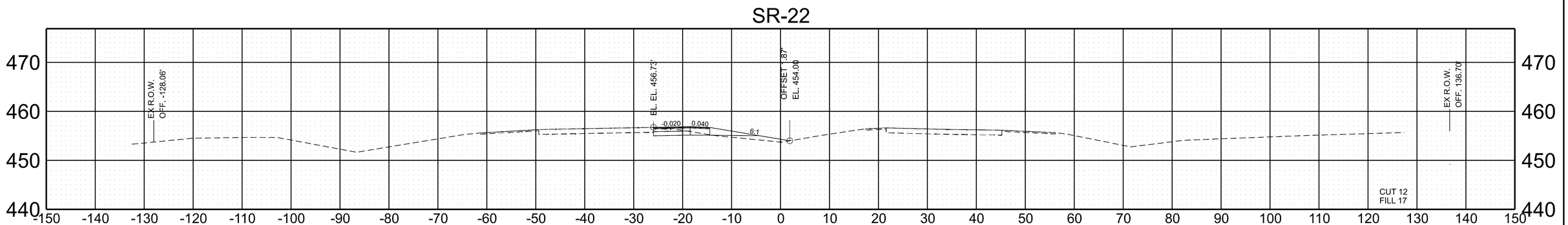
STA. 245+05.46

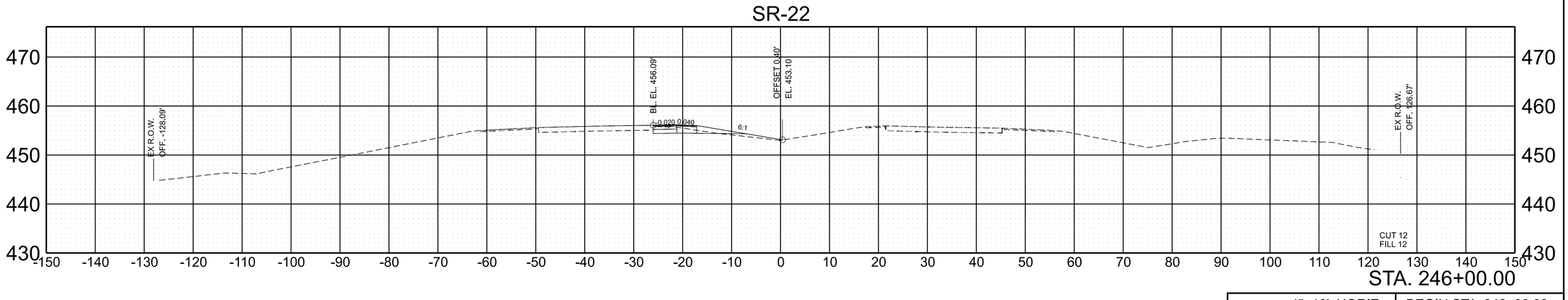
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	1"=10' VERT.	END STA. 245+50.00

8/20/2026 8:43:13 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	27
PLAN-IN-HAND	2025	09S022-S3-005	28
PS&E	2026	09S022-S3-005	29



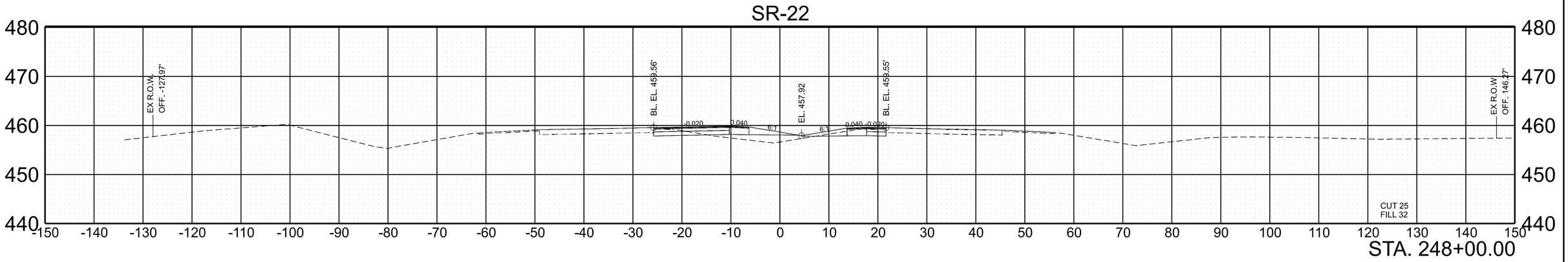


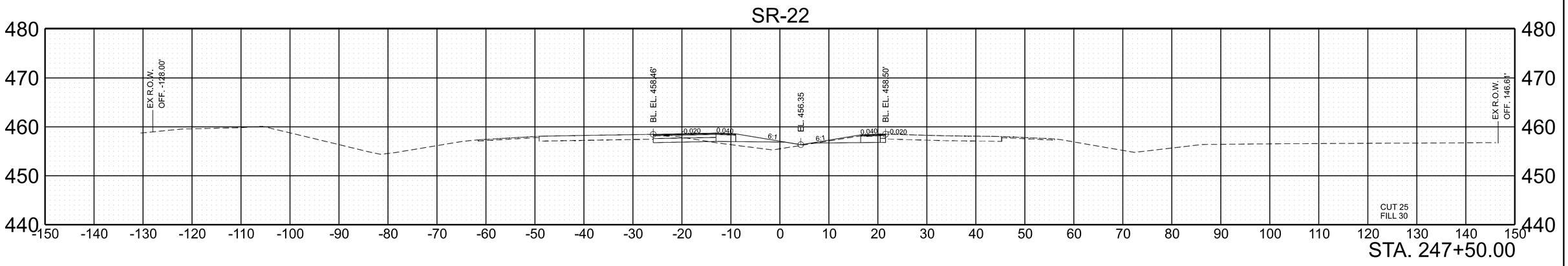


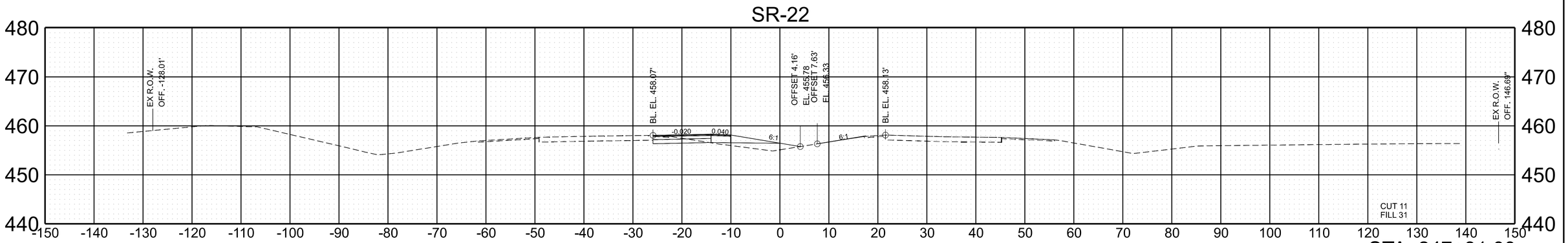
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8/20/2026 8:43:14 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT10085TR\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	28
PLAN-IN-HAND	2025	09S022-S3-005	29
PS&E	2026	09S022-S3-005	30





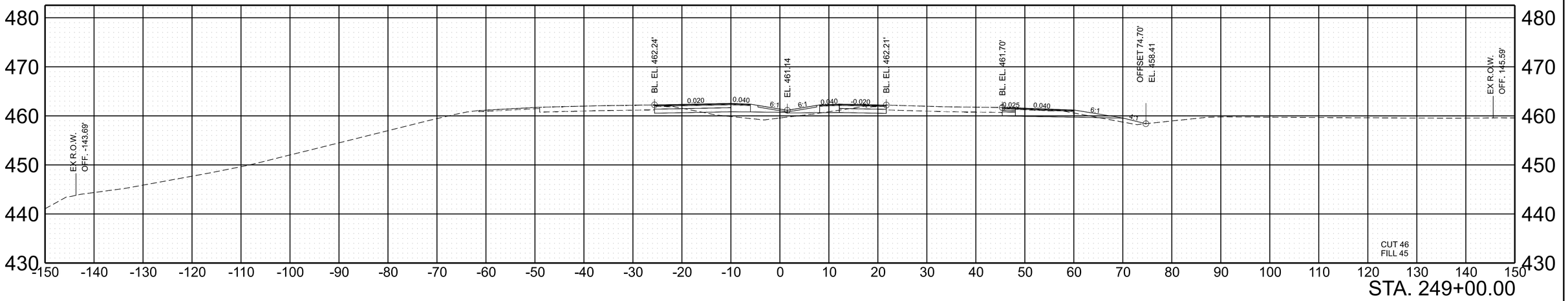


SCALE:	1"=10' HORIZ.	BEGIN STA. 247+31.00
	1"=10' VERT.	END STA. 248+00.00

8/20/2026 8:43:15 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TR\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

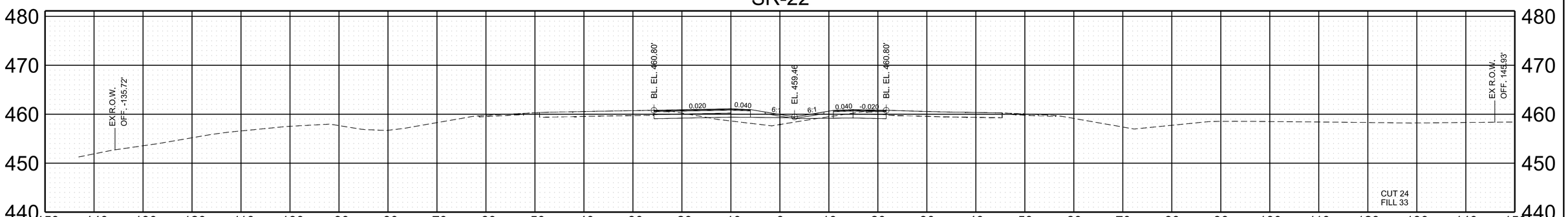
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	29
PLAN-IN-HAND	2025	09S022-S3-005	30
PS&E	2026	09S022-S3-005	31

SR-22



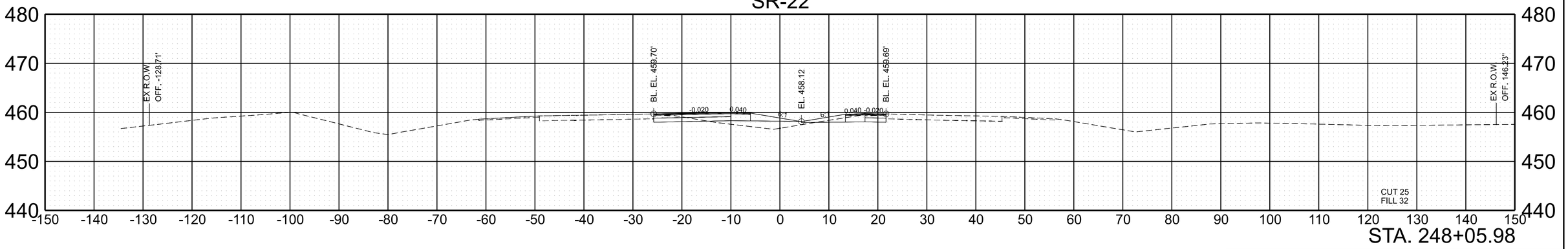
STA. 249+00.00

SR-22



STA. 248+50.00

SR-22

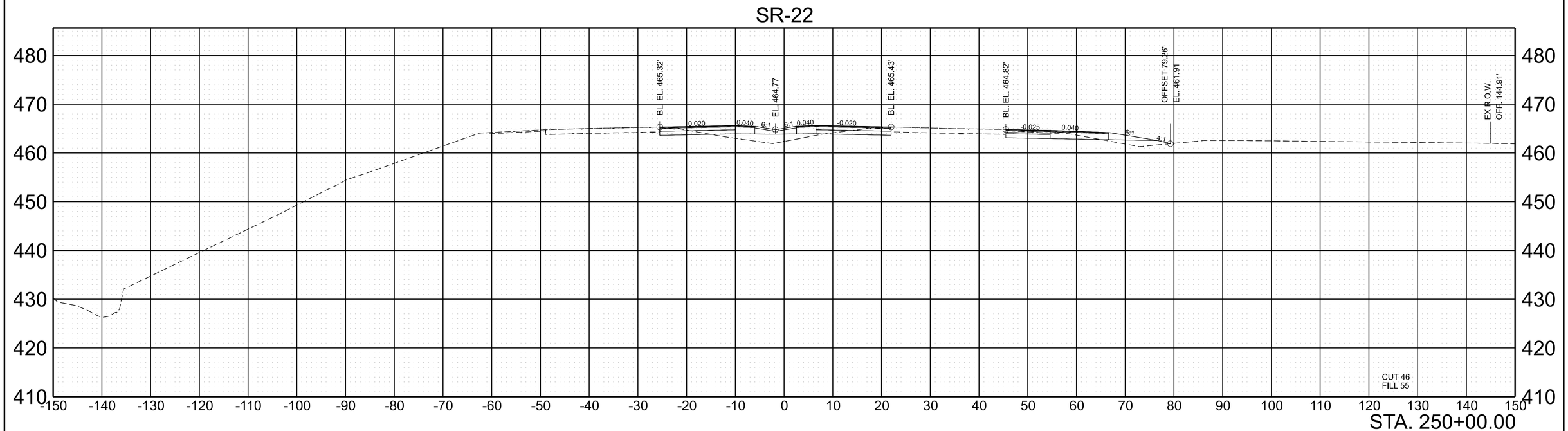


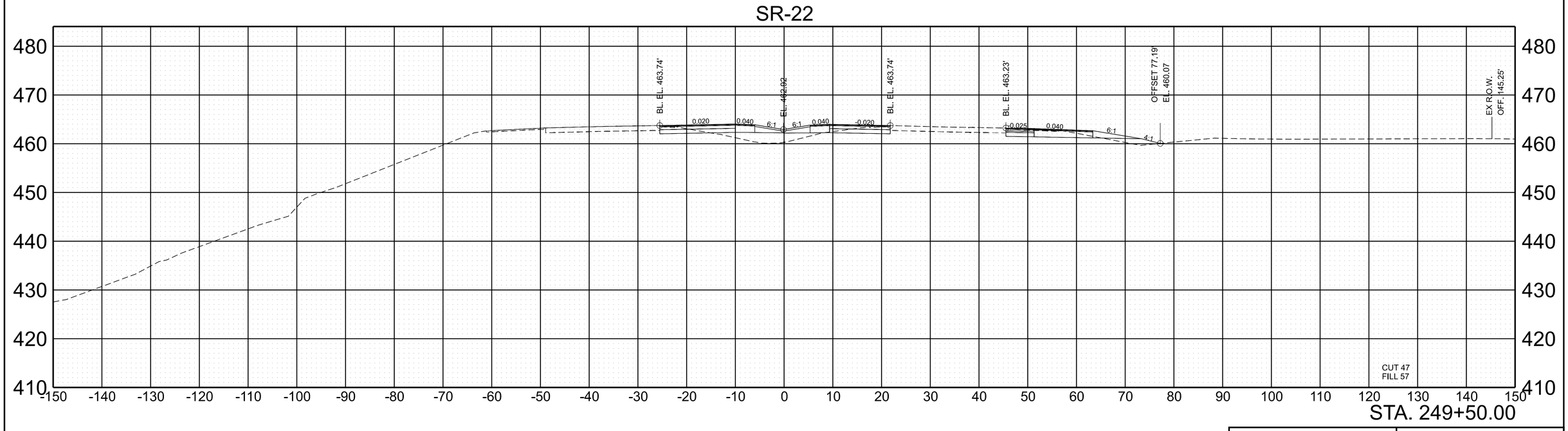
STA. 248+05.98

SCALE:	1"=10' HORIZ.	BEGIN STA. 248+05.98
	1"=10' VERT.	END STA. 249+00.00

8/20/2026 8:43:17 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TR\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	30
PLAN-IN-HAND	2025	09S022-S3-005	31
PS&E	2026	09S022-S3-005	32

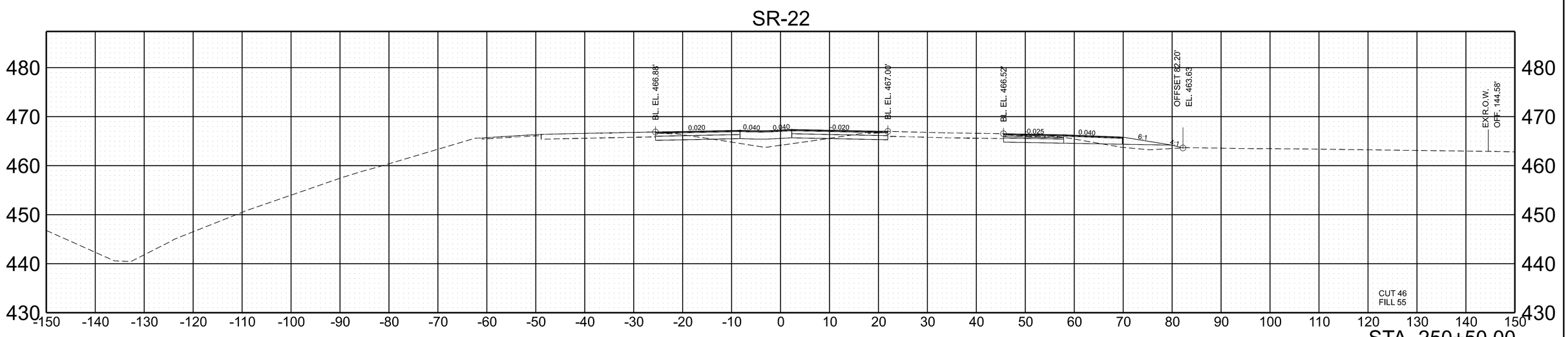


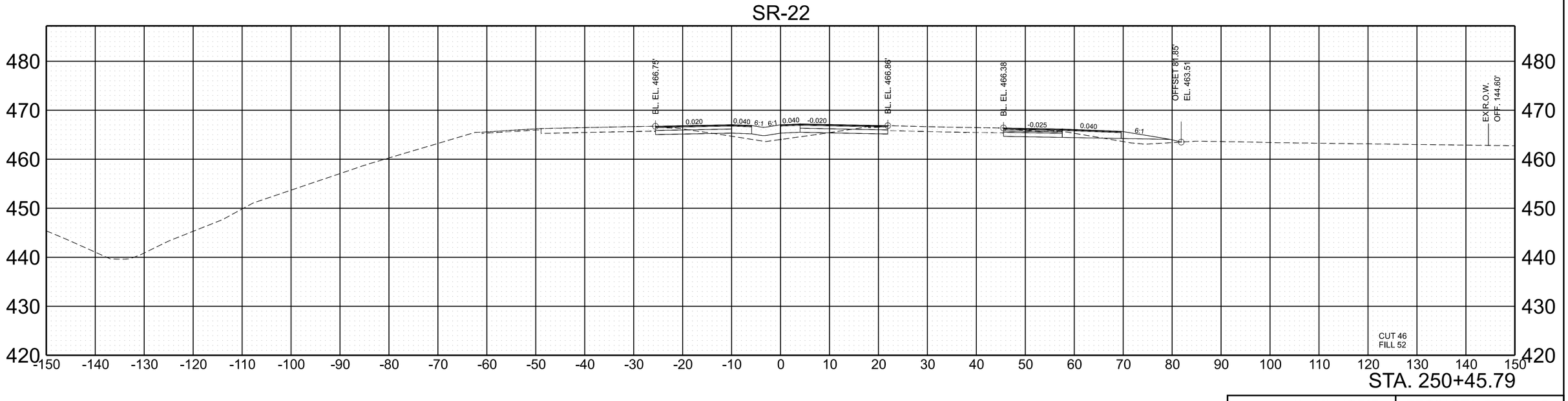


SCALE:	1"=10' HORIZ.	BEGIN STA. 249+50.00
	1"=10' VERT.	END STA. 250+00.00

8/20/2026 8:43:18 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\00085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	31
PLAN-IN-HAND	2025	09S022-S3-005	32
PS&E	2026	09S022-S3-005	33

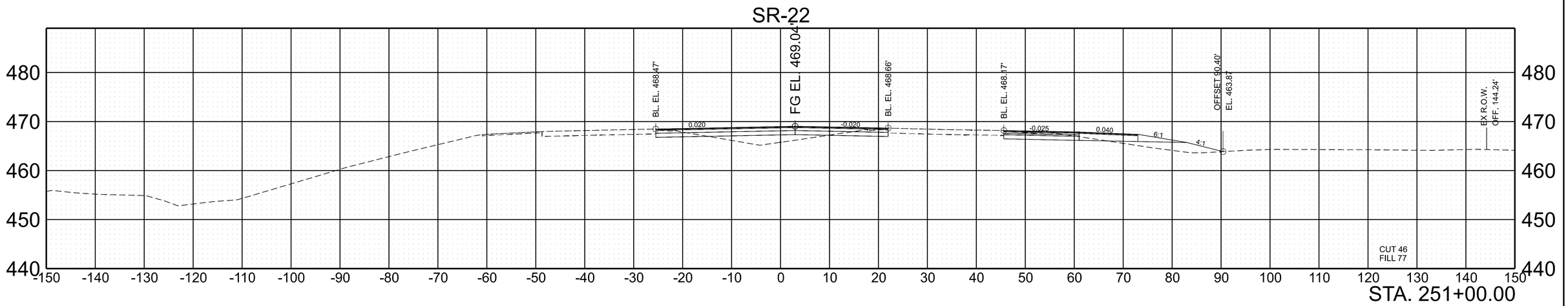


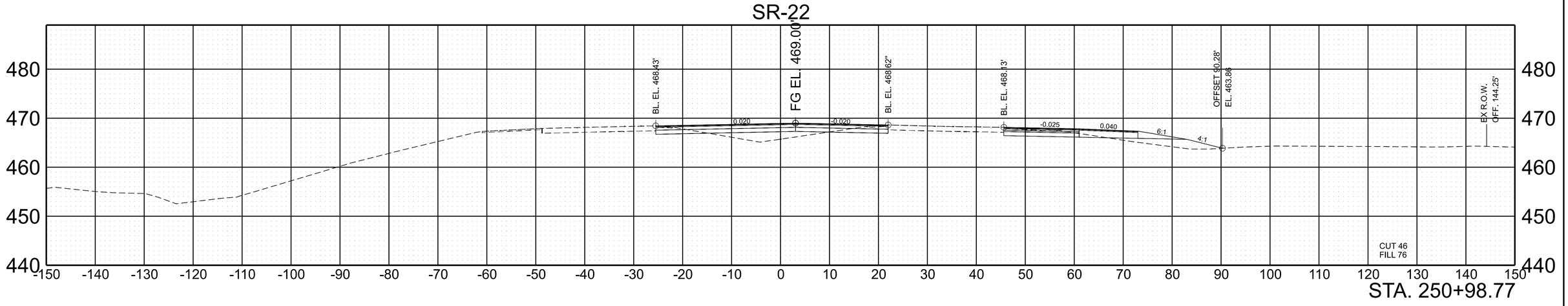


SCALE:		
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	1"=10' VERT.	END STA. 250+50.00

8/20/2026 8:43:19 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\00857R\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	32
PLAN-IN-HAND	2025	09S022-S3-005	33
PS&E	2026	09S022-S3-005	34

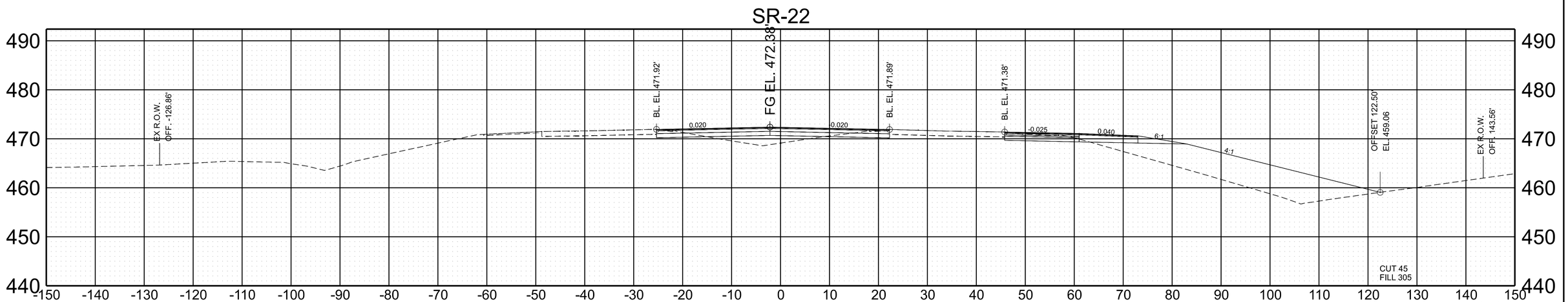


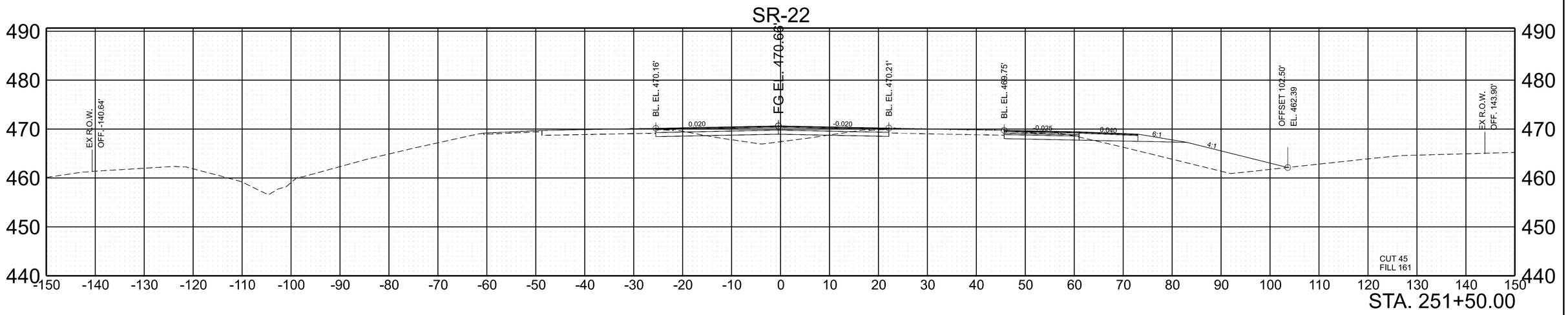


SCALE:		
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	1"=10' VERT.	END STA. 251+00.00

8/20/2026 8:43:19 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	33
PLAN-IN-HAND	2025	09S022-S3-005	34
PS&E	2026	09S022-S3-005	35

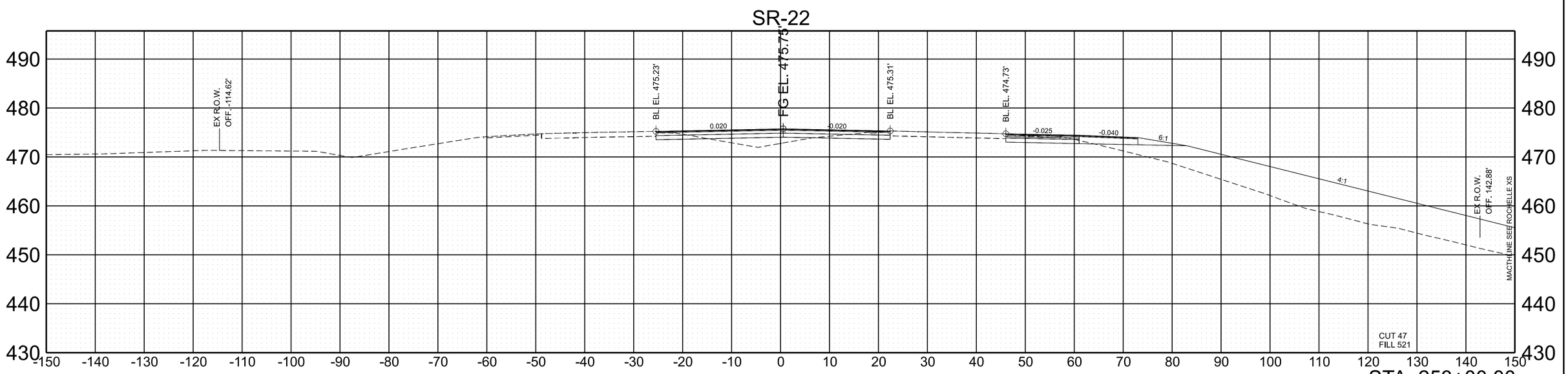


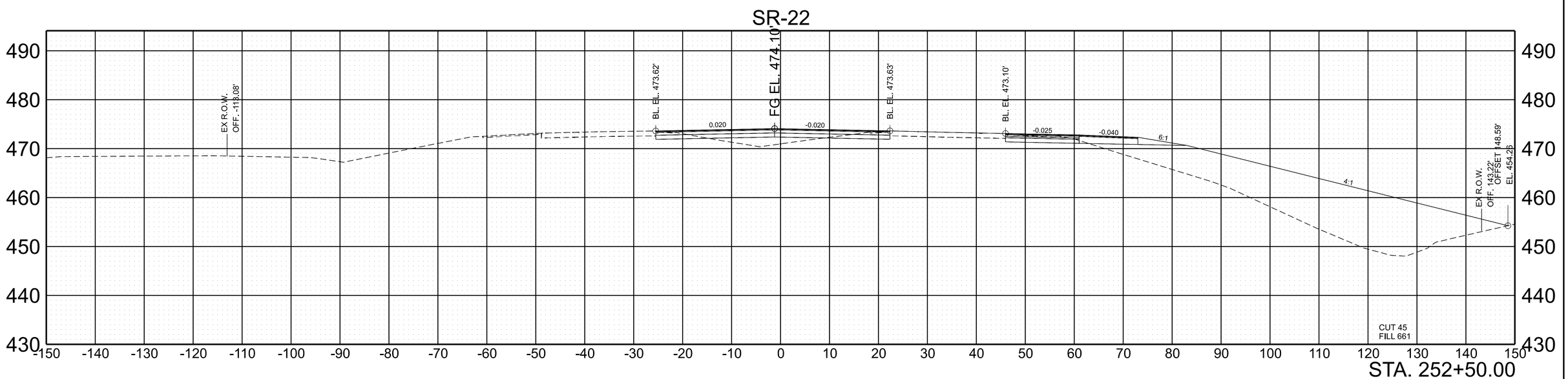


SCALE:	1"=10' HORIZ.	BEGIN STA. 251+50.00
	1"=10' VERT.	END STA. 252+00.00

8/20/2026 8:43:20 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\00085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	34
PLAN-IN-HAND	2025	09S022-S3-005	35
PS&E	2026	09S022-S3-005	36

