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PARSONS
6750 LENOX CENTER COURT
SUITE #117
MEMPHIS, TN
GHOUSE SUNDKE MOHAMMED, 113378

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 ROADWAY DRAWINGS	1A1
STANDARD TRAFFIC DESIGN DRAWINGS	1A2
ESTIMATED ROADWAY QUANTITIES	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1-2B4
GENERAL NOTES	2C, 2C1
SPECIAL NOTES	2D
ENVIRONMENTAL NOTES	2E
TABULATED QUANTITIES	2F, 2F1
DETAIL SHEETS	2G, 2G1-2G2
RIGHT-OF-WAY NOTES, UTILITY NOTES, AND UTILITY OWNERS	3
PROPERTY MAPS AND RIGHT-OF-WAY ACQUISITION TABLE	3A – 3C
PRESENT LAYOUTS	4 – 8
RIGHT-OF-WAY DETAILS	4A – 8A
PROPOSED LAYOUTS	4B – 8B
RAMP PROFILES	9 – 16
DRAINAGE MAPS	17 – 18
CULVERT SECTIONS	19 – 23
EROSION PREVENTION AND SEDIMENT CONTROL PLANS	24-24B, 25-27D
SIGNING AND PAVEMENT MARKING PLANS	28 – 32
SIGN SCHEDULE SHEET	33 - 36
ROADWAY CROSS SECTIONS	37 – 100
TRAFFIC CONTROL PLANS	T1 – T97

YEAR	PROJECT NO.	SHEET NO.
2026	39I040-S3-006	ROADWAY-SIGN 1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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

SHEET NAME	SHEET NO.
SIGNATURE SHEETS	ROADWAY-SIGN2
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2-1

YEAR	PROJECT NO.	SHEET NO.
2026	39I040-S3-006	ROADWAY-SIGN 2

REV. 03-27-2026: ADDED SHEET TO PLANS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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Index Of Sheets

SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

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

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.		
STATE PROJ. NO.	39I040-S3-006	

HENDERSON COUNTY

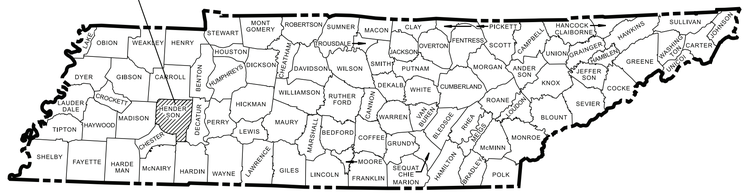
I-40 INTERCHANGE @ S.R. 104
L.M. 5.73

PS&E

GRADE, DRAIN, PAVE, GUARDRAIL, MARKING, SIGNING & LIGHTING

STATE HIGHWAY NO. N/A F.A.H.S. NO. I-40

PROJECT LOCATION
BRIDGE ID. # 39I00400005



END PROJECT NO. 39I040-S3-006 CONST.

STA. 1040+28.46
N 527442.3857 E 1225391.1733

END PROJECT NO. 39I040-S2-006 R.O.W.

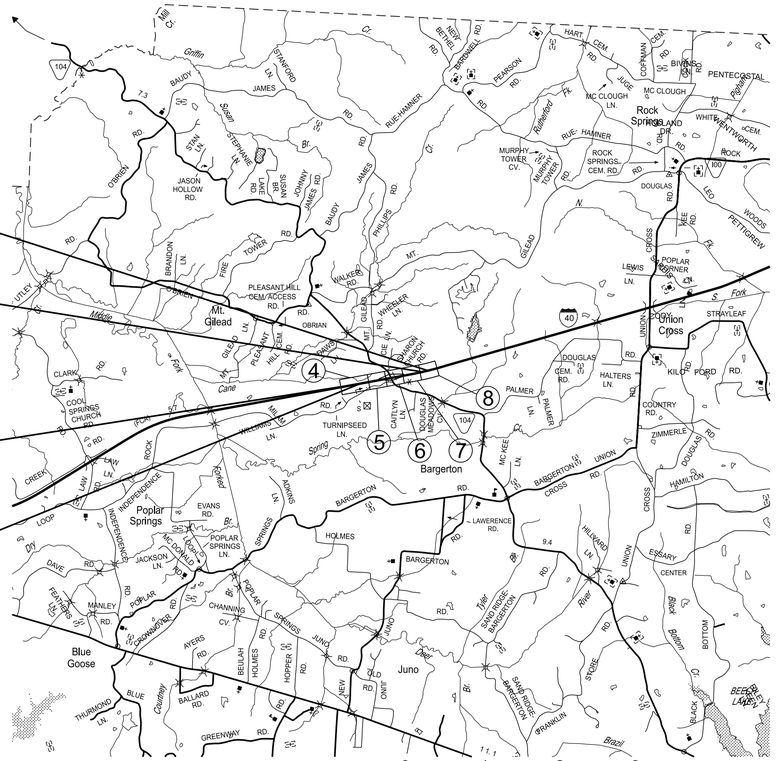
STA. 1035+50.00
N 527333.8550 E 1224925.2203

BEGIN PROJECT NO. 39I040-S3-006 CONST.

STA. 989+93.91
N 526500.0459 E 1220446.1104

BEGIN PROJECT NO. 39I040-S2-006 R.O.W.

STA. 993+75.00
N 526569.5017 E 1220820.8126


Mt. Gilead
Bargerton
Poplar Springs
Blue Goose
Juno
Union Cross
Rock Springs
PENTECOSTAL
MC CLOUGH
HOLMES
BARGERTON
LAWERENCE RD.
PALMER
HALTERS LN.
DOUGLAS CEM. RD.
STRAYLEAF
KILO FORD RD.
COUNTRY RD.
ZIMMERLE
HAMILTON
ESSARY CENTER
BEECH LAKE
BLACK BOTTOM
SAND RIDGE BARGERTON
ROCK SPRINGS CEM. RD.
DOUGLAS
PLEASANT HILL CEM. ACCESS RD.
TURNIPSEED LN.
CAITLYN LN.
DOUGLAS MEADOWS DR.
POPLAR SPRINGS LN.
JACKSON LN.
EVANS RD.
ADDERBERRY LN.
MC DONALD LN.
CHANNING CV.
SCHOOLHOUSE RD.
BALLARD RD.
GREENWAY RD.
THURMOND LN.
COOL SPRINGS CHURCH RD.
CLARK RD.
LITLEY RD.
BRANDON LN.
FIRE TOWER RD.
JASON HOLLOW RD.
O'BRIEN RD.
STAMFORD LN.
JAMES LN.
SOSBY STEPHANIE LN.
LATE BR.
SUSAN BR.
JOHNNY JAMES RD.
BAUDY RD.
RUE-HAMNER RD.
PEARSON RD.
BIRDWELL RD.
HART CEM. RD.
COPNMAN CEM. RD.
BRIGGS RD.
MC CLOUGH LN.
Rutherford Fk.
MURPHY TOWER CV.
MURPHY TOWER RD.
OLD RUTLAND DR.
WHITE WORTH HOLLOW RD.
ROCK HOUSE RD.
LEO WOODS RD.
PETTIGREW RD.
LEWIS LN.
POPLAR CORNER LN.
S. Fork Cane Creek
Middle Fork Cane Creek
Spring Creek
Dry Creek
Brazil Creek
Caney Fk.
Turkey Creek
Big Black Fk.
Tuff Creek
Big Beech Creek
Mill Cr.
Griffin Cr.
Big Cr.
Big Branch
Big Cr.
Big Cr.
Big Cr.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	1A
PS&E	2026	39I040-S3-006	1A

REV. 03-27-2026: ADDED ROADWAY-SIGN 2

ROADWAY INDEX

SHEET NAME	SHEET NO.
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GEOTECHNICAL PLANS	G-1
LIGHTING PLANS	L-1
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS	S-1
UTILITIES PLANS	U1–1

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

STANDARD ROADWAY DRAWINGS

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

DWG.	REV.	DESCRIPTION
RD-TP-1	09-26-16	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	01-30-26	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
RD-L-2	02-20-20	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-3	03-01-23	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-4	10-01-24	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-5	07-30-24	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-8	02-20-20	STANDARD LEGEND FOR NATURAL STREAM DESIGN

10-101.00 STANDARDS ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-SE-3		SUPERELEVATION TRANSITION DETAILS FOR DIVIDED ROADWAYS
RD11-SE-3A		SUPERELEVATION TRANSITION SECTIONS FOR DIVIDED ROADWAYS
RD11-TS-4	10-01-24	DESIGN STANDARDS FOR ARTERIAL AND FREEWAY RAMPS (1, 2 AND 3 LANE)
RD11-TS-5	06-28-19	DESIGN STANDARDS FOR FREEWAYS WITH DEPRESSED MEDIAN (4 AND 6 LANE)
RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS
RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD-UD-3	01-09-24	UNDERDRAIN DETAILS
RD-UD-4	06-28-19	UNDERDRAIN LATERAL DETAILS
RD-UD-7	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 3:1 & 4:1 SLOPES
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

DWG.	REV.	DESCRIPTION
D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	03-01-23	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION
D-PB-4	01-09-24	PIPE COLLAR DETAILS
D-PE-18A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-18B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-24A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-24B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-99	03-04-21	TYPE "U" CROSS DRAIN ENDWALL DETAILS, PIPE GRATE & SKEWED CONNECTION
D-PE-4	06-28-19	STRAIGHT CONCRETE ENDWALLS (PIPE SIZES 18" TO 30")
D-PEW-1		PROTECTED ENDWALLS FOR ROUND & OVAL PIPES (PIPE SIZES 18” TO 72”, ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PEW-2		PROTECTED ENDWALLS FOR ROUND PIPES DETAILS & QUANTITIES (PIPE SIZES 18” TO 72”, ALL SKEWS, 2:1 & 3:1 SLOPES)

10-103.00 CATCH BASINS AND MANHOLES

DWG.	REV.	DESCRIPTION
D-JBS-1	02-20-20	STANDARD 32" X 32" SQUARE CONCRETE NO. 1 JUNCTION BOX

10-104.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

DWG.	REV.	DESCRIPTION
RP-I-5	05-01-20	EXAMPLES OF STREET & ALLEY INTERSECTIONS
S-F-1	03-01-23	HIGH VISIBILITY FENCE
S-F-10	07-17-20	STANDARD RIGHT-OF-WAY STOCK FENCE
S-F-10A	06-28-19	STANDARD RIGHT-OF-WAY STOCK FENCE WITH TIMBER POSTS
S-F-10B	06-28-19	STANDARD RIGHT-OF-WAY CHAIN LINK FENCE
S-F-10C	06-28-19	RIGHT-OF-WAY FENCE AT BRIDGES AND BOX CULVERTS
S-F-10D	06-28-19	RIGHT-OF-WAY FENCE LOCATIONS AT INTERCHANGES
S-RP-2	06-28-19	STANDARD CONCRETE RIGHT-OF-WAY MARKERS

10-106.00 SAFETY DESIGN AND GUARDRAILS

DWG.	REV.	DESCRIPTION
S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
S-PL-1	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED
S-PL-1A	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED (FOR RIGID OBJECTS)
S-PL-1B	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED ON CURVED ROADWAYS
S-PL-3	03-01-23	SAFETY PLAN MINIMUM INSTALLATION AT BRIDGE ENDS
S-PL-4	01-09-24	SAFETY PLAN FOR BRIDGE PIERS IN DEPRESSED MEDIAN
S-PL-4A	01-09-24	SAFETY PLAN TO FOR BRIDGE PIERS/ ABUTMENTS OUTSIDE THE SHOULDER
S-PL-5	06-28-19	SAFETY PLAN FOR BRIDGE ENDS IN MEDIANS
S-PL-6	07-30-24	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
S-PL-6A	06-28-19	SAFETY PLAN SAFETY HARDWARE PLACEMENT IN MEDIAN
S-CB-1	01-09-24	CABLE BARRIER PLACEMENT
S-GR31-1	10-31-25	GUARDRAIL DETAILS
S-GR31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
S-GR31-1B		GUARDRAIL FASTENING HARDWARE
S-GR31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS
S-GRS-4	05-04-22	SPECIAL CASE GUARDRAIL HEIGHT TRANSITION DETAIL
S-GRS-7	01-09-24	SHORT RADIUS-GR SYSTEM (SRGS) CONNECTION TO BRIDGE END
S-GRS-7A	07-30-24	SHORT RADIUS-GUARDRAIL SYSTEM (SRGS) ANCHOR DETAILS
S-GRS-7B		SHORT RADIUS-GR SYSTEM (SRGS) EYE-BOLT SPACING DETAILS
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRT-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR

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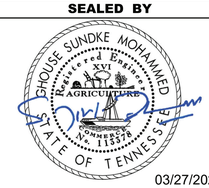

03/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	1A1
PS&E	2026	39I040-S3-006	1A1

DWG.	REV.	DESCRIPTION
10-107.00		**EROSION PREVENTION AND SEDIMENT CONTROL**
EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3B	06-15-21	SILT FENCE
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3D	03-01-23	ENHANCED SILT FENCE
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-8	06-10-14	FILTER SOCK
EC-STR-27	08-01-12	TEMPORARY SLOPE DRAIN AND BERM
EC-STR-29	08-01-12	PERMANENT SLOPE DRAIN PIPE
EC-STR-34	05-04-22	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-35	08-01-12	FILTER BERMS
EC-STR-37	06-10-14	SEDIMENT TUBE
EC-STR-4	07-30-24	ENHANCED SILT FENCE CHECK (TRAPEZOIDAL DITCH)
EC-STR-4A	07-30-24	ENHANCED SILT FENCE CHECK (V-DITCH)
EC-STR-4B	08-01-12	ENHANCED SILT FENCE CHECK DETAILS
EC-STR-6	11-30-20	ROCK CHECK DAM
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-7	05-04-22	SEDIMENT TRAP WITH CHECK DAM
EC-STR-11	03-16-17	CULVERT PROTECTION TYPE 1
EC-STR-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-12	08-01-12	ROCK SEDIMENT DAM
EC-STR-13	08-01-12	ROCK AND EARTH SEDIMENT EMBANKMENT
EC-STR-15	08-01-12	SEDIMENT BASIN
EC-STR-16	08-01-12	SEDIMENT BASIN RISER AND COLLAR APPURTENANCES
EC-STR-17	08-01-12	SEDIMENT BASIN EMBANKMENT DETAILS
EC-STR-18		SEDIMENT BASIN FLOATING OUTLET STRUCTURE
EC-STR-21	05-04-22	PERMANENT RIPRAP BASIN ENERGY DISSIPATORS
EC-STR-11A	08-01-12	CULVERT PROTECTION TYPE 2
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-30		INSTREAM DIVERSION (WITHOUT TRAFFIC)
EC-STR-30A		INSTREAM DIVERSION (WITH TRAFFIC)
EC-STR-31	05-04-22	TEMPORARY DIVERSION CHANNEL
EC-STR-31A	04-01-08	TEMPORARY DIVERSION CHANNEL DESIGN
EC-STR-33	08-01-12	SUSPENDED PIPE DIVERSION (DOWNSTREAM)
EC-STR-33A	08-01-12	SUSPENDED PIPE DIVERSION (UPSTREAM)
10-110.00		**NATURAL STREAM DESIGN**
D-NSD-30	05-09-25	SUBSTRATE RESTORATION

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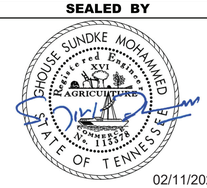

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
ROADWAY
DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	1A2
PS&E	2026	39I040-S3-006	1A2

STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
10-200.00	**SIGN**	
T-S-6	07-30-25	STANDARD MOUNTING DETAILS - BOLTED EXTRUDED PANELS
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 FOOTING DETAILS, SQUARE TUBES
T-S-13	07-30-25	I-BEAM BREAK-AWAY LARGE SIGN SUPPORT DETAILS
T-S-14	07-30-25	WF-BEAM BREAK-AWAY LARGE SIGN SUPPORT DETAILS
T-S-15	07-30-25	STANDARD CONDUIT & GROUND DETAILS FOR OVERHEAD & CANTILEVER SIGN STRUCTURES
T-S-16	07-30-25	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-16A	07-02-15	GROUND MOUNTED ROADSIDE 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
10-202.00	**LIGHTING AND UTILITY POLES**	
T-FO-2		FIBER OPTIC UNDERGROUND ENTRANCE DETAILS
T-FO-4		FIBER OPTIC PULL BOX, CABINET & POLE DETAILS
T-L-1	07-15-24	STANDARD LIGHTING FOUNDATION DETAILS
T-L-1SA	07-15-24	STANDARD LIGHTING DETAILS FOR SINGLE ARM SUPPORTS
T-L-1TM	07-15-24	STANDARD LIGHTING DETAILS TENON MOUNTED OFFSET LIGHTING SUPPORTS
T-L-3	07-15-24	STANDARD LIGHTING DETAILS PULL BOXES
T-L-4	07-15-24	STANDARD LIGHTING DETAILS CONDUIT, CABLE INSTALLATION
T-L-5		STANDARD LIGHTING DETAILS CONTROL CENTER DETAILS
10-204.00	**DESIGN - TRAFFIC CONTROL**	
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-5	01-24-25	MARKING DETAIL FOR FREEWAYS
T-M-6	01-24-25	MARKING DETAIL FOR EXPRESSWAY AND FREEWAY INTERCHANGES
T-M-7	01-24-25	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-8	01-24-25	MARKING DETAILS FOR EXPRESSWAYS & FREEWAYS
T-M-9	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9A	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9B	07-22-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-15	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATE AND ACCESS CONTROLLED ROUTES
T-M-15A	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
T-M-16	01-24-25	RUMBLE STRIPE INSTALLATION LAYOUT
T-M-16A	01-24-25	RUMBLE STRIPE DETAILS FOR EDGE OF PAVEMENT AND CENTERLINE
T-M-18	01-24-25	FLEXIBLE DELINEATOR DETAILS
T-M-18A	01-24-25	DELINEATOR MOUNTING 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-14	03-26-25	TWO-OUTSIDE LANE CLOSURE FOR INTERSTATES AND EXPRESSWAYS
T-WZ-16	03-26-25	LANE SHIFT FOR DIVIDED HIGHWAYS AND FREEWAYS
T-WZ-18	03-26-25	SHOULDER CLOSURE DETAIL FOR FREEWAYS AND DIVIDED HIGHWAYS
T-WZ-60	03-26-25	FREEWAY RESURFACING SIGNING PROCEDURES
T-WZ-63	03-26-25	WORK ZONE IN THE VICINITY OF AN ENTRANCE RAMP
T-WZ-64	03-26-25	WORK ZONE IN THE VICINITY OF AN EXIT RAMP
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD
T-WZ-PBR1	03-26-25	INTERCONNECTED PORTABLE BARRIER RAIL
T-WZ-PBR2	03-26-25	DETAILS FOR WORK ZONE CHANNELIZATION DEVICES

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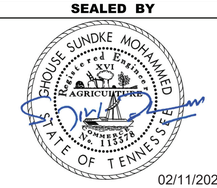

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
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DESIGN
DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	2
PS&E	2026	39I040-S3-006	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 39I040-S3-006
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
(1)	202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
(14)	202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.	1851
(2)(3)(6)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	28622
	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	4944
(4)	203-06	WATER	M.G.	244
	203-20.01	CHANNEL SUBSTRATE	C.Y.	19
(22)	204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	25
(12)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	5
(13)	209-03.99	PROTECTED AREA MARKER (WHITE WITH DECAL)	EACH	2
(6)	209-05	SEDIMENT REMOVAL	C.Y.	1565
(6)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	2511
(6)	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	4518
(6)	209-08.07	ROCK CHECK DAM	EACH	45
(6)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	5
(6)	209-09.01	SANDBAGS	BAG	6000
(6)	209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	32
(6)	209-40.30	CATCH BASIN PROTECTION (TYPE A)	EACH	4
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	20453
(6)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	13
	307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	86
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	53
	307-01.18	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING CM	TON	428
	307-01.20	ASP. CONC. MIX(PG64-22) (BPMB-HM) GR. A-S	TON	85
	307-01.22	ASP. CONC. MIX(PG76-22) (BPMB-HM) GR. A-S	TON	851
	307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	TON	885
	307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	TON	3070
	307-03.12	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING CM	TON	361
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	32
(20)	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	1043
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	13
		(ALTERNATE AA2)		
(16)	403-02.01	TRACKLESS TACK COAT	TON	38
		(ALTERNATE AA1)		
(10)	403-02.02	HOT APPLIED TACK COAT	TON	29
	407-20.05	SAW CUTTING ASPHALT PAVEMENT	L.F.	1805
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	751
	411-03.10	ACS MIX(PG76-22) GRADING D	TON	983
(5)(15)	411-03.23	ACS MIX (PG76-22) OGFC	TON	2384
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	5
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	2900
(8)	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	73
(8)	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	73
(8)	607-11.02	60" CONCRETE PIPE CULVERT (CLASS II)	L.F.	40
(17)	607-25.01	SAPL TYPE 1 GROUT (PIPE/CULVERT REPAIR)	C.F.	283

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 39I040-S3-006
(17)	607-25.02	SPRAY APPLIED PIPE LINER (SAPL)	C.F.	212
	611-02.10	JUNCTION BOX, TYPE 1	EACH	1
	611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	18
	611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	856
	611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
	611-07.73	18IN ENDWALL (MEDIAN DRAIN)	EACH	1
(6)	621-03.05	36" TEMPORARY DRAINAGE PIPE	L.F.	140
	705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	EACH	2
	705-06.01	W BEAM GR (TYPE 2) MASH TL3	L.F.	2253
	705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL3	EACH	2
	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	6
	705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	2
	705-06.40	CABLE BARRIER (MASH TL-3)	L.F.	3782
	705-06.41	CABLE BARRIER ANCHOR (MASH TL-3)	EACH	4
	706-01	GUARDRAIL REMOVED	L.F.	1782
	706-80.18	CABLE BARRIER TERMINAL (REMOVAL)	EACH	4
	706-80.19	CABLE BARRIER (REMOVAL)	L.F.	3291
	707-03.01	STOCK FENCE	L.F.	1724
	707-06.01	REMOVAL OF FENCE (C.A.)	L.F.	1647
(6)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	2961
	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	16
(6)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	200
(6)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	68
(9)	709-05.09	MACHINED RIP-RAP (CLASS C)	TON	154
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	4444
	710-05	LATERAL UNDERDRAIN	L.F.	1472
	710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	EACH	7
	710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	19
	711-05.71	51IN SINGLE SLOPE CONCRETE BARRIER WALL	L.F.	110
	712-01	TRAFFIC CONTROL	LS	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	5000
	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	9
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	290
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	24
	712-06	SIGNS (CONSTRUCTION)	S.F.	1048
	712-08.03	ARROW BOARD (TYPE C)	EACH	2
(20)	712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	EACH	2
	712-08.12	QUEUE PROTECTION TRUCK	DAY	50
	712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	L.F.	35786
	713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	C.Y.	4
	713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	LB.	825
	713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	82
	713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	LB.	6204
	713-11.01	"U" SECTION STEEL POSTS	LB.	1692
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	595
	713-11.21	P POST SLIP BASE	EACH	5
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	193
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	395
	713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	737
(19)	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-15.36	REMOVE SIGN, SUPPORT & FOOTING	EACH	5

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02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	2-1
PS&E	2026	39I040-S3-006	2-1

REV. 03-27-2026 REMOVED ITEM 716-05.49 AND ADDED ITEM 716-05.50.

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 39I040-S3-006
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2
	716-01.11	RAISED PVMT MARKERS (BI-DIRECTIONAL) (1 COLOR LENS)	EACH	2764
	716-01.14	RAISED PAVEMENT MARKER REMOVAL	EACH	2764
	716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH	352
	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	228
	716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	343
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	8
	716-05.50	PAINTED PAVEMENT MARKINGS(8" LINE)	L.F.	1366
	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	8
(21)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	7
(21)	716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.	1902
(21)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	1300
	717-01	MOBILIZATION	LS	1
(6)(18)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	632
(6)	740-11.02	TEMPORARY SEDIMENT TUBE 12IN	L.F.	812
(6)	801-01	SEEDING (WITH MULCH)	UNIT	302
(6)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	441
(6)	801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	UNIT	8
(6)	801-02	SEEDING (WITHOUT MULCH)	UNIT	139
(6)	801-02.15	FERTILIZER	TON	9
(6)(11)	801-03	WATER (SEEDING & SODDING)	M.G.	88
	802-02.32	CUTTINGS: CORNUS AMOMUM (18IN-24IN)	EACH	62
	802-02.35	CUTTINGS: CEPHALANTHUS OCCIDENTALIS (18IN-24IN)	EACH	62
	802-02.38	CUTTINGS: PLATANUS OCCIDENTALIS (18IN-24IN)	EACH	63
	802-02.39	CUTTINGS: POPULUS DELTOIDES (18IN-24IN)	EACH	63
	802-12.15	FAGUS GRANDIFOLIA (BEECH SEEDLNG B.R.)	EACH	10
	802-12.18	LIQUIDAMBER STYRACIFLUA (SWEETGUM SEEDLNG B.R.)	EACH	10
	802-12.19	LIRIODENDRON TULIPIFERA (TULIP POPLAR SEEDLNG B.R.)	EACH	10
	802-12.26	PLATANUS OCCIDENTALIS (SYCAMORE SEEDLNG B.R.)	EACH	10
(6)(23)	803-01	SODDING (NEW SOD)	S.Y.	30575
(6)	805-01.01	TURF REINFORCEMENT MAT (CLASS I)	S.Y.	401
(6)	805-12.01	EROSION CONTROL BLANKET (TYPE I)	S.Y.	245
(6)(7)	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	15852
(6)	805-12.03	EROSION CONTROL BLANKET (TYPE III)	S.Y.	231

FOOTNOTES

(1) THIS INCLUDES, BUT IS NOT LIMITED TO WINGWALLS AND HEADWALLS. SEE SHEET 2F FOR TABULATED QUANTITIES.
(2) SEE GRADING SPECIAL NOTES ON SHEET 2D.
(3) INCLUDES 67 C.Y. FOR EROSION CONTROL.
(4) INCLUDES 42.7 M.G. FOR EMBANKMENT AND 197.3 M.G. FOR BASE.
(5) 36 TONS SHALL BE USED FOR PLANT STARTUP AND HEATING UP EQUIPMENT AT THE BEGINNINGOF EACH SHIFT; 15 TONS WASTE MATERIAL PER DAY.
(6) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT. ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
(7) INCLUDES 439 S.Y. FOR SPECIAL DITCHES AND 15413 S.Y. FOR EROSION CONTROL.
(8) INCLUDES THE COST OF THE BEDDING MATERIAL. SEE STANDARD DRAWING NO. D-PB-1 AND D-PB-2 FOR ADDITIONAL DETAILS.
(9) TO BE USED FOR PERMANENT OUTLET PROTECTION.
(10) TO BE USED FOR TACK COAT UNDERNEATH OGFC. HOT APPLIED TRACKLESS TACK MAY BE EITHER HOT APPLIED ASPHALT BINDER OR AN APPROVED HOT APPLIED TRACKLESS TACK COAT FROM QPL 40, SECTION F. IF USING ASPHALT BINDER THE MINIMUM GRADE SHALL BE PG64-22 BUT A HIGHER GRADE MAY BE USED AT THE CONTRACTOR'S DISCRETION.
(11) INCLUDES 88 THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.
(12) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET NO. 2C, FINAL PAVEMENT MARKING NOTE (6C) FOR MORE INFORMATION.
(13) SEE SHEET 2G1 FOR SIGN LOCATIONS.
(14) THIS INCLUDES REMOVAL OF THE TEMPORARY PAVEMENT FROM STA. 1030+00 TO STA. 1048+05 (RT. OF MEDIAN).
(15) AT THE START OF EACH NIGHT'S PAVING PRODUCE APPROXIMATELY 15 TONS OF THE BITUMINOUS PAVEMENT FOR THE PURPOSE OF PLANT START UP AND HEATING UP THE MATERIAL TRANSFER DEVICE (MTD). THIS MATERIAL SHALL BE UNLOADED INTO THE MTD AT A MINIMUM TEMPERATURE 280F AND THE ENTIRE LOAD DISCHARGED THROUGH THE MTD AND WASTED OFF THE PROJECT SITE IMMEDIATELY PRIOR TO THE COMMENCING PAVING OPERATIONS.
(16) USE AN APPROVED TRACKLESS TACK FROM QPL 40-F APPLIED WITH A DISTRIBUTOR AT A MINIMUM RATE OF 0.20 GAL/SY (APPROXIMATE RESIDUAL RATE 0.10 GAL/SY). PAVING OF THE OGFC SHALL NOT BEGIN UNTIL THE DEPARTMENT IS SATISFIED THE APPLICATION RATE IS ACHIEVED AND THE EMULSION HAS FULLY BROKEN. MULTIPLE PASSES MAY BE REQUIRED. OR, EMULSION TYPE CQS-1HP MAY BE APPLIED WITH A SPRAY PAVER AT AN APPLICATION RATE BETWEEN 0.18 TO 0.23 GAL/SY. THE SPRAY PAVER SHALL BE A SINGLE PIECE OF EQUIPMENT THAT APPLIES THE TACK COAT AND SPREADS THE BITUMINOUS PAVEMENT. AT A MINIMUM THE SPRAY PAVER SHALL MEET THE PAVER REQUIREMENTS OF 407.06 AND THE DISTRIBUTOR REQUIREMENTS IN 402.03.
(17) TO BE USED AS EXISTING PIPE LINER AND FOR CULVERT REPAIR.
(18) INCLUDES 505 S.Y. FOR EROSION CONTROL AND 127 S.Y. FOR PIPE RIPRAP.
(19) SEE SHEET 2F FOR TABULATED QUANTITIES.
(20) ITEM TO BE USED AS DIRECTED BY THE ENGINEER.
(21) CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.
(22) ITEM TO BE USED FOR UNDERDRAINS.
(23) INCLUDES 913 S.Y. FOR SPECIAL DITCHES.

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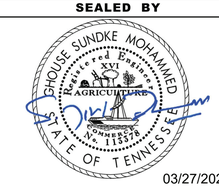

03/27/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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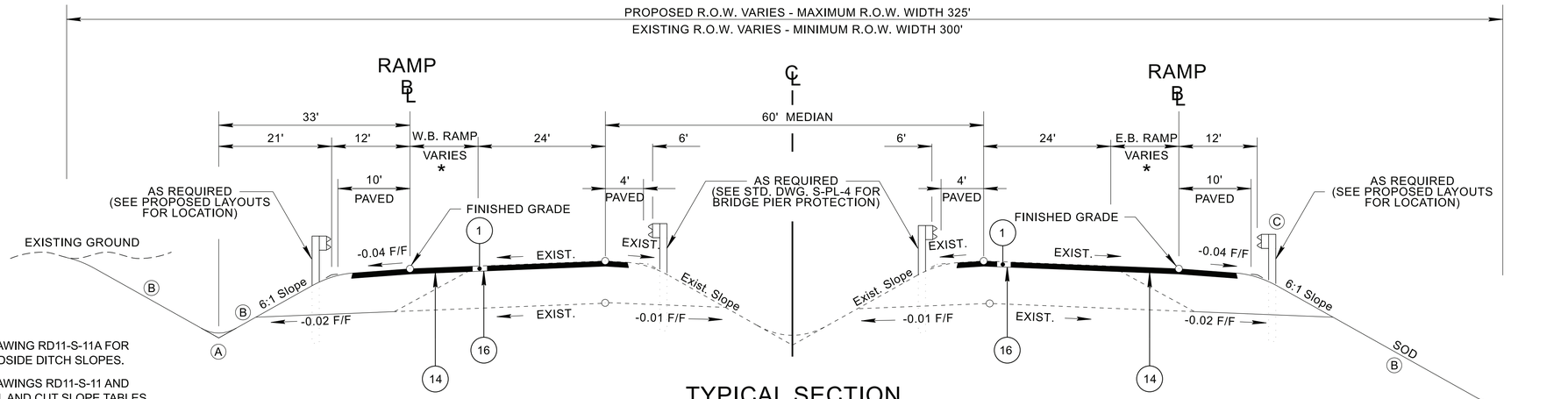
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B
PIH	2025	39I040-S3-006	2B
PS&E	2026	39I040-S3-006	2B



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

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 S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

NOTE: ALL DISTURBED SLOPES TO BE SODDED, ITEM 803-01

TYPICAL SECTION

(BASED ON STD. DWG. RD11-TS-5)
I-40
FROM STA. 989+93.91 TO STA. 1040+28.46

E.B. MILL AND OVERLAY SECTION

FROM STA. 995+49.42 TO STA. 1040+28.46

W.B. MILL AND OVERLAY SECTION

FROM STA. 989+93.91 TO STA. 1034+43.74

* SEE SHEETS 2B1-2B4 FOR RAMP TYPICAL SECTIONS

PROPOSED PAVEMENT SCHEDULE

1. ASPHALTIC CONCRETE SURFACE (HOT MIX) PG76-22
   GRADING "OGFC" SURFACE @ 1.25" THICK (APPROX. 110 LB./S.Y.)
   411-03.23 ASPHALT CONCRETE MIX (PG76-22) GRADING "OGFC"
2. ASPHALTIC CONCRETE SURFACE (HOT MIX) PG64-22
   GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.5 LB./S.Y.)
   411-01.10 ASPHALT CONCRETE MIX (PG64-22) GRADING "D"
3. BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22
   GRADING "CM" @ 1.50" THICK (APPROX. 165 LB./S.Y.)
   307-03.12 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "CM"
4. BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22
   GRADING "CM" @ 1.50" THICK (APPROX. 165 LB./S.Y.)
   307-01.18 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "CM"
5. BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22
   GRADING "BM-2" @ 2.00" THICK (APPROX. 226 LB./S.Y.)
   307-03.08 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "B-M2"
6. BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22
   GRADING "B-M2" @ 2.00" THICK (APPROX. 226 LB./S.Y.)
   307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "B-M2"
7. BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22
   GRADING "A" @ 3.00" THICK (APPROX. 345 LB./S.Y.)
   307-03.01 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "A"
8. BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22
   GRADING "A" @ 3.00" THICK (APPROX. 345 LB./S.Y.)
   307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "A"
9. BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22
   GRADING "A-S" @ 3.00" THICK (APPROX. 318 LB./S.Y.)
   307-01.22 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "A-S"
10. BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22
    GRADING "A-S" @ 3.00" THICK (APPROX. 318 LB./S.Y.)
    307-01.20 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "A-S"
11. MINERAL AGGREGATE, 8.00" THICK
    303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
12. MINERAL AGGREGATE, 14.00" THICK
    303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
13. MINERAL AGGREGATE, 6.00" THICK
    303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
14. COLD PLANING BITUM. PVM'T, 1.25" THICK (110.0 LB. /SQ. YD.)
    415-01.01 COLD PLANING BITUMINOUS PAVEMENT
15. TACK COAT
    403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
    "SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD"
16. HOT APPLIED TACK COAT (ALTERNATE AA1)
    403-02.02 BITUMINOUS MATERIAL FOR TACK COAT (TC) (0.13 - 0.18 GAL./S.Y.)
    (OR)
    16 TRACKLESS TACK COAT (ALTERNATE AA2)
    403-02.01 BITUMINOUS MATERIAL FOR TACK COAT (TC) AT 0.20 GAL./S.Y.
17. PRIME COAT
    402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) (0.30 - 0.35 GAL./S.Y.)
    402-02 AGGREGATE FOR COVER MATERIAL (PC) (8 - 12 LB./S.Y.)
18. UNDERDRAIN (DETAIL "F", SEE STD. RD-UD-3)
    710-02 AGGREGATE UNDERDRAINS WITH PIPE

NOTE: SEE SHEETS T1-T30 FOR TRAFFIC CONTROL TYPICAL SECTIONS

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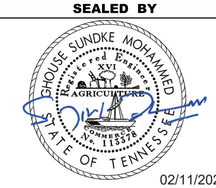

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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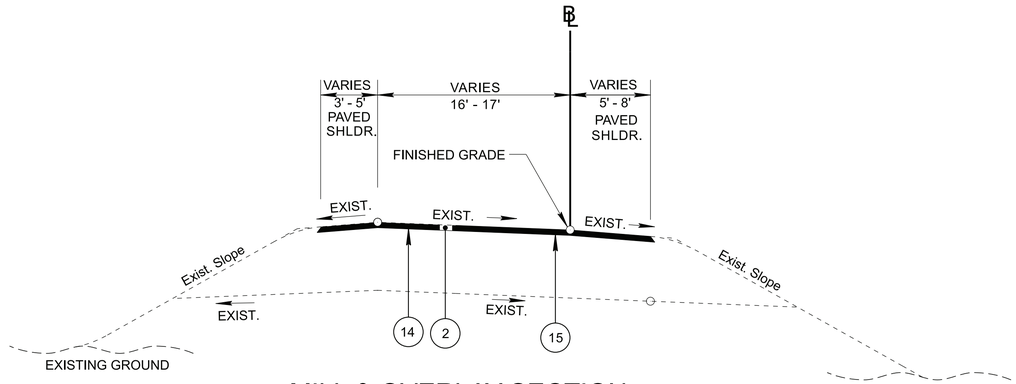
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B1
PIH	2025	39I040-S3-006	2B1
PS&E	2026	39I040-S3-006	2B1

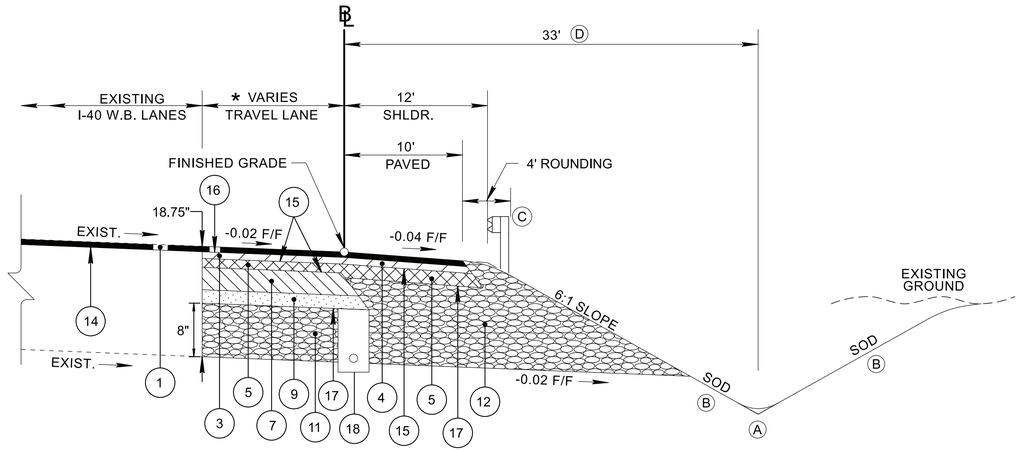


MILL & OVERLAY SECTION
I-40 WESTBOUND ON RAMP

(BASED ON STD. DWG. RD11-TS-4)
FROM STA. 100+20.90 TO STA. 107+98.48

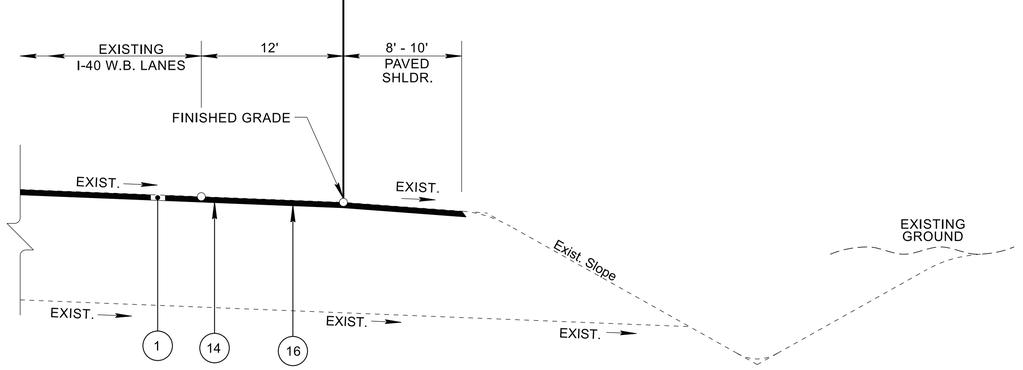
* TRAVEL LANE TRANSITION WIDTH

WESTBOUND ON RAMP	
FROM	TO
0' @ 111+00.00	12' @ 114+00.00
12' @ 115+27.04	0' @ 123+67.13



TANGENT SECTION
I-40 WESTBOUND ON RAMP

(STANDARD DRAWING NO. RD11-TS-5)
FROM STA. 111+00.00 TO STA. 123+67.13



MILL & OVERLAY SECTION
I-40 WESTBOUND ON RAMP

(STANDARD DRAWING NO. RD11-TS-5)
FROM STA. 107+98.48 TO STA. 111+00.00

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

(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 S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

(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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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

I-40 WESTBOUND ON RAMP

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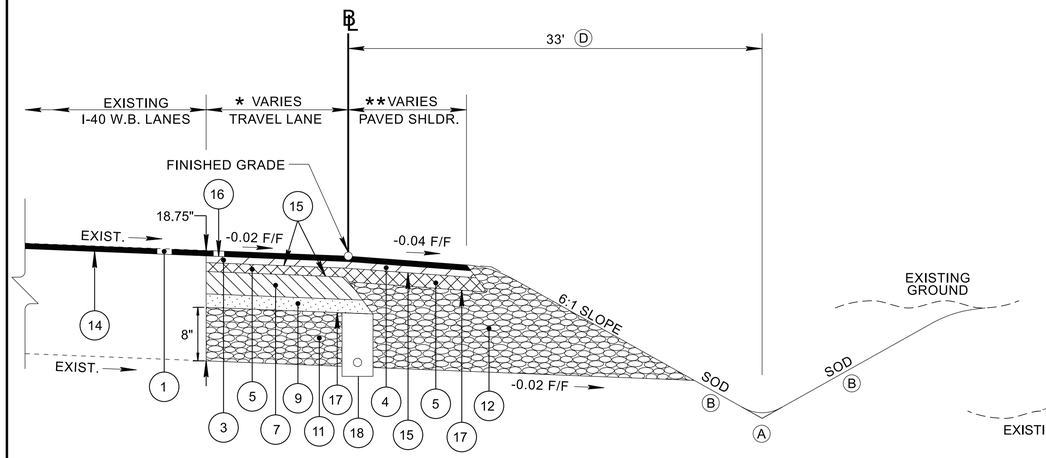
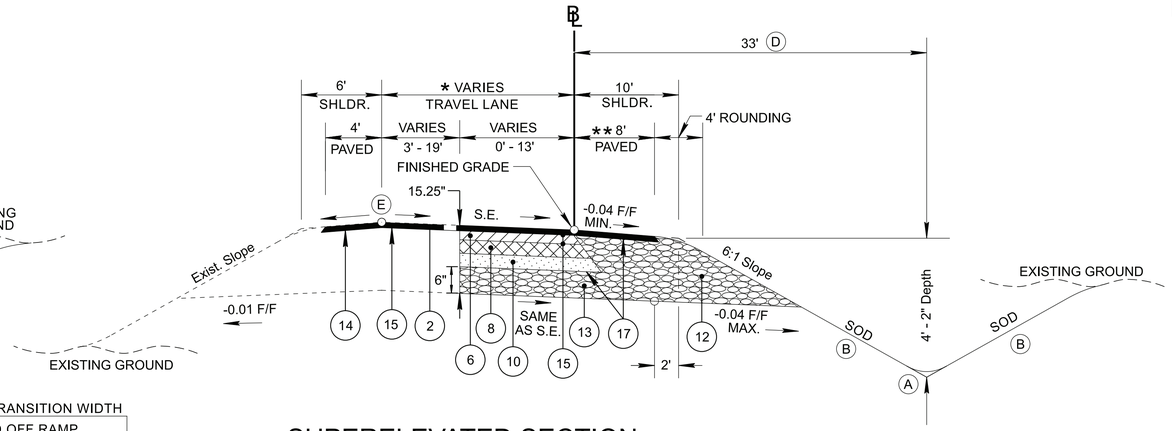
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B2
PIH	2025	39I040-S3-006	2B2
PS&E	2026	39I040-S3-006	2B2



TANGENT SECTION
I-40 WESTBOUND OFF RAMP

(STANDARD DRAWING NO. RD11-TS-5)

FROM STA. 200+00.00 TO STA. 209+30.19



SUPERELEVATED SECTION
I-40 WESTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)

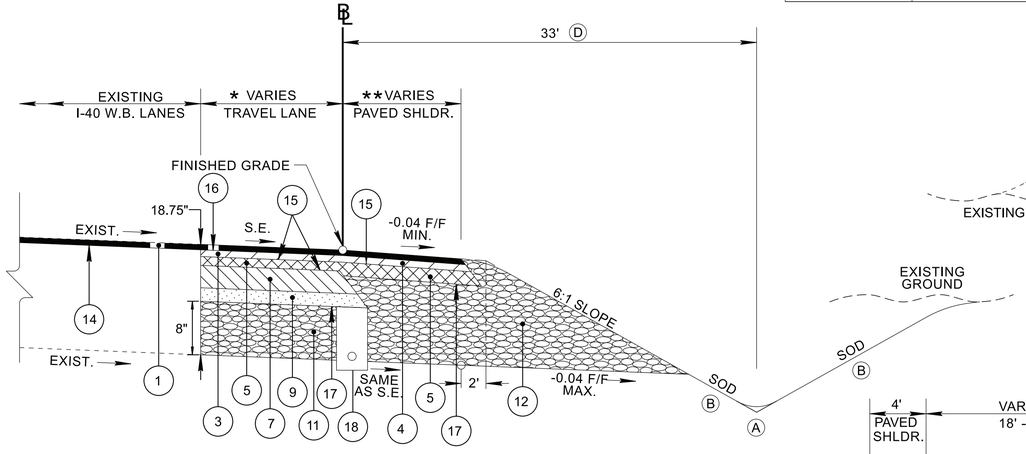
FROM STA. 210+25.90 TO STA. 212+67.07

* TRAVEL LANE TRANSITION WIDTH

WESTBOUND OFF RAMP	
FROM	TO
0' @ 200+00.00	12' @ 203+00.19
12' @ 209+00.78	16' @ 210+25.90
16' @ 210+25.90	19' @ 212+97.07

** OUTSIDE SHLDR. TRANSITION WIDTH

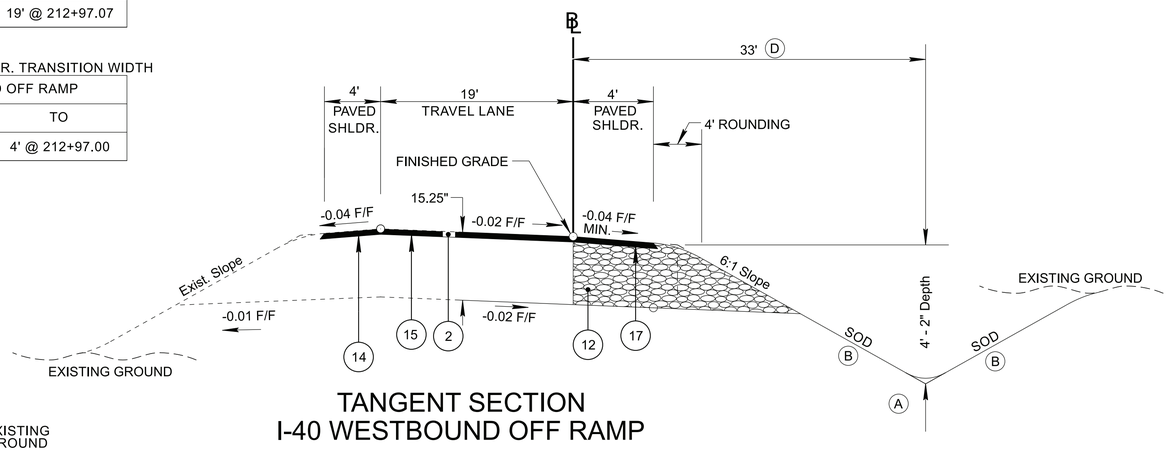
WESTBOUND OFF RAMP	
FROM	TO
12' @ 209+00.19	4' @ 212+97.00



SUPERELEVATED SECTION
I-40 WESTBOUND OFF RAMP

(STANDARD DRAWING NO. RD11-TS-5)

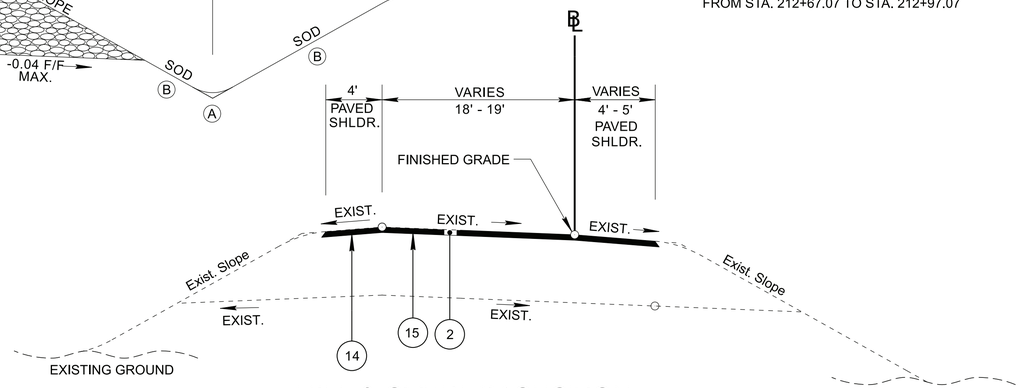
FROM STA. 209+30.19 TO STA. 210+25.90



TANGENT SECTION
I-40 WESTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)

FROM STA. 212+67.07 TO STA. 212+97.07



MILL & OVERLAY SECTION
I-40 WESTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)

FROM STA. 212+97.07 TO STA. 221+07.56

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

(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 S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

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

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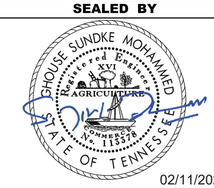

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

I-40 WESTBOUND OFF RAMP

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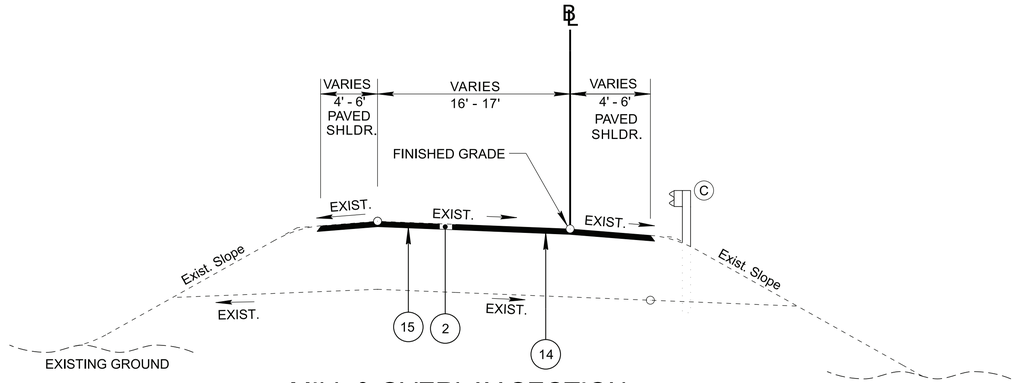
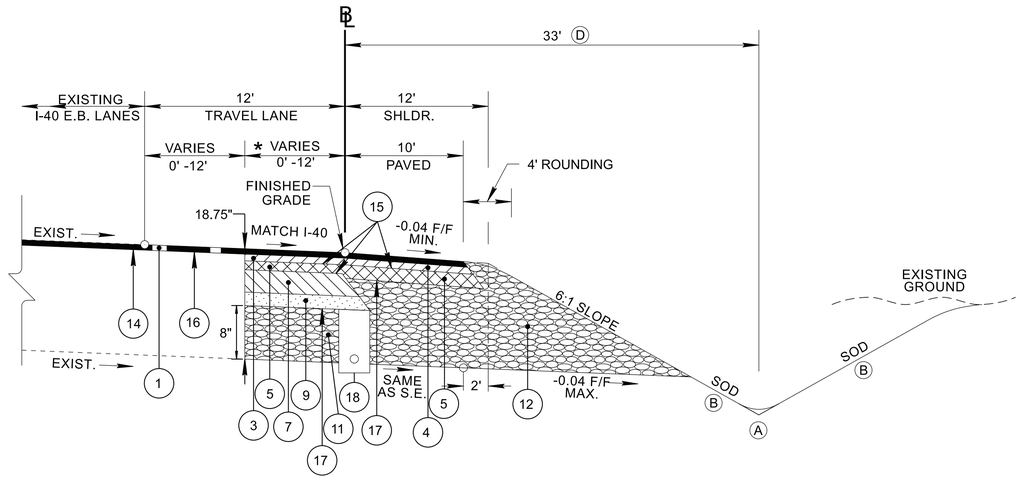
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B3
PIH	2025	39I040-S3-006	2B3
PS&E	2026	39I040-S3-006	2B3



MILL & OVERLAY SECTION
I-40 EASTBOUND ON RAMP

(BASED ON STD. DWG. RD11-TS-4)
FROM STA. 300+12.51 TO STA. 310+13.87

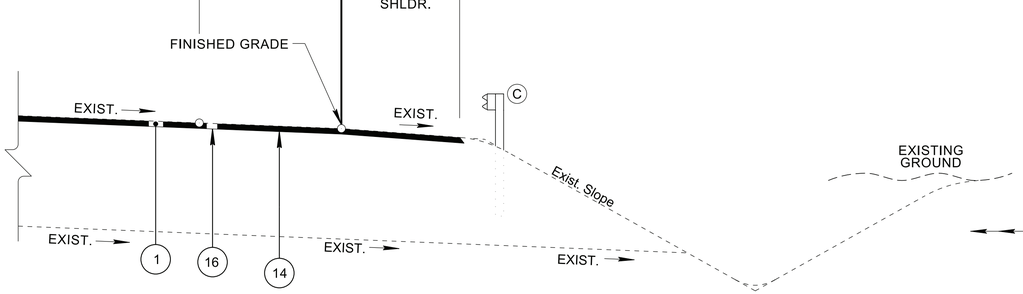


SUPERELEVATED SECTION
I-40 EASTBOUND ON RAMP

(STANDARD DRAWING NO. RD11-TS-5)
FROM STA. 313+89.24 TO STA. 316+28.00

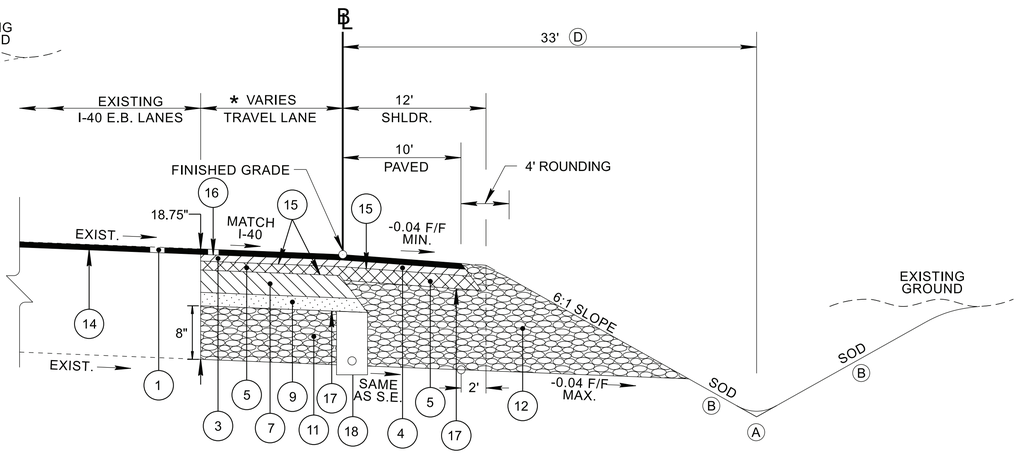
* TRAVEL LANE TRANSITION WIDTH

EASTBOUND ON RAMP	
FROM	TO
0' @ 313+89.24	12' @ 316+28.04
13' @ 317+40.79	0' @ 325+80.75



MILL & OVERLAY SECTION
I-40 EASTBOUND ON RAMP

(STANDARD DRAWING NO. RD11-TS-5)
FROM STA. 310+13.87 TO STA. 313+89.24



SUPERELEVATED SECTION
I-40 EASTBOUND ON RAMP

(STANDARD DRAWING NO. RD11-TS-5)
FROM STA. 316+28.00 TO STA. 325+80.75

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

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 S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

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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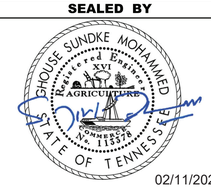

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

I-40 EASTBOUND ON RAMP

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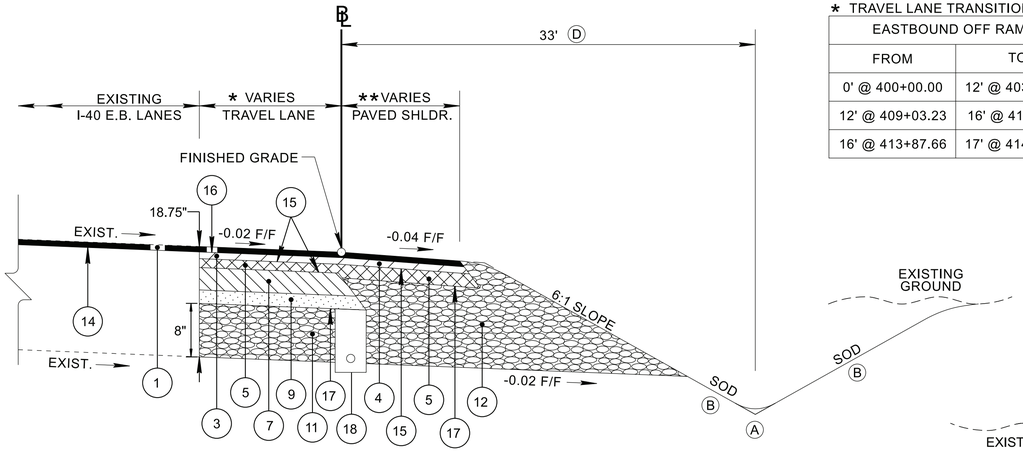
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B4
PIH	2025	39I040-S3-006	2B4
PS&E	2026	39I040-S3-006	2B4



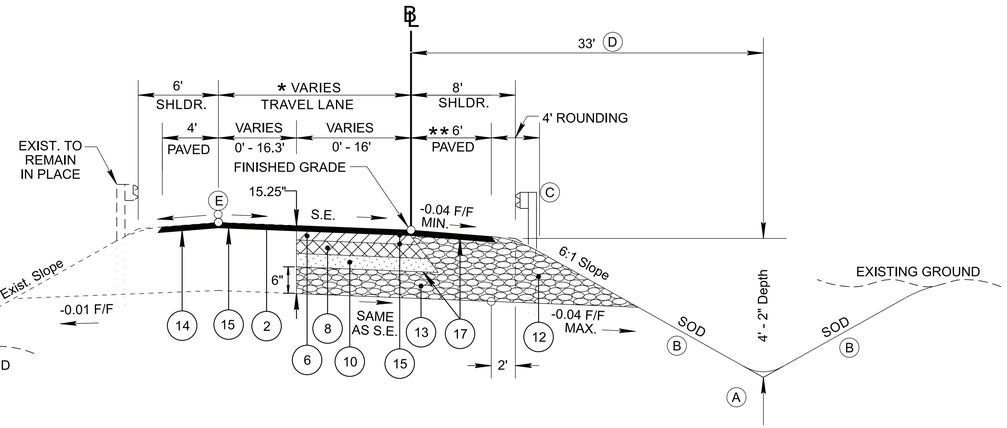
* TRAVEL LANE TRANSITION WIDTH

EASTBOUND OFF RAMP	
FROM	TO
0' @ 400+00.00	12' @ 403+00.03
12' @ 409+03.23	16' @ 410+37.34
16' @ 413+87.66	17' @ 414+87.66

TANGENT SECTION
I-40 EASTBOUND OFF RAMP

(STANDARD DRAWING NO. RD11-TS-5)

FROM STA. 400+00.00 TO STA. 409+33.23



*** INSIDE SHLDR. TRANSITION WIDTH

EASTBOUND OFF RAMP	
FROM	TO
4' @ 413+87.66	3' @ 414+87.66

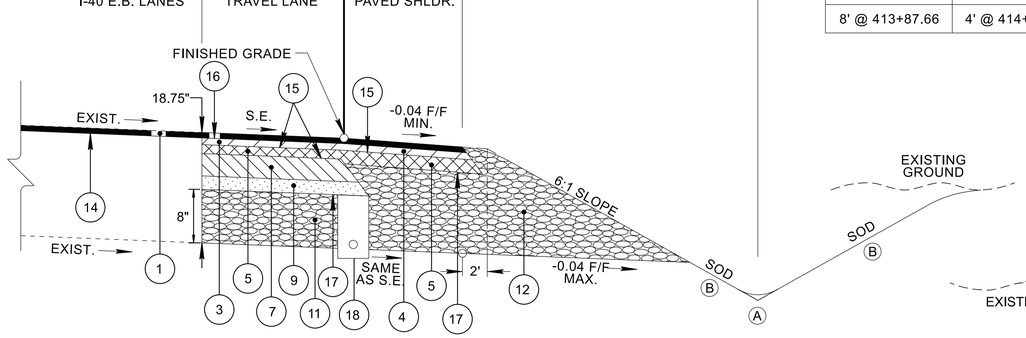
SUPERELEVATED SECTION
I-40 EASTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)

FROM STA. 410+37.34 TO STA. 414+57.66

** OUTSIDE SHLDR. TRANSITION WIDTH

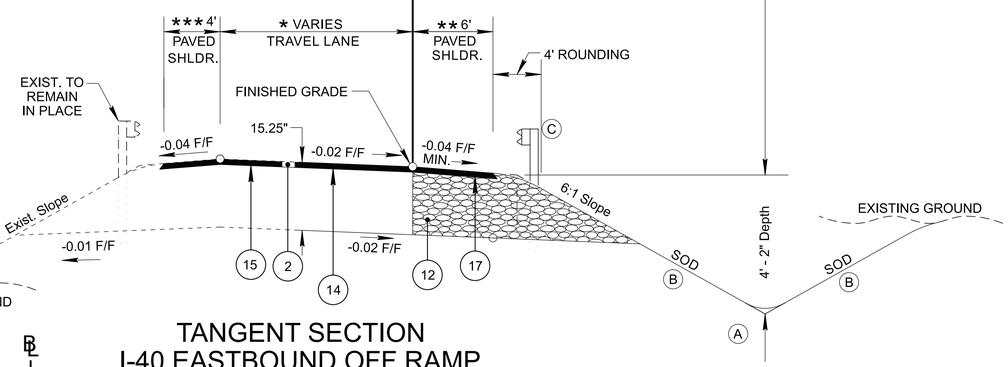
EASTBOUND OFF RAMP	
FROM	TO
12' @ 409+03.23	8' @ 410+37.34
8' @ 413+87.66	4' @ 414+87.66



SUPERELEVATED SECTION
I-40 EASTBOUND OFF RAMP

(STANDARD DRAWING NO. RD11-TS-5)

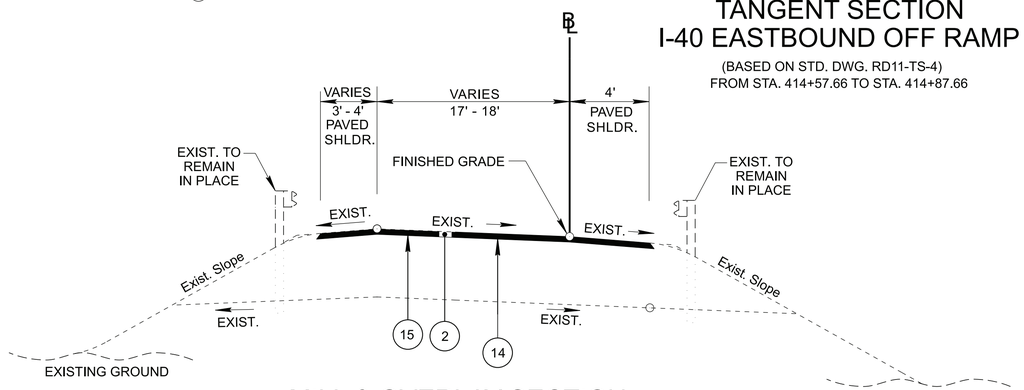
FROM STA. 409+33.23 TO STA. 410+37.34



TANGENT SECTION
I-40 EASTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)

FROM STA. 414+57.66 TO STA. 414+87.66



MILL & OVERLAY SECTION
I-40 EASTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)

FROM STA. 414+87.66 TO STA. 419+29.59

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

Ⓑ 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.

Ⓒ SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

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

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

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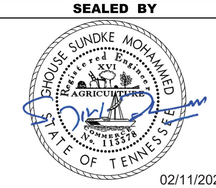

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

I-40 EASTBOUND OFF RAMP

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	2C
PS&E	2026	39I040-S3-006	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.

(4) ITEM NO. 801-01, SEEDING (WITH MULCH), SHALL BE USED WHERE EROSION CONTROL BLANKET OR SOD ARE NOT APPLIED.

(5) ITEM NO. 801-02, SEEDING (WITHOUT MULCH) AND EROSION CONTROL BLANKET, SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS AS WELL AS LOCATIONS DIRECTED BY THE ENGINEER.

GUARDRAIL

(1) THE CONTRACTOR SHALL NOT REMOVE ANY SECTIONS OF EXISTING GUARDRAIL TO REWORK SHOULDERS OR FLATTEN SLOPES UNTIL THE ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO CONSTRUCTION REQUIREMENTS AND THE APPROPRIATE WARNING DEVICES ARE INSTALLED. THE PROPOSED GUARDRAIL, INCLUDING ANY ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION OF PROPOSED GUARDRAIL, INCLUDING ANCHORS, UNTIL IT IS COMPLETE IN PLACE.

(3) IF ANY APPROACH END OF A SECTION OF GUARDRAIL OR BRIDGE RAIL MUST TEMPORARILY BE LEFT INCOMPLETE AND EXPOSED TO TRAFFIC, THE CONTRACTOR SHALL USE TWO (2) TEMPORARY BARRICADES OR DRUMS WITH TYPE “A” LIGHTS AND ROUNDED END ELEMENTS AS MINIMUM MEASURES TO PROTECT TRAFFIC FROM THE HAZARD OF AN EXPOSED END. ALL COST OF FURNISHING AND INSTALLING TEMPORARY BARRICADES OR DRUMS WITH TYPE “A” LIGHTS TO DELINEATE GUARDRAIL END AND A TEMPORARY ROUNDED END ELEMENT SHALL BE INCLUDED IN THE COST OF THE PROPOSED GUARDRAIL END TERMINAL.

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, STORM SEWERS, CONDUITS, ALL OTHER CULVERTS AND MINOR STRUCTURES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE.

(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.

FENCING

(1) LOCATION OF THE FENCE SHALL BE ONE FOOT INSIDE THE RIGHT-OF-WAY EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS.

(2) FENCES SHALL BE TURNED IN AT DRAINAGE STRUCTURES, STOCK PASSES AND BRIDGES WHERE DIRECTED BY THE ENGINEER SO AS TO ABUT WINGWALLS AND/OR ABUTMENTS.

(3) THE CONTRACTOR SHALL GIVE THE AFFECTED PROPERTY OWNERS A TWO-WEEK NOTICE PRIOR TO CUTTING FENCES.

(4) THE CONTRACTOR SHALL BE REQUIRED TO INSTALL ACCESS CONTROL FENCES PRIOR TO CUTTING EXISTING STOCK FENCES IN AREAS UTILIZED BY DOMESTIC LIVESTOCK OR OTHER AREAS AS DIRECTED BY THE ENGINEER.

MISCELLANEOUS

(1) ALL DETOUR, ACCESS, SERVICE AND FRONTAGE ROADS SHALL BE CONSTRUCTED WITH A MINIMUM OF ONE (1) COURSE OF BASE MATERIAL BEFORE TRAFFIC IS INTERRUPTED ON EXISTING ROADS.

(2) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES AND POSTS WHERE AND AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED IN PRICE BID FOR OTHER CONSTRUCTION ITEMS.

(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.

ROAD CLOSURE

(1) NO LESS THAN SEVEN (7) DAYS PRIOR TO THE CLOSURE OF THE ROAD, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS OR AGENCIES COMPLETELY DESCRIBING THE AFFECTED ROADS AND THE APPROXIMATE DURATION OF THE CONSTRUCTION: THESE PARTIES INCLUDE, BUT ARE NOT LIMITED TO: (1) LOCAL LAW ENFORCEMENT OFFICE, (2) LOCAL FIRE DEPARTMENT, (3) AMBULANCE SERVICE, (4) LOCAL SCHOOL SUPERINTENDENT, (5) UNITED STATES POSTAL SERVICE, AND (6) LOCAL ROAD SUPERINTENDENT.

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.

(5) 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. 716-05.49, PAINTED PAVEMENT MARKING (8” LINE), LIN.FT.

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.

(9) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 8” 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. 716-12.03, ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE), L.F. 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.

(14) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 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 (6IN LINE), L.M.

DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

(16) THE PAVEMENT MARKING ON THE LANE SHIFT FOR EDGELINES AND LANE LINES WILL BE INSTALLED AND MAINTAINED TO THE SAME STANDARDS AS FOR PERMANENT MARKINGS ON THE MAIN ROADWAY. THESE MARKINGS SHALL BE IN PLACE PRIOR TO ALLOWING TRAFFIC ONTO THE PAVEMENT. THESE PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.20 PAINTED PAVEMENT MARKING (6IN LINE), L.M.

(17) BEFORE OPENING THE LANE SHIFT TO TRAFFIC, THE TRANSITIONAL MARKINGS ON THE EXISTING ROADWAY MUST BE IN PLACE. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 712-09.08 PER L.F. ALL EXISTING MARKINGS IN THE AREA OF THESE TRANSITIONAL MARKINGS SHALL BE OBLITERATED AND ALL EXISTING RAISED PAVEMENT MARKERS SHALL BE REMOVED TO ELIMINATE CONFLICTING MARKINGS. REMOVAL OF THE EXISTING CONFLICTING MARKINGS AND RAISED PAVEMENT MARKERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN ITEM NO. 712-01, TRAFFIC CONTROL, LUMP SUM.

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.

(3) THE CONTRACTOR SHALL ATTACH A DEVICE TO THE SCREED OF THE PAVER SUCH THAT MATERIAL IS CONFINED AT THE END GATE AND EXTRUDES THE ASPHALT MATERIAL IN SUCH A WAY THAT RESULTS IN A CONSOLIDATED WEDGE-SHAPE PAVEMENT EDGE OF APPROXIMATELY 25 TO 30 DEGREES AS IT LEAVES THE PAVER (MEASURED FROM A LINE PARALLEL TO THE PAVEMENT SURFACE.) THE DEVICE SHALL MEET THE REQUIREMENTS THAT ARE CURRENTLY SET FORTH IN SPECIAL PROVISION 407SE.

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.

(3) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE

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02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	2C1
PS&E	2026	39I040-S3-006	2C1

GENERAL NOTES CONT'D

SIGNING CONT'D

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.

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

(5) AFTER THE SIGN LOCATIONS HAVE BEEN STAKED, BUT PRIOR TO ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE REGIONAL OPERATIONS OFFICE.