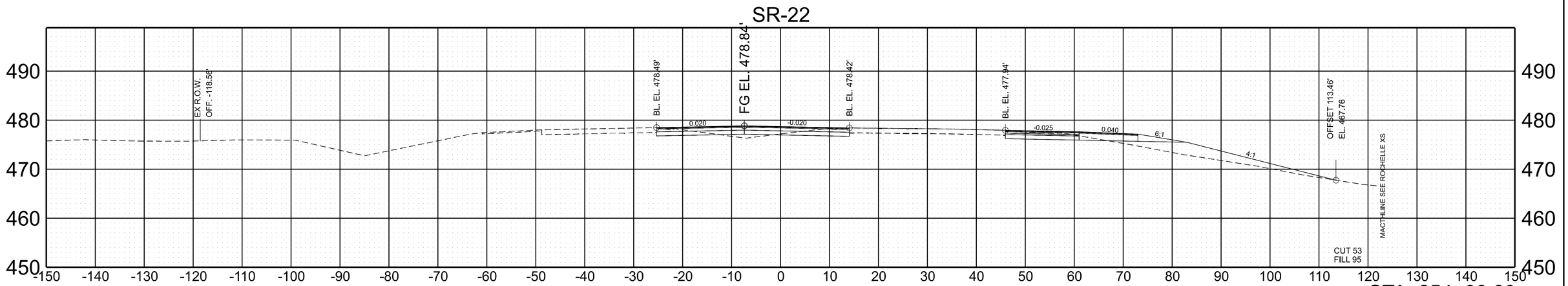


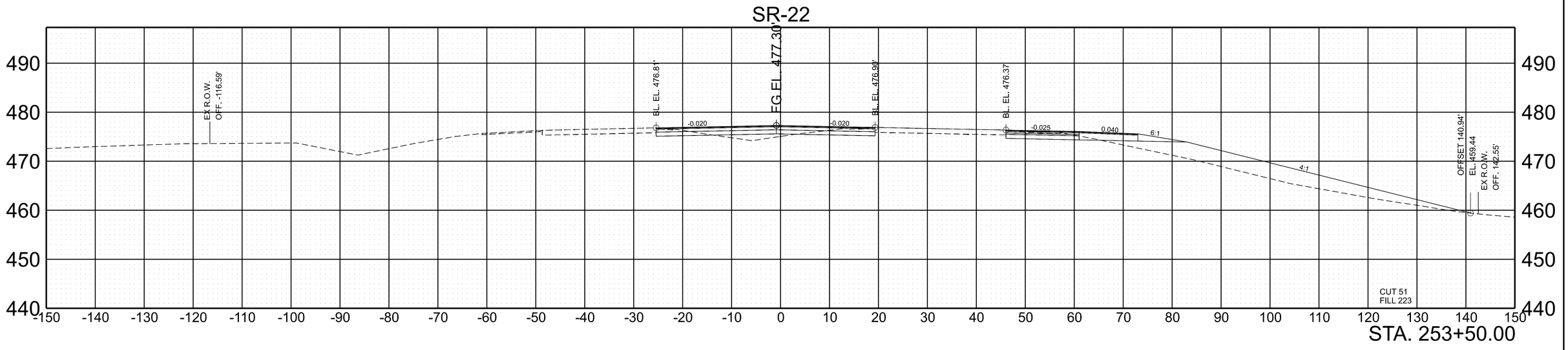


SCALE:	1"=10' HORIZ.	BEGIN STA. 252+50.00
	1"=10' VERT.	END STA. 253+00.00

8/20/2026 8:43:22 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	35
PLAN-IN-HAND	2025	09S022-S3-005	36
PS&E	2026	09S022-S3-005	37

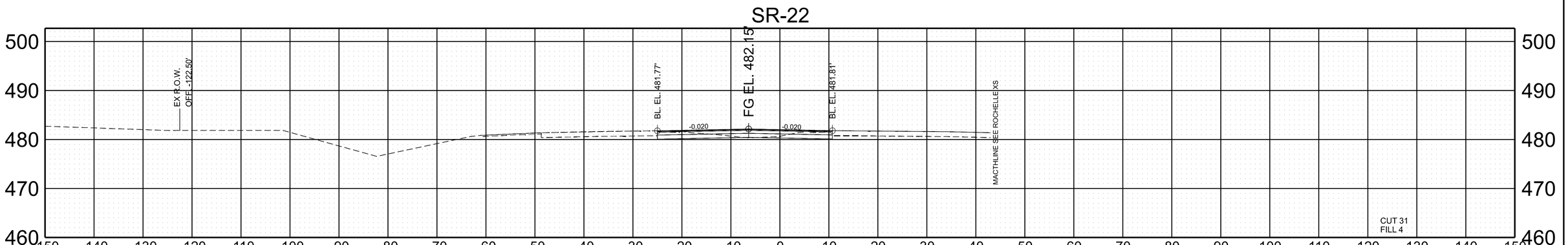


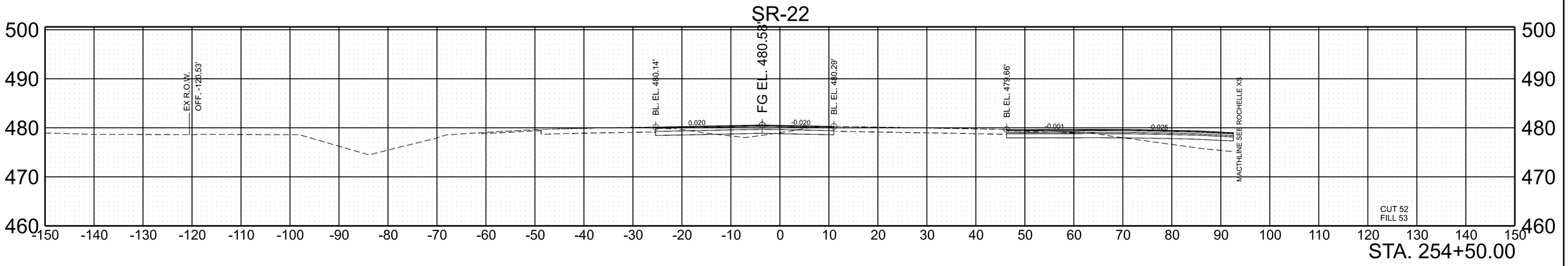


SCALE:		
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8/20/2026 8:43:23 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	36
PLAN-IN-HAND	2025	09S022-S3-005	37
PS&E	2026	09S022-S3-005	38

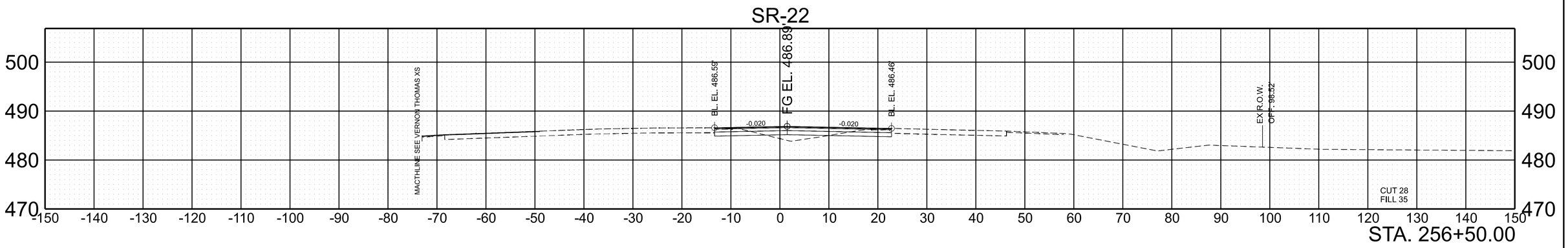


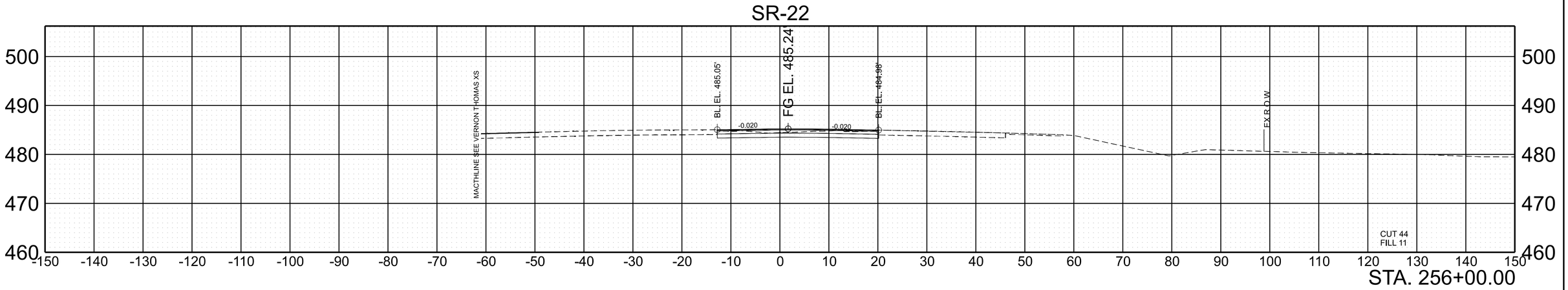


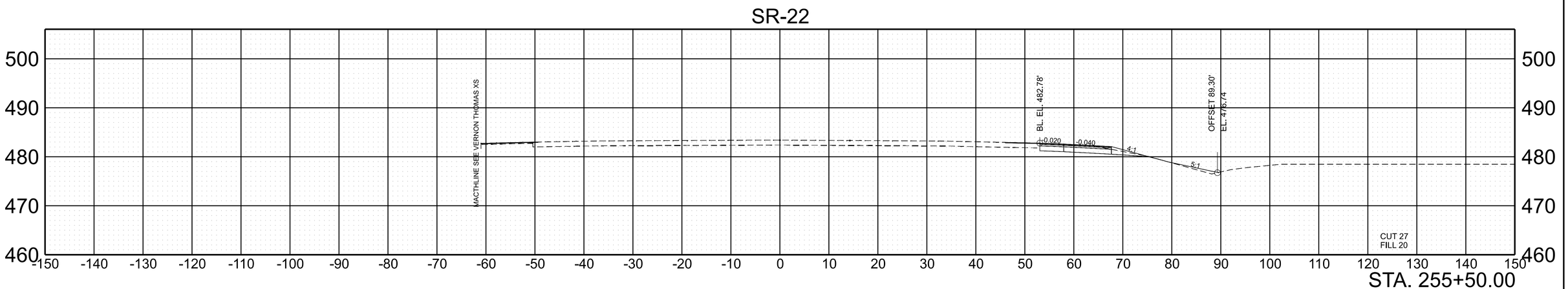
SCALE:	1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 254+50.00 END STA. 255+00.00

8/20/2026 8:43:25 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	37
PLAN-IN-HAND	2025	09S022-S3-005	38
PS&E	2026	09S022-S3-005	39





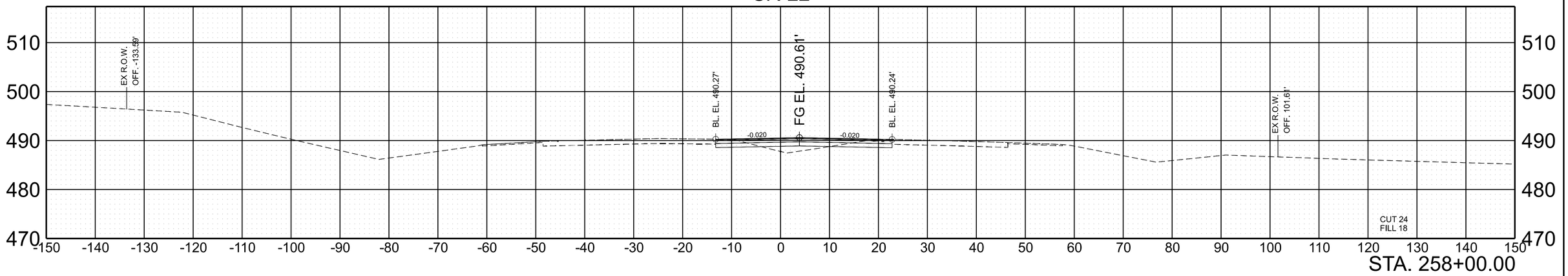


SCALE:	1"=10' HORIZ.	BEGIN STA. 255+50.00
	1"=10' VERT.	END STA. 256+50.00

8/20/2026 8:43:27 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

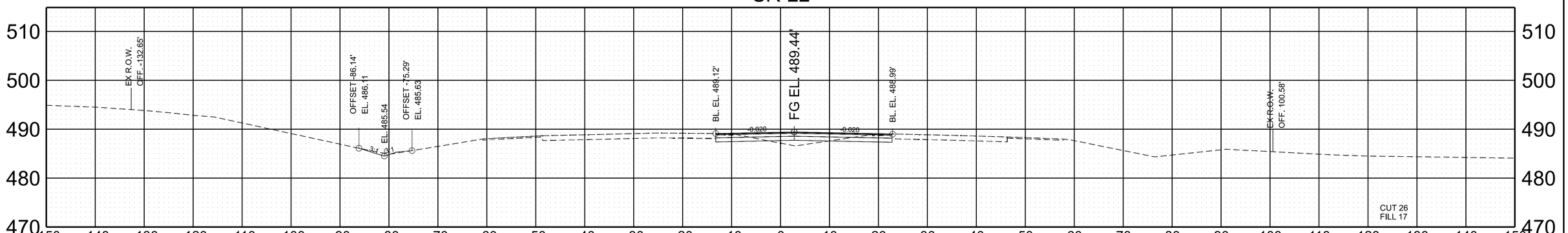
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	38
PLAN-IN-HAND	2025	09S022-S3-005	39
PS&E	2026	09S022-S3-005	40

SR-22



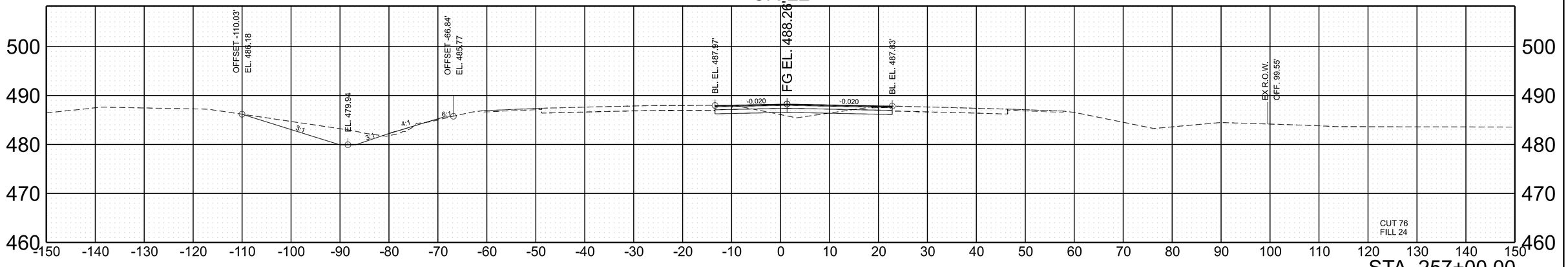
STA. 258+00.00

SR-22



STA. 257+50.00

SR-22



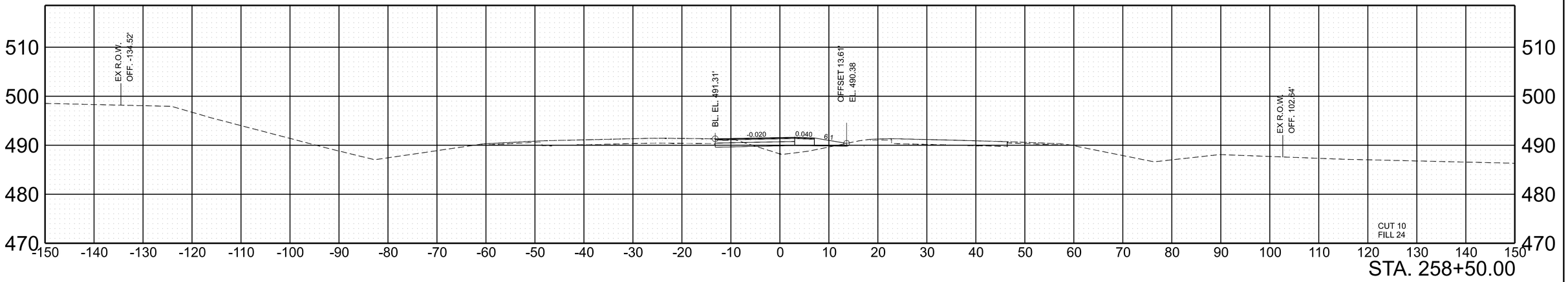
STA. 257+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 257+00.00
	1"=10' VERT.	END STA. 258+00.00

8/20/2026 8:43:28 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TR\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

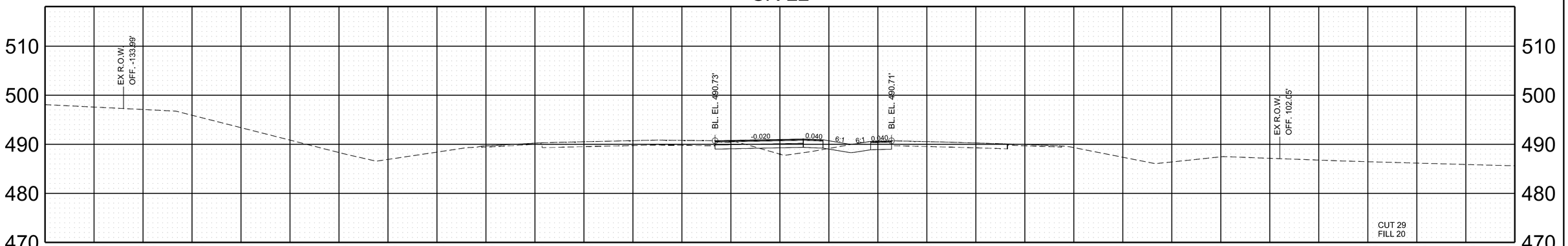
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	39
PLAN-IN-HAND	2025	09S022-S3-005	40
PS&E	2026	09S022-S3-005	41

SR-22



STA. 258+50.00

SR-22



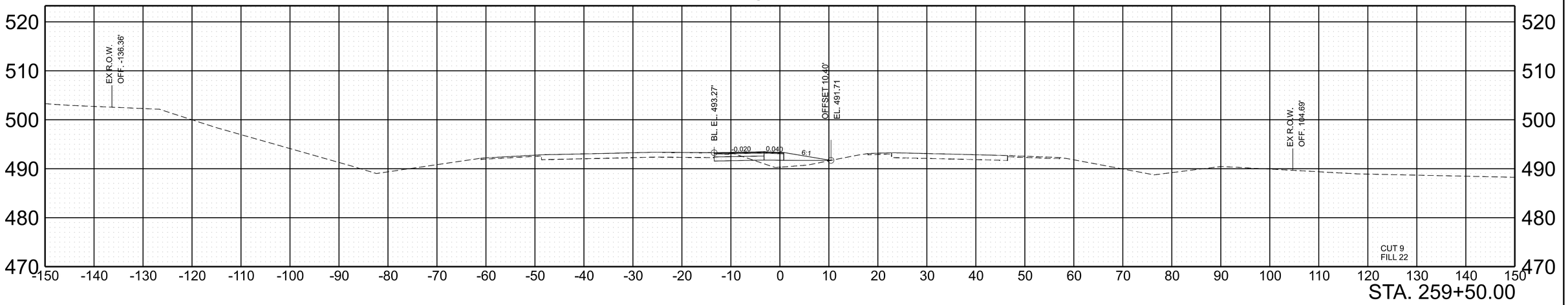
STA. 258+21.57

SCALE:	1"=10' HORIZ.	BEGIN STA. 258+21.57
	1"=10' VERT.	END STA. 258+50.00

8/20/2026 8:43:29 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

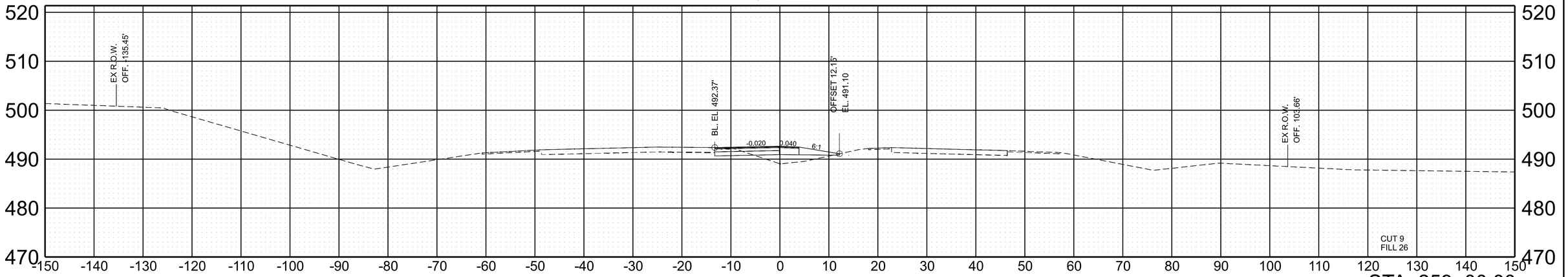
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	40
PLAN-IN-HAND	2025	09S022-S3-005	41
PS&E	2026	09S022-S3-005	42

SR-22



STA. 259+50.00

SR-22

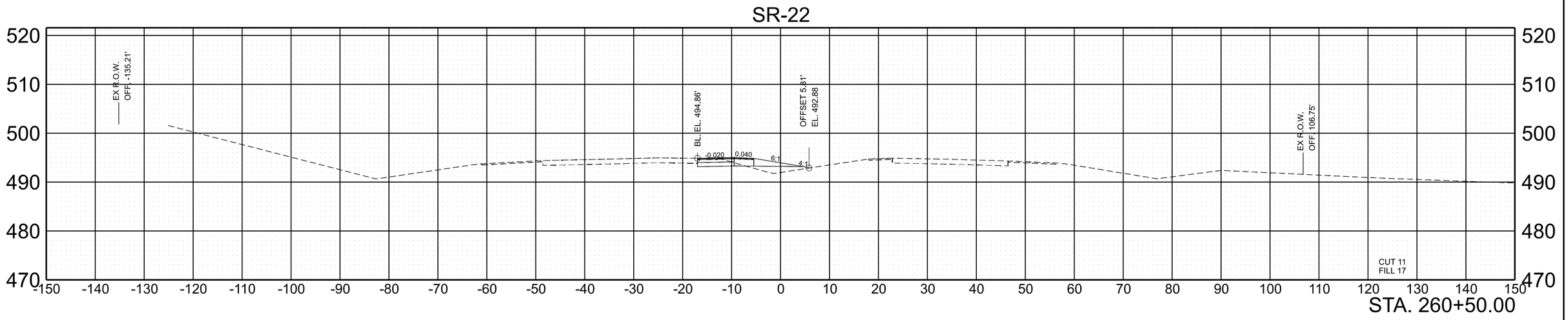


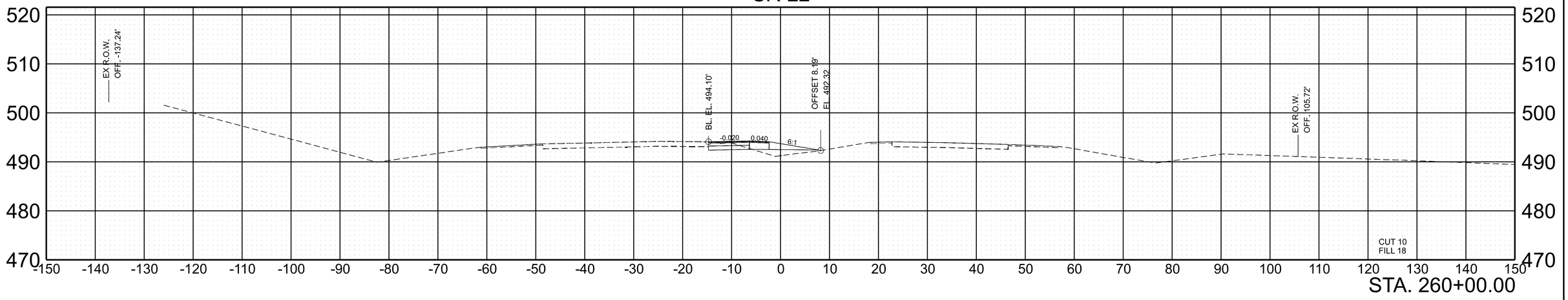
STA. 259+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 259+00.00
	1"=10' VERT.	END STA. 259+50.00

8/20/2026 8:43:30 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	41
PLAN-IN-HAND	2025	09S022-S3-005	42
PS&E	2026	09S022-S3-005	43

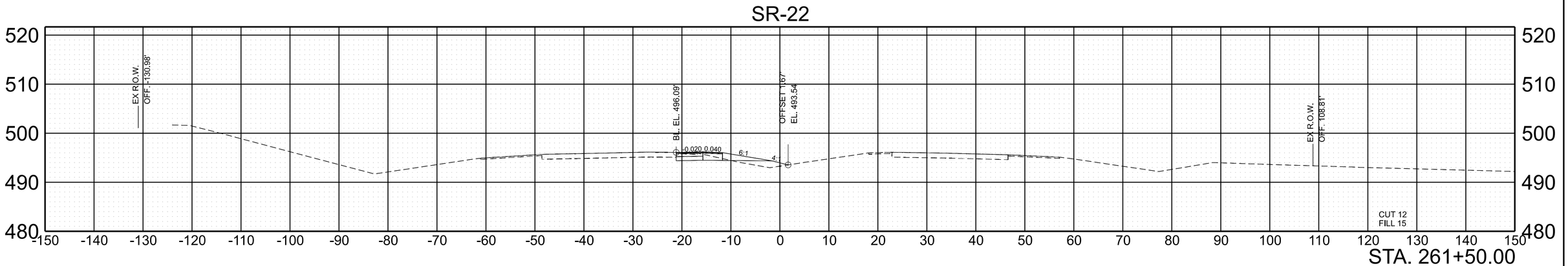


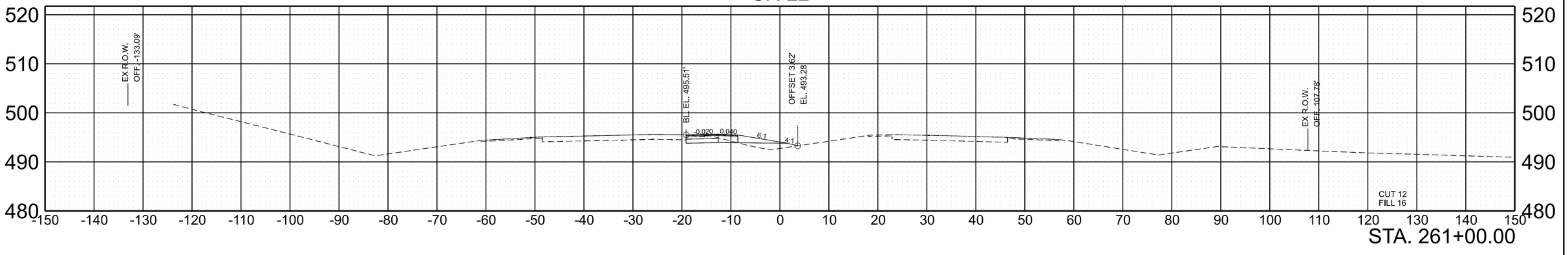


SCALE:	1"=10' HORIZ.	BEGIN STA. 260+00.00
	1"=10' VERT.	END STA. 260+50.00

8/20/2026 8:43:31 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	42
PLAN-IN-HAND	2025	09S022-S3-005	43
PS&E	2026	09S022-S3-005	44

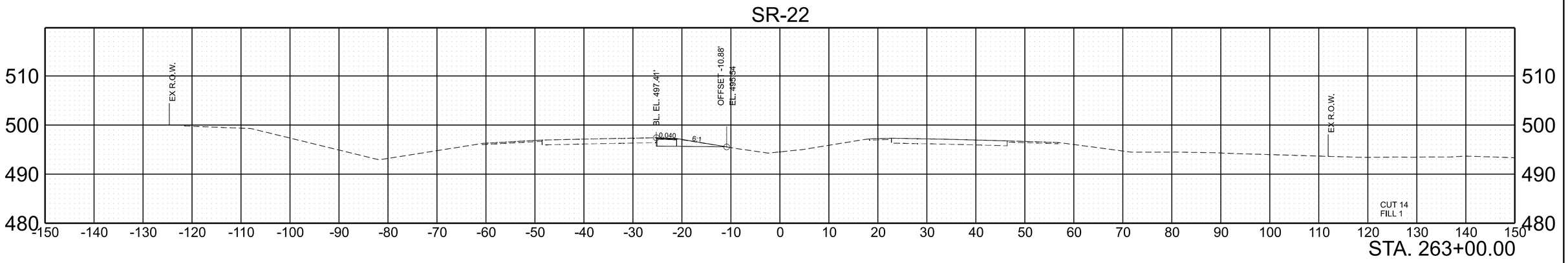


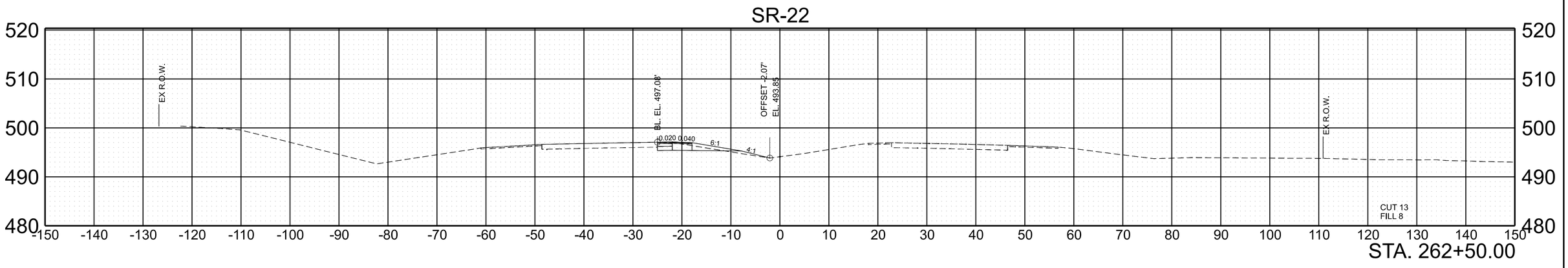


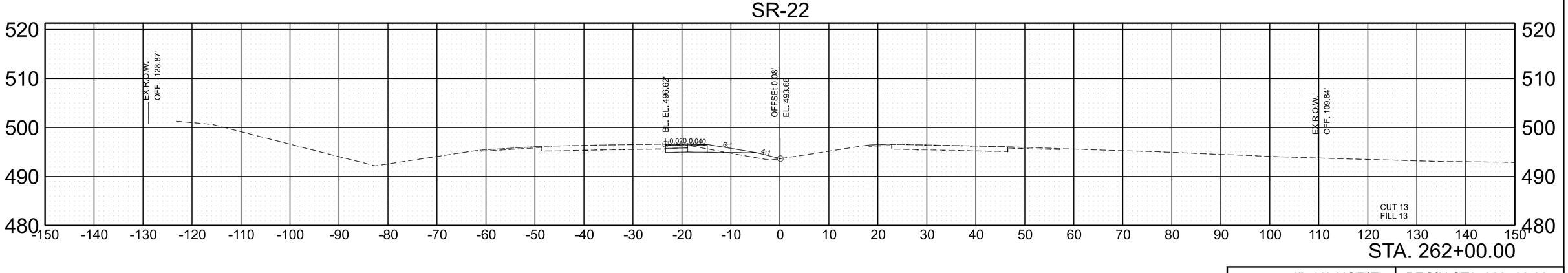
SCALE:	1"=10' HORIZ.	BEGIN STA. 261+00.00
	1"=10' VERT.	END STA. 261+50.00

8/20/2026 8:43:32 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS_SR-22.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	43
PLAN-IN-HAND	2025	09S022-S3-005	44
PS&E	2026	09S022-S3-005	45





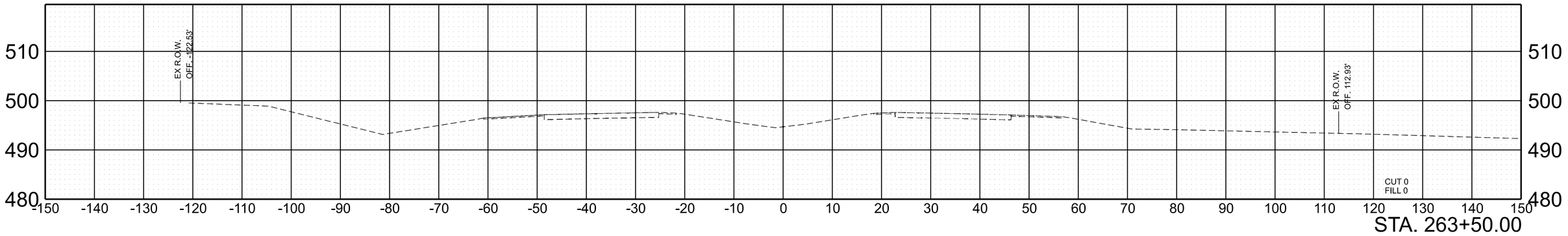


SCALE:	1"=10' HORIZ.	BEGIN STA. 262+00.00
	1"=10' VERT.	END STA. 263+00.00

8/20/2026 8:43:33 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

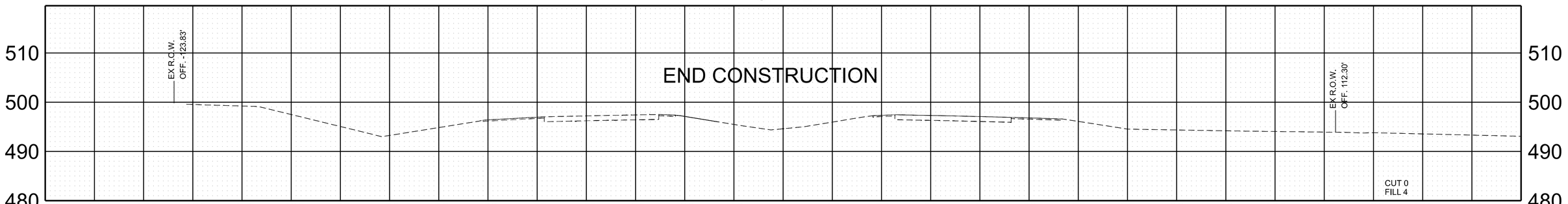
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	44
PLAN-IN-HAND	2025	09S022-S3-005	45
PS&E	2026	09S022-S3-005	46

SR-22



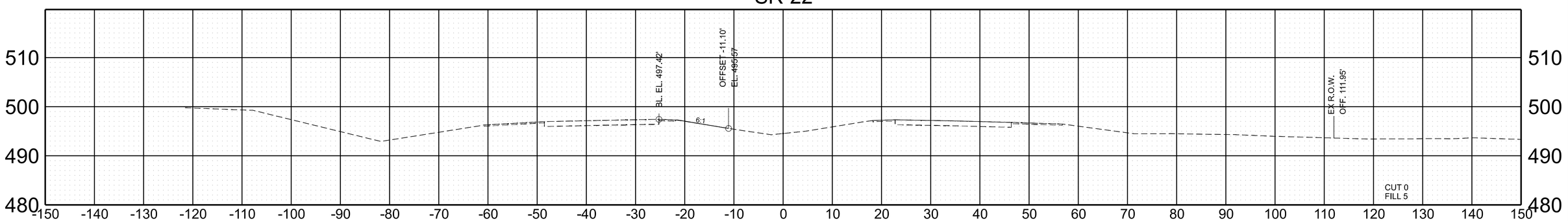
STA. 263+50.00

SR-22



STA. 263+19.19

SR-22



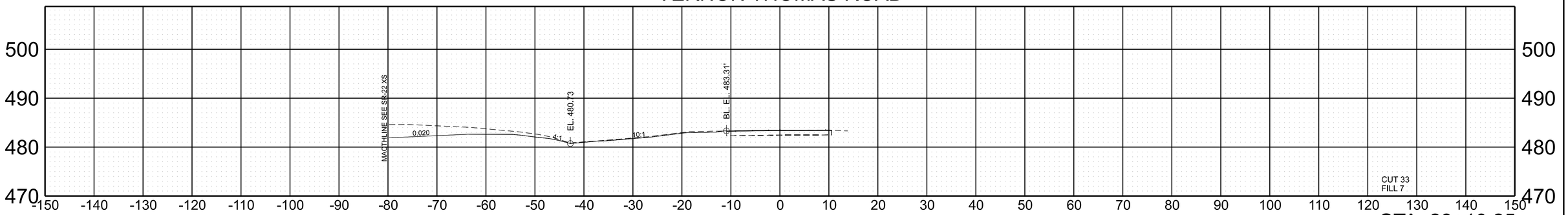
STA. 263+02.42

SCALE:	1"=10' HORIZ.	BEGIN STA. 263+02.42
	1"=10' VERT.	END STA. 264+00.00

8/20/2026 8:43:34 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-XS_SR-22.DGN

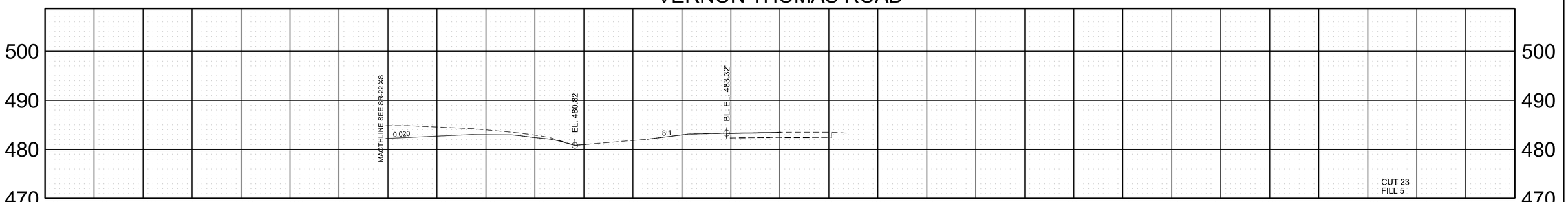
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	46
PLAN-IN-HAND	2025	09S022-S3-005	46
PS&E	2026	09S022-S3-005	47

VERNON THOMAS ROAD



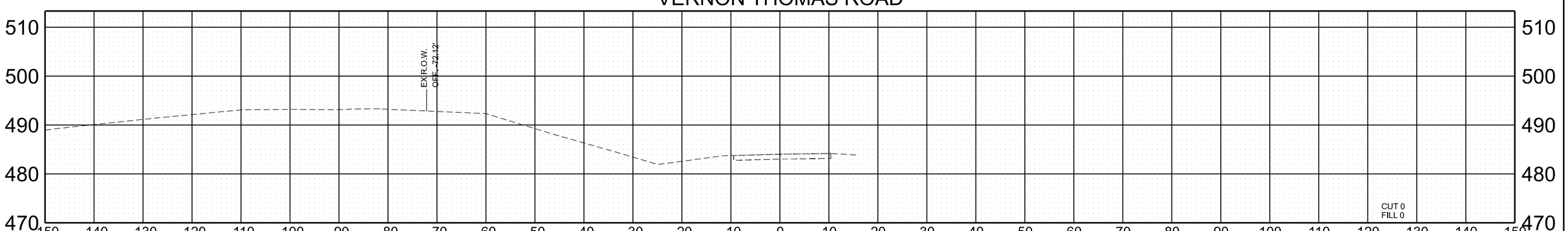
STA. 28+10.25

VERNON THOMAS ROAD



STA. 27+99.57

VERNON THOMAS ROAD



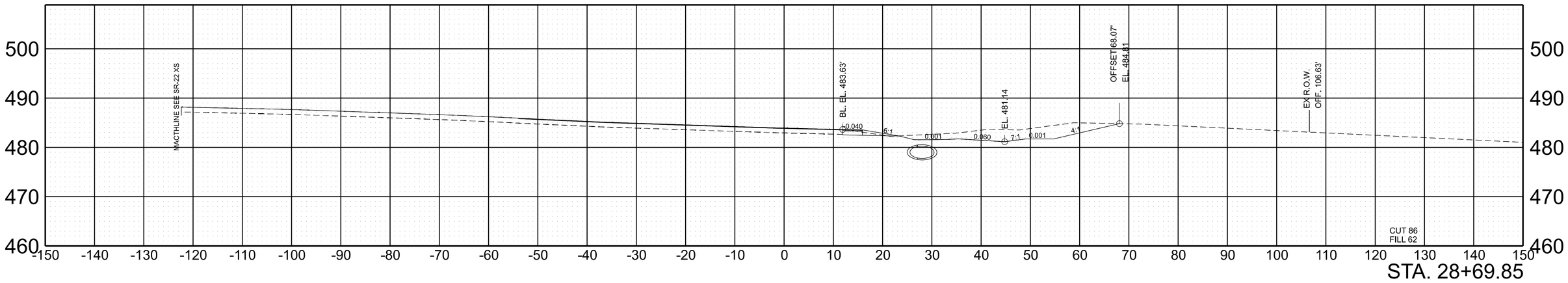
STA. 27+51.07

SCALE:	1"=10' HORIZ.	BEGIN STA. 27+51.07
	1"=10' VERT.	END STA. 28+00.67

8/20/2026 8:43:58 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS-VERNON THOMAS ROAD.DGN

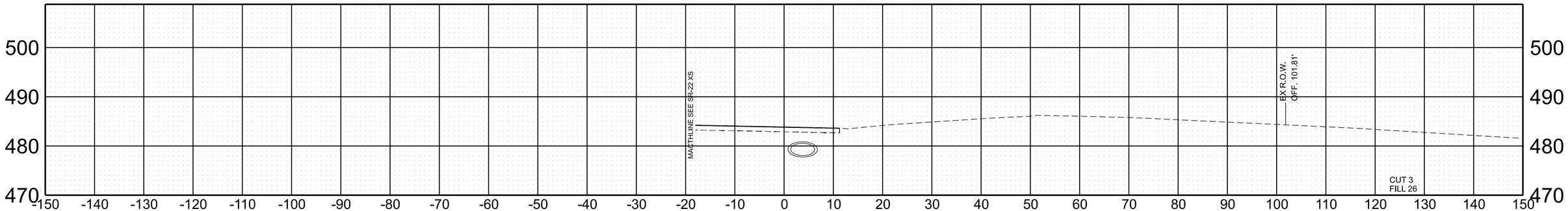
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	47
PLAN-IN-HAND	2025	09S022-S3-005	47
PS&E	2026	09S022-S3-005	48

VERNON THOMAS ROAD



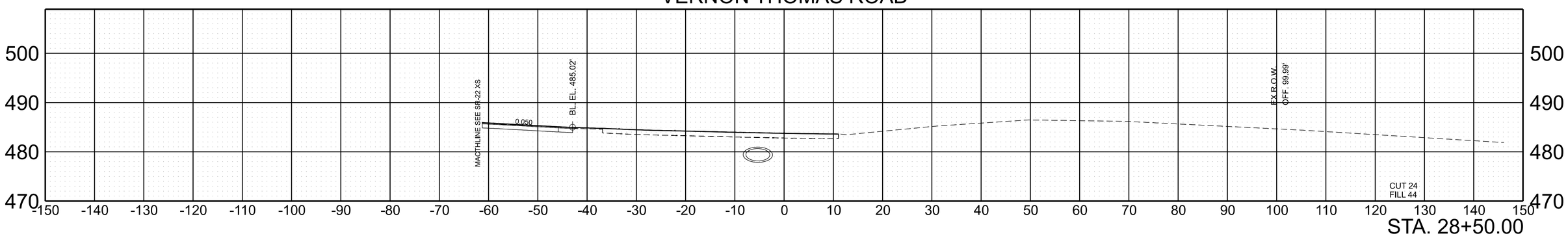
STA. 28+69.85

VERNON THOMAS ROAD



STA. 28+55.47

VERNON THOMAS ROAD



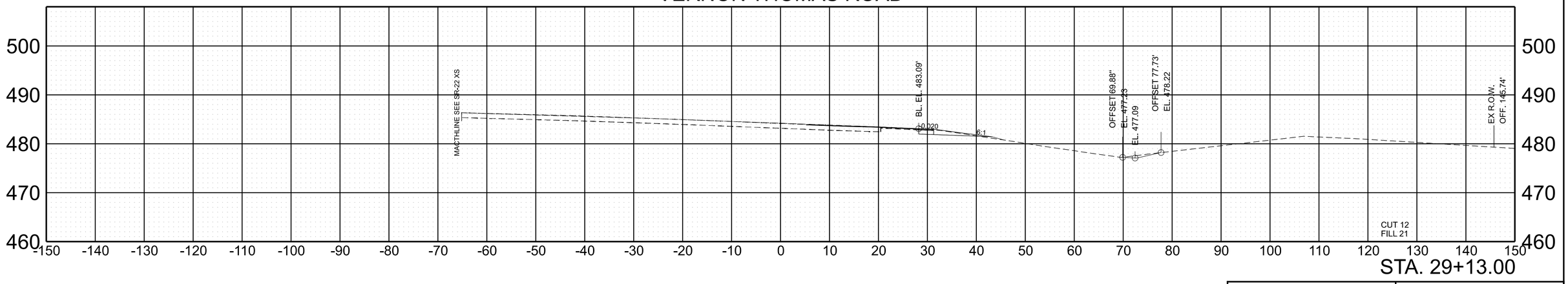
STA. 28+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 28+50.00
	1"=10' VERT.	END STA. 28+69.85

8/20/2026 8:43:59 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-XS-VERNON THOMAS ROAD.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	48
PLAN-IN-HAND	2025	09S022-S3-005	48
PS&E	2026	09S022-S3-005	49

VERNON THOMAS ROAD



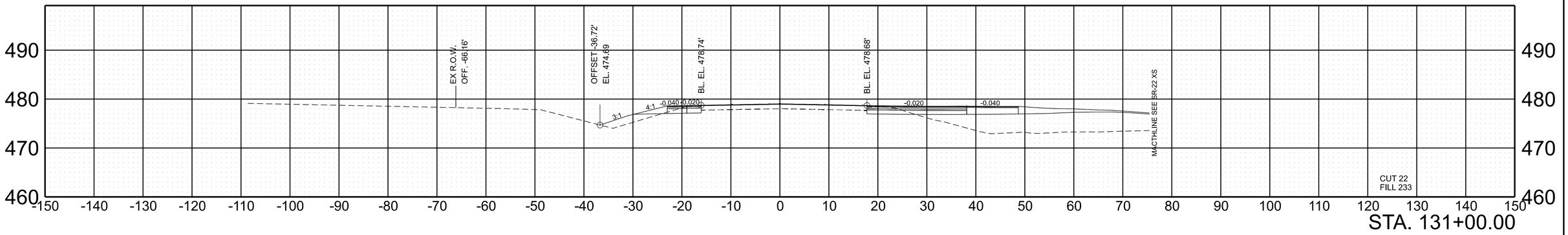
STA. 29+13.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 29+05.47
	1"=10' VERT.	END STA. 29+05.47

8/20/2026 8:44:00 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS-VERNON THOMAS ROAD.DGN

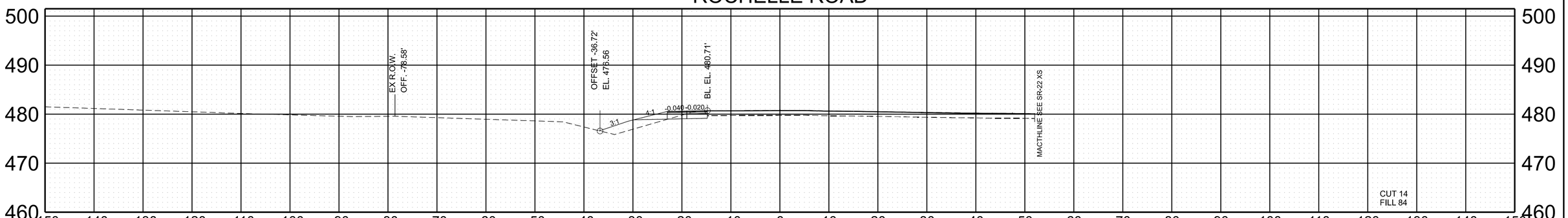
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	49
PLAN-IN-HAND	2025	09S022-S3-005	49
PS&E	2026	09S022-S3-005	50

ROCHELLE ROAD



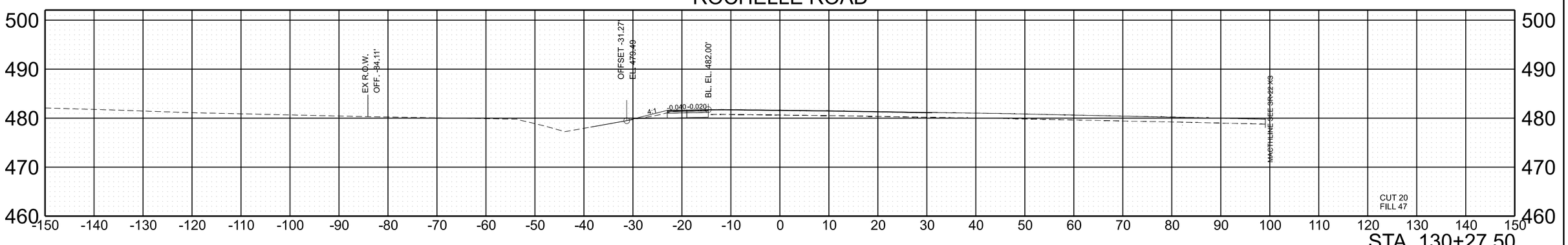
STA. 131+00.00

ROCHELLE ROAD



STA. 130+50.00

ROCHELLE ROAD



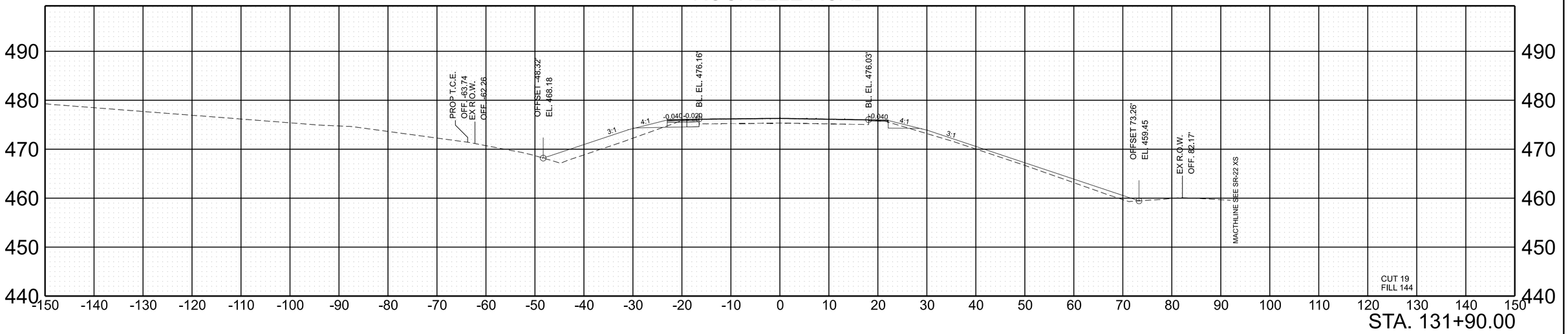
STA. 130+27.50

SCALE:	1"=10' HORIZ.	BEGIN STA. 130+27.73
	1"=10' VERT.	END STA. 131+00.00

8/20/2026 8:44:03 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS-ROCHELLE ROAD.DGN

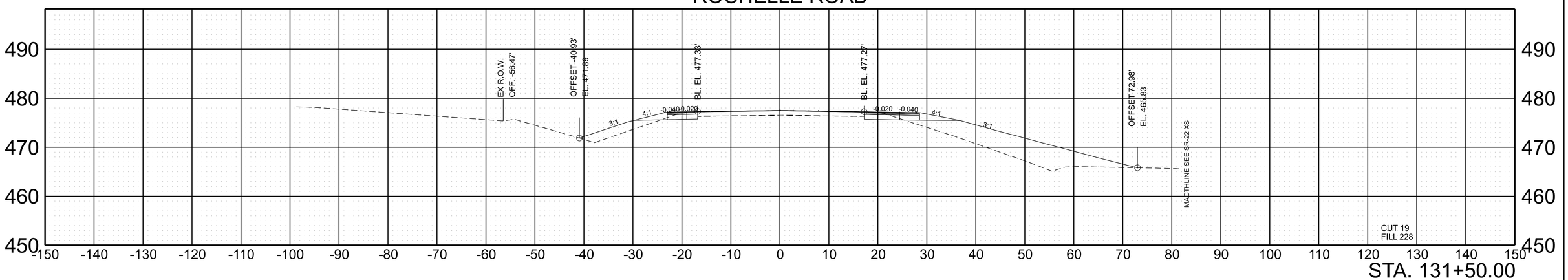
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	50
PLAN-IN-HAND	2025	09S022-S3-005	50
PS&E	2026	09S022-S3-005	51

ROCHELLE ROAD



STA. 131+90.00

ROCHELLE ROAD



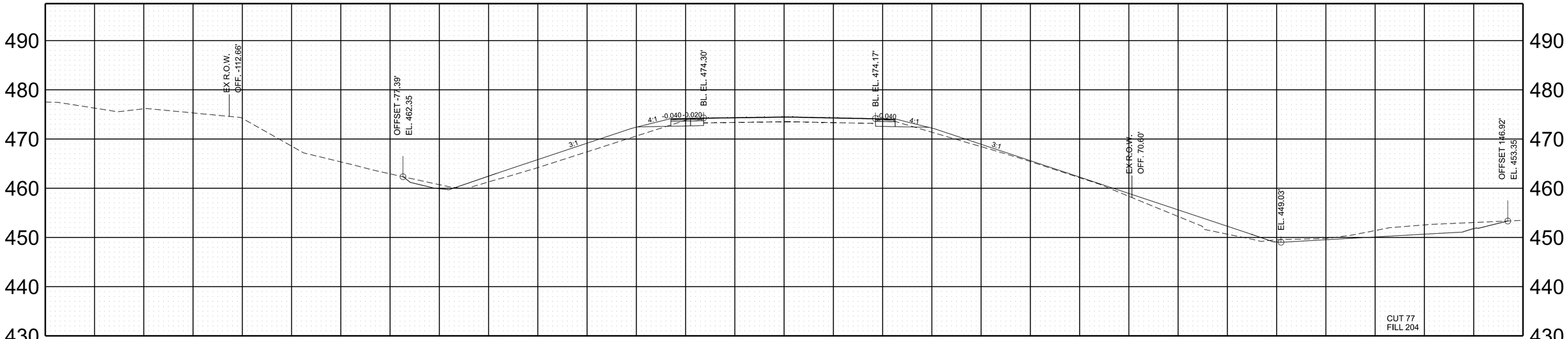
STA. 131+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 131+50.00
	1"=10' VERT.	END STA. 131+90.29

8/20/2026 8:44:04 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT\0085TRITRANSPORTATION\09S022-SHT-XS-ROCHELLE ROAD.DGN