(6) THE CONTRACTOR SHALL BE REQUIRED TO FURNISH LAYOUT DRAWINGS OF ALL EXTRUDED PANEL SIGNS WITH SPACING OF ALL LETTERS, NUMERALS, SHIELDS, AND ARROWS. ONE PDF SET OF THE LAYOUT DRAWINGS SHALL BE SENT TO THE TRAFFIC DESIGN DIVISION, SIGNING SECTION (TDOT.TrafficDesign.SignsandMarking@tn.gov) FOR REVIEW. ONE PDF SET OF THE LAYOUT DRAWINGS SHALL BE SENT TO THE REGIONAL SIGN DESIGNER FOR REVIEW.

(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 SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND, OR BROWN BACKGROUND.

(10) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ERECTION.

(11) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS.

(12) 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.

(13) AFTER THE PERMANENT SIGN LOCATIONS HAVE BEEN STAKED, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE CONSTRUCTION FIELD OFFICE. PAYMENT FOR LOCATION AND STAKING SHOULD BE INCLUDED IN THE BID PRICE FOR OTHER ITEMS OF CONSTRUCTION. ANY RELOCATION REQUIRED, DUE TO THE SIGN NOT BEING INSTALLED IN THE CORRECT LOCATION, WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

TRAFFIC CONTROL DIRECTIONAL SIGNING

(1) ON ALL ACCESS CONTROLLED AND INTERSTATE RECONSTRUCTION AND NEW CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL UTILIZE ALL EXISTING DIRECTIONAL SIGNING FOR AS LONG AS POSSIBLE. THESE EXISTING SIGNS CAN BE MOVED USING TEMPORARY SUPPORTS AS NEEDED. AS SOON AS THESE EXISTING DIRECTIONAL SIGNS COME DOWN PERMANENTLY, THE CONTRACTOR SHALL HAVE UP AT LEAST ONE NEW TEMPORARY "ADVANCE GUIDE SIGN" AND ONE NEW TEMPORARY "EXIT DIRECTIONAL SIGN" AT ALL EXIT RAMPS. THESE SIGNS ARE TO BE MAINTAINED WITHIN CLEAR VIEW OF THE PUBLIC ON THE RIGHT SIDE OF THE HIGHWAY AND SHALL BE REPLACED IF DAMAGED, DURING ALL PHASES OF CONSTRUCTION, AS DIRECTED BY THE ENGINEER.

(2) THE SIZE OF THESE NEW TEMPORARY SIGNS WILL BE DETERMINED BY THE MESSAGE. THE MESSAGE SHALL BE THE SAME AS THE EXISTING SIGN THAT THESE NEW TEMPORARY SIGNS WILL BE REPLACING. THE LETTER SIZE SHALL BE A MINIMUM OF 8 INCH, "D" UPPER CASE LETTER. THE DIRECTIONAL ARROW WILL BE A "B" ARROW AT A 45 DEGREE ANGLE (SAME ANGLE AS THE EXISTING ARROW). THE MATERIAL SHALL BE 0.100 INCH SHEET ALUMINUM; THE COLOR SHALL BE A REFLECTIVE GREEN BACKGROUND WITH REFLECTIVE WHITE COPY.

(3) ALL WORK AND MATERIAL TO MAKE THESE NEW TEMPORARY DIRECTIONAL SIGNS ALONG WITH ADEQUATE SUPPORTS AND TO MOVE THEM AS NEEDED DURING EACH PHASE OF CONSTRUCTION WILL BE PAID FOR UNDER ITEM NO. 712-01, AS DIRECTED BY THE ENGINEER.

(4) SOME OF THESE DIRECTIONAL SIGNS WILL NEED AN INTERSTATE, U.S., OR A STATE HIGHWAY SHIELD, A CARDINAL DIRECTION, AND A DIRECTION ARROW TO ACCOMPANY THE DIRECTIONAL SIGN. THESE SIGNS SHALL BE MOUNTED BELOW THE DIRECTIONAL SIGN.

(6) WHEN "LOGO" SIGNS ARE ON ACCESS CONTROLLED AND INTERSTATE RECONSTRUCTION AND NEW CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THESE SIGNS IN FULL VIEW TO THE MOTORING PUBLIC DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO THE DEPARTMENT FOR THE REIMBURSEMENT OF THE SIGN FACE IF IT IS DAMAGED. ALL WORK IN MOVING THESE "LOGO" SIGNS AND THE TEMPORARY SUPPORTS ARE TO BE PAID FOR UNDER ITEM NO. 712-01, AS DIRECTED BY THE ENGINEER. THE SUPPORTS FOR THE FINAL LOCATION OF THESE SIGNS WILL BE PAID FOR UNDER OTHER ITEMS OF CONSTRUCTION.

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.

LIGHTING

(1) INSTALLATION AND MATERIALS SHALL COMPLY WITH SECTIONS 714 AND 917 OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 1, 2021 AND WITH THE LATEST REVISIONS TO THE NATIONAL ELECTRIC CODE, NFPA 70.

(2) ALL WIRING SHALL BE CONCEALED UNDERGROUND IN 2-INCH SCHEDULE 40 PVC RIGID CONDUIT.

(3) THE GROUND WIRE SHALL BE RUN INSIDE CONDUIT WITHIN STRUCTURES, SHALL BE COLORED GREEN AND HAVE THW INSULATION.

(4) EXISTING FOUNDATIONS TO BE REMOVED A MINIMUM OF SIX INCHES BELOW GRADE.

(5) ALL INCIDENTAL EQUIPMENT AND MATERIAL REQUIRED FOR THE SUCCESSFUL EXECUTION OF THIS WORK SHALL BE FURNISHED IN 714 ITEMS WHETHER SPECIFICALLY NOTED OR NOT.

(6) LIGHT STANDARDS SHALL BE ROUND TAPERED POLES. LENGTH SHALL BE DETERMINED BY REQUIRED MOUNTING HEIGHT.

(7) STANDARDS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRST EDITION (2021) OF THE LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

(9) ALL NEW ROADWAY LIGHT STANDARDS SHALL BE MOUNTED ON BASES WITH ACCESS DOOR. TRANSFORMER BASES SHALL MEET AASHTO SPECIFICATIONS AND HAVE FHWA APPROVAL. STANDARDS SHALL BE ALUMINUM WITH TRANSFORMER BASES.

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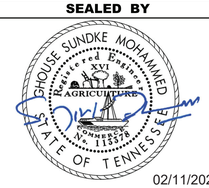

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	2D
PS&E	2026	39I040-S3-006	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.

(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) TRAFFIC WILL BE ALLOWED TO TEMPORARILY DRIVE ON THE MILLED SURFACE OF THE ROADWAY UNDER THE FOLLOWING CONDITIONS ONLY:

A. THE MILLED SURFACE IS FINE TEXTURED. THE FINE TEXTURE SHALL BE OBTAINED BY A MILLING MACHINE UTILIZING A MILLING HEAD WITH TEETH SPACING 3/8" OR LESS OPERATING AT LESS THAN 80 FEET PER MINUTE.

B. THE SURFACE SHALL BE SWEPT AND CLEANED OF ALL LOOSE MATERIALS.

C. THE MILLED SURFACE SHALL BE PAVED WITHIN 72 HOURS IF THE CURRENT ADT IS ≥ 70,000 OR WITHIN 96 HOURS IF THE CURRENT ADT IS < 70,000.

D. RAIN OR INCLEMENT WEATHER IS NOT EXPECTED OR FORECASTED WITHIN 48 HOURS AFTER MILLING.

E. ALL APPLICABLE SIGNING IS INSTALLED IN ACCORDANCE WITH THE MUTCD. SIGNING SHALL INCLUDE MOTORCYCLE WARNING SIGNS (W8-15 AND W8-15P) PLACED IN ADVANCE OF ANY MILLED AREAS

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

G. ONLY ONE LANE IN EACH DIRECTION SHALL HAVE A MILLED SURFACE AT ONE TIME.

(2) 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.

OGFC PAVEMENT

(1) AT THE START OF EACH NIGHT'S PAVING PRODUCE APPROXIMATELY 15 TONS OF THE BITUMINOUS PAVEMENT FOR THE PURPOSE OF PLANT START UP AND HEATING UP THE MATERIAL TRANSFER DEVICE (MTD). THIS MATERIAL SHALL BE UNLOADED INTO THE MTD AT A MINIMUM TEMPERATURE 280F AND THE ENTIRE LOAD DISCHARGED THROUGH THE MTD AND WASTED OFF THE PROJECT SITE IMMEDIATELY PRIOR TO THE COMMENCING PAVING OPERATIONS.

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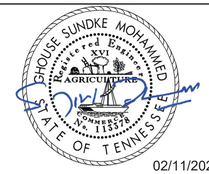

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2E
PIH	2025	39I040-S3-006	2E
PS&E	2026	39I040-S3-006	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 ROADWAY DESIGN DIVISION 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.

STREAMS, WETLANDS & BUFFER ZONES

(19) ONCE WATER IS DIVERTED INTO A NEWLY CONSTRUCTED AND STABILIZED RELOCATED STREAM / CHANNEL, THE ECOLOGY SECTION SHALL BE NOTIFIED. THE STREAM NAME, STREAM NUMBER, AND DATE THE WATER WAS DIVERTED INTO THE NEWLY CONSTRUCTED STREAM / CHANNEL SHALL BE SUPPLIED WITH THE NOTIFICATION.

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.

PROJECT COMMITMENTS

(5) NO PROJECT COMMITMENTS REQUIRED BY THIS PROJECT.

SCOPE OF WORK

(6) THE SCOPE INCLUDES IMPROVING THE INTERSTATE RAMPS BY INCREASING THE ACCELERATION AND DECELERATION LANES AT THE EXISTING INTERCHANGE OF I-40 AND S.R. 104 (EXIT 101). PROJECT INCLUDES GRADING, DRAINAGE, PAVING, GUARDRAIL, MARKING, SIGNING, AND LIGHTING.

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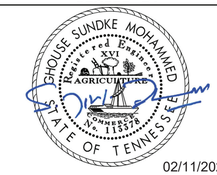

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIROMENTAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	2F
PS&E	2026	39I040-S3-006	2F

REMOVAL OF STRUCTURES: 202-01

SHEET NO.	STATION	LOCATION	DESCRIPTION	REMARKS
4	993+35.80, 97.50' LT.	I-40 C.L.	HEADWALL AT 24" RCP	
4	994+51.64, 99.00' LT.	I-40 C.L.	HEADWALL AT 15" RCP	
4	997+09.15, 101.15' LT.	I-40 C.L.	HEADWALL AT 15" RCP	
5	998+21.91, 95.87' RT.	I-40 C.L.	HEADWALL AT 18" RCP	
5	1001+13.94, 102.76' LT.	I-40 C.L.	HEADWALL AT 24" RCP	
5	1002+34.57, 102.47' RT.	I-40 C.L.	HEADWALL AT 24" RCP	
7	1027+18.46, 86.55' LT.	I-40 C.L.	WINGWALL AT 60" RCP	

REMOVAL OF SIGNS

SHEET NO.	STATION	OFFSET	DESCRIPTION	REMARKS
28	994+51.43	68.88' LT	INTERSTATE WITH DIRECTION SIGN	
29	1005+31.22	90.45' RT	EXIT DIRECTION SIGN	
29	1008+25.47	121.85' RT	EXIT RAMP SPEED SIGN	
29	1009+06.42	117.96' RT	NO PARKING SIGN	
29	1009+17.65	75.82' RT	EXIT GORE SIGN	
31	1028+12.13	68.37' LT	MILE MARKER 101 SIGN	
31	1028+49.03	74.83' LT	EXIT DIRECTION SIGN	
31	1029+85.09	79.47' RT	HIGHWAY MEMORIAL SIGN	
32	1036+07.27	84.02' RT	INTERSTATE WITH DIRECTION SIGN	

ESTIMATED GRADING QUANTITIES

DESCRIPTION	UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)
	EXC.	EMB.	EXC.
I-40 WB ON RAMP	781	8362	664
I-40 WB OFF RAMP	13203	3333	11223
I-40 EB ON RAMP	4207.9	1178.14	3577
I-40 EB OFF RAMP	2780	2636	2363
TEMPORARY PAVEMENT	707	2934	601
EPSC	67	0	57
TOPSOIL (EMB.)	0		
TOPSOIL (EXC.)	6809		
TOPSOIL TOTALS (SEE TOPSOIL TABLE)			

ROCK (C.Y.)		TOTALS (C.Y.)				
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
0	0	28555	18444	28555	21746	18485

BALANCE SUMMARY

SHRINK = 15 % SWELL = 20 %

EXC.		EMB.
18485	VS.	-18444
AVAILABLE	=	41
WASTE MATERIAL	=	48

TOPSOIL

IF EXISTING TOPSOIL IS SUITABLE FOR REUSE

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.
266954	6809	0	6809	4944	4944	0	1865

IF EXISTING TOPSOIL IS NOT SUITABLE FOR REUSE

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.
0	N/A	N/A	N/A	0	N/A	0	N/A

PROPOSED GUARDRAIL

SHEET NO.	LOCATION	SIDE		STATIONS		GUARDRAIL			TERMINAL ANCHORS		MEDIAN BARRIER	CABLE BARRIER		REMARKS
		LT	RT	FROM	TO	THRIE BEAM BRIDGE TRAN. MASH TL-3 (20.65') 705-06.25 EACH	W BEAM GR (TYPE 2) MASH TL3 705-06.01 (L.F.)	GUARDRAIL TRANSITION 27IN TO 31IN 705-02.10 (EACH)	TYPE 13 MASH TL3 (9.375') 705-06.10 (EACH)	TYPE 38 MASH TL3 (46.875') 705-06.20 (EACH)	51" CONCRETE MEDIAN BARRIER 711-05.71 (L.F.)	LONG-ITUDINAL 705-06.40 (L.F.)	TERMINAL 705-06.41 (EACH)	
6B	I-40 C.L.		X	1012+93.66	1013+69.86	1				1	55			BRIDGE PIER PROTECTON
6B	I-40 C.L.	X		1014+38.80	1015+15.06	1				1	55			BRIDGE PIER PROTECTON
4B, 5B, 6B	I-40 C.L.	X		982+34.00	1011+09.81							2876	2	
6B, 7B	I-40 C.L.		X	1019+70.84	1028+77.18							906	2	
4B, 5B	WB ON RAMP		X	111+00.00	123+67.35		1267.35	1		1				
5B, 6B	EB OFF RAMP		X	412+99.91	414+87.66		187.75	1		1				
7B	EB ON RAMP		X	309+50.97	313+86.88		435.91		1	1				
7B	WB OFF RAMP		X	205+44.45	209+06.31		361.86		1	1				
TOTALS						2	2253	2	2	6	110	3782	4	

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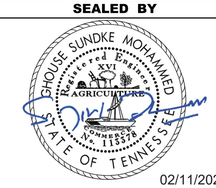

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	2F1
PS&E	2026	39I040-S3-006	2F1

PAVEMENT QUANTITIES

LOCATION (ROADWAY)	ALTERNATE	TYPE - GRADE - PAY ITEM (TON)																		AGGREGATE UNDERDRAINS (WITH PIPE) L.F.
		MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX)								PRIME COAT		TACK COAT	HOT APPLIED COAT	TRACKLESS TACK COAT	ASPHALTIC CONCRETE SURFACE (HOT MIX)			COLD PLANNING BITUMINOUS	
			PG-64-22				PG-76-22									PG-64-22	PG 76-22			
		D	A	A-S	B-M2	CM	A	A-S	B-M2	CM						D	D	OGFC		
		303-01	307-01.01	307-01.20	307-01.08	307-01.18	307-03.01	307-01.22	307-03.08	307-03.12	402-01	402-02	403-01	403 02.02	403 02.01	411-01.10	411-03.10	411-03.23	415-01.01	710-02
I-40 Mill & Overlay														22.0	30.0			1860.0	2219	
I-40 WB ON RAMP		2377.0				121.0	199.0	193.0	401.0	71.0	3.0	112.0	2.0	2.0	2.0	153.0	39.0	132.0	151	1246
I-40 WB OFF RAMP		2441.0	32.0	32.0	20.0	96.0	244.0	233.0	431.0	104.0	4.0	120.0	3.0	2.0	2.0	218.0	33.0	132.0	196	1008
I-40 EB ON RAMP		2713.0				114.0	208.0	201.0	404.0	85.0	4.0	110.0	2.0	1.5	2.0	194.0	40.0	131.0	192	1171
I-40 EB OFF RAMP		2678.0	54.0	53.0	33.0	97.0	234.0	224.0	417.0	101.0	4.0	130.0	2.0	1.5	2.0	186.0	40.0	129.0	142	1019
TEMPORARY PAVEMENT		10244.0							1417.0		17.0	571.0	4.0				831.0			
TOTALS		20453.0	86.0	85.0	53.0	428.0	885.0	851.0	3070.0	361.0	32.0	1043.0	13.0	29.0	38.0	751.0	983.0	2384.0	2900	4444

CROSS DRAIN TABULATION

STATION	SKEW	RCP CLASS III FILL HEIGHT ≤ 16 FT. (L.F.)							RCP CLASS IV FILL HEIGHT > 16 FT. AND ≤ 24 FT (L.F.)						END TREATMENT INLET		END TREATMENT OUTLET		REMARKS
		18"	24"	30"	36"	42"	48"	60"	18"	24"	30"	36"	42"	48"	TYPE	DRAWING NO.	TYPE	DRAWING NO.	
993+35.50	90°		23												EXIST		ST	D-PE-4	
994+51.96	90°	27													JB1	D-JBS-1	U	D-PE-18A	
997+67.18	60°	46													ST	D-PE-4	ST	D-PE-4	
1001+72.73	60°		50												U	D-PE-24A,B	U	D-PE-24A,B	
1026+65.00	61°							40							WW	DPEW-1, 2	EXIST		
TOTALS		73	73					40											

Pipe Tabulation For Interstate Systems & Arterials With Full Access Control

STORM DRAIN ENDWALLS

LOCATION \ SHEET NO.	STATION	OFFSET (FT.)	SKEW	CODE	TYPE	STANDARD DRAWING NO.	RIP-RAP CLASS "C" 709-05.09 (TON)	PROTECTED ENDWALLS CLASS "A" CONCRETE 611-07.01 (C.Y.)	PROTECTED ENDWALLS STEEL BAR REINFORCING 611-07.02 (LB.)	SAFETY ENDWALLS (ITEM NO. 611-07.54 THRU 611-07.73 SERIES) 24" IN. 3:1 07.57 (EACH)	SAFETY ENDWALLS (ITEM NO. 611-07.54 THRU 611-07.73 SERIES) 18" IN. 3:1 07.73 (EACH)
WB ON RAMP, 4B	120+24.25	60.37' RT			ST	D-PE-4	37.0	1.5	70		
WB ON RAMP, 4B	119+08.31	65.59' RT			U	D-PE-18A	17.0				1
WB ON RAMP, 4B	116+65.44	62.11' RT			ST	D-PE-4	22.0	1.0	45		
WB ON RAMP, 5B	112+60.88	60.06' RT			U	D-PE-24A,B	78.0			1	
EB OFF RAMP, 5B	402+82.33	43.50' RT			ST	D-PE-4		1.5	70		
EB OFF RAMP, 5B	406+92.30	54.26' RT			U	D-PE-24A,B				1	
WB OFF RAMP, 7B	207+07.81	51.42' RT			-	DPEW-1, 2		13.3	671		
TOTALS							154.0	18.0	856	2	1

RIGHT OF WAY MARKERS

SHEET NO.	Item #: 708-02.01 QUANTITIES "A"	"B"	"C"	TOTALS
4A		2	2	4
5A		2	4	6
6A		1	1	2
7A		1	1	2
8A		1	1	2
TOTALS		7	9	16

CROSS DRAIN LINER

SHEET NO.	STATION	LOCATION	SKEW	PIPE SIZE (IN)	THICKNESS (IN)	LENGTH (FT)	LINER TYPE SAPL TYPE 1 GROUT (PIPE/CULVERT REPAIR) 607-25.01 (C.F.)	LINER TYPE SPRAY APPLIED PIPE LINER (SAPL) 607-25.02 (C.F.)
4B	993+35.50	I-40 C.L.	90°	24	1.0	184.5		92.6
4B, 5B	1001+72.73	I-40 C.L.	60°	24	1.0	236.7		118.7
7B	1026+65	I-40 C.L.	61°	60	1.0	219.3	282.3	
TOTALS						640	283.0	212.0

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CHOUSE SUNDKE MOHAMMED
REGISTERED PROFESSIONAL ENGINEER
AGRICULTURE
No. 119378
STATE OF TENNESSEE

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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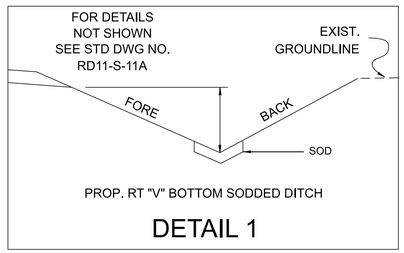
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B5
PIH	2025	39I040-S3-006	2B5
PS&E	2026	39I040-S3-006	2G

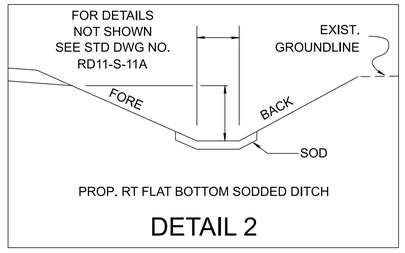
SPECIAL DITCHES

ROADWAY	STATION		SIDE	DETAIL NO.	CONFIGURATION			SODDING NEW SOD 803-01 (S.Y.)	ECB TYPE I 805-12.01 (S.Y.)	ECB TYPE II 805-12.02 (S.Y.)	ECB TYPE III 805-12.03 (S.Y.)	TRM CLASS I 805-01.01 (S.Y.)
	FROM	TO			FORE (H/V)	BOTTOM WIDTH (FT.)	BACK (H/V)					
W.B.OFF RAMP	199+00.00	200+00.00	RT	1	4:1		3:1	67				
W.B.OFF RAMP	206+04.00	207+00.00	RT	1	3:1		3:1				64	
W.B.OFF RAMP	207+00.00	207+50.00	RT	1	3:1		3:1			33.3		
W.B.OFF RAMP	207+50.00	209+50.00	RT	1	3:1		4:1			133.3		
W.B.OFF RAMP	209+50.00	210+50.00	RT	1	4:1		4:1		67			
W.B.OFF RAMP	210+50.00	212+67.07	RT	1	4:1		4:1		145			
W.B.OFF RAMP	212+67.07	212+97.07	RT	1	6:1		3:1	20				
E.B.ON RAMP	313+89.24	314+25.00	RT	1	6:1		4:1			23.8		
E.B.ON RAMP	314+25.00	316+50.00	RT	1	6:1		4:1			150.0		
E.B.ON RAMP	316+50.00	319+00.00	RT	1	6:1		4:1				167	
E.B.ON RAMP	319+00.00	320+50.00	RT	1	6:1		4:1	100				
E.B.ON RAMP	320+50.00	323+50.00	RT	1	6:1		4:1	200				
E.B.OFF RAMP	399+00.00	400+00.00	RT	1	4:1		4:1	67				
E.B.OFF RAMP	400+00.00	402+00.00	RT	1	6:1		4:1					133
E.B.OFF RAMP	402+00.00	402+50.00	RT	1	6:1		4:1	33				
E.B.OFF RAMP	402+50.00	402+82.00	RT	1	6:1		3:1	21				
E.B.OFF RAMP	402+82.00	403+50.00	RT	1	6:1		4:1					45
E.B.OFF RAMP	403+50.00	405+50.00	RT	1	6:1		4:1					133
E.B.OFF RAMP	405+50.00	406+00.00	RT	1	6:1		4:1		33			
E.B.OFF RAMP	406+00.00	407+07.00	RT	1	4:1		3:1	71				
E.B.OFF RAMP	407+07.00	408+00.00	RT	2	4:1	4	3:1					62
E.B.OFF RAMP	408+00.00	410+50.00	RT	2	4:1	4	3:1	167				
E.B.OFF RAMP	410+50.00	411+00.00	RT	2	4:1	4	3:1	33				
E.B.OFF RAMP	411+00.00	411+50.00	RT	1	4:1		3:1	33				
E.B.OFF RAMP	411+50.00	413+00.00	RT	1	4:1		3:1	100				
E.B.OFF RAMP	413+00.00	413+60.00	RT	1	4:1		3:1			40.0		
E.B.OFF RAMP	413+60.00	414+47.50	RT	1	4:1		3:1			58		
E.B.OFF RAMP	414+47.50	414+87.66	RT	1	3:1		3:1					27
TOTALS								**913**	**245**	**439**	**231**	**401**



PROP. RT "V" BOTTOM SODDED DITCH

DETAIL 1



PROP. RT FLAT BOTTOM SODDED DITCH

DETAIL 2

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

SPECIAL DITCHES

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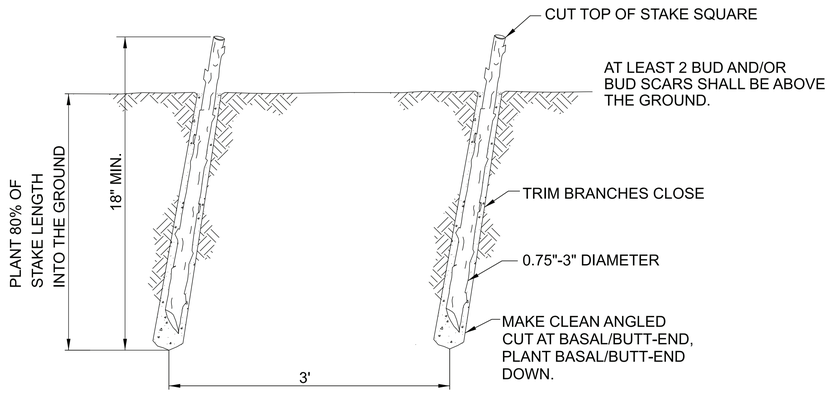
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2F
PIH	2025	39I040-S3-006	2G
PS&E	2026	39I040-S3-006	2G1



LIVE STAKES

N.T.S.

LIVE STAKE NOTES

LIVE STAKE HARVESTING:

1. LIVE STAKES SHALL CONSIST OF A COMBINATION OF SPECIES AS SHOWN IN TABLE ON THIS SHEET.
2. STAKES SHOULD BE HARVESTED AND PLANTED WHEN THE SPECIES ARE DORMANT. THIS PERIOD IS GENERALLY FROM LATE FALL TO EARLY SPRING, OR BEFORE THE BUDS START TO BREAK.
3. WHEN HARVESTING CUTTINGS, SELECT HEALTHY, LIVE WOOD THAT IS REASONABLY STRAIGHT.
4. USE LIVE WOOD AT LEAST 1 YEAR OLD OR OLDER. THE BEST WOOD IS 2 TO 5 YEARS OLD WITH SMOOTH BARK THAT IS NOT DEEPLY FURROWED.
5. MAKE CLEAN CUTS WITH UNSPLIT ENDS. TRIM BRANCHES FROM CUTTING AS CLOSE AS POSSIBLE. CUT THE BUTT END OF THE CUTTING AT AN ANGLE (~45 DEGREES) AND THE TOP END PERPENDICULAR (90 DEGREES).
6. THE TOP (SQUARE CUT END) SHOULD BE PAINTED AND SEALED BY DIPPING THE TOP 1-INCH TO 2-INCHES INTO A 50-50 MIX OF LIGHT-COLORED LATEX PAINT AND WATER. THIS REDUCES THE POSSIBILITY OF DESICCATION AND DISEASE-CASUING MORTALITY AND MAKES THEM MORE VISIBLE FOR SUBSEQUENT PLANTING EVALUATIONS. ASSURE THE STAKES ARE PLANTED WITH THE TOP UP.
7. CUTTINGS SHOULD GENERALLY BE BETWEEN 0.75-INCHES TO 3-INCHES IN DIAMETER BUT CAN BE LARGER DEPENDING ON THE SPECIES. HIGHEST SURVIVAL RATES ARE OBTAINED FROM USING CUTTINGS 2-INCHES TO 3-INCHES IN DIAMETER. LARGER DIAMETER CUTTINGS ARE NEEDED FOR PLANTING INTO ROCK RIPRAP.
8. LIVE STOUT STAKES SHOULD BE LONG ENOUGH TO REACH BELOW THE GROUNDWATER TABLE. GENERALLY, A LENGTH OF 2-FEET TO 3-FEET WITH A MINIMUM LENGTH OF 18-INCHES.
9. CUTTINGS OF SMALL DIAMETER (UP TO 1.5 INCHES) SHOULD BE MINIMUM OF 18-INCHES LONG, THICKER CUTTINGS SHOULD BE LONGER.
10. STAKES SHOULD BE CUT SO A TERMINAL BUD SCAR IS WIHTIN 1-INCH TO 4-INCHES OF THE TOP. AT LEAST TWO BUD AND/ OR BUD SCARS SHOULD BE ABOVE THE GROUND AFTER PLANTING.

LIVE STAKE PLANTING:

11. STAKES MUST BE PLANTED WITH BUTT-ENDS INTO THE GROUND. LEAF BUD SCARS OR EMERGING BUDS SHOULD ALWAYS POINT UP.
12. USE AN IRON STAKE OR BAR TO MAKE A PILOT HOLE IN FIRM SOIL OR BETWEEN RIPRAP. DRIVE LIVE STAKES INTO THE SOIL WITH A RUBBER MALLET OR DEAD-BLOW HAMMER.
13. STAKES MUST NOT BE ALLOWED TO DRY OUT. THE CUTTINGS NOT PLANTED ON THE DAY THEY ARE HARVESTED SHOULD BE SOAKED IN WATER FOR A MINIMUM OF 24 HOURS AS SOAKING SIGNIFICANTLY INCREASES THE SURVIVAL RATE OF THE CUTTINGS. SOAK FOR 5-7 DAYS FOR BEST RESULTS.
14. PLANT STAKES 3 FEET APART AND ALTERNATE SPECIES. LIVE WHIPS AND BRANCHES BURIED JUST UNDER THE SOIL SURFACE CAN BE USED IN PLACE OF LIVE STAKES.
15. SET THE STAKE AS DEEP AS POSSIBLE INTO THE SOIL, PREFERABLY WITH 80 PERCENT OF ITS LENGTH BURIED BUT NO LESS THAN ONE-HALF OF THE TOTAL LENGTH BURIED.
16. TAMP THE SOIL AROUND THE CUTTING.

PROTECTED AREA SIGN

N.T.S.

PROTECTED AREA SIGN NOTES

1. THE PROTECTED AREA SIGN SHALL BE WHITE WITH BLACK LETTERING.
2. PROTECTED AREA SIGN SHALL BE PAID FOR UNDER ITEM NO. 209-03.99, PROTECTED AREA SIGN, PER EACH, AS SHOWN IN DETAIL ON THIS SHEET, PAYMENT SHOULD INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO CONSTRUCT AS SHOWN IN DETAIL.
3. PROTECTED AREA SIGN TO BE 72" WHITE DUAL SIDED MARKERS AND CUSTOM PROTECTED AREA DECALS TO BE PRE-APPLIED TO BOTH SIDES.

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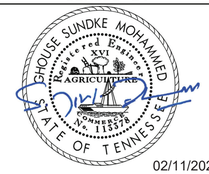

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DETAIL SHEETS

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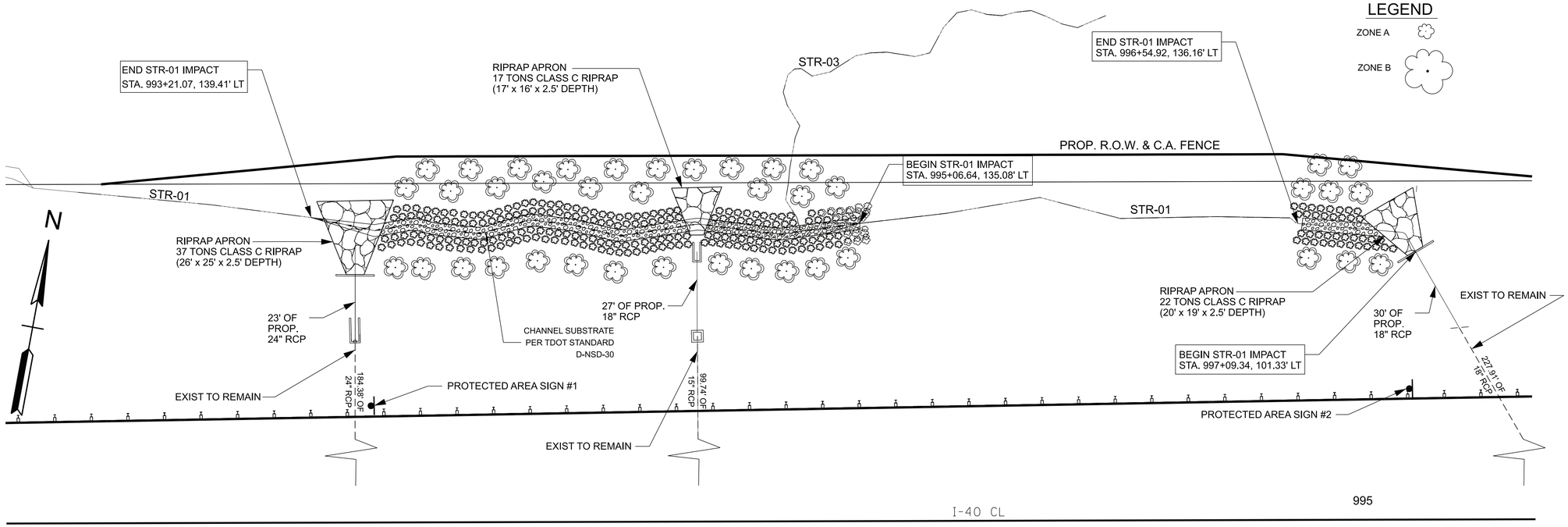
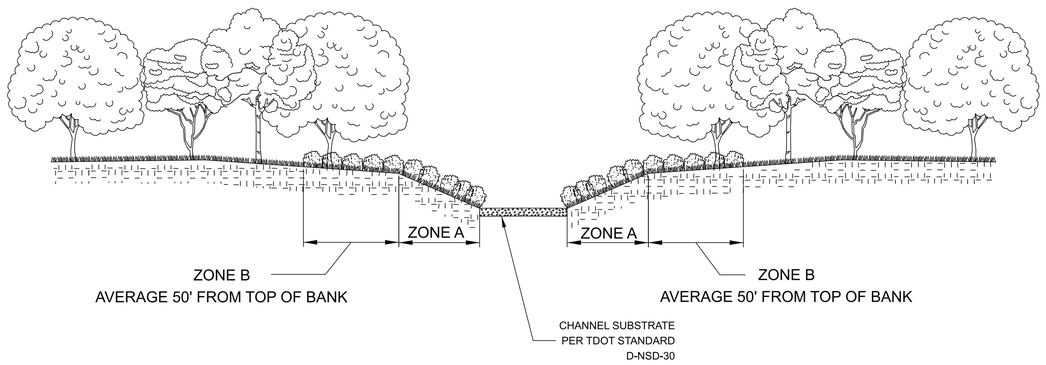
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2F1
PIH	2025	39I040-S3-006	2G1
PS&E	2026	39I040-S3-006	2G2



PLANTING PLAN

SCALE: 1" = 20'



PLANTING DETAILS

N.T.S.

STREAM RIPARIAN ZONE PLANTING PLAN

COMMON NAME	SCIENTIFIC NAME	INDICATOR STATUS	SIZE	PLANTING DENSITY (STEMS/ ACRE)	PLANTING ZONE	PERCENT COMPOSITION
SILKY DOGWOOD	CORNUS AMOMUM	FACW	LIVE STAKE	36" SPACING	A	20*
BUTTONBUSH	CEPHALANTHUS OCCIDENTALIS	FACW	LIVE STAKE	36" SPACING	A	20*
SYCAMORE	PLATANUS OCCIDENTALIS	FACW	LIVE STAKE	36" SPACING	A	20*
EASTERN COTTONWOOD	POPULUS DELTOIDES	FACW	LIVE STAKE	36" SPACING	A	20*
BEECH	FAGUS GRANDIFOLIA	FACW	BARE ROOT	48/ ACRE	B	20*
SWEETGUM	LIQUIDAMBER STYRACIFLUA	FACW	BARE ROOT	48/ ACRE	B	20*
TULIP POPLAR	LIRIODENDRON TULIPIFERA	FACW	BARE ROOT	48/ ACRE	B	20*
SYCAMORE	PLATANUS OCCIDENTALIS	FACW	BARE ROOT	48/ ACRE	B	12*
*SPECIES AND PERCENT COMPOSITION DEPENDENT ON AVAILABILITY.						

ESTIMATED TREE QUANTITIES

Item #	Description	UNIT	QUANTITY 40003-1226-04
802-02.32	Cuttings: Cornus Amomum (18In-24In)	EACH	62
802-02.35	Cuttings: Cephalanthus Occidentalis (18In-24In)	EACH	62
802-02.38	Cuttings: Platanus Occidentalis (18In-24In)	EACH	63
802-02.39	Cuttings: Populus Deltoides (18In-24In)	EACH	63
802-12.15	Fagus Grandifolia (Beech Seedlng B.R.)	EACH	10
802-12.18	Liquidamber Styraciflua (Sweetgum Seedlng B.R.)	EACH	10
802-12.19	Liriodendron Tulipifera (Tulip Poplar Seedlng B.R.)	EACH	10
802-12.26	Platanus Occidentalis (Sycamore Seedlng B.R.)	EACH	10

PLANTING DETAIL NOTES

1. STREAM BANKS AND DISTURBED RIPARIAN BUFFERS TO BE SEEDED WITH ITEM NO. 801-01.35 AT 10 LBS/ ACRE.
2. SPECIES AND PERCENT COMPOSITION SUBJECT TO AVAILABLE NURSERY AT TIME OF PLANTING.

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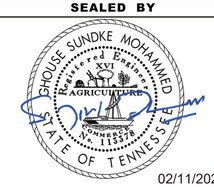

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DETAIL SHEETS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	3
PIH	2025	39I040-S3-006	3
PS&E	2026	39I040-S3-006	3

RIGHT-OF-WAY

(1) IT IS INTENDED THAT ALL BUILDINGS AND/OR PORTIONS OF BUILDINGS THAT ARE WITHIN THE PROPOSED RIGHT-OF-WAY AND/OR EASEMENT LINES FOR THE PROJECT BE REMOVED THERE FROM IN THE PROCESS OF RIGHT-OF-WAY ACQUISITION. IF ANY SUCH BUILDINGS OR IMPROVEMENTS ARE NOT REMOVED IN THE COURSE OF RIGHT-OF-WAY ACQUISITION, THE PROJECT MANAGER, AND PRECONSTRUCTION OFFICE ARE TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF THE CONSTRUCTION CONTRACT.

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.

(6) NO WORK SHALL OCCUR IN THE AREA MARKED ON THE PLANS AS STREAM/WETLAND MITIGATION RIGHT-OF-WAY OR MITIGATION AREA. NO UTILITY RELOCATION OR OTHER LAND DISTURBANCE IS AUTHORIZED. ONLY ACTIVITIES PERTAINING TO THE CONSTRUCTION OR MANAGEMENT OF THE STREAM/WETLAND MITIGATION SITE MAY OCCUR, WHICH WILL BE INDICATED ON THE STREAM MITIGATION PLANS (SHEET 4-8). ANY VIOLATIONS OF THE ABOVE MENTIONED WILL RESULT IN NON-COMPLIANCE WITH THE ENVIRONMENTAL PERMIT REQUIREMENTS.

UTILITY OWNERS

TELEPHONE, FIBER OPTICS:
AT&T DISTRIBUTION
598 SAM RIDLEY PARKWAY WEST
SMYRNA, TN 37167
OFFICE PHONE: (615) 848-2082
CELL PHONE: (615) 631-7221
EMAIL: KK4096@ATT.NET
ATTN: KENNETH "LEE" KORNEGAY

ELECTRIC:
LEXINGTON ELECTRIC
92 S. MAIN ST
LEXINGTON, TN 38351
OFFICE PHONE: (731) 967-7319
ATTN: BRAD JONES – ENGINEERING MANAGER

WATER:
CEDAR GROVE UTILITY
3100 HIGHWAY 220
LAVINIA, TN 38348
CELL PHONE: (731) 987-2217
ATTN: TIM FULLINGTON

GAS, WATER, & SEWER:
LEXINGTON GAS AND WATER, SEWER
180 MAPLE ST
LEXINGTON, TN 38351
CELL PHONE: (731) 316-5373
ATTN: BRANDON MORRIS

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02/11/2026

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.
FUNC.	2025	39I040-S2-006	3A
PIH	2025	39I040-S3-006	3A
PS&E	2026	39I040-S3-006	3A

R.O.W. ACQUISITION TABLE

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	BRUCE & STACY WHITE	034	050.00	266	514		56.928	56.928					56.928					
2	EMMANUEL & LATISHA SAMUEL	034	049.01	295	458	2.866		2.866				2.866						
3	BRUCE WHITE	034	049.03	278	519	2.288		2.288				2.288						
4	JOHN STEVE ROSS JR.	034	053.00	113	15	60.958		60.958				60.958						
5	GORDON M. TOMLIN FAMILY LIMITED PARTNERSHIP	034	051.00	242	534		7.240	7.240					7.240					
6	JOHN STEVE ROSS JR.	034	053.01	119	756	1.020		1.020				1.020						
7	JOHN STEVE ROSS JR. & CYNTHIA MARIE HENLEY	034	052.00	260	421	0.265		0.265				0.265						
8	JOSEPH T. & MARY S. SMITH	034	054.02	226	223	48.195		48.195				48.195						
9	TJAS HOLDINGS CO. LLC	034	058.00	294	370	6.054		6.054				6.054						
10	TJAS HOLDINGS CO. LLC	034	042.00	294	370	23.462		23.462	0.206		0.206	23.256						
11	TJAS HOLDINGS CO. LLC	034	039.02	294	370	2.059		2.059				2.059						
12	TJAS HOLDINGS CO. LLC	034	043.08	294	370		6.637	6.637					6.637					
13	BRANDI M. BLAIR	034	043.01	262	391		0.423	0.423					0.423					
14	HELEN JOHNSON SMITH	034	043.06	207	723		3.038	3.038					3.038					
15	NANCY THURSTON	034	041.00	293	874	0.671		0.671				0.671						
17	CHARLES DOUGLAS	034	039.00	185	672	10.180		10.180				10.180						
18	CHARLIE SHELTON	034	040.00	156	551		1.477	1.477					1.477					
19	JOE DOUGLAS	034	039.01	185	666		26.255	26.255					26.255					
20	CHARLIE SHELTON	034	038.00	93	424	31.938		31.938				31.938						
21	JANET C. DOUGLAS	034	033.00	214	712	148.314		148.314	3666 S.F.		3666 S.F.	148.230				718 S.F.		
22	BRUCE WHITE AND STACY WHITE	034	50.02	266	514	37.927		37.927	0.208		0.208	37.719						
23	JOSEPH T. SMITH AND MARY SUE SMITH	034	55.01	206	262		0.825	0.825		1030 S.F.	1030 S.F.		0.801					
24	JOHN E. GRAVES	034	55.00	296	669		2.437	2.437		834 S.F.	834 S.F.		2.418					
25	STATE OF TENNESSEE	034	56.00	88	533		5.474	5.474		1151 S.F.	1151 S.F.		5.448					
ACQUISITION TOTALS (ACRES)										0.568						718 S.F.		

DISTURBED AREA

IN BETWEEN SLOPE LINES	14.700	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	6.183	(AC)
LIGHTING, CONDUIT, AND PULL BOXES OUTSIDE LIMITS OF DISTURBANCE	1.820	(AC)
TOTAL DISTURBED AREA	18.320	(AC)
TOTAL PROJECT AREA	52.000	(AC)

SEALED BY

CHOUSE, SUNDKE, MOHAMMED
Registered Engineer
AGRICULTURE
TENNESSEE
No. 115378
STATE OF TENNESSEE

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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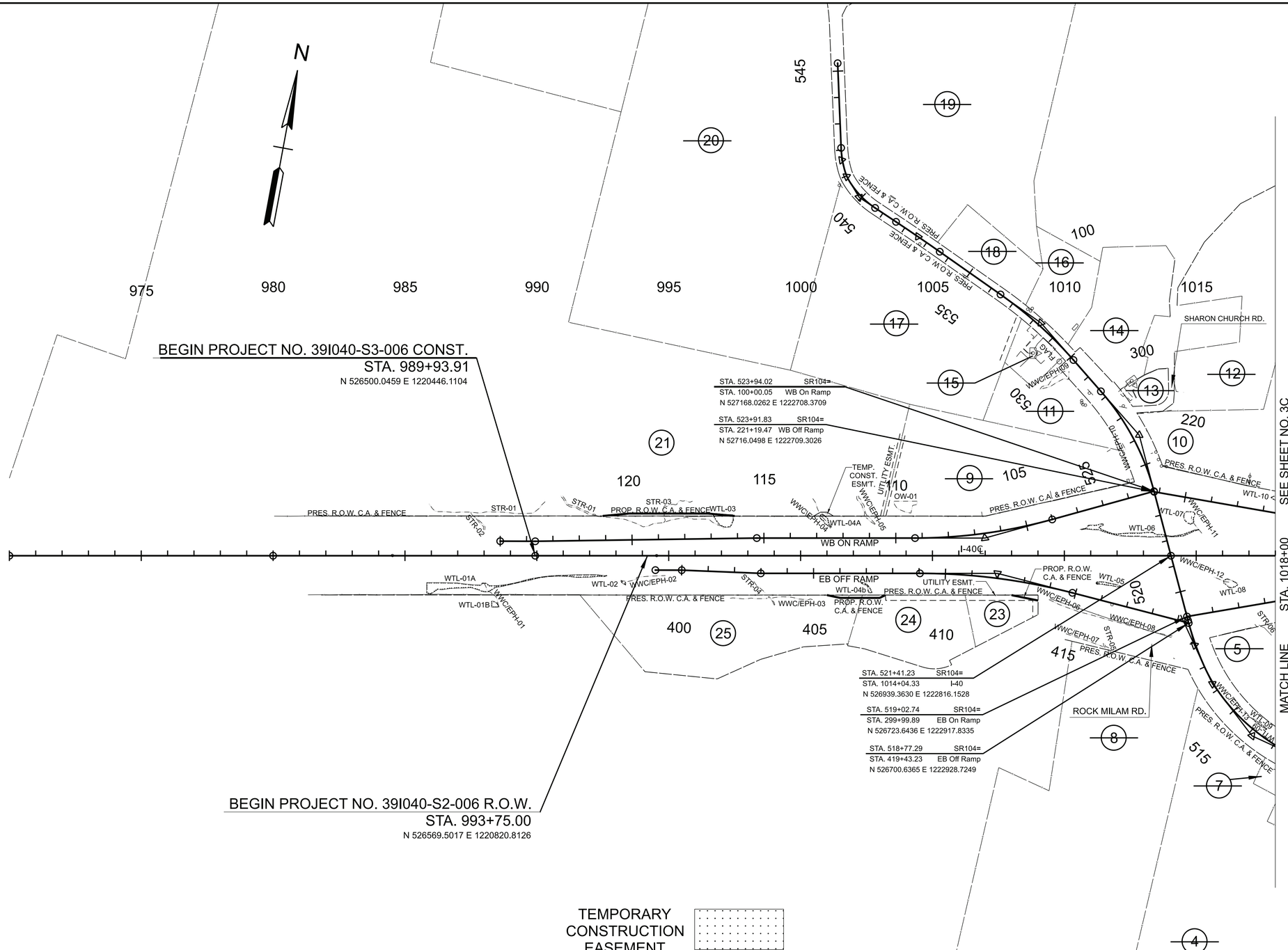
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	3B
PIH	2025	39I040-S3-006	3B
PS&E	2026	39I040-S3-006	3B



BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 989+93.91
N 526500.0459 E 1220446.1104

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp
N 527168.0262 E 1222708.3709

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp
N 52716.0498 E 1222709.3026

STA. 521+41.23 SR104=
STA. 1014+04.33 I-40
N 526939.3630 E 1222816.1528

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp
N 526723.6436 E 1222917.8335

STA. 518+77.29 SR104=
STA. 419+43.23 EB Off Ramp
N 526700.6365 E 1222928.7249

BEGIN PROJECT NO. 39I040-S2-006 R.O.W.
STA. 993+75.00
N 526569.5017 E 1220820.8126

TEMPORARY CONSTRUCTION EASEMENT

SEALED BY

CHOUSE, SUNDKE MOHAMMED
Tennessee Registered Engineer
XVI
AGRICULTURE
CONNESSEE
No. 115578
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 989+93.91 TO STA. 1018+00.00
SCALE: 1" = 200'

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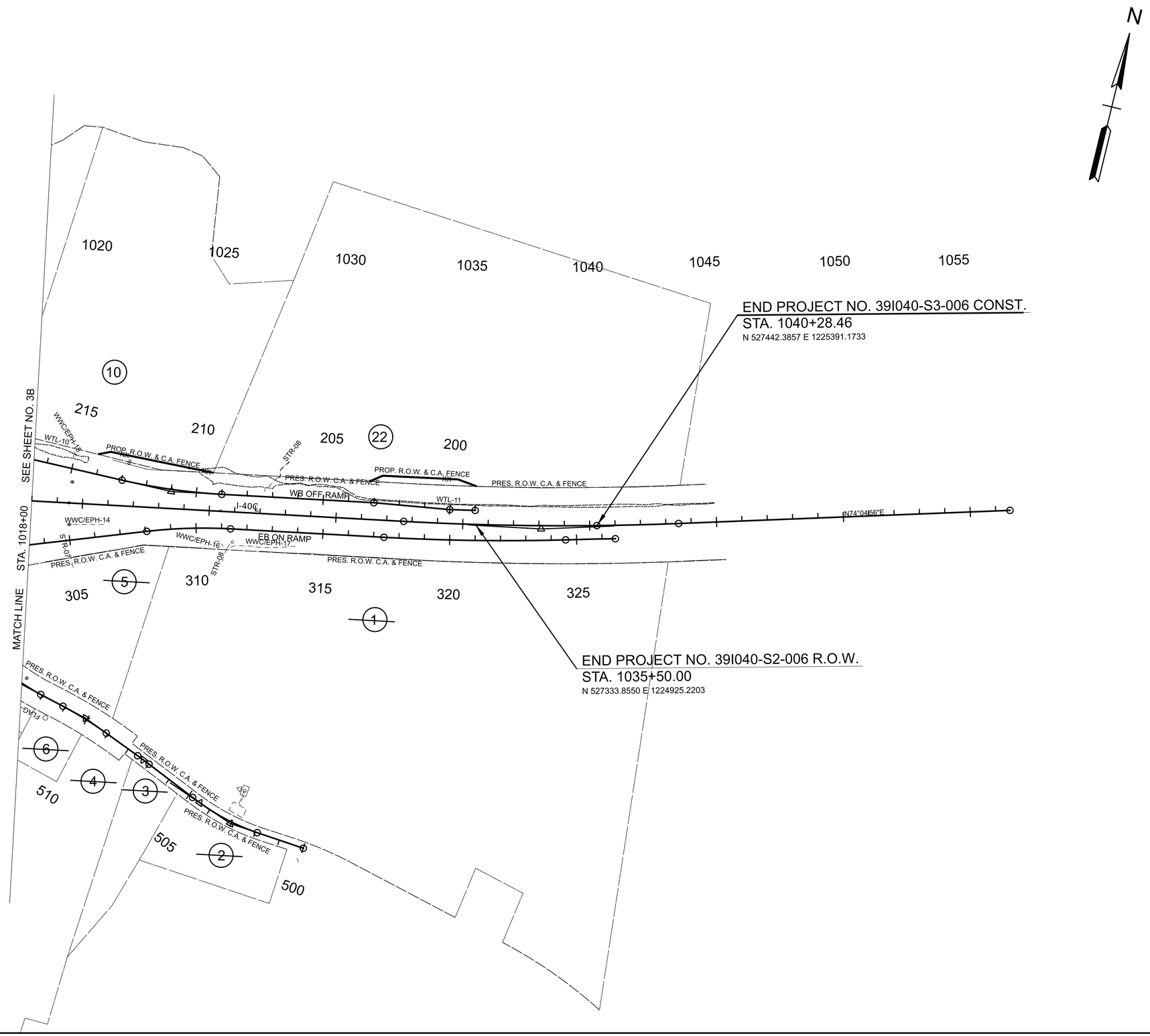
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	3C
PIH	2025	39I040-S3-006	3C
PS&E	2026	39I040-S3-006	3C



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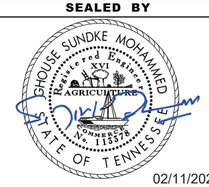

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 1018+00.00 TO STA. 1040+28.46
SCALE: 1" = 200'

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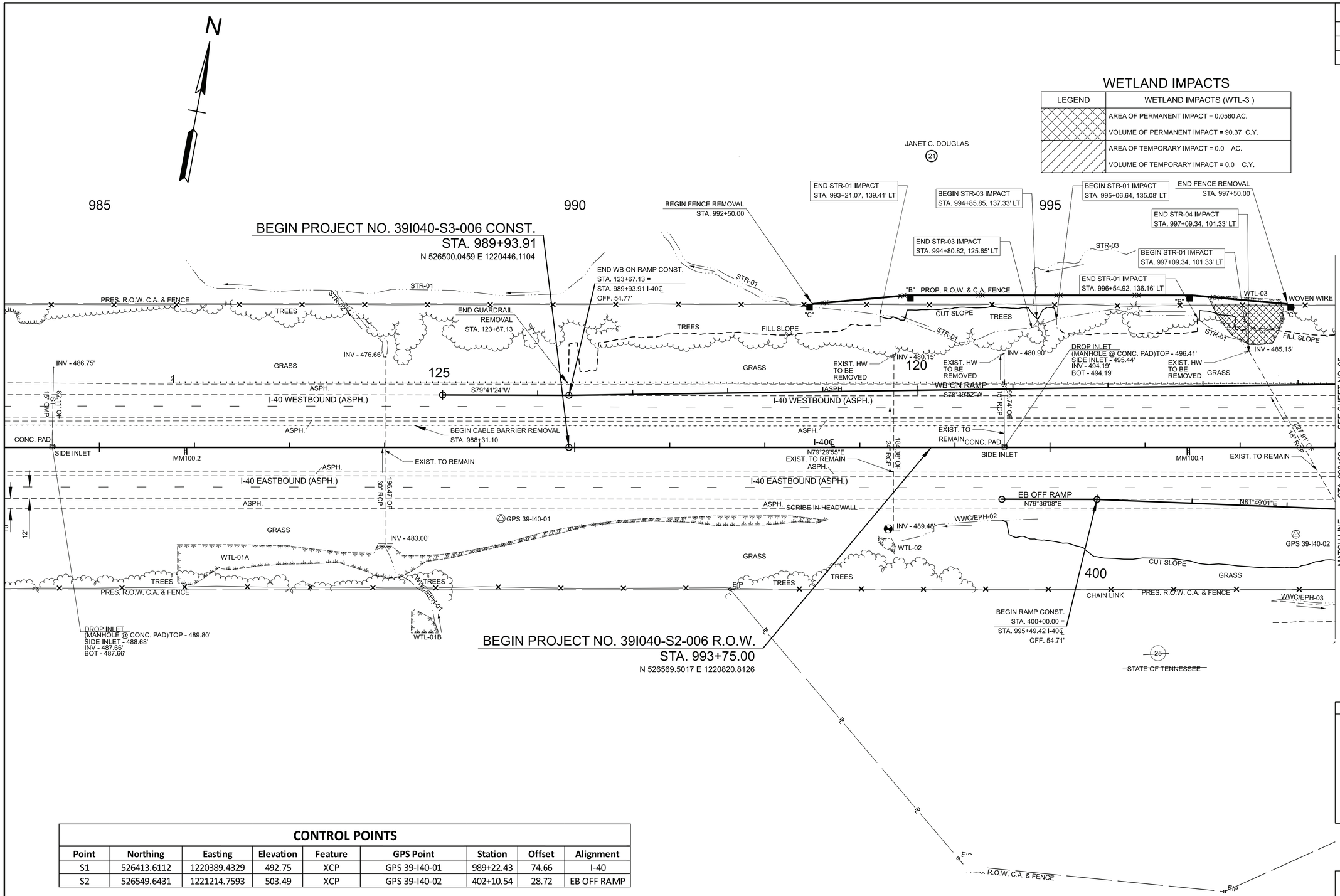
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	4
PIH	2025	39I040-S3-006	4
PS&E	2026	39I040-S3-006	4



WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-3)
	AREA OF PERMANENT IMPACT = 0.0560 AC.
	VOLUME OF PERMANENT IMPACT = 90.37 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S1	526413.6112	1220389.4329	492.75	XCP	GPS 39-I40-01	989+22.43	74.66	I-40
S2	526549.6431	1221214.7593	503.49	XCP	GPS 39-I40-02	402+10.54	28.72	EB OFF RAMP

BENCHMARK POINTS

Point	Northing	Easting	Elevation	Feature	Description	Station	Offset	Alignment
S209	526477.0000	1220792.0000	492.49	XBM	SCRIBE IN HEADWALL	993+29.81	85.70	I-40

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CHOUSE SUNDKE MOHAMMED
Registered Engineer
No. 117577
AGRICULTURE
TENNESSEE
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 984+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S3-006	4A
PIH	2025	39I040-S3-006	4A
PS&E	2026	39I040-S3-006	4A

N

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-3)
	AREA OF PERMANENT IMPACT = 0.0560 AC.
	VOLUME OF PERMANENT IMPACT = 90.37 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

JANET C. DOUGLAS
21

985 990 995

BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 989+93.91
N 526500.0459 E 1220446.1104

END C.A. FENCE
STA. 997+50.00
OFF. 150.74'

996+50.00
160.00'

997+50.00
150.74'

STR-03

BEGIN C.A. FENCE
STA. 992+50.00
OFF. 150.89'

993+50.00
160.00'

992+50.00
150.89'

STR-01

END WB ON RAMP CONST.
STA. 123+67.13 =
STA. 989+93.91 I-40℄
OFF. 54.77'

PRES. R.O.W. C.A. & FENCE

STR-01

STR-02

S79°30'54"W
1137.83'

S74°17'08"W, 100.42'

"B"

PROP. R.O.W. & C.A. FENCE

N 79°30'36"E, 300.00'

N84°45'32"E
100.42'

WTL-03

"C"

"B"

"C"

CUT SLOPE

500.00'

FILL SLOPE

FILL SLOPE

STR-01

STR-01

125 120

S79°41'24"W

WB ON RAMP
S78°39'52"W

I-40℄
N79°29'55"E

SEE SHEET NO. 05A

STA. 998+00

MATCH LINE

SCRIBE IN HEADWALL

GPS 39-I40-01

EB OFF RAMP
N79°36'08"E

N81°49'01"E

WWC/EPH-02

WTL-02

GPS 39-I40-02

CUT SLOPE

WTL-01A

S79°30'49"W
981.32'

WWC/EPH-01

400

EIP

991+63.34
149.04'

PRES. R.O.W. C.A. & FENCE

S79°30'49"W
936.66'

WWC/EPH-03

WTL-01B

BEGIN RAMP CONST.
STA. 400+00.00 =
STA. 995+49.42 I-40℄
OFF. 54.71'

BEGIN PROJECT NO. 39I040-S2-006 R.O.W.
STA. 993+75.00
N 526569.5017 E 1220820.8126

25
STATE OF TENNESSEE

S60°47'56"E
371.27'

R

R

R

N50°47'56"W
9.99'

EIP

EIP

PRES. R.O.W. C.A. & FENCE

N90°00'00"E
0.00'

EIP

N90°00'00"E
0.00'

CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S1	526413.6112	1220389.4329	492.75	XCP	GPS 39-I40-01	989+22.43	74.66	I-40
S2	526549.6431	1221214.7593	503.49	XCP	GPS 39-I40-02	402+10.54	28.72	EB OFF RAMP

BENCHMARK POINTS

Point	Northing	Easting	Elevation	Feature	Description	Station	Offset	Alignment
S209	526477.0000	1220792.0000	492.49	XBM	SCRIBE IN HEADWALL	993+29.81	85.70	I-40

SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
TENNESSEE
115278
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE
DATUM ADJUSTED BY THE FACTOR
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ALL ELEVATIONS ARE REFERENCED
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 984+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

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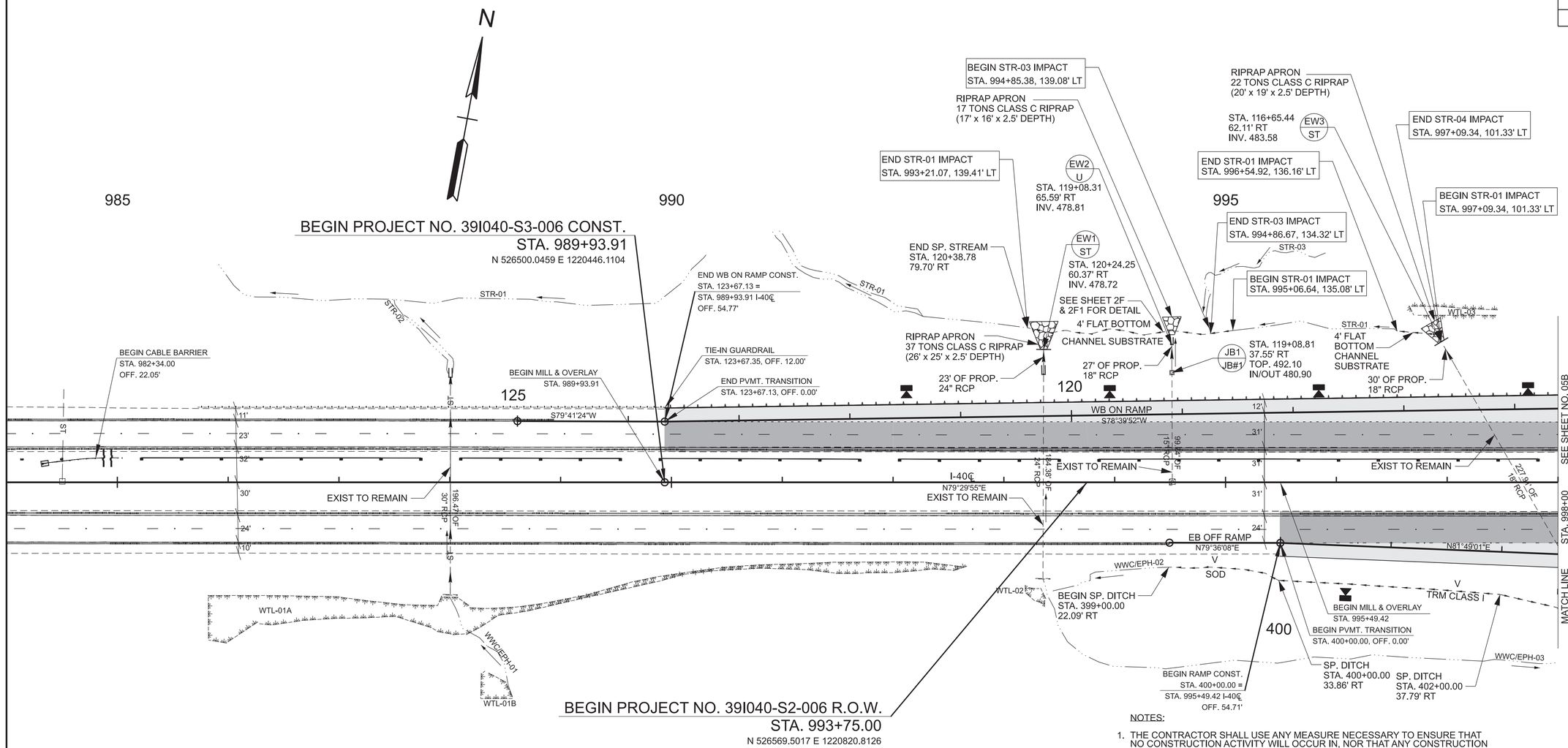
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	4B
PIH	2025	39I040-S3-006	4B
PS&E	2026	39I040-S3-006	4B



BEGIN PROJECT NO. 39I040-S2-006 R.O.W.
STA. 993+75.00
N 526569.5017 E 1220820.8126

NOTES:

1. 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-01, STR-02, STR-03, WTL-01A, WTL-01B, OR WTL-02 AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

2. RIPRAP SHALL BE PLACED AS TO MIMIC THE EXISTING CONTOURS OF THE STREAM CHANNEL. THE TOP OF THE PROPOSED RIPRAP SHALL BE AT GRADE WITH THE BOTTOM OF THE EXISTING STREAM CHANNEL. VOIDS WITHIN THE RIPRAP SHALL BE FILLED WITH STREAM BED SUBSTRATE, IF AVAILABLE, TO PREVENT LOSS OF STREAM WITHIN RIP-RAP AREAS. STREAM BED SUBSTRATE CAN BE REMOVED FROM RIP-RAP EMBEDMENT AREA. IF STREAM BED SUBSTRATE IS NOT AVAILABLE, THE FOLLOWING SHOULD BE USED. PRIOR TO PLACEMENT OF RIPRAP, IT SHOULD BE MIXED WITH A MIXTURE OF 70% CREEK GRAVEL AND 30% SAND TO FILL THE VOIDS. ONCE THE RIP-RAP MIXTURE HAS BEEN INSTALLED THE AREA SHOULD BE THOROUGHLY COMPACTED. ONCE COMPACTED AN ADDITIONAL 1-2 INCHES OF SAND AND CREEK GRAVEL SHALL BE ADDED TO FILL IN THE REMAINING VOIDS IF NEEDED. THE CONTRACTOR SHALL ENSURE THAT WATER WILL FLOW OVER THE RIPRAP AND THAT FLOW IS NOT LOST BELOW OR WITHIN THE ROCK.

3. DURING CONSTRUCTION OF THE STREAM CONVEYANCE STRUCTURE, THE CONTRACTOR SHALL GATHER COARSE ALLUVIUM FROM PORTIONS OF THE STREAM CHANNEL THAT IS BEING EXCAVATED OR FILLED AND STOCKPILE THE MATERIAL IN A NON-WETLAND/AQUATIC SITE. FOLLOWING THE INSTALLATION OF THE STRUCTURE, THE STOCKPILED ALLUVIUM SHALL BE BACKFILLED WITHIN THE STRUCTURE TO SATISFY THE REQUIRED EMBEDMENT DEPTH AS DEPICTED IN THE PLANS. WHEN THESE MATERIALS ARE NOT PRESENT OR SUFFICIENT TO PROVIDE THE REQUIRED EMBEDMENT DEPTH, THE REMAINDER OF THE FILL FOR EMBEDMENT WILL BE COMPRISED OF MATERIALS THAT ARE APPROXIMATELY THE SAME SIZE AND COMPOSITION AS THE UPSTREAM AND DOWNSTREAM CHANNEL MATERIALS. THE STANDARD DRAWING FOR SUBSTRATE RESTORATION D-NSD-30 SHOULD BE USED.

4. SEE SEPARATE ENVIRONMENTAL DETAIL SHEETS 2F AND 2F1 FOR FURTHER DETAILS ON REQUIRED LANDSCAPING AND PLANTINGS FOR STREAM STR-01.

LEGEND:

PROPOSED FULL DEPTH PAVEMENT

MILL & OVERLAY PAVEMENT

SEALED BY

CHOUSE, SUNDKE, MOHAMMED
Registered Engineer
No. 115878
AGRICULTURE
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 989+93.91 TO STA. 998+00.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	5
PIH	2025	39I040-S3-006	5
PS&E	2026	39I040-S3-006	5

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4a)
	AREA OF PERMANENT IMPACT = 0.0185 AC.
	VOLUME OF PERMANENT IMPACT = 29.88 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4b)
	AREA OF PERMANENT IMPACT = 0.0095 AC.
	VOLUME OF PERMANENT IMPACT = 15.40 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

WB ON RAMP
CURVE 1
PI 106+65.39
N 526876.6504
E 1222110.2177
Δ 15°28'14" RT.
D 02°56'18"
R 1950.00'
L 526.53'
T 264.87'
LC 524.93'
BC S71°45'48.2"W
SE EXIST
TRANS. LENGTH EXIST
DESIGN SPEED 50 MPH

N

21 JANET C. DOUGLAS

TJAS HOLDINGS CO. LLC 9

1000 1005 1010

BEGIN WB ON RAMP CONST. STA. 111+00.00 = STA. 1002+60.96 I-40℄ OFF. 67.00'

WWC/EPH-04 WWC/EPH-05 WWC/EPH-06 WWC/EPH-03

T.C.E. WTL-04A

PRES. R.O.W. C.A. & FENCE TREES FILL SLOPE EXIST. HW TO BE REMOVED EXIST. TO REMAIN INV - 496.37' GRASS

VENT PIPE EIP PRES. R.O.W. C.A. & FENCE TREES OW-01

PRES. R.O.W. C.A. & FENCE PC STA. 104+00.52 ASPH. GRASS 17' 4' 5' ASPH. GRASS

115 110 105

PT STA. 109+27.04

REMOVE CABLE BARRIER

WB ON RAMP S79°29'55"W

BEGIN GUARDRAIL REMOVAL STA. 111+15.84

SEE SHEET NO. 04 SEE SHEET NO. 06

STA. 998+00 STA. 1010+00

ASPH. 11' 12' 12' 12' I-40 WESTBOUND (ASPH.) ASPH.

257.40' OF 24" RCP 4" OHD

I-40℄ N79°29'55"E MM100.6

ASPH. 4' 12' 12' 10' I-40 EASTBOUND (ASPH.) ASPH.

EB OFF RAMP N79°29'58"E

MATCH LINE MATCH LINE

257.91' OF 18" RCP EXIST. HW TO BE REMOVED INV - 497.04' BEGIN STR-04 IMPACT STA. 998+60.16, 135.35' RT

STR-04 INV - 501.76' CUT SLOPE

EXIST. HW TO BE REMOVED INV - 501.97' WTL-04b LEVEL A GAS

PC STA. 409+03.23 GPS 39-I40-03 BEGIN FENCE REMOVAL STA. 1008+00.00 SIGN 4' 20'

EXIST. TO REMAIN INV - 502.60' 405 "C" EIP "B" "B" PROP. R.O.W. & C.A. FENCE VENT PIPE PRES. R.O.W. C.A. & FENCE 410 CUT SLOPE GRASS TREES PROP. R.O.W. & C.A. FENCE 4" "C" WWC/EPH-06 TREES

WWC/EPH-03 GRV. INV - 503.98' EXIST. TO REMAIN INV - 504.69' ASPH. GRV.