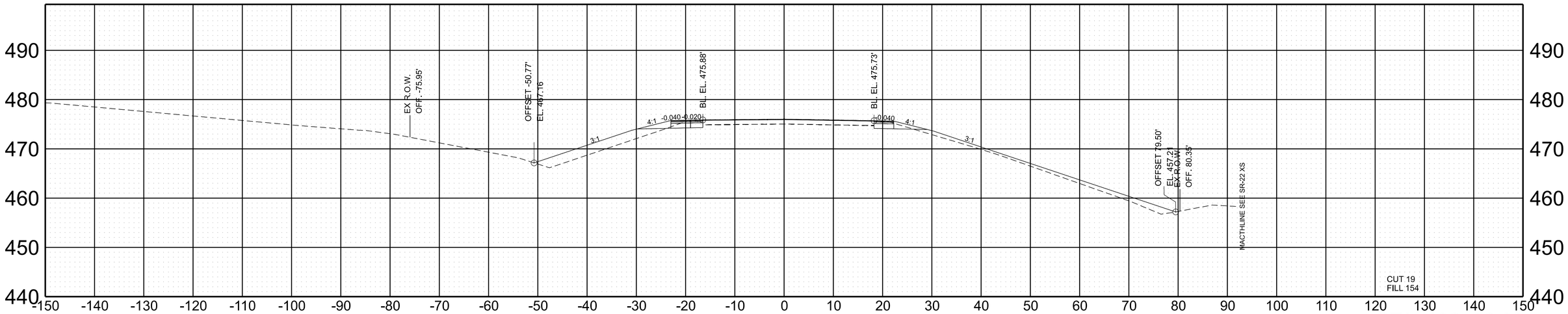
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	51
PLAN-IN-HAND	2025	09S022-S3-005	51
PS&E	2026	09S022-S3-005	52

ROCHELLE ROAD



STA. 132+50.00

ROCHELLE ROAD



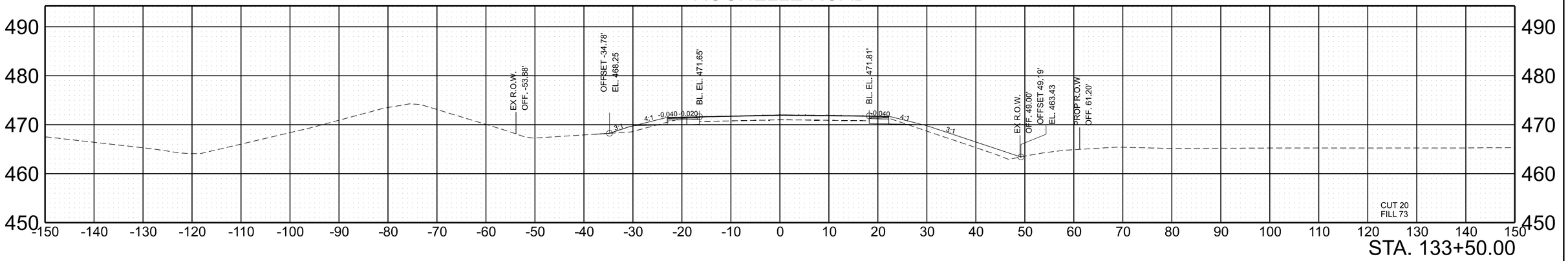
STA. 132+00.00

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 132+00.00
	1"=10' VERT.	END STA. 132+50.00

8/20/2026 8:44:05 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\TDOT10085TR\TRANSPORTATION\09S022-SHT-XS-ROCHELLE ROAD.DGN

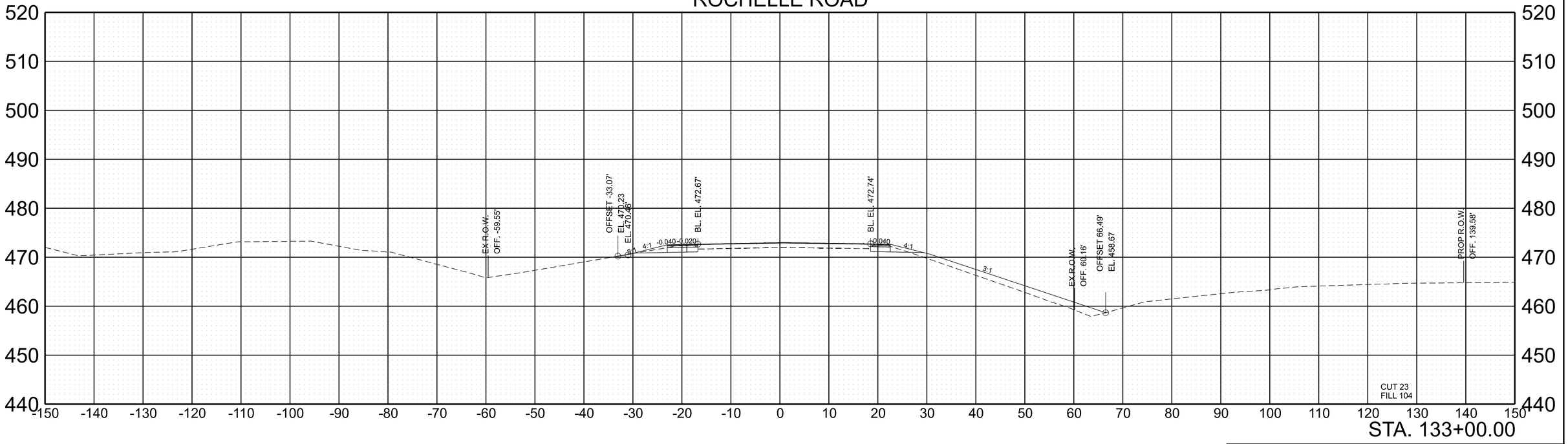
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	52
PLAN-IN-HAND	2025	09S022-S3-005	52
PS&E	2026	09S022-S3-005	53

ROCHELLE ROAD



STA. 133+50.00

ROCHELLE ROAD



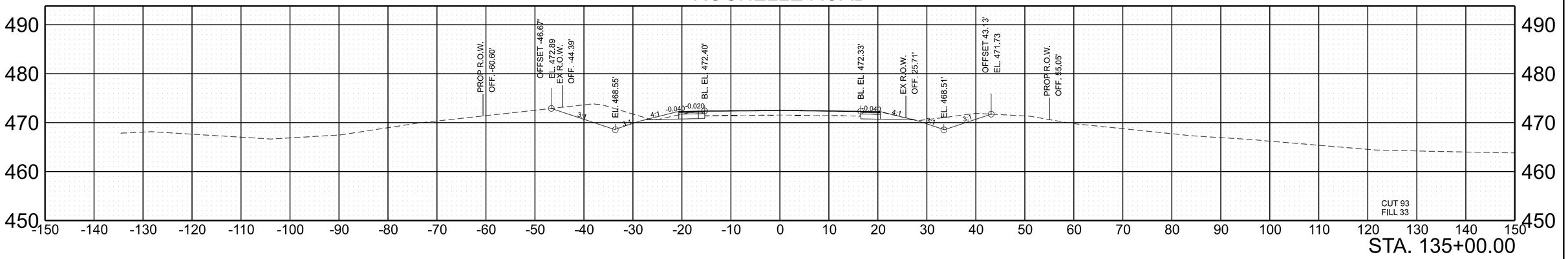
STA. 133+00.00

SCALE:			
	1"=10'	HORIZ.	BEGIN STA. 133+00.00
	1"=10'	VERT.	END STA. 133+50.00

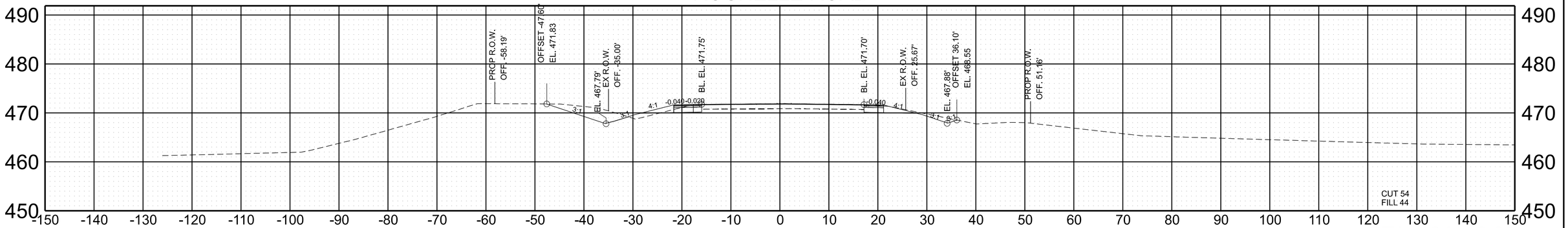
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	53
PLAN-IN-HAND	2025	09S022-S3-005	53
PS&E	2026	09S022-S3-005	54

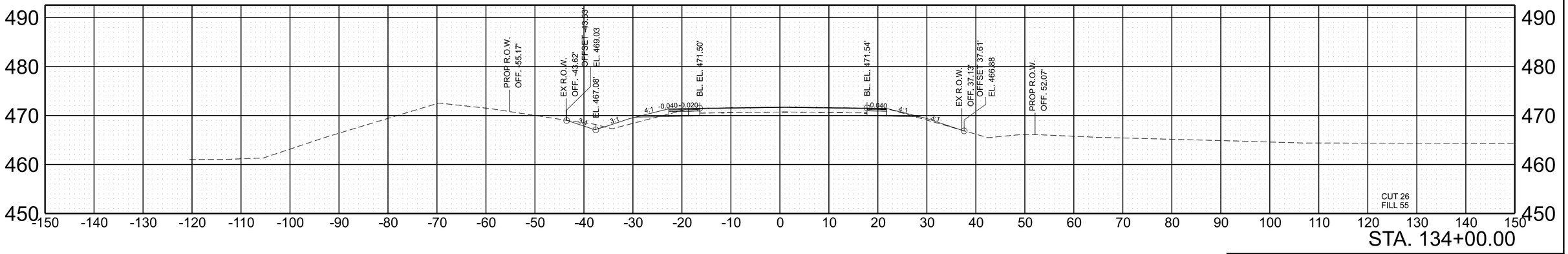
ROCHELLE ROAD



ROCHELLE ROAD



ROCHELLE ROAD

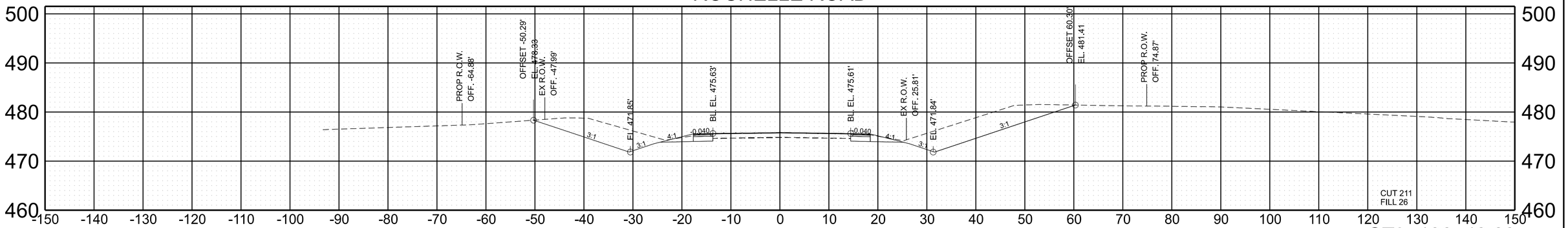


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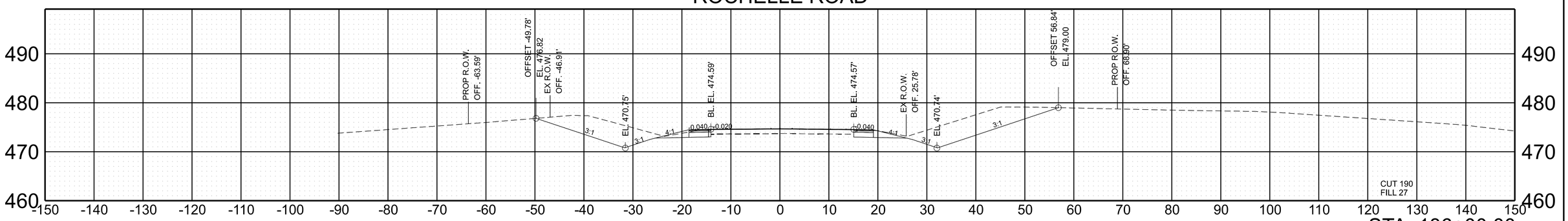
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	54
PLAN-IN-HAND	2025	09S022-S3-005	54
PS&E	2026	09S022-S3-005	55

ROCHELLE ROAD



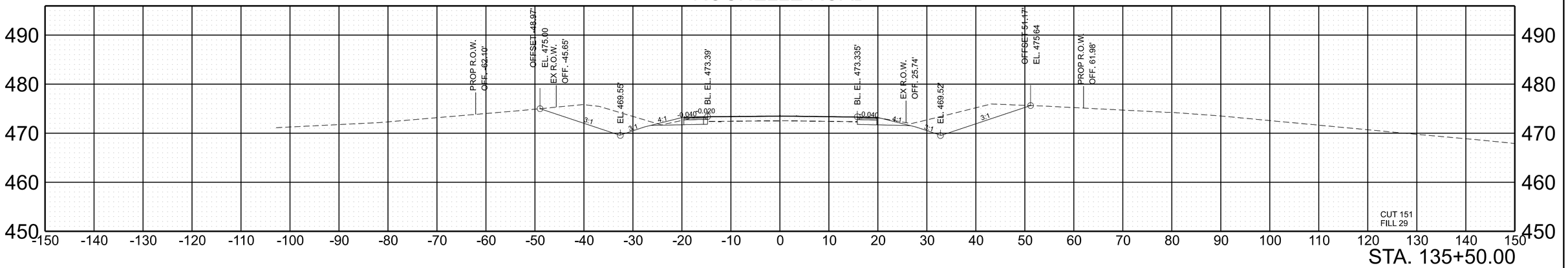
STA. 136+43.09

ROCHELLE ROAD



STA. 136+00.00

ROCHELLE ROAD



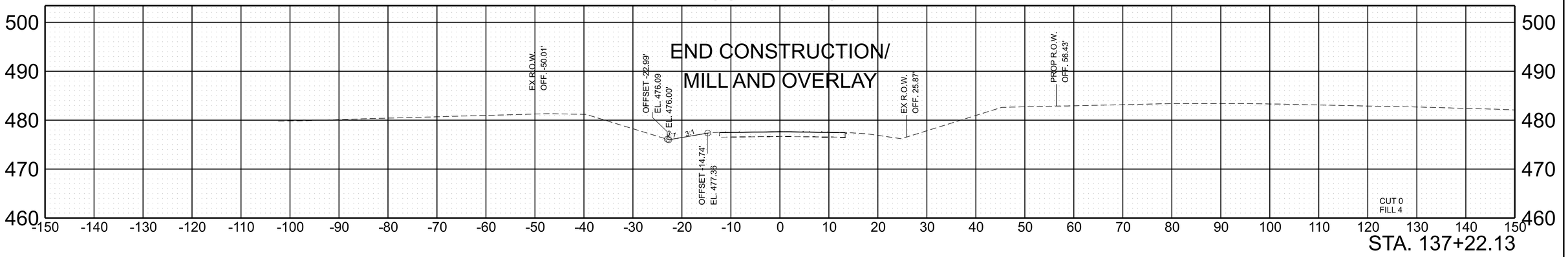
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SCALE:		
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	1"=10' VERT.	END STA. 136+43.09

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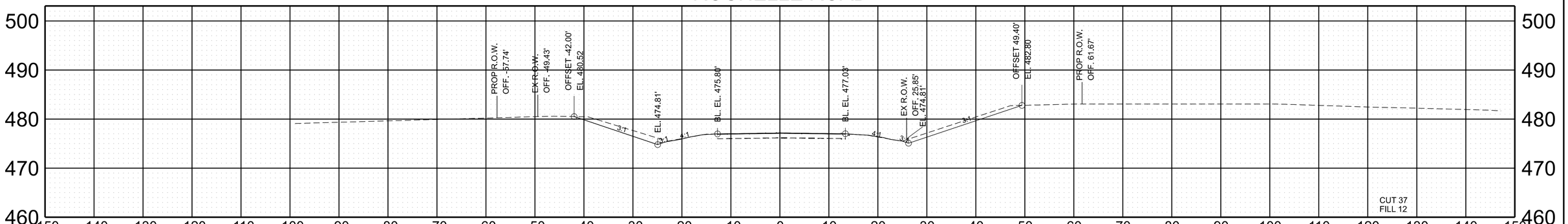
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	55
PLAN-IN-HAND	2025	09S022-S3-005	55
PS&E	2026	09S022-S3-005	56

ROCHELLE ROAD



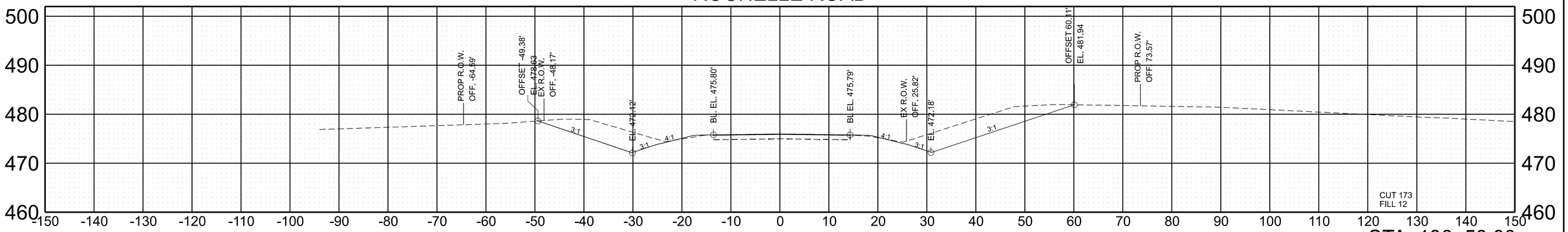
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ROCHELLE ROAD



STA. 137+00.00

ROCHELLE ROAD

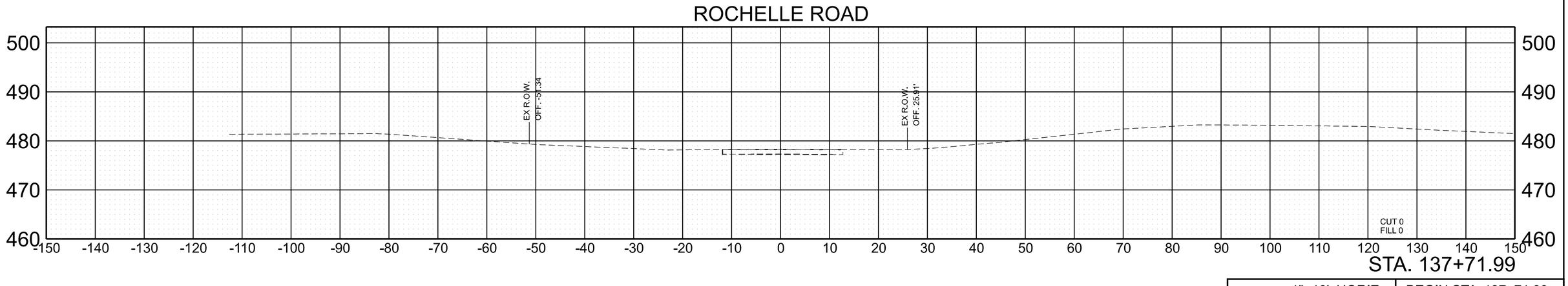


STA. 136+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 136+50.00
	1"=10' VERT.	END STA. 137+21.99

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	56
PLAN-IN-HAND	2025	09S022-S3-005	56
PS&E	2026	09S022-S3-005	57



SCALE:			
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	1"=10'	VERT.	END STA. 137+71.99

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T1
PLAN-IN-HAND	2025	09S022-S3-005	T1
PS&E	2026	09S022-S3-005	T1

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.

3. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 6 INCHES BUT NOT EXCEEDING 18 INCHES, THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL, MAY UTILIZE ONE OF THE FOLLOWING:

   a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION 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.

   IN ORDER TO USE THIS METHOD, THE CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORKDAY THAT THE CONDITION IS CREATED.

   b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.

   c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO SIX INCHES OR LESS.

   d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

   FOR PRECEDING CONDITIONS a, b, AND c, THE CONTRACTOR SHALL USE THE SHOULDER DROP-OFF WARNING SIGN WITH PLAQUE (W8-17 AND W8-17P). IT SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN THE SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE 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 IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

4. FOR DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 18 INCHES.

   SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

   IN THIS SITUATION THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE 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.

B. IF THE DIFFERENCE IN ELEVATION IS WITHIN 30 FEET OF THE NEAREST TRAFFIC LANE BEING USED BY TRAFFIC CAUSED BY GRADING, EXCAVATION FOR UTILITIES, DRAINAGE STRUCTURES, UNDERCUTTING, ETC.:

1. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 3/4 INCH AND NOT EXCEEDING 2 INCHES.

   a. 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.

2. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:

   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.

3. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:

   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. ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

   THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

C. IF THE DIFFERENCE IN ELEVATION IS FARTHER THAN 8 FEET FROM THE NEAREST TRAFFIC LANE BUT NOT MORE THAN 30 FEET FROM THE NEAREST TRAFFIC LANE:

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.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

SEALED BY

JILL CLAUDINE STANKO REGISTERED ENGINEER AGRICULTURE COMMERCE No. 121754 STATE OF TENNESSEE

8/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T2
PLAN-IN-HAND	2025	09S022-S3-005	T2
PS&E	2026	09S022-S3-005	T2

TRAFFIC CONTROL PHASING NOTES

PHASE 1:

1. INSTALL ADVANCED WARNING SIGNS AND MESSAGE BOARDS PRIOR TO ANY CONSTRUCTION TAKING PLACE.
2. ALL TEMPORARY SIGNS AND DEVICES SHALL BE INSTALLED PER THE TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE MUTCD, AND/OR AS DIRECTED BY THE ENGINEER.
3. OUTSIDE LANES OF S.R. 22, SOUTH SIDE OF ROCHELLE RD, AND VERNON THOMAS RD SHALL BE CLOSED AND PROPOSED WORK SHALL BEGIN.

PHASE 2:

1. ALL TEMPORARY SIGNS AND DEVICES SHALL BE INSTALLED PER THE TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE MUTCD, AND/OR AS DIRECTED BY THE ENGINEER.
2. OUTSIDE LANE OF S.R. 22, NORTH SIDE OF ROCHELLE RD, AND NORTH SIDE OF VERNON THOMAS RD SHALL BE CLOSED AND PROPOSED WORK SHALL BEGIN.

PHASE 3:

1. ALL TEMPORARY SIGNS AND DEVICES SHALL BE INSTALLED PER THE TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE MUTCD, AND/OR AS DIRECTED BY THE ENGINEER.
2. INSIDE LANE OF S.R. 22 SHALL BE CLOSED AND PROPOSED WORK SHALL BEGIN ON THE MEDIAN OF S.R. 22.

PHASE 4:

1. COMPLETE FINAL PAVEMENT SURFACE.
2. COMPLETE FINAL SURFACE PAVING AND STRIPING FOR ENTIRE ROADWAY USING MOBILE OPERATION AND TRAFFIC CONTROL.

TABULATED TRAFFIC CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 09S022-S3-005
	712-01	TRAFFIC CONTROL	LS	0.5
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	2866
	712-02.12	PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)	L.F.	667
	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	7
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	565
	712-04.50	BARRIER RAIL DELINEATOR	EACH	89
(1)	712-06	SIGNS (CONSTRUCTION)	S.F.	320
	712-08.03	ARROW BOARD (TYPE C)	EACH	8
	712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	11012
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2
(2)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	18
	716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	L.F.	208
	716-05.04	PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	34
	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	72
	716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	EACH	5
	716-05.09	PAINTED PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	2
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	1.5
	716-06.01	PAINTED WORD PVMT MARK (ONLY)	EACH	2
	716-08.02	REMOVAL OF PAVEMENT MARKING (8" BARRIER LINE)	L.F.	428
	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	72
	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH	2
	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	1

FOOTNOTES

(1) SEE THIS SHEET FOR SCHEDULE. ADDITIONAL SIGNS INSTALLED AS DIRECTED BY THE ENGINEER SHALL BE PAID FOR AT THE UNIT COST FOR THIS ITEM.

(2) INCLUDES 18 S.F. TO BE USED FOR TEMPOARY TRAFFIC CONTROL.

TRAFFIC CONTROL SIGN TABULATION

M.U.T.C.D. SIGN NO.	LEGEND	SIZE IN INCHES L	X	W	S.F.	NO. REQUIRED PHASE I	NO. REQUIRED PHASE II	NO. REQUIRED PHASE III	NO. REQUIRED PHASE IV	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.	STANDARD DRAWING NO.	REMARKS
G20-2	END ROAD WORK	48"	X	24"	8	4	4	4		4	32.00	T-WZ-10	
W4-2L	LEFT LANE ENDS MERGE RIGHT	48"	X	48"	16			4				T-WZ-11	
W4-2R	RIGHT LANE ENDS MERGE RIGHT	48"	X	48"	16	4	4			4	64.00	T-WZ-11	
W20-1	ROAD WORK AHEAD	48"	X	48"	16	2	2	2		2	32.00	T-WZ-10	
W20-1	ROAD WORK 1 MILE	48"	X	48"	16	4	4	4		4	64.00	T-WZ-10	
W20-5LF	LEFT LANE CLOSED 1500 FT	48"	X	48"	16			4				T-WZ-11	
W20-5LM	LEFT LANE CLOSED 1/2 MILE	48"	X	48"	16			4				T-WZ-11	
W20-5RF	RIGHT LANE CLOSED 1500 FT	48"	X	48"	16	4	4			4	64.00	T-WZ-11	
W20-5RM	RIGHT LANE CLOSED 1/2 MILE	48"	X	48"	16	4	4			4	64.00	T-WZ-11	
										TOTAL	320	S.F.	

SEALED BY

JILL CLAUDINE STANKO REGISTERED ENGINEER
Jill Claudine Stanko
POWERS No. 121754
STATE OF TENNESSEE
9/27/2026

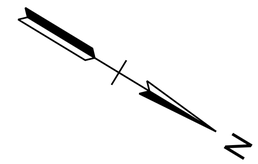
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION

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PORTABLE BARRIER RAIL- PH 1				
S.R.22				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
246+70.00	250+70.00	RT	OUTSIDE SHLD	712-02.02

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T3
PLAN-IN-HAND	2025	09S022-S3-005	T3
PS&E	2026	09S022-S3-005	T3



245

250

STA. 241+70.00
N 642737.0185
E 1239928.6026

09S022-S3-005
BEGIN PROJECT CONST.
STA. 244+88.72
N 643009.5397 E 1239763.3266

WTL-1

EX. STRIPING TO REMAIN (TYP.)