18" RCP STR-04A

BEGIN FENCE REMOVAL STA. 1001+00.00

END FENCE REMOVAL STA. 1003+21.56

END FENCE REMOVAL STA. 1009+00.54

25 STATE OF TENNESSEE

24 JOHN E. GRAVES

23 JOSEPH T. SMITH AND MARY SUE SMITH

EB OFF RAMP
CURVE 1
PI 411+97.03
N 526753.6735
E 1222181.2334
Δ 14°33'33" RT.
D 02°29'28"
R 2300.00'
L 584.44'
T 293.80'
LC 582.87'
BC N86°46'44.4"E
SE 0.046 FT/FT
TRANS. LENGTH 220'
DESIGN SPEED 50 MPH

BEGIN GUARDRAIL REMOVAL STA. 413+93.10

PRES. R.O.W. C.A. & FENCE EIP PRES. R.O.W. C.A. & FENCE

CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S3	526704.9617	1222020.0655	514.74	XCP	GPS 39-I40-03	410+30.61	15.71	EB OFF RAMP

SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
TENNESSEE 115178
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

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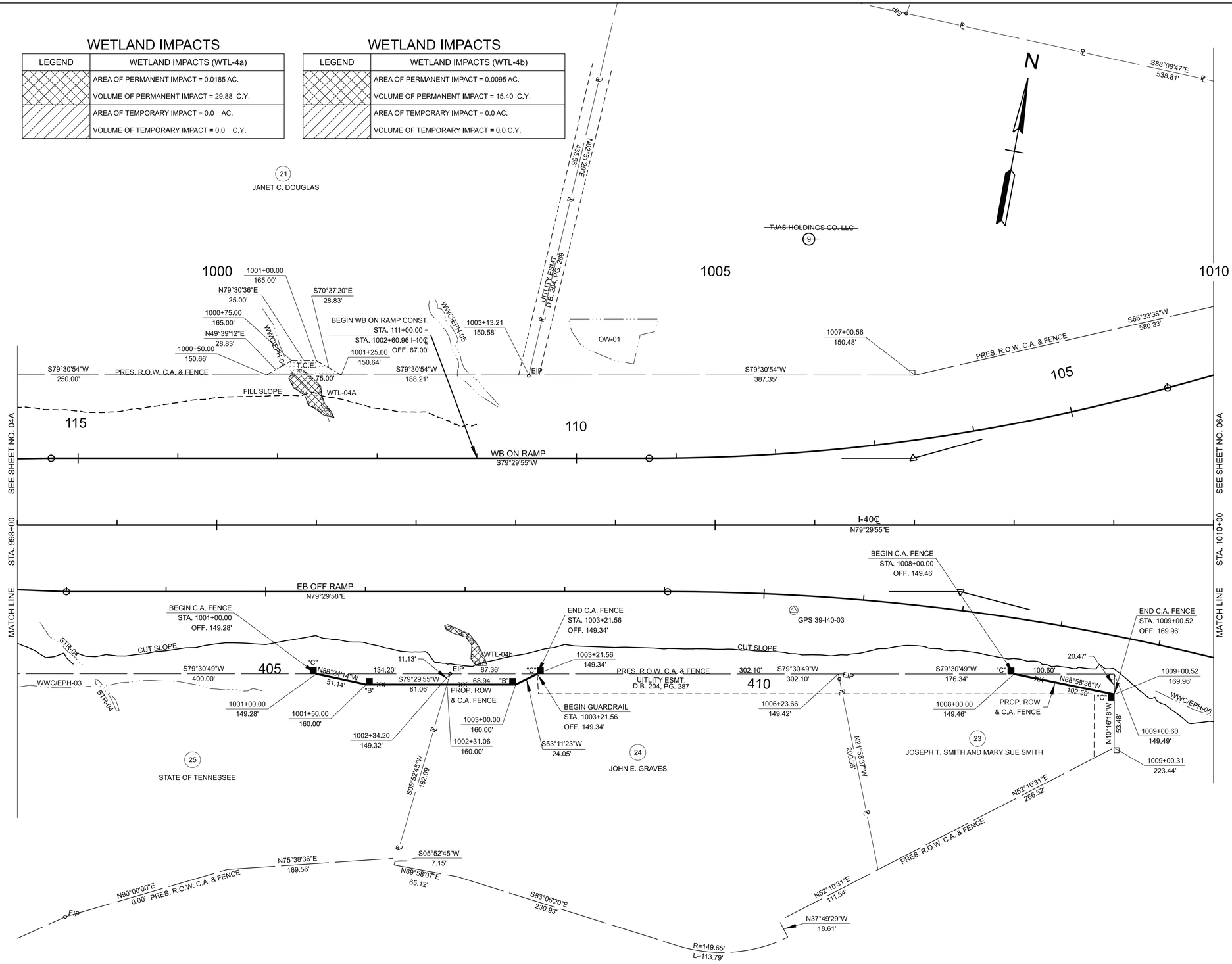
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	5A
PIH	2025	39I040-S3-006	5A
PS&E	2026	39I040-S3-006	5A

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4a)
	AREA OF PERMANENT IMPACT = 0.0185 AC.
	VOLUME OF PERMANENT IMPACT = 29.88 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4b)
	AREA OF PERMANENT IMPACT = 0.0095 AC.
	VOLUME OF PERMANENT IMPACT = 15.40 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.



CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S3	526704.9617	1222020.0655	514.74	XCP	GPS 39-I40-03	410+30.61	15.71	EB OFF RAMP

SEALED BY

SCHOUSE, SUNDKE, MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
CONNESSEE
113578
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

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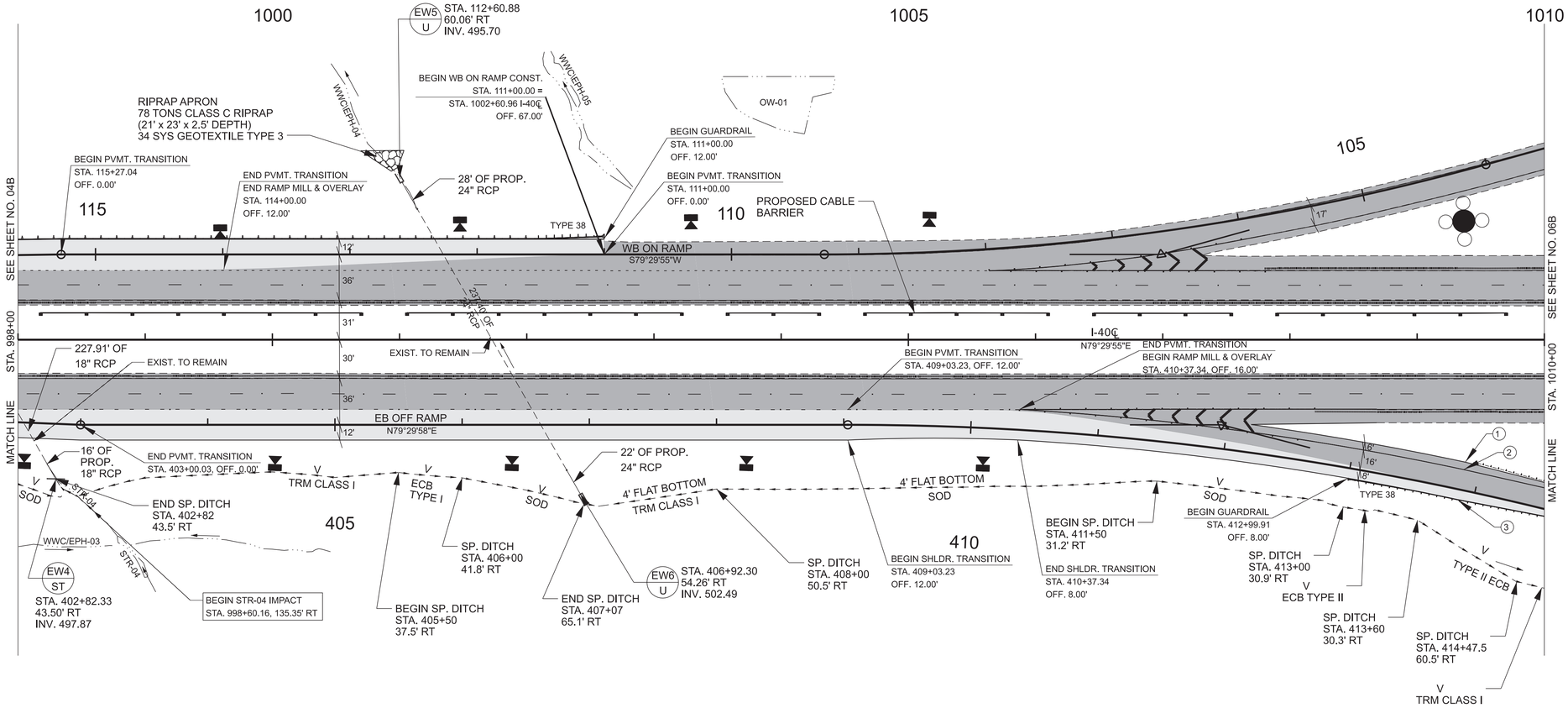
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	5B
PIH	2025	39I040-S3-006	5B
PS&E	2026	39I040-S3-006	5B



LEGEND:

PROPOSED FULL DEPTH PAVEMENT

MILL & OVERLAY PAVEMENT

NOTES:

1. THE STREAM AT THE INLET AND OUTLET OF PROPOSED EMBEDDED STREAM CONVEYANCE STRUCTURES SHALL BE RESTORED TO THE PRECONSTRUCTION STREAM CHANNEL CROSS-SECTION MATCHING THE CHANNEL BOTTOM WIDTH AND BANK HEIGHT AND WIDTH. THE RESTORED STREAM CHANNEL WILL BE CONSTRUCTED FROM THE EXCAVATED STREAM AND STREAM BANK MATERIALS, OR OTHER MATERIALS IF SPECIFIED, ONCE THE CONSTRUCTION OF THE STREAM CONVEYANCE STRUCTURE IS COMPLETE, REFER TO THE "EMBEDDING OF STRUCTURES" NOTE FOR SPECIFICATIONS OF EXCAVATED STREAM MATERIALS TO BE USED, IF APPLICABLE."
2. WHEN RECONSTRUCTING THE STREAM BANK, USE A COIR FIBER ROLL AT THE TOE OF THE BANK TO PROVIDE BANK STABILITY WHILE NATIVE VEGETATION ESTABLISHES. STANDARD DRAWING D-NSD-33 MUST BE USED FOR COIR FIBER ROLL INSTALLATION. STREAM BANK MATERIALS EXCAVATED DURING THE CONSTRUCTION OF THE STREAM CONVEYANCE STRUCTURE, OR OTHER MATERIALS IF SPECIFIED, SHOULD BE USED WHEN RECONSTRUCTING THE STREAM BANK ONCE THE STRUCTURE IS COMPLETE. NATIVE SEED MIXTURES AS SPECIFIED IN STANDARD DRAWING STD-17-20 SHALL BE PLANTED ONCE THE BANK CONSTRUCTION IS COMPLETE. IF NATURAL CHANNEL DESIGN IS PROPOSED AT THE STRUCTURE INLET, OUTLET, OR BOTH, IMPLEMENT THE DESIGN AS SHOWN IN THE NATURAL CHANNEL DESIGN PLANS INSTEAD OF RESTORING THE CHANNEL TO THE PRECONSTRUCTION CROSS-SECTION.
3. 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-04, OW-01 AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

① BEGIN LT. PVMT. TRANSITION
STA. 413+87.66, OFF. -16.00'

② BEGIN LT. SHLDR. TRANSITION
STA. 413+87.66, OFF. -20.00'

③ BEGIN RT. SHLDR. TRANSITION
STA. 413+87.66, OFF. +8.00'

SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
No. 117577
AGRICULTURE
STATE OF TENNESSEE
02/11/2026

COORDINATES ARE NAD 83(2011), ARE
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

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CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S9	526759.9012	1222863.8568	526.79	XCP	GPS 39-I40-09	519+58.55	33.37	S.R. 104
S10	527094.2926	1222714.2373	530.78	XCP	GPS 39-I40-10	523+24.82	26.13	S.R. 104

BENCHMARK POINTS

Point	Northing	Easting	Elevation	Feature	Description	Station	Offset	Alignment
S202	526574.0000	1222854.0000	518.70	XBM	SPIKE IN XUP	518+03.99	125.04	S.R. 104
S204	527191.0000	1222627.0000	530.28	XBM	SPIKE IN XUP	524+53.50	62.02	S.R. 104

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	6
PIH	2025	39I040-S3-006	6
PS&E	2026	39I040-S3-006	6

N

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp
N 527168.0262 E 1222708.3709

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp
N 527166.0498 E 1222709.3026

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104
N 526939.3630 E 1222816.1528

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp
N 526723.6436 E 1222917.8335

STA. 518+77.29 SR104=
STA. 0+00.00 EB Off Ramp
N 526700.6365 E 1222928.7249

SEE SHEET NO. 05

SEE SHEET NO. 07

MATCH LINE

MATCH LINE

STA. 1010+00

STA. 1022+00

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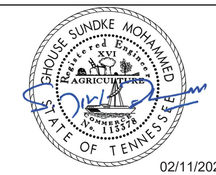

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	6A
PIH	2025	39I040-S3-006	6A
PS&E	2026	39I040-S3-006	6A

CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S9	526759.9012	1222863.8568	526.79	XCP	GPS 39-I40-09	519+58.55	33.37	S.R. 104
S10	527094.2926	1222714.2373	530.78	XCP	GPS 39-I40-10	523+24.82	26.13	S.R. 104

BENCHMARK POINTS

Point	Northing	Easting	Elevation	Feature	Description	Station	Offset	Alignment
S202	526574.0000	1222854.0000	518.70	XBM	SPIKE IN XUP	518+03.99	125.04	S.R. 104
S204	527191.0000	1222627.0000	530.28	XBM	SPIKE IN XUP	524+53.50	62.02	S.R. 104

N

R=894.93'
L=243.19'
PRES. R.O.W. C.A. & FENCE
L=223.92'
WWC/EPH-10
525+86.91
60.31'
524+74.37
59.68'
R=894.93'
L=126.64'
524+51.33
60.64'
9
TJAS HOLDINGS CO. LLC
1010
525
S66°33'38"W
580.33'
PRES. R.O.W. C.A. & FENCE
XUP
100
220
1015
S87°08'23"E
316.32'
1016+80.20
268.20'
10
TJAS HOLDINGS CO. LLC
1020
BEGIN C.A. FENCE
STA. 1020+50.00
OFF. 197.70'
1020+50.00
197.70'
1021+00.00
210.00'
S89°42'32"E
376.45'
WWC/EPH-15
WTL-10
N65°41'00"E
51.49'
"B"
"C"
S87°51'33"W, 413.14'
PROP. ROW & C.A. FENCE
S89°42'32"E, 255.47'
CUT SLOPE
END RAMP CONST.
STA. 212+97.07
WB ON RAMP
S64°01'41"W
WB OFF RAMP
S89°23'08"W
215
GPS 39-I40-10
STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp
N 527168.0262 E 1222708.3709
STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp
N 527166.0498 E 1222709.3026
STA. 1014+04.33 I-40=
STA. 521+41.23 SR104
N 526939.3630 E 1222816.1528
WTL-07
WWC/EPH-11
WTL-06
SR104
N25°14'47"W
I-40℄
N79°29'55"E
SEE SHEET NO. 05A
STA. 1010+00
MATCH LINE
SEE SHEET NO. 07A
STA. 1022+00
MATCH LINE
WWC/EPH-12
WTL-08
WWC/EPH-14
WTL-05
520
GPS 39-I40-09
EB ON RAMP N69°47'26"E
EIP
305
PRES. R.O.W. C.A. & FENCE
S66°31'53"W
717.15'
STR-07
STR-06
5
GORDON M. TOMLIN FAMILY LIMITED PARTNERSHIP
WWC/EPH-06
CUT SLOPE
415
EB OFF RAMP
S85°56'29"E
END RAMP CONST.
STA. 414+87.66
WWC/EPH-08
1010+01.77
317.71'
WWC/EPH-07
S86°52'19"E
28.23'
PRES. R.O.W. C.A. & FENCE
1010+29.21
324.36'
STR-05
S86°52'19"E
452.37'
8
JOSEPH T. & MARY S. SMITH
XUP
STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp
N 526723.6436 E 1222917.8335
517+98.35
59.10'
STA. 518+77.29 SR104=
STA. 0+00.00 EB Off Ramp
N 526700.6365 E 1222928.7249
517+16.82
61.17'
R=776.20'
L=80.41'
516+41.95
59.61'

SEALED BY

CHOUSE, SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
CERTIFICATE NO. 115378
STATE OF TENNESSEE
02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	6B
PIH	2025	39I040-S3-006	6B
PS&E	2026	39I040-S3-006	6B

NOTE:

1. 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-05, STR-06, STR-07 OR WTL-05, WTL-06, WTL-07, WTL-08, AND WTL-10 AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

N

1010 525 100 220 1015 1020 215 520 415 305

BEGIN RAMP MILL & OVERLAY STA. 100+20.90

END RAMP MILL & OVERLAY STA. 221+07.56

EXIST. TO REMAIN

WB ON RAMP S64°01'41"W 16'

WB OFF RAMP 18' S89°23'08"W

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp
N 527168.0262 E 1222708.3709

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp
N 527166.0498 E 1222709.3026

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104
N 526939.3630 E 1222816.1528

BEGIN GUARDRAIL STA. 1014+38.80 OFF. 14.47'

END GUARDRAIL STA. 1015+15.06, OFF. 14.05'

I-40℄ N79°29'55"E

TYPE 38

51" CONC. BARRIER

END CABLE BARRIER STA. 1011+09.81 OFF. 21.02'

END SP. DITCH STA. 213+99.79 14.42' RT

SP. DITCH STA. 212+67.07, 32.2' RT

SP. DITCH STA. 212+97.07, 20.0' RT

END UNDERCUT STA. 212+97.07

END RAMP CONST. STA. 212+97.07

V SOD

5 END RT. SHLDR. TRANSITION STA. 212+97.00, OFF. +4.00'

6 END RT. PVMT. TRANSITION STA. 212+97.00, OFF. 0.00'

WTL-10 WTL-07 WTL-06 WTL-05 WTL-08

WWC/EPH-15 WWC/EPH-11 WWC/EPH-12 WWC/EPH-14 WWC/EPH-06 WWC/EPH-08 WWC/EPH-07

98.31' OF 18" RCP

97.95' OF 24" RCP

198.90' OF 48" RCP

398.82' OF 42" CMP

225.50' OF 24" RCP

162.24' OF 48" RCP

18" RCP

12" HDPE S

18" HDPE S

STR-05 STR-06 STR-07

EXIST. TO REMAIN

BEGIN GUARDRAIL STA. 1012+93.66 OFF. 13.46'

END GUARDRAIL STA. 1013+69.86 OFF. 14.00'

BEGIN CABLE BARRIER STA. 1019+70.84 OFF. 20.46'

BEGIN RAMP MILL & OVERLAY STA. 300+12.51

EB OFF RAMP 17' S85°56'29"E

EB ON RAMP N69°47'26"E 16'

END RAMP MILL & OVERLAY STA. 419+29.59

END RAMP CONST. STA. 414+87.66

END SP. DITCH STA. 414+87.66 63.2' RT

V TRM CLASS I

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp
N 526723.6436 E 1222917.8335

STA. 518+77.29 SR104=
STA. 0+00.00 EB Off Ramp
N 526700.6365 E 1222928.7249

1 END LT. SHLDR. TRANSITION STA. 414+87.66, OFF. -20.00'

2 END LT. PVMT. TRANSITION STA. 414+87.66, OFF. -17.00'

3 END RT. SHLDR. TRANSITION STA. 414+87.66, OFF. +4.00'

4 TIE-IN GUARDRAIL STA. 414+87.66, OFF. +4.00'

SEE SHEET NO. 05B

SEE SHEET NO. 07B

MATCH LINE STA. 1010+00

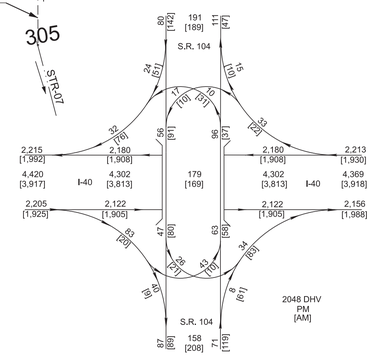
MATCH LINE STA. 1022+00

LEGEND:

PROPOSED FULL DEPTH PAVEMENT

MILL & OVERLAY PAVEMENT

UNDERCUTTING



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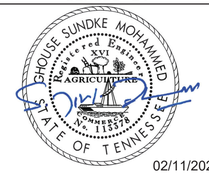

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

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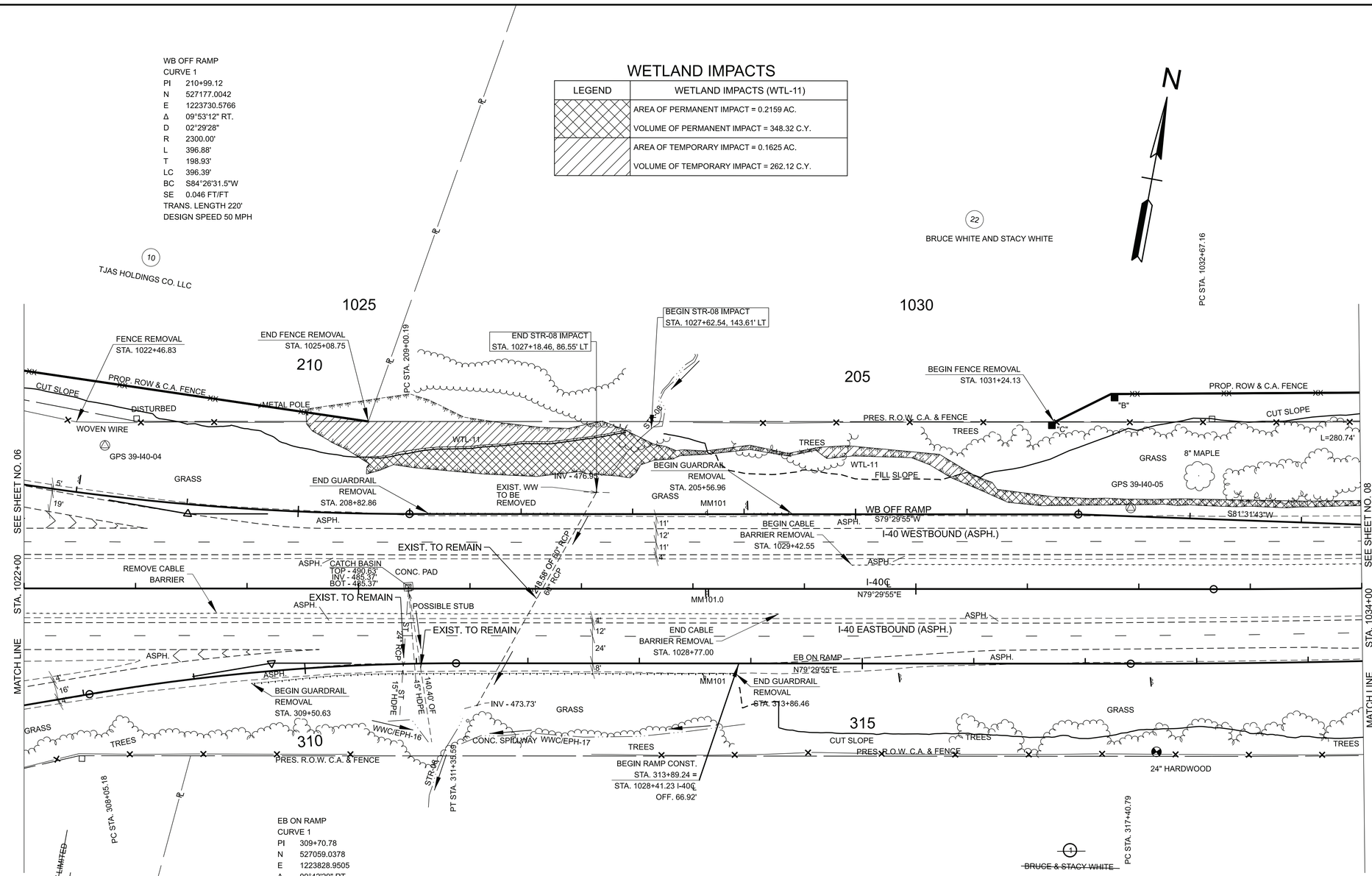
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	7
PIH	2025	39I040-S3-006	7
PS&E	2026	39I040-S3-006	7

WB OFF RAMP
CURVE 1
PI 210+99.12
N 527177.0042
E 1223730.5766
Δ 09°53'12" RT.
D 02°29'28"
R 2300.00'
L 396.88'
T 198.93'
LC 396.39'
BC S84°26'31.5"W
SE 0.046 FT/FT
TRANS. LENGTH 220'
DESIGN SPEED 50 MPH

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.2159 AC.
	VOLUME OF PERMANENT IMPACT = 348.32 C.Y.
	AREA OF TEMPORARY IMPACT = 0.1625 AC.
	VOLUME OF TEMPORARY IMPACT = 262.12 C.Y.



EB ON RAMP
CURVE 1
PI 309+70.78
N 527059.0378
E 1223828.9505
Δ 09°42'29" RT.
D 02°56'18"
R 1950.00'
L 330.40'
T 165.60'
LC 330.01'
BC N74°38'40.9"E
SE EXIST.
TRANS. LENGTH EXIST
DESIGN SPEED 50 MPH

CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S4	527223.7769	1223646.3102	508.64	XCP	GPS 39-I40-04	211+79.56	44.73	WB OFF RAMP
S5	527336.9348	1224561.3527	501.60	XCP	GPS 39-I40-05	202+53.35	7.50	WB OFF RAMP

BENCHMARK POINTS

Point	Northing	Easting	Elevation	Feature	Description	Station	Offset	Alignment
S211	527126.0000	1224624.0000	499.71	XBM	SPIKE IN 24" HARDWOOD	317+62.86	80.30	EB ON RAMP

SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
No. 131578
AGRICULTURE
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

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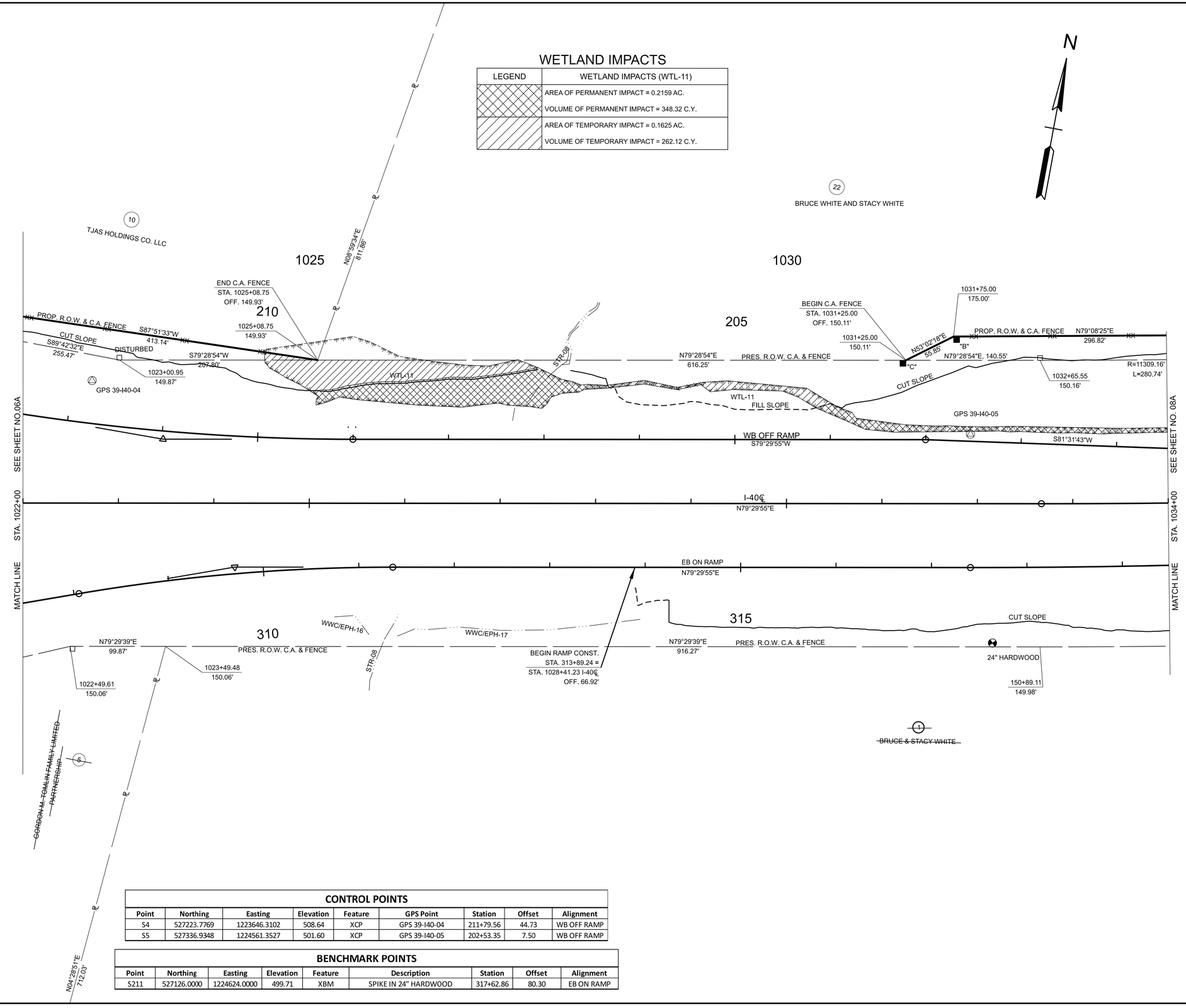
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S3-006	7A
PIH	2025	39I040-S3-006	7A
PS&E	2026	39I040-S3-006	7A

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.2159 AC.
	VOLUME OF PERMANENT IMPACT = 348.32 C.Y.
	AREA OF TEMPORARY IMPACT = 0.1625 AC.
	VOLUME OF TEMPORARY IMPACT = 262.12 C.Y.



CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S4	527223.7769	1223646.3102	508.64	XCP	GPS 39-I40-04	211+79.56	44.73	WB OFF RAMP
S5	527336.9348	1224561.3527	501.60	XCP	GPS 39-I40-05	202+53.35	7.50	WB OFF RAMP

BENCHMARK POINTS

Point	Northing	Easting	Elevation	Feature	Description	Station	Offset	Alignment
S211	527126.0000	1224624.0000	499.71	XBM	SPIKE IN 24" HARDWOOD	317+62.86	80.30	EB ON RAMP

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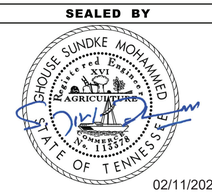

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

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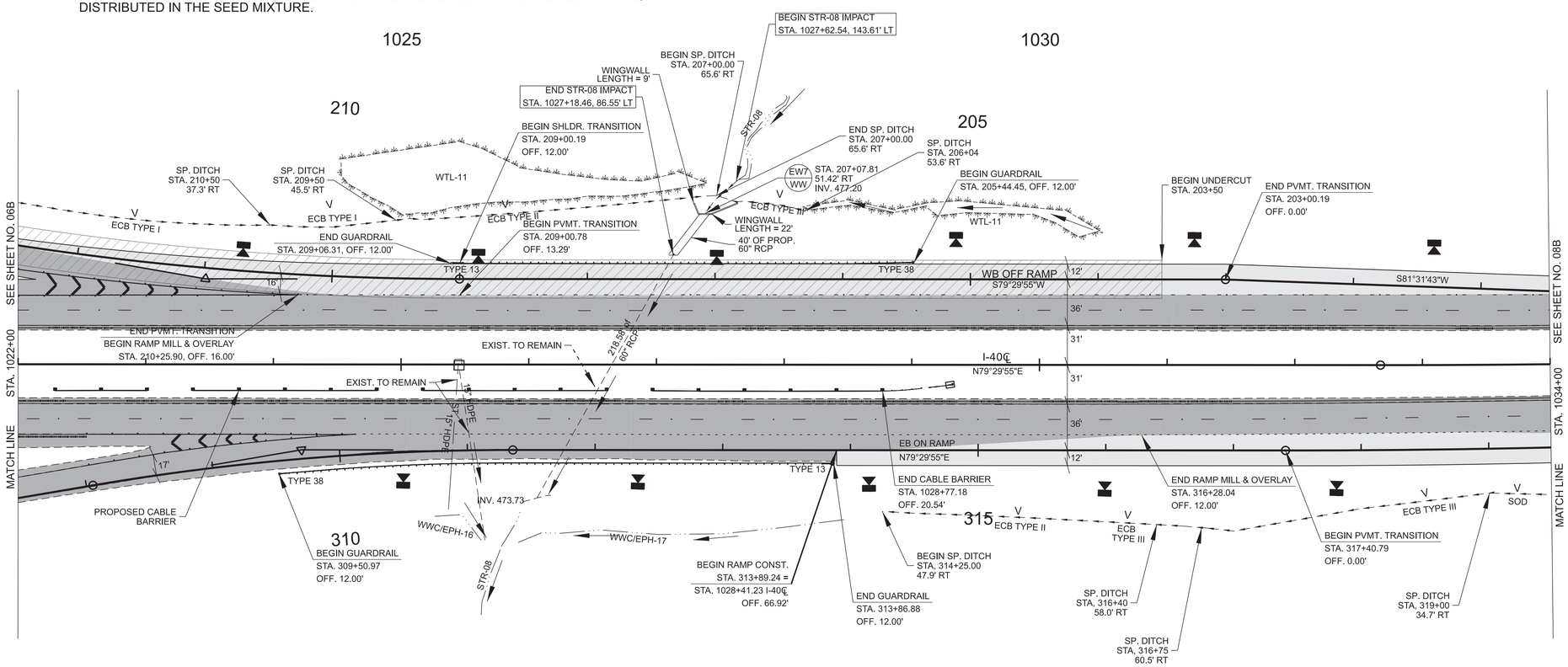
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	7B
PIH	2025	39I040-S3-006	7B
PS&E	2026	39I040-S3-006	7B

WETLAND NOTES:

1. REMOVE THE TOP 12 INCHES OF TOPSOIL AND STOCKPILE IT UNTIL CONSTRUCTION IS COMPLETE.
2. ONCE CONSTRUCTION ACTIVITIES ARE COMPLETED, RESTORE ALL TEMPORARY WETLAND IMPACT AREAS TO PRE-CONSTRUCTION CONDITIONS. THIS INCLUDES REMOVING HAUL ROADS (IF APPLICABLE), RESTORING THE SITE TO THE ORIGINAL (PRE-CONSTRUCTION) ELEVATION, AND SPREADING STOCKPILED TOPSOIL BACK OVER THE WETLAND SITE.
3. THE AREA OF TEMPORARY IMPACTS WILL BE STABILIZED WITH WETLAND SEED MIXTURE 801-01.36 ONLY. TREE PLANTINGS ARE NOT REQUIRED.
4. WETLAND AREA LOCATED OUTSIDE OF PROPOSED RIGHT-OF-WAY AND CONSTRUCTION EASEMENTS ARE TO BE CLEARLY MARKED AND NOT TO BE DISTURBED.

WETLAND SEED MIX THE FOLLOWING SPECIES SHOULD BE USED FOR ITEM NO. 801-01.36 SPECIAL WETLAND SEED MIXTURE: - SEDGES (CAREX SP.) - SMARTWEED (POLYGONUM SP. OR PERSICARIA SP.) - RUSHES (JUNCUS SP.) - AT LEAST ONE OF THE FOLLOWING: SPIKERUSHES (ELEOCHARIS SP.), SEDGES (CYPERUS SP.), GREEN BULRUSH (SCIRPUS ATROVIRENS), SWAMP MILKWEED (ASCLEPIAS INCARNATA), SEEDBOX (LUDWIGIA ALTERNIFOLIA), AND LATE BONESET (EUPATORIUM SEROTINUM). 34 LB./ACRE OF SEED MIX SHALL BE USED. SEED SPECIES LISTED ABOVE SHOULD BE EQUALLY DISTRIBUTED IN THE SEED MIXTURE.

N



LEGEND:

- PROPOSED FULL DEPTH PAVEMENT
- MILL & OVERLAY PAVEMENT
- UNDERCUTTING

NOTES:

1. THE STREAM AT THE INLET AND OUTLET OF PROPOSED EMBEDDED STREAM CONVEYANCE STRUCTURES SHALL BE RESTORED TO THE PRECONSTRUCTION STREAM CHANNEL CROSS-SECTION MATCHING THE CHANNEL BOTTOM WIDTH AND BANK HEIGHT AND WIDTH. THE RESTORED STREAM CHANNEL WILL BE CONSTRUCTED FROM THE EXCAVATED STREAM AND STREAM BANK MATERIALS, OR OTHER MATERIALS IF SPECIFIED, ONCE THE CONSTRUCTION OF THE STREAM CONVEYANCE STRUCTURE IS COMPLETE. REFER TO THE "EMBEDDING OF STRUCTURES" NOTE FOR SPECIFICATIONS OF EXCAVATED STREAM MATERIALS TO BE USED, IF APPLICABLE."

   WHEN RECONSTRUCTING THE STREAM BANK, USE A COIR FIBER ROLL AT THE TOE OF THE BANK TO PROVIDE BANK STABILITY WHILE NATIVE VEGETATION ESTABLISHES. STANDARD DRAWING D-NSD-33 MUST BE USED FOR COIR FIBER ROLL INSTALLATION. STREAM BANK MATERIALS EXCAVATED DURING THE CONSTRUCTION OF THE STREAM CONVEYANCE STRUCTURE, OR OTHER MATERIALS IF SPECIFIED, SHOULD BE USED WHEN RECONSTRUCTING THE STREAM BANK ONCE THE STRUCTURE IS COMPLETE. NATIVE SEED MIXTURES AS SPECIFIED IN STANDARD DRAWING STD-17-20 SHALL BE PLANTED ONCE THE BANK CONSTRUCTION IS COMPLETE. IF NATURAL CHANNEL DESIGN IS PROPOSED AT THE STRUCTURE INLET, OUTLET, OR BOTH, IMPLEMENT THE DESIGN AS SHOWN IN THE NATURAL CHANNEL DESIGN PLANS INSTEAD OF RESTORING THE CHANNEL TO THE PRECONSTRUCTION CROSS-SECTION.

2. 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-08, WTL-11 AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

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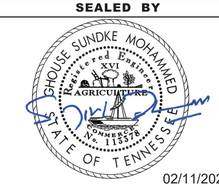

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

2/10/2026 2:55:47 PM
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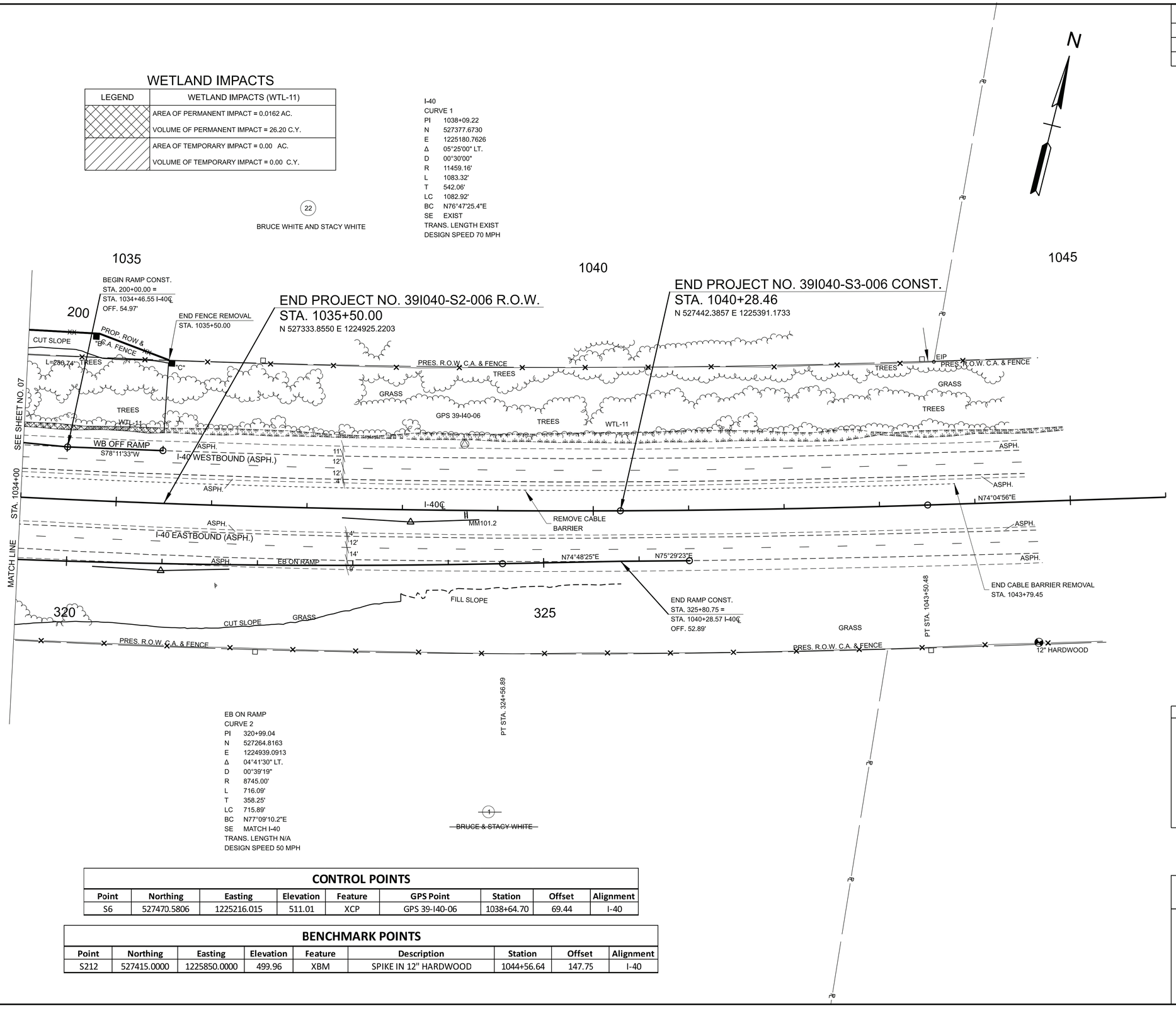
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	8
PIH	2025	39I040-S3-006	8
PS&E	2026	39I040-S3-006	8

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.0162 AC. VOLUME OF PERMANENT IMPACT = 26.20 C.Y.
	AREA OF TEMPORARY IMPACT = 0.00 AC. VOLUME OF TEMPORARY IMPACT = 0.00 C.Y.

I-40
CURVE 1
PI 1038+09.22
N 527377.6730
E 1225180.7626
Δ 05°25'00" LT.
D 00°30'00"
R 11459.16'
L 1083.32'
T 542.06'
LC 1082.92'
BC N76°47'25.4"E
SE EXIST
TRANS. LENGTH EXIST
DESIGN SPEED 70 MPH

22
BRUCE WHITE AND STACY WHITE



EB ON RAMP
CURVE 2
PI 320+99.04
N 527264.8163
E 1224939.0913
Δ 04°41'30" LT.
D 00°39'19"
R 8745.00'
L 716.09'
T 358.25'
LC 715.89'
BC N77°09'10.2"E
SE MATCH I-40
TRANS. LENGTH N/A
DESIGN SPEED 50 MPH

1
~~BRUCE & STACY WHITE~~

CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S6	527470.5806	1225216.015	511.01	XCP	GPS 39-I40-06	1038+64.70	69.44	I-40

BENCHMARK POINTS

Point	Northing	Easting	Elevation	Feature	Description	Station	Offset	Alignment
S212	527415.0000	1225850.0000	499.96	XBM	SPIKE IN 12" HARDWOOD	1044+56.64	147.75	I-40

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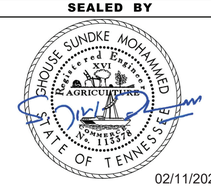

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 1034+00.00 TO STA. 1040+28.46
SCALE: 1" = 50'

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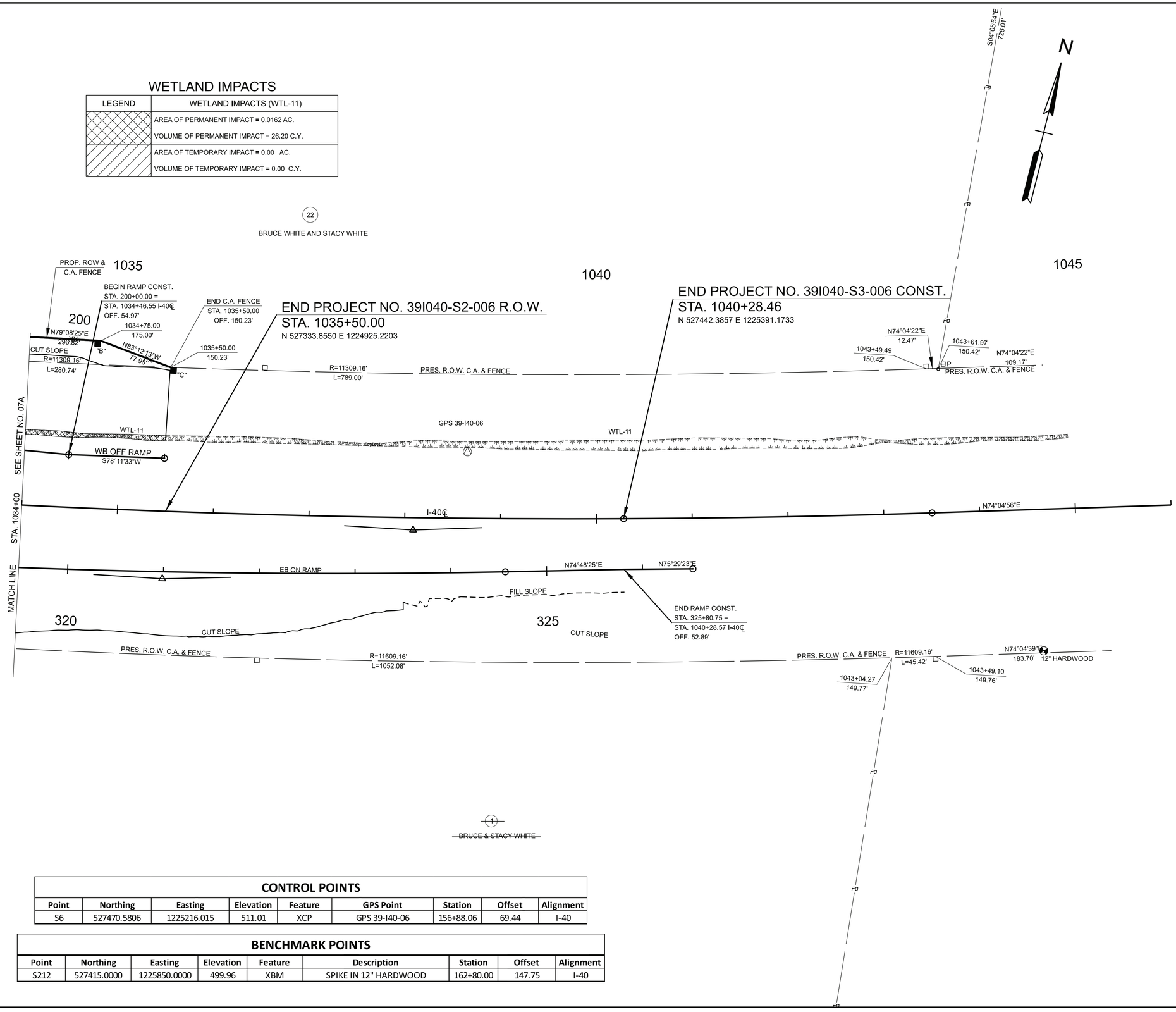
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S3-006	8A
PIH	2025	39I040-S3-006	8A
PS&E	2026	39I040-S3-006	8A

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.0162 AC.
	VOLUME OF PERMANENT IMPACT = 26.20 C.Y.
	AREA OF TEMPORARY IMPACT = 0.00 AC.
	VOLUME OF TEMPORARY IMPACT = 0.00 C.Y.



CONTROL POINTS

Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset	Alignment
S6	527470.5806	1225216.015	511.01	XCP	GPS 39-I40-06	156+88.06	69.44	I-40

BENCHMARK POINTS

Point	Northing	Easting	Elevation	Feature	Description	Station	Offset	Alignment
S212	527415.0000	1225850.0000	499.96	XBM	SPIKE IN 12" HARDWOOD	162+80.00	147.75	I-40

SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
No. 115178
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 1034+00.00 TO STA. 1040+28.46
SCALE: 1" = 50'

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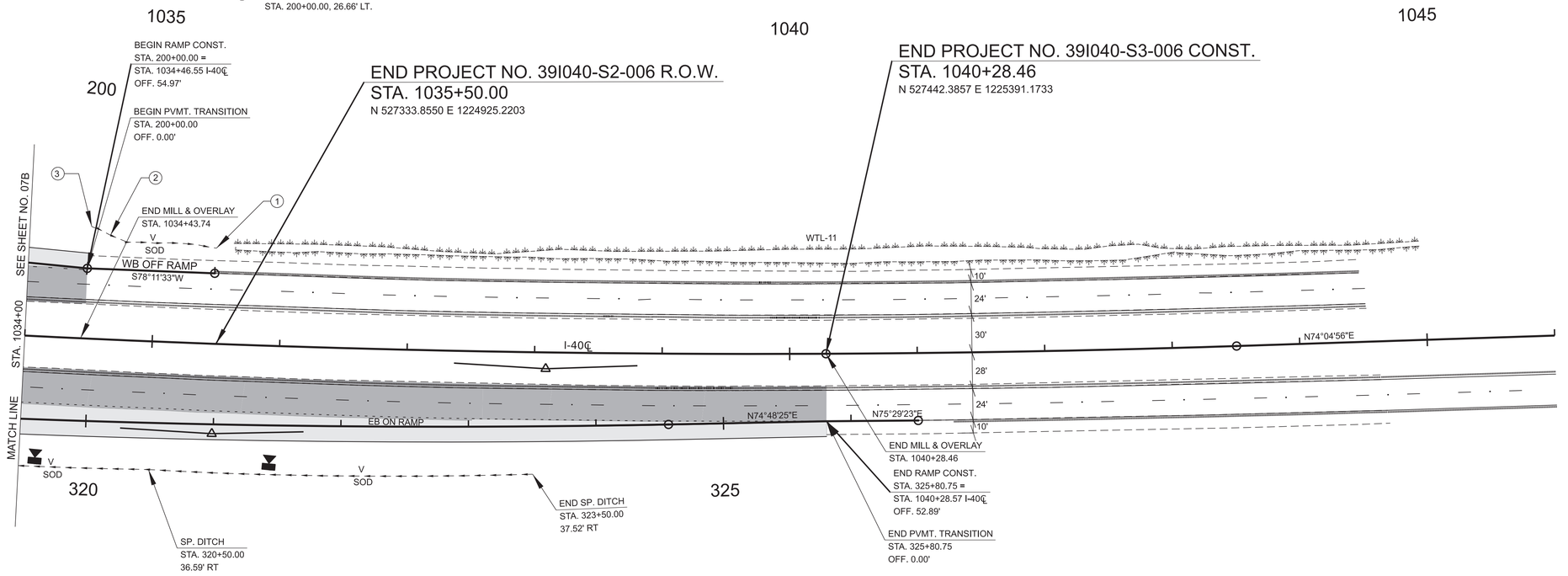
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	8B
PIH	2025	39I040-S3-006	8B
PS&E	2026	39I040-S3-006	8B

NOTE:

1. 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 WTL-11 AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.



LEGEND:

PROPOSED FULL DEPTH PAVEMENT

MILL & OVERLAY PAVEMENT

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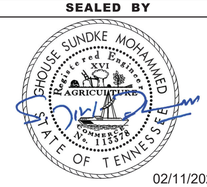

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 1034+00.00 TO STA. 1040+28.46
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	9
PIH	2025	39I040-S3-006	9
PS&E	2026	39I040-S3-006	9

STATION: 1001+72.73 I-40 CL (112+26.59 WB ENT BL)
STRUCTURE: 28' RCP LT EXT. & 22' RCP RT EXT. OF 237 LF OF 24" RCP

SKEW	60 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	4.38 AC
DESIGN DISCHARGE (Q50)	18 CFS
DESIGN DISCHARGE (Q100)	19 CFS
OVERTOPPING	511.84
ALLOWABLE HEADWATER	504.21
Q50 HEADWATER	505.11
Q100 HEADWATER	505.26
VELOCITY (V50)	11.20 FT/S
VELOCITY (V100)	11.35 FT/S
ENDWALLS REQUIRED:	TYPE 'U' EW, LT & RT
STD. DWG NOS.: D-PB-1; D-PB-4; D-PE-24A, B; D-PE-99	

STATION: 997+67.18 I-40 CL (116+31.20 WB ENT BL)
STRUCTURE: 30' RCP LT EXT & 16' RCP RT EXT OF 228 LF OF 18" RCP

SKEW	60 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	3.31 AC
DESIGN DISCHARGE (Q50)	14 CFS
DESIGN DISCHARGE (Q100)	15 CFS
OVERTOPPING	504.21
ALLOWABLE HEADWATER	502.14
Q50 HEADWATER	501.32
Q100 HEADWATER	501.69
VELOCITY (V50)	14.12 FT/S
VELOCITY (V100)	14.35 FT/S
ENDWALLS REQUIRED:	TYPE 'ST' EW, LT & RT
STD. DWG NOS.: D-PB-1; D-PB-4; D-PE-4	

BEGIN WB ON RAMP
STA. 111+00.00
ELEV. 515.43

EXISTING GROUND

4" GAS LINE

VPI STA. 111+00.00 EL. 515.43
VPI STA. 111+50.00 EL. 514.80
VPI STA. 112+00.00 EL. 513.61
VPI STA. 112+50.00 EL. 512.51
VPI STA. 113+00.00 EL. 511.35
VPI STA. 113+50.00 EL. 510.31
VPI STA. 114+00.00 EL. 509.21
VPI STA. 114+50.00 EL. 508.07
VPI STA. 115+00.00 EL. 506.88
VPI STA. 115+50.00 EL. 505.76
VPI STA. 116+00.00 EL. 504.85
VPI STA. 116+50.00 EL. 503.62
VPI STA. 117+00.00 EL. 502.70
VPI STA. 117+50.00 EL. 501.86
VPI STA. 118+00.00 EL. 501.09
VPI STA. 118+50.00 EL. 500.36
VPI STA. 119+00.00 EL. 499.69

-1.67% -1.97% -2.20% -2.33% -2.07% -2.22% -2.28% -2.38% -2.23% -2.23% -2.07% -1.84% -1.68% -1.54% -1.47% -1.34%

FINISHED GRADE

CF-S2
GPS 39-I40-03
STA. 115+82.10
N 526549.6431
E 1221214.7593
EL. 503.49

24" RCP
TO REMAIN

STA. 112+26.59
EXIST. 24" RCP
SKEW: 60° LT.
FLOWS LEFT
INLET: 501.97'
OUTLET: 496.37'

CP-S1
GPS 39-I40-01
STA. 107+45.79
N 526413.6112
E 1220389.4329
EL. 492.75

BM-S209
SCRIBE IN HEADWALL
STA. 111+53.18
N 526477.0000
E 1220792.0000
EL. 492.49

STA. 116+31.17
EXIST. 18" RCP
SKEW: 60° LT.
FLOWS LEFT
INLET: 497.04'
OUTLET: 485.15'

18" RCP
TO REMAIN

-5.88%
SPECIAL DITCH RT VPI
STA. 116+65.00 - EL. 483.58
SPECIAL DITCH RT VPI
STA. 117+05.00 - EL. 481.23

-0.58%
SPECIAL DITCH RT VPI
STA. 118+53.29 - EL. 477.87
SPECIAL DITCH RT VPI
STA. 119+00.00 - EL. 477.60

STA. 111+00.00
S.E. -2.00%

RT. EOR

℄

SUPERELEVATION DIAGRAM

555 550 545 540 535 530 525 520 515 510 505 500 495 490 485 480 475 470 465 460 455

107+00 108+00 109+00 110+00 111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00

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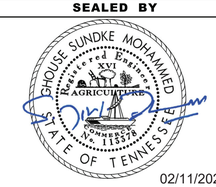

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP
PROFILE
WB ON RAMP
STA. 107+00.00 TO STA. 119+00.00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	10
PIH	2025	39I040-S3-006	10
PS&E	2026	39I040-S3-006	10

STATION: 993+35.50 I-40 CL (120+25.33 WB ENT BL)
STRUCTURE: 23' RCP LT EXT. OF 184 LF OF 24" RCP

SKEW	90 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	3.88 AC
DESIGN DISCHARGE (Q50)	22 CFS
DESIGN DISCHARGE (Q100)	24 CFS
OVERTOPPING	496.92
ALLOWABLE HEADWATER	492.70
Q50 HEADWATER	492.70
Q100 HEADWATER	493.07
VELOCITY (V50)	15.64 FT/S
VELOCITY (V100)	16.00 FT/S
ENDWALLS REQUIRED:	TYPE 'ST' EW, LT

STD. DWG NOS.: D-PB-1; D-PB-4; D-PE-4

STATION: 994+51.96 I-40 CL (119+09.28 WB ENT BL)
STRUCTURE: 27' LT OF 18" RCP EXT. OF 100 LF OF 15" RCP

SKEW	90 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	1.77 AC
DESIGN DISCHARGE (Q50)	5 CFS
DESIGN DISCHARGE (Q100)	6 CFS
VELOCITY (V50)	10.90 FT/S
VELOCITY (V100)	11.06 FT/S
ENDWALLS REQUIRED:	TYPE 'U' EW, LT

STD. DWG NOS.: D-PB-1; D-JBS-1, D-PE-18A, B; D-PE-99

BM-S204
SPIKE IN XUP
STA. 130+87.57
N 527191.0000
E 1222627.0000
EL. 530.28

CP-S3
GPS 39-I40-03
STA. 124+02.21
N 526704.9617
E 1222020.0655
EL. 514.74

END WB ON RAMP
STA. 123+67.13
ELEV. 496.02

VPI STA. 119+00.00 EL. 499.69
VPI STA. 119+50.00 EL. 499.06
VPI STA. 120+00.00 EL. 498.60
VPI STA. 120+50.00 EL. 498.00
VPI STA. 121+00.00 EL. 497.66
VPI STA. 121+50.00 EL. 497.34
VPI STA. 122+00.00 EL. 497.06
VPI STA. 122+50.00 EL. 496.72
VPI STA. 123+00.00 EL. 496.43
VPI STA. 123+50.00 EL. 496.14
VPI STA. 123+67.13 EL. 496.02

-1.44% -1.25% -0.92% -1.21% -0.68% -0.62% -0.57% -0.68% -0.57% -0.59% -0.65%

JB1
JB#1

15" RCP
TO REMAIN

EXISTING GROUND

FINISHED GRADE

24" RCP
TO REMAIN

15" CMP
TO REMAIN

30" RCP
TO REMAIN

SPECIAL DITCH RT VPI
STA. 119+00.00 - EL. 477.60

SPECIAL DITCH RT VPI
STA. 120+00.00 - EL. 475.90

-2.80% -0.60% -0.52%

SPECIAL DITCH RT VPI
STA. 119+50.00 - EL. 476.20

SPECIAL DITCH RT VPI
STA. 120+38.78 - EL. 475.70

STA. 125+60.61
EXIST. 30" RCP
SKEW: 90°
FLOWS LEFT
INLET: 483.00'
OUTLET: 476.66'

STA. 129+10.03
EXIST. 15" CMP
SKEW: 90°
FLOWS LEFT
INLET: 487.66'
OUTLET: 486.75'

STA. 119+09.22
EXIST. 15" RCP
SKEW: 90°
FLOWS LEFT
INLET: 494.19'
OUTLET: 480.90

STA. 120+25.34
EXIST. 24" RCP
SKEW: 90°
FLOWS LEFT
INLET: 489.48'
OUTLET: 480.15'

RT. EOP

STA. 123+67.13
S.E. +2.00%

℄

SUPERELEVATION DIAGRAM

545 540 535 530 525 520 515 510 505 500 495 490 485 480 475 470 465 460 455 450 445

119+00 120+00 121+00 122+00 123+00 124+00 125+00 126+00 127+00 128+00 129+00 130+00 131+00

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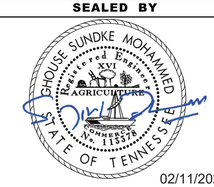

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP
PROFILE
WB ON RAMP
STA. 119+00.00 TO STA. 131+00.00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	11
PIH	2025	39I040-S3-006	11
PS&E	2026	39I040-S3-006	11

STATION: 1026+65.00 I-40 CL (207+43.38 WB EXIT BL)	
STRUCTURE: 40' RCP LT EXT. OF 219 LF OF 60" RCP PIPE	
SKEW	61 DEG. RT
FLOW	NORTH TO SOUTH
DRAINAGE AREA	86.78 AC
DESIGN DISCHARGE (Q50)	152 CFS
DESIGN DISCHARGE (Q100)	164 CFS
OVERTOPPING	491.80
ALLOWABLE HEADWATER	482.68
Q50 HEADWATER	482.93
Q100 HEADWATER	483.31
VELOCITY (V50)	15.16 FT/S
VELOCITY (V100)	15.44 FT/S
ENDWALLS REQUIRED:	WINGWALL, LT
STD. DWG NOS.: D-PB-1; D-PB-4; DPEW-1; DPEW-2	

BEGIN WB OFF RAMP
STA. 200+00.00
ELEV. 507.54

VPI STA. 200+00.00 EL. 508.45
VPI STA. 200+50.00 EL. 507.54
VPI STA. 201+00.00 EL. 506.58
VPI STA. 201+50.00 EL. 505.52
VPI STA. 202+00.00 EL. 504.37
VPI STA. 202+50.00 EL. 503.26
VPI STA. 203+00.00 EL. 502.13
VPI STA. 203+50.00 EL. 501.00
VPI STA. 204+00.00 EL. 499.83
VPI STA. 204+50.00 EL. 498.72
VPI STA. 205+00.00 EL. 497.71
VPI STA. 205+50.00 EL. 496.73
VPI STA. 206+00.00 EL. 495.89
VPI STA. 206+50.00 EL. 495.19
VPI STA. 207+00.00 EL. 494.53
VPI STA. 207+50.00 EL. 494.18
VPI STA. 208+00.00 EL. 493.84
VPI STA. 208+50.00 EL. 493.65

-1.81% -1.93% -2.11% -2.30% -2.22% -2.25% -2.27% -2.35% -2.22% -2.02% -1.96% -1.68% -1.41% -1.11% -0.91% -0.67% -0.39% -0.08%

+2.01% +1.12%

SPECIAL DITCH RT VPI
STA. 199+00.00 - EL. 506.26

SPECIAL DITCH RT VPI
STA. 199+75.00 - EL. 504.75

SPECIAL DITCH RT VPI
STA. 200+00.00 - EL. 504.47

CP-S5
GPS 39-I40-05
STA. 202+53.35
N 527223.7769
E 1224561.3527
EL. 501.60

EXISTING GROUND

FINISHED GRADE

60" RCP
TO REMAIN

SPECIAL DITCH RT VPI
STA. 206+29.00 - EL. 482.67

SPECIAL DITCH RT VPI
STA. 206+50.00 - EL. 480.75

-5.14% -0.18% -1.14% +2.94% +2.40%

SPECIAL DITCH RT VPI
STA. 209+00.00 - EL. 482.50

SPECIAL DITCH RT VPI
STA. 207+08.50 - EL. 477.90

SPECIAL DITCH RT VPI
STA. 207+00.00 - EL. 477.65

SPECIAL DITCH RT VPI
STA. 206+78.00 - EL. 477.90

STA. 207+43.36
EXIST. 60" RCP
SKEW: 61° LT.
FLOWS RIGHT
INLET: 476.95'
OUTLET: 473.73'

STA. 200+00.00
S.E. +2.00%

STA. 208+30.19
S.E. +2.00%

RT. EOP

℄

SUPERELEVATION DIAGRAM

197+00 198+00 199+00 200+00 201+00 202+00 203+00 204+00 205+00 206+00 207+00 208+00 209+00

550 545 540 535 530 525 520 515 510 505 500 495 490 485 480 475 470 465 460 455 450

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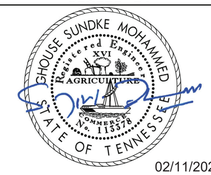

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP
PROFILE
WB OFF RAMP
STA. 197+00.00 TO STA. 209+00.00

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

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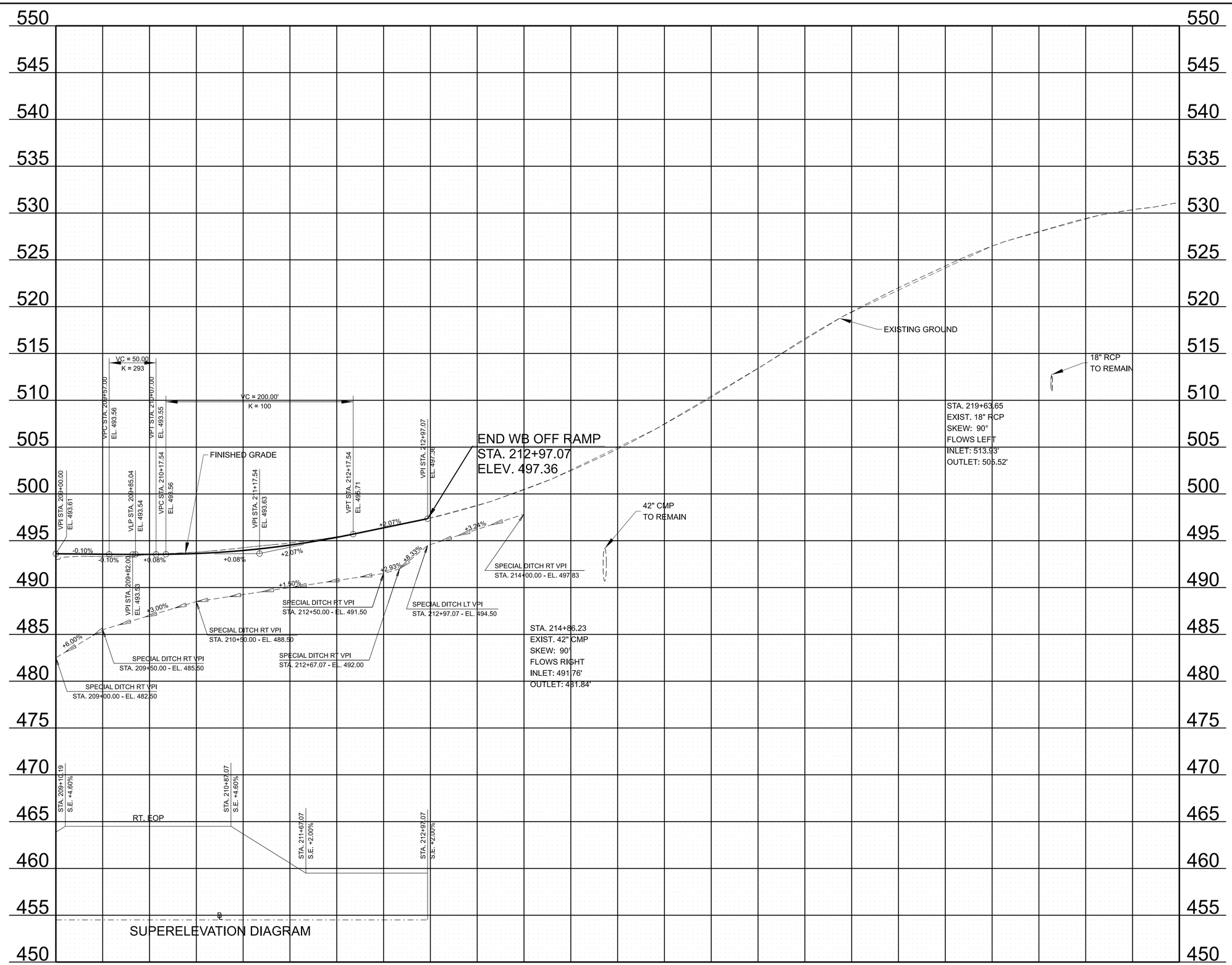
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	12
PIH	2025	39I040-S3-006	12
PS&E	2026	39I040-S3-006	12



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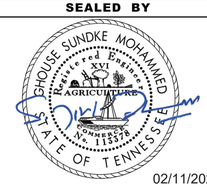

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP
PROFILE
WB OFF RAMP
STA. 209+00.00 TO STA. 221+00.00

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

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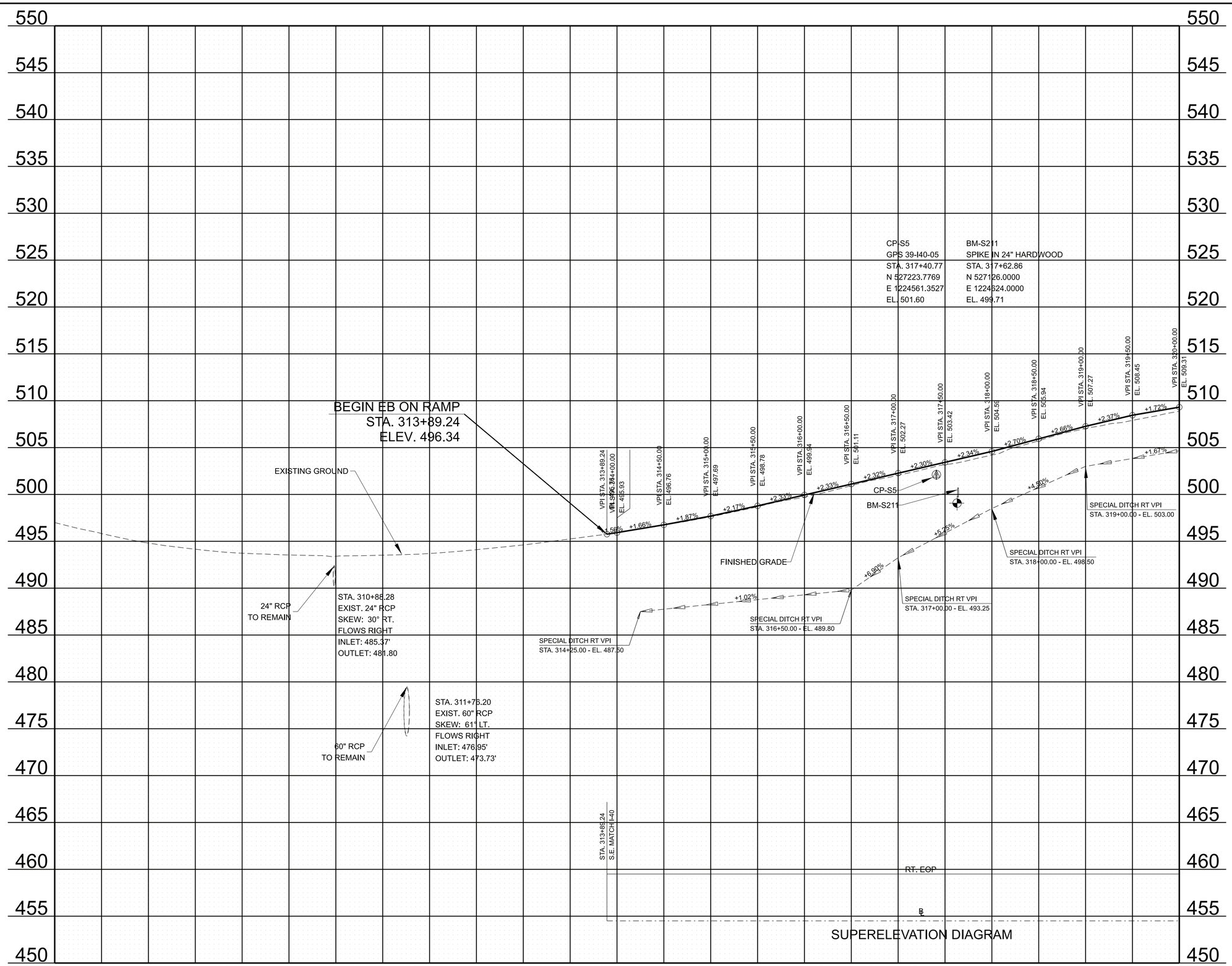
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	13
PIH	2025	39I040-S3-006	13
PS&E	2026	39I040-S3-006	13