WWC-1/EPH-1

END ROAD WORK
G20-2
(48"X24")

500'

12'
12'
12'
12'
12'

N31°14'08"W
SR-22

STA. 250+70 SEE SHEET NO. T4

8" RSSWL

645' BUFFER

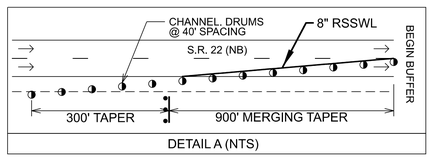
20:1 TAPER

SEE DETAILS A & B

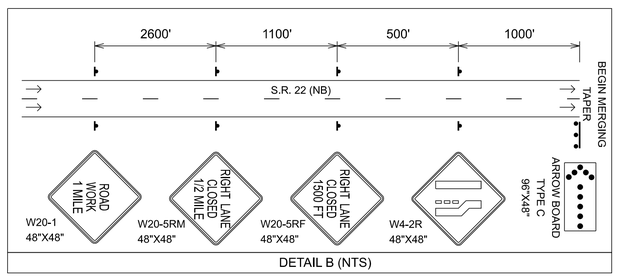
CHANNEL DRUMS @ 80' SPACING

PORTABLE BARRIER RAIL WITH WITH DELINEATOR SPACED @ 40'

MATCH LINE STA. 250+70



DETAIL A (NTS)



DETAIL B (NTS)

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
FORESTRY
No. 121754
STATE OF TENNESSEE
9/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 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

BOP TO STA. 250+70.00
SCALE: 1" = 50'

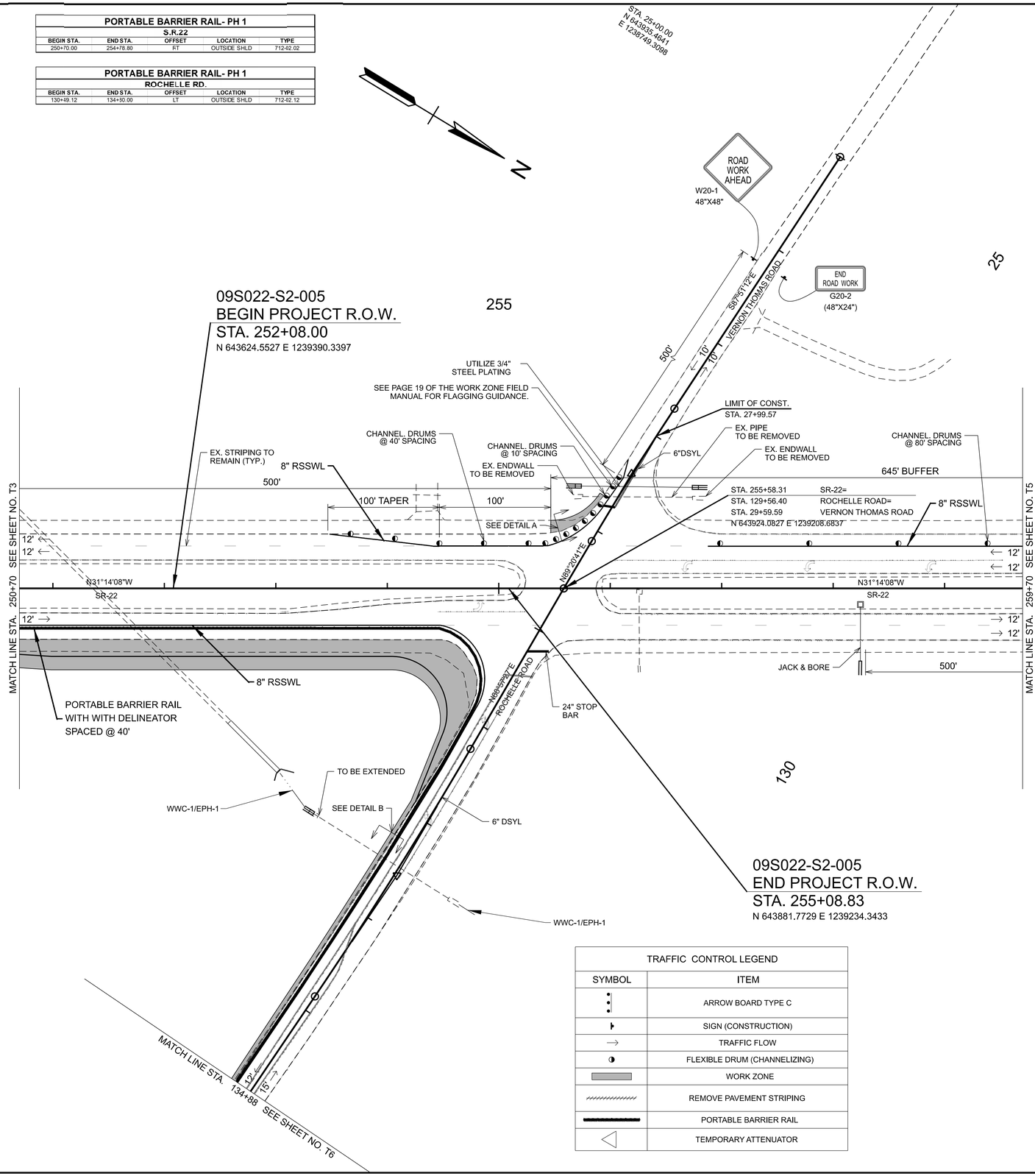
PHASE 1

8/20/2026 8:45:47 AM
\\EGNYTEDRIVE\PROJECTS\TDOTDOT\0085TR\TRANSPORTATION\09S022-SHT-TRAFFICCONTROLPHASE1.DGN

PORTABLE BARRIER RAIL- PH 1				
S.R.22				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
250+70.00	254+78.80	RT	OUTSIDE SHLD	712-02.02

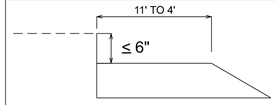
PORTABLE BARRIER RAIL- PH 1				
ROCHELLE RD.				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
130+49.12	134+30.00	LT	OUTSIDE SHLD	712-02.12

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T4
PLAN-IN-HAND	2025	09S022-S3-005	T4
PS&E	2026	09S022-S3-005	T4



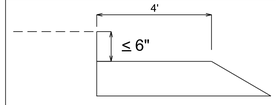
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
→	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

DETAIL A



NOTE: CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORK DAY THAT THE CONDITION IS CREATED.

DETAIL B



NOTE: CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORK DAY THAT THE CONDITION IS CREATED.

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
STATE OF TENNESSEE
No. 121754
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

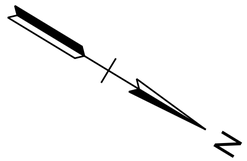
TRAFFIC CONTROL PLANS

STA. 250+70.00 TO STA. 259+70.00
SCALE: 1" = 50'

PHASE 1

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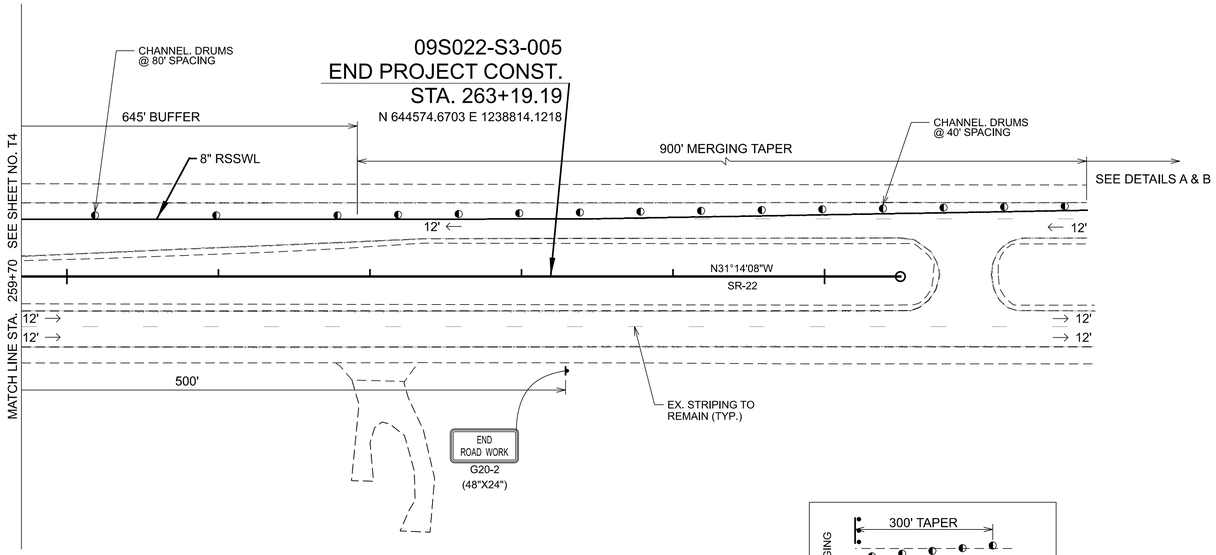
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T5
PLAN-IN-HAND	2025	09S022-S3-005	T5
PS&E	2026	09S022-S3-005	T5

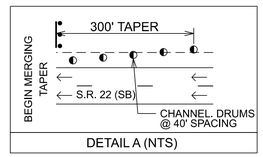


260

265

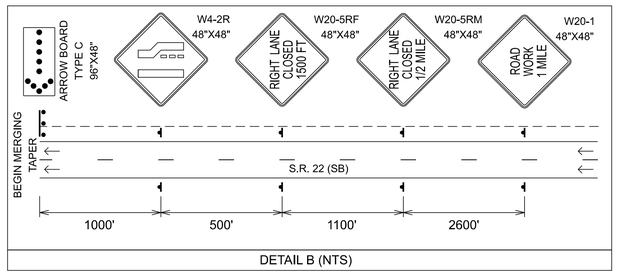
STA. 265+50.00
N 644772.0199
E 1238094.4352





DETAIL A (NTS)

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR



DETAIL B (NTS)

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE COMMERCE
No. 121754
STATE OF TENNESSEE
Jill Claudine Stanko
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 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. 259+70.00 TO EOP
SCALE: 1" = 50'

PHASE 1

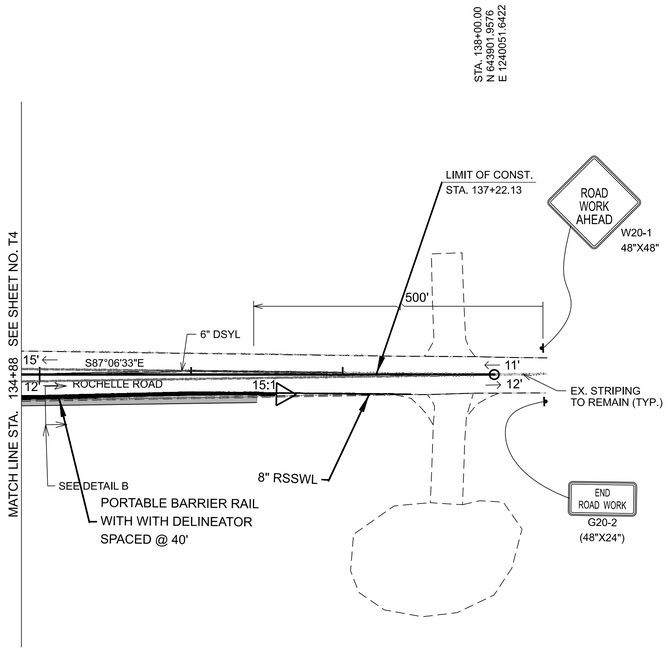
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PORTABLE BARRIER RAIL- PH 1				
ROCHELLE RD.				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
134+80.00	136+44.12	LT	OUTSIDE SHLD	712-02.12

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T6
PLAN-IN-HAND	2025	09S022-S3-005	T6
PS&E	2026	09S022-S3-005	T6

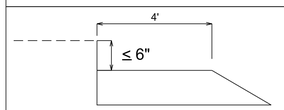
N

135



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

DETAIL B



NOTE: CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORK DAY THAT THE CONDITION IS CREATED.

SEALED BY

JILL CLAUDINE STANTON
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE

Jill Claudine Stanton

9/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

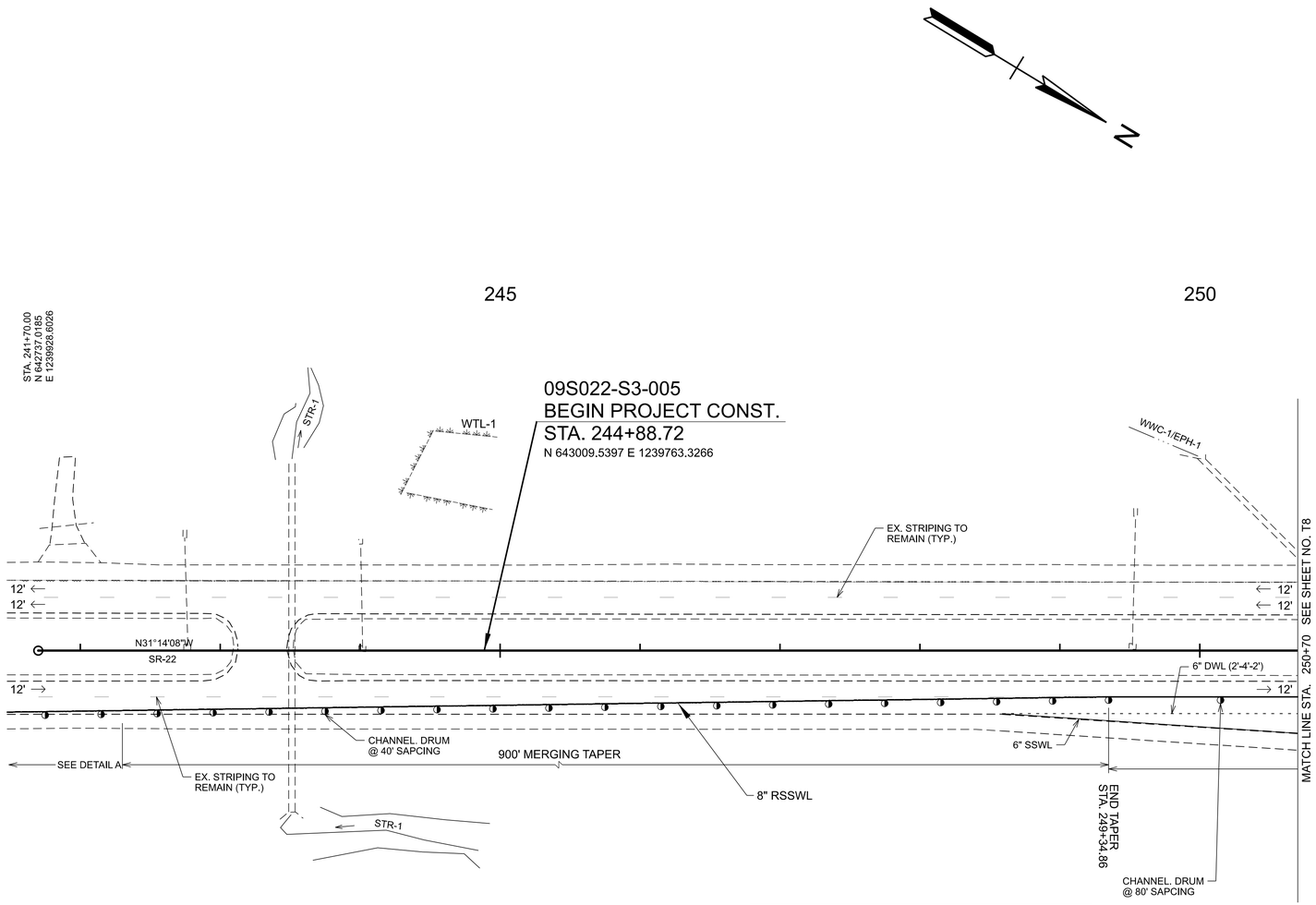
TRAFFIC CONTROL PLANS

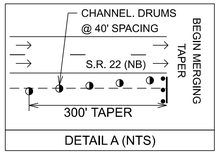
STA. 134+88.00 TO EOC
SCALE: 1" = 50'

PHASE 1

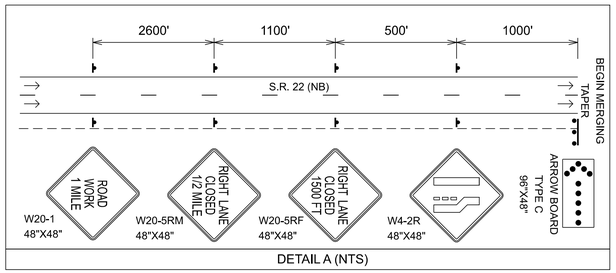
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T7
PLAN-IN-HAND	2025	09S022-S3-005	T7
PS&E	2026	09S022-S3-005	T7





DETAIL A (NTS)



DETAIL A (NTS)

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
POWERS
No. 121754
STATE OF TENNESSEE
Jill Claudine Stanko
9/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BOP TO STA. 250+70.00
SCALE: 1" = 50'

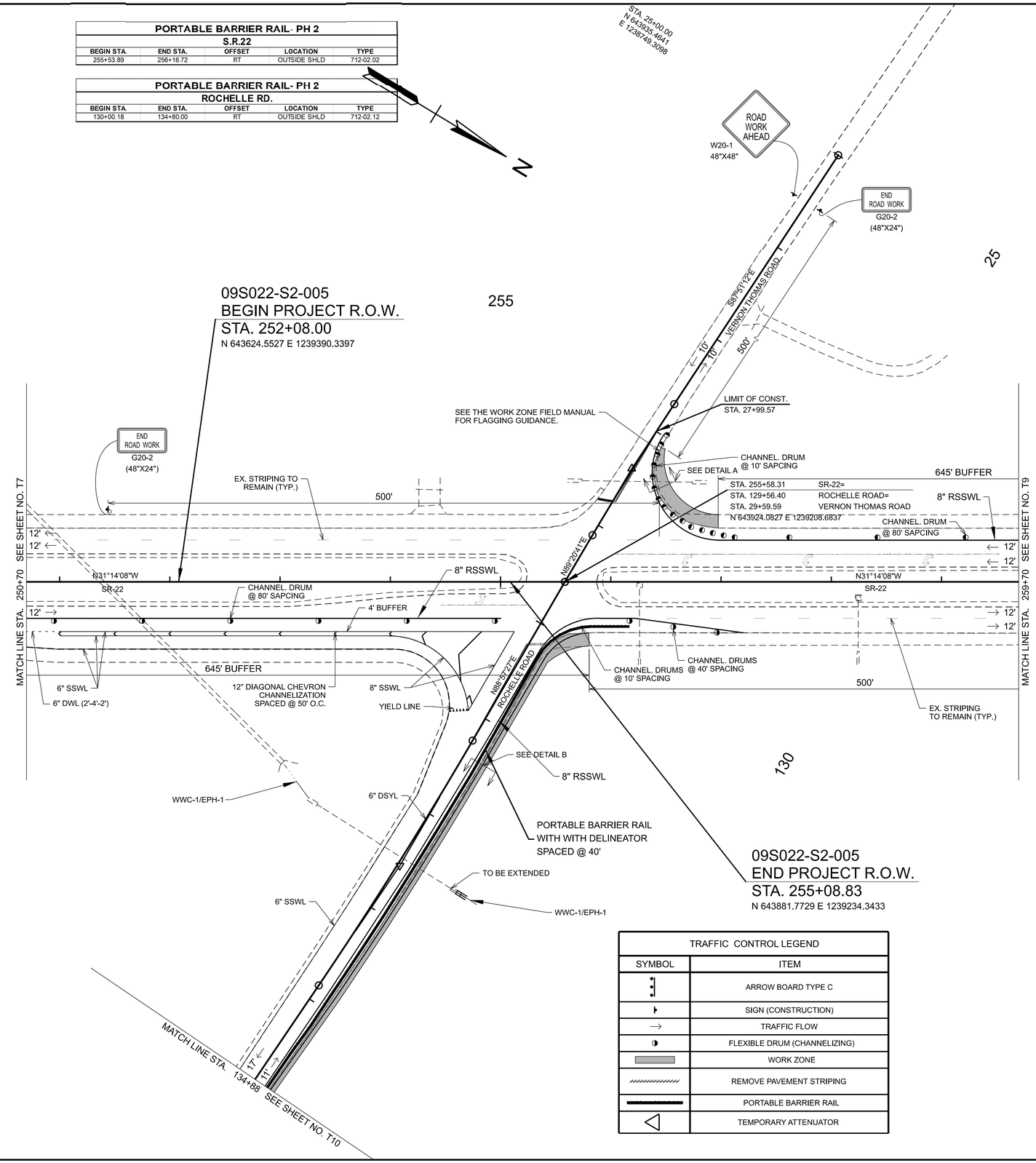
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PORTABLE BARRIER RAIL- PH 2				
S.R.22				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
255+53.89	256+16.72	RT	OUTSIDE SHLD	712-02.02

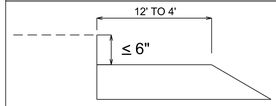
PORTABLE BARRIER RAIL- PH 2				
ROCHELLE RD.				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
130+00.18	134+80.00	RT	OUTSIDE SHLD	712-02.12

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T8
PLAN-IN-HAND	2025	09S022-S3-005	T8
PS&E	2026	09S022-S3-005	T8



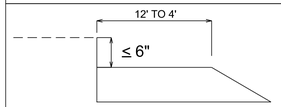
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

DETAIL A



NOTE: CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORK DAY THAT THE CONDITION IS CREATED.

DETAIL B



NOTE: CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORK DAY THAT THE CONDITION IS CREATED.

SEALED BY



COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

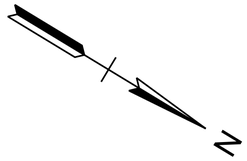
TRAFFIC CONTROL PLANS

STA. 250+70.00 TO STA. 259+70.00
SCALE: 1" = 50'

PHASE 2

8/20/2026 8:45:53 AM
\\EGNYTEDRIVE\PROJECTS\TDOT\0085TR\TRANSPORTATION\09S022-SHT-TRAFFICCONTROLPHASE2.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T9
PLAN-IN-HAND	2025	09S022-S3-005	T9
PS&E	2026	09S022-S3-005	T9



260

265

STA. 265+50.00
N 644772.0199
E 1238094.4352

09S022-S3-005
END PROJECT CONST.
STA. 263+19.19
N 644574.6703 E 1238814.1218

END TAPER
STA. 263+42.54

645' BUFFER

900' MERGING TAPER

SEE DETAIL A & B

8" RSSWL

CHANNEL. DRUM
@ 80' SAPCING

CHANNEL. DRUM
@ 40' SAPCING

12'

12'

SEE SHEET NO. T8

STA. 259+70

N31°14'08"W
SR-22

12'

12'

12'

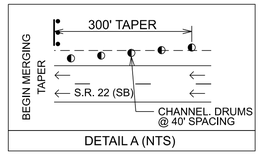
12'

MATCH LINE STA. 259+70

500'

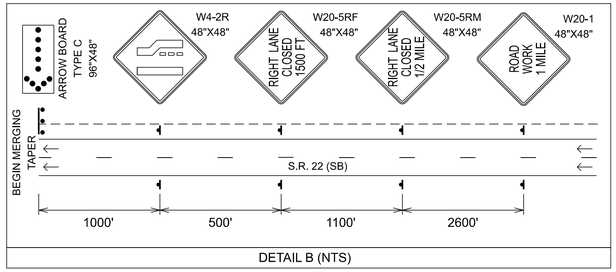
END
ROAD WORK
G20-2
(48"X24")

EX. STRIPING
TO REMAIN (TYP.)



DETAIL A (NTS)

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR



DETAIL B (NTS)

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
POWERS
No. 121754
STATE OF TENNESSEE
8/27/2026

COORDINATES ARE NAD 83(2011), ARE
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TO THE NAVD 1988 WITH GEOID 12B.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 259+70.00 TO EOP
SCALE: 1" = 50'

PHASE 2

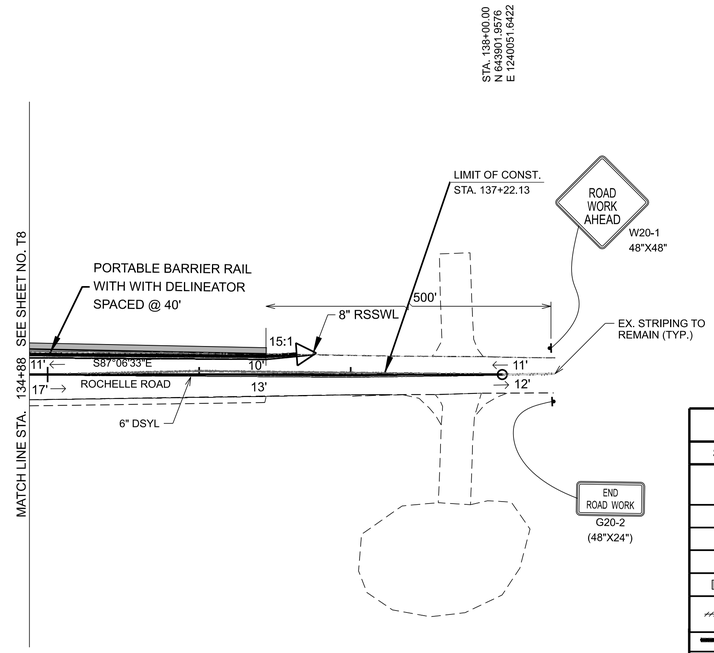
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\\EGNYTEDRIVE\PROJECTS\TDOT\DOT\0085TR\TRANSPORTATION\09S022-SHT-TRAFFICCONTROLPHASE2.DGN

PORTABLE BARRIER RAIL- PH 2				
ROCHELLE RD.				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
134+80.00	136+64.26	RT	OUTSIDE SHLD	712-02.12

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T10
PLAN-IN-HAND	2025	09S022-S3-005	T10
PS&E	2026	09S022-S3-005	T10

N

135



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE

Jill Claudine Stanko

8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

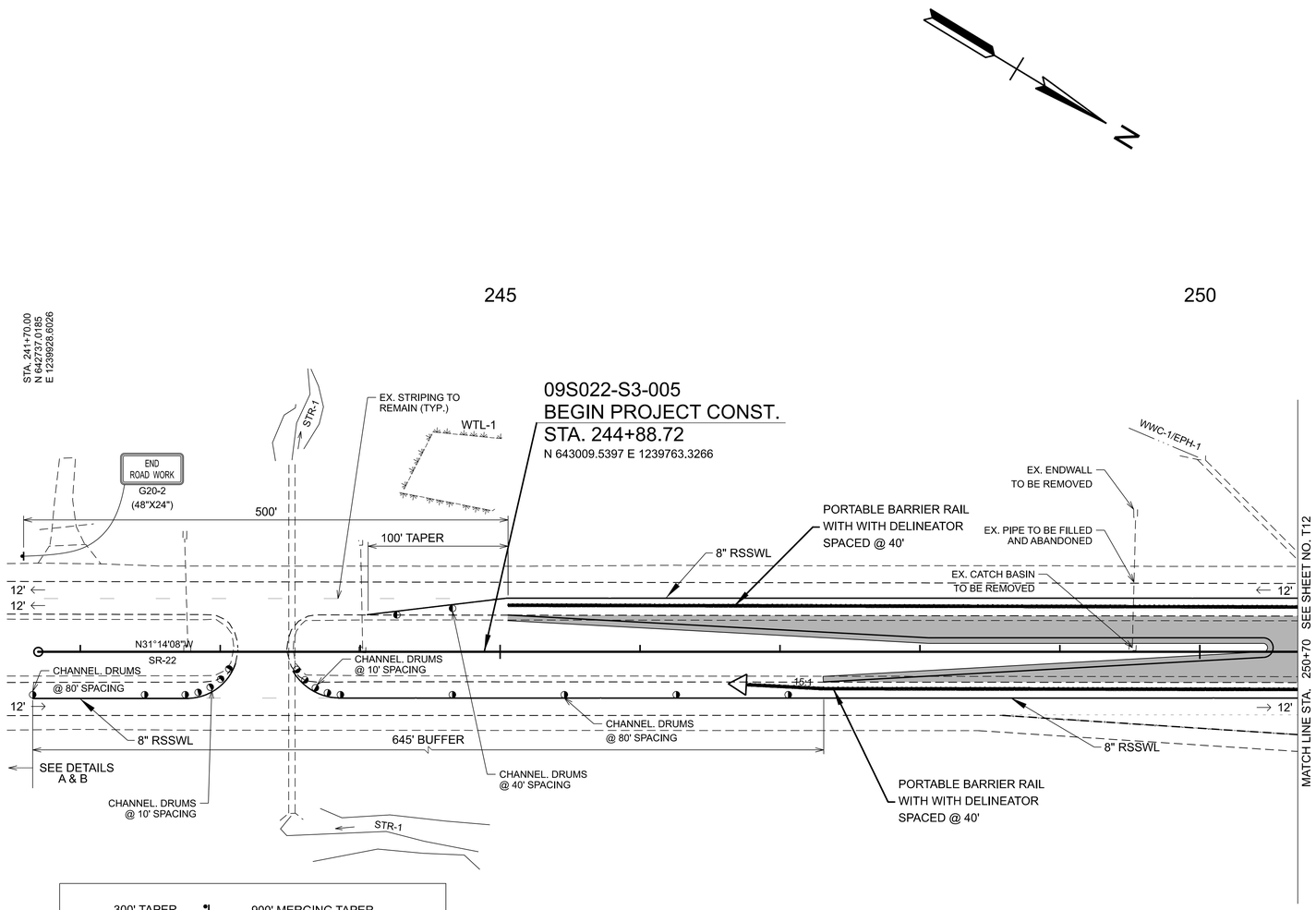
STA. 134+88.00 TO EOC
SCALE: 1" = 50'

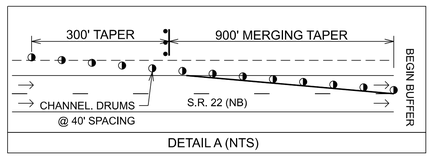
PHASE 2

8/20/2026 8:45:55 AM
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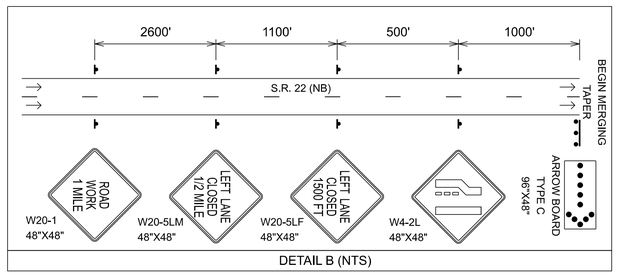
PORTABLE BARRIER RAIL - PH 3				
S.R.22				
BEGIN STA.	END STA.	DAYART	LOCATION	TYPE
240+00.02	264+70.98	LT	RADIUS W/LT	PCB-02.10
240+00.02	250+70.98	RT	RADIUS W/LT	PCB-02.10

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T11
PLAN-IN-HAND	2025	09S022-S3-005	T11
PS&E	2026	09S022-S3-005	T11





DETAIL A (NTS)



DETAIL B (NTS)

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
→	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 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