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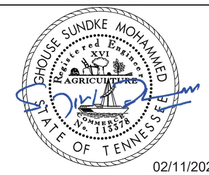

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP
PROFILE
EB ON RAMP
STA. 308+00.00 TO STA. 320+00.00

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

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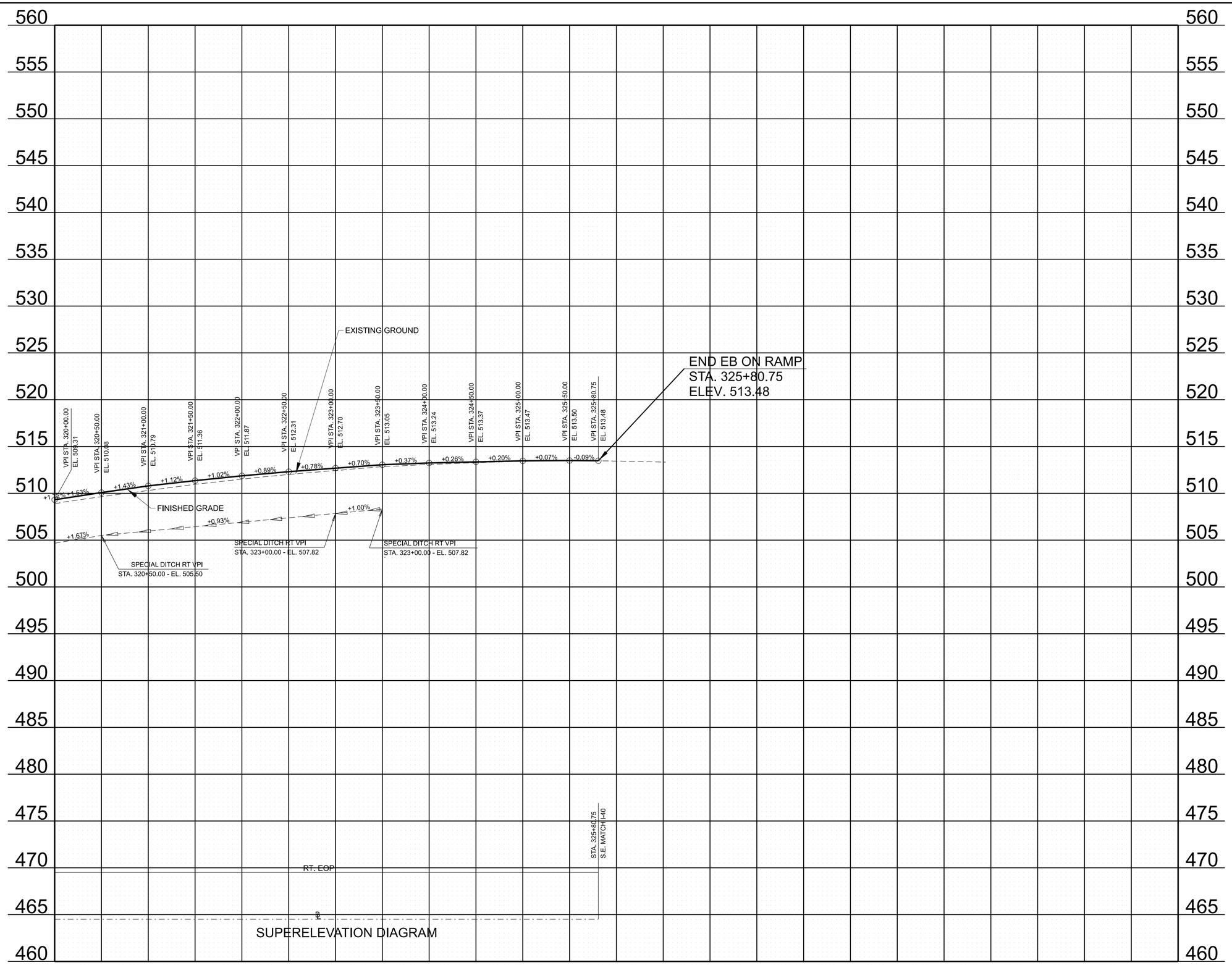
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	14
PIH	2025	39I040-S3-006	14
PS&E	2026	39I040-S3-006	14



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02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE

EB ON RAMP

STA. 320+00.00 TO STA. 332+00.00

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	15
PIH	2025	39I040-S3-006	15
PS&E	2026	39I040-S3-006	15

STATION: 997+67.18 I-40 CL (116+31.20 WB ENT BL)
STRUCTURE: 30' RCP LT EXT & 16' RCP RT EXT OF 228 LF OF 18" RCP

SKEW	60 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	3.31 AC
DESIGN DISCHARGE (Q50)	14 CFS
DESIGN DISCHARGE (Q100)	15 CFS
OVERTOPPING	504.21
ALLOWABLE HEADWATER	502.14
Q50 HEADWATER	501.32
Q100 HEADWATER	501.69
VELOCITY (V50)	14.12 FT/S
VELOCITY (V100)	14.35 FT/S
ENDWALLS REQUIRED:	TYPE 'ST' EW, LT & RT

STD. DWG NOS.: D-PB-1; D-PB-4; D-PE-4

STATION: 1001+72.73 I-40 CL (112+26.59 WB ENT BL)
STRUCTURE: 28' RCP LT EXT. & 22' RCP RT EXT. OF 237 LF OF 24" RCP

SKEW	60 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	4.38 AC
DESIGN DISCHARGE (Q50)	18 CFS
DESIGN DISCHARGE (Q100)	19 CFS
OVERTOPPING	511.84
ALLOWABLE HEADWATER	504.21
Q50 HEADWATER	505.11
Q100 HEADWATER	505.26
VELOCITY (V50)	11.20 FT/S
VELOCITY (V100)	11.35 FT/S
ENDWALLS REQUIRED:	TYPE 'U' EW, LT & RT

STD. DWG NOS.: D-PB-1; D-PB-4; D-PE-24A, B; D-PE-99

BEGIN EB OFF RAMP
STA. 400+00.00
ELEV. 501.13

VPI STA. 400+00.00 EL. 501.13
VPI STA. 400+50.00 EL. 501.90
VPI STA. 401+00.00 EL. 502.75
VPI STA. 401+50.00 EL. 503.61
VPI STA. 402+00.00 EL. 504.49
VPI STA. 402+50.00 EL. 505.49
VPI STA. 402+78.00 EL. 506.23
VPI STA. 403+00.00 EL. 506.69
VPI STA. 403+50.00 EL. 507.76
VPI STA. 404+00.00 EL. 508.86
VPI STA. 404+50.00 EL. 511.02
VPI STA. 405+00.00 EL. 511.16
VPI STA. 405+50.00 EL. 512.23
VPI STA. 406+00.00 EL. 513.21
VPI STA. 406+50.00 EL. 514.16
VPI STA. 407+00.00 EL. 514.11
VPI STA. 407+50.00 EL. 515.94
VPI STA. 408+00.00 EL. 516.67
VPI STA. 408+50.00 EL. 517.26
VPI STA. 409+00.00 EL. 517.76

+1.53% +1.71% +1.72% +1.95% +1.81% +2.63% +2.07% +2.15% +2.19% +2.32% +2.27% +2.14% +1.98% +1.90% +1.90% +1.65% +1.47% +1.17% +1.00%

+0.91% +1.35% -1.31% -2.64% +3.45% -2.87% +5.19% +1.08%

4" GAS LINE
SPECIAL DITCH RT VPI
STA. 408+00.00 - EL. 507.83
24" RCP
TO REMAIN
CP-S2
EXISTING GROUND
FINISHED GRADE
SPECIAL DITCH RT VPI
STA. 405+50.00 - EL. 507.50
SPECIAL DITCH RT VPI
STA. 407+07.00 - EL. 503.00
24" RCP
SPECIAL DITCH LT VPI
STA. 399+00.00 - EL. 496.09
SPECIAL DITCH LT VPI
STA. 400+00.00 EL. 497.00
SPECIAL DITCH LT VPI
STA. 402+00.00 - EL. 499.70
SPECIAL DITCH RT VPI
STA. 402+53.63 - EL. 499.00
SPECIAL DITCH RT VPI
STA. 402+82.00 - EL. 498.25
18" RCP
TO REMAIN

STA. 402+55.10
EXIST. 18" RCP
SKEW: 60° LT.
FLOWS LEFT
INLET: 497.04'
OUTLET: 485.15'

CP-S2
GPS 39-I40-02
STA. 402+10.54
N 526549.6431
E 1221214.7593
EL. 503.49

STA. 406+61.83
EXIST. 24" RCP
SKEW: 60° LT.
FLOWS LEFT
INLET: 501.97'
OUTLET: 496.37'

STA. 400+00.00
S.E. +2.00%
STA. 409+33.23
S.E. +2.00%

℄
SUPERELEVATION DIAGRAM

397+00 398+00 399+00 400+00 401+00 402+00 403+00 404+00 405+00 406+00 407+00 408+00 409+00

555 550 545 540 535 530 525 520 515 510 505 500 495 490 485 480 475 470 465 460 455

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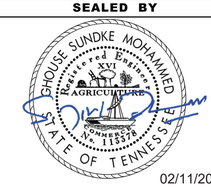

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP
PROFILE
EB OFF RAMP
STA. 397+00.00 TO STA. 409+00.00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	16
PIH	2025	39I040-S3-006	16
PS&E	2026	39I040-S3-006	16

565
560
555
550
545
540
535
530
525
520
515
510
505
500
495
490
485
480
475
470
465

409+00 410+00 411+00 412+00 413+00 414+00 415+00 416+00 417+00 418+00 419+00 420+00 421+00

CP-S3
GPS 39-I40-03
STA. 410+30.61
N 526704.9617
E 1222020.0655
EL. 514.74

VPI STA. 409+33.23
EL. 518.01

VC = 100.00'
K = 99

VPC STA. 410+85.00
EL. 518.40

VHP STA. 411+10.08
EL. 518.43

VPI STA. 411+35.00
EL. 518.52

VPT STA. 411+85.00
EL. 518.14

VC = 150.00'
K = 65

VPC STA. 412+30.00
EL. 517.80

VLP STA. 412+79.14
EL. 517.61

VPI STA. 413+45.00
EL. 517.23

VPT STA. 413+60.00
EL. 518.40

VPI STA. 414+87.66
EL. 521.08

END EB OFF RAMP
STA. 414+87.66
ELEV. 520.08

EXISTING GROUND

+0.75% +0.25% +0.25% -0.76% -0.76% -0.76% +1.56% +1.56%

FINISHED GRADE

OH ELECTRIC

WATER LINE

UG FIBER

UG TELEPHONE

MOCK CONDUIT

+1.08% +2.48% -0.50% -10.91% -2.50%

SPECIAL DITCH RT VPI
STA. 410+50.00 - EL. 510.52

SPECIAL DITCH RT VPI
STA. 411+50.00 - EL. 513.00

SPECIAL DITCH RT VPI
STA. 413+60.00 - EL. 511.95

SPECIAL DITCH RT VPI
STA. 414+47.50 - EL. 502.40

SPECIAL DITCH RT VPI
STA. 414+87.66 - EL. 501.40

24" RCP
TO REMAIN

STA. 415+90.85
EXIST. 24" RCP
SKEW: 15° RT.
FLOWS RIGHT
INLET: 504.70'
OUTLET: 489.41'

STA. 409+13.23
S.E. +4.50%

RT. EOP

STA. 412+77.66
S.E. +4.50%

STA. 413+57.66
S.E. +2.00%

STA. 413+87.66
S.E. +2.00%

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SUPERELEVATION DIAGRAM

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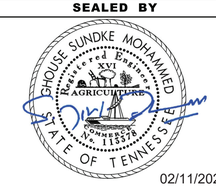

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP
PROFILE
EB OFF RAMP
STA. 409+00.00 TO STA. 421+00.00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	17
PIH	2025	39I040-S3-006	17
PS&E	2026	39I040-S3-006	17

DRAINAGE DATA FOR PIPE (1)
STATION: 988+00.51 RT.
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 15.42 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 30" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS:

DRAINAGE DATA FOR PIPE (2)
STATION: 993+35.50 RT.
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 3.88 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 24" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS:

DRAINAGE DATA FOR PIPE (3)
STATION: 997+67.18 RT.
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 3.31 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 18" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS:

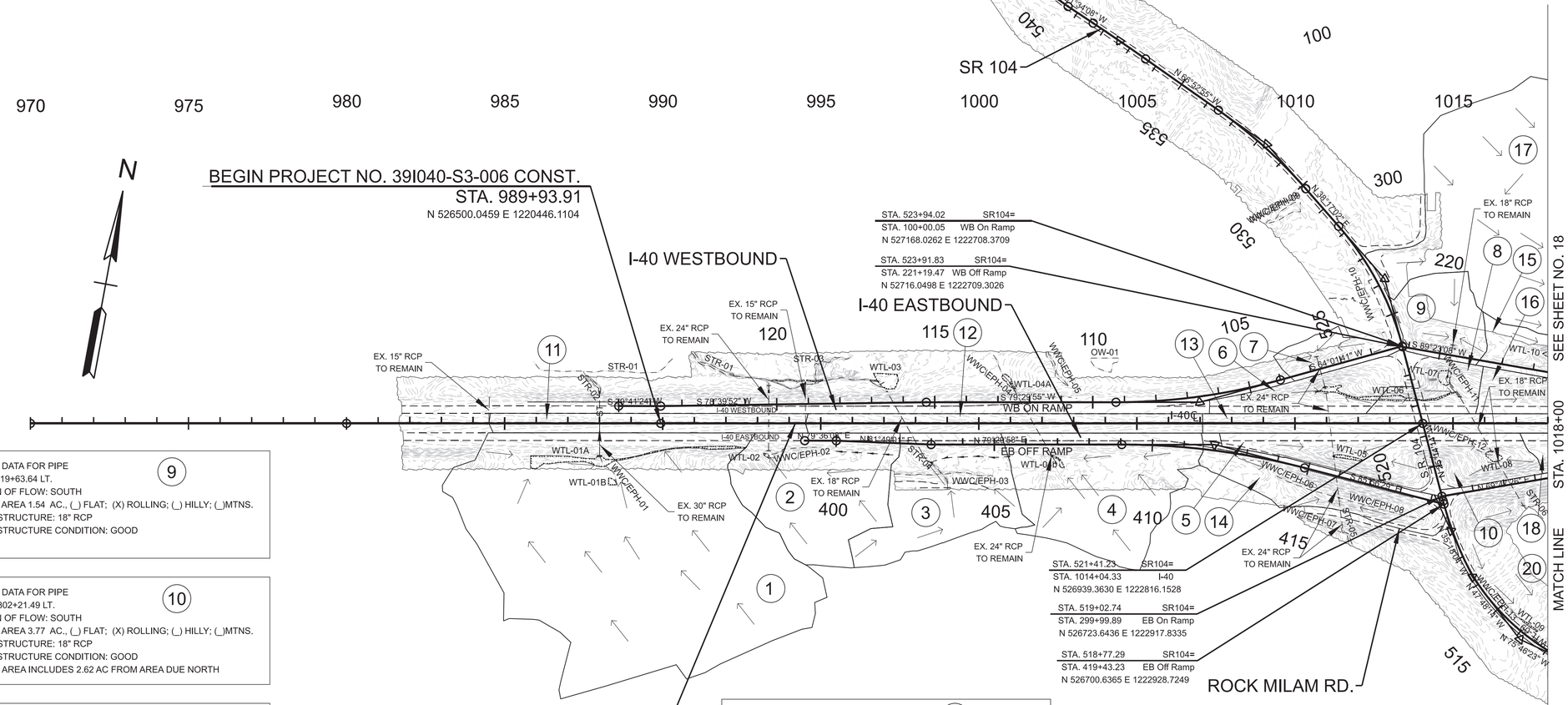
DRAINAGE DATA FOR PIPE (4)
STATION: 1001+72.73 RT.
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 4.38 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 24" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS:

DRAINAGE DATA FOR PIPE (5)
STATION: 415+91.08 LT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 4.04 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 24" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 2.29 AC FROM AREA DUE NORTH

DRAINAGE DATA FOR PIPE (6)
STATION: 1011+10.09 LT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 2.29 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 24" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 0.79 AC FROM AREA DUE NORTH

DRAINAGE DATA FOR PIPE (7)
STATION: 102+70.61 RT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 0.79 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 24" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS:

DRAINAGE DATA FOR PIPE (8)
STATION: 1015+70.56 RT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 2.62 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 18" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 1.54 AC FROM AREA DUE NORTH



DRAINAGE DATA FOR PIPE (9)
STATION: 219+63.64 LT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 1.54 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 18" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS:

DRAINAGE DATA FOR PIPE (10)
STATION: 302+21.49 LT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 3.77 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 18" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 2.62 AC FROM AREA DUE NORTH

DRAINAGE DATA FOR PIPE (11)
STATION: 984+50.31 LT.
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 1.42 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 15" CMP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: MEDIAN DRAINAGE

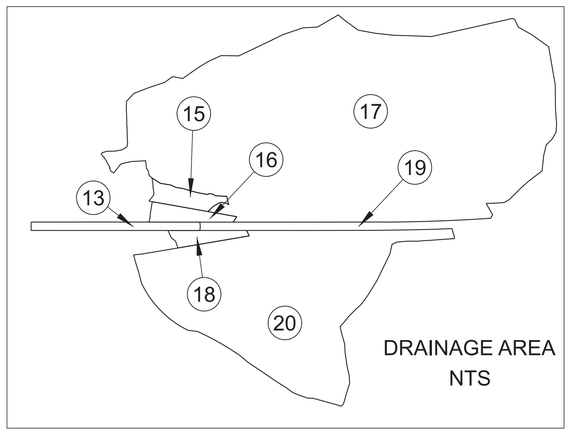
DRAINAGE DATA FOR PIPE (12)
STATION: 994+51.96 LT.
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 1.77 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 15" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: MEDIAN DRAINAGE

DRAINAGE DATA FOR PIPE (13)
STATION: 1019+48.85 RT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 4.65 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 18" RCP TO 42" CMP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 2.90 AC FROM AREA DUE NORTH

DRAINAGE DATA FOR PIPE (14)
STATION: 415+91.08 RT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 6.29 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 24" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 4.04 AC FROM AREA DUE NORTH

DRAINAGE TABLE

DRAINAGE BASIN #	AREA	Q50	Q100	C COEFFICIENT	TYPE OF TERRAIN	STATION	EXISTING STRUCTURE	SKEW	V50	V100
	AC	CFS	CFS					DEGREES	FT/SEC	
1	15.42	32	35	0.49	ROLLING	988+00.51	196' OF 30" RCP	90° LT	14.51	14.47
2	3.88	22	24	0.68	ROLLING	993+35.50	184' OF 24" RCP	90° LT	15.64	16.00
3	3.31	14	15	0.69	ROLLING	997+67.18	228' OF 18" RCP	60° LT	14.12	14.35
4	4.38	18	19	0.49	ROLLING	1001+72.73	237' OF 24" RCP	60° LT	11.20	11.35
5	4.04	23	25	0.68	ROLLING	415+91.08	129' OF 24" RCP	68° LT	14.73	15.04
6	2.29	13	13	0.65	ROLLING	1011+10.09	199' OF 24" RCP	83° LT	10.53	10.53
7	0.79	4	4	0.57	ROLLING	102+70.61	98' OF 24" RCP	90°	12.77	12.77
8	2.62	16	17	0.71	ROLLING	1015+70.56	199' OF 18" RCP	60° LT	12.57	12.70
9	1.54	9	10	0.71	ROLLING	219+63.64	98' OF 18" RCP	90°	15.11	15.55
10	3.77	22	24	0.70	ROLLING	302+21.49	162' OF 18" RCP	69° LT	14.82	14.78
11	1.42	4	5	0.55	ROLLING	984+50.31	82' OF 15" CMP	89° LT	3.54	4.54
12	1.77	5	6	0.55	ROLLING	994+51.96	100' OF 15" RCP	90°	10.90	11.06
13	4.65	16	17	0.61	ROLLING	1019+48.85	18" RCP BLIND JUNCTION TO 81' OF 42" CMP	90°	6.94	7.07
14	6.29	34	36	0.64	ROLLING	415+91.08	94' OF 24" RCP	69° LT	16.12	16.31



DRAINAGE AREA
NTS

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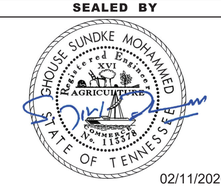

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 989+93.91 TO STA. 1018+00.00
SCALE: 1" = 200'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	18
PIH	2025	39I040-S3-006	18
PS&E	2026	39I040-S3-006	18

DRAINAGE DATA FOR PIPE (15)
STATION: 214+86.23 LT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 1.52 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 42" CMP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS:

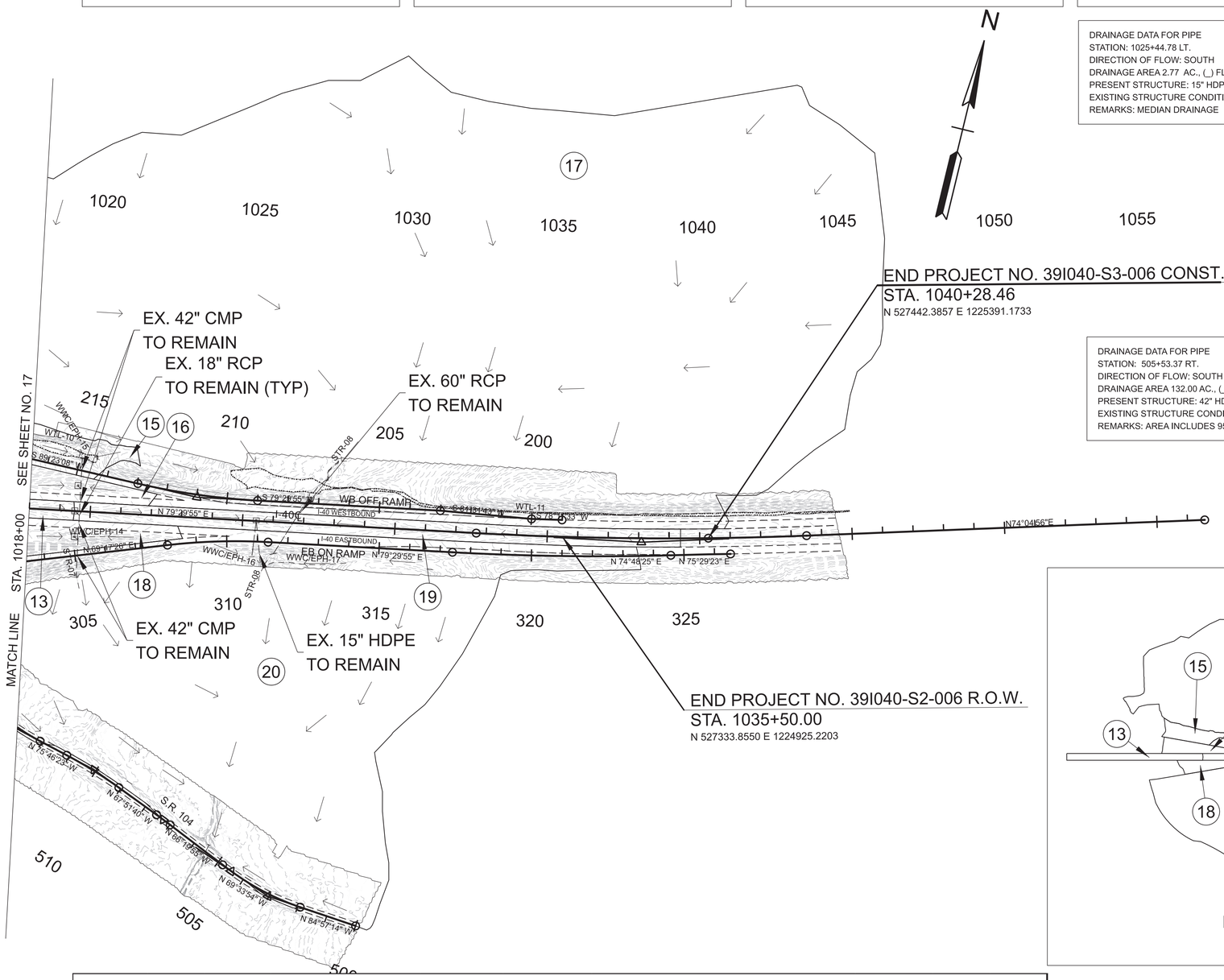
DRAINAGE DATA FOR PIPE (16)
STATION: 214+75.82 LT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 2.90 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 18" RCP TO 42" CMP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 1.52 AC FROM AREA DUE NORTH

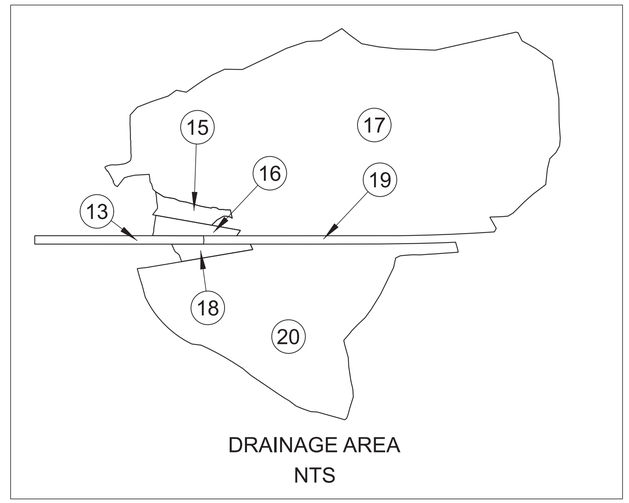
DRAINAGE DATA FOR PIPE (17)
STATION: 1026+65.00 LT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 86.78 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 60" RCP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS:

DRAINAGE DATA FOR PIPE (18)
STATION: 1019+52.13 RT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 5.75 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 18" RCP TO 42" CMP
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 4.65 AC FROM AREAS DUE NORTH

DRAINAGE DATA FOR PIPE (19)
STATION: 1025+44.78 LT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 2.77 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 15" HDPE
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: MEDIAN DRAINAGE

DRAINAGE DATA FOR PIPE (20)
STATION: 505+53.37 RT.
DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 132.00 AC., (_) FLAT; (X) ROLLING; (_) HILLY; (_)MTNS.
PRESENT STRUCTURE: 42" HDPE
EXISTING STRUCTURE CONDITION: GOOD
REMARKS: AREA INCLUDES 95.30 AC FROM AREAS DUE NORTH





DRAINAGE AREA
NTS

DRAINAGE TABLE

DRAINAGE BASIN #	AREA	Q50	Q100	C COEFFICIENT	TYPE OF TERRAIN	STATION	EXISTING STRUCTURE	SKEW	V50	V100
	AC	CFS	CFS					DEGREES	FT/SEC	
15	1.52	7	8	0.62	ROLLING	214+86.23	101' OF 42" CMP	80º LT	5.46	5.68
16	2.90	14	15	0.65	ROLLING	214+75.82	18" RCP BLIND JUNCTION TO 87' OF 42" CMP	80º LT	6.68	6.82
17	86.78	152	164	0.40	ROLLING	1026+65.00	219' OF 60" RCP	61º RT	15.16	15.44
18	5.75	20	22	0.64	ROLLING	1019+52.13	18" RCP BLIND JUNCTION TO 112' OF 42" CMP	89º LT	7.4	7.6
19	2.77	8	9	0.55	ROLLING	1025+44.78	140' OF 15" HDPE	81º LT	13.15	13.54
20	132.00	212	231	0.42	ROLLING	505+53.37	49' OF 42" HDPE	79º LT	14.45	14.47

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CHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
TENNESSEE
No. 115278
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 1018+00.00 TO STA. 1040+28.46
SCALE: 1" = 200'

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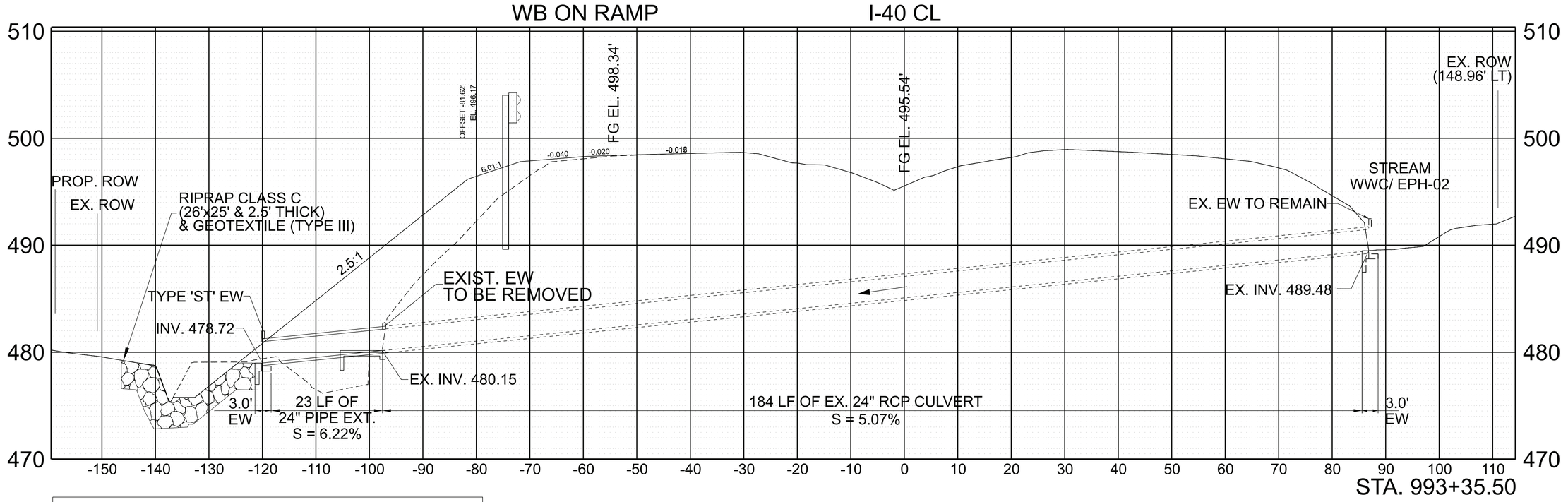
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	19
PIH	2025	39I040-S3-006	19
PS&E	2026	39I040-S3-006	19



STATION: 993+35.50 I-40 CL (120+25.33 WB ENT BL)	
STRUCTURE: 23' RCP LT EXT. OF 184 LF OF 24" RCP	
SKEW	90 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	3.88 AC
DESIGN DISCHARGE (Q50)	22 CFS
DESIGN DISCHARGE (Q100)	24 CFS
OVERTOPPING	496.92
ALLOWABLE HEADWATER	492.70
Q50 HEADWATER	492.70
Q100 HEADWATER	493.07
VELOCITY (V50)	15.64 FT/S
VELOCITY (V100)	16.00 FT/S
ENDWALLS REQUIRED:	TYPE 'ST' EW, LT
STD. DWG NOS.: D-PB-1; D-PB-4; D-PE-4	

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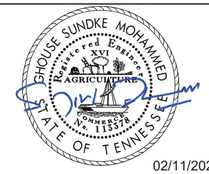

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
SECTION

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

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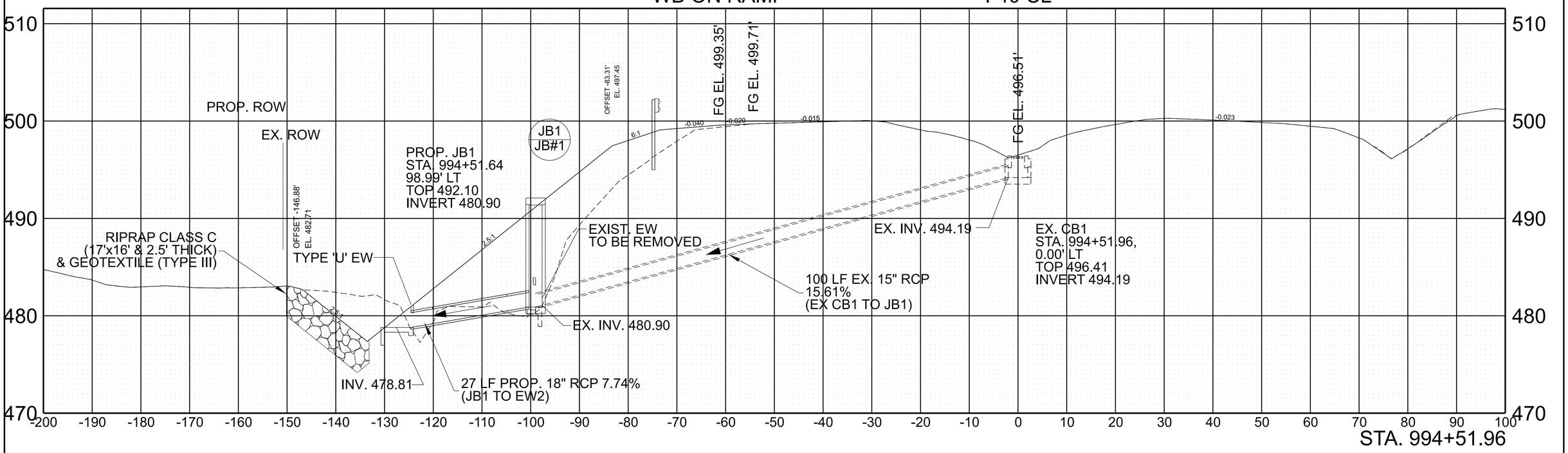
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	20
PIH	2025	39I040-S3-006	20
PS&E	2026	39I040-S3-006	20



STATION: 994+51.96 I-40 CL (119+09.28 WB ENT BL)	
STRUCTURE: 27' LT OF 18" RCP EXT. OF 100 LF OF 15" RCP	
SKEW	90 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	1.77 AC
DESIGN DISCHARGE (Q50)	5 CFS
DESIGN DISCHARGE (Q100)	6 CFS
VELOCITY (V50)	10.90 FT/S
VELOCITY (V100)	11.06 FT/S
ENDWALLS REQUIRED:	TYPE 'U' EW, LT
STD. DWG NOS.: D-PB-1; D-JBS-1, D-PE-18A, B; D-PE-99	

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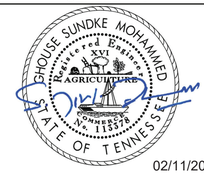

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MEDIAN STORM SECTION

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

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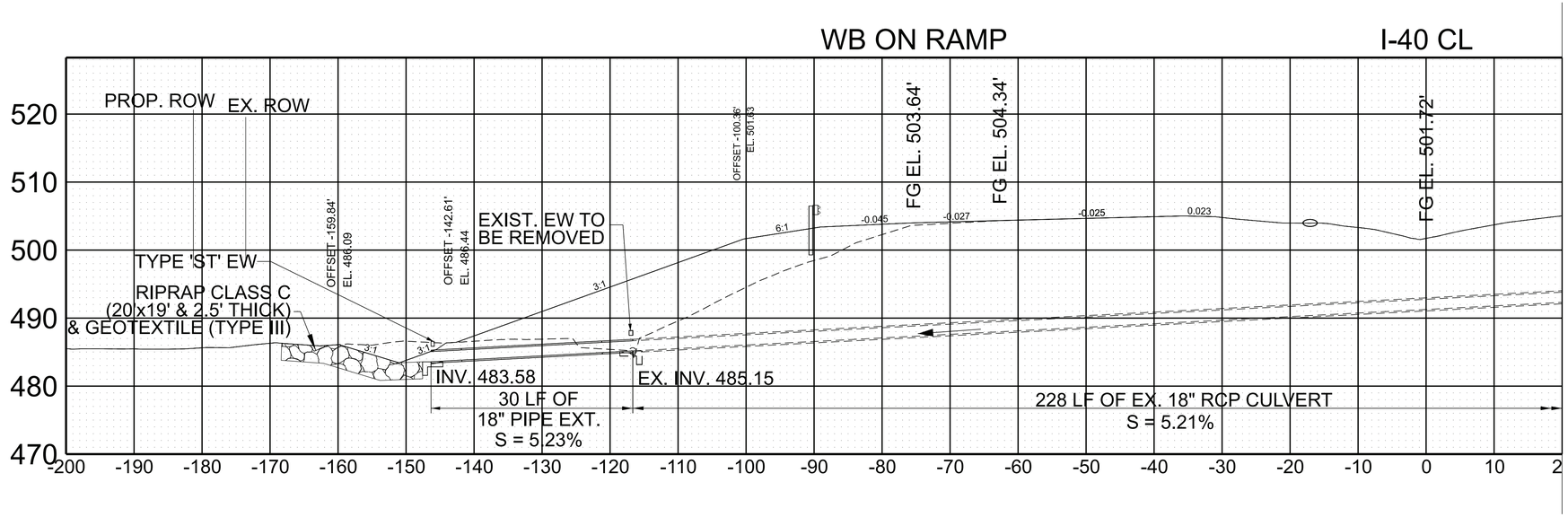
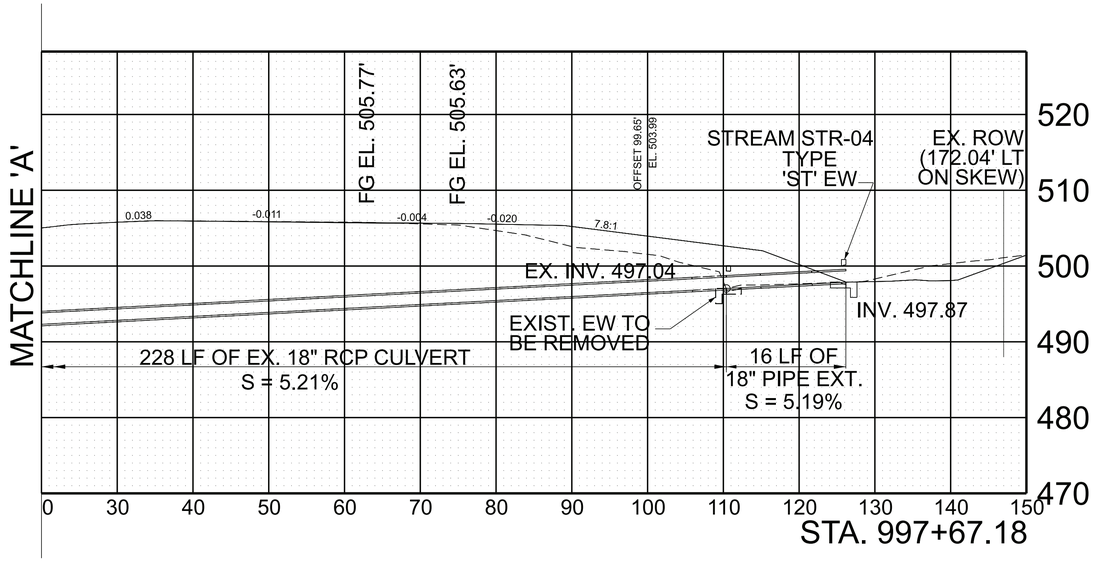
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	21
PIH	2025	39I040-S3-006	21
PS&E	2026	39I040-S3-006	21



STATION: 997+67.18 I-40 CL (116+31.20 WB ENT BL)
STRUCTURE: 30' RCP LT EXT & 16' RCP RT EXT OF 228 LF OF 18" RCP

SKEW	60 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	3.31 AC
DESIGN DISCHARGE (Q50)	14 CFS
DESIGN DISCHARGE (Q100)	15 CFS
OVERTOPPING	504.21
ALLOWABLE HEADWATER	502.14
Q50 HEADWATER	501.32
Q100 HEADWATER	501.69
VELOCITY (V50)	14.12 FT/S
VELOCITY (V100)	14.35 FT/S
ENDWALLS REQUIRED:	TYPE 'ST' EW, LT & RT
STD. DWG NOS.: D-PB-1; D-PB-4; D-PE-4	



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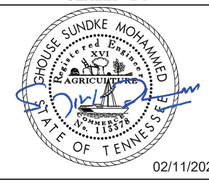

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
SECTION

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

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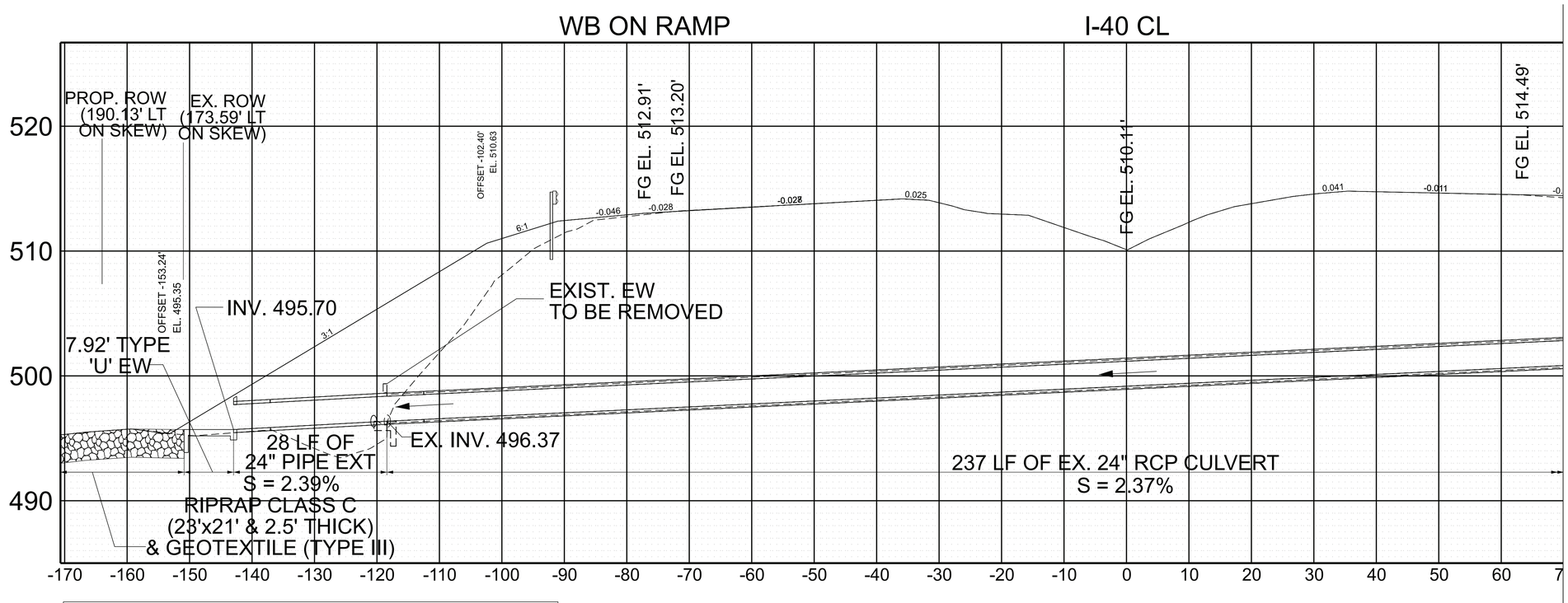
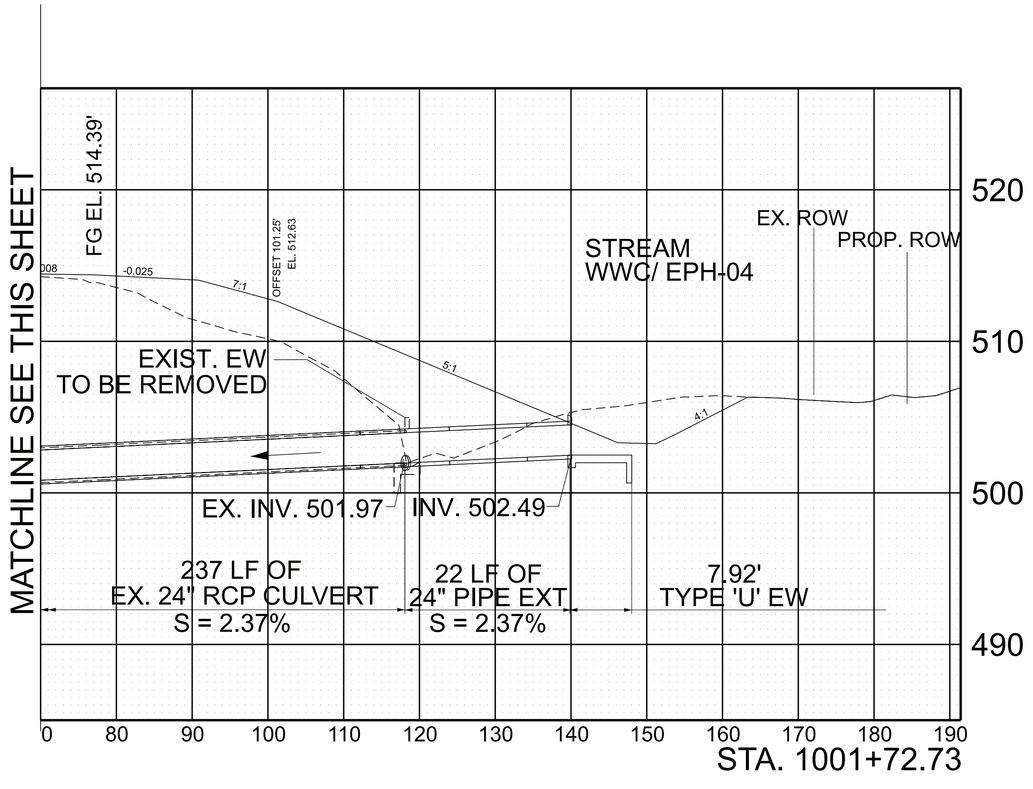
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	22
PIH	2025	39I040-S3-006	22
PS&E	2026	39I040-S3-006	22



STATION: 1001+72.73 I-40 CL (112+26.59 WB ENT BL)
STRUCTURE: 28' RCP LT EXT. & 22' RCP RT EXT. OF 237 LF OF 24" RCP

SKEW	60 DEG. LT
FLOW	SOUTH TO NORTH
DRAINAGE AREA	4.38 AC
DESIGN DISCHARGE (Q50)	18 CFS
DESIGN DISCHARGE (Q100)	19 CFS
OVERTOPPING	511.84
ALLOWABLE HEADWATER	504.21
Q50 HEADWATER	505.11
Q100 HEADWATER	505.26
VELOCITY (V50)	11.20 FT/S
VELOCITY (V100)	11.35 FT/S
ENDWALLS REQUIRED:	TYPE 'U' EW, LT & RT
STD. DWG NOS.: D-PB-1; D-PB-4; D-PE-24A, B; D-PE-99	



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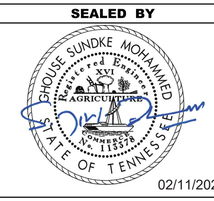

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

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

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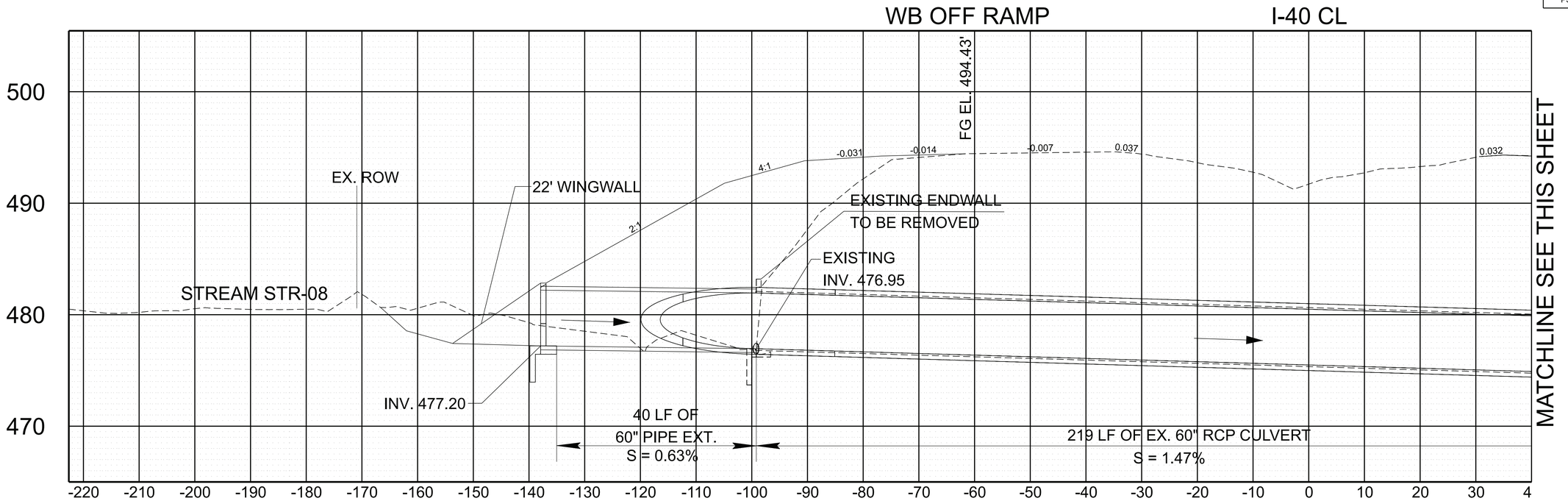
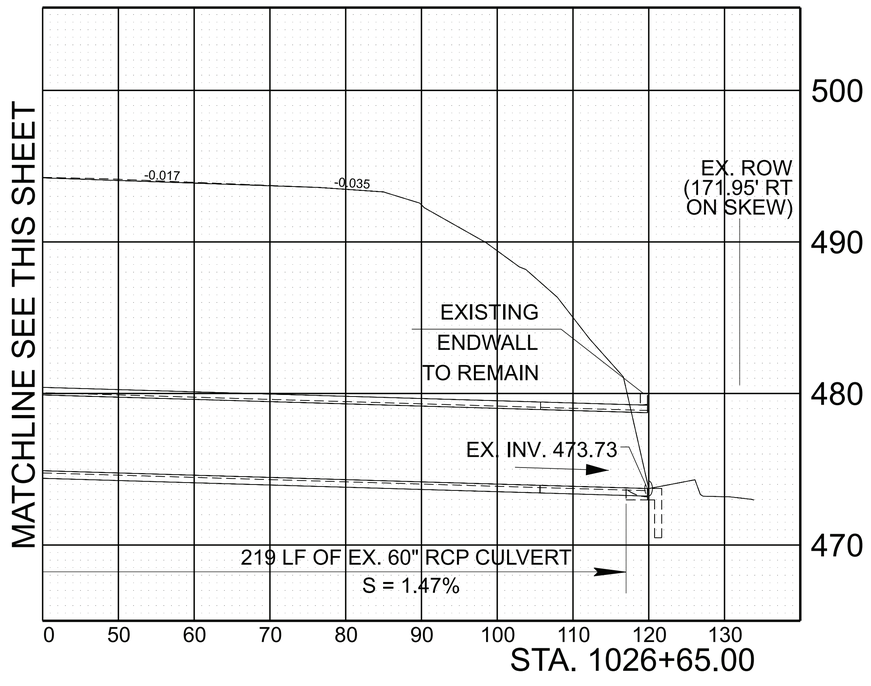
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	23
PIH	2025	39I040-S3-006	23
PS&E	2026	39I040-S3-006	23





STATION: 1026+65.00 I-40 CL (207+43.38 WB EXIT BL)	
STRUCTURE: 40' RCP LT EXT. OF 219 LF OF 60" RCP PIPE	
SKEW	61 DEG. RT
FLOW	NORTH TO SOUTH
DRAINAGE AREA	86.78 AC
DESIGN DISCHARGE (Q50)	152 CFS
DESIGN DISCHARGE (Q100)	164 CFS
OVERTOPPING	491.80
ALLOWABLE HEADWATER	482.68
Q50 HEADWATER	482.93
Q100 HEADWATER	483.31
VELOCITY (V50)	15.16 FT/S
VELOCITY (V100)	15.44 FT/S
ENDWALLS REQUIRED:	WINGWALL, LT
STD. DWG NOS.: D-PB-1; D-PB-4; DPEW-1; DPEW-2	

SEALED BY

CHOUSE, SUNDKE, MOHAMMED
Registered Engineer
STATE OF TENNESSEE
AGRICULTURE
No. 115378
02/11/2026

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.
FUNC.	2025	39I040-S3-006	24
PIH	2025	39I040-S3-006	24
PS&E	2026	39I040-S3-006	24

EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

INSPECTION, MAINTENANCE & REPAIR

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

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 REGULATION.

(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 PAIN CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAIN 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 MATERIALS.

(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.

STREAMS, WETLANDS & BUFFER ZONES

(54) ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G. PIER FOOTING, RIPRAP PLACEMENT, CULVERT/BRIDGE CONSTRUCTION, ETC...) SHALL BE SEPARATED FROM FLOWING WATER OR EXPECTED FLOW PATH AND PERFORMED DURING LOW FLOW CONDITIONS. ALL ITEMS USED WITHIN THE STREAM CHANNEL AREA FOR DIVERSION OF FLOW (OR EXPECTED FLOW), UNLESS SPECIFIED IN THE PLANS, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE COST OF OTHER ITEMS. THIS NOTE EXCLUDES ANY ITEMS SPECIFIED IN THE PLANS FOR THE TEMPORARY DIVERSION CHANNELS (EC-STR-31) AND TEMPORARY DIVERSION CULVERTS (EC-STR-32) FOR SINGLE BARREL CULVERT CONSTRUCTION.

(55) ANY WORK IN THE STREAM CHANNEL SHALL BE PERMITTED UNDER THE AQUATIC RESOURCE ALTERATION PERMIT (ARAP) PROGRAM ADMINISTERED BY THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) DIVISION OF WATER RESOURCES PRIOR TO COMMENCING EFFORTS.

(56) THE STREAM SHALL NOT BE UTILIZED FOR EQUIPMENT CROSSING UNLESS SPECIFICALLY PERMITTED UNDER THE ARAP PROGRAM ADMINISTERED BY TDEC.

TABULATED EPSC QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	STAGE I QUANTITY 39I040-S2-006	STAGE II QUANTITY	STAGE III QUANTITY	TOTAL QUANTITY
(2)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y	41.4	25.6	-	67
	209-05	SEDIMENT REMOVAL	C.Y	235.96	541.79	787.61	1565
	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F	2510.73	-	-	2511
	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F	4517.61	-	-	4518
	209-08.07	ROCK CHECK DAMS	EACH	8	33	-	41
	209-08.07	TRAPEZOIDAL ROCK CHECK DAMS	EACH	-	4	-	4
	209-08.08	ENHANCED ROCK CHECK DAMS	EACH	3	2	-	5
	209-09.01	SANDBAGS	EACH	-	6000	-	6000
	209-20.03	POLYETHYLENE SHEETING (6 MIL MINIMUM)	S.Y.	-	32	-	32
	209-40.34	CATCH BASIN PROTECTION (TYPE A)	EACH	4	-	-	4
(3)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	4.2	8.4	-	13
	621-03.05	36" TEMPORARY DRAINAGE PIPE	L.F.	-	140	-	140
	707-08.11	HIGH VISIBILITY CONSTRUCTION FENCE	L.F.	2960.56	-	-	2961
(4)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	200	-	-	200
(5)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	22.7	45.4	-	68
(6)	740-10.03	GEOTEXTILE (TYPE III) (EROSION CONTROL)	S.Y.	397	107.6		505
	740-11.02	TEMPORARY SEDIMENT TUBE, (12 INCH)	S.Y.	-	812	-	812
	801-01	PERMANENT SEEDING (WITH MULCH)	UNIT	-	-	301.97	302
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	-	440.69	-	441
	801-02	PERMANENT SEEDING (WITHOUT MULCH)	UNIT	-	-	138.72	139
	801-02.15	FERTILIZER	TON	-	4.41	4.41	9
	801-03	WATER (SEEDING & SODDING)	M.G.	-	44.07	44.07	88
	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	-	-	15412.51	15413

FOOTNOTES

(1) ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER. SEE SUBSECTION OF 29.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
(2) QUANTITIES FOR FOUR (4) TEMPORARY CONSTRUCTION EXITS, ONE (1) CULVERT PROTECTION (TYPE 1) AND TWO (2) CULVERT PROTECTION (TYPE 2).
(3) QUANTITIES FOR ONE (1) CULVERT PROTECTION (TYPE 1) AND TWO (2) CULVERT PROTECTION (TYPE 2).
(4) QUANTITIES FOR FOUR (4) TEMPORARY CONSTRUCTION EXITS.
(5) QUANTITIES FOR ONE (1) CULVERT PROTECTION (TYPE 1) AND TWO (2) CULVERT PROTECTION (TYPE 2).
(6) QUANTITIES FOR FOUR (4) TEMPORARY CONSTRUCTION EXITS, ONE (1) CULVERT PROTECTION (TYPE 1) AND TWO (2) CULVERT PROTECTION (TYPE 2).

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
✱ SF ✱ SF ✱ SF	SILT FENCE	EC-STR-3B
✱ SFB ✱ SFB ✱	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	CULVERT PROTECTION (TYPE 2)	EC-STR-11A
A	CATCH BASIN PROTECTION (TYPE A)	EC-STR-19
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
✱ HVF ✱ HVF ✱	HIGH VISIBILITY FENCE	S-F-1
	SUSPENDED PIPE DIVERSION	EC-STR-33 EC-STR-33A
	EROSION CONTROL BLANKET	EC-STR-34
	SEED & STRAW	-
✱✱ TUBE ✱✱ TUBE	12-INCH SEDIMENT TUBE	EC-STR-37

SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
No. 115278
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 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) LEGEND & TABULATION

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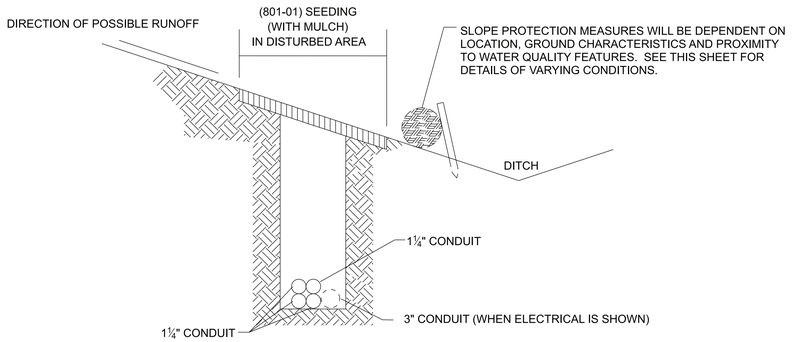
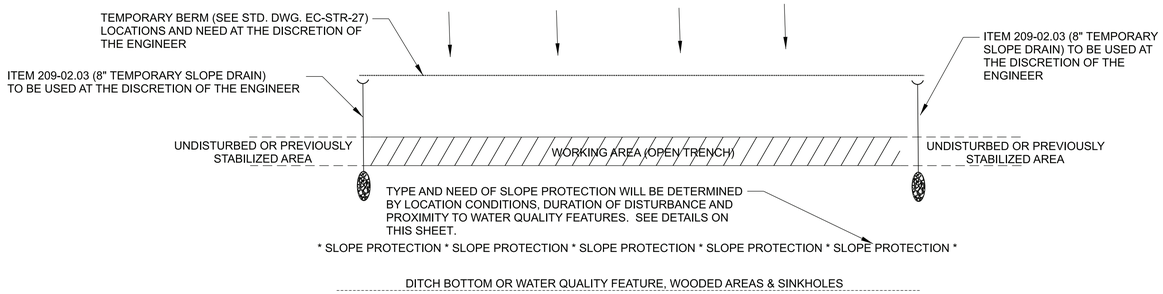
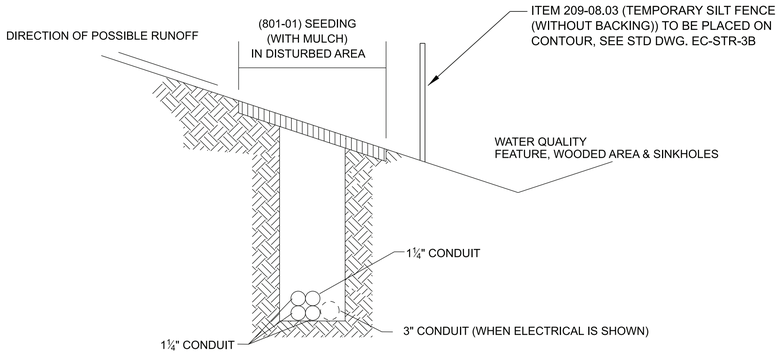
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	39I040-S3-006	24A



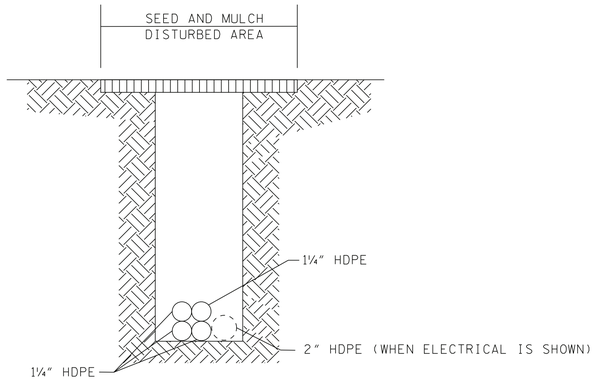
EROSION PREVENTION AND SEDIMENT CONTROL MEASURES
EARTH TRENCHING OF COMMUNICATION AND POWER CONDUITS
N.T.S.



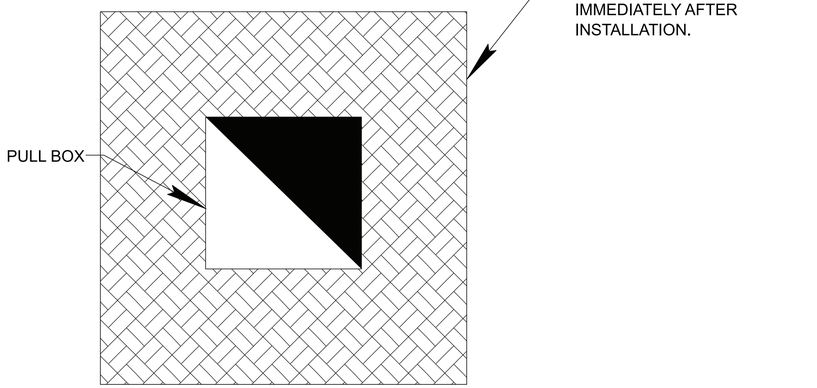
EROSION PREVENTION AND SEDIMENT CONTROL MEASURES
EARTH TRENCHING OF COMMUNICATION AND POWER CONDUITS
PLAN VIEW FOR DIVERSIONARY MEASURES



EROSION PREVENTION AND SEDIMENT CONTROL MEASURES
EARTH TRENCHING OF COMMUNICATION AND POWER CONDUITS
ADJACENT TO WATER QUALITY FEATURES, WOODED AREAS & SINKHOLES
N.T.S.



EROSION CONTROL FOR
TYPICAL TRENCH CONFIGURATION
FOR COMMUNICATION AND POWER
CONDUITS IN EARTH
N.T.S.

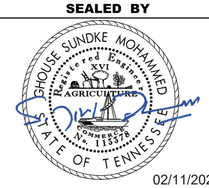


EROSION CONTROL
AT PULL BOX
(TYPICAL)
UPON COMPLETION OF SITE WORK ALL AREAS SHALL BE SODDED

NOTES:

1. EROSION CONTROL DEVICES SHALL BE IN PLACE BEFORE AREA IS DISTURBED AND SHALL REMAIN IN PLACE UNTIL LOCATION IS PERMANENTLY STABILIZED.
2. THESE TYPICAL DETAILS WILL BE USED AT THE DISCRETION OF THE ENGINEER BASED ON THE LOCATION AND DURATION OF THE DISTURBED AREAS. IF THE TRENCH IS IN A LOCATION WHERE RUNOFF IS NOT AN ISSUE, THE LOCATION MAY NOT REQUIRE THE USE OF THESE TEMPORARY EROSION CONTROL MEASURES, BUT WILL STILL REQUIRE (803-01) SODDING (NEW SOD) FOR PERMANENT STABILIZATION.
3. EXCAVATED MATERIAL THAT IS NOT REQUIRED FOR BACKFILL SHALL BE REMOVED IMMEDIATELY AFTER EXCAVATION.
4. ALL OPEN TRENCHES SHALL BE BACKFILLED IMMEDIATELY AFTER CONDUIT INSTALLATION AND STABILIZED WITH (803-01) SODDING (NEW SOD) OVER THE ENTIRETY OF THE DISTURBED AREA.
5. IF CONDUIT IS PLOWED, THE NEED FOR (803-01) SODDING (NEW SOD), OR OTHER PERMANENT STABILIZATION MEASURES, WILL BE DETERMINED BY THE ENGINEER BASED ON THE AREA DISTURBED.
6. NO MORE THAN ONE (1) ACRE MAY BE DISTURBED PER SITE AND NO MORE THAN THREE (3) SITES MAY BE DISTURBED AT ONE TIME. A SITE IS CONSIDERED DISTURBED UNTIL SUCH TIME AS BACKFILLING AND STABILIZATION HAS BEEN INSTALLED.

SEALED BY



02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) LEGEND & TABULATION

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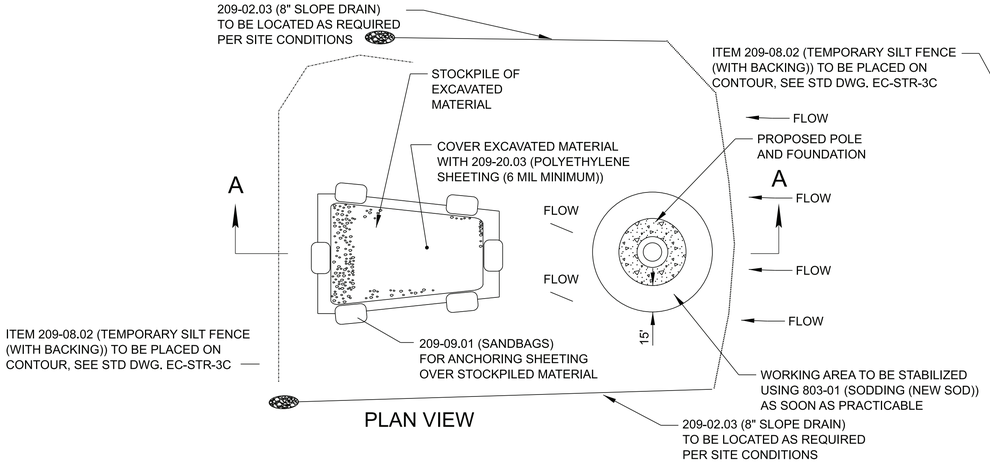
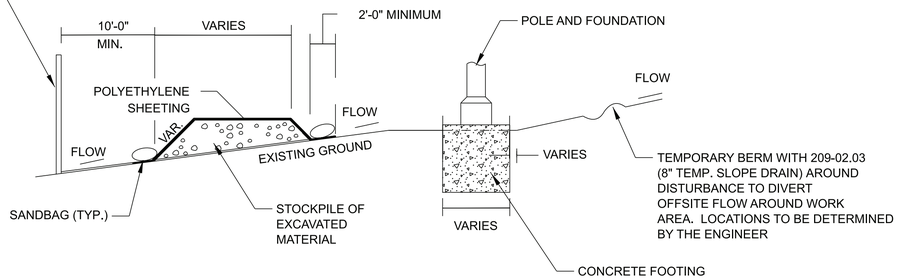
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	39I040-S3-006	24B



PLAN VIEW



SECTION A-A

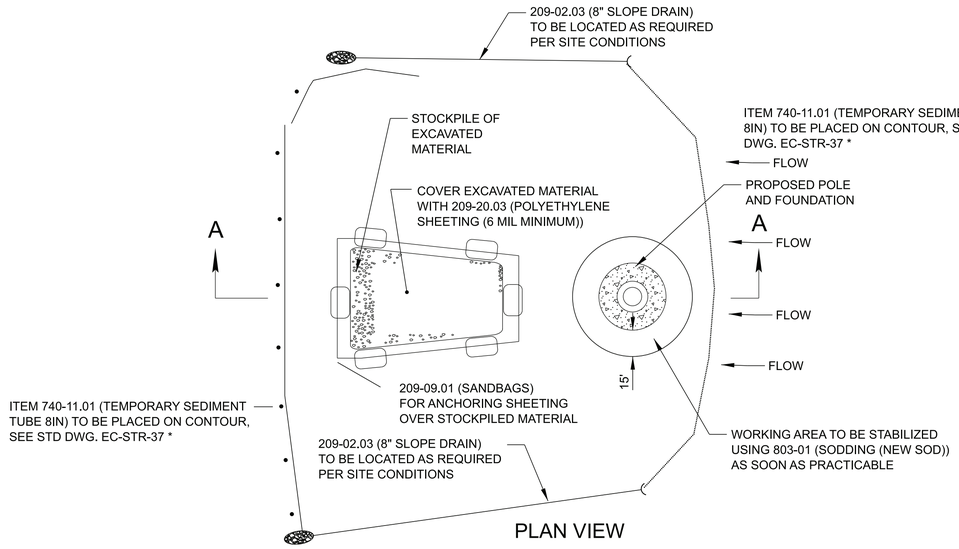
APPROXIMATE QUANTITIES (PER EACH CCTV POLE)			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	LINEAR FEET	20
209-09.01	SANDBAGS	BAG	6
209-20.03	POLYETHYLENE SHEETING (6 MIL MINIMUM)	SQUARE FEET	225

APPROXIMATE QUANTITIES (PER EACH DMS SIGN FOUNDATION)			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	LINEAR FEET	45
209-09.01	SANDBAGS	BAG	6
209-20.03	POLYETHYLENE SHEETING (6 MIL MINIMUM)	SQUARE FEET	800

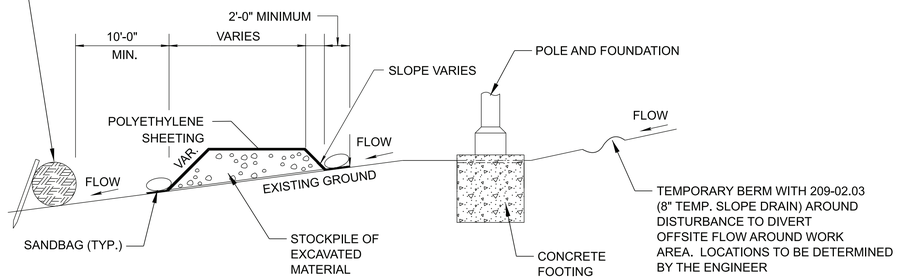
EROSION PREVENTION AND SEDIMENT CONTROL MEASURES
EXCAVATION OF FOUNDATIONS AND STOCKPILE OF EXCAVATED MATERIALS
ADJACENT TO WATER QUALITY FEATURES

NOTES:

1. EROSION CONTROL DEVICES SHALL BE PLACED BEFORE AREA IS DISTURBED, STOCKPILE SHALL BE PROTECTED AS SOON AS PRACTICABLE. ALL DEVICES SHALL REMAIN IN PLACE UNTIL LOCATION IS PERMANENTLY STABILIZED.
2. THESE TYPICAL DETAILS WILL BE USED AT THE DISCRETION OF THE ENGINEER BASED ON THE LOCATION AND DURATION OF THE DISTURBED AREAS. IF THE FOUNDATION IS IN A LOCATION WHERE RUNOFF IS NOT AN ISSUE, THE LOCATION MAY NOT REQUIRE THE USE OF THESE TEMPORARY EROSION CONTROL MEASURES, BUT WILL STILL REQUIRE (803-01) SODDING (NEW SOD) FOR PERMANENT STABILIZATION.
3. EXCAVATED MATERIAL THAT IS NOT REQUIRED FOR BACKFILL SHALL BE REMOVED IMMEDIATELY AFTER EXCAVATION.
4. ALL OPEN EXCAVATION SITES TO BE BACKFILLED IMMEDIATELY AFTER FOUNDATION IS COMPLETED IN PLACE AND STABILIZED WITH (803-01) SODDING (NEW SOD) OVER THE ENTIRETY OF THE DISTURBED AREA.



PLAN VIEW



SECTION A-A

APPROXIMATE QUANTITIES (PER EACH CCTV OR VIDEO DETECTION POLE)			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
209-09.01	SANDBAGS	BAG	6
209-20.03	POLYETHYLENE SHEETING (6 MIL MINIMUM)	S.F.	225
*740-11.01	SEDIMENT TUBE (8 INCH)	L.F.	30

APPROXIMATE QUANTITIES (PER EACH DMS SIGN OR OVERHEAD SIGN FOUNDATION)			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
209-09.01	SANDBAGS	BAG	6
209-20.03	POLYETHYLENE SHEETING (6 MIL MINIMUM)	S.F.	800
*740-11.01	SEDIMENT TUBE (8 INCH)	L.F.	30

*FILTER SOCK (8 INCH) (209-03.20) MAY BE USED AS AN ALTERNATE AT THE DISCRETION OF THE ENGINEER. SEE STD. DWG. EC-STR-8 FOR FURTHER DETAILS.

EROSION PREVENTION AND SEDIMENT CONTROL MEASURES
EXCAVATION OF FOUNDATIONS AND STOCKPILE OF EXCAVATED MATERIALS

SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED PROFESSIONAL
XVI
AGRICULTURE
TENNESSEE
No. 115278
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) LEGEND & TABULATION

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N

985

990

995

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-3)
	AREA OF PERMANENT IMPACT = 0.0560 AC.
	VOLUME OF PERMANENT IMPACT = 90.37 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
1	1.41	0.150
2	1.62	0.150
3	0.98	0.076

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	25
PIH	2025	39I040-S3-006	25
PS&E	2026	39I040-S3-006	25

CONTRACTOR TO REFER TO STREAM PERMIT DOCUMENTS FOR STREAM RELOCATION AND CONSTRUCTION SEQUENCING

SILT FENCE W/WIRE BACKING TDOT STD. DWG. EC-STR-3C

LIMITS OF CLEARING (TYP.)

TEMPORARY CONSTRUCTION EXIT TDOT STD. DWG. EC-STR-25 (FINAL LOCATION TO BE DETERMINED AT TIME OF CONSTRUCTION)

TCE

OUT-1

OUT-2

OUT-3

I-40 WESTBOUND

I-40 EASTBOUND

EX. 24" RCP TO REMAIN

CATCH BASIN PROTECTION (TYPE A) TDOT STD. DWG. EC-STR-19

EX. 18" RCP TO REMAIN

HIGH VISIBILITY FENCE (TYP.) TDOT STD. DWG. S-F-1 FOR BUFFER ZONE PROTECTION

ENHANCED ROCK CHECK DAM TDOT STD. DWG. EC-STR-6A

STR-01

STR-03

WTL-01A

WTL-02

WTL-03

WWC/EPH-01

WWC/EPH-03

INV - 483.00

INV - 489.48

30" RCP

196.47' OF

125

120

400

SEE SHEET NO. 25A

STA. 998+00

MATCH LINE

BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 989+93.91
N 526500.0459 E 1220446.1104

SEALED BY

SCHOUSE SUNDKE MOHAMMED
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AGRICULTURE
CONNESTEE
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02/11/2026

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EXISTING CONTOURS

LIMITS OF DISTURBANCE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 984+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

STAGE I
CLEARING & GRUBBING

2/9/2026 3:09:02 PM
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N

WETLAND IMPACTS

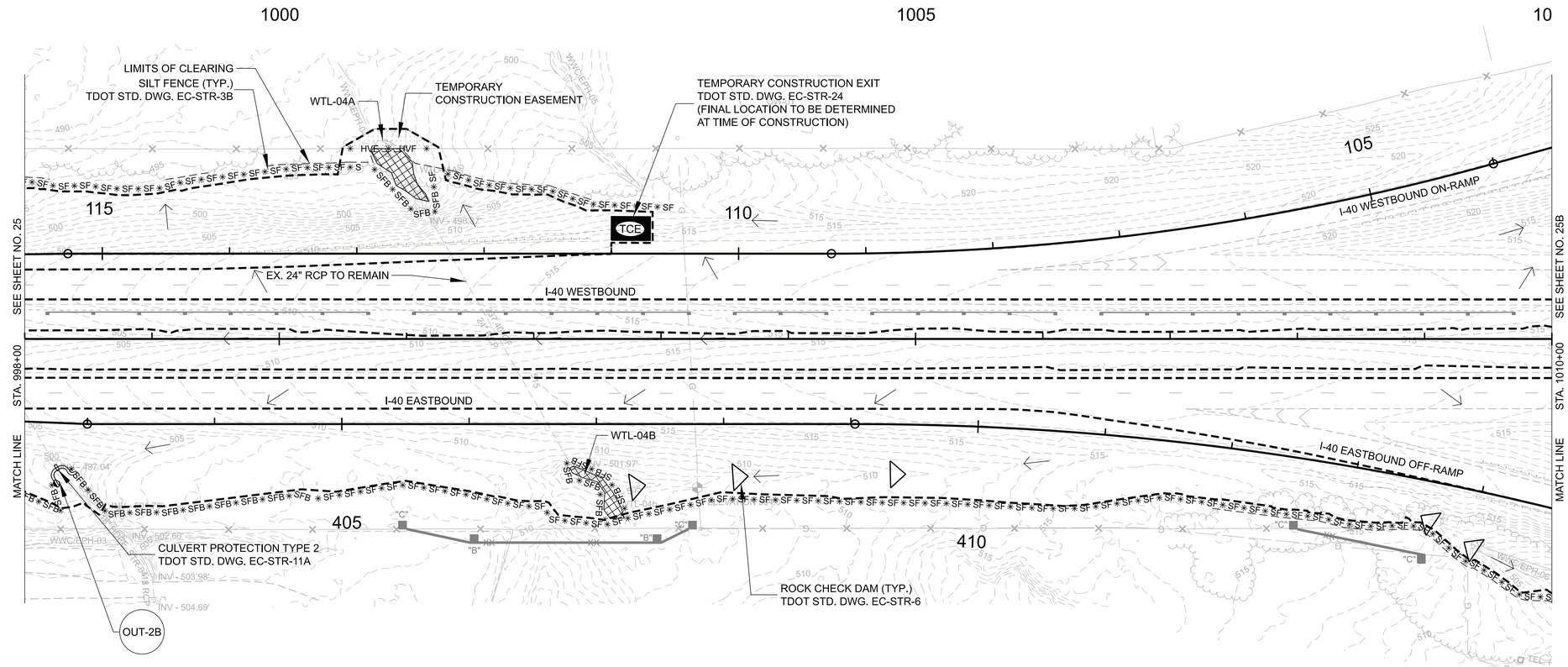
LEGEND	WETLAND IMPACTS (WTL-4a)
	AREA OF PERMANENT IMPACT = 0.0185 AC.
	VOLUME OF PERMANENT IMPACT = 29.88 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4b)
	AREA OF PERMANENT IMPACT = 0.0095 AC.
	VOLUME OF PERMANENT IMPACT = 15.40 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
2B	1.66	0.095

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	25A
PIH	2025	39I040-S3-006	25A
PS&E	2026	39I040-S3-006	25A



EXISTING CONTOURS

LIMITS OF DISTURBANCE

SEALED BY

CHOUSE SUNDKE MOHAMMED
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AGRICULTURE
No. 115278
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

STAGE I
CLEARING & GRUBBING

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OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
4	0.76	0.158
5	1.87	0.150

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	25B
PIH	2025	39I040-S3-006	25B
PS&E	2026	39I040-S3-006	25B

N

I-40 WESTBOUND ON-RAMP

I-40 WESTBOUND OFF-RAMP

I-40 WESTBOUND

I-40 EASTBOUND

I-40 EASTBOUND OFF-RAMP

I-40 EASTBOUND ON-RAMP

SEE SHEET NO. 25A

SEE SHEET NO. 25C

STA. 1010+00

STA. 1022+00

MATCH LINE

MATCH LINE

HIGH VISIBILITY FENCE (TYP.)
TDOT STD. DWG. S-F-1
FOR BUFFER ZONE PROTECTION

SILT FENCE W/WIRE BACKING
TDOT STD. DWG. EC-STR-3C

EX. 42" CMP TO REMAIN

CATCH BASIN PROTECTION (TYPE A)
TDOT STD. DWG. EC-STR-19

EX. STORM LINE TO REMAIN

EX. STORM LINE TO REMAIN

TEMPORARY CONSTRUCTION EXIT
TDOT STD. DWG. EC-STR-25
(FINAL LOCATION TO BE DETERMINED
AT TIME OF CONSTRUCTION)

ENHANCED ROCK CHECK DAM
TDOT STD. DWG. EC-STR-6A

WTL-05

WTL-06

WTL-07

WTL-08

WTL-10

OUT-4

OUT-5

TCE

EXISTING CONTOURS

LIMITS OF DISTURBANCE

STAGE I
CLEARING & GRUBBING

SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
No. 115377
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

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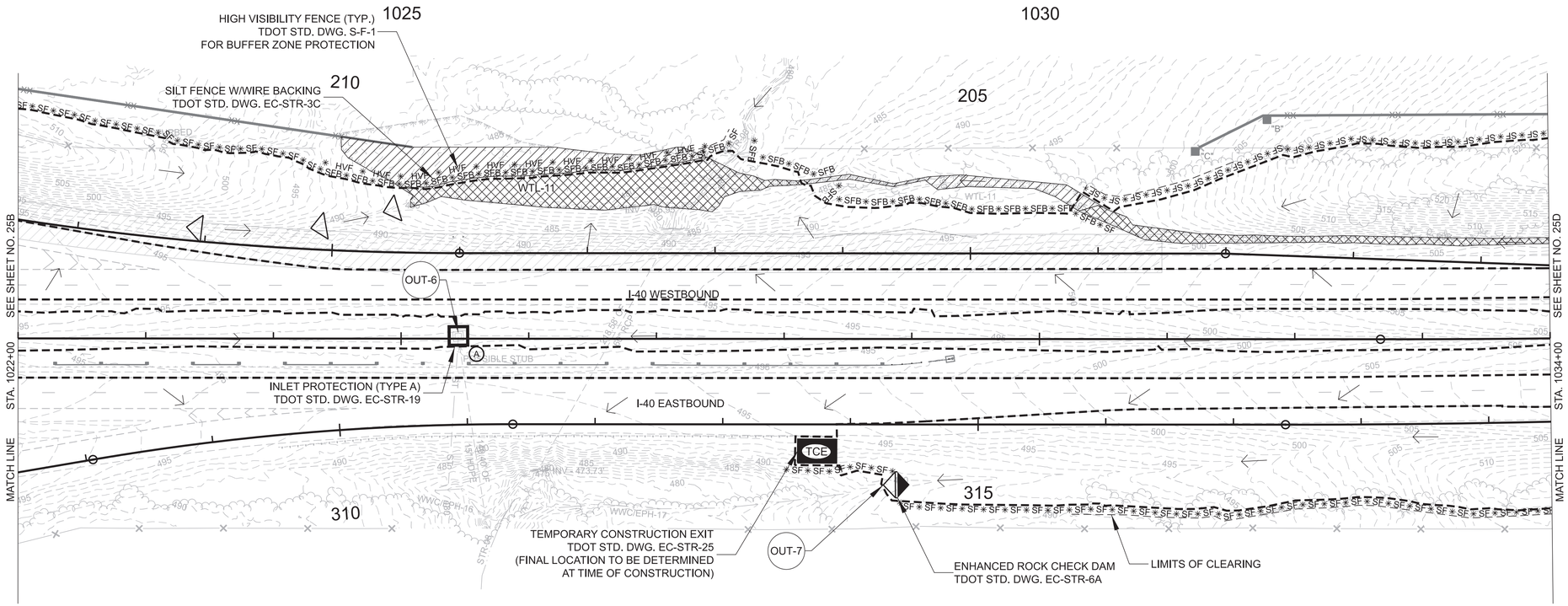
WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.2159 AC.
	VOLUME OF PERMANENT IMPACT = 348.32 C.Y.
	AREA OF TEMPORARY IMPACT = 0.1625 AC.
	VOLUME OF TEMPORARY IMPACT = 262.12 C.Y.

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
6	2.51	0.150
7	1.49	0.151

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	25C
PIH	2025	39I040-S3-006	25C
PS&E	2026	39I040-S3-006	25C



EXISTING CONTOURS

LIMITS OF DISTURBANCE

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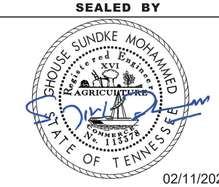

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

STAGE I
CLEARING & GRUBBING

2/9/2026 3:10:15 PM
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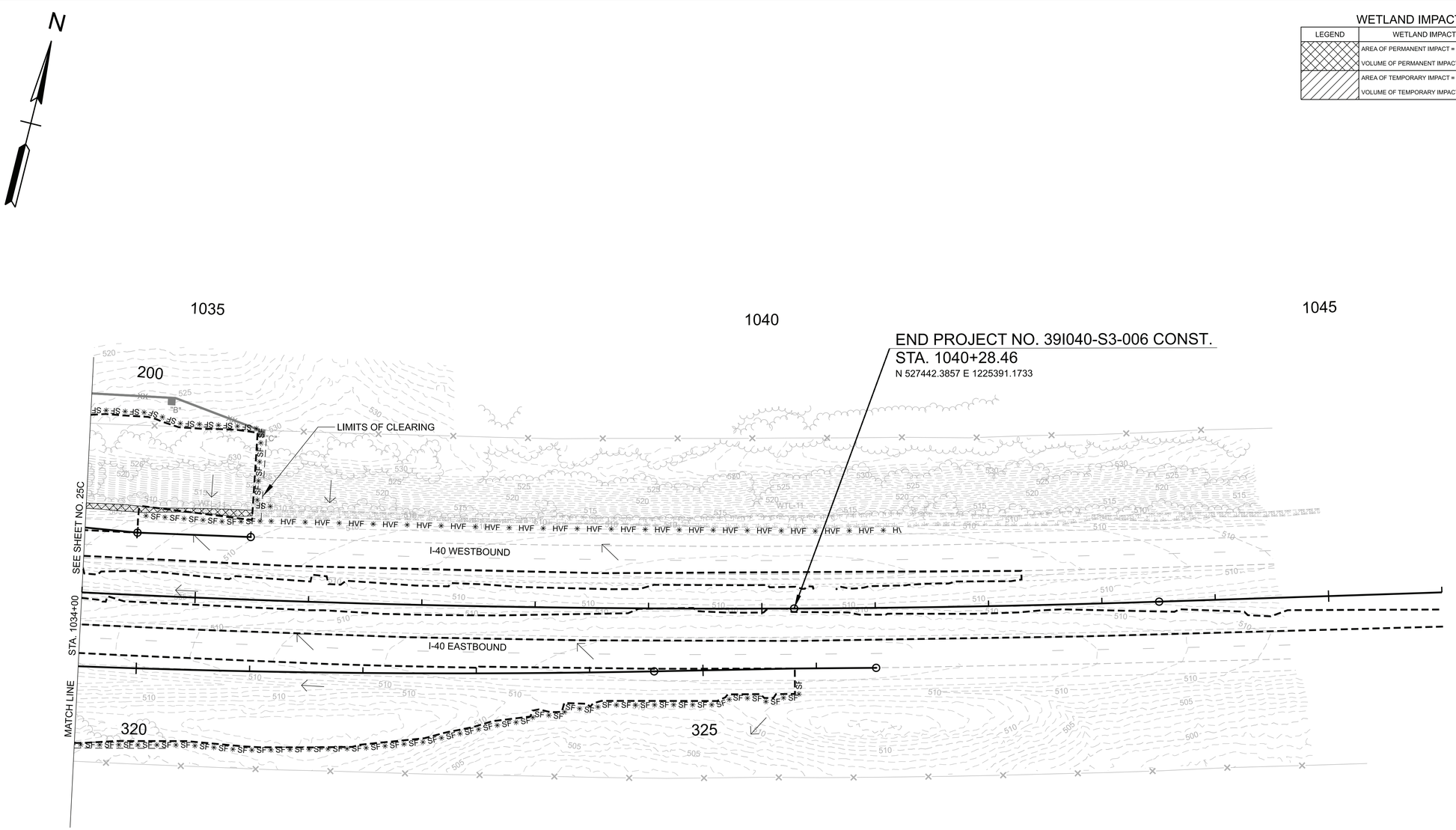
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	25D
PIH	2025	39I040-S3-006	25D
PS&E	2026	39I040-S3-006	25D

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.0162 AC.
	VOLUME OF PERMANENT IMPACT = 26.20 C.Y.
	AREA OF TEMPORARY IMPACT = 0.00 AC.
	VOLUME OF TEMPORARY IMPACT = 0.00 C.Y.



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EXISTING CONTOURS

LIMITS OF DISTURBANCE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1034+00.00 TO STA. 1040+28.46
SCALE: 1" = 50'

STAGE I
CLEARING & GRUBBING

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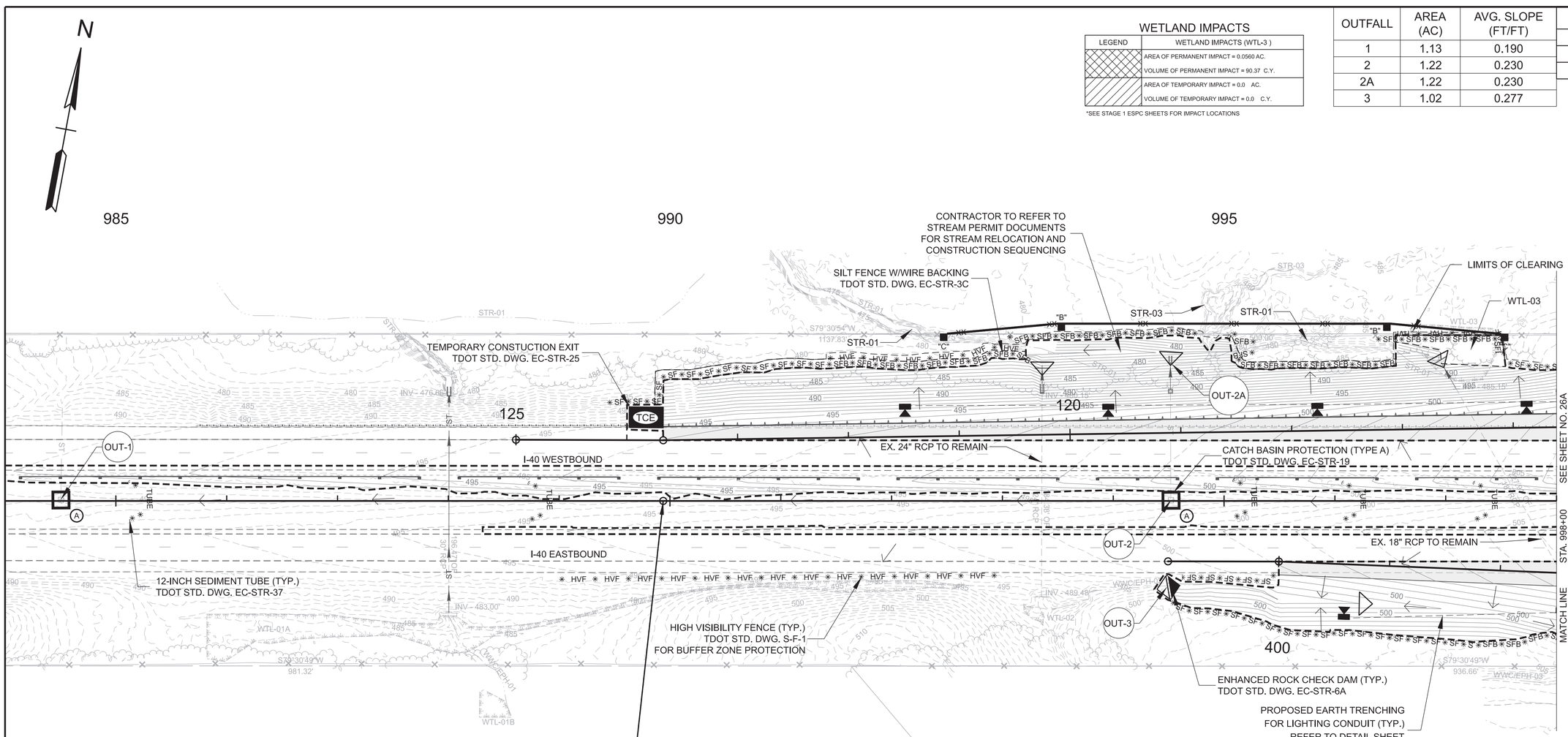
WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-3)
	AREA OF PERMANENT IMPACT = 0.0560 AC.
	VOLUME OF PERMANENT IMPACT = 90.37 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

*SEE STAGE 1 ESPC SHEETS FOR IMPACT LOCATIONS

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
1	1.13	0.190
2	1.22	0.230
2A	1.22	0.230
3	1.02	0.277

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	26
PIH	2025	39I040-S3-006	26
PS&E	2026	39I040-S3-006	26



BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 989+93.91
N 526500.0459 E 1220446.1104

NOTES:
1. THE DISTURBED AREA WITHIN THE ROW IS LIMITED TO 15 FEET BEYOND THE SLOPE LIMITS

2. SILT FENCE AND SILT FENCE WITH BACKING TO BE PLACED MINIMUM 5' FROM THE TOE OF SLOPE; ON CONTOUR, UTILIZING J-HOOK, IF NECESSARY.

3. FOR DRAINAGE INFORMATION OF THE EXISTING PIPE CULVERTS SEE DRAINAGE MAP, SHEETS 17 AND 18.

PROPOSED CONTOURS
EXISTING CONTOURS
LIMITS OF DISTURBANCE

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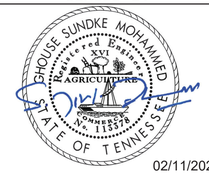

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 984+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

STAGE II
INTERMEDIATE GRADING

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N

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4a)
	AREA OF PERMANENT IMPACT = 0.0185 AC.
	VOLUME OF PERMANENT IMPACT = 29.88 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

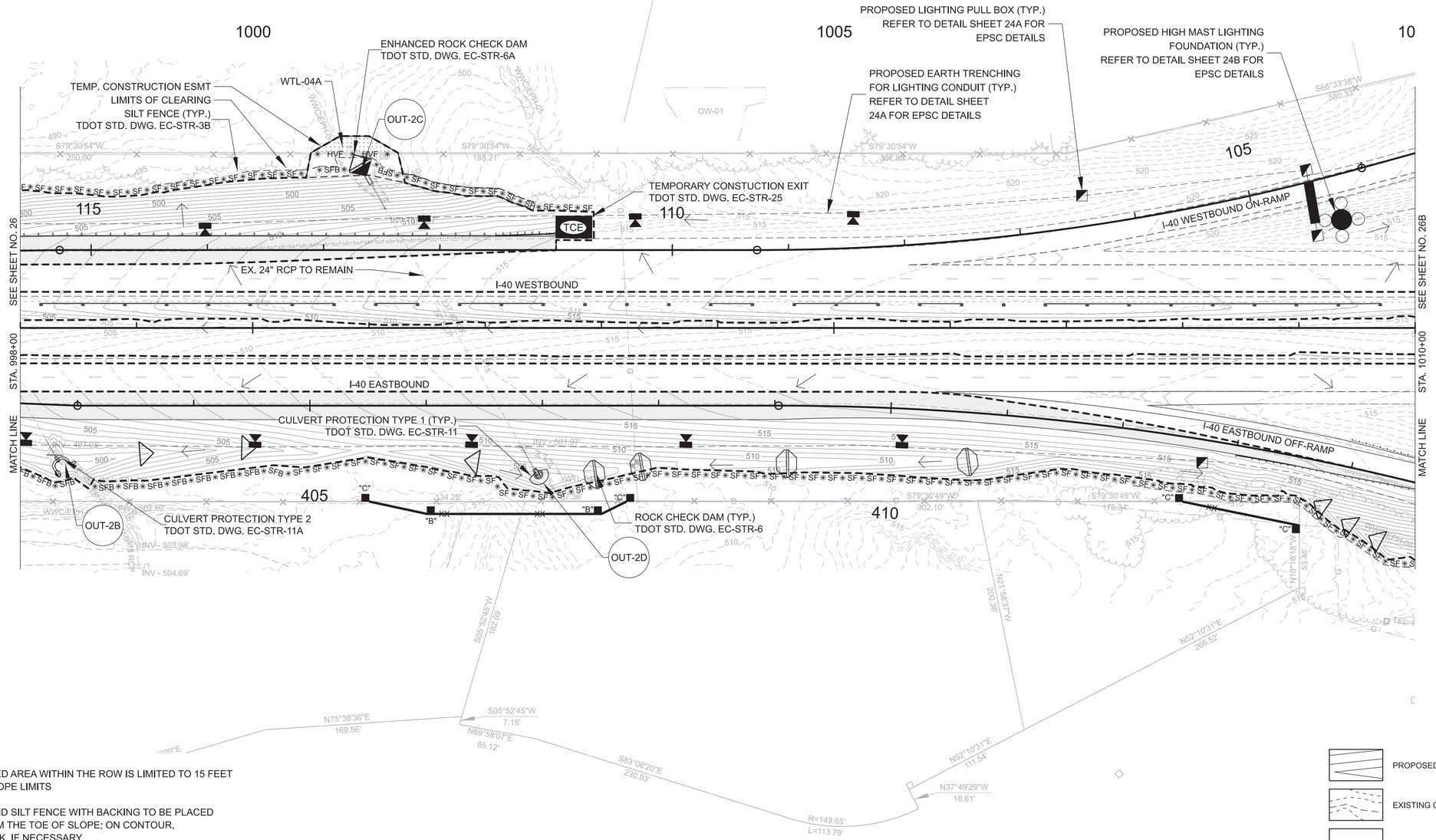
*SEE STAGE 1 ESPC SHEETS FOR IMPACT LOCATIONS

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4b)
	AREA OF PERMANENT IMPACT = 0.0095 AC.
	VOLUME OF PERMANENT IMPACT = 15.40 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
2B	0.92	0.118
2C	2.90	0.118
2D	2.45	0.113

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	26A
PIH	2025	39I040-S3-006	26A
PS&E	2026	39I040-S3-006	26A



NOTES:
1. THE DISTURBED AREA WITHIN THE ROW IS LIMITED TO 15 FEET BEYOND THE SLOPE LIMITS

2. SILT FENCE AND SILT FENCE WITH BACKING TO BE PLACED MINIMUM 5' FROM THE TOE OF SLOPE; ON CONTOUR, UTILIZING J-HOOK, IF NECESSARY.

3. FOR DRAINAGE INFORMATION OF THE EXISTING PIPE CULVERTS SEE DRAINAGE MAP, SHEETS 17 AND 18.

PROPOSED CONTOURS

EXISTING CONTOURS

LIMITS OF DISTURBANCE

STAGE II
INTERMEDIATE GRADING

SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
No. 115278
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

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OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
4	0.79	0.130
5	1.51	0.167

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	26B
PIH	2025	39I040-S3-006	26B
PS&E	2026	39I040-S3-006	26B

N

PROPOSED HIGH MAST LIGHTING FOUNDATION (TYP.)
REFER TO DETAIL SHEET 24B FOR EPSC DETAILS

PROPOSED LIGHTING PULL BOX (TYP.)
REFER TO DETAIL SHEET 24A FOR EPSC DETAILS

ROCK CHECK DAM (TYP.)
TDOT STD. DWG. EC-STR-6
SILT FENCE W/WIRE BACKING
TDOT STD. DWG. EC-STR-3C

HIGH VISIBILITY FENCE (TYP.)
TDOT STD. DWG. S-F-1
FOR BUFFER ZONE PROTECTION

EX. 42" CMP TO REMAIN

CATCH BASIN PROTECTION (TYPE A)
TDOT STD. DWG. EC-STR-19

12-INCH SEDIMENT TUBE (TYP.)
TDOT STD. DWG. EC-STR-37

EX. STORM LINE TO REMAIN

TEMPORARY CONSTRUCTION EXIT
TDOT STD. DWG. EC-STR-25

LIMITS OF CLEARING

PROPOSED EARTH TRENCHING FOR LIGHTING CONDUIT (TYP.)
REFER TO DETAIL SHEET 24A FOR ESPC DETAILS

I-40 WESTBOUND ON-RAMP
I-40 WESTBOUND OFF-RAMP
I-40 WESTBOUND
I-40 EASTBOUND
I-40 EASTBOUND OFF-RAMP

WTL-05
WTL-06
WTL-07
WTL-08
WTL-10

OUT-4
OUT-5

TCE

SEE SHEET NO. 26A
SEE SHEET NO. 26C
STA.1010+00
STA.1022+00
MATCH LINE

NOTES:
1. THE DISTURBED AREA WITHIN THE ROW IS LIMITED TO 15 FEET BEYOND THE SLOPE LIMITS

2. SILT FENCE AND SILT FENCE WITH BACKING TO BE PLACED MINIMUM 5' FROM THE TOE OF SLOPE; ON CONTOUR, UTILIZING J-HOOK, IF NECESSARY.

3. FOR DRAINAGE INFORMATION OF THE EXISTING PIPE CULVERTS SEE DRAINAGE MAP, SHEETS 17 AND 18.

PROPOSED CONTOURS
EXISTING CONTOURS
LIMITS OF DISTURBANCE

STAGE II
INTERMEDIATE GRADING

SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
TENNESSEE
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

2/9/2026 3:12:05 PM
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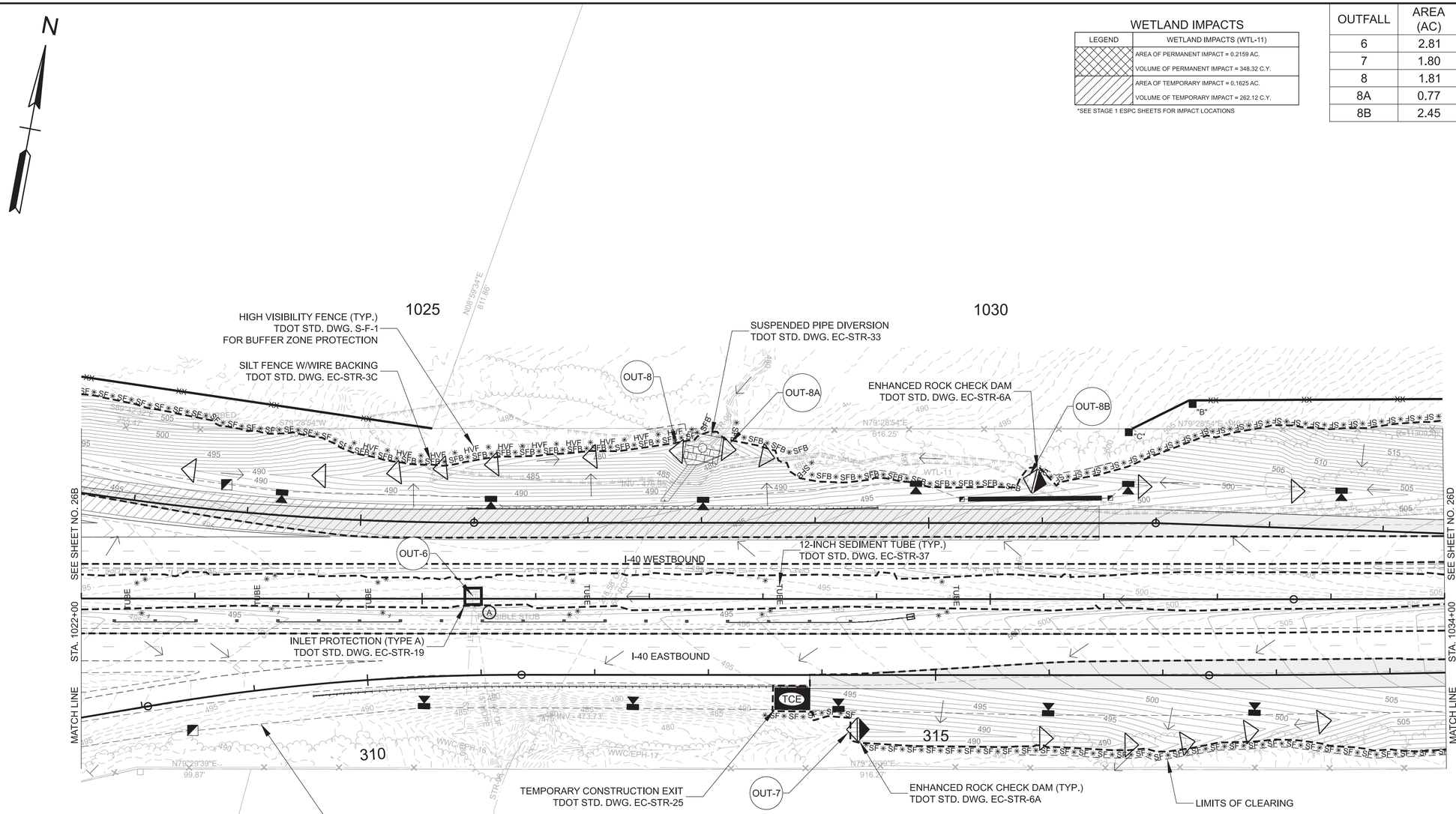

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.2159 AC.
	VOLUME OF PERMANENT IMPACT = 348.32 C.Y.
	AREA OF TEMPORARY IMPACT = 0.1625 AC.
	VOLUME OF TEMPORARY IMPACT = 262.12 C.Y.

*SEE STAGE 1 ESPC SHEETS FOR IMPACT LOCATIONS

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
6	2.81	0.177
7	1.80	0.147
8	1.81	0.157
8A	0.77	0.107
8B	2.45	0.197

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	26C
PIH	2025	39I040-S3-006	26C
PS&E	2026	39I040-S3-006	26C

NOTES:
1. THE DISTURBED AREA WITHIN THE ROW IS LIMITED TO 15 FEET BEYOND THE SLOPE LIMITS

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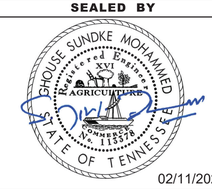
3. FOR DRAINAGE INFORMATION OF THE EXISTING PIPE CULVERTS SEE DRAINAGE MAP, SHEETS 17 AND 18.

PROPOSED CONTOURS

EXISTING CONTOURS

LIMITS OF DISTURBANCE

SEALED BY



02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

STAGE II
INTERMEDIATE GRADING

2/9/2026 3:12:34 PM
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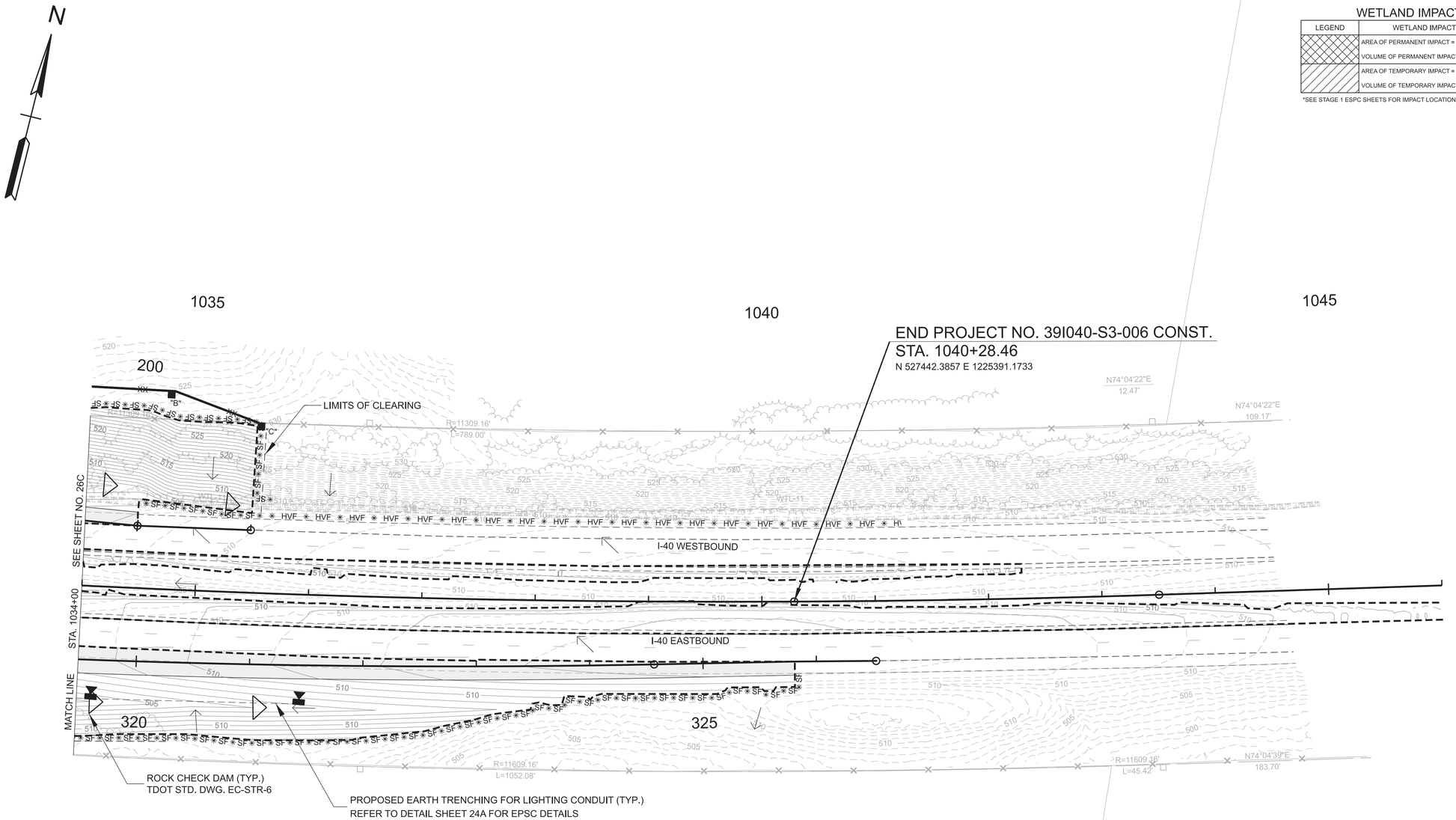
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	26D
PIH	2025	39I040-S3-006	26D
PS&E	2026	39I040-S3-006	26D

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.0162 AC.
	VOLUME OF PERMANENT IMPACT = 26.20 C.Y.
	AREA OF TEMPORARY IMPACT = 0.00 AC.
	VOLUME OF TEMPORARY IMPACT = 0.00 C.Y.

*SEE STAGE 1 ESPC SHEETS FOR IMPACT LOCATIONS



NOTES:
1. THE DISTURBED AREA WITHIN THE ROW IS LIMITED TO 15 FEET BEYOND THE SLOPE LIMITS

2. SILT FENCE AND SILT FENCE WITH BACKING TO BE PLACED MINIMUM 5' FROM THE TOE OF SLOPE; ON CONTOUR, UTILIZING J-HOOK, IF NECESSARY.

3. FOR DRAINAGE INFORMATION OF THE EXISTING PIPE CULVERTS SEE DRAINAGE MAP, SHEETS 17 AND 18.

PROPOSED CONTOURS

EXISTING CONTOURS

LIMITS OF DISTURBANCE

SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
CERTIFICATE NO. 115378
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1034+00.00 TO STA. 1040+28.46
SCALE: 1" = 50'

STAGE II
INTERMEDIATE GRADING

2/9/2026 3:13:00 PM
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N

985

990

995

RIPRAP OUTLET PROTECTION
REMOVE CHECK ROCK DAM
UPON INSTALLATION

CONTRACTOR TO REFER TO STREAM PERMIT
DOCUMENTS FOR STREAM RELOCATION AND
CONSTRUCTION SEQUENCING

SILT FENCE W/WIRE BACKING
REMOVE UPON FINAL STABILIZATION

OUT-2A

STR-03

STR-01

RIRAP OUTLET PROTECTION
REMOVE ROCK CHECK DAM
UPON INSTALLATION

S79°30'54"W
1137.83'

OUT-1

125

TCE

120

EX. 24" RCP TO REMAIN

OUT-2

CATCH BASIN PROTECTION (TYPE A)
REMOVE UPON FINAL STABILIZATION

I-40 WESTBOUND

SEE SHEET NO. 27A

STA. 998+00

EX. 18" RCP TO REMAIN

I-40 EASTBOUND

INV - 483.00'

INV - 489.48'

OUT-3

HIGH VISIBILITY FENCE (TYP.)
REMOVE UPON FINAL STABILIZATION

MATCH LINE

400

S79°30'49"W
981.32'

S79°30'49"W
936.66'

ENHANCED ROCK CHECK DAM
REMOVE UPON FINAL STABILIZATION

BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 989+93.91
N 526500.0459 E 1220446.1104

S50°47'56"E
371.27'

N50°47'56"W
9.99'

N90°00'00"E
0.00'

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-3)
	AREA OF PERMANENT IMPACT = 0.0560 AC.
	VOLUME OF PERMANENT IMPACT = 90.37 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

*SEE STAGE 1 ESPC SHEETS FOR IMPACT LOCATIONS

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
1	1.13	0.190
2	1.22	0.230
2A	1.22	0.230
3	1.02	0.277

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	27
PIH	2025	39I040-S3-006	27
PS&E	2026	39I040-S3-006	27

NOTES:
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2. SILT FENCE AND SILT FENCE WITH BACKING TO BE PLACED MINIMUM 5' FROM THE TOE OF SLOPE; ON CONTOUR, UTILIZING J-HOOK, IF NECESSARY.

3. FOR DRAINAGE INFORMATION OF THE EXISTING PIPE CULVERTS SEE DRAINAGE MAP, SHEETS 17 AND 18.

4. ALL PERIMETER MEASURES FROM STAGE 2 SHALL REMAIN IN PLACE UNTIL THE AREA HAS REACHED FINAL STABILIZATION.

PROPOSED CONTOURS

EXISTING CONTOURS

LIMITS OF DISTURBANCE

STAGE III
FINAL CONSTRUCTION

SEALED BY

HOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
TENNESSEE
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 984+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

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N

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4a)
	AREA OF PERMANENT IMPACT = 0.0185 AC.
	VOLUME OF PERMANENT IMPACT = 29.88 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

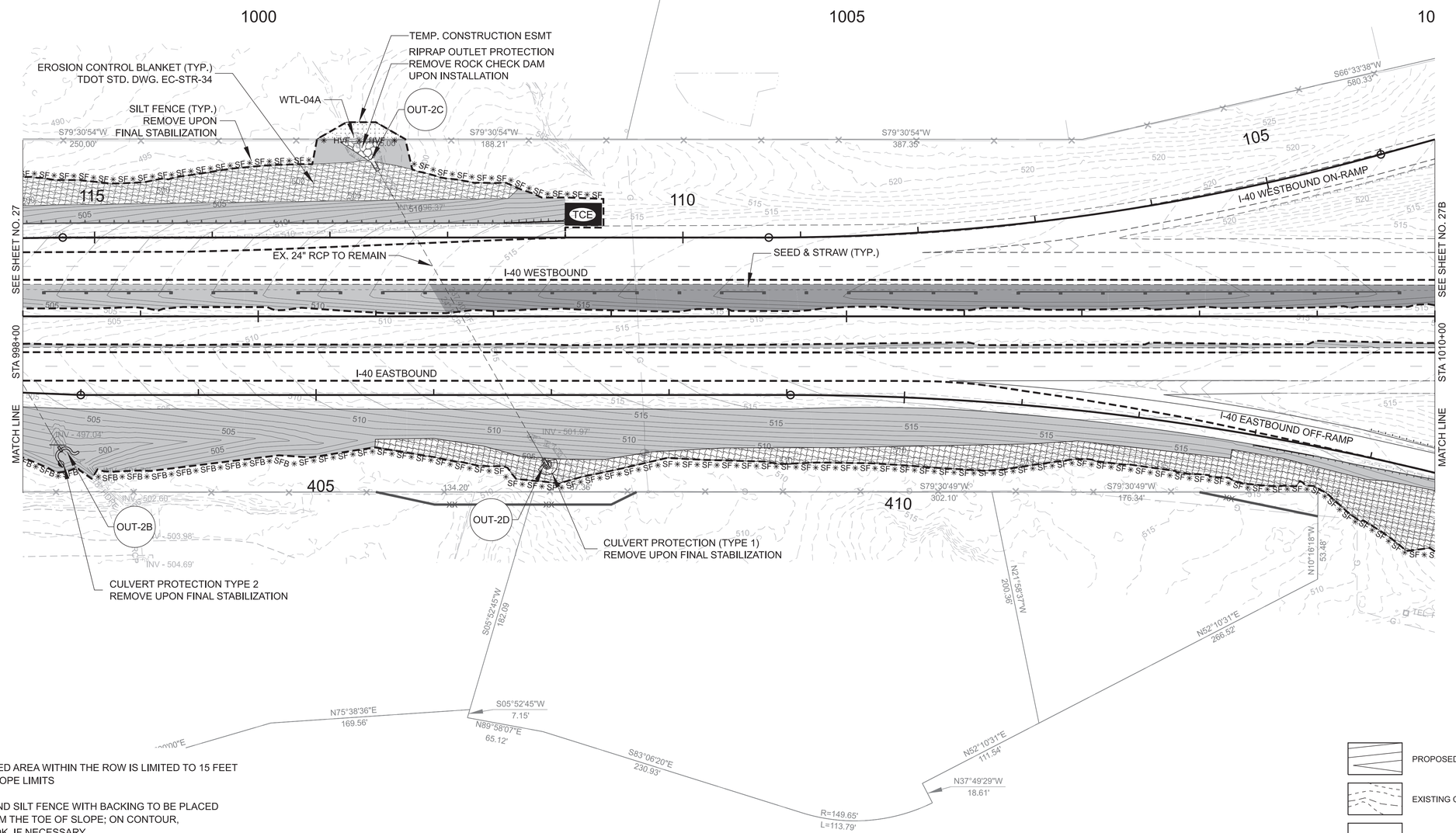
*SEE STAGE 1 ESPC SHEETS FOR IMPACT LOCATIONS

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-4b)
	AREA OF PERMANENT IMPACT = 0.0095 AC.
	VOLUME OF PERMANENT IMPACT = 15.40 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
2B	0.92	0.118
2C	2.90	0.118
2D	2.45	0.113

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	27A
PIH	2025	39I040-S3-006	27A
PS&E	2026	39I040-S3-006	27A



NOTES:
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4. ALL PERIMETER MEASURES FROM STAGE 2 SHALL REMAIN IN PLACE UNTIL THE AREA HAS REACHED FINAL STABILIZATION.

PROPOSED CONTOURS

EXISTING CONTOURS

LIMITS OF DISTURBANCE

STAGE III
FINAL CONSTRUCTION

SEALED BY

HOUSE SUNDKE MOHAMMED
Registered Engineer
No. 115378
STATE OF TENNESSEE
AGRICULTURE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

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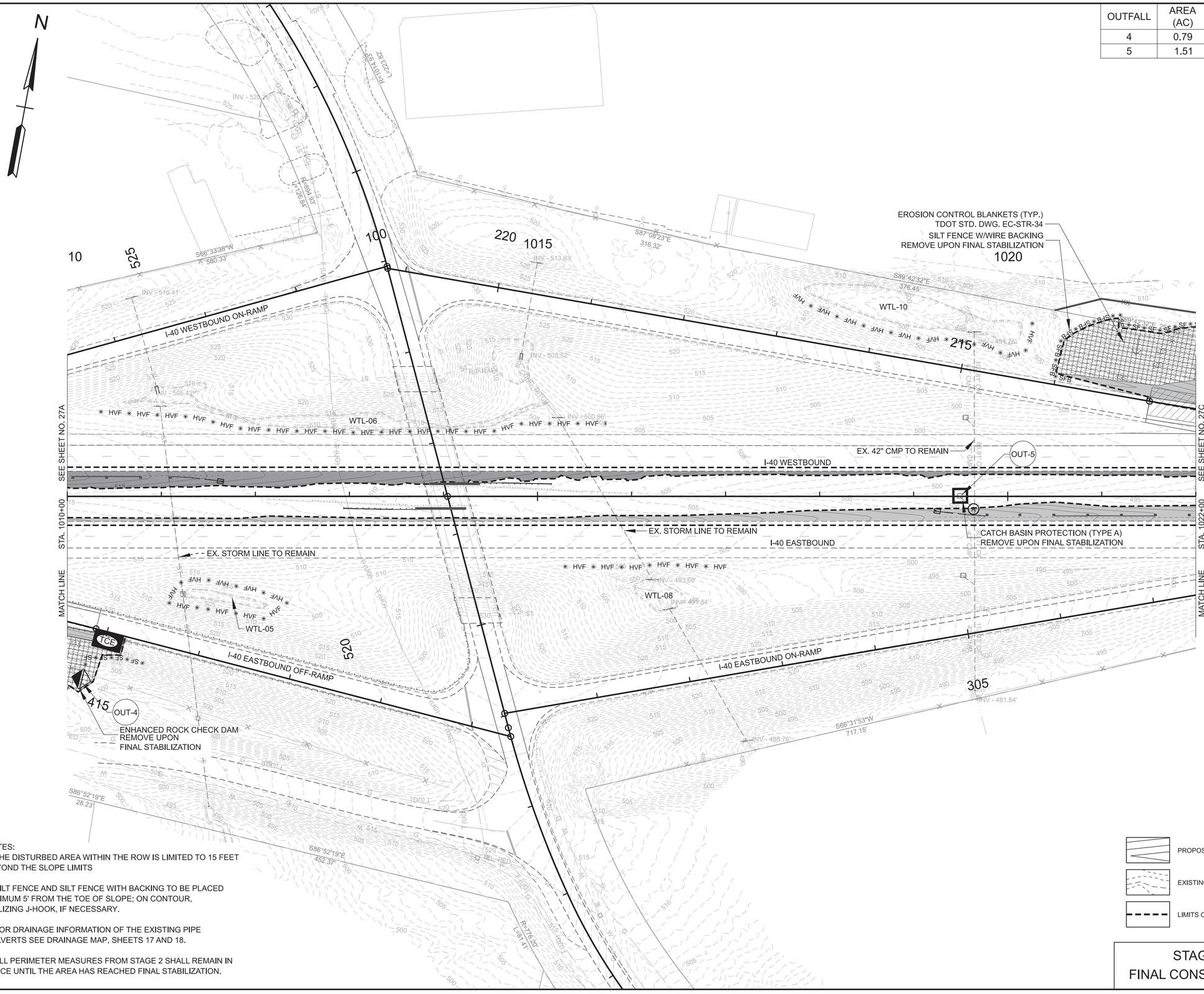
OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
4	0.79	0.130
5	1.51	0.167

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	27B
PIH	2025	39I040-S3-006	27B
PS&E	2026	39I040-S3-006	27B



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PROPOSED CONTOURS

EXISTING CONTOURS

LIMITS OF DISTURBANCE

STAGE III
FINAL CONSTRUCTION

SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
TENNESSEE
115178
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

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N

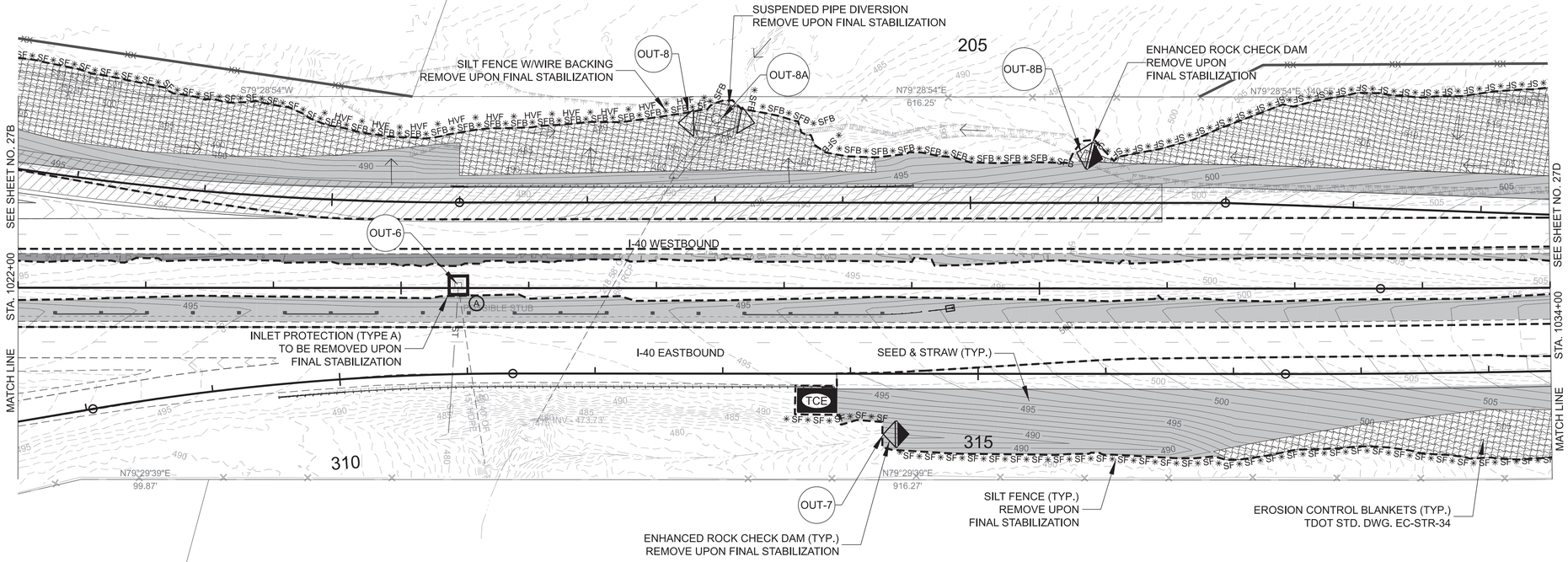
WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.2159 AC.
	VOLUME OF PERMANENT IMPACT = 348.32 C.Y.
	AREA OF TEMPORARY IMPACT = 0.1625 AC.
	VOLUME OF TEMPORARY IMPACT = 262.12 C.Y.

*SEE STAGE 1 ESPC SHEETS FOR IMPACT LOCATIONS

OUTFALL	AREA (AC)	AVG. SLOPE (FT/FT)
6	2.81	0.177
7	1.80	0.147
8	1.81	0.157
8A	0.77	0.107
8B	2.45	0.197

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	27C
PIH	2025	39I040-S3-006	27C
PS&E	2026	39I040-S3-006	27C



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PROPOSED CONTOURS

EXISTING CONTOURS

LIMITS OF DISTURBANCE

STAGE III
FINAL CONSTRUCTION

SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
STATE OF TENNESSEE
02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

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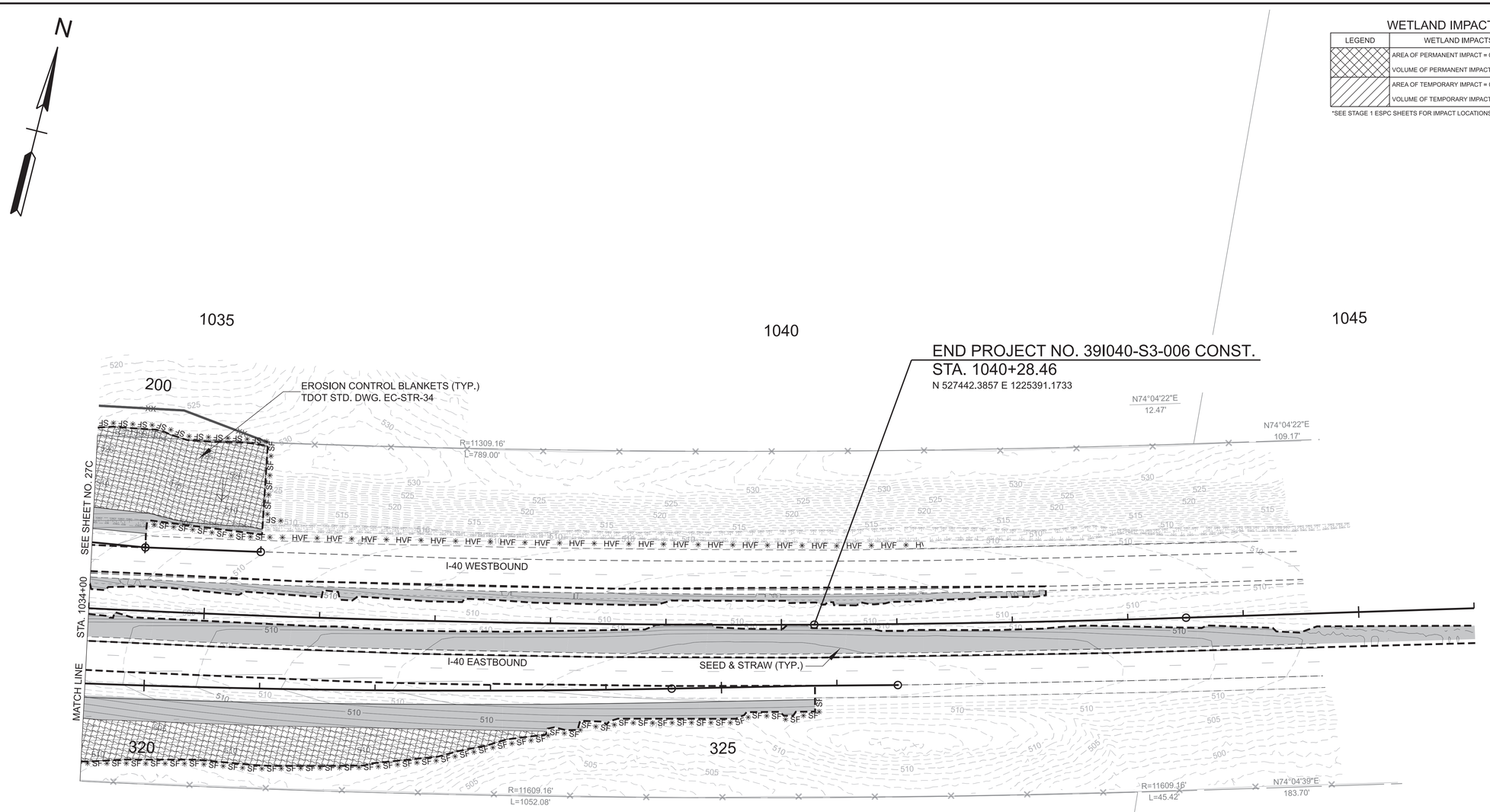
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	27D
PIH	2025	39I040-S3-006	27D
PS&E	2026	39I040-S3-006	27D

WETLAND IMPACTS

LEGEND	WETLAND IMPACTS (WTL-11)
	AREA OF PERMANENT IMPACT = 0.0162 AC.
	VOLUME OF PERMANENT IMPACT = 26.20 C.Y.
	AREA OF TEMPORARY IMPACT = 0.00 AC.
	VOLUME OF TEMPORARY IMPACT = 0.00 C.Y.

*SEE STAGE 1 ESPC SHEETS FOR IMPACT LOCATIONS



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PROPOSED CONTOURS

EXISTING CONTOURS

LIMITS OF DISTURBANCE

STAGE III
FINAL CONSTRUCTION

SEALED BY

GHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
AGRICULTURE
TENNESSEE
NO. 115178
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 1034+00.00 TO STA. 1040+28.46
SCALE: 1" = 50'

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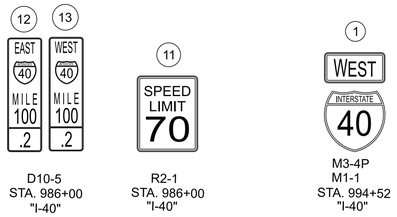
PAVEMENT MARKING LEGEND	
SYMBOL	ITEM
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE
DDYL	DOUBLE DOTTED YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE
SRPM	SNOWPLOWABLE RAISED PAVEMENT MARKERS, BI-DIRECTION TWO COLOR

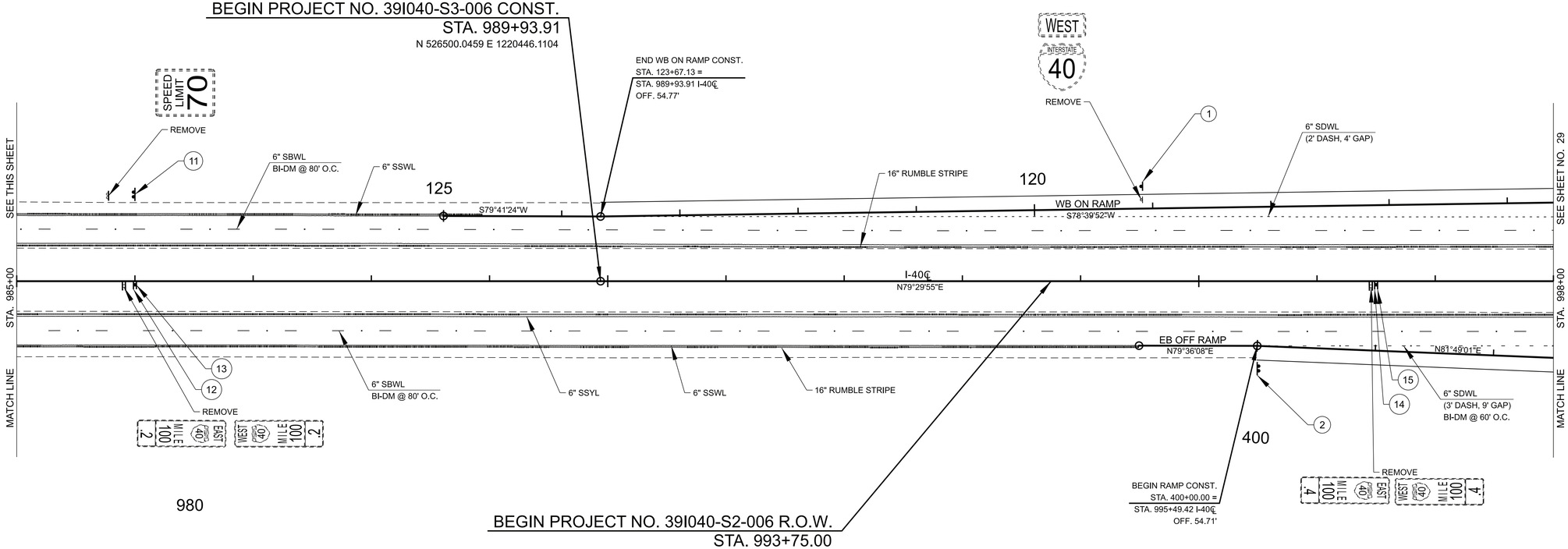
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	28
PS&E	2026	39I040-S3-006	28



985 990 995

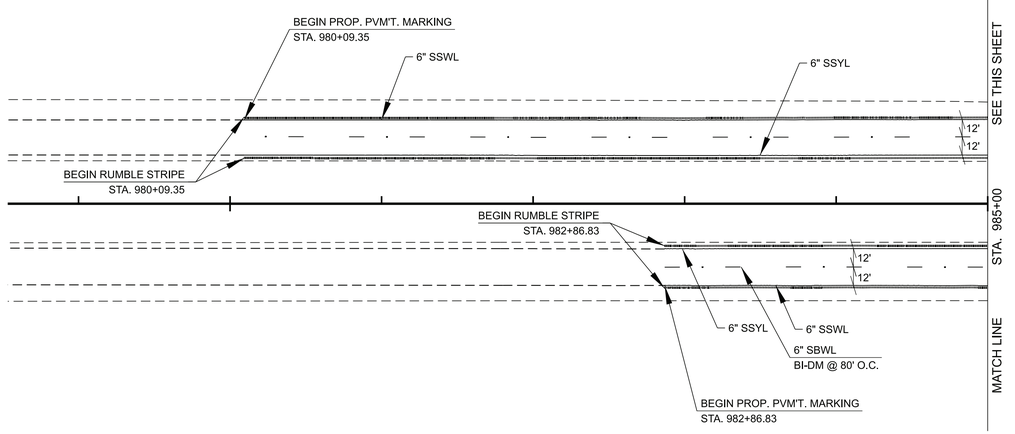
BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 989+93.91
N 526500.0459 E 1220446.1104

END WB ON RAMP CONST.
STA. 123+67.13 =
STA. 989+93.91 I-40℄
OFF. 54.77'



980

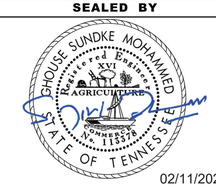
BEGIN PROJECT NO. 39I040-S2-006 R.O.W.
STA. 993+75.00
N 526569.5017 E 1220820.8126



STA. 400+00 "EB OFF RAMP"
STA. 200+00 "WB OFF RAMP"

D10-5
STA. 996+50
"I-40"

SEALED BY



02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 978+46.05 TO STA. 998+00
SCALE: 1" = 50'

2/10/2026 1:58:16 PM
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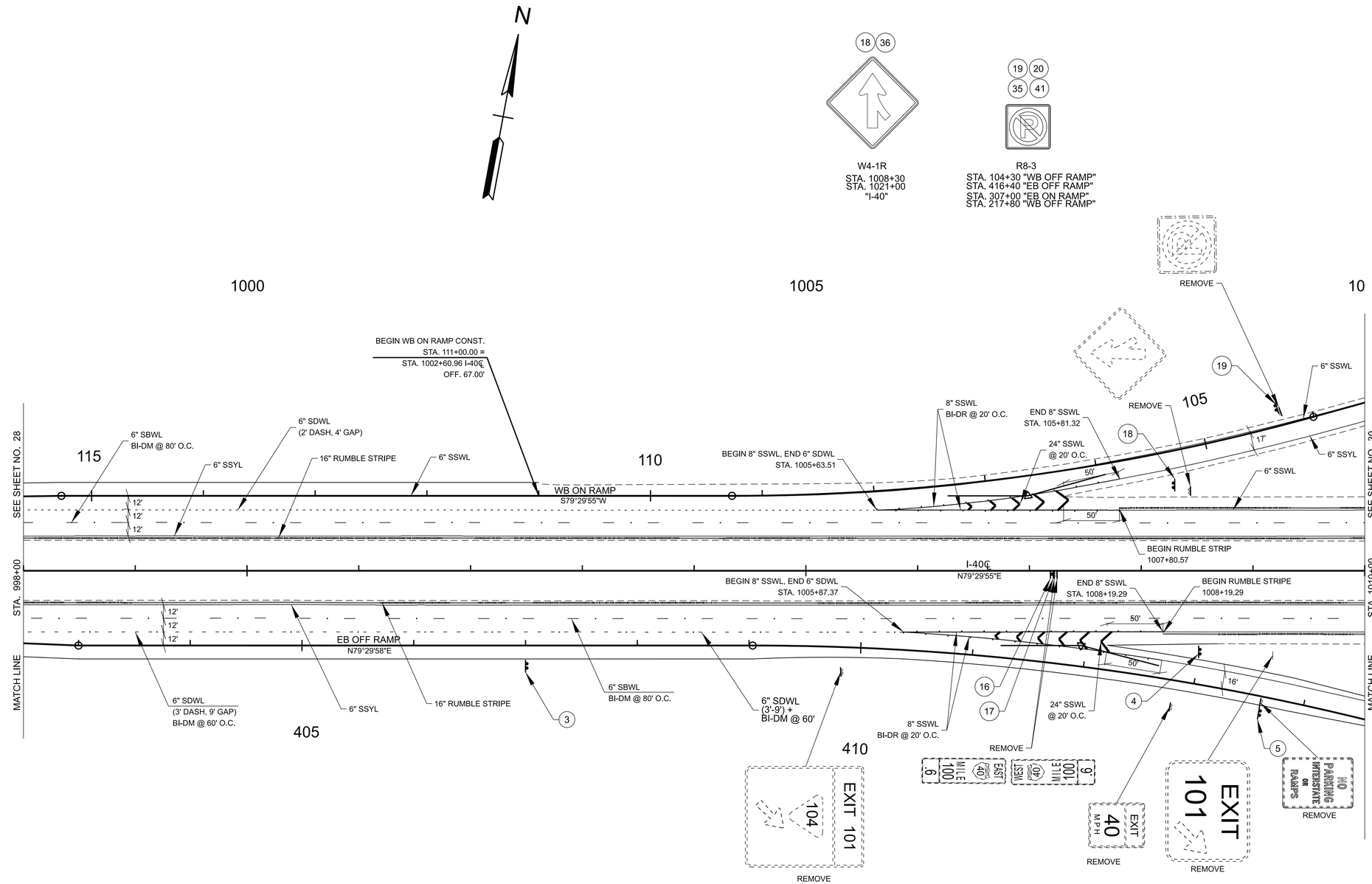
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	29
PS&E	2026	39I040-S3-006	29



3 6
EXIT
50
MPH
W13-2
STA. 407+00 "EB OFF RAMP"
STA. 207+00 "WB OFF RAMP"

4 37
EXIT
101
E5-1a
STA. 413+00 "EB OFF RAMP"
STA. 1021+50 "I-40"

5 34 38 52
NO
PARKING
INTERSTATE
OR
RAMPS
TN-79
STA. 413+62 "EB OFF RAMP"
STA. 302+00 "EB ON RAMP"
STA. 213+50 "EB ON RAMP"
STA. 101+70 "WB OFF RAMP"

16 17
EAST
40
MILE
100
.6
WEST
40
MILE
100
.6
D10-5
STA. 1007+20
"I-40"

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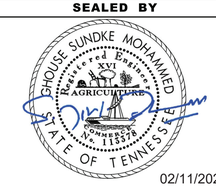

02/11/2026

COORDINATES ARE NAD 83(2011), ARE
DATUM ADJUSTED BY THE FACTOR
OF 1.00007 AND TIED TO THE TGRN.
ALL ELEVATIONS ARE REFERENCED
TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 998+00 TO STA. 1010+00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	30
PS&E	2026	39I040-S3-006	30

N

4 37 EXIT 101 E5-1a
STA. 1021+50 "I-40"
STA. 413+00 "EB OFF RAMP"

21 39 GAS 0.1
STA. 416+54 "EB OFF RAMP"
STA. 217+34 "WB OFF RAMP"

24 40 FOOD 0.1
STA. 271+30 "WB OFF RAMP"
STA. 417+30 "EB OFF RAMP"

32 49 / 31 50 R3-1 / R3-2
STA. 418+72 " EB OFF RAMP"
STA. 220+58 " WB OFF RAMP"

53 54 EAST/WEST 40 MILE 100 .8 D10-5
STA. 1017+00 "I-40"

REMOVE NO PARKING INTERSTATE OR RAMPS
REMOVE PEDESTRIANS NON-MOTORIZED TRAFFIC MOTOR DRIVEN CYCLES PROHIBITED
TIE-IN TO EXIST.
REMOVE STOP
REMOVE ONE WAY / ONE WAY
REMOVE DO NOT ENTER
REMOVE WEST 104
REMOVE WRONG WAY
REMOVE FOOD 0.1
REMOVE GAS 0.1
REMOVE EXIT 101
REMOVE NO PARKING INTERSTATE OR RAMPS