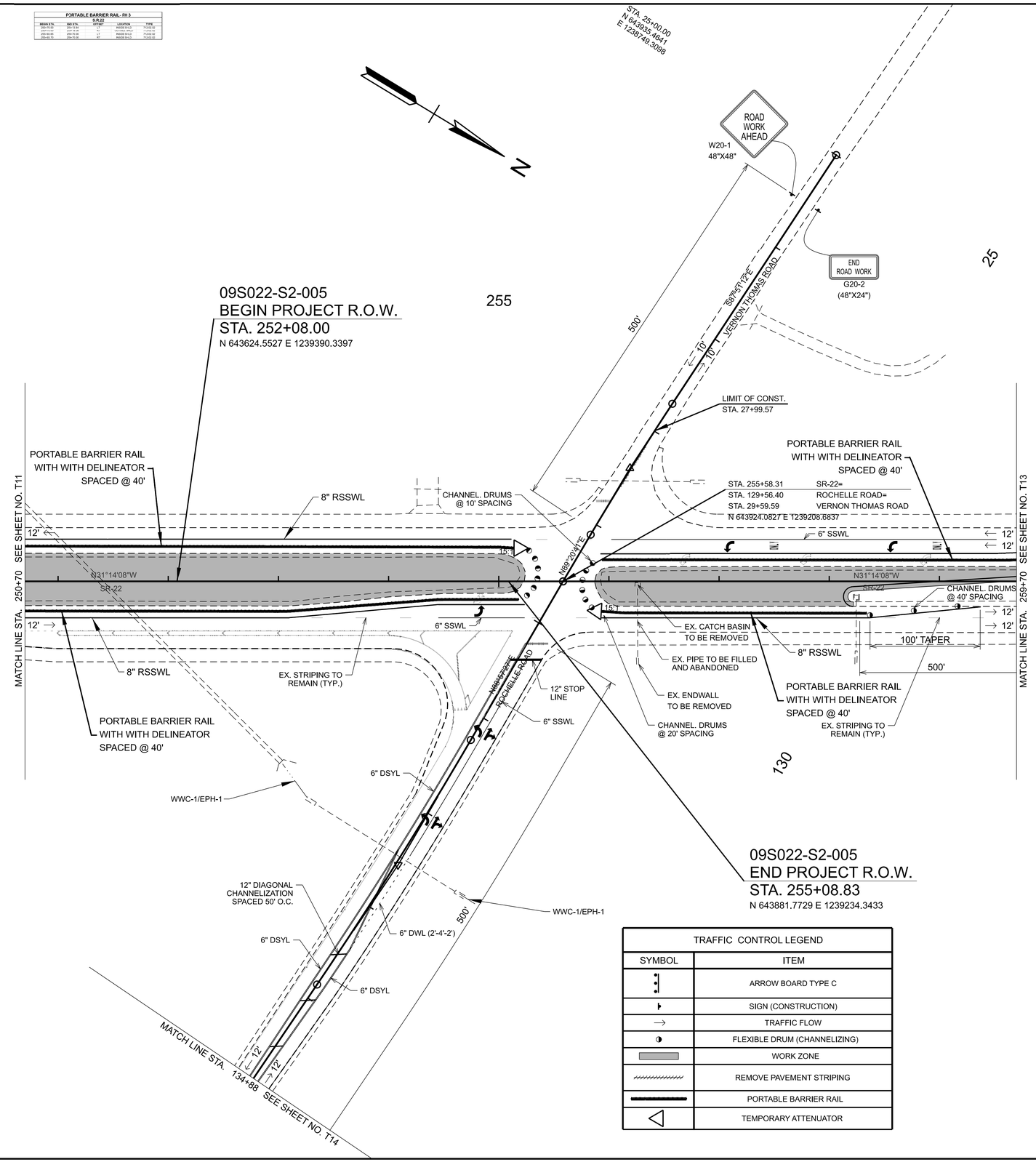
BOP TO STA. 250+70.00
SCALE: 1" = 50'

PHASE 3

8/20/2026 8:45:57 AM
\\EGNYTEDRIVE\PROJECTS\TDOTTDOT\0085TR\TRANSPORTATION\09S022-SHT-TRAFFICCONTROLPHASE3.DGN

PORTABLE BARRIER RAIL - FH 3				
S.R.22				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
250+70.00	254+13.84	LT	RAISE SHLD	TS3.02.02
250+70.00	254+13.84	RT	RAISE SHLD	TS3.02.02
259+69.85	254+70.00	LT	RAISE SHLD	TS3.02.02
259+69.70	254+70.00	RT	RAISE SHLD	TS3.02.02

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T12
PLAN-IN-HAND	2025	09S022-S3-005	T12
PS&E	2026	09S022-S3-005	T12



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

SEALED BY

JILL CLAUDINE STANKO
REGISTERED ENGINEER
AGRICULTURE COMMERCE
No. 121754
STATE OF TENNESSEE
8/27/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 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

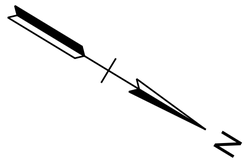
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SCALE: 1" = 50'

PHASE 3

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PORTABLE BARRIER RAIL- PH 3				
S.R.22				
BEGIN STA.	END STA.	OFFSET	LOCATION	TYPE
257+19.19	265+19.19	LT	BEHIND GUIDE	PRTBLE

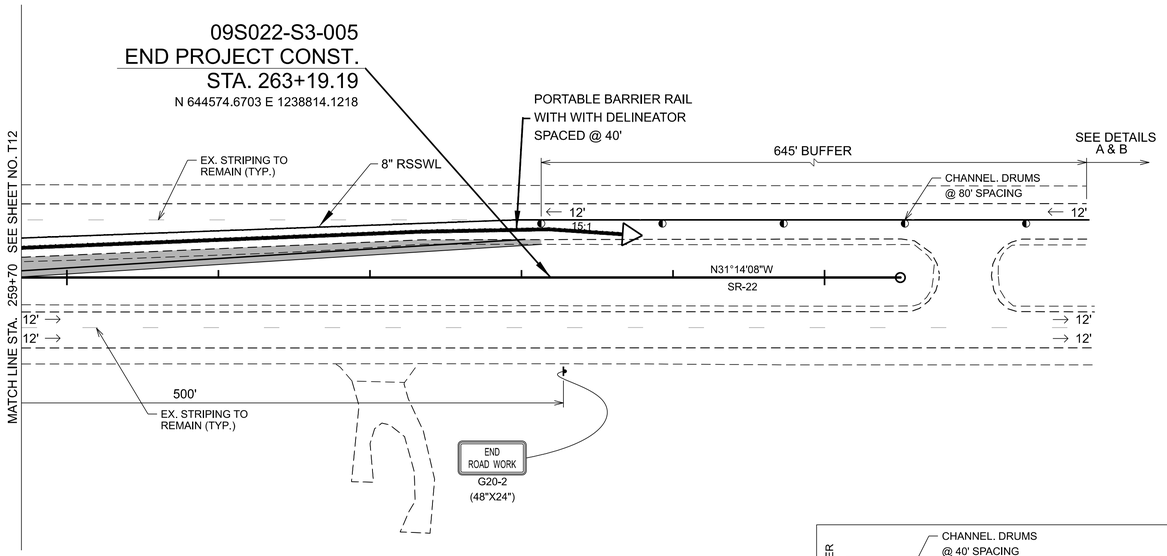
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T13
PLAN-IN-HAND	2025	09S022-S3-005	T13
PS&E	2026	09S022-S3-005	T13

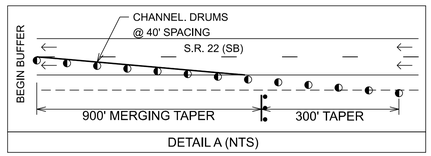


260

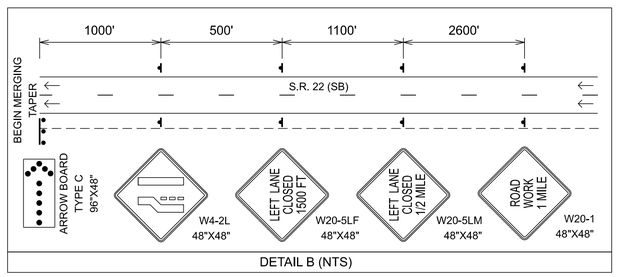
265

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E 1238094.4352





DETAIL A (NTS)



DETAIL B (NTS)

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
→	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR

SEALED BY

JILL CLAUDINE STANKO
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POWERS
No. 121754
STATE OF TENNESSEE

8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 259+70.00 TO EOP
SCALE: 1" = 50'

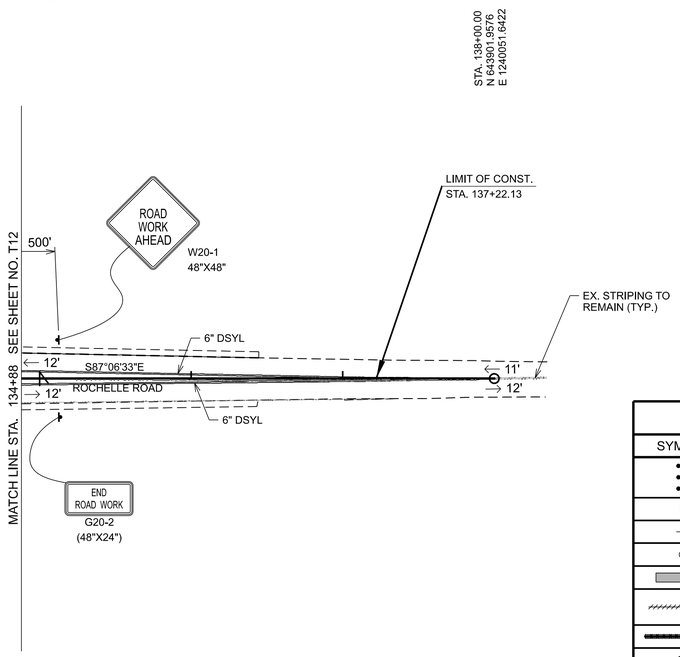
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2024	09S022-S2-005	T14
PLAN-IN-HAND	2025	09S022-S3-005	T14
PS&E	2026	09S022-S3-005	T14

N

135



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	ARROW BOARD TYPE C
	SIGN (CONSTRUCTION)
→	TRAFFIC FLOW
	FLEXIBLE DRUM (CHANNELIZING)
	WORK ZONE
	REMOVE PAVEMENT STRIPING
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COMMERCE
No. 121754
STATE OF TENNESSEE
Jill Claudine Stanko
8/27/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 134+88.00 TO EOC
SCALE: 1" = 50'

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TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	09S022-S3-005	S-1

SWPPP INDEX OF SHEETS

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NOTE: CITATIONS IN PARENTHESIS INDICATE SECTIONS OF THE CURRENT CGP.

1. SWPPP REQUIREMENTS (5.0.)

1.1. HAS THE SWPPP TEMPLATE BEEN PREPARED BY AN INDIVIDUAL THAT HAS THE FOLLOWING LICENSING AND/OR CERTIFICATIONS (5.2)?

☒ YES (CHECK ALL THAT APPLY BELOW) OR ☐ NO

- ☒ CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC)
- ☒ A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT
- ☐ HAS SUCCESSFULLY COMPLETED TDEC LEVEL II COURSE

1.2. DO THE EPSC PLANS INVOLVE STRUCTURAL DESIGN, HYDRAULIC, HYDROLOGIC OR OTHER ENGINEERING CALCULATIONS FOR EPSC STRUCTURAL MEASURES (E.G. SEDIMENT BASINS) (5.2.)? YES ☐ NO ☒

IF YES, HAVE THE EPSC PLANS BEEN PREPARED, STAMPED AND CERTIFIED BY A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT? ☐ YES ☐ NO

1.3. DO THE PROJECT STORMWATER OUTFALLS DISCHARGE INTO THE FOLLOWING (6.4.1.)? ☐ YES (CHECK ALL THAT APPLY BELOW) ☒ NO

- ☐ WATERS WITH UNAVAILABLE PARAMETERS (303d FOR SILTATION)
- ☐ EXCEPTIONAL TENNESSEE WATERS (ETW)

2. SITE DESCRIPTION (5.5.1.)

2.1. PROJECT LIMITS (5.5.1.f): REFER TO TITLE SHEET

2.2. TOTAL PROJECT AREA (5.5.1.b): 13.950 ACRES

2.3. TOTAL AREA TO BE DISTURBED (5.5.1.b): 4.836 ACRES

2.4. PROJECT DESCRIPTION (5.5.1.a):

TITLE: SR 22 INDUSTRIAL ACCESS SUPPORT SERVING FORMULA 2.0 (SR 22 IMPROVEMENTS)
COUNTY: CARROLL
PIN: 133610.00

2.5. SITE MAP(S) (3.2.2.): REFER TO TITLE SHEET

2.6. DESCRIPTION OF EXISTING SITE TOPOGRAPHY (5.5.1.c): REFER TO EXISTING CONTOURS SHEET(S) 17, 17A-17C, DRAINAGE MAP SHEET(S) 10, USGS QUAD MAP, AND THE OUTFALL TABLE IN SECTION 4.2.

2.7. MAJOR SOIL DISTURBING ACTIVITIES (5.5.1.a) (CHECK ALL THAT APPLY):

- ☒ CLEARING AND GRUBBING
- ☒ EXCAVATION
- ☒ CUTTING AND FILLING
- ☒ FINAL GRADING AND SHAPING
- ☒ UTILITIES
- ☐ OTHER (DESCRIBE): _____

2.8. IF 50 ACRES OF DISTURBANCE WILL BE EXCEEDED AT ANY POINT DURING THE LIFESPAN OF THE PROJECT THE FOLLOWING CONDITIONS MUST BE MET (5.5.3.3)

2.8.1. TDEC SHALL BE NOTIFIED. (5.5.3.3.a)

2.8.2. A GEOSPATIAL FILE IDENTIFYING THE PROJECT AREAS BOUNDARIES SHALL BE SUBMITTED TO TDEC. (5.5.3.3.e)

2.8.3. A MONITORING PLAN SHALL BE PREPARED FOR OUTFALLS DRAINING 10 OR MORE ACRES, OR 5 ACRES IF DRAINING TO WATERS WITH UNAVAILABLE PARAMETERS (303d SILTATION) OR AN ETW. (5.5.3.3.f)

2.8.4. INSPECTIONS SHALL BE CONDUCTED TWICE PER WEEK AND FOLLOWING ANY RAINFALL EVENT OF MORE THAN 0.5 INCHES IN 24 HOURS (5.5.3.3.c AND 5.5.3.9).

2.9. ARE THERE ANY SEASONAL LIMITATIONS ON WORK? ☐ YES ☒ NO

IF YES, LIST THE CORRESPONDING PLAN SHEET: _____

2.10. WAS ROW FINALIZED PRIOR TO FEBRUARY 1, 2010 (4.1.2.2)?

☐ YES _____ (DATE) ☒ NO

IF ROW WAS FINALIZED PRIOR TO FEBRUARY 1, 2010, THIS PROJECT IS CONSIDERED A PRE-APPROVED SITE (4.1.2.2)

2.11. SOIL PROPERTIES (5.5.1.d, 5.5.3.3.d, 5.5.3.6.b).

SOIL PROPERTIES FOR THE PRIMARY SOILS ARE LISTED IN THE TABLE BELOW.

SOIL PROPERTIES

PRIMARY SOIL NAME	HSG	% OF SITE	ERODIBILITY (k value)
Fa, FALAYA SILT LOAM, OCCASIONALLY FLOODED	B/D	9.1%	0.55
LeB, LEXINGTON SILT LOAM, 2 TO 5% SLOPES	B	33.0%	0.43
LeC2, LEXINGTON SILT LOAM, 5 TO 8% SLOPES, MODERATELY ERODED	B	23.5%	0.43
LeD2, LEXINGTON SILT LOAM, 8 TO 12% SLOPES ERODED	B	23.4%	0.43
SmD2, SMITHDALE FINE SANDY LOAM, 8 TO 12% SLOPES, ERODED	B	11.0%	0.24

2.12. IS ACID PRODUCING ROCK (APR) (i.e. PYRITE) LOCATED WITHIN THE PROJECT LIMITS? ☐ YES ☒ NO

2.12.1. IF YES TO SECTION 2.13, HAVE APR LOCATIONS BEEN IDENTIFIED WITHIN THE CONSTRUCTION PLANS AND/OR THE GEOTECHNICAL REPORT? ☐ YES ☐ NO; AND

2.12.2. IF YES TO SECTION 2.12.1, HAS A SPECIAL HANDLING PLAN AND/OR ADAPTIVE MANAGEMENT PLAN (AMP) BEEN PREPARED FOR THE PROJECT? ☐YES ☐ NO ☐ N/A (TDOT SP107L WILL BE APPLIED.)

2.13. PROJECT RUNOFF COEFFICIENTS AND AREA PERCENTAGES (5.5.3.6.a).

RUNOFF COEFFICIENTS FOR EXISTING CONDITIONS

AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
PAVEMENT	4.20	30.11		0.85
RESIDENTIAL, 1 ACRE LOTS, B SOIL GROUP, AVERAGE 2-6% SLOPE	3.22	23.08		0.28
RESIDENTIAL, 1 ACRE LOTS, B SOIL GROUP, AVERAGE >6% SLOPE	5.64	40.43		0.34
RESIDENTIAL, 1 ACRE LOTS, B/D SOIL GROUP, AVERAGE 2-6% SLOPE	0.89	6.38		0.28
WEIGHTED C-FACTOR =				0.48

RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS

AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
PAVEMENT	5.81	41.65		0.85
RESIDENTIAL, 1 ACRE LOTS, B SOIL GROUP, AVERAGE 2-6% SLOPE	2.69	19.28		0.28
RESIDENTIAL, 1 ACRE LOTS, B SOIL GROUP, AVERAGE >6% SLOPE	4.71	33.76		0.34
RESIDENTIAL, 1 ACRE LOTS, D SOIL GROUP, AVERAGE 2-6% SLOPE	0.74	5.31		0.28
WEIGHTED C-FACTOR =				0.54

3. ORDER OF CONSTRUCTION ACTIVITIES (5.5.1.a)

CONSTRUCTION SHALL BE SEQUENCED AND STAGED TO: MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED SOIL AREAS, PRESERVE TOPSOIL, AND MINIMIZE SOIL COMPACTION. NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, HAS BEEN ACCEPTED BY THE ENGINEER. THE CONTRACTOR'S EPSC PLAN SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE ORDER OF CONSTRUCTION ACTIVITIES AND THE BASIC EPSC DEVICES DEPICTED ON THE EPSC PLAN CONTAINED WITHIN THE APPROVED SWPPP.

3.1. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS N/A)

3.2. INSTALL STABILIZED CONSTRUCTION EXITS.

3.3. INSTALL PERIMETER PROTECTION WHERE RUNOFF SHEET FLOWS FROM THE SITE.

3.4. INSTALL INITIAL EPSC MEASURES BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CULVERT OR BRIDGE CONSTRUCTION, CUTTING, FILLING, OR ANY OTHER EARTHWORK OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES.

3.5. PERFORM CLEARING AND GRUBBING (NOT MORE THAN TWO WEEKS PRIOR TO GRADING OR EARTH-MOVING. REFER TO THE STABILIZATION PRACTICES BELOW.).

3.6. REMOVE AND STORE TOPSOIL.

3.7. STABILIZE DISTURBED AREAS WITHIN 2 WEEKS OF COMPLETING ANY STAGE AND/OR PHASE OF ACTIVITY (STEEP SLOPES SHALL BE STABILIZED WITHIN 1 WEEK AFTER CONSTRUCTION ACTIVITY HAS TEMPORARY OR PERMANENTLY CEASED).

3.8. INSTALL UTILITIES, STORM SEWERS, CULVERTS AND BRIDGE STRUCTURES. DRAIN EXISTING PONDS, UNDERCUT, AND INSTALL GSR.

3.9. INSTALL INLET AND CULVERT PROTECTION ONCE STRUCTURES ARE IN PLACE AND CAPABLE OF INTERCEPTING FLOW.

3.10. PERFORM FINAL GRADING AND INSTALL BASE STONE.

3.11. COMPLETE FINAL PAVING AND SEALING OF CONCRETE.

3.12. INSTALL TRAFFIC CONTROL AND PROTECTION DEVICES.

3.13. COMPLETE PERMANENT STABILIZATION (TOPSOIL, SEEDING, MULCH, EROSION CONTROL BLANKET, SOD, ETC.)

3.14. REMOVE TEMPORARY EROSION CONTROLS AND ACCUMULATED SEDIMENT FROM AREAS THAT HAVE ESTABLISHED AT LEAST 70 PERCENT UNIFORM PERMANENT VEGETATIVE COVER.

3.15. RE-STABILIZE AREAS DISTURBED BY REMOVAL ACTIVITIES.

4. STREAM, OUTFALL, WETLAND, TMDL AND ECOLOGY INFORMATION

4.1. STREAM INFORMATION (5.5.1.h, 5.5.1.i)

4.1.1. WILL CONSTRUCTION AND/OR EROSION PREVENTION AND SEDIMENT CONTROLS IMPACT ANY STREAMS WITHIN THE PROJECT LIMITS? ☐ YES ☒ NO

IF YES, THE IMPACT(S) HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE WATER QUALITY PERMITS.

4.1.2. HAVE ANY OF THE RECEIVING STATE WATERS LESS THAN OR EQUAL TO 1 FLOW MILE DOWN GRADIENT OF THE PROJECT LIMITS BEEN CLASSIFIED BY TDEC AS FOLLOWS (CHECK ALL THAT APPLY):

- ☐ 303d WITH UNAVAILABLE PARAMETERS FOR SILTATION

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	09S022-S3-005	S-2

☐ EXCEPTIONAL TENNESSEE WATERS (ETW)

4.1.3. RECEIVING WATERS OF THE STATE (5.5.1.h, 5.5.1.j, 5.5.1.k).

RECEIVING WATERS OF THE STATE INFORMATION					
TDOT STATE WATER LABEL FROM EBR	NAME OF RECEIVING STATE WATER	303d WITH UNAVAILABLE PARAMETERS FOR SILTATION (YES OR NO)	ETW (YES OR NO)	LOCATED WITHIN PROJECT LIMITS (YES OR NO)	LOCATED WITHIN ≤ 1 FLOW MILE DOWN GRADIENT OF PROJECT LIMITS (YES OR NO)
STR-1	UNNAMED TRIB TO CROOKED CREEK	NO	NO	YES	YES

4.1.4. RECEIVING WATERS OF THE US (NON STATE WATERS) (4.1.2). LIST ANY FEATURE THAT IS IDENTIFIED AS A WET WEATHER CONVEYANCE (TDEC) AND IDENTIFIED AS WATERS OF THE US BY THE ARMY CORPS OF ENGINEERS.

WET WEATHER CONVEYANCES THAT ARE WATERS OF THE US
WWC-1/EPH-1
WWC-2/EPH-2

4.1.5. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES REQUIRED FOR WATERS OF THE STATE? (5.5.1.l, 6.4.2.)

☐ YES ☒ NO

BUFFER ZONE REQUIREMENTS ARE NOT REQUIRED FOR PRE-APPROVED SITES (4.1.2.2.)

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) _____.

IF YES, CHECK THE APPROPRIATE BOX BELOW FOR SIZE OF BUFFER.

☐ 60-FEET FOR WATERS WITH UNAVAILABLE PARAMETERS AND EXCEPTIONAL TENNESSEE WATERS (ETW) (AVERAGE WIDTH PER SIDE WITH A MINIMUM OF 30-FEET).

A 60 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STATE STREAM WITH THIS DESIGNATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE. THE 60 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 30 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.

☐ 30-FEET FOR ALL OTHER STREAMS (AVERAGE WIDTH PER SIDE WITH A MINIMUM OF 15-FEET).

A 30 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STATE STREAM SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE. THE 30 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.

☐ 15-FEET FOR ANY WET WEATHER CONVEYANCES IDENTIFIED AS WATERS OF THE US BY THE US ARMY CORPS OF ENGINEERS.

4.1.6. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES NOT REQUIRED FOR STATE WATERS DUE TO A TDEC ARAP? (1.5.2.)

☐ YES ☒ NO

4.1.7. ARE THERE WATER QUALITY RIPARIAN BUFFER ZONE EXEMPTIONS? (4.1.2.1.) ☐ YES ☒ NO

IF YES, EXISTING CONDITIONS DESCRIPTION:_____

4.1.8. EVERY ATTEMPT SHOULD BE MADE FOR CONSTRUCTION ACTIVITIES TO NOT TAKE PLACE WITHIN THE WATER QUALITY RIPARIAN BUFFER ZONE AND FOR EXISTING FORESTED AREAS TO BE PRESERVED. (4.1.2., 6.4.2.)

4.1.9. BECAUSE OF HEAVY SEDIMENT LOAD ASSOCIATED WITH CONSTRUCTION SITE RUNOFF, WATER QUALITY RIPARIAN BUFFER ZONES ARE NOT SEDIMENT CONTROL MEASURES AND SHOULD NOT BE RELIED UPON AS PRIMARY SEDIMENT CONTROL MEASURES. THE WATER QUALITY RIPARIAN BUFFER ZONE SHALL BE ESTABLISHED BETWEEN THE TOP OF THE STREAM BANK AND THE DISTURBED CONSTRUCTION AREA.

4.1.10. WHERE IT IS NOT PRACTICABLE TO MAINTAIN A FULL WATER QUALITY RIPARIAN BUFFER, BEST MANAGEMENT PRACTICES (BMPS) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL RIPARIAN ZONE MUST BE USED. A JUSTIFICATION FOR USE AND DESIGN EQUIVALENCY SHALL BE DOCUMENTED WITHIN THE SWPPP. THE ENVIRONMENTAL AND ROADWAY DESIGN DIVISIONS SHALL REVIEW AND APPROVE THIS REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE SITE PROCEEDS, UNLESS PREVIOUSLY EXEMPT IN THE NPDES CGP. WHERE ISSUED, ARAP/401 REQUIREMENTS WILL PREVAIL IF IN CONFLICT WITH THESE BUFFER ZONE REQUIREMENTS.

4.2. OUTFALL INFORMATION

4.2.1. OUTFALL TABLE (5.5.1.c). SEE SWPPP SHEET S-8 FOR OUTFALL INFORMATION.

4.2.2. HAVE ALL OUTFALLS BEEN LABELED ON THE EPSC PLAN SHEETS (5.5.1.f)? ☒ YES ☐ NO

4.2.3. HAVE ALL OUTFALLS BEEN LABELED ON A USGS TOPOGRAPHIC MAP INCLUDED IN THE "DOCUMENTATION AND PERMITS" BINDER (3.2.2.)? ☒YES ☐ NO

4.2.4. WHERE POSSIBLE, HAS NON-PROJECT RUN-ON BEEN DIVERTED AROUND OR THROUGH THE PROJECT TO ELIMINATE CONTACT WITH DISTURBED AREAS OF THE PROJECT AND SEPARATE IT FROM PROJECT RUN-OFF THEREBY REDUCING THE DRAINAGE AREA OF TO THE OUTFALLS IN THIS AREA?

☒ YES ☐ NO ☐ N/A

4.2.5. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN(S) OR SEDIMENT TRAP(S)? (5.5.3.5.)

☐ YES ☐ NO ☒ N/A

4.2.6. A SEDIMENT BASIN, OR EQUIVALENT MEASURE(S) WILL BE PROVIDED FOR ANY OUTFALL IN A DRAINAGE AREA:

OF TEN ACRES OR MORE FOR AN OUTFALL(S) THAT DOES NOT DISCHARGE TO A STATE STREAM WITH UNAVAILABLE PARAMETERS OR EXCEPTIONAL TENNESSEE WATERS (ETW). A TEMPORARY (OR PERMANENT) SEDIMENT BASIN OR EQUIVALENT CONTROL MEASURES THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A MINIMUM 2-YEAR/ 24-HOUR STORM EVENT, SHALL BE PROVIDED UNTIL PERMANENT STABILIZATION OF THE SITE. (5.5.3.5)

OR

OF FIVE ACRES OR MORE FOR AN OUTFALL(S) THAT DISCHARGES TO A STATE STREAM WITH UNAVAILABLE PARAMETERS OR EXCEPTIONAL TENNESSEE WATERS (ETW). A TEMPORARY (OR PERMANENT) SEDIMENT BASIN THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A 5-YEAR/ 24-HOUR STORM EVENT AND RUNOFF FROM EACH ACRE DRAINED, OR EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL PERMANENT STABILIZATION OF THE SITE. (6.4.1.e).

ALL CALCULATIONS RELATED TO DRAINAGE AREAS, RUNOFF COEFFICIENTS, BASIN VOLUMES AND EQUIVALENT CONTROL MEASURES MUST BE PROVIDED IN THE SWPPP (5.5.3.5.)

4.2.7. A SEDIMENT TRAP, OR EQUIVALENT MEASURE(S) WILL BE PROVIDED FOR ANY OUTFALL IN A DRAINAGE AREA:

OF 3.5 - 4.9 ACRES FOR AN OUTFALL(S) THAT DISCHARGES TO A STATE STREAM WITH UNAVAILABLE PARAMETERS (303d SILTATION) OR EXCEPTIONAL TENNESSEE WATERS (ETW). A SEDIMENT TRAP THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A 5-YEAR/24-HOUR STORM EVENT AND RUNOFF FROM EACH ACRE DRAINED, OR EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL PERMANENT STABILIZATION OF THE SITE. (6.4.1.f).

IN BOTH INSTANCES, THE ENVIRONMENTAL AND ROADWAY DESIGN DIVISIONS MAY BE CONTACTED TO REVIEW AND CONCUR WITH ANY REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE OUTFALL PROCEEDS.

4.2.8. SEDIMENT STRUCTURES TREATING DRAINAGE AREAS IN EXCESS OF 25 ACRES REQUIRE A SITE-SPECIFIC DESIGN THAT ACCURATELY DEFINES THE SITE HYDROLOGY, SITE-SPECIFIC SEDIMENT LOADING, HYDRAULICS OF THE SITE, AND ADHERES TO ALL TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK DESIGN RECOMMENDATIONS FOR SEDIMENT BASINS. (5.5.3.5.)

4.3. WETLAND INFORMATION

WILL CONSTRUCTION AND/OR EROSION AND SEDIMENT CONTROLS IMPACT ANY WETLANDS? ☐ YES ☒ NO

IF YES, THE STRUCTURAL EPSC MEASURES HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND IN THE WATER QUALITY PERMITS.

WETLAND INFORMATION				
TDOT WETLAND LABEL	FROM STATION LT OR RT	TO STATION LT OR RT	TEMPORARY IMPACTS (AC)	PERMANENT IMPACTS (AC)
WTL-1	244+24.00 LT	245+25 LT	0.00	0.00

4.4. TOTAL MAXIMUM DAILY LOADS (TMDL) INFORMATION (1.3.j)

4.4.1. IS THIS PROJECT LOCATED IN A HUC-8 WATERSHED THAT MAINTAINS AN EPA APPROVED TMDL FOR SILTATION AND HABITAT ALTERATION?

☐YES ☒ NO

4.4.2. IF YES, IS THIS PROJECT LOCATED WITHIN A HUC-12 SUBWATERSHED WITH A WASTE LOAD ALLOCATION (WLA)?

☐ YES ☐ NO

4.4.3. IF YES, DOES THE PROJECT HAVE A DIRECT DISCHARGE TO A 303(d) LISTED STREAM FOR SILTATION?

☐ YES ☐ NO

IF YES, SWPPP INCORPORATES MEASURES OR CONTROLS CONSISTENT WITH THE ASSUMPTIONS AND REQUIREMENTS OF THE TMDL.

4.5. ECOLOGY INFORMATION (3.5.5.e)

DOES THE TDOT ENVIRONMENTAL BOUNDARIES REPORT SPECIFY SPECIAL NOTES TO BE ADDED TO THE PLAN SHEETS?

☐ YES ☒ NO

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) _____.

4.6. ENVIRONMENTAL COMMITMENTS

ARE THERE ANY NOTES ON THE ENVIRONMENTAL COMMITMENT SHEET?

☐ YES ☒ NO

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) N/A.

5. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (5.5.3.)

5.1. EPSC MEASURES MUST BE DESIGNED, INSTALLED AND MAINTAINED TO CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE EROSION (4.1.1).

5.2. EPSC MEASURES MUST CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOWS AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS, STREAM CHANNELS, AND STREAM BANKS. (4.1.1)

5.3. HAVE THE CONTROL MEASURES BEEN DESIGNED PER THE SIZE AND SLOPE OF THE DISTURBED DRAINAGE AREA (5.5.3.5.)?

☒YES ☐ NO

5.4. THE CONTROL MEASURES HAVE, AT A MINIMUM, BEEN DESIGNED FOR THE 5-YEAR, 24 HOUR STORM EVENT (5.5.3.5., 6.4.1.b).

5.5. ARE THE LIMITS OF DISTURBANCE CLEARLY MARKED ON THE EPSC PLANS (5.5.1.f)? ☒ YES ☐ NO

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TENNESSEE D.O.T.	DESIGN DIVISION	FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	09S022-S3-005	S-3

5.6. AREAS TO BE UNDISTURBED SHALL BE CLEARLY MARKED IN THE FIELD BEFORE CONSTRUCTION ACTIVITIES BEGIN.

5.7. UNLESS OTHERWISE NOTED IN THE PLANS, THE CONTRACTOR SHALL NOT CLEAR/DISTURB ANY AREA BEYOND 15 FEET FROM SLOPE LINES OR ROW/ EASEMENT LINE, WHICHEVER IS LESSER.

5.8. CLEARING, GRUBBING, AND OTHER DISTURBANCE TO RIPARIAN VEGETATION SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR SLOPE CONSTRUCTION AND EQUIPMENT OPERATIONS. EXISTING VEGETATION, INCLUDING STREAM AND WETLAND BUFFERS (UNLESS PERMITTED), SHOULD BE PRESERVED TO THE MAXIMUM EXTENT POSSIBLE. UNNECESSARY VEGETATION REMOVAL IS PROHIBITED.

5.9. HAS A THREE-STAGED EPSC PLAN BEEN PREPARED FOR THE PROJECT (5.5.2.)?

YES ☒ NO ☐

PLEASE NOTE THAT A THREE STAGED EPSC PLAN IS REQUIRED FOR ALL TDOT PROJECTS FOR WHICH AN NPDES PERMIT IS REQUIRED.

5.10. STEEP SLOPES ARE DEFINED AS A NATURAL OR CREATED SLOPE OF 35% GRADE OR GREATER REGARDLESS OF HEIGHT. HAVE STEEP SLOPES BEEN MINIMALLY DISTURBED AND/OR PROTECTED BY CONVEYING RUNOFF NON-EROSIVELY AROUND OR OVER THE SLOPE (5.5.3.4.) (10. "STEEP SLOPE")? ☐ YES ☐ NO ☒ N/A

5.11. THE STRUCTURAL EPSC MEASURES HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE AQUATIC RESOURCE ALTERATION (ARAP) PERMIT OR SECTION 401 CERTIFICATION (5.5.1.h). REFER TO THE LIST OF APPLICABLE ENVIRONMENTAL PERMITS LOCATED ON SWPPP SHEET 7. ALL PERMITS WILL BE MAINTAINED ON SITE WITHIN THE "DOCUMENTATION AND PERMITS" BINDER.

5.12. THE EPSC CONTROL MEASURES LISTED IN THE QUANTITIES TABLE ON SHEET 16 HAVE BEEN SELECTED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES (5.1., 5.5.3.1.b, 5.5.3.5.).

5.13. EPSC MEASURES SHALL BE INSTALLED PER TDOT STANDARDS (i.e. STANDARD DRAWINGS) AND SHALL BE FUNCTIONAL PRIOR TO ANY EARTH-MOVING OPERATIONS.

5.14. EPSC MEASURES WILL NOT BE INSTALLED WITHIN A STREAM WITHOUT FIRST OBTAINING APPROVAL FROM THE PERMITS SECTION.

5.15. TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT MUST BE REINSTALLED AT THE END OF THE WORKDAY OR BEFORE A PRECIPITATION EVENT.

5.16. EPSC MEASURES LOCATED IN WOTUS (EPHEMERAL STREAMS) MUST BE CONSIDERED TEMPORARY AND SHALL BE REMOVED AT THE END OF CONSTRUCTION.

5.17. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFF-SITE 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 PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED TO A LEVEL SUFFICIENT TO MINIMIZE OFF-SITE 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 SETTLED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT. SEDIMENT THAT MIGRATES INTO WATERS OF THE STATE/US SHALL NOT BE REMOVED WITHOUT GUIDANCE FROM TDOT ENVIRONMENTAL PERSONNEL.

5.18. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION EXIT (A POINT OF ENTRANCE/EXIT TO THE CONSTRUCTION PROJECT) SHALL BE PROVIDED TO REDUCE THE TRACKING OF MUD AND DIRT ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.

5.19. THE QUANTITIES REQUIRED FOR STABILIZED CONSTRUCTION EXITS PER TDOT STANDARDS HAVE BEEN SPECIFIED ON SHEET 2 (5.5.3.1.j).

5.20. DISCHARGES FROM DEWATERING ACTIVITIES ARE PROHIBITED UNLESS MANAGED BY APPROPRIATE CONTROLS THAT PROVIDE THE LEVEL OF TREATMENT (FILTRATION) NECESSARY TO COMPLY WITH PERMIT REQUIREMENTS. (4.1.3.).

5.21. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE OR WELL VEGETATED OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT.

5.22. DISCHARGES FROM SEDIMENT BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE, WELL- VEGETATED AND/OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT. (5.5.3.5.).

5.23. THE DEWATERING OF WORK AREAS, TRENCHES, FOUNDATIONS, EXCAVATIONS, ETC. THAT HAVE COLLECTED STORMWATER, WATER FROM VEHICLE WASH AREAS, OR GROUNDWATER SHALL BE EITHER HELD IN SETTLING BASINS OR TREATED BY FILTRATION AND/OR CHEMICAL TREATMENT PRIOR TO ITS DISCHARGE. ALL CHEMICAL TREATMENTS MUST BE APPLIED PER SECTION 6 FLOCCULANTS.

5.24. WATER DISCHARGED FROM DEWATERING ACTIVITIES SHALL NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING NATURAL RESOURCE. WATER MUST BE HELD WITHIN SETTLING BASINS UNTIL IT IS AT LEAST AS CLEAR AS THE RECEIVING WATERS.

5.25. DEWATERING STRUCTURES, SEDIMENT FILTER BAGS, SEDIMENT BASINS AND TRAPS SHALL NOT BE LOCATED CLOSER THAN 30 FEET (60 FEET DESIRABLE VEGETATIVE BUFFER) FOR WATERS WITH UNAVAILABLE PARAMETERS AND EXCEPTIONAL TENNESSEE WATERS (ETW) AND 15 FEET (30 FEET DESIRABLE VEGETATIVE BUFFER) FOR ALL OTHER FEATURES FROM THE TOP BANK OF A STREAM, WOTUS (EPHEMERAL), WETLAND OR OTHER NATURAL RESOURCE AND SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED.

5.26. STABILIZATION PRACTICES: PRE-CONSTRUCTION VEGETATIVE COVER WILL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 2 WEEKS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA WILL BE SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED (5.5.3.5.f).

5.27. STABILIZATION MEASURES WILL BE INITIATED AS SOON AS POSSIBLE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY OR PERMANENT STABILIZATION WILL BE COMPLETED WITHIN 2 WEEKS AFTER ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IN THAT AREA. PERMANENT STABILIZATION WILL REPLACE TEMPORARY MEASURES AS SOON AS PRACTICABLE (5.5.3.4.).

5.28. PRIORITY SHALL BE GIVEN TO FINISHING OPERATIONS AND PERMANENT EPSC MEASURES OVER TEMPORARY EPSC MEASURES ON ALL PROJECTS. UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE

5.29. DELAYING THE PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS OR DRY MONTHS SHOULD BE AVOIDED, IF POSSIBLE.

5.30. STEEP SLOPES SHALL BE TEMPORARILY STABILIZED NOT LATER THAN 1 WEEK AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED. (5.5.3.4.).

6. FLOCCULANTS (3.5.3.1.b)

IS ADDITIONAL PHYSICAL OR CHEMICAL TREATMENT OF STORMWATER RUNOFF NECESSARY (5.5.3.5.)? ☐ YES ☒ NO

IF YES, THE FOLLOWING NOTES APPLY:

6.1. ENSURE THE FLOCCULANT EMULSIONS AND POWDERS ARE OF THE ANIONIC TYPE (5.5.3.5.). AND MEET THE FOLLOWING REQUIREMENTS:

6.1.1. MEETS THE EPA AND FDA ACRYLAMIDE MONOMER LIMITS OF EQUAL TO OR GREATER THAN 0.005% ACRYLAMIDE MONOMER.

6.1.2. HAS A DENSITY OF 10% TO 55% BY WEIGHT AND A MOLECULAR WEIGHT OF 16 TO 24 MG/MOLE (MILLIGRAM PER MOLE).

6.1.3. MIXTURE IS NON-COMBUSTIBLE.

6.1.4. CONTAINS ONLY MANUFACTURER'S RECOMMENDED ADDITIVES.

6.2. FLOCCULANT SHALL BE MIXED AND APPLIED IN ACCORDANCE WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) MATERIAL SAFETY DATA SHEET REQUIREMENTS AND THE MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIED USES CONFORMING TO ALL FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS.

6.3. ALL VENDORS AND SUPPLIERS OF FLOCCULANT BLENDS SHALL PRESENT OR SUPPLY A WRITTEN TOXICITY REPORT WHICH VERIFIES ACCEPTABLE TOXICITY PARAMETERS WHICH MEET OR EXCEED THE EPS REQUIREMENTS FOR THE STATE AND FEDERAL WATER QUALITY STANDARDS. WHOLE EFFLUENT TESTING DOES NOT MEET THIS REQUIREMENT AS PRIMARY REACTIONS HAVE OCCURRED AND TOXIC POTENTIALS HAVE BEEN REDUCED. CATIONIC FORMS OF FLOCCULANTS ARE NOT ALLOWED UNDER THIS SECTION DUE TO HIGH LEVELS OF TOXICITY TO AQUATIC ORGANISMS. FLOCCULANT EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN WATERS DUE TO SURFACTANT TOXICITY. THE CONTRACTOR MUST SEEK THE APPROVAL OF THE EPSC DESIGN ENGINEER AND TDOT IF CHITOSAN IS PROPOSED FOR THIS PROJECT.

6.4. ALL VENDORS AND SUPPLIERS OF FLOCCULANT BLENDS SHALL SUPPLY WRITTEN "SITE SPECIFIC" TESTING RESULTS DEMONSTRATING A PERFORMANCE OF 95% OR GREATER REDUCTION OF NTU OR TSS FROM STORMWATER DISCHARGES.

6.5. EMULSION BATCHES SHALL BE MIXED FOLLOWING RECOMMENDATIONS OF THE TESTING LABORATORY THAT DETERMINES THE PROPER PRODUCT AND RATE TO MEET SITE REQUIREMENTS. APPLICATION METHODS SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA. EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN BUFFERS.

6.6. FLOCCULANT POWDER MAY BE APPLIED BY A HAND OR MECHANICAL SPREADER. MIXING OF THE FLOCCULANT POWDER WITH DRY SILICA SAND WILL AID IN SPREADING.

6.7. PREMIXING OF FLOCCULANT POWDER INTO FERTILIZER, SEED, OR OTHER SOIL AMENDMENTS IS ALLOWED WHEN SPECIFIED IN THE DESIGN PLAN. APPLICATION METHOD SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA.

6.8. FLOCCULANT LOGS OR BLOCKS SHALL BE APPLIED FOLLOWING SITE TESTING RESULTS TO ENSURE PROPER PLACEMENT AND PERFORMANCE AND SHALL MEET OR EXCEED STATE AND FEDERAL WATER QUALITY REQUIREMENTS.

6.9. DO NOT APPLY FLOCCULANTS DIRECTLY TO, OR WITHIN 60 FEET, OF ANY STREAMS, WETLANDS, OR OTHER NATURAL WATER RESOURCE LOCATED ON OR ADJACENT TO THE CONSTRUCTION SITE. DO NOT APPLY FLOCCULANTS DIRECTLY INTO WATERS CONTAINED WITHIN SEDIMENT PONDS OR TO SLOPES THAT PRODUCE RUNOFF DIRECTLY INTO A STREAM, WETLAND, OR OTHER NATURAL WATER RESOURCE. DO NOT APPLY FLOCCULANTS IMMEDIATELY AT A STORMWATER OUTFALL WHERE RUNOFF LEAVES THE PROJECT LIMITS.

7. UTILITY RELOCATION

ARE UTILITIES INCLUDED IN THE CONTRACT? ☒ YES ☐ NO

IF YES, THE FOLLOWING APPLY:

7.1. STORMWATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG AND TREATED PRIOR TO DISCHARGE.

7.2. SILT FENCE SHALL BE INSTALLED ON THE DOWNGRADIENT SIDE OF STOCKPILED SOIL. ANY TRENCHING ACROSS WET WEATHER CONVEYANCES SHALL BE DONE DURING DRY CONDITIONS, REMOVED AND STABILIZED BY THE END OF THE WORK DAY.

7.3. UTILITY CROSSINGS IN ENVIRONMENTAL FEATURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. ENVIRONMENTAL PERMITS APPLY TO UTILITIES IN THIS PROJECT. THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMITS.

7.4. IT IS THE RESPONSIBILITY OF THE STATE UTILITY CONTRACTOR TO PROTECT EXPOSED EARTH FROM EROSION AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE EPSC MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF THEIR WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME, SHALL EXPOSED EARTH RESULTING FROM THEIR OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND ENTERING WATERS OF THE STATE/U.S.

7.5. FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN FOURTEEN DAYS AFTER BEING BACKFILLED. ANY TEMPORARY SPOILS OF EXCAVATED EARTH SHALL BE LOCATED WITHIN TDOT EPSC MEASURES OR RECEIVE SEPARATE EPSC MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT,

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APPROPRIATE EPSC MEASURES WILL BE INSTALLED BY THE STATE UTILITY CONTRACTOR UNTIL THE TRENCH IS BACKFILLED.

7.6. IN REGARDS TO EPSC, TDEC REGULATIONS APPLY TO THE STATE UTILITY CONTRACTORS ON THIS PROJECT. THE STATE CONTRACTOR IS RESPONSIBLE FOR EPSC MEASURES RELATED TO UTILITY CONSTRUCTION INCLUDED IN THE STATE CONTRACT.

7.7. TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORMWATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EPSC MEASURES MAY BE REQUIRED TO BE INSTALLED AS APPROVED BY THE TDOT PROJECT ENGINEER.

7.8. FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE TDOT RIGHT-OF-WAY, EPSC MEASURES SHALL BE INSTALLED PRIOR TO CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. THESE EPSC MEASURES SHALL REMAIN UNTIL THE BACKFILLED TRENCH IS STABILIZED WITH PERMANENT VEGETATIVE COVER.

7.9. THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS AS APPROVED BY THE TDOT RESPONSIBLE PARTY.

7.10. THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EPSC MEASURES TO REPLACE ONSITE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT ENGINEER BEFORE COMMENCING WORK.

7.11. FOR UTILITY CROSSINGS THAT UTILIZE HORIZONTAL DIRECTIONAL DRILLING THE FOLLOWING SHALL APPLY:

7.11.1. THE ENTRY AND EXIT POINTS SHALL BE AT LEAST 50 FEET FROM THE STREAM BANK OR WETLAND BOUNDARY.

7.11.2. THE DEPTH OF BORE BELOW THE STREAMBED IS SUFFICIENT TO PREVENT RELEASE OF DRILLING FLUID, BASED ON THE PARENT MATERIAL.

7.11.3. A SITE-SPECIFIC CONTINGENCY AND CONTAINMENT PLAN FOR INADVERTENT RELEASE OF DRILLING FLUID SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT OF WORK. THIS PLAN SHALL BE SUBMITTED TO THE TDOT PROJECT ENGINEER AND THE TDOT ENVIRONMENTAL DIVISION PERMITS AND/OR COMPLIANCE AND FIELD SERVICES OFFICE FOR REVIEW AND APPROVAL.

8. MAINTENANCE AND INSPECTION

8.1. INSPECTION PRACTICES (5.5.3.9.)

8.1.1. PROJECT EPSC INSPECTORS AND ENGINEERS (INCLUDING TDOT STAFF, CONSULTANTS AND CONTRACTOR STAFF) RESPONSIBLE FOR THE INSPECTION, IMPLEMENTATION, MAINTENANCE. AND/OR REPAIR OF EPSC MEASURES SHALL MEET ONE OF THE FOLLOWING REQUIREMENTS (5.5.3.10.):

8.1.1.1. SUCCESSFULLY COMPLETED THE TDOT EPSC INSPECTIONS TRAINING AND ANY RECERTIFICATION COURSE AS REQUIRED.

8.1.1.2. SUCCESSFULLY COMPLETED THE TDEC “LEVEL I - FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL” COURSE AND ANY RECERTIFICATION COURSES AS REQUIRED.

8.1.1.3. BE A CURRENT TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT.

8.1.1.4. BE A CURRENT CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC).

8.1.1.5. SUCCESSFULLY COMPLETED TDEC “LEVEL II – DESIGN PRINCIPLES FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES” COURSE AND ANY RECERTIFICATION COURSE AS REQUIRED.

8.1.2. THE TDOT CONSTRUCTION ENGINEER (OR THEIR DULY AUTHORIZED REPRESENTATIVE) AND THE CONTRACTOR’S SITE SUPERINTENDENT ARE RESPONSIBLE FOR INSPECTIONS. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE TDOT CONSTRUCTION ENGINEER OR THEIR DULY AUTHORIZED REPRESENTATIVE SHALL COMPLETE THE EPSC INSPECTION REPORTS AND DISTRIBUTE COPIES PER THE CONTRACT.

8.1.3. THE INSPECTOR SHALL CONDUCT PRE-CONSTRUCTION INSPECTIONS TO VERIFY AREAS THAT ARE NOT TO BE DISTURBED HAVE BEEN MARKED IN THE SWPPP AND IN THE FIELD BEFORE LAND DISTURBANCE ACTIVITIES BEGIN AND INITIAL MEASURES HAVE BEEN INSTALLED (10 “INSPECTOR”) (5.5.1.f).

8.1.4. EPSC CONTROLS SHALL BE INSPECTED TO VERIFY MEASURES HAVE BEEN INSTALLED AND MAINTAINED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS, SPECIFICATIONS, AND GOOD ENGINEERING PRACTICES. EPSC INSPECTIONS SHALL BE DOCUMENTED ON THE TDOT EPSC INSPECTION REPORT FORM AND THE TDEC CONSTRUCTION STORMWATER INSPECTION CERTIFICATION (TWICE-WEEKLY INSPECTIONS) FORM.

8.1.5. OUTFALL POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING EROSION AND CONTROLLING SEDIMENT INCLUDING SIGNIFICANT IMPACTS TO SURROUNDING STATE WATERS, WOTUS (EPHEMERAL), WETLANDS, OTHER NATURAL RESOURCES AND ADJACENT PROPERTY OWNERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWN GRADIENT LOCATIONS SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE ROADWAY SEDIMENT TRACKING.

8.1.6. INSPECTIONS WILL BE CONDUCTED AT LEAST TWICE EVERY CALENDAR WEEK AND AT LEAST 72 HOURS APART (5.5.3.11.a). A CALENDAR WEEK IS DEFINED AS SUNDAY THROUGH SATURDAY. QUALITY ASSURANCE INSPECTIONS OF TDOT EPSC, NPDES AND WATER QUALITY PERMIT REQUIREMENTS SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE.

8.1.7. ON PROJECTS WHERE THE PERMITTEE CHOOSES TO DISTURB MORE THAN 50 ACRES AT ONE TIME, INSPECTIONS WILL BE CONDUCTED TWICE PER WEEK AND FOLLOWING ANY RAINFALL EVENT OF MORE THAN 0.5 INCHES IN 24 HOURS. (5.5.3.3.c)

8.1.8. THE FREQUENCY OF EPSC INSPECTIONS MAY BE REDUCED TO ONCE A MONTH WHERE SITES OR PORTIONS OF SITES HAVE BEEN TEMPORARILY STABILIZED UNTIL CONSTRUCTION ACTIVITIES RESUME WITH WRITTEN NOTIFICATION BY THE TDOT REGIONAL ENGINEER TO TDEC NASHVILLE CENTRAL OFFICE AND SUBSEQUENT TDEC APPROVAL. WRITTEN NOTIFICATION MUST INCLUDE THE INTENT TO CHANGE FREQUENCY AND JUSTIFICATION (5.5.3.11.a).

8.1.9. ALL DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED, AREAS USED FOR MATERIAL STORAGE THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND EACH OUTFALL WILL BE INSPECTED (5.5.3.11.b).

8.1.10. THE INSPECTOR WILL OVERSEE THE REQUIREMENTS OF OTHER CONSTRUCTION-RELATED WATER QUALITY PERMITS (I.E. TDEC ARAP, USACE SECTION 404, AND TVA SECTION 26a PERMITS) FOR CONSTRUCTION ACTIVITIES AROUND WATERS OF THE STATE (10 “INSPECTOR”).

8.1.11. THE SWPPP WILL BE REVISED AS NECESSARY BASED ON THE RESULTS OF THE INSPECTION. REVISION(S) WILL BE RECORDED WITHIN 1 WEEK OF THE INSPECTION. REVISION(S) WILL BE IMPLEMENTED WITHIN 2 WEEKS OF THE INSPECTION (5.5.3.11.e AND 5.5.3.11.f).

8.1.12. DOCUMENTATION OF INSPECTIONS WILL BE MAINTAINED ON SITE IN THE “DOCUMENTATION AND PERMITS” BINDER. REPORTS WILL BE SUBMITTED TO THE TDOT PROJECT ENGINEER PER THE CONTRACT.

8.1.13. THESE INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE AREAS OF THE SITE THAT HAVE MET PERMANENT STABILIZATION REQUIREMENTS AND HAVE BEEN NOTED IN THE SWPPP.

8.1.14. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION TO THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF THIS PERMIT AND ANY OTHER APPLICABLE ACTS OR RULES (5.5.3.11.h).

8.2. DULY AUTHORIZED REPRESENTATIVE (8.7.3.)

THE PROJECT ENGINEER MAY DELEGATE AN INDIVIDUAL AND/OR CONSULTANT TO SIGN EPSC INSPECTIONS REPORTS. FOR SATISFYING SIGNATORY REQUIREMENTS FOR EPSC INSPECTION REPORTS, THE PROJECT ENGINEER AND NEWLY AUTHORIZED INDIVIDUAL ACCEPTING RESPONSIBILITY MUST COMPLETE AND SIGN THE TDOT CONSTRUCTION DIVISION EPSC DELEGATION OF AUTHORITY.

8.3. MAINTENANCE PRACTICES (5.1 AND 8.13.)

8.3.1. ALL CONTROLS WILL BE MAINTAINED IN GOOD AND EFFECTIVE OPERATING ORDER AND IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES. (5.1. AND 5.5.3.1.b)

8.3.2. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.

8.3.3. UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT, IF POSSIBLE, BUT IN NO CASE, MORE THAN 24 HOURS AFTER THE INSPECTION OR WHEN THE CONDITION IS IDENTIFIED. IF THE REPAIR, REPLACEMENT OR MODIFICATION IS NOT PRACTICAL WITHIN THE 24-HOUR TIMEFRAME, WRITTEN DOCUMENTATION PROVIDED BY THE CONTRACTOR SHALL BE PLACED IN THE FIELD DIARY AND EPSC INSPECTION REPORT. AN ESTIMATED REPAIR, REPLACEMENT OR MODIFICATION SCHEDULE SHALL BE DOCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION. (5.5.3.11.e).

8.3.4. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES (SEDIMENT TRAPS, SILT FENCE, SEDIMENT BASINS, OTHER CONTROLS, ETC.) WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%). (5.5.3.1.d).

8.3.5. DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT STRUCTURAL COMPONENTS OF EPSC MEASURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE EPSC MEASURES AT THE CONTRACTOR'S OWN EXPENSE.

8.3.6. CHECK DAMS WILL BE INSPECTED FOR STABILITY. SEDIMENT WILL BE REMOVED WHEN DEPTH REACHES ONE-HALF (½) THE HEIGHT OF THE DAM.

8.3.7. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES SHALL BE PLACED AND TREATED IN A MANNER SO THAT THE SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS, DOES NOT MIGRATE INTO FEATURES REMOVED FROM, AND DOES NOT MIGRATE ONTO ADJACENT PROPERTIES AND/OR INTO WATERS OF THE STATE/U.S.

8.3.8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFF THE SITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EROSION CONTROL WILL BE REMOVED (5.5.3.7.a).

8.3.9. ALL SEEDED AREAS WILL BE CHECKED FOR BARE SPOTS, EROSION WASHOUTS, AND VIGOROUS GROWTH FREE OF SIGNIFICANT WEED INFESTATIONS.

9. SITE ASSESSMENTS (5.5.3.8.)

QUALITY ASSURANCE SITE ASSESSMENTS OF EROSION PREVENTION AND SEDIMENT CONTROLS SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE GUIDELINES.

10. STORMWATER MANAGEMENT (5.5.3.11.h)

10.1. STORMWATER MANAGEMENT WILL BE HANDLED BY TEMPORARY CONTROLS OUTLINED IN THIS SWPPP AND ANY PERMANENT CONTROLS NEEDED TO MEET PERMANENT STORMWATER MANAGEMENT NEEDS IN THE POST CONSTRUCTION PERIOD. PERMANENT CONTROLS WILL BE DEPICTED ON THE PLANS AND NOTED AS PERMANENT.