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp
N 527168.0262 E 1222708.3709

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp
N 527166.0498 E 1222709.3026

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104
N 526939.3630 E 1222816.1528

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp
N 526723.6436 E 1222917.8335

STA. 518+77.29 SR104=
STA. 0+00.00 EB Off Ramp
N 526700.6365 E 1222928.7249

WB ON RAMP S64°01'41"W
WB OFF RAMP S89°23'08"W
EB OFF RAMP S85°56'29"E
EB ON RAMP N69°47'26"E
I-40℄ N79°29'55"E
SR104 N25°41'41"W

6" SSWL
6" SSYL
6" SBWL BI-DM @ 80' O.C.
24" STOP LINE
TIE-IN TO EXIST.
TIE-IN TO EXIST
STA. 212+97.07 END 8" SSWL, BEGIN 6" SSWL
8" SSWL BI-DR @ 20' O.C.
END RAMP CONST. STA. 212+97.07
END RUMBLE STRIPE STA. 1020+20.45
END 8" SSWL, BEGIN 6" SSYL STA. 212+97.07
END RAMP CONST. STA. 414+87.66

SEE SHEET NO. 29
SEE SHEET NO. 31
MATCH LINE
STA. 1010+00
STA. 1022+00

R8-3
STA. 104+30 "WB OFF RAMP"
STA. 416+40 "EB OFF RAMP"
STA. 307+00 "EB ON RAMP"
STA. 217+80 "WB OFF RAMP"

TN-79
STA. 413+62 "EB OFF RAMP"
STA. 302+00 "EB ON RAMP"
STA. 213+50 "EB ON RAMP"
STA. 101+70 "WB OFF RAMP"

R5-1
STA. 418+70 "EB OFF RAMP"
STA. 419+00 "EB OFF RAMP"
STA. 220+90 "WB OFF RAMP"
STA. 220+60 "EB OFF RAMP"

TN-21
STA. 301+30 "EB ON RAMP"
STA. 101+00 "WB ON RAMP"

W4-1R
STA. 1008+30
STA. 1021+00
"I-40"

R5-1A
STA. 416+70 "EB OFF RAMP"
STA. 218+60 "WB OFF RAMP"

R1-1 / R6-1R / R6-1L
STA. 418+60 "EB OFF RAMP"
STA. 418+87 "EB OFF RAMP"
STA. 220+80 "WB OFF RAMP"
STA. 220+50 "WB OFF RAMP"

M3-3 / M1-5 / M6-1L
STA. 418+24 "EB OFF RAMP"
STA. 219+60 "WB OFF RAMP"

M3-3 / M1-5 / M6-1R
STA. 418+24
"EB OFF RAMP"

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CHOUSE SUNDKE MOHAMMED — REGISTERED ENGINEER — AGRICULTURE — STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 1010+00 TO STA. 1022+00

SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	31
PS&E	2026	39I040-S3-006	31

(55) (56)

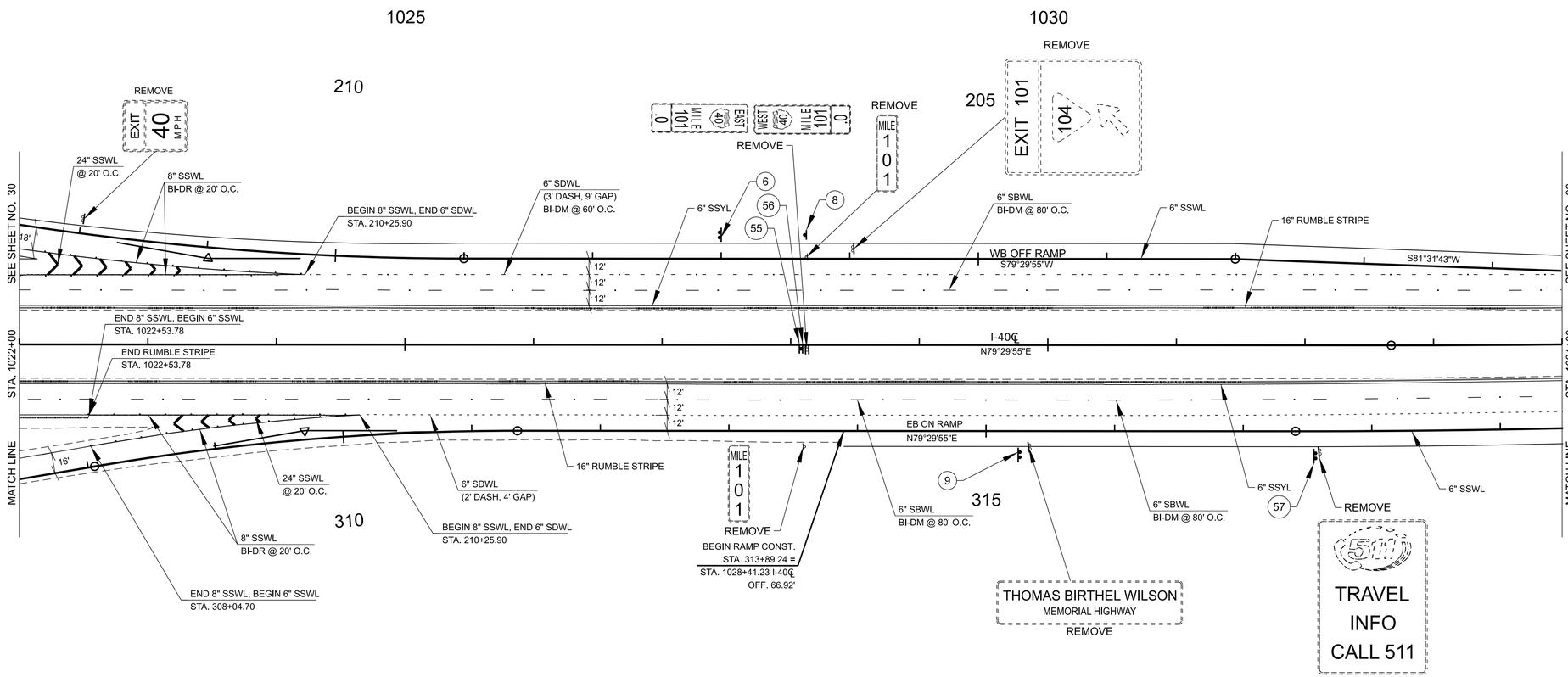
D10-5
STA. 1028+08
"I-40"

(3) (6)

W13-2
STA. 407+00 "EB OFF RAMP"
STA. 207+00 "WB OFF RAMP"

(8)

D10-3
STA. 206+00 "WB OFF RAMP"



(9)

Thomas Birthel Wilson
Memorial Highway

STA. 315+25 "EB ON RAMP"

(57)

D12-5
STA. 1032+07 "I-40"

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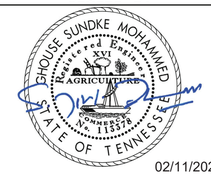

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 1022+00 TO STA. 1034+00
SCALE: 1" = 50'

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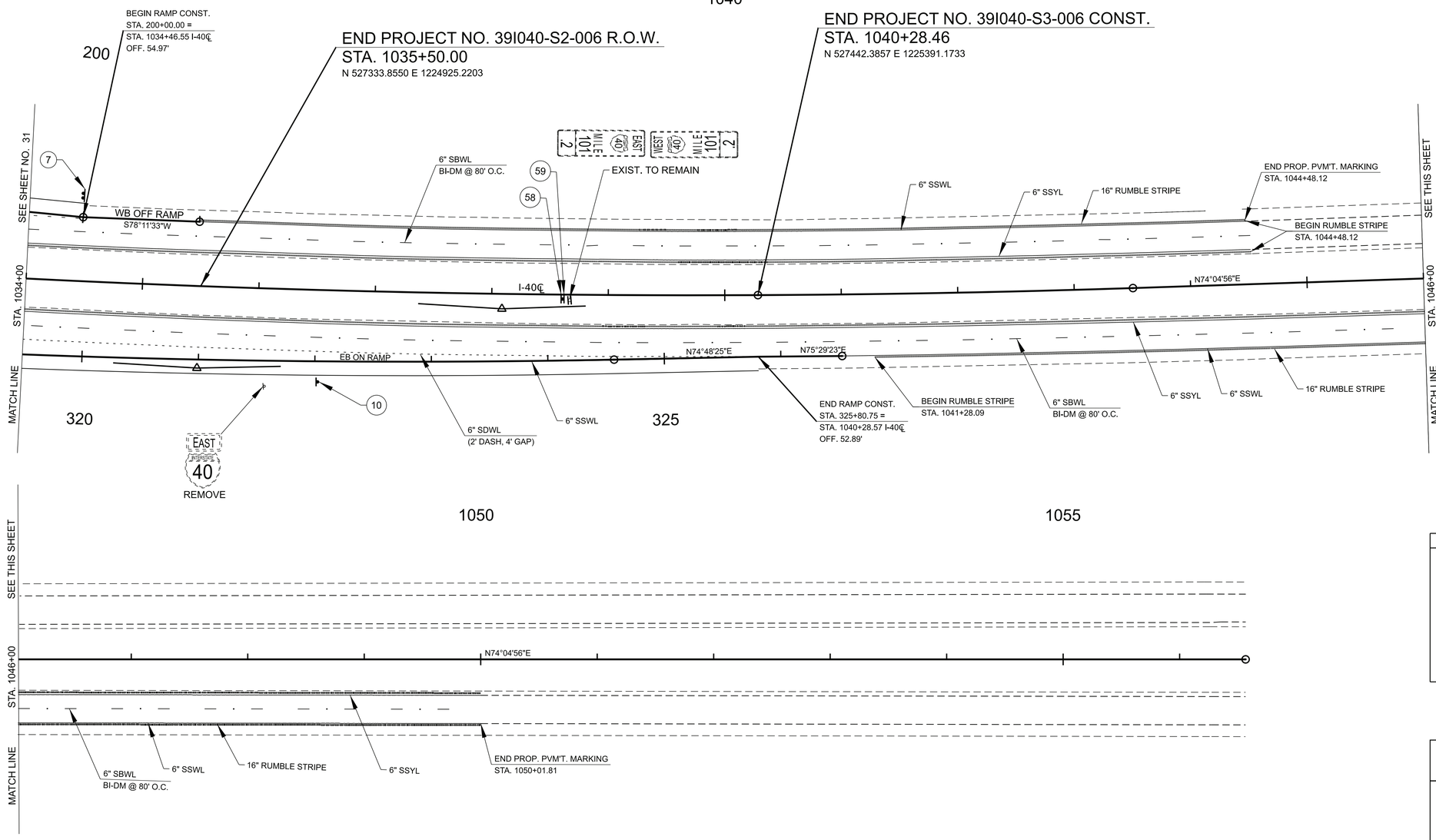
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	32
PS&E	2026	39I040-S3-006	32

STA. 200+00 "WB OFF RAMP"
STA. 400+00 "EB OFF RAMP"

STA. 322+00 "EB ON RAMP"

D10-5
STA. 1038+06
"I-40"

1035 1040 1045



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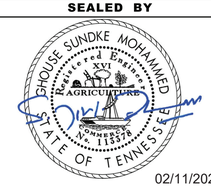

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COORDINATES ARE NAD 83(2011), ARE
DATUM ADJUSTED BY THE FACTOR
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ALL ELEVATIONS ARE REFERENCED
TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 1034+00 TO STA. 1055+56.31
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	33
PS&E	2026	39I040-S3-006	33

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

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); MULTI-DIRECTIONAL BASE (T-S SERIES 23A, 23C); RAILROAD (T-S-16)

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

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			LETTER	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
1	WEST / INTERSTATE 40 — M3-4P / M1-1	28	36" 36"	18" 36"									WHITE WHITE	BLUE BLUE & RED	0.100" SHEET ALUMINUM	U4	H1= 16'-0" H2= 16'-3"				7'-0"	
2 7	EXIT 101 / 104 / Lexington Huntington —	28 32	8'-0" 18'-0"	2'-6" 16'-0"	6" 12"	2.5" 2"	10" 20"	15" 15"	15"	E EM EM	45" X 36" TYPE "A" @ 45°		WHITE WHITE	GREEN GREEN	18-12" & 1-6" ALUMINUM EXTRUSIONS	2 @ W8 X 35	H1= 32'-9" H2= 35'-6"	TYPE 6 D = 1'-6"	0.38	107.6	7'-0"	
3 6	EXIT 50 MPH — W13-2	29 31	36"	48"									BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	U4	H= 16'-3" H2= 16'-9"				7'-0"	
4 37	EXIT 101 — E5-1a	29 30	96"	60"									WHITE	GREEN	5-12" ALUMINUM EXTRUSIONS	3@P9	H1=13'-3" H2=13'-6" H3=14'-0"		0.35	74.68	7'-0"	INSTALL MULTIDIRECTIONAL SLIP BASE SEE TDOT STD DWG.T-S-23A
5 34 38 52	NO PARKING INTERSTATE OR RAMPS — TN-79	29 30 30 30	48"	60"									RED	WHITE	0.100" SHEET ALUMINUM	2@P4	H1= 13'-9" H2= 14'-6"				7'-0"	
8	MILE 1 0 1 — D10-3	31	12"	48"									WHITE	GREEN	0.080" SHEET ALUMINUM	U1	13'-0"				7'-0"	
9	Thomas Birthel Wilson Memorial Highway	31	26'-0"	6'-0"									WHITE	GREEN	0.100" SHEET ALUMINUM	3 @ S5 X 10	H1=15'-0" H2=17'-3" H3=19'-5"		0.54	145.81	7'-0"	
10	EAST / INTERSTATE 40 — M3-2P / M1-1	32	36" 36"	18" 36"									WHITE WHITE	BLUE BLUE & RED	0.100" SHEET ALUMINUM	U5	H1= 16'-0" H2= 16'-3"				7'-0"	
11	SPEED LIMIT 70 — R2-1	28	36"	48"									BLACK	WHITE	0.080" SHEET ALUMINUM	U2	H1= 15'-0" H2= 14'-6"				7'-0"	

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CHOUSE SUNDKE MOHAMMED — Registered Engineer — AGRICULTURE — Tennessee No. 115378 — STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE SHEET

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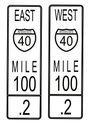
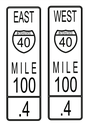
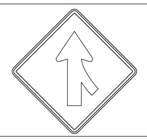
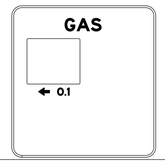
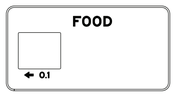
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	39I040-S3-006	34

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

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); MULTI-DIRECTIONAL BASE (T-S SERIES 23A, 23C); RAILROAD (T-S-16)

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

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			LETTER	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
12	 D10-5	28	18"	60"									WHITE	BLUE	0.080" SHEET ALUMINUM	U1	H1= 12'-9"				7'-0"	SEE TDOT STD DWG. T-S-11
13			18"	60"																		
14	 D10-5	28	18"	60"									WHITE	BLUE	0.080" SHEET ALUMINUM	U2	H1= 13'-5"				7'-0"	SEE TDOT STD DWG. T-S-11
15			18"	60"																		
16	D10-5	29	18"	60"									WHITE	BLUE	0.080" SHEET ALUMINUM	U2	H1= 13'-5"				7'-0"	SEE TDOT STD DWG. T-S-11
17			18"	60"																		
18	 W4-1R	29	48"	48"									WHITE	YELLOW	0.100" SHEET ALUMINUM	2@P3	H1=15.25 H2=15.00				7'-0"	SEE TDOT STD DWG. T-S-23A
36		30	48"	48"																		
19	R8-3	29	48"	48"									WHITE	RED	0.100" SHEET ALUMINUM	2@U3	H1=14.50 H2=14.00				7'-0"	SEE TDOT STD DWG. T-S-23A
20		30																				
35		30																				
41		30																				
21		30	10'-0"	10'-0"	8"	1.5"	10"		6"	EM EM		TYPE "D" @90°	WHITE	BLUE	9-12" & 1-6" ALUMINUM EXTRUSIONS	2@ S4 X 7.7	H1= 18'-6" H2=17'-6"	TYPE 5 D= 1'-3"	0.36	97.21	7'-0"	SEE TDOT STD DWG. T-S-9 SEE TDOT STD DWG. T-S-13
22	R5-1a	30	36"	24"									WHITE	RED	0.080" SHEET ALUMINUM	U1	H1= 11'-9"					SEE TDOT STD DWG. T-S-23A
23																						
42																						
43																						
24		30	13'-6"	7'-0"	8"	1.5"	10"		6"	EM EM		TYPE "D" @90°	WHITE	BLUE	13-12" & 1-6" ALUMINUM EXTRUSIONS	2@ S4 X 7.7	H1= 15'-6" H2=14'-0"	TYPE 5 D= 1'-3"	0.36	97.21	7'-0"	SEE TDOT STD DWG. T-S-9 SEE TDOT STD DWG. T-S-13

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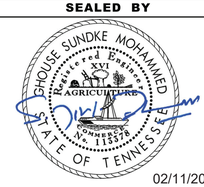

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE SHEET

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	39I040-S3-006	35

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

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); MULTI-DIRECTIONAL BASE (T-S SERIES 23A, 23C); RAILROAD (T-S-16)

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

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			LETTER	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
25	WEST	M3-3		24"	12"									BLACK	WHITE	0.080" SHEET ALUMINUM							
44	104	M1-5	30	30"	24"									BLACK	WHITE	0.080" SHEET ALUMINUM	U7	H1=14'-9"					SEE TDOT STD DWG. T-S-23A
		M6-1L		30"	21"									BLACK	WHITE	0.080" SHEET ALUMINUM							
26	EAST	M3-3	30	24"	12"									BLACK	WHITE	0.080" SHEET ALUMINUM	U7	H1=14'-9"					SEE TDOT STD DWG. T-S-23A
	104	M1-5		30"	24"									BLACK	WHITE	0.080" SHEET ALUMINUM							
		M6-1R		30"	21"									BLACK	WHITE	0.080" SHEET ALUMINUM							
27 29 45 47	STOP	R1-1	30	36"	36"									WHITE	RED	0.100" SHEET ALUMINUM	2 @ U3	H1=15'-0" H2=14'-9"					SEE TDOT STD DWG. T-S-23A
	ONE WAY	R6-1R		36"	12"									WHITE	BLACK	0.080" SHEET ALUMINUM							
	ONE WAY	R6-1L		36"	12"									WHITE	BLACK	0.080" SHEET ALUMINUM							
28 30 46 48	DO NOT ENTER	R5-1	30	36"	36"									WHITE	RED	0.100" SHEET ALUMINUM	U3	H1=12'-9"					SEE TDOT STD DWG. T-S-23A
31 32 49 50	R3-1 R3-2		30	36"	36"									WHITE	RED	0.100" SHEET ALUMINUM	U3	H1 = 12'-9"					SEE TDOT STD DWG. T-S-23A
33 51	PEDESTRIANS NON-MOTORIZED TRAFFIC MOTOR DRIVEN CYCLES PROHIBITED	TN-21	30	36"	30"									WHITE	BLACK	0.080" SHEET ALUMINUM	U2	H1=12'-3"					SEE TDOT STD DWG. T-S-23A
39	GAS 0.1	E5-1b	30	10'-0"	10'-0"	8"	1.5"	10"		6"	EM		TYPE "D" @90°	BLUE	WHITE	10-12" ALUMINUM EXTRUSIONS	2@ S4 X 7.7	H1= 18'-6" H2=17'-6"	TYPE 5 D= 1'-3"	0.36	97.21	7'-0"	SEE TDOT STD DWG. T-S-9 SEE TDOT STD DWG. T-S-13
40	FOOD 0.1	E5-1b	30	13'-6"	7'-0"	8"	1.5"	10"		6"	EM		TYPE "D" @90°	BLUE	WHITE	13-12" & 1-6" ALUMINUM EXTRUSIONS	2@ S4 X 7.7	H1= 15'-6" H2=14'-0"	TYPE 5 D= 1'-3"	0.36	97.21	7'-0"	SEE TDOT STD DWG. T-S-9 SEE TDOT STD DWG. T-S-13
53 54	EAST 40 MILE 100 .8 WEST 40 MILE 100 .8	D10-5	30	18" 18"	60" 60"									WHITE	BLUE	0.080" SHEET ALUMINUM	U1	H1= 12'-9"				7'-0"	SEE TDOT STD DWG. T-S-11

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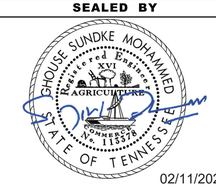

02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE SHEET

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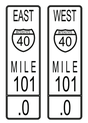
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	39I040-S3-006	36

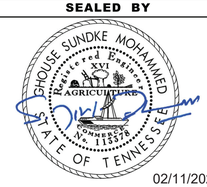
ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

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); MULTI-DIRECTIONAL BASE (T-S SERIES 23A, 23C); RAILROAD (T-S-16)

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

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			LETTER	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
55	 D10-5	31	18"	60"									WHITE	BLUE	0.080" SHEET ALUMINUM	U1	H1= 12'-9"				7'-0"	SEE TDOT STD DWG. T-S-11
56			18"	60"																		
57	D12-5	31	5'-6"	6'-5"									WHITE	BLUE	5-12" & 1-6" ALUMINUM EXTRUSIONS	2@P5	H1= 16'-5" H2= 16'-0"				7'-0"	INSTALL MULTIDIRECTIONAL SLIP BASE SEE TDOT STD DWG. T-S-23A
58	D10-5	32	18"	60"									WHITE	BLUE	0.080" SHEET ALUMINUM	U2	H1= 13'-5"				7'-0"	SEE TDOT STD DWG. T-S-11
59			18"	60"																		

SEALED BY



02/11/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE SHEET

2/10/2026 2:02:02 PM
C:\PW_WORKING\TN\PARSONS_P008606GIDMS05271\39I040-SHT-SIGN SCHEDULE-04.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	28
PIH	2025	39I040-S3-006	34
PS&E	2026	39I040-S3-006	37

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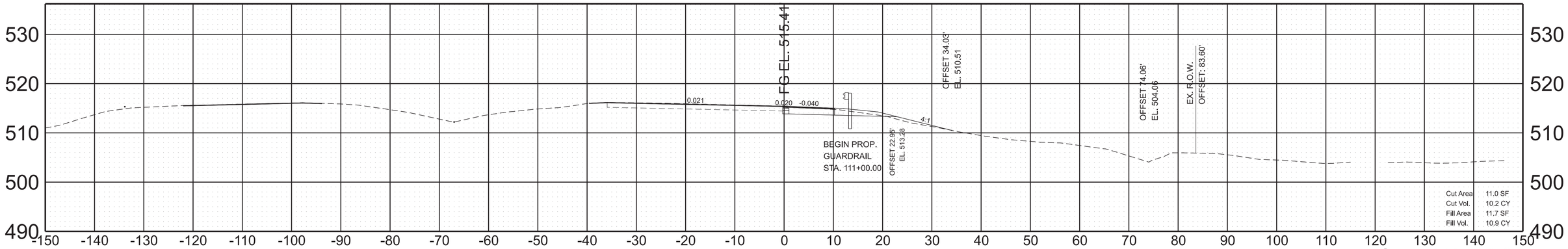
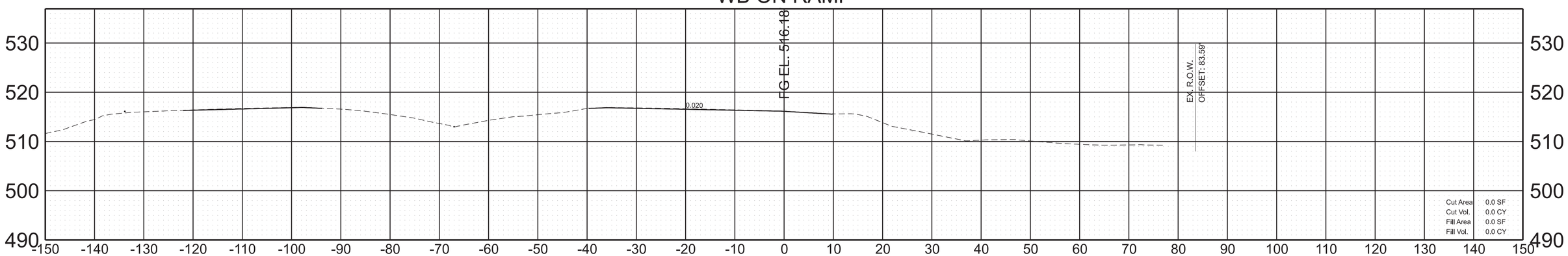


STA. 111+00.00

WB ON RAMP



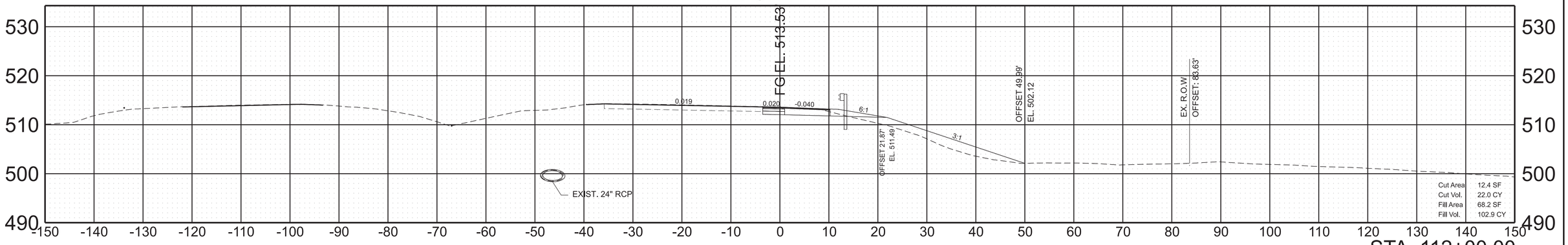
STA. 110+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 110+50.00
	1"=10' VERT.	END STA. 111+00.00

2/10/2026 10:41:07 AM
C:\PW_WORKINGIT\NPARSONS_P008606GIDMS0579639I040-SHT-XS-WB ON.DGN

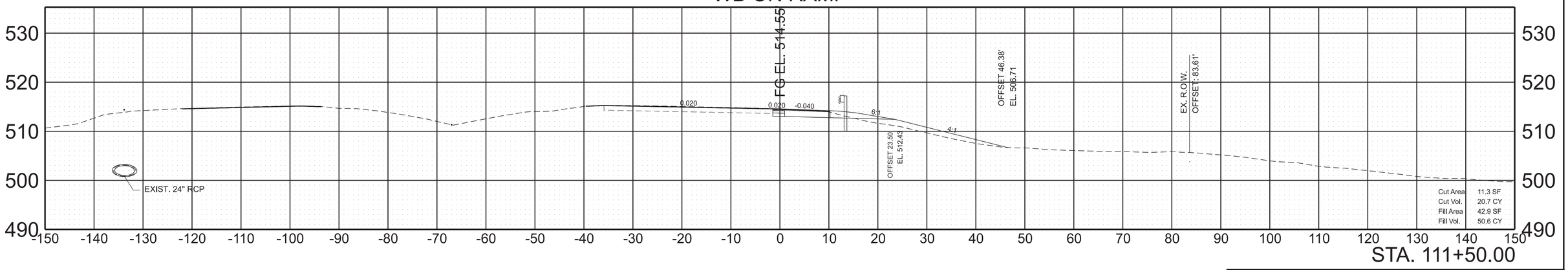
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	29
PIH	2025	39I040-S3-006	35
PS&E	2026	39I040-S3-006	38

WB ON RAMP



STA. 112+00.00

WB ON RAMP



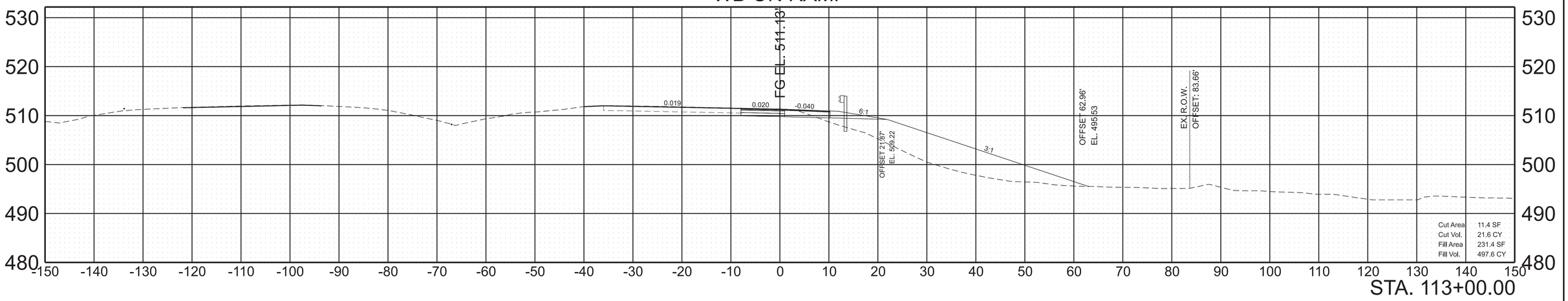
STA. 111+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 111+50.00
	1"=10' VERT.	END STA. 112+00.00

2/10/2026 10:41:11 AM
C:\PW_WORKING\TNI\PARSONS_P0086066GIDMS\05796\39I040-SHT-XS-WB ON.DGN

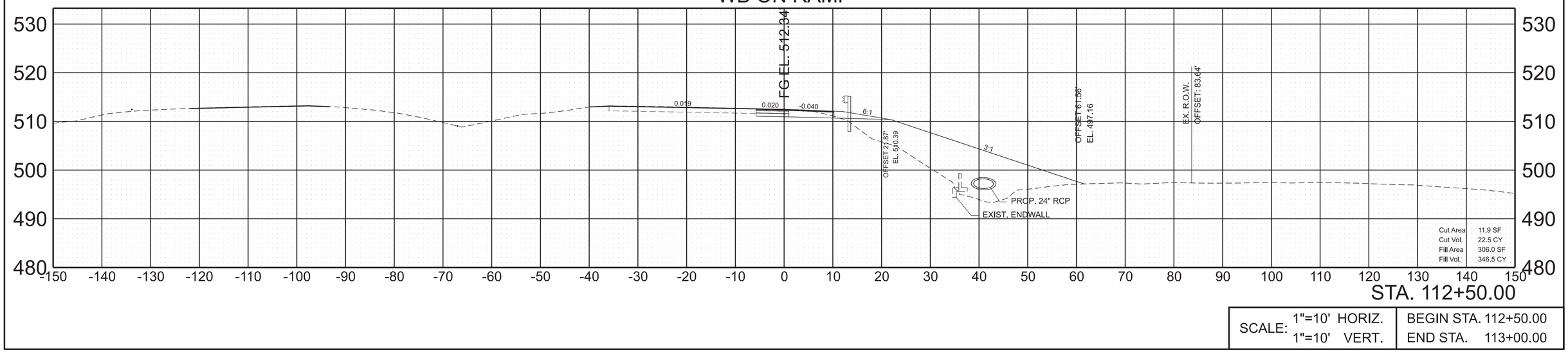
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	30
PIH	2025	39I040-S3-006	36
PS&E	2026	39I040-S3-006	39

WB ON RAMP



STA. 113+00.00

WB ON RAMP



STA. 112+50.00

SCALE:		
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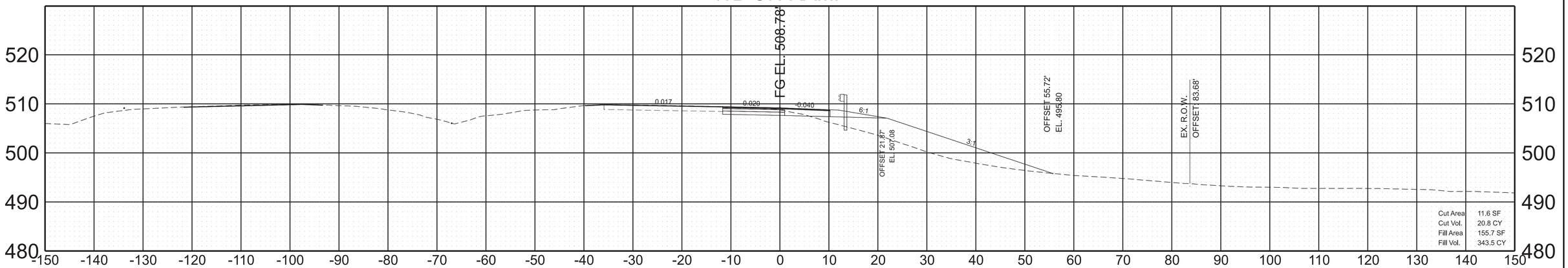
	1"=10' VERT.	END STA. 113+00.00

2/10/2026 10:41:15 AM
C:\PW_WORKINGITN\PARSONS_P0086006GIDMS05796\39I040-SHT-XS-WB ON.DGN

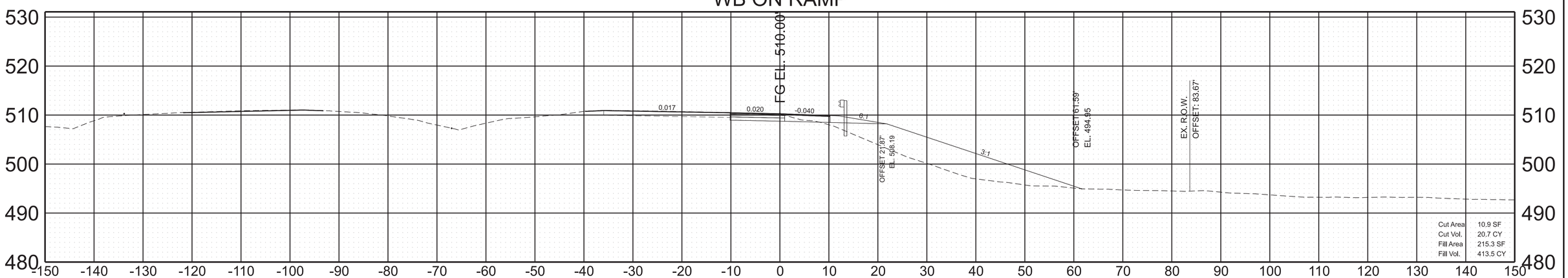
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	31
PIH	2025	39I040-S3-006	37
PS&E	2026	39I040-S3-006	40

WB ON RAMP



STA. 114+00.00

WB ON RAMP



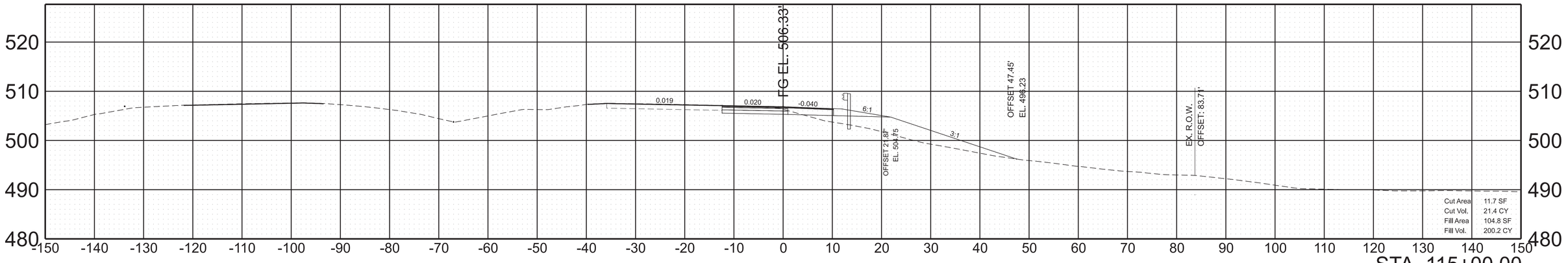
STA. 113+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 113+50.00
	1"=10' VERT.	END STA. 114+00.00

2/10/2026 10:41:18 AM
C:\PW_WORKINGTIN\PARSONS_P008606GIDMS0579639I040-SHT-XS-WB ON.DGN

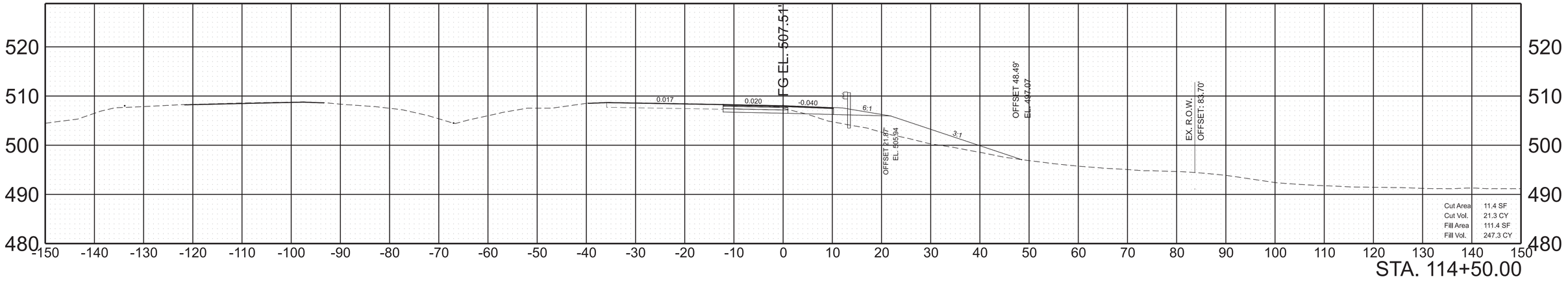
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	32
PIH	2025	39I040-S3-006	38
PS&E	2026	39I040-S3-006	41

WB ON RAMP



STA. 115+00.00

WB ON RAMP



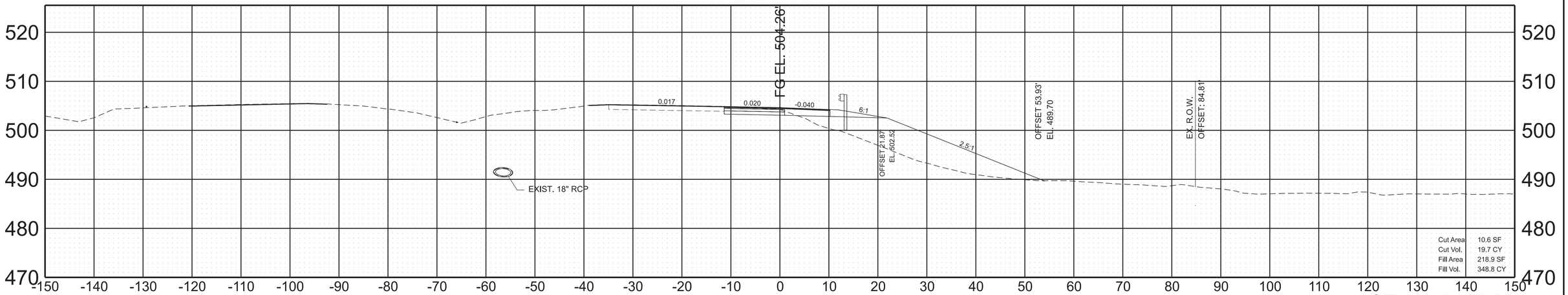
STA. 114+50.00

SCALE:			
	1"=10'	HORIZ.	BEGIN STA. 114+50.00
	1"=10'	VERT.	END STA. 115+00.00

2/10/2026 10:57:50 AM
C:\PW_WORKING\TN\PARSONS_P008606GIDMS05796\39I040-SHT-XS-WB ON.DGN

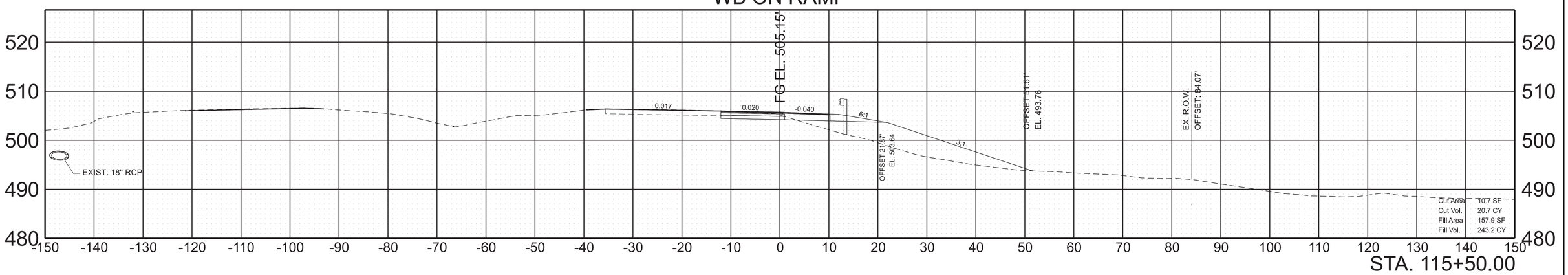
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	33
PIH	2025	39I040-S3-006	39
PS&E	2026	39I040-S3-006	42

WB ON RAMP



STA. 116+00.00

WB ON RAMP



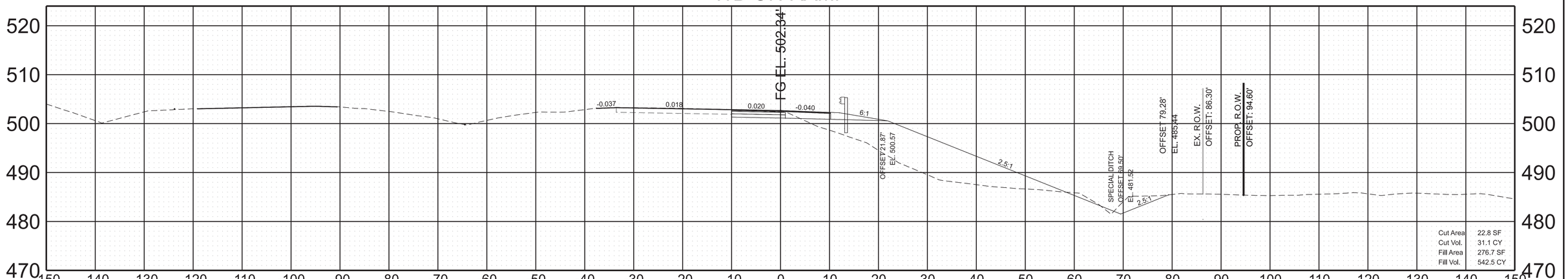
STA. 115+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 115+50.00
	1"=10' VERT.	END STA. 116+00.00

2/10/2026 10:41:26 AM
C:\PW_WORKING\TNP\PARSONS_P0086066GIDMS\05796\39I040-SHT-XS-WB ON.DGN

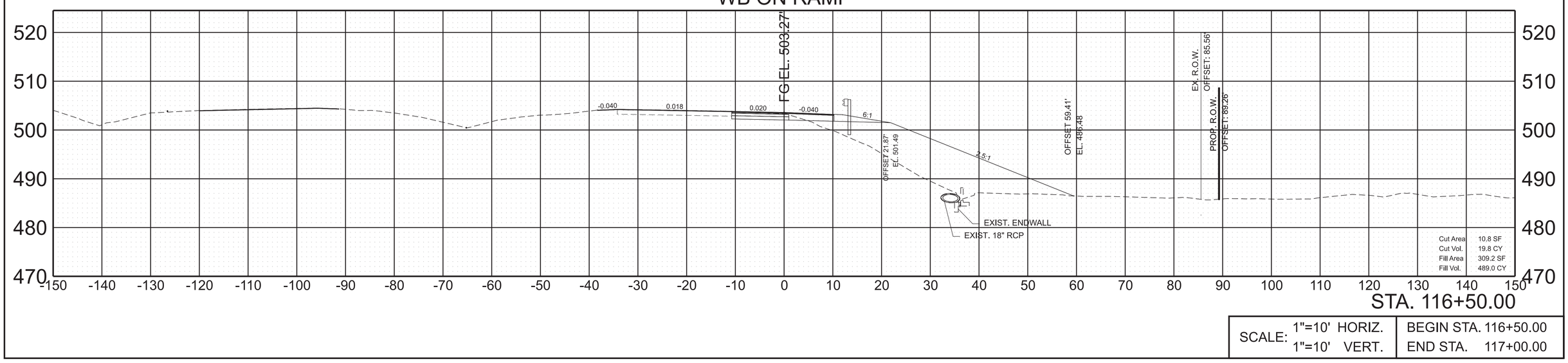
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	34
PIH	2025	39I040-S3-006	40
PS&E	2026	39I040-S3-006	43

WB ON RAMP



STA. 117+00.00

WB ON RAMP



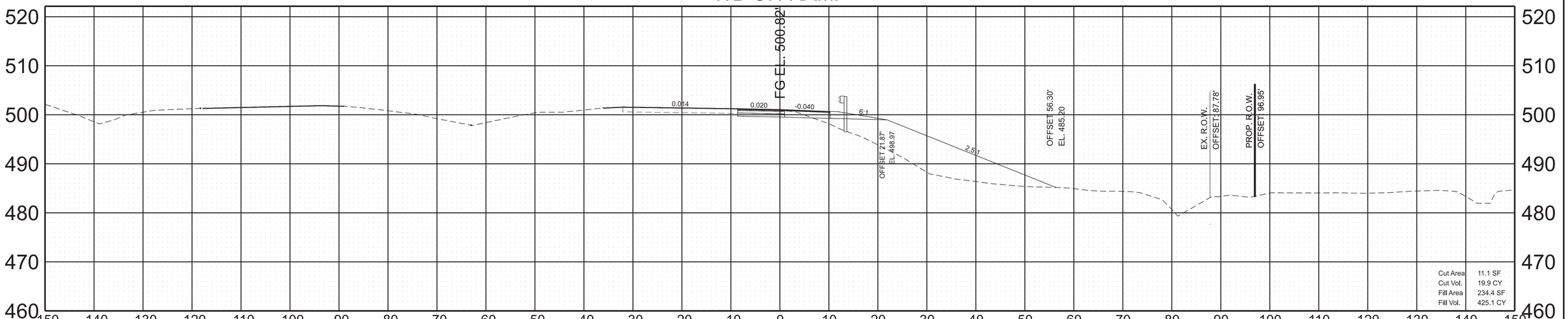
STA. 116+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 116+50.00
	1"=10' VERT.	END STA. 117+00.00

2/10/2026 10:41:30 AM
C:\PW_WORKINGITN\PARSONS_P008606GIDMS0579639I040-SHT-XS-WB ON.DGN

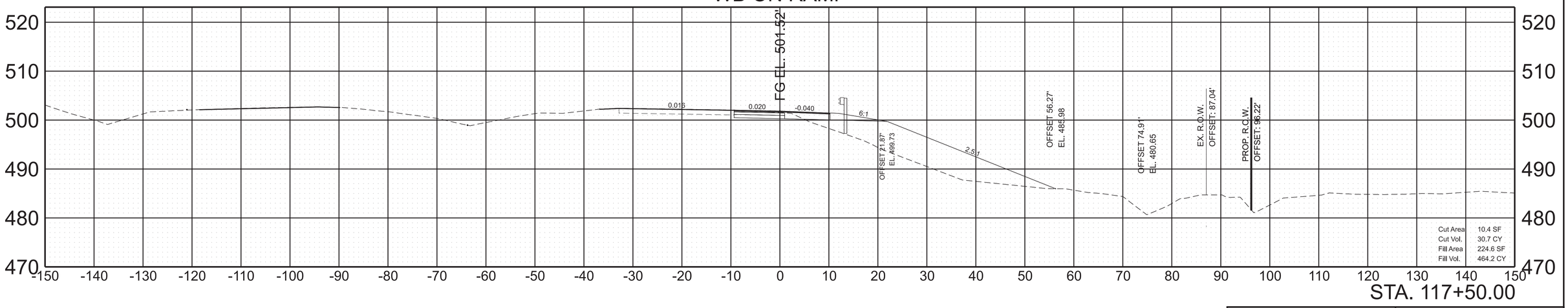
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	35
PIH	2025	39I040-S3-006	41
PS&E	2026	39I040-S3-006	44

WB ON RAMP



STA. 118+00.00

WB ON RAMP



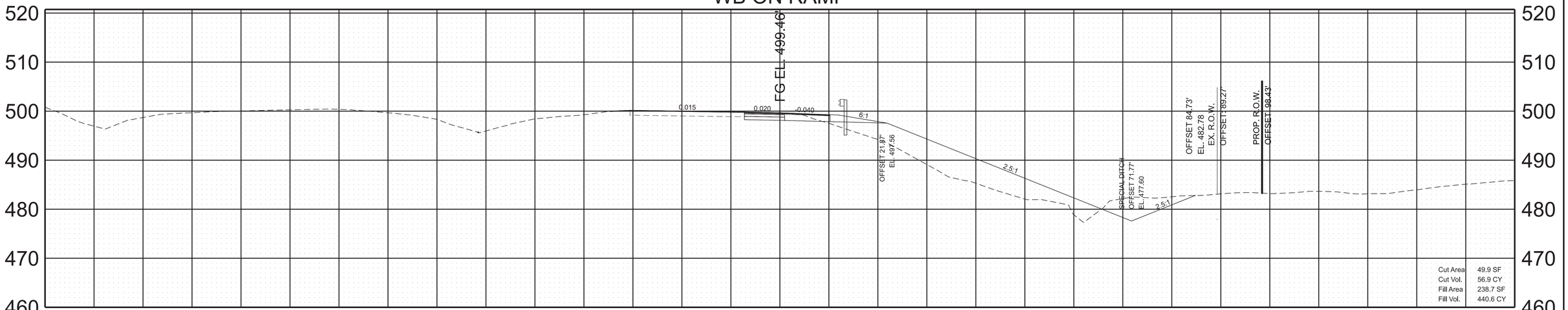
STA. 117+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 117+50.00
	1"=10' VERT.	END STA. 118+00.00

2/10/2026 10:41:33 AM
C:\PW_WORKING\TN\PARSONS_P0086066\GIDMS05796\39I040-SHT-XS-WB ON.DGN

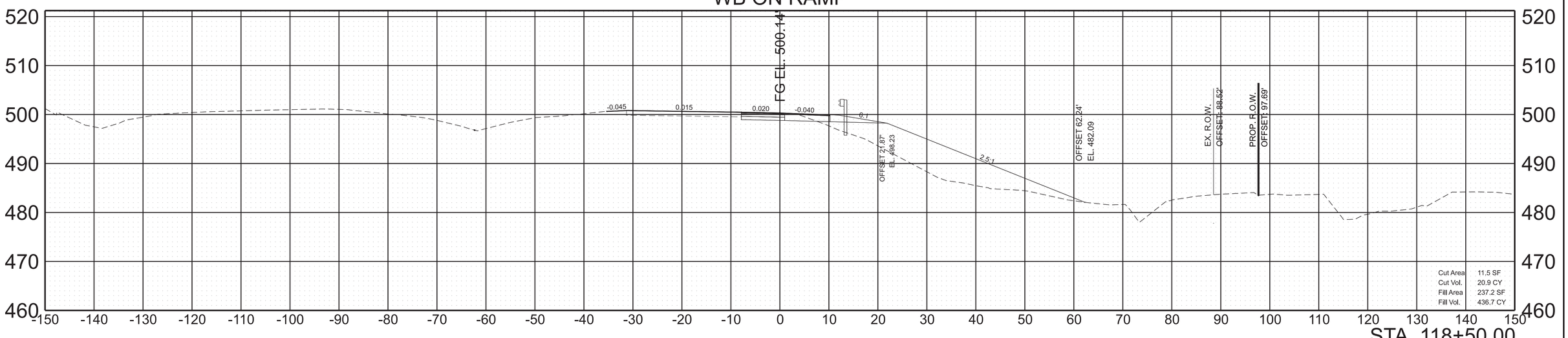
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	36
PIH	2025	39I040-S3-006	42
PS&E	2026	39I040-S3-006	45

WB ON RAMP



STA. 119+00.00

WB ON RAMP



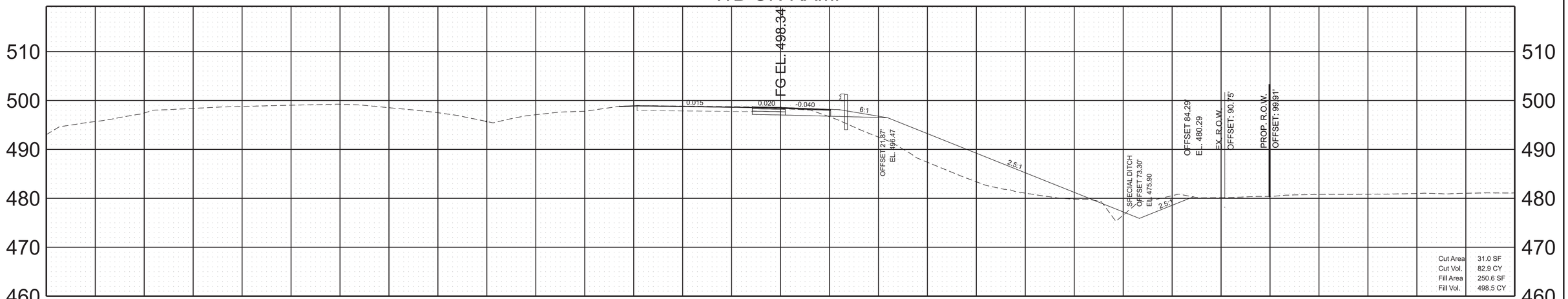
STA. 118+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 118+50.00
	1"=10' VERT.	END STA. 119+00.00

2/10/2026 10:41:37 AM
C:\PW_WORKINGITN\PARSONS_P008606GIDMS0579639I040-SHT-XS-WB ON.DGN

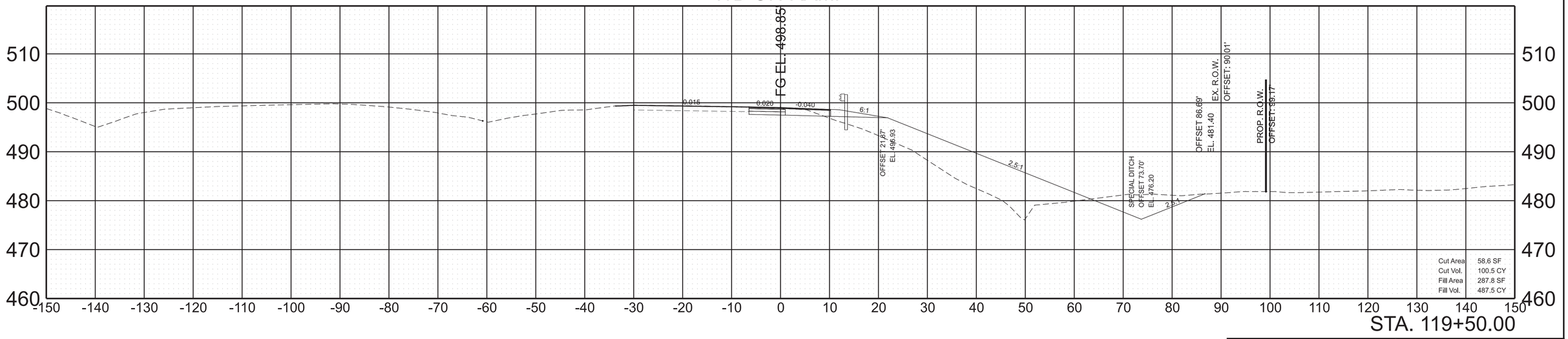
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	37
PIH	2025	39I040-S3-006	43
PS&E	2026	39I040-S3-006	46

WB ON RAMP



STA. 120+00.00

WB ON RAMP



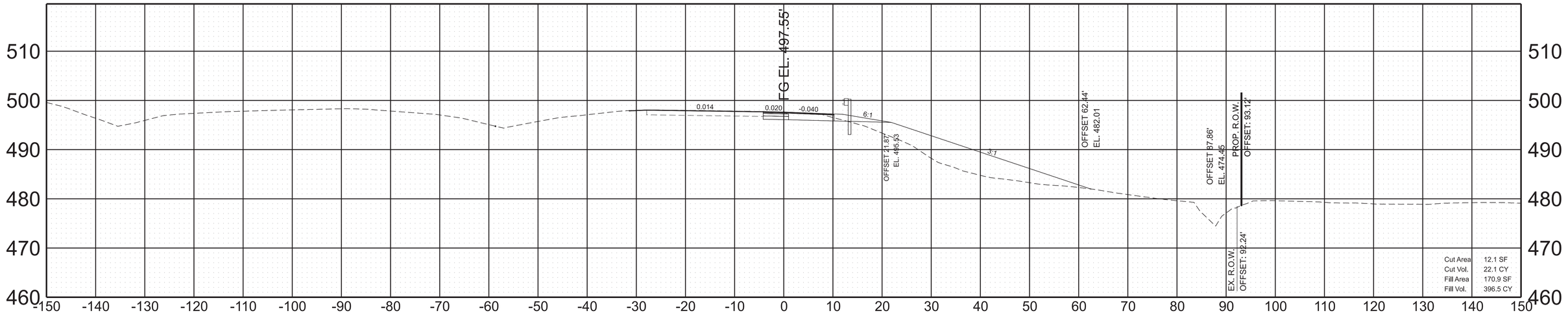
STA. 119+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 119+50.00
	1"=10' VERT.	END STA. 120+00.00

2/10/2026 10:41:40 AM
C:\PW_WORKING\TNI\PARSONS_P0086060IDMS\05796139\I040-SHT-XS-WB ON.DGN

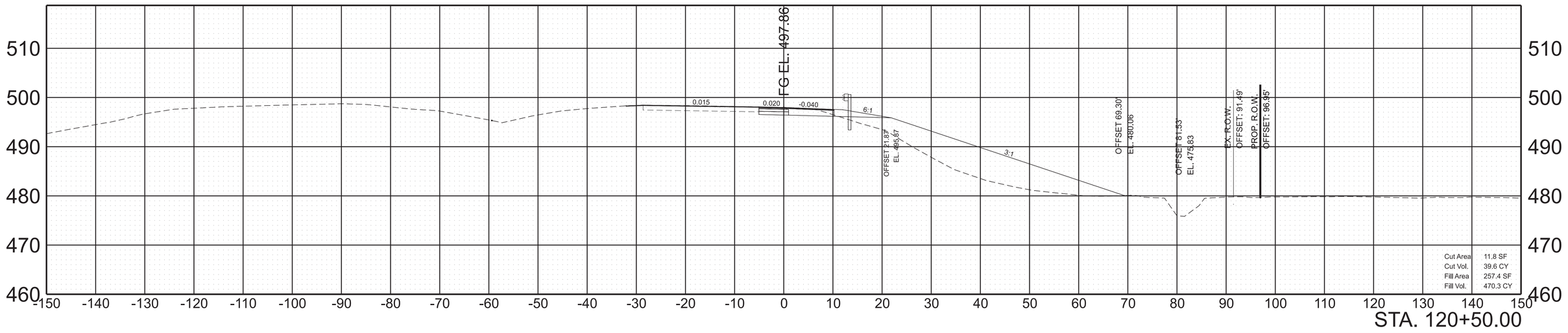
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	38
PIH	2025	39I040-S3-006	44
PS&E	2026	39I040-S3-006	47

WB ON RAMP



STA. 121+00.00

WB ON RAMP



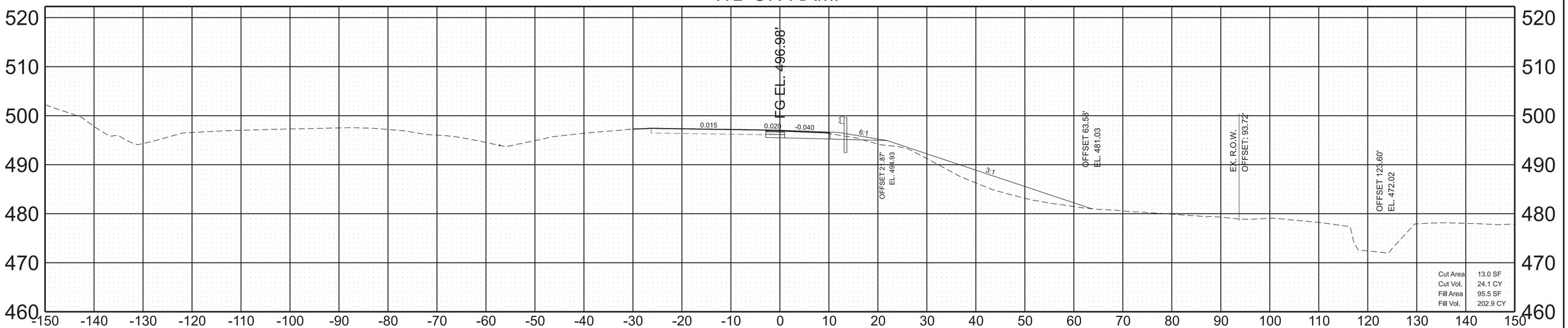
STA. 120+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 120+50.00
	1"=10' VERT.	END STA. 121+00.00

2/10/2026 10:41:45 AM
C:\PW_WORKING\TN\PARSONS_P008606GIDMS057963\39I040-SHT-XS-WB ON.DGN

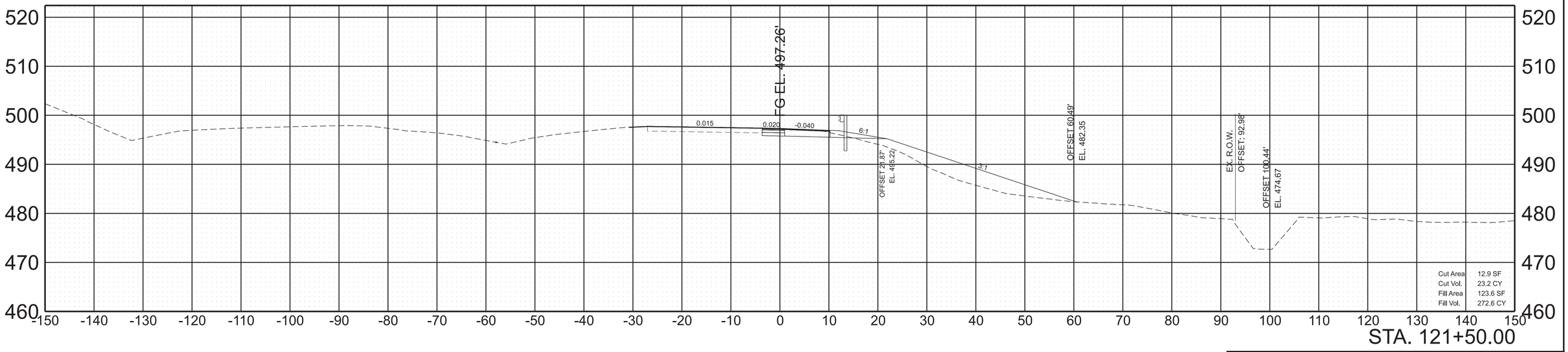
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	39
PIH	2025	39I040-S3-006	45
PS&E	2026	39I040-S3-006	48

WB ON RAMP



STA. 122+00.00

WB ON RAMP

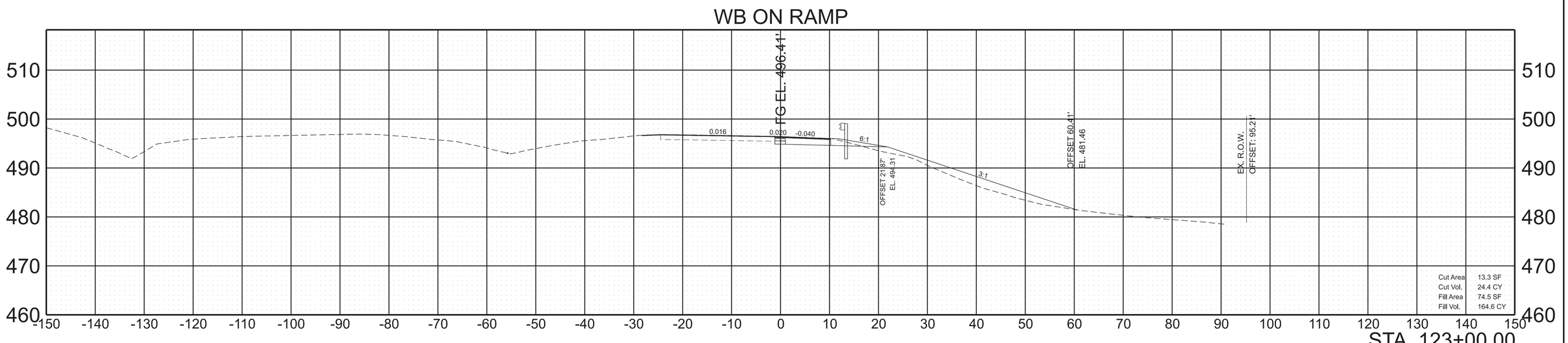


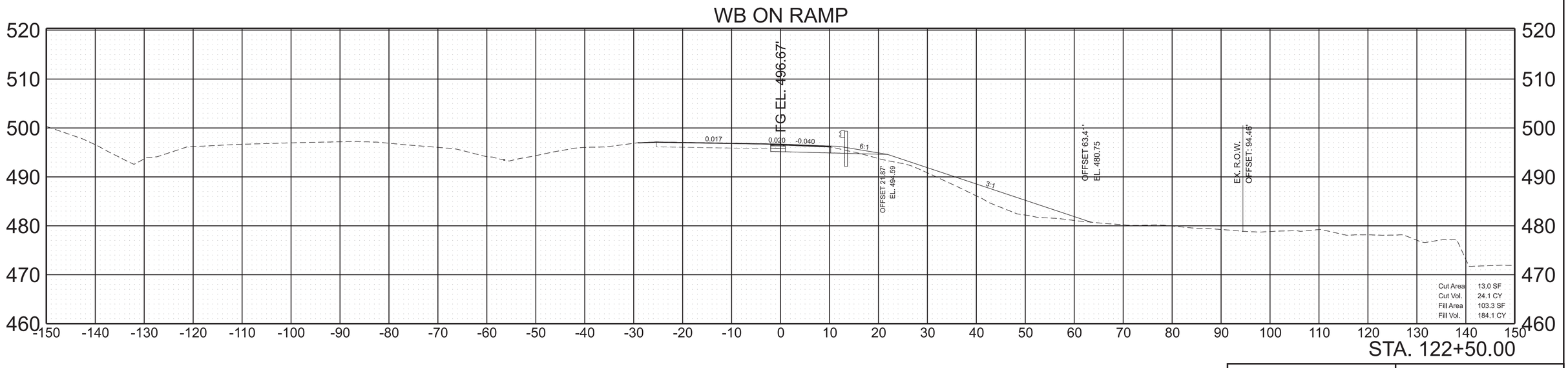
STA. 121+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 121+50.00
	1"=10' VERT.	END STA. 122+00.00

2/10/2026 10:41:48 AM
C:\PW_WORKING\TNI\PARSONS_P008606GIDMS0579639I040-SHT-XS-WB ON.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	40
PIH	2025	39I040-S3-006	46
PS&E	2026	39I040-S3-006	49





SCALE:			
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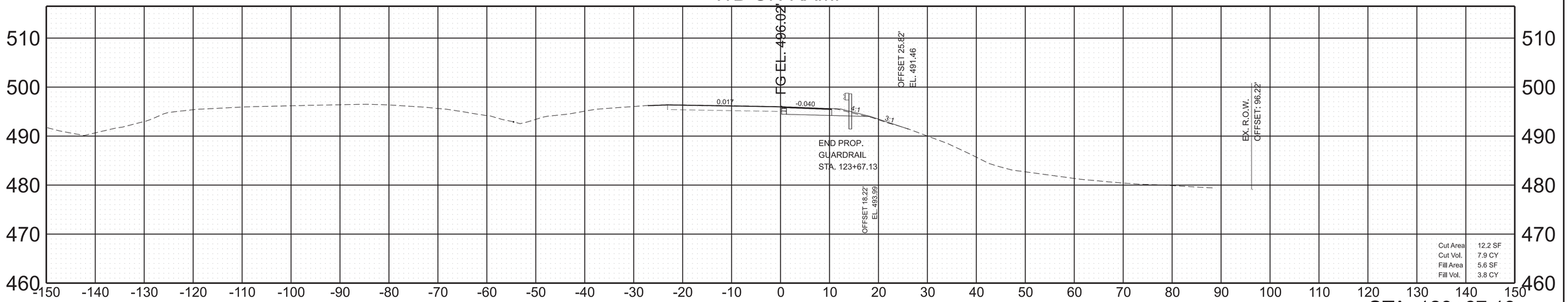
	1"=10'	VERT.	END STA. 123+00.00

2/10/2026 10:41:52 AM
C:\PW_WORKING\TNIPARSONS_P008606GIDMSD57796\39I040-SHT-XS-WB ON.DGN

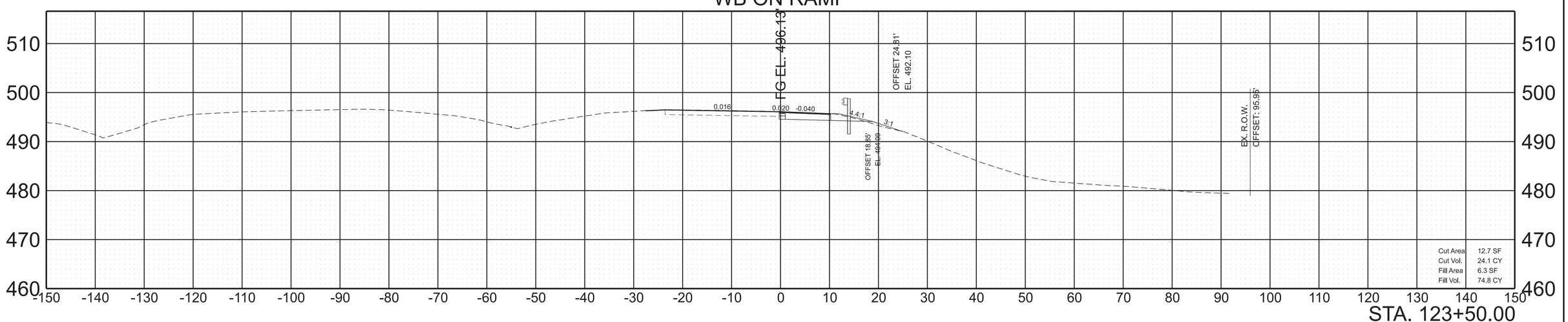
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	41
PIH	2025	39I040-S3-006	47
PS&E	2026	39I040-S3-006	50

WB ON RAMP



STA. 123+67.13

WB ON RAMP

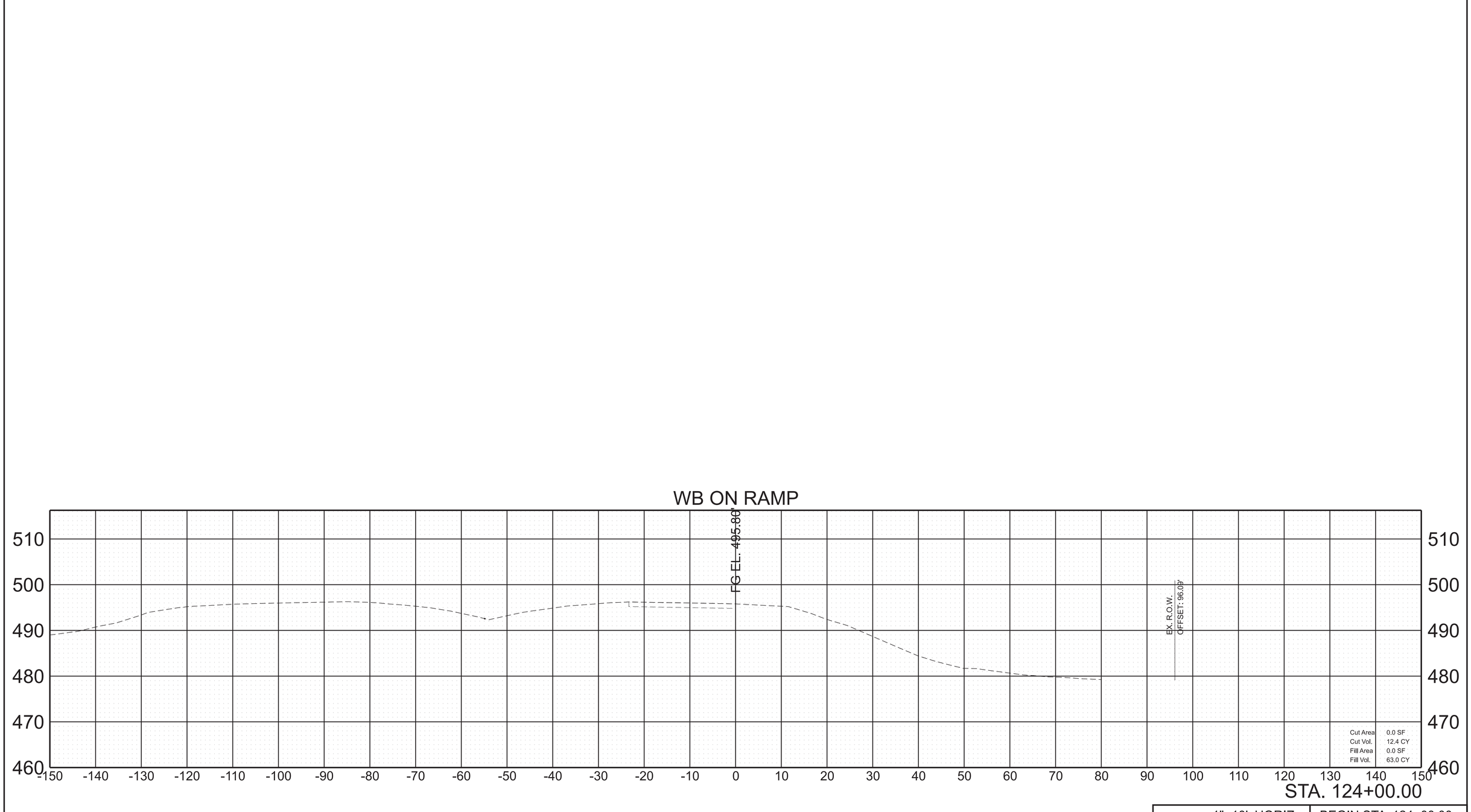


STA. 123+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 123+50.00
	1"=10' VERT.	END STA. 123+67.13

2/10/2026 10:41:55 AM
C:\PW_WORKING\TNIPARSONS_P008606GIDMS\05796\39I040-SHT-XS-WB ON.DGN

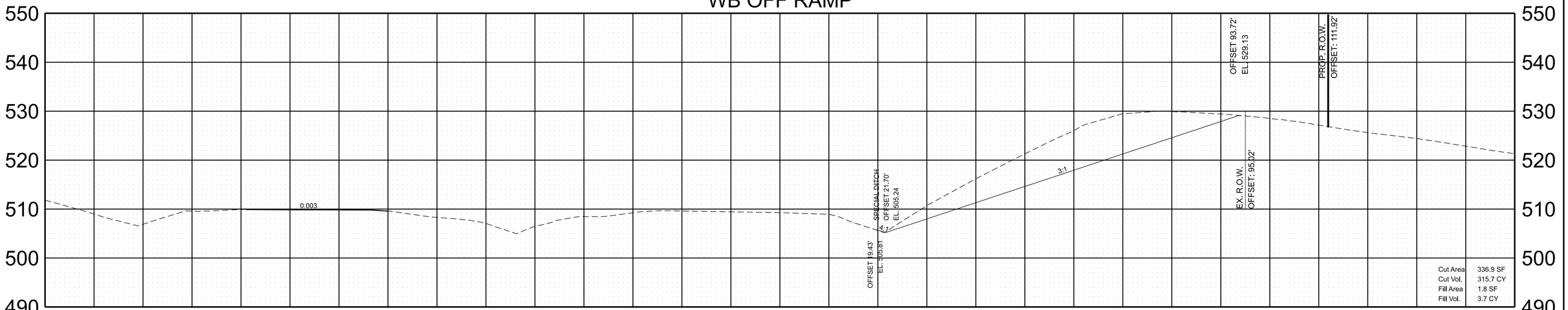
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	42
PIH	2025	39I040-S3-006	48
PS&E	2026	39I040-S3-006	51

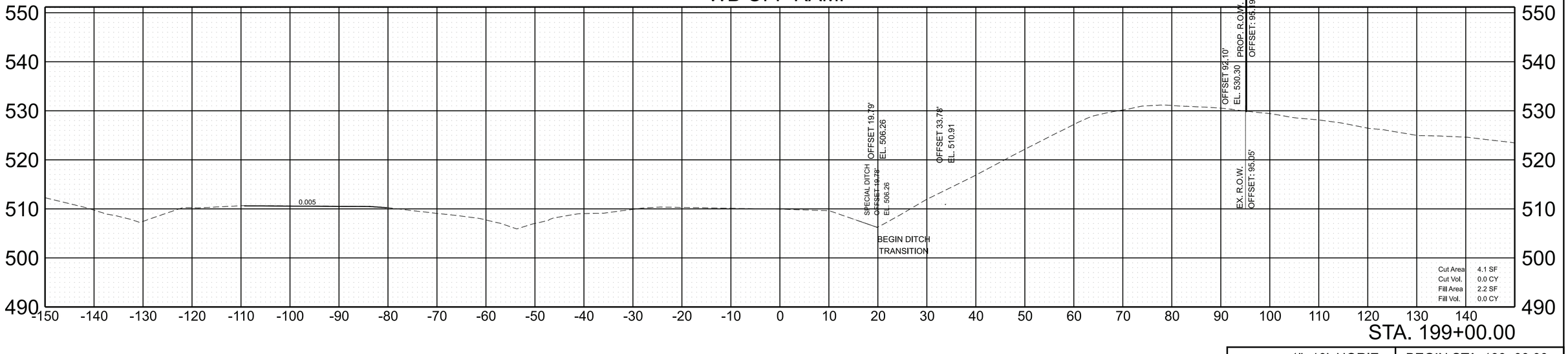


SCALE:	1"=10' HORIZ.	BEGIN STA. 124+00.00
	1"=10' VERT.	END STA. 124+00.00

2/10/2026 10:41:58 AM
C:\PW_WORKING\TNPARSONS_P0086066\DMS05796\39I040-SHT-XS-WB ON.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	43
PIH	2025	39I040-S3-006	49
PS&E	2026	39I040-S3-006	52



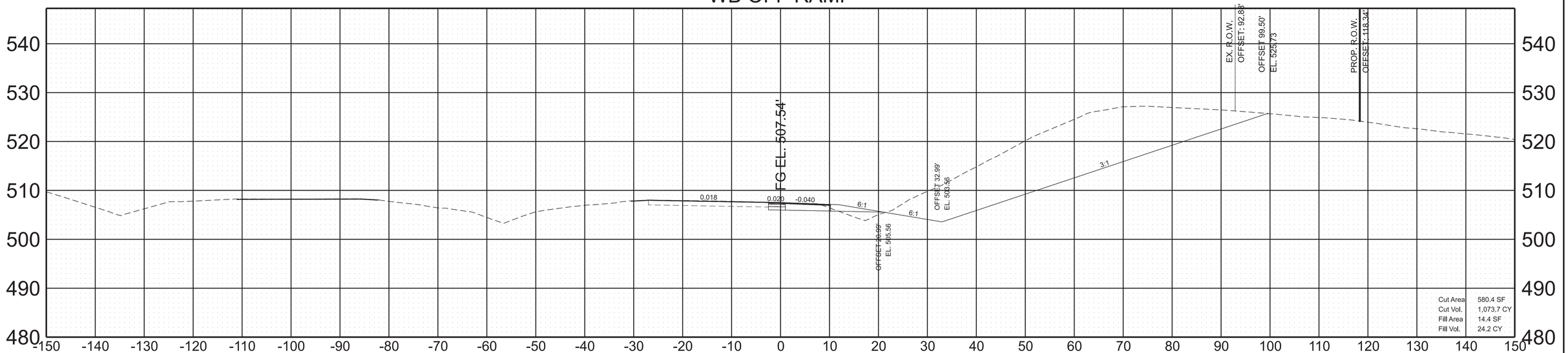


SCALE:	1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 199+00.00 END STA. 199+50.00

2/10/2026 10:42:20 AM
C:\PW_WORKINGITN\PARSONS_P008606GIDMS0579639I040-SHT-XS-WB OFF.DGN

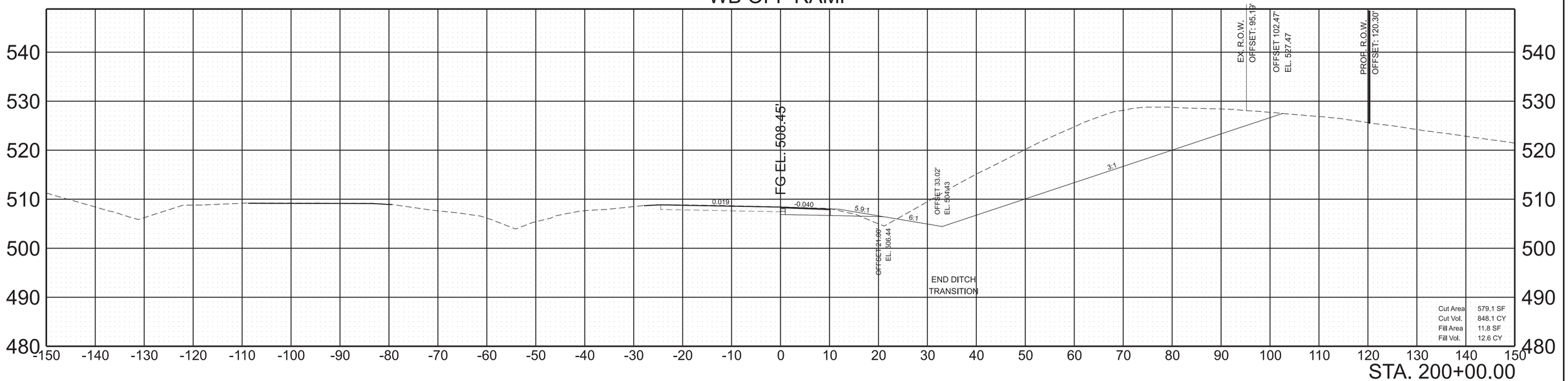
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	44
PIH	2025	39I040-S3-006	50
PS&E	2026	39I040-S3-006	53

WB OFF RAMP



STA. 200+50.00

WB OFF RAMP



STA. 200+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 200+00.00
	1"=10' VERT.	END STA. 200+50.00

2/10/2026 10:42:23 AM
C:\PW_WORKINGITN\PARSONS_P0086006GIDMS05796\39I040-SHT-XS-WB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	45
PIH	2025	39I040-S3-006	51
PS&E	2026	39I040-S3-006	54

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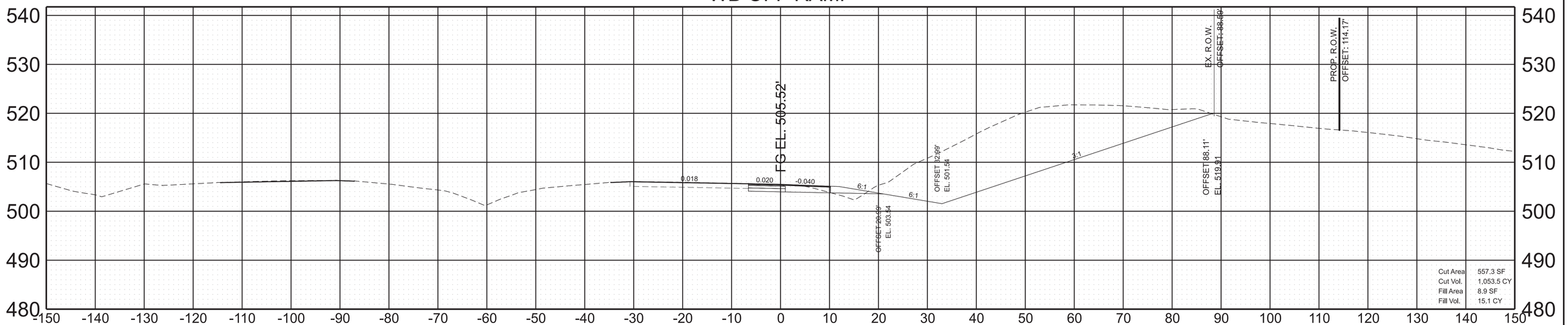
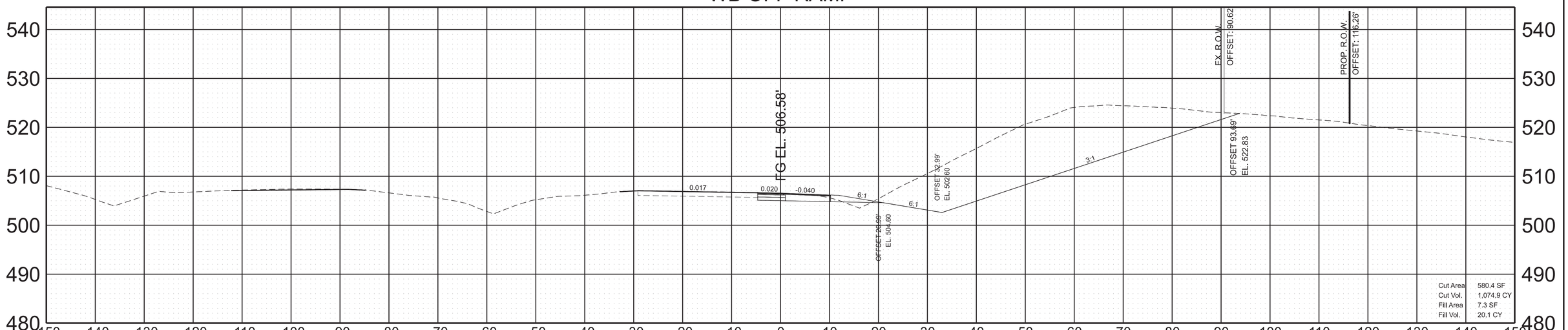


STA. 201+50.00

WB OFF RAMP



STA. 201+00.00

SCALE:		
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	1"=10' VERT.	END STA. 201+50.00

2/10/2026 10:42:27 AM
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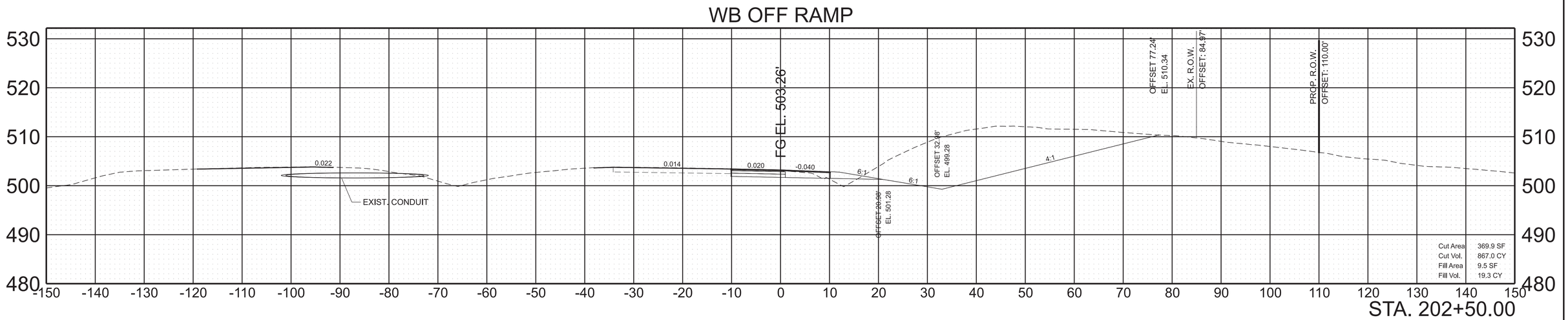
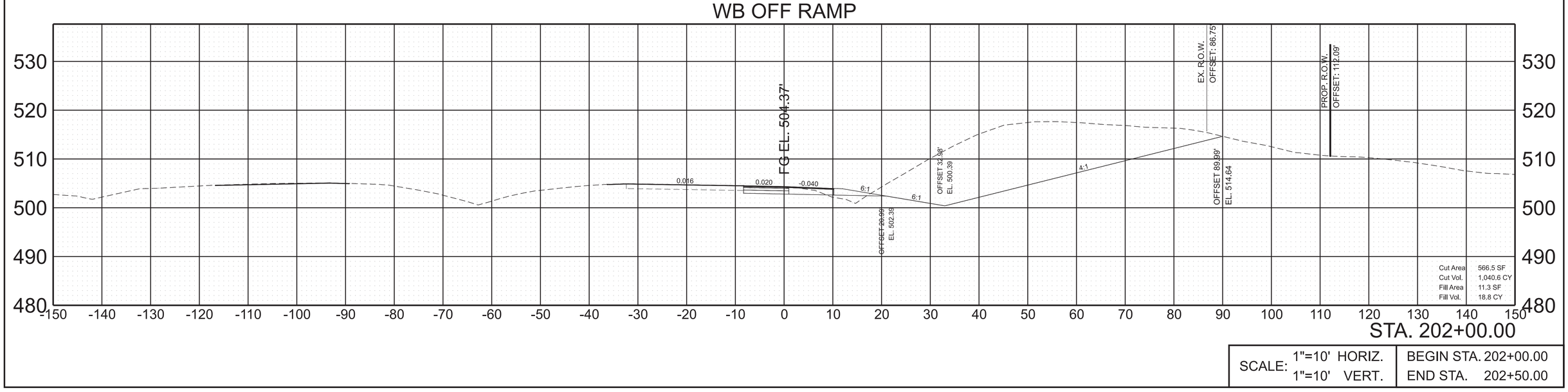
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	46
PIH	2025	39I040-S3-006	52
PS&E	2026	39I040-S3-006	55



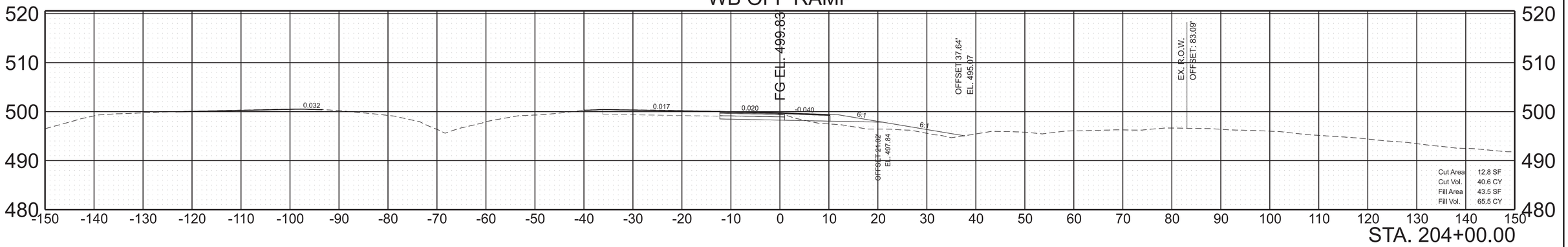


SCALE:	1"=10' HORIZ.	BEGIN STA. 202+00.00
	1"=10' VERT.	END STA. 202+50.00

2/10/2026 10:42:31 AM
C:\PW_WORKING\TN\PARSONS_P008606GIDMS05796\39I040-SHT-XS-WB OFF.DGN

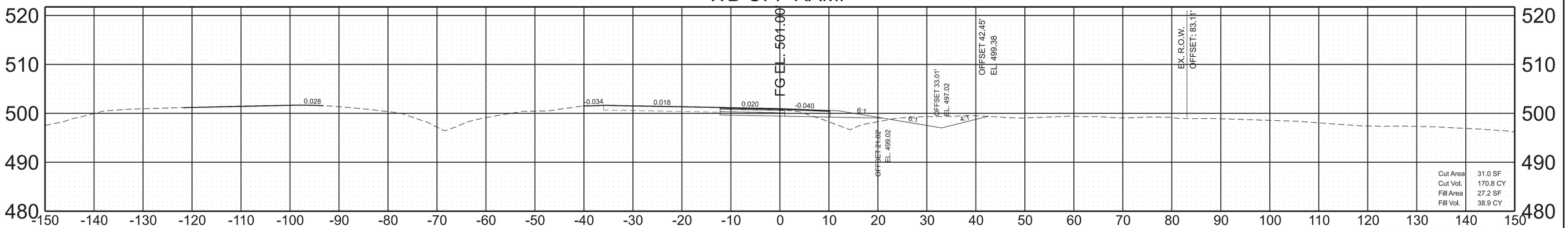
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	47
PIH	2025	39I040-S3-006	53
PS&E	2026	39I040-S3-006	56

WB OFF RAMP



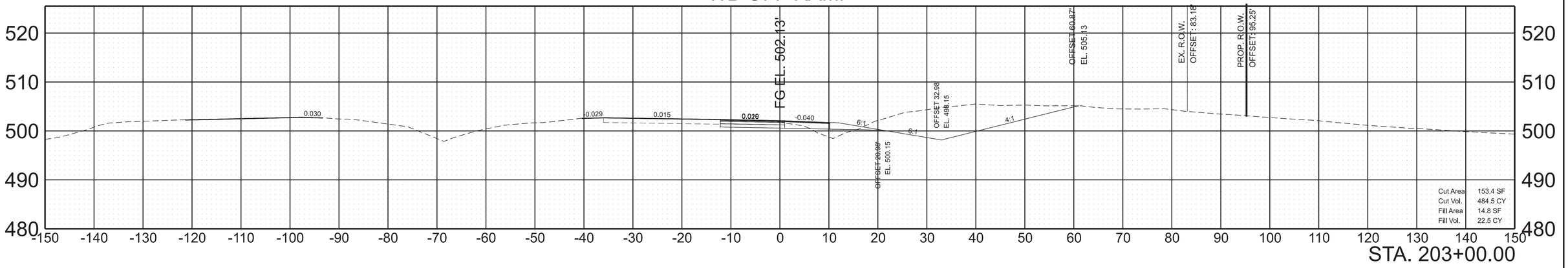
STA. 204+00.00

WB OFF RAMP



STA. 203+50.00

WB OFF RAMP



STA. 203+00.00

SCALE:		
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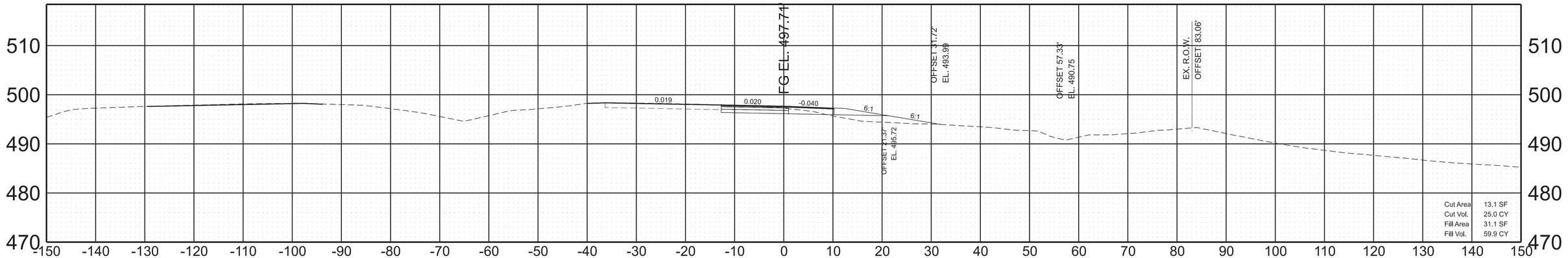
	1"=10' VERT.	END STA. 204+00.00

2/10/2026 10:42:35 AM
C:\PW_WORKINGITN\PARSONS_P0086066GIDMS05796\39I040-SHT-XS-WB OFF.DGN

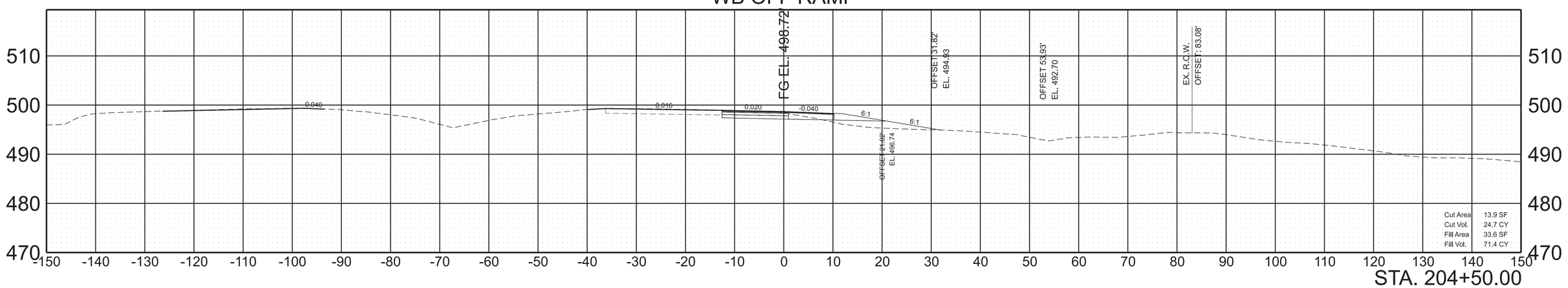
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	48
PIH	2025	39I040-S3-006	54
PS&E	2026	39I040-S3-006	57

WB OFF RAMP



STA. 205+00.00

WB OFF RAMP



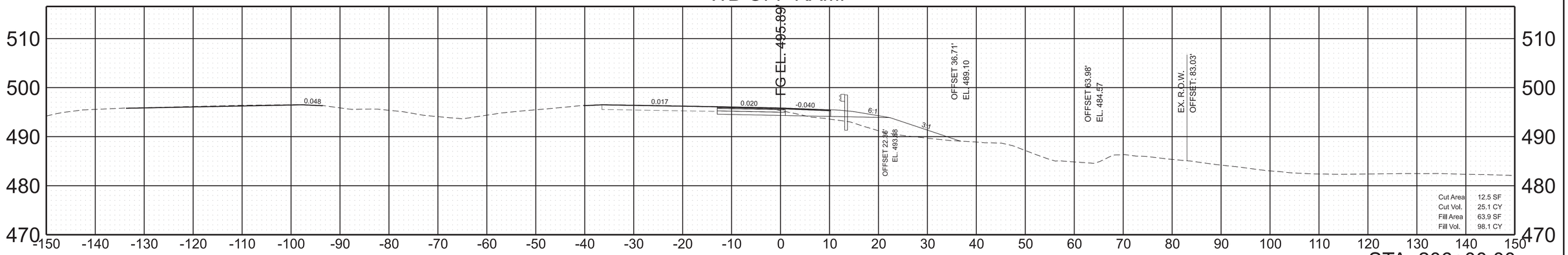
STA. 204+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 204+50.00
	1"=10' VERT.	END STA. 205+00.00

2/10/2026 10:42:38 AM
C:\PW_WORKING\TNI\PARSONS_P008606GIDMS0579639I040-SHT-XS-WB OFF.DGN

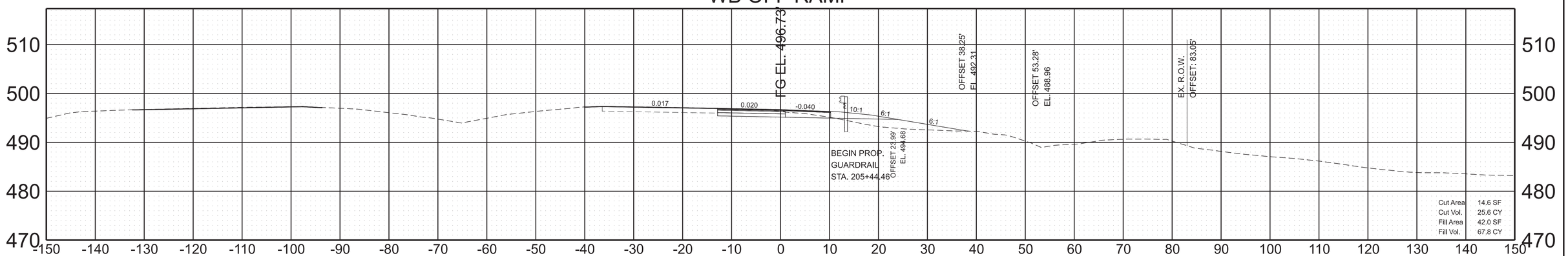
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	49
PIH	2025	39I040-S3-006	55
PS&E	2026	39I040-S3-006	58

WB OFF RAMP



STA. 206+00.00

WB OFF RAMP



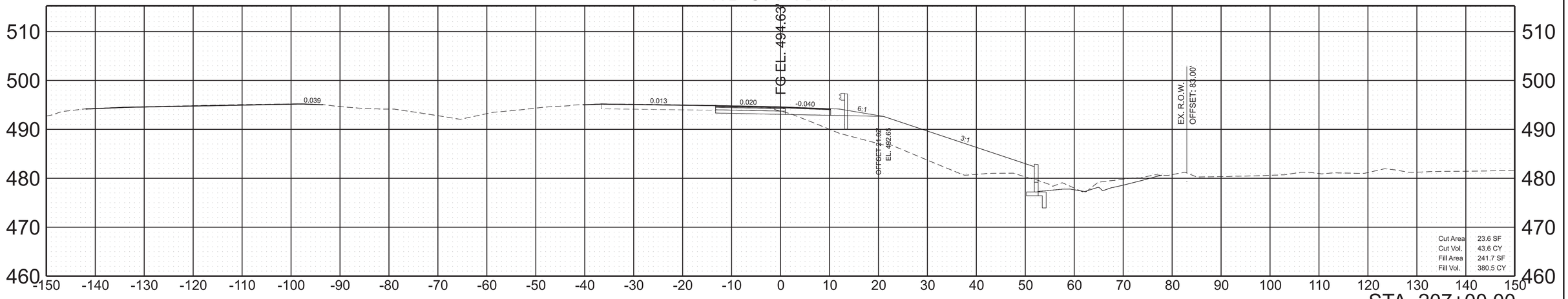
STA. 205+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 205+50.00
	1"=10' VERT.	END STA. 206+00.00

2/10/2026 10:42:42 AM
C:\PW_WORKING\TNIPARSONS_P008606GIDMS057961391040-SHT-XS-WB OFF.DGN

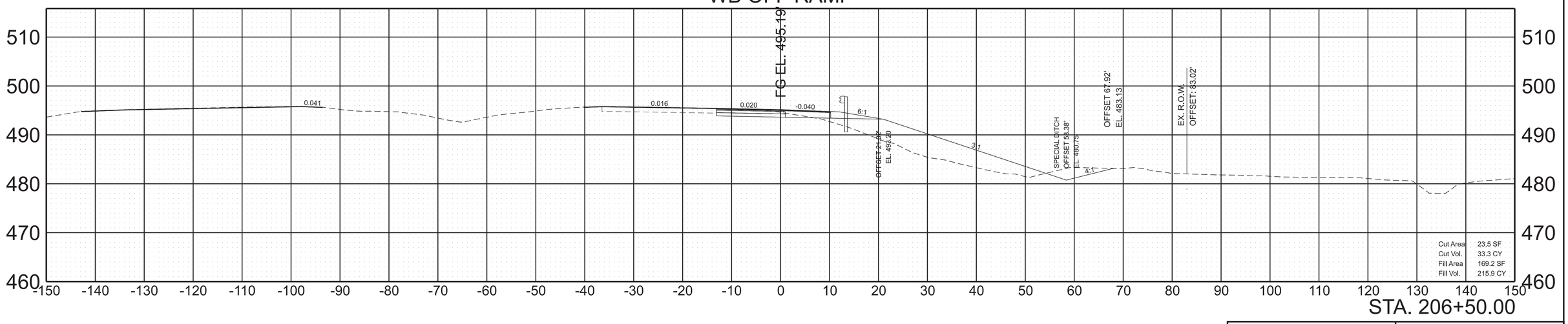
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	50
PIH	2025	39I040-S3-006	56
PS&E	2026	39I040-S3-006	59

WB OFF RAMP



STA. 207+00.00

WB OFF RAMP



STA. 206+50.00

SCALE:			
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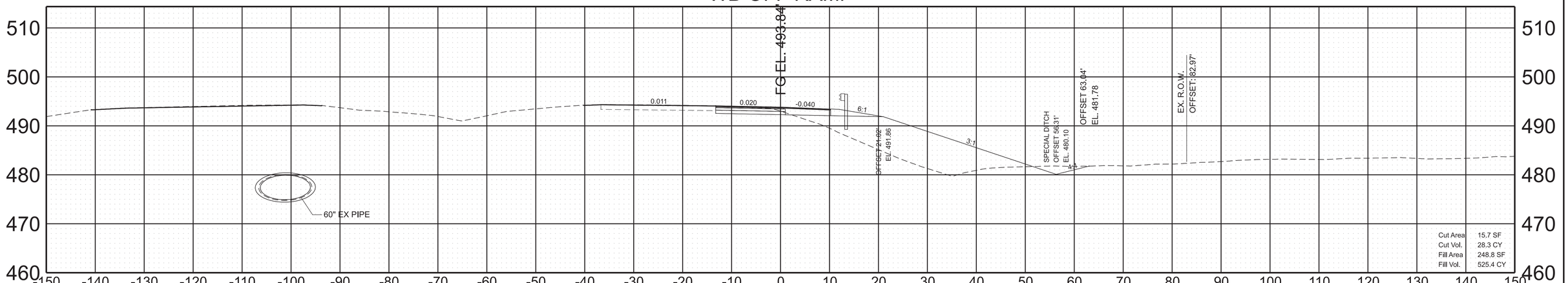
	1"=10'	VERT.	END STA. 207+00.00

2/10/2026 10:42:46 AM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-WB OFF.DGN

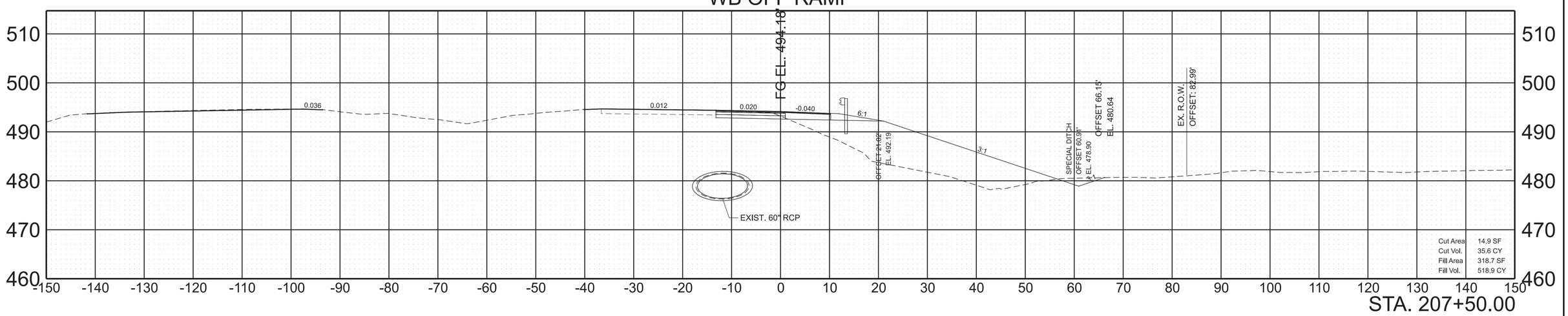
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	51
PIH	2025	39I040-S3-006	57
PS&E	2026	39I040-S3-006	60

WB OFF RAMP



STA. 208+00.00

WB OFF RAMP



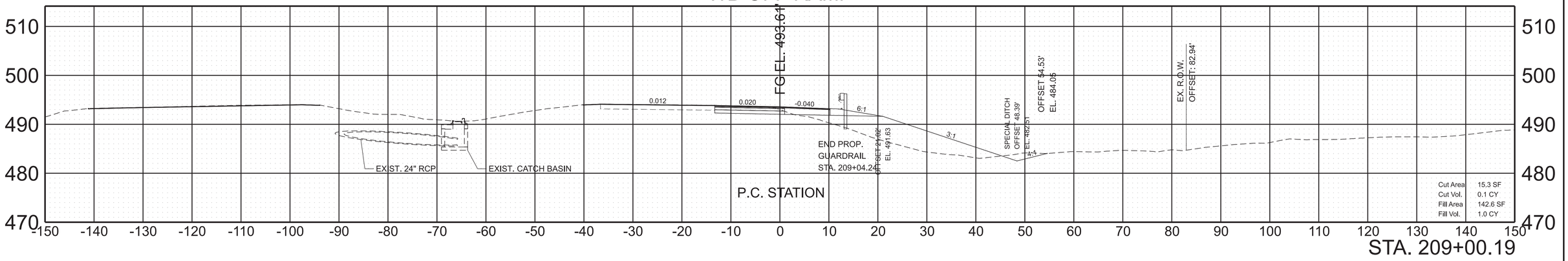
STA. 207+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 207+50.00
	1"=10' VERT.	END STA. 208+00.00

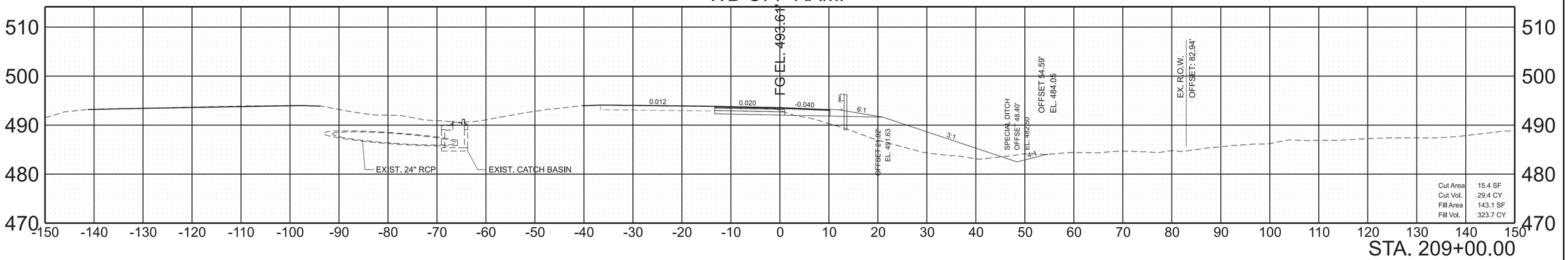
2/10/2026 10:42:50 AM
C:\PW_WORKING\TNIPARSONS_P008606GIDMS0579639I040-SHT-XS-WB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	52
PIH	2025	39I040-S3-006	58
PS&E	2026	39I040-S3-006	61

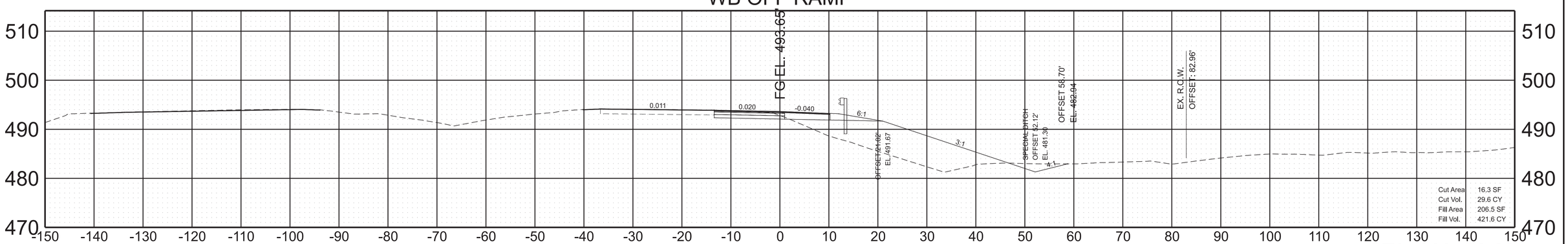
WB OFF RAMP



WB OFF RAMP



WB OFF RAMP



SCALE:		
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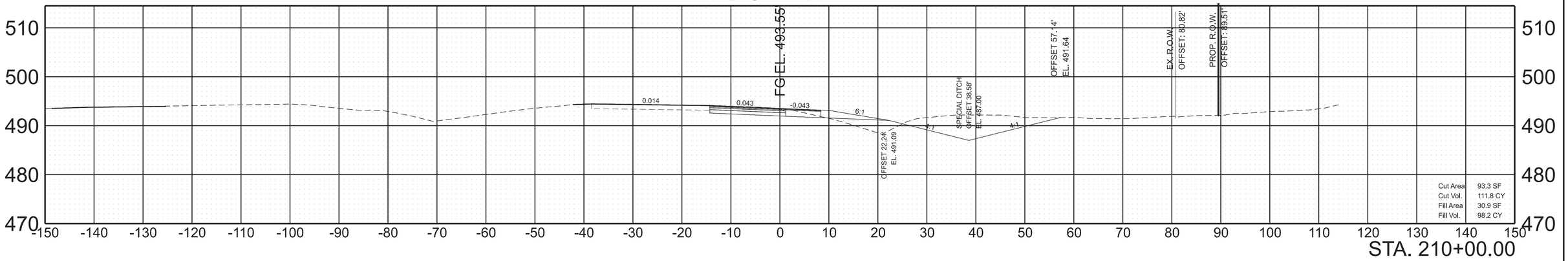
	1"=10' VERT.	END STA. 209+00.19

2/10/2026 10:42:54 AM
C:\PW_WORKINGITN\PARSONS_P0086006GIDMS05796\39I040-SHT-XS-WB OFF.DGN

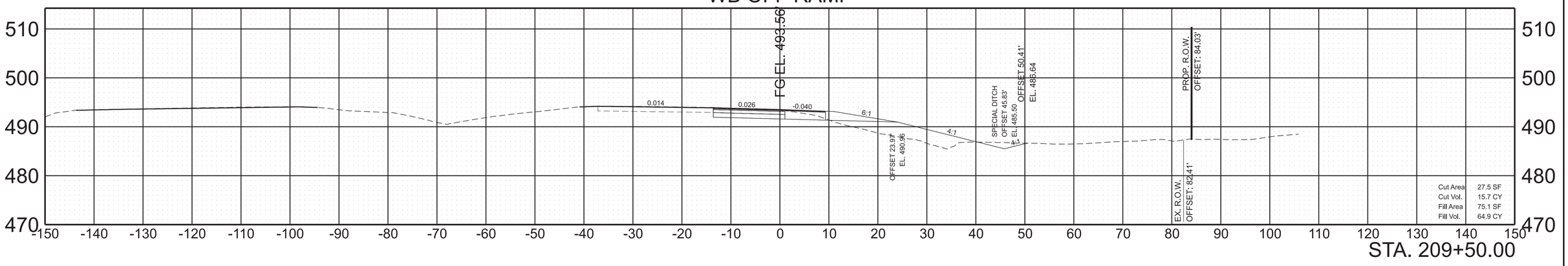
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	53
PIH	2025	39I040-S3-006	59
PS&E	2026	39I040-S3-006	62

WB OFF RAMP



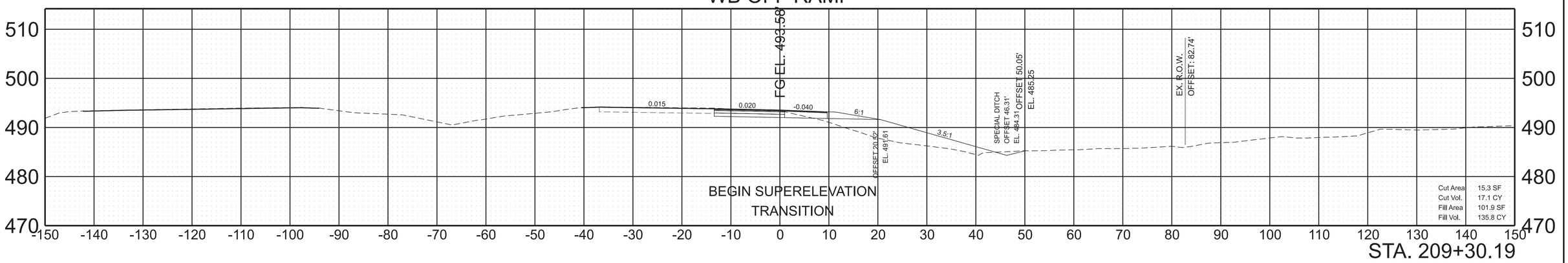
STA. 210+00.00

WB OFF RAMP



STA. 209+50.00

WB OFF RAMP



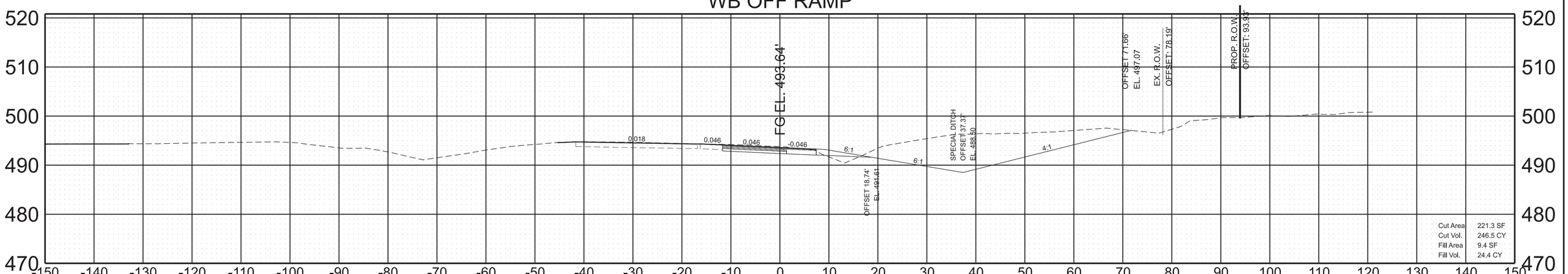
STA. 209+30.19

SCALE:	1"=10' HORIZ.	BEGIN STA. 209+30.19
	1"=10' VERT.	END STA. 210+00.00

2/10/2026 10:43:00 AM
C:\PW_WORKING\TNI\PARSONS_P008606GIDMS057961391040-SHT-XS-WB OFF.DGN

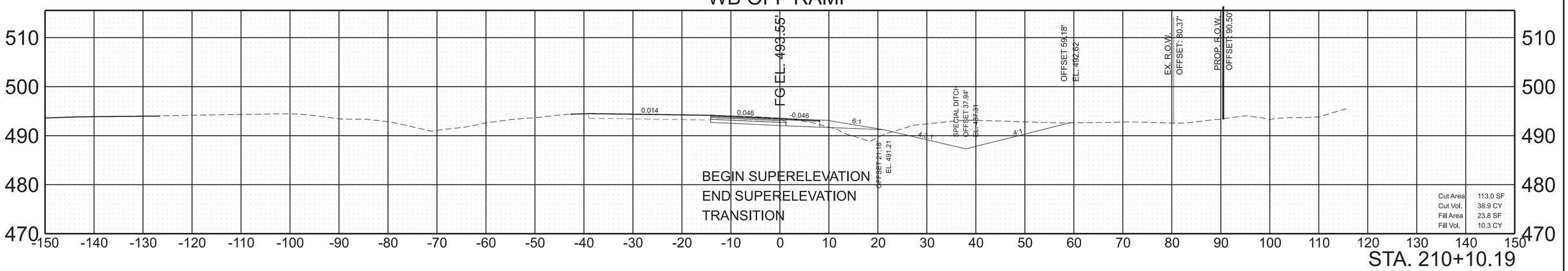
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	54
PIH	2025	39I040-S3-006	60
PS&E	2026	39I040-S3-006	63

WB OFF RAMP



STA. 210+50.00

WB OFF RAMP



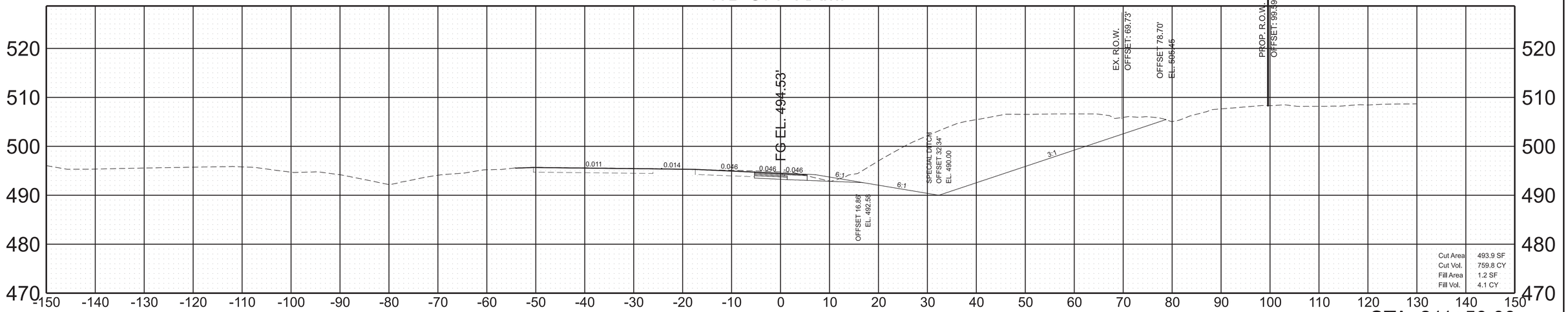
STA. 210+10.19

SCALE:	1"=10' HORIZ.	BEGIN STA. 210+10.19
	1"=10' VERT.	END STA. 210+50.00

2/10/2026 10:43:03 AM
C:\PW_WORKING\TNIPARSONS_P008606GIDMS057961391040-SHT-XS-WB OFF.DGN

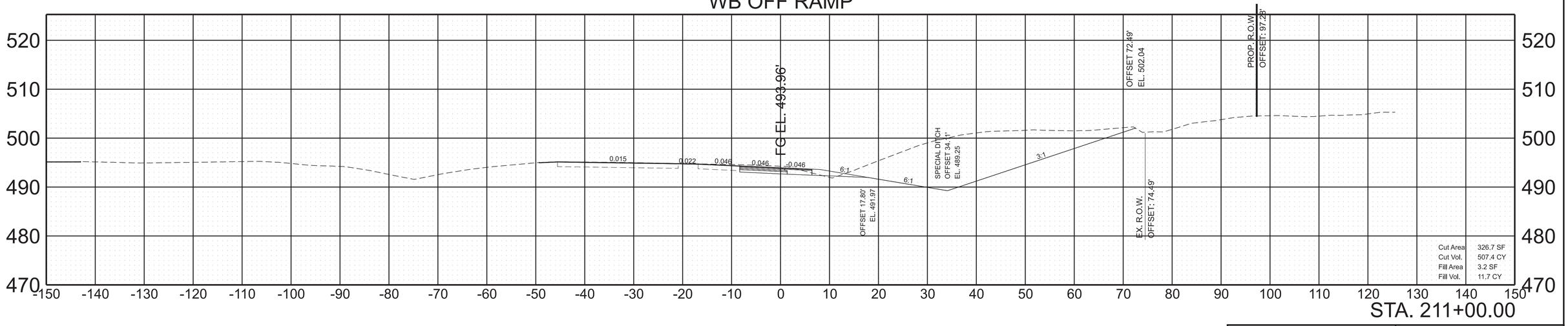
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	55
PIH	2025	39I040-S3-006	61
PS&E	2026	39I040-S3-006	64

WB OFF RAMP



STA. 211+50.00

WB OFF RAMP



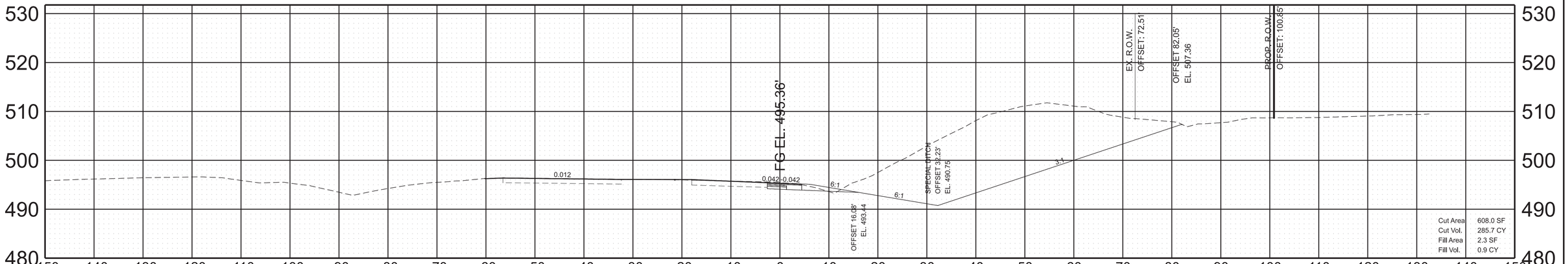
STA. 211+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 211+00.00
	1"=10' VERT.	END STA. 211+50.00

2/10/2026 10:43:07 AM
C:\PW_WORKING\TNPARSONS_P0086066\DMS05796\39I040-SHT-XS-WB OFF.DGN

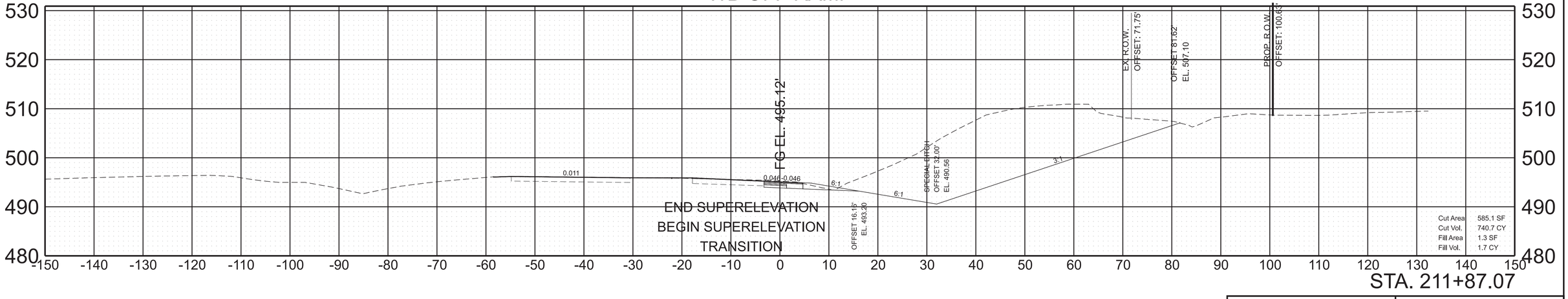
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	56
PIH	2025	39I040-S3-006	62
PS&E	2026	39I040-S3-006	65

WB OFF RAMP



STA. 212+00.00

WB OFF RAMP



STA. 211+87.07

SCALE:			
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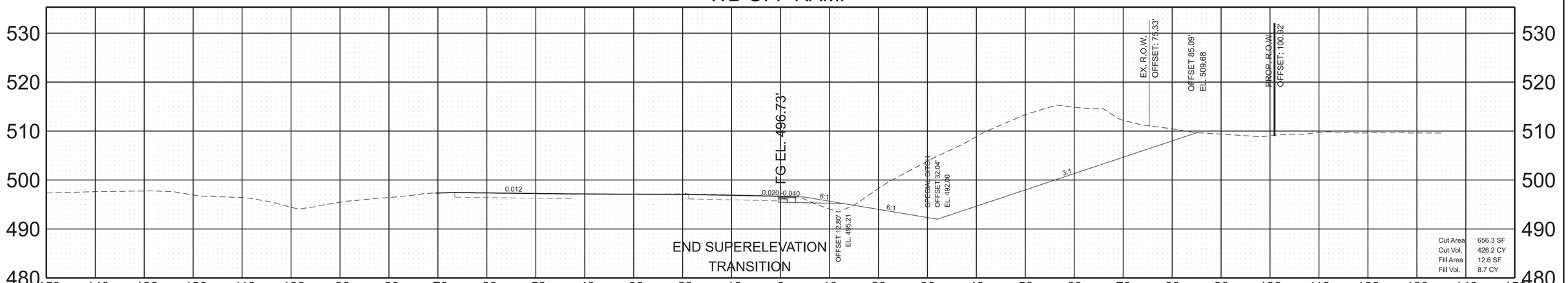
	1"=10'	VERT.	END STA. 212+00.00

2/10/2026 10:43:11 AM
C:\PW_WORKING\TNPARSONS_P0086066\DMS05796\39I040-SHT-XS-WB OFF.DGN

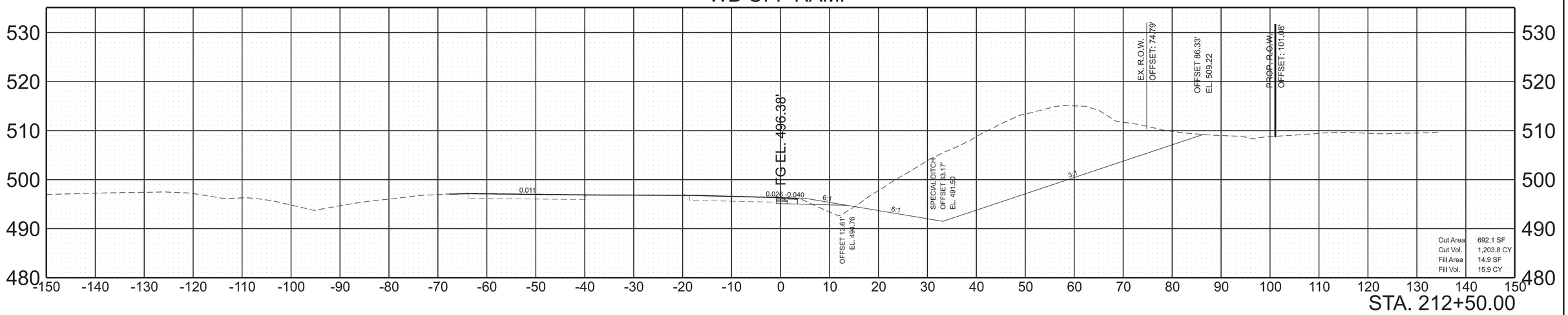
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	57
PIH	2025	39I040-S3-006	63
PS&E	2026	39I040-S3-006	66

WB OFF RAMP



STA. 212+67.07

WB OFF RAMP



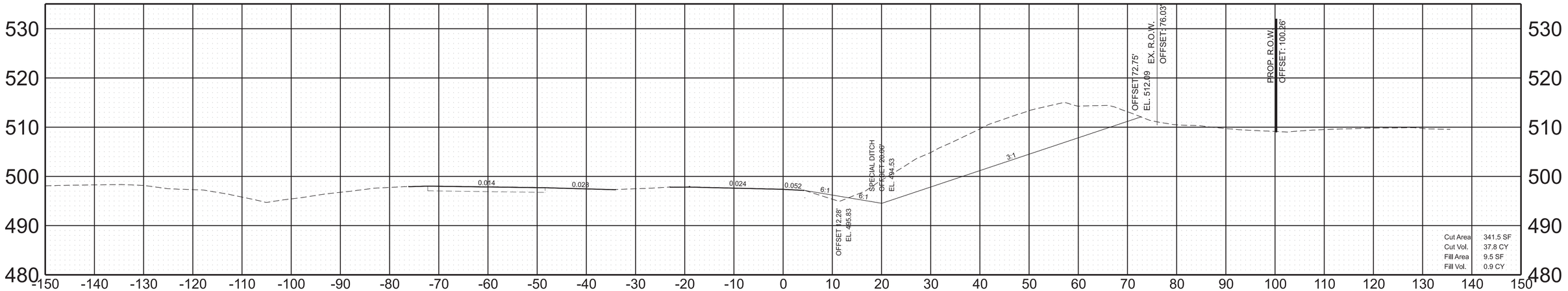
STA. 212+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 212+50.00
	1"=10' VERT.	END STA. 212+67.07

2/10/2026 10:43:14 AM
C:\PW_WORKING\TNIPARSONS_P008606GIDMS05796\39I040-SHT-XS-WB OFF.DGN

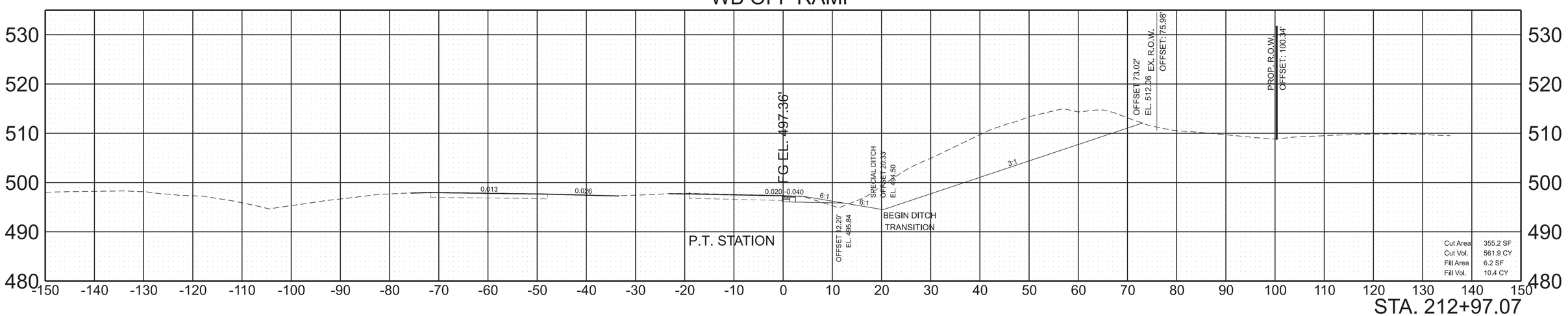
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	58
PIH	2025	39I040-S3-006	64
PS&E	2026	39I040-S3-006	67

WB OFF RAMP



STA. 213+00.00

WB OFF RAMP

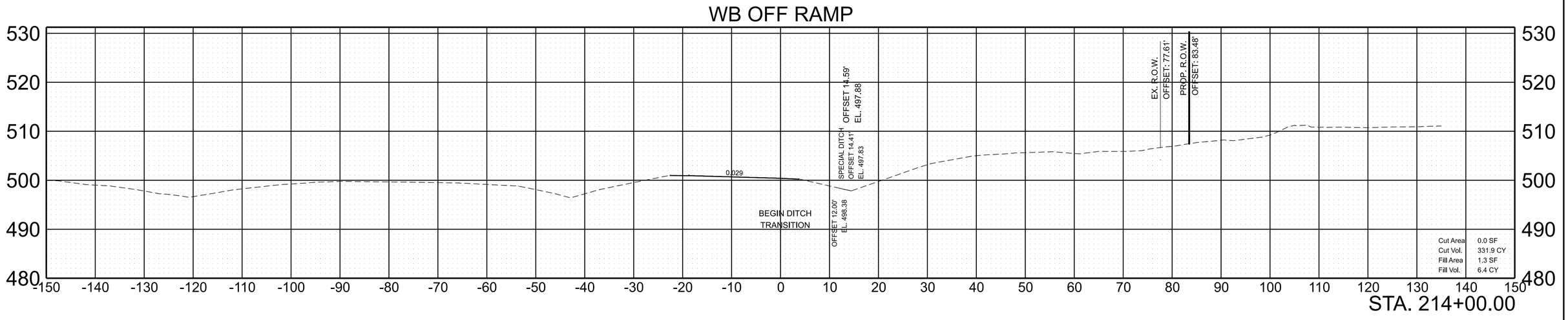


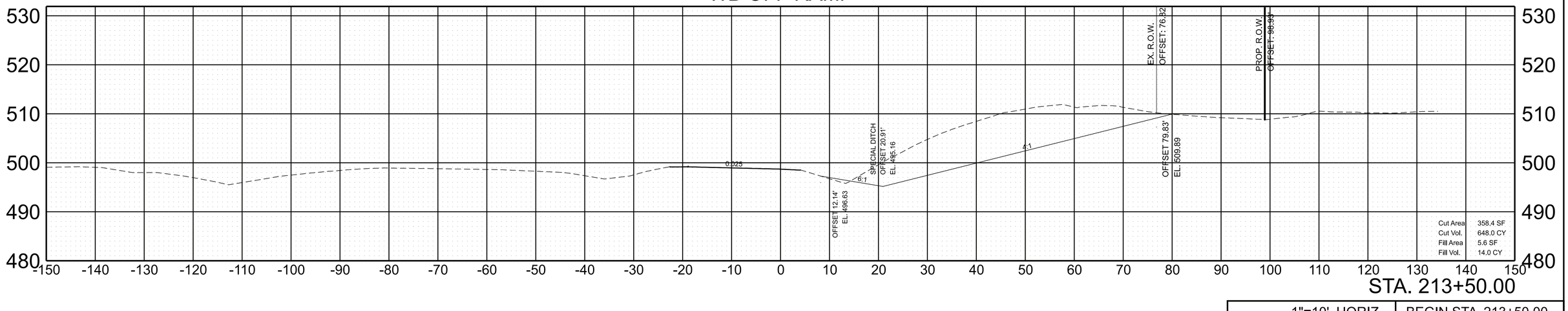
STA. 212+97.07

SCALE:	1"=10' HORIZ.	BEGIN STA. 212+97.07
	1"=10' VERT.	END STA. 213+00.00

2/10/2026 10:43:18 AM
C:\PW_WORKING\TNIPARSONS_P008606GIDMS05796139I040-SHT-XS-WB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	59
PIH	2025	39I040-S3-006	65
PS&E	2026	39I040-S3-006	68





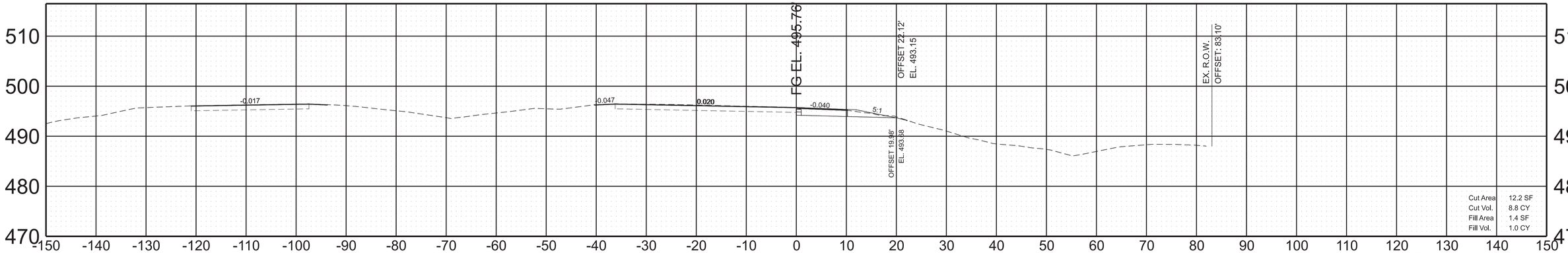
SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 213+50.00
END STA. 214+00.00

2/10/2026 10:43:21 AM
C:\PW_WORKING\TN\PARSONS_P008606GIDMS05796\39I040-SHT-XS-WB OFF.DGN

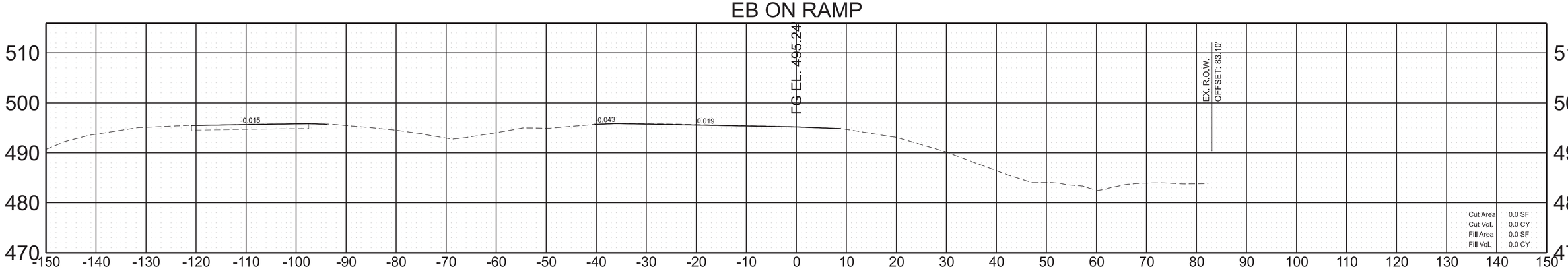
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	60
PIH	2025	39I040-S3-006	66
PS&E	2026	39I040-S3-006	69

EB ON RAMP



STA. 313+89.24

EB ON RAMP



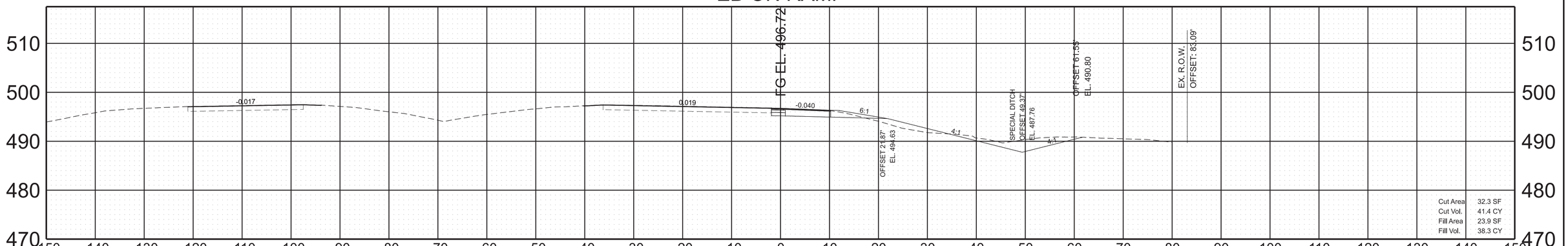
STA. 313+50.00

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 313+50.00
	1"=10' VERT.	END STA. 313+89.24

2/10/2026 10:43:39 AM
C:\PW_WORKING\TNIPARSONS_P0086806GIDMS0579639I040-SHT-XS-EB ON.DGN

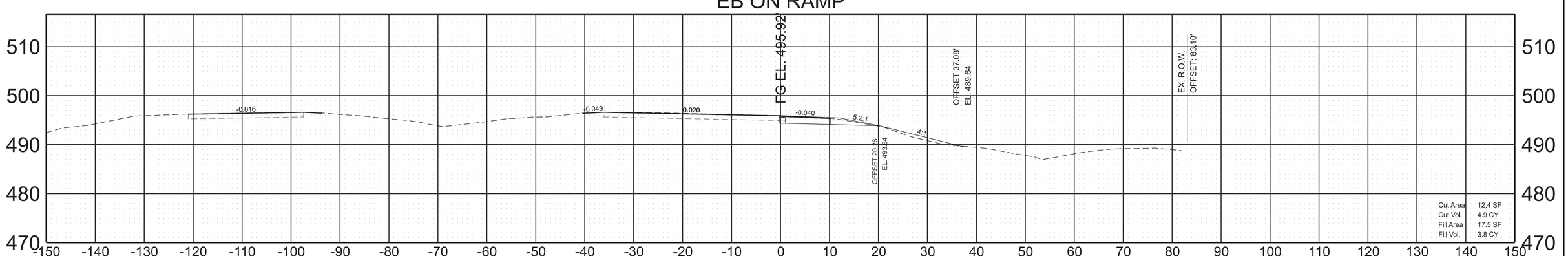
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	61
PIH	2025	39I040-S3-006	67
PS&E	2026	39I040-S3-006	70