10.2. DESCRIBE ANY SPECIFIC POST-CONSTRUCTION MEASURES THAT WILL CONTROL VELOCITY, POLLUTANTS, AND/OR EROSION (5.5.3.6.c): INSTALLATION OF SOD, SEED AND MULCH, AND CHECK DAMS

10.3. OTHER ITEMS NEEDING CONTROL (5.5.3.7.)

CONSTRUCTION MATERIALS: THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE CONSTRUCTION PERIOD. (CHECK ALL THAT APPLY).

☒ LUMBER, GUARDRAIL, TRAFFIC CONTROL DEVICES
☒ CONCRETE WASHOUT
☒ PIPE CULVERTS (I.E. CONCRETE, CORRUGATED METAL, HDPE, ETC.)
☒ MINERAL AGGREGATES, ASPHALT
☒ EARTH
☒ LIQUID TRAFFIC STRIPING MATERIALS, PAINT

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☒ ROCK
☒ CURING COMPOUND
☒ EXPLOSIVES
☐ OTHER _____

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

10.4. WASTE MATERIALS (5.5.3.7.c)

WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH THE TDOT CONSTRUCTION CONTRACT AND FEDERAL AND STATE REGULATIONS. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN 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.

10.5. HAZARDOUS WASTE (5.5.3.7.c) (8.8)

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S ON-SITE REPRESENTATIVE WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.

10.6. SANITARY WASTE (5.5.3.7.b)

PORTABLE SANITARY FACILITIES WILL BE PROVIDED ON ALL CONSTRUCTION SITES. SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY LOCAL REGULATIONS. THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.

10.7. OTHER MATERIALS

THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE CONSTRUCTION PERIOD. (CHECK ALL THAT APPLY).

☒ FERTILIZERS AND LIME
☒ PESTICIDES AND/OR HERBICIDES
☒ DIESEL AND GASOLINE
☒ MACHINERY LUBRICANTS (OIL AND GREASE)

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

11. NON-STORMWATER DISCHARGES (5.5.3.12.)

11.1. THE FOLLOWING NON-STORMWATER DISCHARGES ARE ANTICIPATED DURING THE CONSTRUCTION OF THIS PROJECT (CHECK ALL THAT APPLY):

☒ DEWATERING OF WORK AREAS OF COLLECTED STORMWATER AND GROUND WATER.
☐ WATERS USED TO WASH VEHICLES (OF DUST AND SOIL) WHERE DETERGENTS ARE NOT USED AND DETENTION AND/OR FILTERING IS PROVIDED BEFORE THE WATER LEAVES THE SITE.
☒ WATER USED TO CONTROL DUST. (3.5.3.1.n)
☐ POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHING FROM WHICH CHLORINE HAS BEEN REMOVED TO THE MAXIMUM EXTENT PRACTICABLE.
☐ UNCONTAMINATED GROUNDWATER OR SPRING WATER.
☐ FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH POLLUTANTS.
☐ OTHER:

11.2. ALL ALLOWABLE NON-STORMWATER DISCHARGES WILL BE DIRECTED TO STABLE DISCHARGE STRUCTURES PRIOR TO LEAVING THE SITE. FILTERING OR CHEMICAL TREATMENT MAY BE NECESSARY PRIOR TO DISCHARGE. ALL CHEMICAL TREATMENTS MUST BE APPLIED PER SECTION 6 FLOCCULANTS.

11.3. THE DESIGN OF ALL IMPACTED EPSC MEASURES RECEIVING FLOW FROM ALLOWABLE NON-STORMWATER DISCHARGES MUST BE DESIGNED TO HANDLE THE VOLUME OF THE NON-STORMWATER COMPONENT.

11.4. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS WILL NOT BE PERMITTED ON-SITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.

11.5. ARE ANY DISCHARGES ASSOCIATED WITH INDUSTRIAL (NON-CONSTRUCTION STORMWATER) ACTIVITY EXPECTED (5.5.1.g)?

☐ YES ☒ NO

IF YES, SPECIFY THE LOCATION OF THE ACTIVITY AND ITS PERMIT NUMBER: _____

12. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (5.5.3.7.c, 6.1)

12.1. SPILL PREVENTION (5.5.3.7.c)

12.1.1. CONTRACTOR'S BULK FUEL AND PETROLEUM PRODUCTS STORED ON-SITE OR ADJACENT TO THE R.O.W. IN ABOVE GROUND STORAGE TANKS WITH AGGREGATE STORAGE CAPACITY IN EXCESS OF 1,320 GALLONS SHALL HAVE SECONDARY CONTAINMENT.

12.1.2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN AS REQUIRED BY TDOT SPECIAL PROVISION 107FP (REGARDING WATER QUALITY AND STORM WATER PERMITS) AND THE LAW PRIOR TO STORING 1320 GALLONS ON SITE.

12.1.3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING ANY NECESSARY LOCAL, STATE, AND FEDERAL PERMITS. THE SPCC PLAN AND/OR PERMITS SHALL BE KEPT ON-SITE AND A COPY PROVIDED TO THE TDOT CONSTRUCTION ENGINEER.

12.2. MATERIAL MANAGEMENT

12.2.1. HOUSEKEEPING

ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ON-SITE BY THE CONTRACTOR. EXCEPT FOR BULK MATERIALS THE CONTRACTOR WILL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING WILL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHEN POSSIBLE, ALL PRODUCTS WILL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFF SITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS WILL BE FOLLOWED. THE CONTRACTOR'S SITE SUPERINTENDENT WILL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL. DUST GENERATED WILL BE CONTROLLED IN AN ENVIRONMENTALLY SAFE MANNER. VEGETATION AREAS NOT ESSENTIAL TO THE CONSTRUCTION PROJECT WILL BE PRESERVED AND MAINTAINED AS NOTED ON THE PLANS.

12.2.2. HAZARDOUS MATERIALS

PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS UNLESS THE CONTAINER IS NOT RE-SEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS WILL BE RETAINED IN A SAFE PLACE TO RELAY IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S LABEL DIRECTIONS FOR DISPOSAL WILL BE FOLLOWED. MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES WHICH MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS WILL BE CONDUCTED ON AN IMPERVIOUS SURFACE AND UNDER COVER DURING WET WEATHER TO PREVENT THE RELEASE OF CONTAMINANTS ONTO THE GROUND. WHEEL WASH WATER WILL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER WILL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM. POTENTIAL pH-MODIFYING MATERIALS SUCH AS: BULK CEMENT, CEMENT KILN DUST, FLY ASH, NEW CONCRETE WASHINGS AND CURING WATERS, CONCRETE PUMPING, AND MIXER WASHOUT WATERS WILL BE COLLECTED ON SITE AND MANAGED TO PREVENT CONTAMINATION OF STORMWATER RUNOFF.

12.3. PRODUCT SPECIFIC PRACTICES

12.3.1. PETROLEUM PRODUCTS: ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.

12.3.2. FERTILIZERS: FERTILIZERS WILL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED BY TDOT. ONCE APPLIED, FERTILIZERS WILL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER. FERTILIZERS WILL BE STORED IN AN ENCLOSED AREA UNDER COVER. THE CONTENTS OF PARTIALLY USED FERTILIZER BAGS WILL BE TRANSFERRED TO SEALABLE CONTAINERS TO AVOID SPILLS.

12.3.3. PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. THE EXCESS WILL BE DISPOSED OF PER THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.

12.3.4. CONCRETE TRUCKS: CONTRACTORS WILL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED AND NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. UPON COMPLETION OF CONSTRUCTION WASHOUT AREAS WILL BE PROPERLY STABILIZED.

12.4. SPILL MANAGEMENT

IN ADDITION TO THE PREVIOUS HOUSEKEEPING AND MANAGEMENT PRACTICES, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP IF NECESSARY:

12.4.1. ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANGE OF LEAKAGE AND SPILLS.

12.4.2. FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP WILL BE CLEARLY POSTED. SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.

12.4.3. APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON-SITE 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.

12.4.4. ALL SPILLS SHALL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

12.4.5. THE CONTRACTOR'S RESPONSIBLE PARTY WILL 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.

12.4.6. IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING THE SITE AND ENTERING RECEIVING WATERS, PERSONNEL WILL RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.

12.4.7. IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (E.G. SETTLING PONDS, DETENTION PONDS, SWALES), ACTION WILL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR WILL 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.

12.4.8. 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.

12.5. SPILL NOTIFICATION (6.1)

WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO, OR MORE THAN A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD:

12.5.1. THE TDOT PROJECT ENGINEER IS RESPONSIBLE FOR NOTIFYING THE REGIONAL PROJECT DEVELOPMENT OFFICE (E.G. TRANSPORTATION ENVIRONMENTAL STUDIES SPECIALIST) AS SOON AS HE OR SHE HAS KNOWLEDGE OF THE DISCHARGE.

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12.5.2. THE TDOT REGIONAL PROJECT DEVELOPMENT OFFICE WILL NOTIFY THE LOCAL TDEC ENVIRONMENTAL FIELD OFFICE AND ANY OTHER APPLICABLE REGULATORY AGENCIES WITHIN 24 HOURS OF THE SPILL.

12.5.3. IN ADDITION TO ANY FOLLOW UP NOTIFICATIONS REQUIRED BY FEDERAL LAW, A WRITTEN DESCRIPTION OF THE RELEASE, DATE OF RELEASE AND CIRCUMSTANCES LEADING TO THE RELEASE, WHAT ACTIONS WERE TAKEN TO MITIGATE EFFECTS OF THE RELEASE, AND STEPS TAKEN TO MINIMIZE THE CHANCE OF FUTURE OCCURRENCES WILL BE SUBMITTED TO THE APPROPRIATE TDEC ENVIRONMENTAL FIELD OFFICE WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE.

12.5.4. THE SWPPP MUST BE MODIFIED WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE PROVIDING A DESCRIPTION OF THE RELEASE, CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF RELEASE. THE SWPPP WILL BE REVIEWED AND MODIFIED AS NECESSARY TO IDENTIFY MEASURES TO PREVENT THE REOCCURRENCE OF SUCH RELEASES AND TO RESPOND TO SUCH RELEASES.

13. RECORD-KEEPING

13.1. REQUIRED RECORDS

TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MAINTAIN AT THE SITE THE FOLLOWING RECORDS OF CONSTRUCTION ACTIVITIES (7.2.1.) (7.2.1.):

13.1.1. THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.

13.1.2. THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE.

13.1.3. THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.

13.1.4. RECORDS EPSC INSPECTION REPORTS AND CORRECTIVE MEASURES.

13.1.5. RECORDS OF QUALITY ASSURANCE SITE ASSESSMENTS.

13.1.6. COPY OF SITE EPSC INSPECTOR'S CERTIFICATION AND/OR LICENSING

13.1.7. A COPY OF ANY REGULATORY CORRESPONDENCE REGARDING THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS.

13.2. RAINFALL MONITORING PLAN (7.2.1.):

13.2.1. EQUIPMENT

AT A MINIMUM, THE CONTRACTOR WILL INSTALL A FENCE POST TYPE RAIN GAUGE TO MEASURE RAINFALL. THE STANDARD FENCE POST RAIN GAUGE WILL BE A WEDGE-SHAPED GAUGE THAT MEASURES UP TO 6 INCHES OF RAINFALL. AN ENGLISH SCALE WILL BE PROVIDED ON ONE FACE, WITH A METRIC SCALE ON THE OTHER FACE. GRADUATION WILL BE PERMANENTLY MOLDED IN DURABLE WEATHER-RESISTANT PLASTIC. THE MINIMUM GRADUATION WILL BE 0.01 INCH (OR 0.1MM). AN ALUMINUM BRACKET WITH SCREWS MAY BE USED TO MOUNT THE GAUGE ON A WOODEN SUPPORT.

13.2.2. LOCATION

THE RAIN GAUGE WILL BE LOCATED AT OR ALONG THE PROJECT SITE, AS DEFINED IN THE NOI OF THE NPDES PERMIT, IN AN OPEN AREA SUCH THAT THE MEASUREMENT WILL NOT BE INFLUENCED BY OUTSIDE FACTORS (I.E. OVERHANGS, GUTTER, TREES, ETC.). AT LEAST ONE RAIN GAUGE PER LINEAR MILE IS REQUIRED ALONG (AS MEASURED ALONG THE CENTERLINE OF THE PRIMARY ALIGNMENT) THE PROJECT WHERE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING IS ACTIVELY PERFORMED, OR EXPOSED SOIL HAS NOT YET BEEN PERMANENTLY STABILIZED.

13.2.3. METHODS

RAINFALL MONITORING WILL BE INITIATED PRIOR TO CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING, OR FILLING, EXCEPT AS SUCH MINIMAL CLEARING MAY BE NECESSARY TO INSTALL A RAIN GAUGE IN AN OPEN AREA. THE RAIN GAUGE WILL BE CHECKED FOR OPERATIONAL SOUNDNESS DAILY (DURING NORMAL BUSINESS HOURS) IN WET TIMES AND WEEKLY IN DRY TIMES. GAUGES WILL BE REPAIRED OR REPLACED ON THE SAME DAY IF FOUND TO BE NON-OPERATIONAL OR MISSING.

13.2.4. EACH RAIN GAUGE WILL BE READ (FOR DETAILED RECORDS OF RAINFALL) AND EMPTIED AFTER EVERY RAINFALL EVENT OCCURRING ON THE PROJECT SITE AT APPROXIMATELY THE SAME TIME OF THE DAY (DURING NORMAL BUSINESS HOURS). DURING PERIODS OF DRY CONDITIONS, IT WILL NOT BE NECESSARY TO READ THE RAIN GAUGE EVERY DAY. IN LIEU OF THIS REQUIREMENT ON WEEKENDS AND ON STATE HOLIDAYS, THE RAIN GAUGES CAN BE EMPTIED THE NEXT BUSINESS DAY AND A REFERENCE SITE USED FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION FOR THOSE DAYS. A REFERENCE SITE IS THE DOCUMENTATION FROM THE CLOSEST GAUGE WITHIN PROXIMITY OF THE PROJECT FROM A RECOGNIZED SOURCE SUCH AS THE NOAA NATIONAL WEATHER SERVICE.

13.2.5. DETAILED RECORDS WILL BE RECORDED OF RAINFALL EVENTS INCLUDE DATES, AMOUNTS OF RAINFALL, AND THE APPROXIMATE DURATION (OR THE STARTING AND ENDING TIMES). THE RAINFALL RECORDS SHALL BE RECORDED ON THE TDOT RAINFALL RECORD SHEET AND SHALL BE MAINTAINED IN THE "DOCUMENTATION AND PERMITS" BINDER.

13.2.6. IF THE RAINFALL EVENT IS STILL IN PROGRESS AT THE DAILY RECORDING TIME, THE GAUGE WILL BE EMPTIED AND THE RECORD WILL INDICATE THAT THE STORM EVENT WAS STILL IN PROGRESS.

13.2.7. RAIN GAUGE INFORMATION (DETAILED RECORDS), INCLUDING THE LOCATION OF THE NEAREST OUTFALL, WILL BE RECORDED ON THE EPSC INSPECTION REPORT FORMS AT THE TIME OF MEASUREMENT.

13.3. KEEPING PLANS CURRENT (5.4.)

13.3.1. THE EPSC PLAN IS TO SERVE AS AN INITIAL GUIDE FOR SITE PERSONNEL AS THE CONSTRUCTION PROCESS DEVELOPS. IT MUST BE AMENDED, MODIFIED, AND UPDATED WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL REGULATORY OFFICIALS DETERMINE EPSC MEASURES ARE PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.

13.3.2. THE STAGES DEPICTED WITHIN THE EPSC PLANS MAY NOT COINCIDE WITH THE ACTUAL STAGES OF CONSTRUCTION ESTABLISHED BY THE CONTRACTOR DURING CONSTRUCTION, THUS MODIFICATIONS WILL BE REQUIRED TO ENSURE THE EPSC PLAN IS MAINTAINED TO DEPICT CURRENT SITE CONDITIONS. IT SHOULD BE MAINTAINED SUCH THAT IT WILL ALWAYS REFLECT THE MEASURES THAT ARE INSTALLED DURING THE VARIOUS STAGES OF CONSTRUCTION. IT IS IMPRACTICAL TO DETERMINE ALL THE INTERMEDIATE STAGES OF CONSTRUCTION THAT WILL OCCUR, THUS THESE DOCUMENTS MUST BE UPDATED THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT.

13.3.3. THE TDOT EPSC INSPECTOR OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MODIFY AND UPDATE THE SWPPP WHEN ANY OF THE FOLLOWING CONDITIONS APPLY:

13.3.3.1. WHENEVER THERE IS A CHANGE IN THE SCOPE OF THE PROJECT THAT WOULD BE EXPECTED TO HAVE A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE SWPPP;

13.3.3.2. WHENEVER INSPECTIONS OR INVESTIGATIONS BY SITE OPERATORS, LOCAL, STATE, OR FEDERAL OFFICIALS INDICATE THE SWPPP IS PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM CONSTRUCTION ACTIVITY SOURCES, OR IS OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY; WHERE LOCAL, STATE, OR FEDERAL OFFICIALS DETERMINE THAT THE SWPPP IS INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES, A COPY OF ANY CORRESPONDENCE TO THAT EFFECT MUST BE RETAINED IN THE SWPPP;

13.3.3.3. WHEN ANY NEW OPERATOR AND/OR SUB-OPERATOR IS ASSIGNED OR RELIEVED OF THEIR RESPONSIBILITY TO IMPLEMENT A PORTION OF THE SWPPP;

13.3.3.4. TO PREVENT A NEGATIVE IMPACT TO LEGALLY PROTECTED STATE OR FEDERALLY LISTED OR PROPOSED THREATENED OR ENDANGERED AQUATIC FAUNA;

13.3.3.5. WHEN THERE IS A CHANGE IN CHEMICAL TREATMENT METHODS INCLUDING: USE OF DIFFERENT TREATMENT CHEMICALS, DIFFERENT DOSAGE OR APPLICATION RATES OR A DIFFERENT AREA OF APPLICATION NOT SPECIFIED ON THE EPSC PLANS.

13.3.3.6. ALL SWPPP REVISION(S) SHALL BE RECORDED WITHIN 1 WEEK BY THE PROJECT EPSC INSPECTOR.

13.3.3.7. WHEN A TMDL IS DEVELOPED FOR THE RECEIVING WATERS FOR A POLLUTANT OF CONCERN (SILTATION AND/OR HABITAT ALTERATION), CONSTRUCTION SHALL NOTIFY THE PERMITS SECTION FOR PROPER COORDINATION.

13.4. MAKING PLANS ACCESSIBLE

13.4.1. TDOT WILL RETAIN A COPY OF THIS SWPPP (INCLUDING A COPY OF THE "DOCUMENTATION AND PERMITS" BINDER AT THE CONSTRUCTION SITE (OR OTHER LOCATION ACCESSIBLE TO TDEC AND THE PUBLIC) FROM THE DATE CONSTRUCTION COMMENCES TO THE DATE OF PERMANENT STABILIZATION. TDOT WILL HAVE A COPY OF THE SWPPP AVAILABLE AT THE LOCATION WHERE WORK IS OCCURRING ON-SITE FOR THE USE OF OPERATORS AND THOSE IDENTIFIED AS HAVING RESPONSIBILITIES UNDER THE SWPPP WHENEVER THEY ARE ON THE CONSTRUCTION SITE (7.2.).

13.4.2. PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND UNTIL THE SITE HAS MET THE PERMANENT STABILIZATION CRITERIA, TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL POST A NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE WITH THE FOLLOWING INFORMATION (5.3.4.) (7.2.1.):

13.4.2.1. A COPY OF THE NOTICE OF COVERAGE (NOC) WITH THE NPDES PERMIT NUMBER FOR THE PROJECT;

13.4.2.2. THE INDIVIDUAL NAME, COMPANY NAME, E-MAIL ADDRESS (IF APPLICABLE) AND TELEPHONE NUMBER OF THE LOCAL PROJECT SITE OWNER AND OPERATOR CONTACT;

13.4.2.3. A BRIEF DESCRIPTION OF THE PROJECT; AND

13.4.2.4. THE LOCATION OF THE SWPPP.

13.4.3. ALL INFORMATION DESCRIBED IN SECTION 13.4.2 MUST BE MAINTAINED IN LEGIBLE CONDITION. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE DUE TO SAFETY CONCERNS, THE NOTICE SHALL BE POSTED IN A LOCAL BUILDING. THE NOTICE MUST BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION WHERE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY.

13.5. NOTICE OF TERMINATION (9.0.)

13.5.1. WHEN ALL STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED BY PERMANENT STABILIZATION, THE TDOT REGIONAL ENGINEER WILL SUBMIT A NOTICE OF TERMINATION (NOT) THAT IS SIGNED IN ACCORDANCE WITH THE PERMIT TO THE TDEC CENTRAL OFFICE IN NASHVILLE, TN.

13.5.2. FOR THE PURPOSES OF THE CERTIFICATION REQUIRED BY THE NOT, THE ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY MEANS THE

13.5.2.1. ALL EARTH-DISTURBING ACTIVITIES ON THE SITE ARE COMPLETED AND ALL DISTURBED SOILS AT THE PORTION OF THE CONSTRUCTION SITE WHERE THE OPERATOR HAD CONTROL HAVE BEEN PERMANENTLY STABILIZED; AND

13.5.2.2. ALL CONSTRUCTION MATERIALS, WASTE AND WASTE HANDLING DEVICES, AND ALL EQUIPMENT, AND VEHICLES THAT WERE USED DURING CONSTRUCTION HAVE BEEN REMOVED AND PROPERLY DISPOSED; AND

13.5.2.3. ALL STORMWATER CONTROLS THAT WERE INSTALLED AND MAINTAINED DURING CONSTRUCTION, EXCEPT THOSE THAT ARE INTENDED FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE, HAVE BEEN REMOVED; AND

13.5.2.4. ALL POTENTIAL POLLUTANTS AND POLLUTANT GENERATING ACTIVITIES ASSOCIATED WITH CONSTRUCTION HAVE BEEN REMOVED; AND

13.5.2.5. THE PERMITTEE HAS IDENTIFIED WHO IS RESPONSIBLE FOR ONGOING MAINTENANCE OF ANY STORMWATER CONTROLS LEFT ON THE SITE FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE; AND

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13.5.2.6. TEMPORARY EPSC MEASURES HAVE BEEN OR WILL BE REMOVED AT AN APPROPRIATE TIME TO ENSURE PERMANENT STABILIZATION IS MAINTAINED; AND

13.5.2.7. ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM THE IDENTIFIED SITE THAT ARE AUTHORIZED BY A NPDES GENERAL PERMIT HAVE OTHERWISE BEEN ELIMINATED FROM THE PORTION OF THE CONSTRUCTION SITE WHERE THE OPERATOR HAD CONTROL.

13.6. RETENTION OF RECORDS (7.1.)

TDOT WILL RETAIN COPIES OF THE SWPPP, ALL REPORTS REQUIRED BY THE PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT FOR THE PROJECT FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THE NOT WAS FILED.

14. SITE WIDE/PRIMARY PERMITTEE CERTIFICATION (8.7.5.)

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED BY ME, OR UNDER MY DIRECTION OR SUPERVISION. THE SUBMITTED INFORMATION IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. AS SPECIFIED IN TENNESSEE CODE ANNOTATED SECTION 39-16-702(a)(4), THIS DECLARATION IS MADE UNDER PENALTY OF PERJURY.

AUTHORIZED TDOT PERSONNEL SIGNATURE (5.3.3.)

Robbie Stephens

PRINTED NAME

Statewide Transportation Engineer

TITLE

8/20/2026

DATE

15. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (8.7.6.)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE REVIEWED THIS DOCUMENT, ANY ATTACHMENTS, AND THE SWPPP REFERENCED ABOVE. BASED ON MY INQUIRY OF THE CONSTRUCTION SITE OWNER/DEVELOPER IDENTIFIED ABOVE AND/OR MY INQUIRY OF THE PERSON DIRECTLY RESPONSIBLE FOR ASSEMBLING THIS NOI AND SWPPP, I BELIEVE THE INFORMATION SUBMITTED IS ACCURATE. I AM AWARE THAT THIS NOI, IF APPROVED, MAKES THE ABOVE-DESCRIBED CONSTRUCTION ACTIVITY SUBJECT TO NPDES PERMIT NUMBER TNR100000, AND THAT CERTAIN OF MY ACTIVITIES ONSITE ARE THEREBY REGULATED. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS, AND FOR FAILURE TO COMPLY WITH THESE PERMIT REQUIREMENTS. AS SPECIFIED IN TENNESSEE CODE ANNOTATED SECTION 39-16-702(a)(4), THIS DECLARATION IS MADE UNDER PENALTY OF PERJURY.

AUTHORIZED CONTRACTOR PERSONNEL SIGNATURE (5.3.3.)

PRINTED NAME

TITLE

DATE

16. ENVIRONMENTAL PERMITS (1.5.2.)

LIST ALL ENVIRONMENTAL PERMITS AND EXPIRATION DATES FOR PROJECT **(TO BE COMPLETED AT THE ENVIRONMENTAL PRECONSTRUCTION MEETING BY TDOT CONSTRUCTION OR THEIR DULY AUTHORIZED REPRESENTATIVE)**:

ENVIRONMENTAL PERMITS			
PERMIT	**YES OR NO**	**PERMIT OR TRACKING NO.**	**EXPIRATION DATE***
TDEC ARAP	No		
CORPS OF ENGINEERS (USACE)	No	NWP14 NN	03/2031
TVA 26A	No		
TDEC CGP			
OTHER:			

*THE TDOT ENVIRONMENTAL DIVISION MUST BE NOTIFIED SIX MONTHS PRIOR TO PERMIT EXPIRATION DATE.

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17. OUTFALL TABLE (5.5.1.c, 6.4.1.e, 6.4.1.f)

OUTFALL LABEL	SUB114C OUT-FALL	STATION CL, LT OR RT	SLOPE WITHIN ROW EACH STAGE (%)	STAGE 1 DRAINAGE AREA (AC)	STAGE 2 DRAINAGE AREA (AC)	STAGE 3 DRAINAGE AREA (AC)	SEDIMENT BASIN OR EQUIVALENT MEASURE(S) (YES, NO OR N/A)	SEDIMENT TRAP OR EQUIVALENT MEASURE(S) (YES, NO OR N/A)	RECEIVING RESOURCE (TDOT EBR LABEL) OR OTHER	COMMENTS
1		244+07 CL	1.24	0.64	0.64	0.64	N/A	N/A	CROOKED CREEK	
2		249+53 LT	4.81	49.01	49.01	49.01	N/A	N/A	CROOKED CREEK	
	2A	250+90 LT	6.77	8.92	8.92	8.92	N/A	N/A	CROOKED CREEK	
	2B	249+53 CL	2.88	0.60			N/A	N/A	CROOKED CREEK	
	2C	132+33 LT	10.90	7.39	7.39	7.39	N/A	N/A	CROOKED CREEK	
	2D	132+63 LT	5.84	1.16	1.16	1.16	N/A	N/A	CROOKED CREEK	
	2E	132+45 LT	28.44	25.95	25.95	25.95	N/A	N/A	CROOKED CREEK	
	2F	256+25 CL	1.96	1.06			N/A	N/A	CROOKED CREEK	
	2G	252+68 RT	16.35	0.47			N/A	N/A	CROOKED CREEK	
	2H	132+71 RT	15.76	0.90	0.90	0.90	N/A	N/A	CROOKED CREEK	
	2I	253+00 RT	11.81		0.85		N/A	N/A	CROKED CREEK	
3		245+89 LT	4.94	0.51	0.51	0.51	N/A	N/A	CROOKED CREEK	
4		245+00 RT	18.13	1.44	1.44	1.44	N/A	N/A	CROOKED CREEK	

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Index Of Sheets	
SHEET NAME	SHEET NO.
UTILITIES INDEX, UTILITIES OWNERS, AND UTILITIES SHEETS;	U1-1

PIN: 133610.00

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

CARROLL COUNTY

SR-22
INDUSTRIAL ACCESS SUPPORT SERVING FORMULA 2.0
(SR-22 IMPROVEMENTS)

STATE HIGHWAY NO. 22 F.A.H.S. NO. N/A

CONTRACT TYPE	UTILITY	UTILITY OWNERS & CONTACTS:
NO COST	TELEPHONE FIBER OPTIC	AT&T DANIEL POTTS 315 E. COLLEGE STREET JACKSON, TN. 38301 901-488-2359 dp7607@att.com
NO COST	ELECTRIC	CARROLL CO. ELECTRIC DEPT. JAMES TAYLOR 103 WEST PARIS STREET HUNTINGDON, TN 38344 731-968-8284 jtaylor@ccelectric.org
NO CONFLICT	GAS	WTPUD BRENT DILLAHUNTY 14055 PARIS STREET HUNTINGDON, TN 38344 731-986-8289 brent@wtpud.com

SEALED BY

SPECIAL NOTES

SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE SYSTEM, INC. AT 1-800-351-1111.

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UTILITY INDEX
AND
UTILITY OWNERS

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