EB ON RAMP



STA. 314+50.00

EB ON RAMP



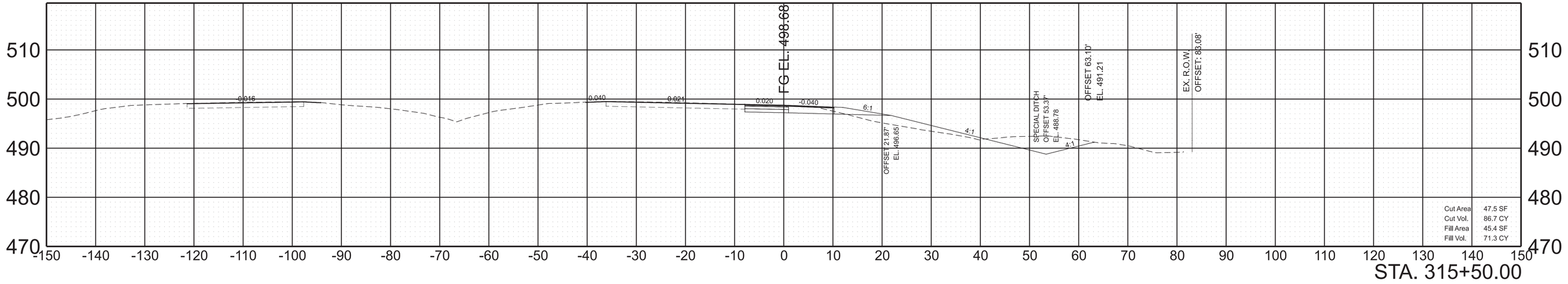
STA. 314+00.00

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 314+00.00
	1"=10' VERT.	END STA. 314+50.00

2/10/2026 10:43:43 AM
C:\PW_WORKING\TNPARSONS_P0086006GIDMSD5796\39I040-SHT-XS-EB ON.DGN

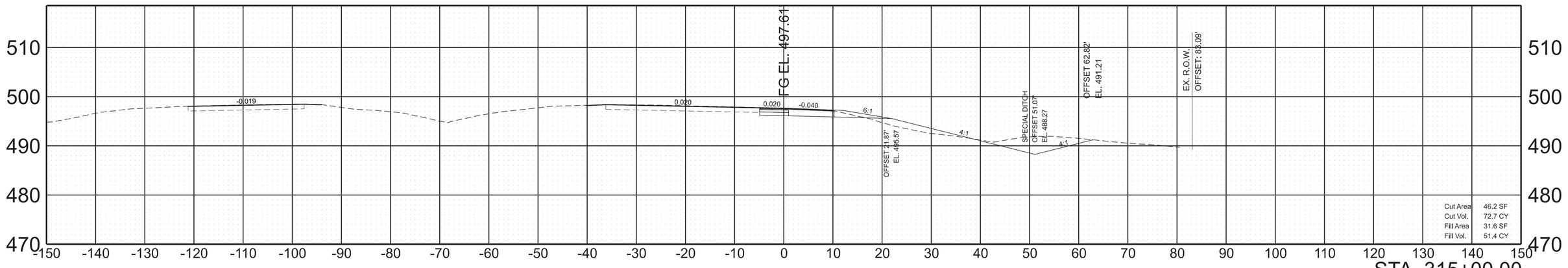
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	62
PIH	2025	39I040-S3-006	68
PS&E	2026	39I040-S3-006	71

EB ON RAMP



STA. 315+50.00

EB ON RAMP



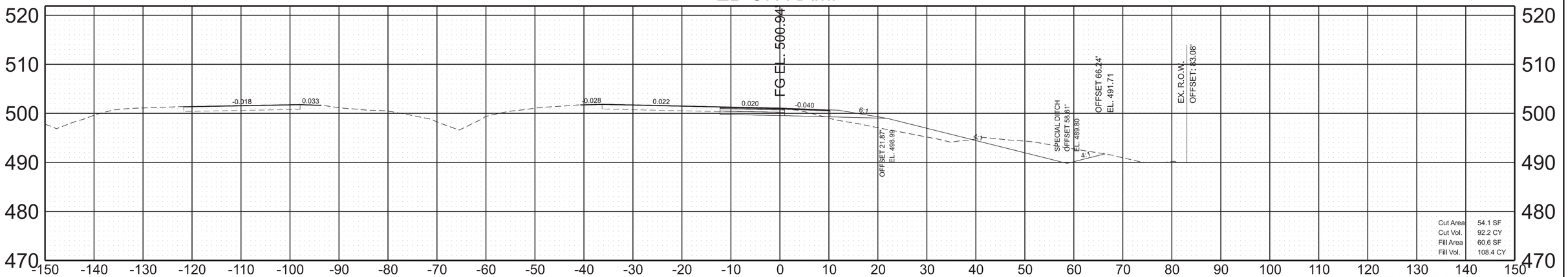
STA. 315+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 315+00.00
	1"=10' VERT.	END STA. 315+50.00

2/10/2026 10:43:47 AM
C:\PW_WORKING\TN\PARSONS_P008606G\DMS05796\39I040-SHT-XS-EB ON.DGN

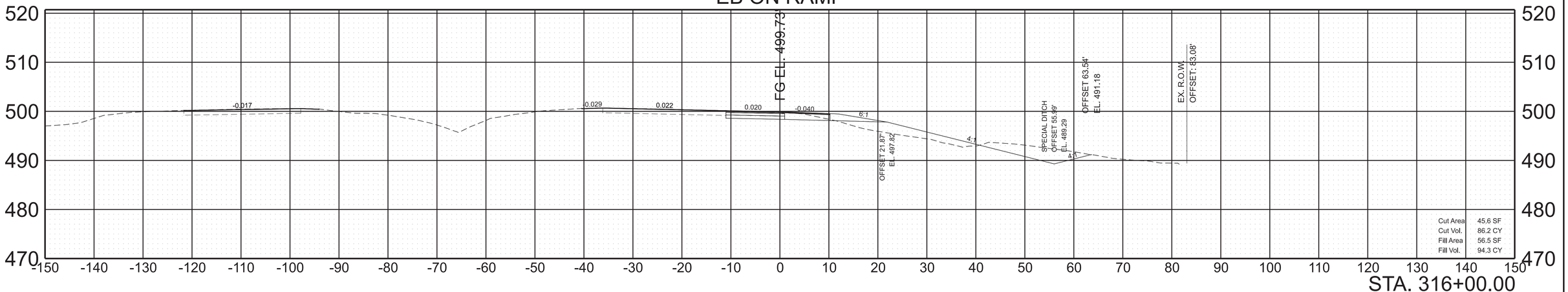
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	63
PIH	2025	39I040-S3-006	69
PS&E	2026	39I040-S3-006	72

EB ON RAMP



STA. 316+50.00

EB ON RAMP



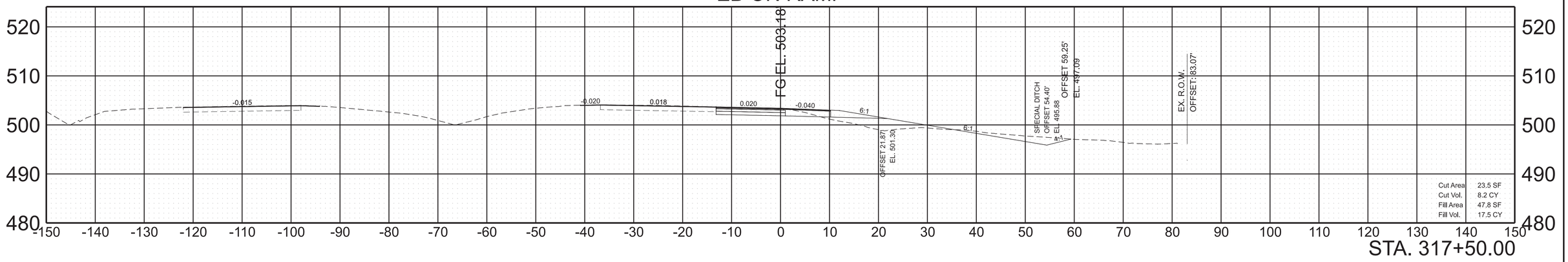
STA. 316+00.00

SCALE:			
	1"=10'	HORIZ.	BEGIN STA. 316+00.00
	1"=10'	VERT.	END STA. 316+50.00

2/10/2026 10:43:51 AM
C:\PW_WORKINGITN\PARSONS_P0086066GIDMS05796\39I040-SHT-XS-EB ON.DGN

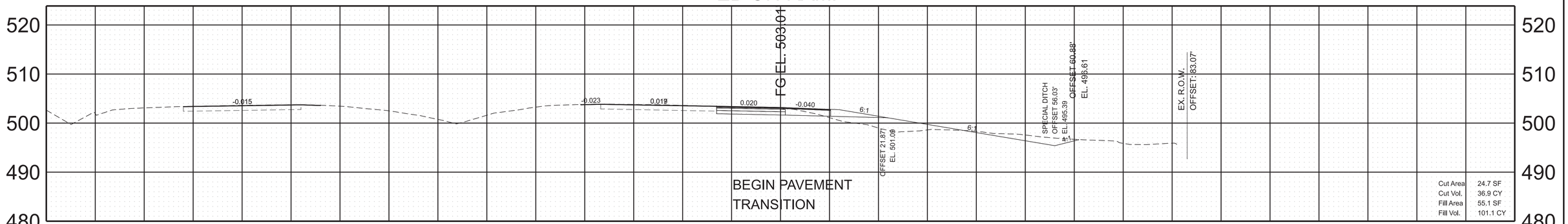
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	64
PIH	2025	39I040-S3-006	70
PS&E	2026	39I040-S3-006	73

EB ON RAMP



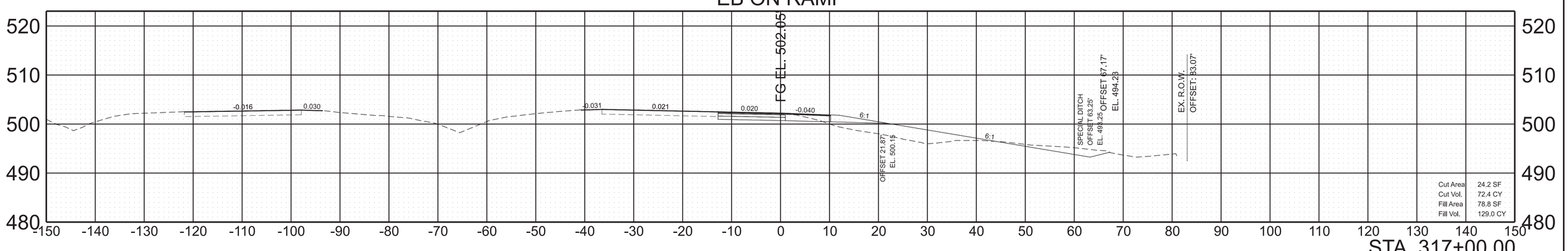
STA. 317+50.00

EB ON RAMP



STA. 317+40.79

EB ON RAMP



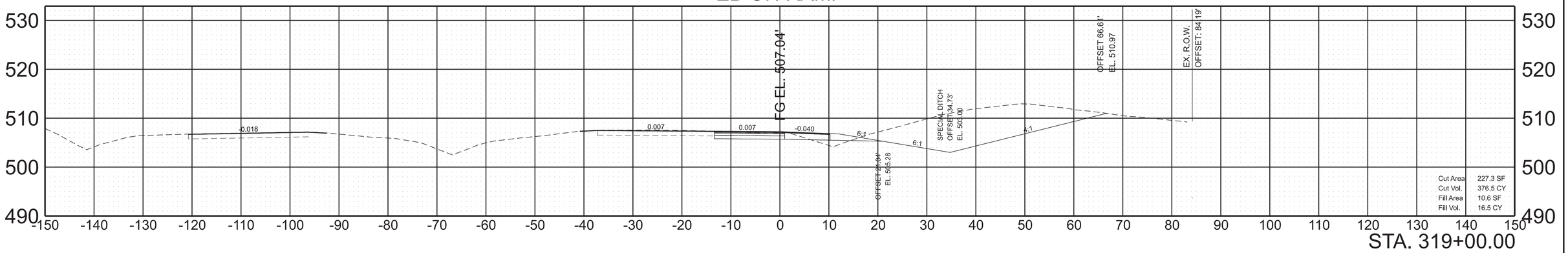
STA. 317+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 317+00.00
	1"=10' VERT.	END STA. 317+50.00

2/10/2026 10:43:56 AM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-EB ON.DGN

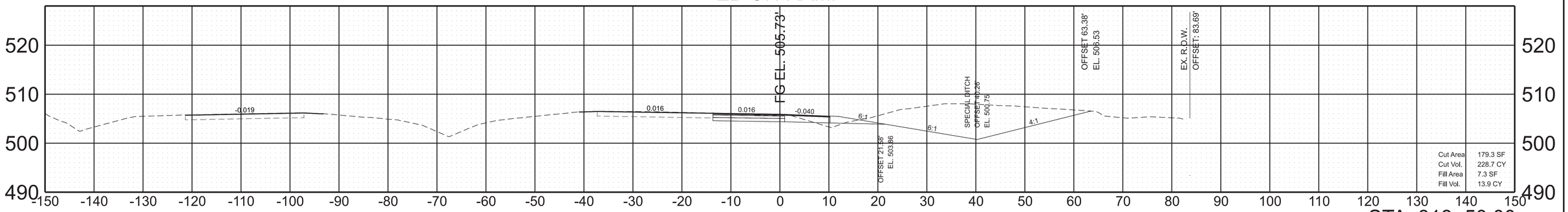
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	65
PIH	2025	39I040-S3-006	71
PS&E	2026	39I040-S3-006	74

EB ON RAMP



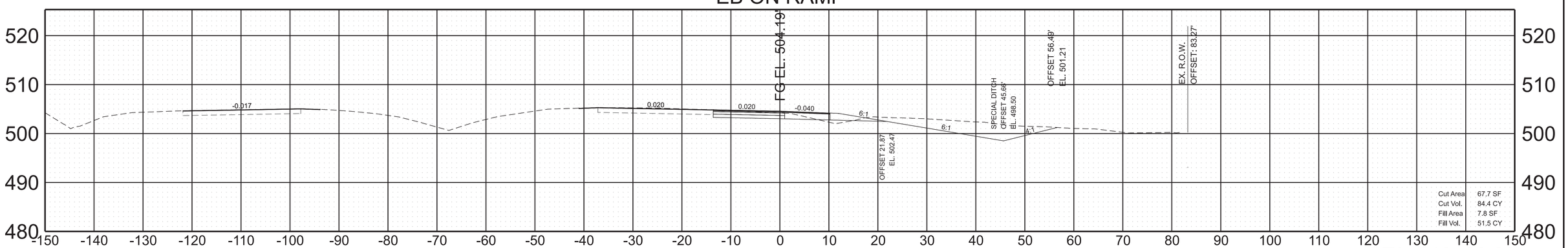
STA. 319+00.00

EB ON RAMP



STA. 318+50.00

EB ON RAMP



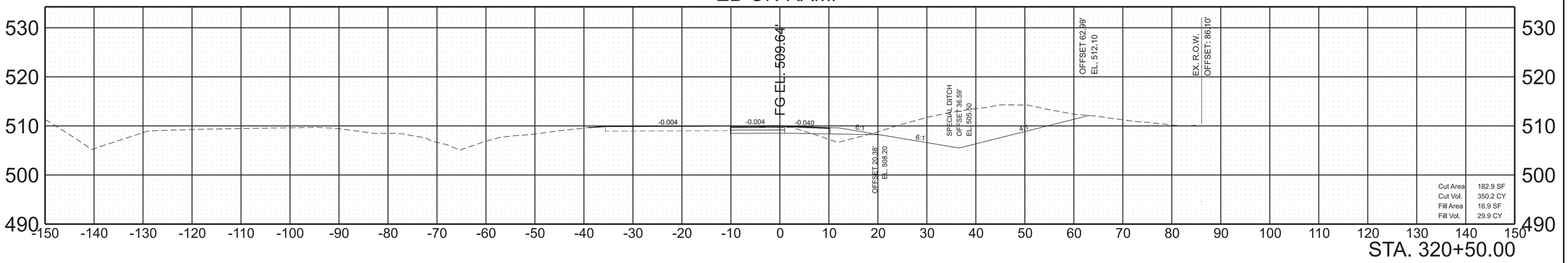
STA. 318+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 318+00.00
	1"=10' VERT.	END STA. 319+00.00

2/10/2026 10:44:00 AM
C:\PW_WORKINGIT\NPARSONS_P008606GIDMS057963\39I040-SHT-XS-EB ON.DGN

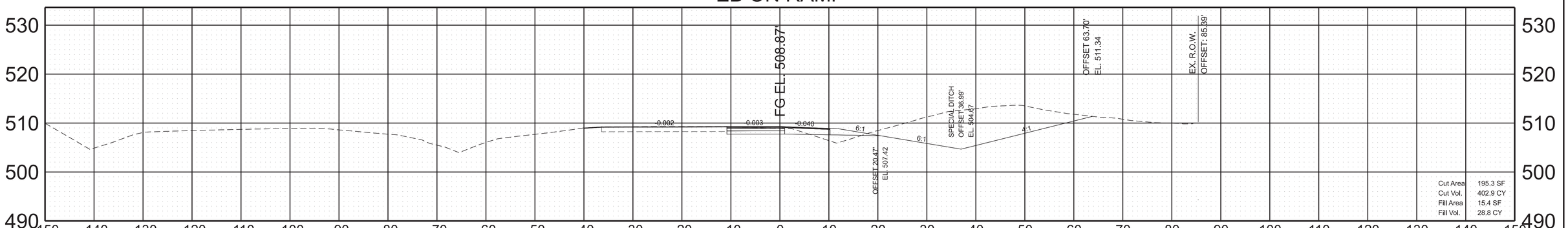
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	66
PIH	2025	39I040-S3-006	72
PS&E	2026	39I040-S3-006	75

EB ON RAMP



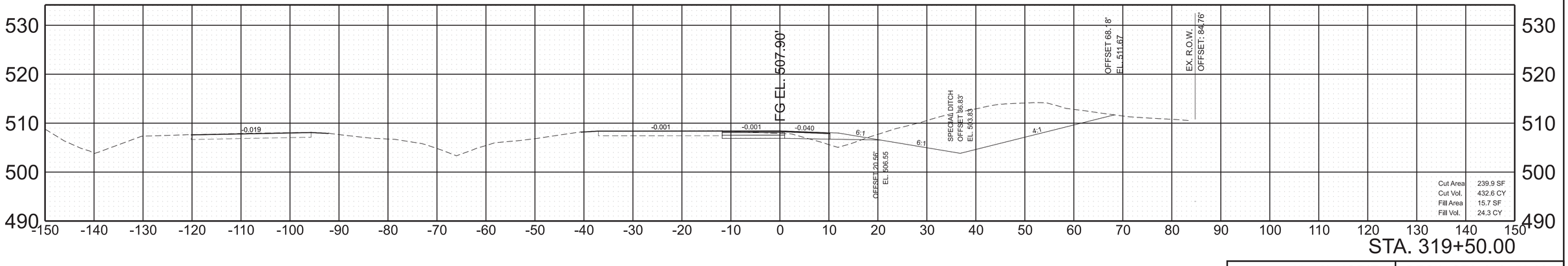
STA. 320+50.00

EB ON RAMP



STA. 320+00.00

EB ON RAMP



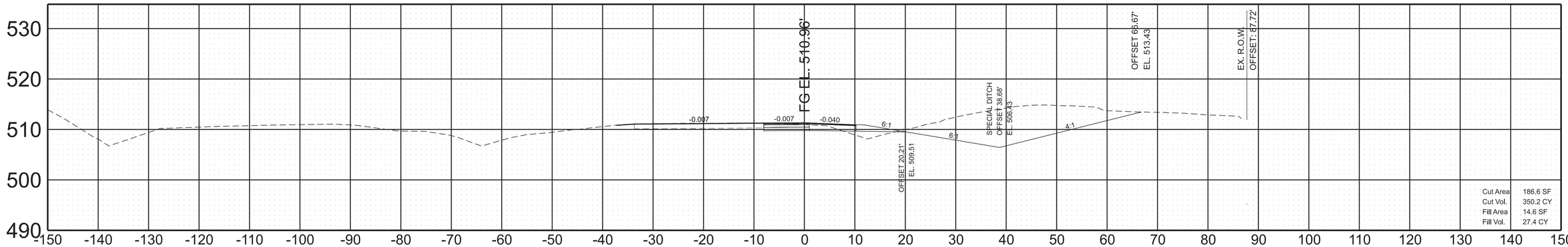
STA. 319+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 319+50.00
	1"=10' VERT.	END STA. 320+50.00

2/10/2026 10:44:06 AM
C:\PW_WORKINGIT\NIPARSONS_P008606GIDMS0579639I040-SHT-XS-EB ON.DGN

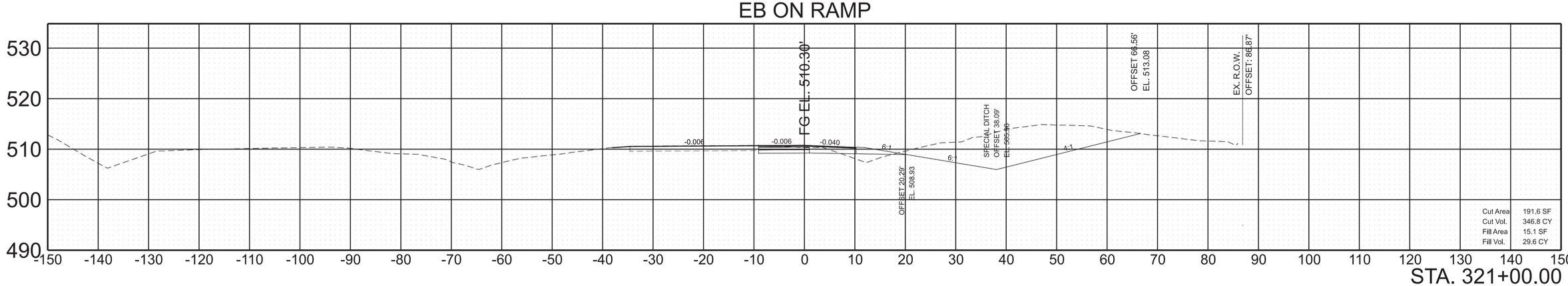
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	67
PIH	2025	39I040-S3-006	73
PS&E	2026	39I040-S3-006	76

EB ON RAMP



STA. 321+50.00

EB ON RAMP



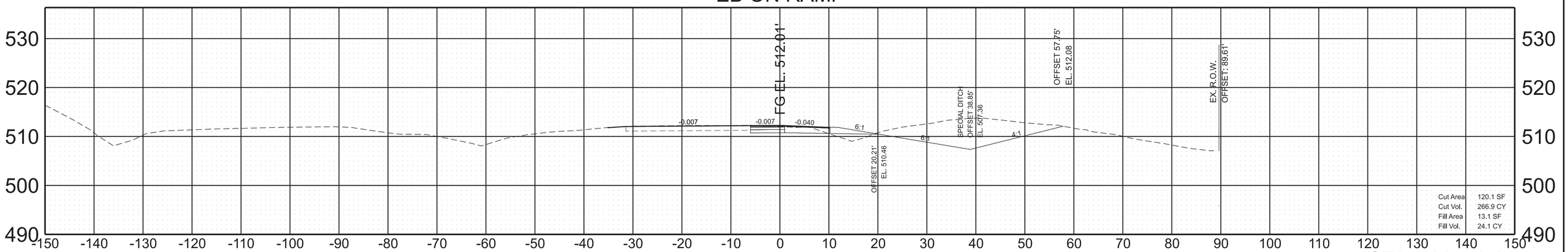
STA. 321+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 321+00.00
	1"=10' VERT.	END STA. 321+50.00

2/10/2026 10:44:09 AM
C:\PW_WORKING\TNPARSONS_P0086606GIDMS05796\39I040-SHT-XS-EB ON.DGN

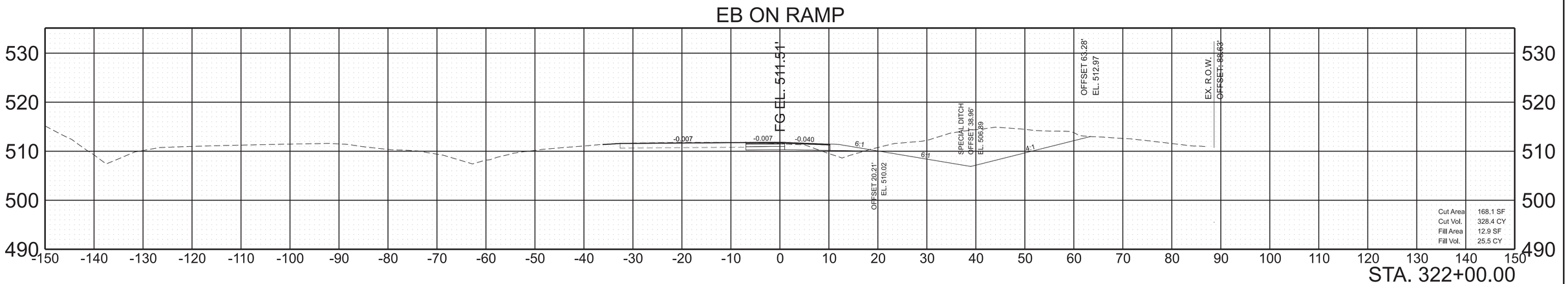
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	68
PIH	2025	39I040-S3-006	74
PS&E	2026	39I040-S3-006	77

EB ON RAMP



STA. 322+50.00

EB ON RAMP



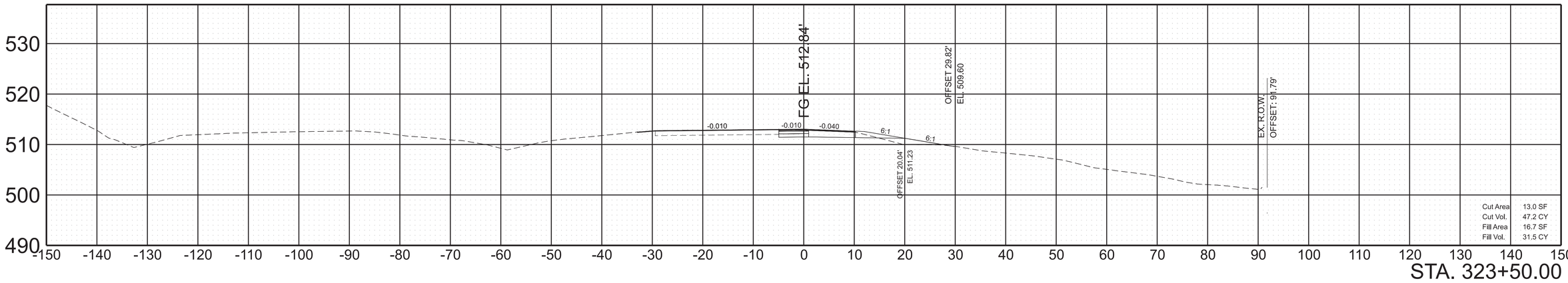
STA. 322+00.00

SCALE:			
	1"=10'	HORIZ.	BEGIN STA. 322+00.00
	1"=10'	VERT.	END STA. 322+50.00

2/10/2026 10:44:13 AM
C:\PW_WORKING\TNI\PARSONS_P0086806GIDMS\05796139I040-SHT-XS-EB ON.DGN

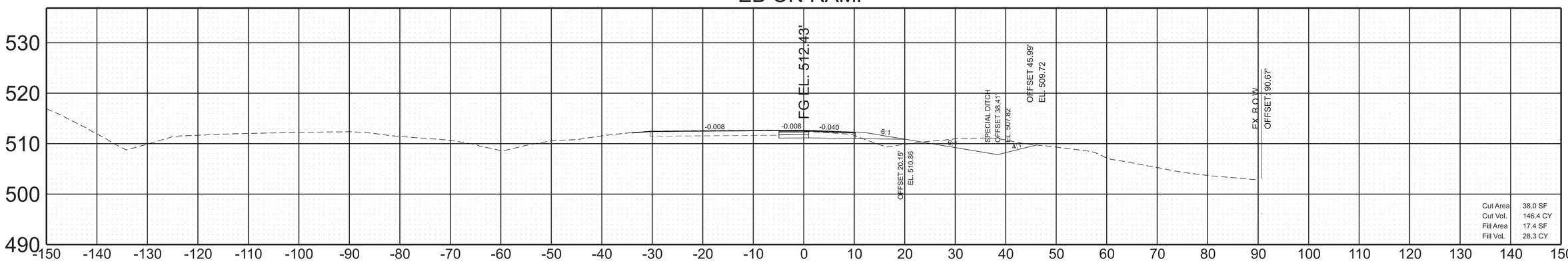
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	69
PIH	2025	39I040-S3-006	75
PS&E	2026	39I040-S3-006	78

EB ON RAMP



STA. 323+50.00

EB ON RAMP



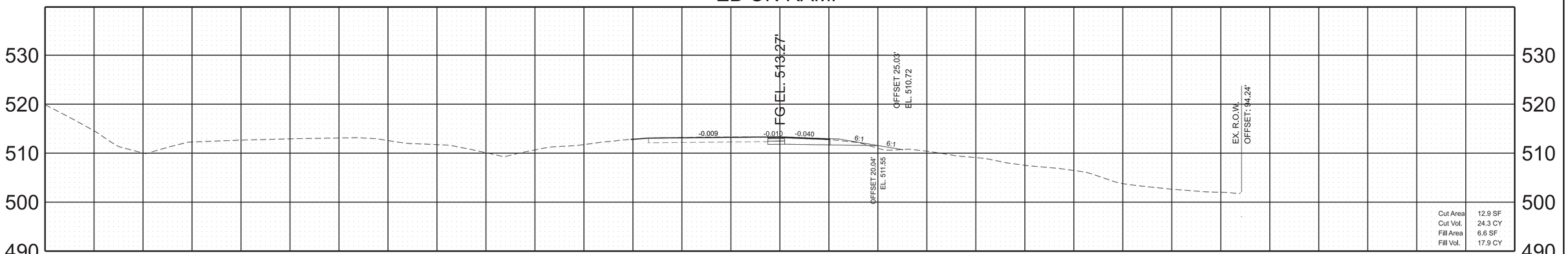
STA. 323+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 323+00.00
	1"=10' VERT.	END STA. 323+50.00

2/10/2026 10:44:16 AM
C:\PW_WORKINGIT\NPARSONS_P008606GIDMS057961391040-SHT-XS-EB ON.DGN

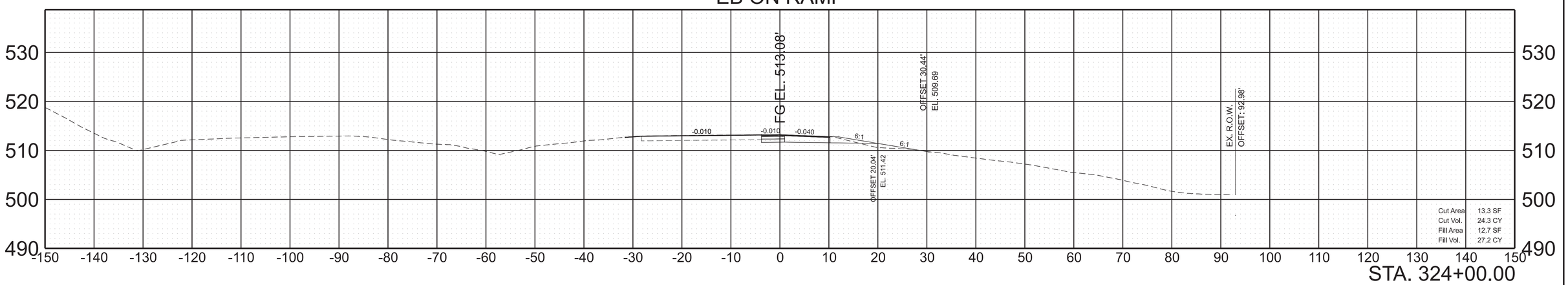
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	70
PIH	2025	39I040-S3-006	76
PS&E	2026	39I040-S3-006	79

EB ON RAMP



STA. 324+50.00

EB ON RAMP



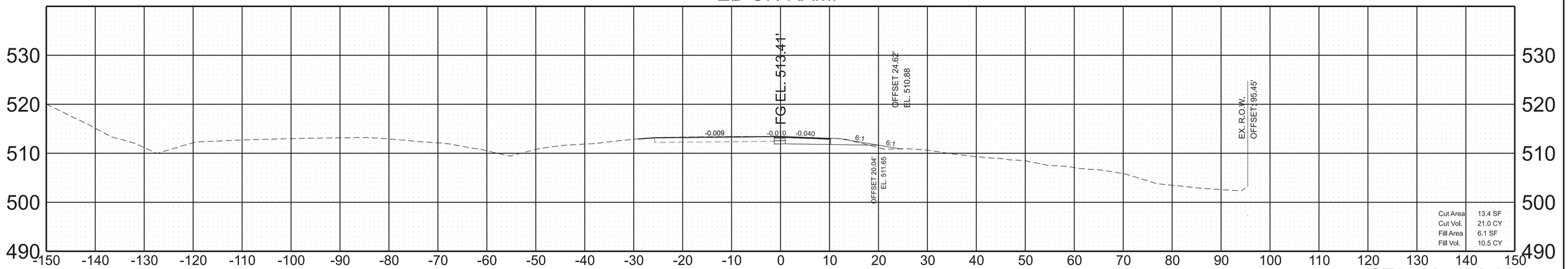
STA. 324+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 324+00.00
	1"=10' VERT.	END STA. 324+50.00

2/10/2026 10:44:20 AM
C:\PW_WORKINGTNIPARSONS_P008606GIDMSD57796\39I040-SHT-XS-EB ON.DGN

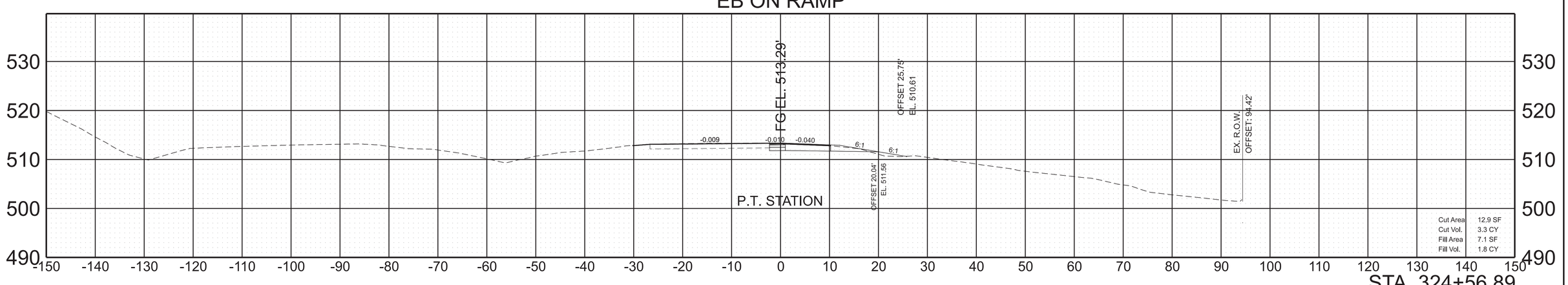
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	71
PIH	2025	39I040-S3-006	77
PS&E	2026	39I040-S3-006	80

EB ON RAMP



STA. 325+00.00

EB ON RAMP

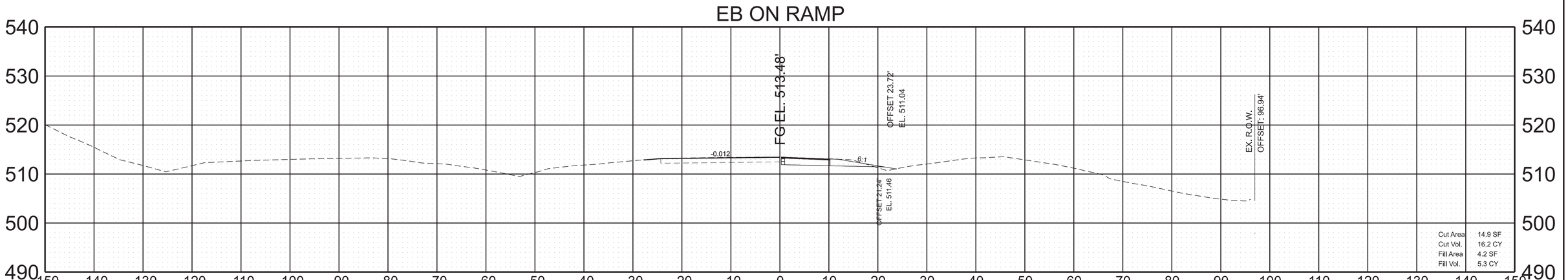


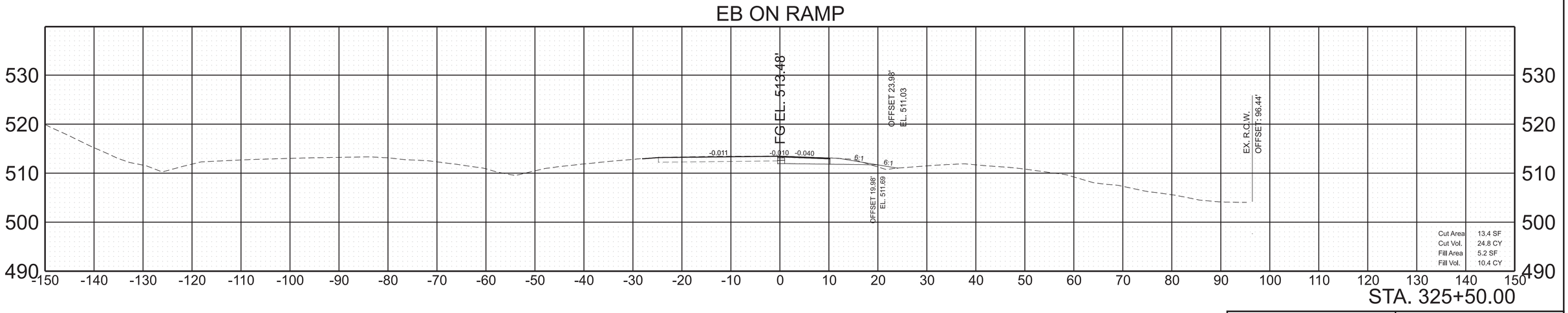
STA. 324+56.89

SCALE:	1"=10' HORIZ.	BEGIN STA. 324+56.89
	1"=10' VERT.	END STA. 325+00.00

2/10/2026 10:44:24 AM
C:\PW_WORKING\TNIPARSONS_P0086806GIDMS05796139I040-SHT-XS-EB ON.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	72
PIH	2025	39I040-S3-006	78
PS&E	2026	39I040-S3-006	81

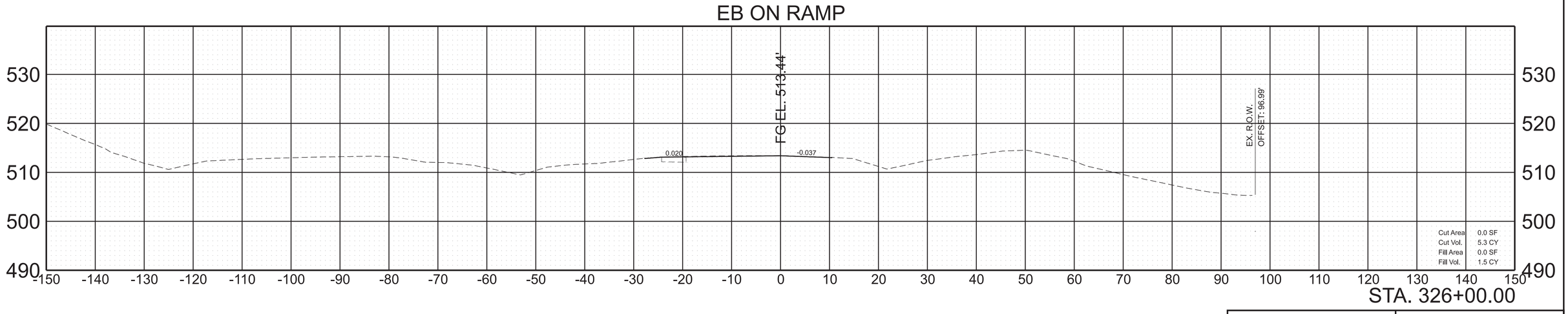




SCALE:			
	1"=10'	HORIZ.	BEGIN STA. 325+50.00
	1"=10'	VERT.	END STA. 325+80.75

2/10/2026 10:44:27 AM
C:\PW_WORKING\TNPARSONS_P0086066GIDMS05796\39I040-SHT-XS-EB ON.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	73
PIH	2025	39I040-S3-006	79
PS&E	2026	39I040-S3-006	82



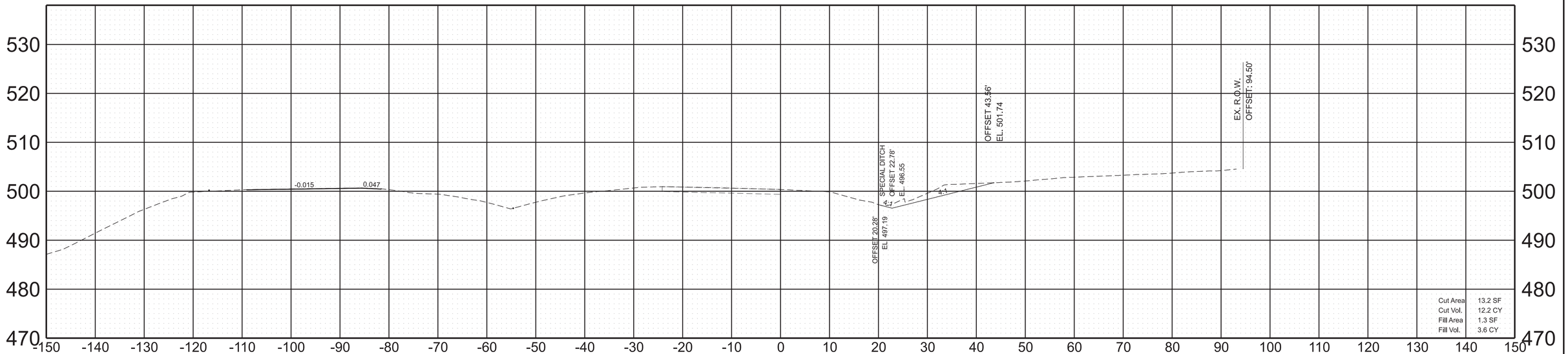
SCALE: 1"=10' HORIZ. 1"=10' VERT.

BEGIN STA. 326+00.00
END STA. 326+00.00

2/10/2026 10:44:30 AM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-EB ON.DGN

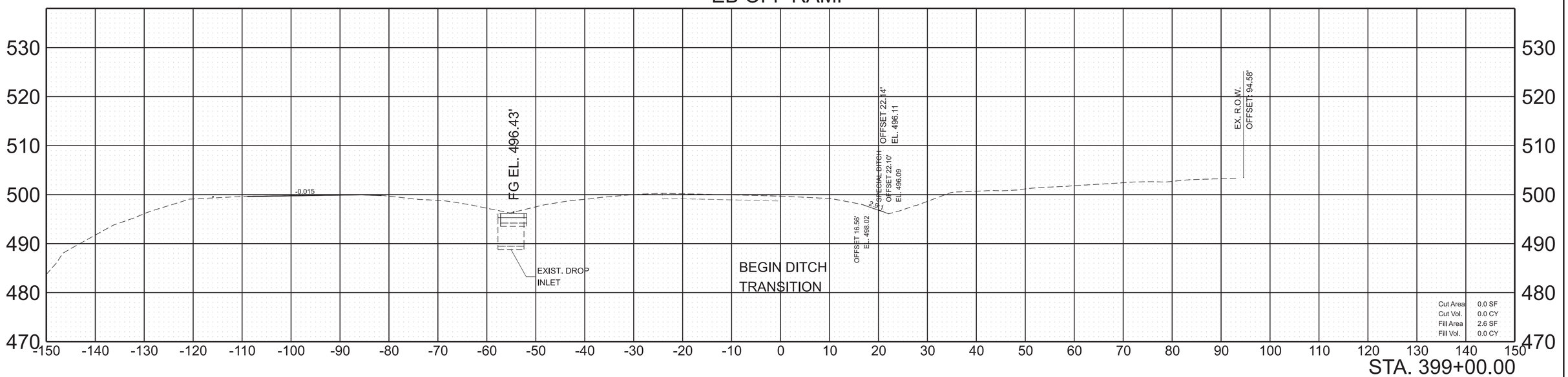
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	74
PIH	2025	39I040-S3-006	80
PS&E	2026	39I040-S3-006	83

EB OFF RAMP



STA. 399+50.00

EB OFF RAMP



STA. 399+00.00

SCALE:			BEGIN STA. 399+00.00
	1"=10'	HORIZ.	
	1"=10'	VERT.	END STA. 399+50.00

2/10/2026 10:44:52 AM
C:\PW_WORKING\TNIPARSONS_P0086060IDMS\05796139I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	75
PIH	2025	39I040-S3-006	81
PS&E	2026	39I040-S3-006	84

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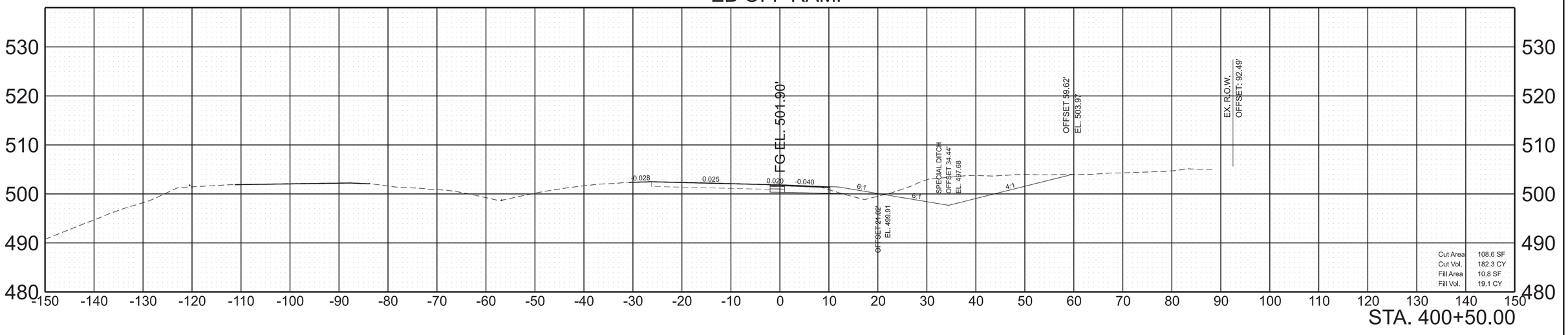

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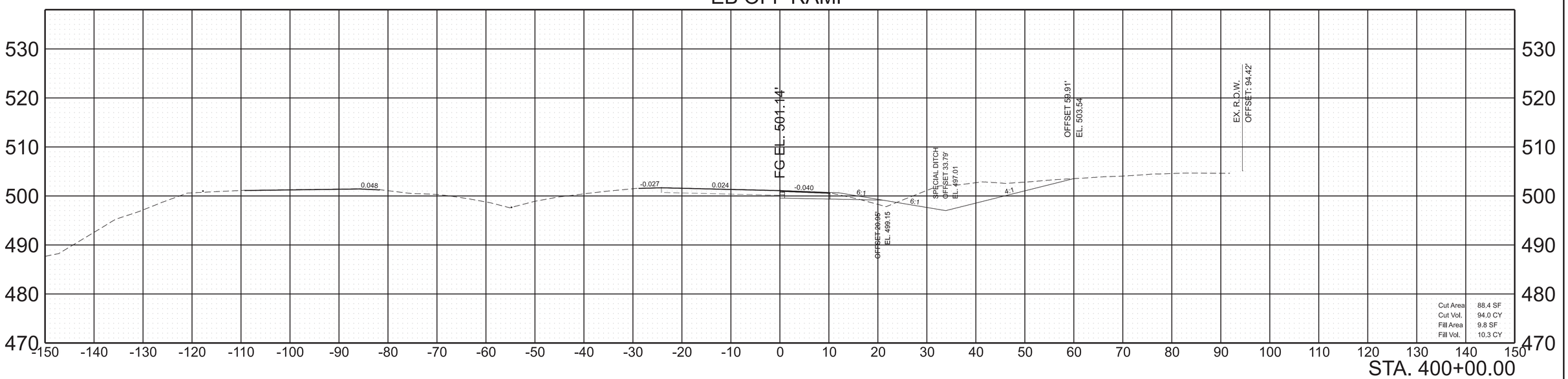

SCALE:		
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2/10/2026 10:44:56 AM
C:\PW_WORKING\TNIPARSONS_P008606GIDMS\05796139I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	76
PIH	2025	39I040-S3-006	82
PS&E	2026	39I040-S3-006	85

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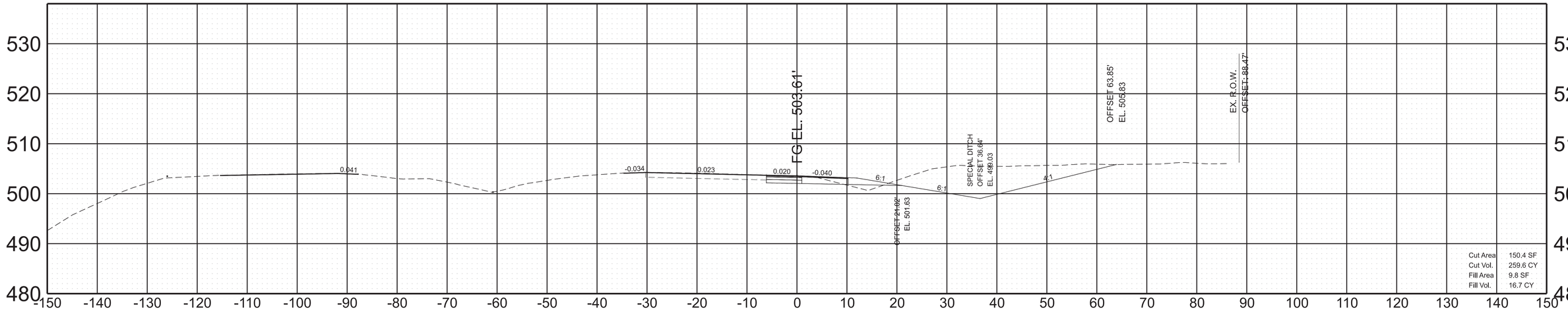
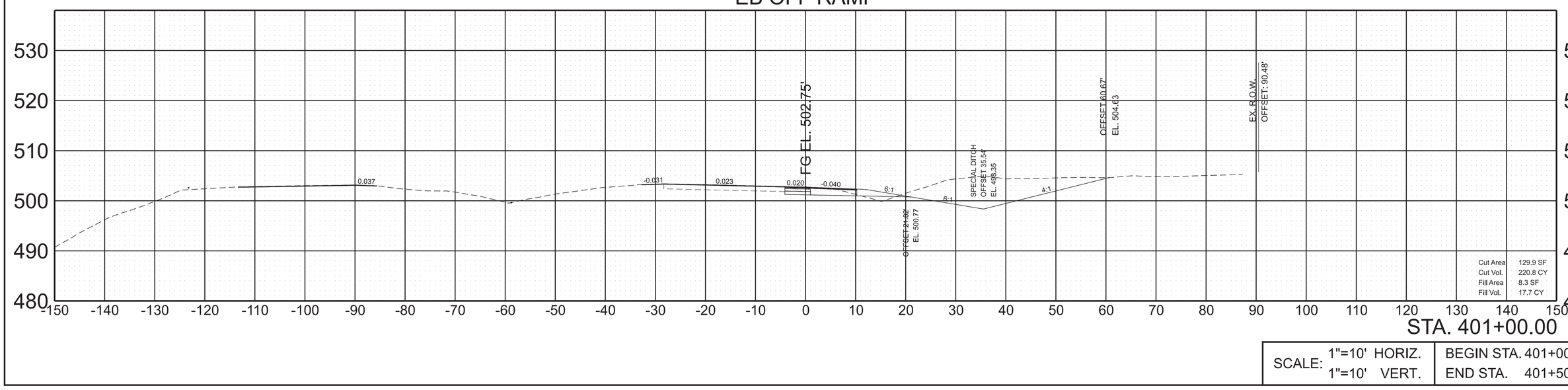


STA. 401+50.00

EB OFF RAMP



STA. 401+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 401+00.00
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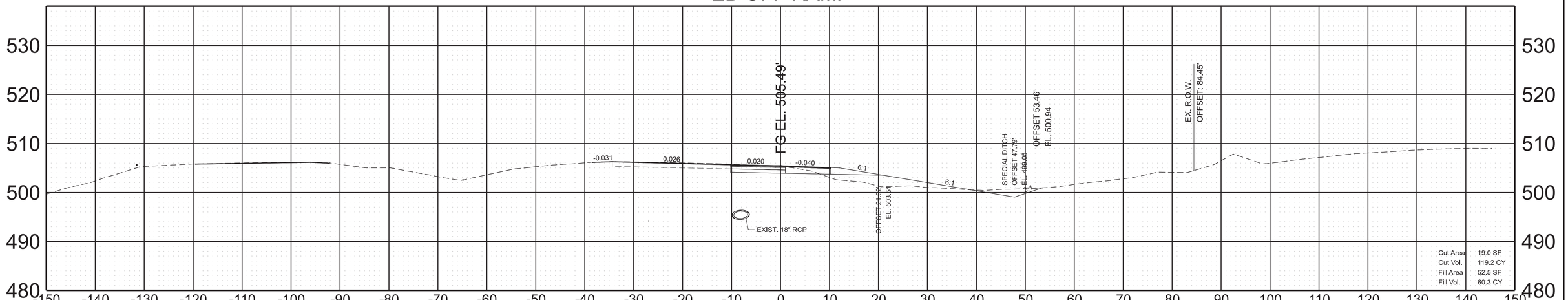
2/10/2026 10:45:00 AM
C:\PW_WORKINGITN\PARSONS_P008606GIDMS0579639I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	77
PIH	2025	39I040-S3-006	83
PS&E	2026	39I040-S3-006	86

EB OFF RAMP



STA. 402+50.00

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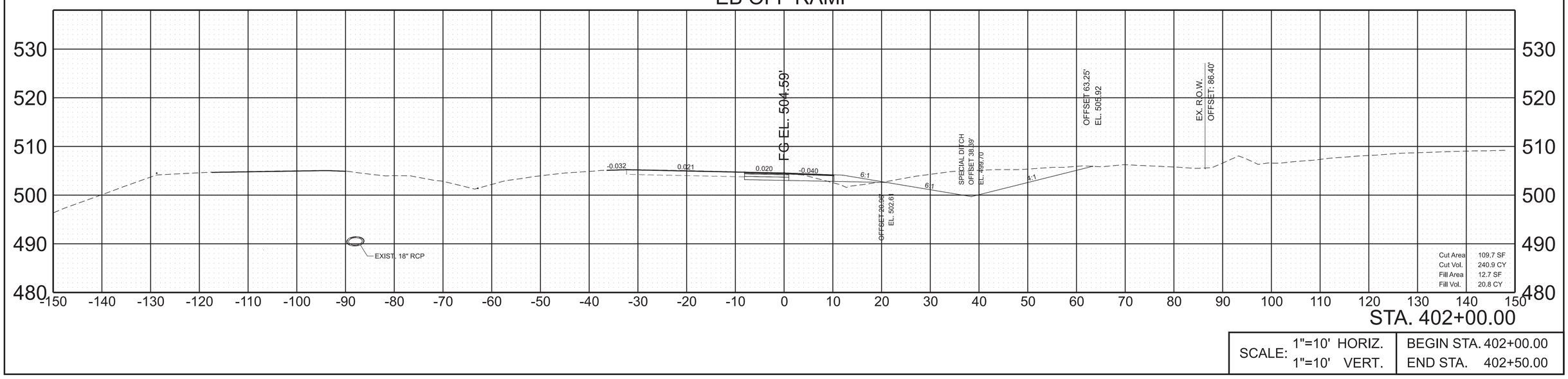


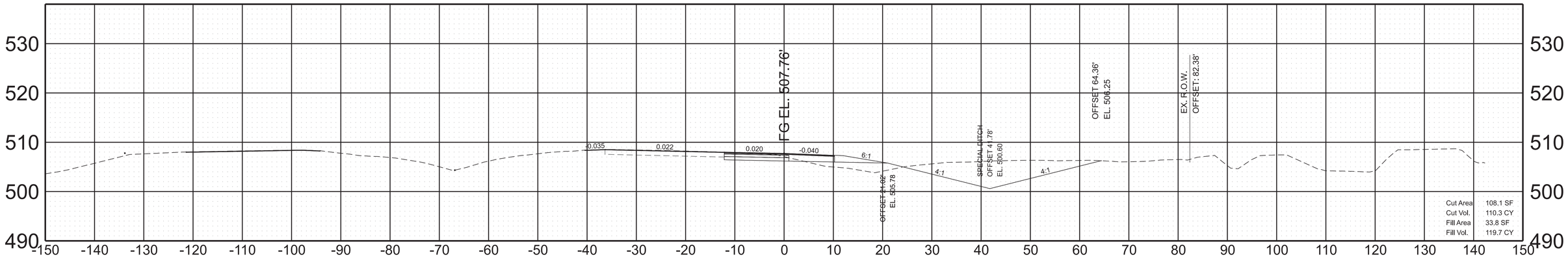
STA. 402+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 402+00.00
	1"=10' VERT.	END STA. 402+50.00

2/10/2026 10:45:04 AM
C:\PW_WORKINGTN\PARSONS_P008606GIDMS0579639I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	78
PIH	2025	39I040-S3-006	84
PS&E	2026	39I040-S3-006	87

EB OFF RAMP



STA. 403+50.00

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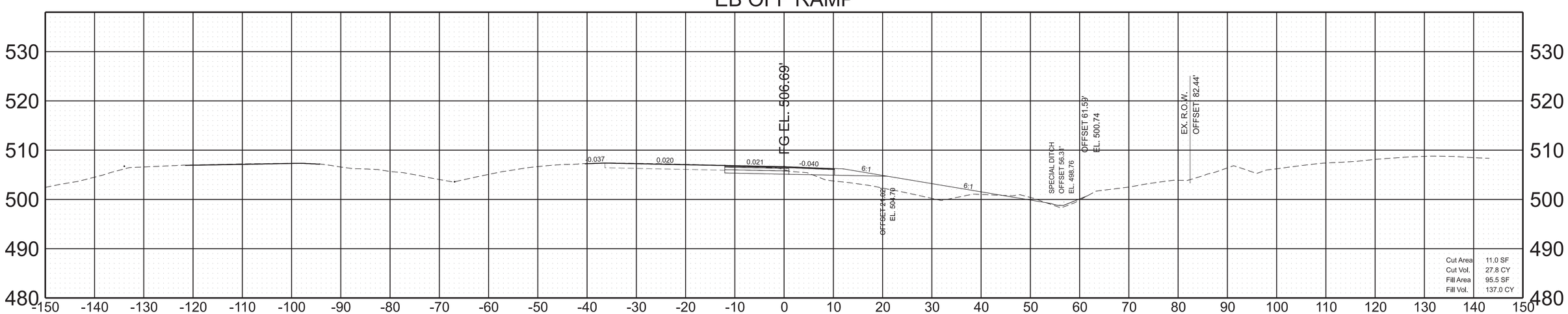


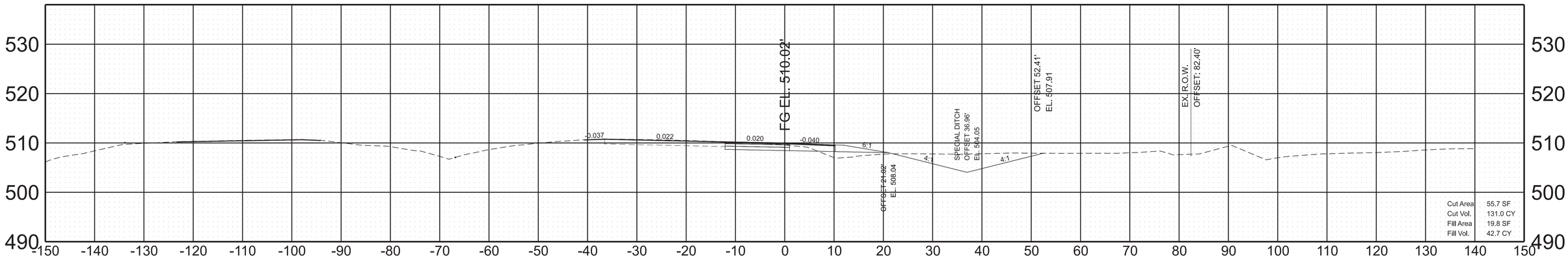
STA. 403+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 403+00.00
	1"=10' VERT.	END STA. 403+50.00

2/10/2026 10:45:07 AM
C:\PW_WORKING\TN\PARSONS_P008606GIDMS\0579639I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	79
PIH	2025	39I040-S3-006	85
PS&E	2026	39I040-S3-006	88

EB OFF RAMP



STA. 404+50.00

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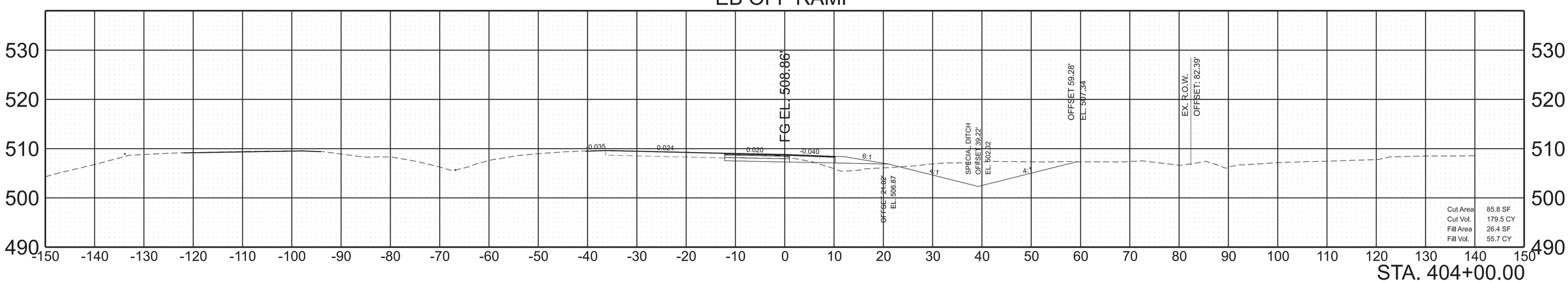

STA. 404+00.00

SCALE:		
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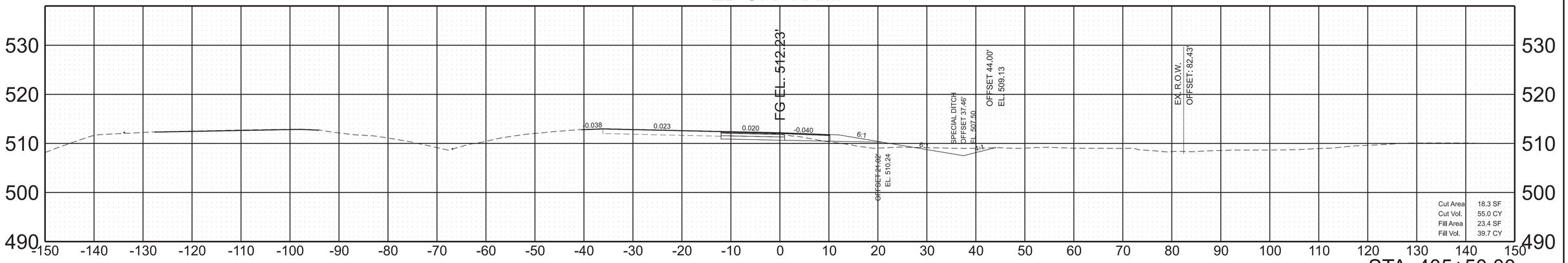
	1"=10' VERT.	END STA. 404+50.00

2/10/2026 10:45:11 AM
C:\PW_WORKING\TNI\PARSONS_P008606GIDMS057961391I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	80
PIH	2025	39I040-S3-006	86
PS&E	2026	39I040-S3-006	89

EB OFF RAMP



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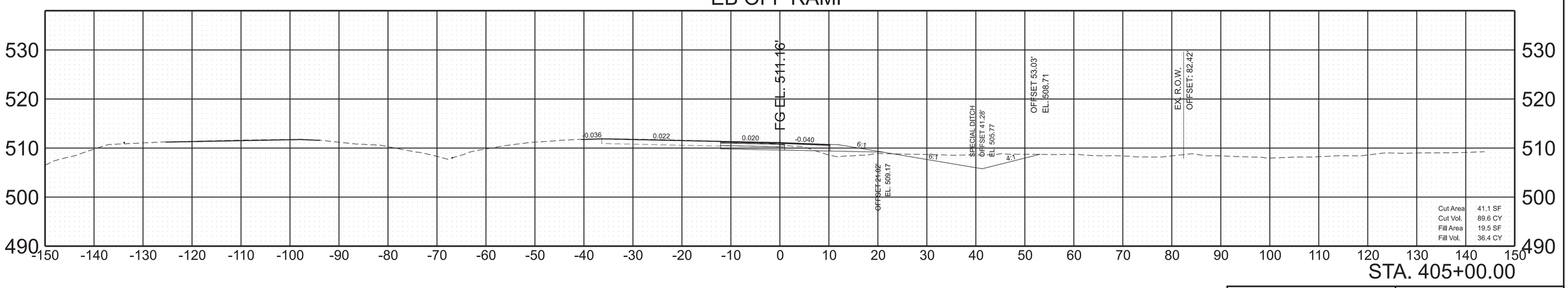


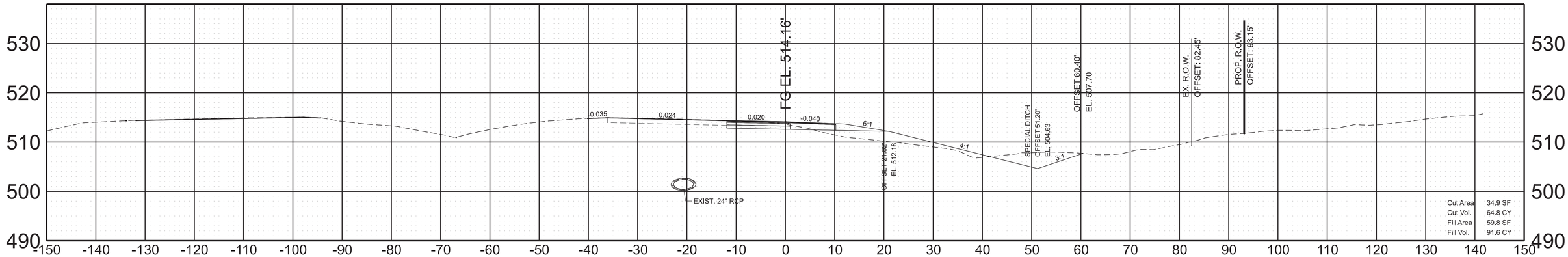
STA. 405+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 405+00.00
	1"=10' VERT.	END STA. 405+50.00

2/10/2026 10:45:15 AM
C:\PW_WORKINGITN\PARSONS_P0086066GIDMS05796\39I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	81
PIH	2025	39I040-S3-006	87
PS&E	2026	39I040-S3-006	90

EB OFF RAMP



STA. 406+50.00

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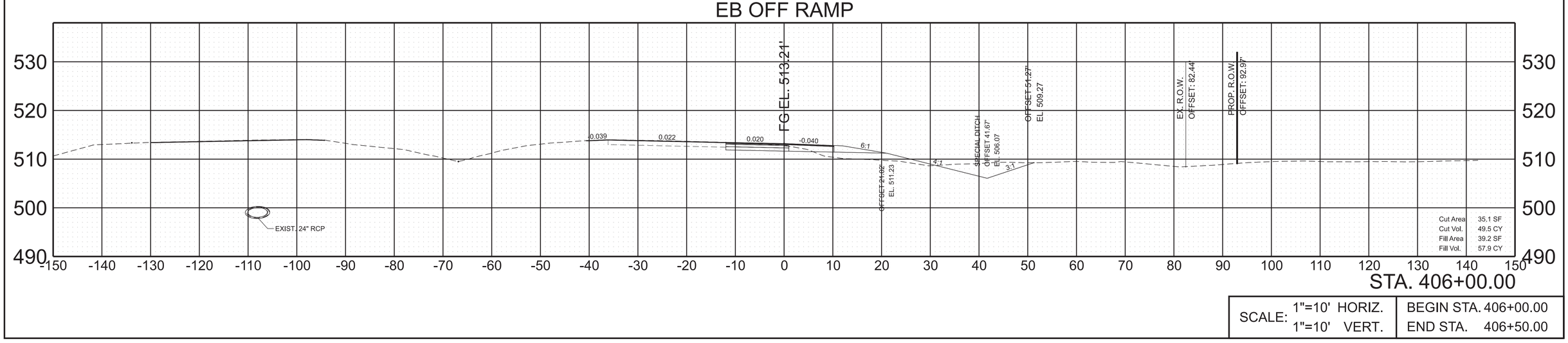

STA. 406+00.00

SCALE:		
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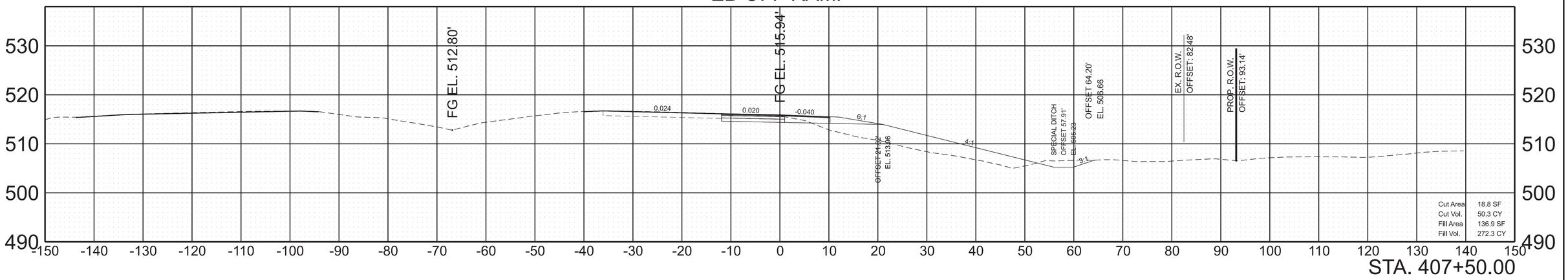
2/10/2026 10:45:19 AM
C:\PW_WORKINGITN\PARSONS_P008606GIDMS0579639I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	82
PIH	2025	39I040-S3-006	88
PS&E	2026	39I040-S3-006	91

EB OFF RAMP



STA. 407+50.00

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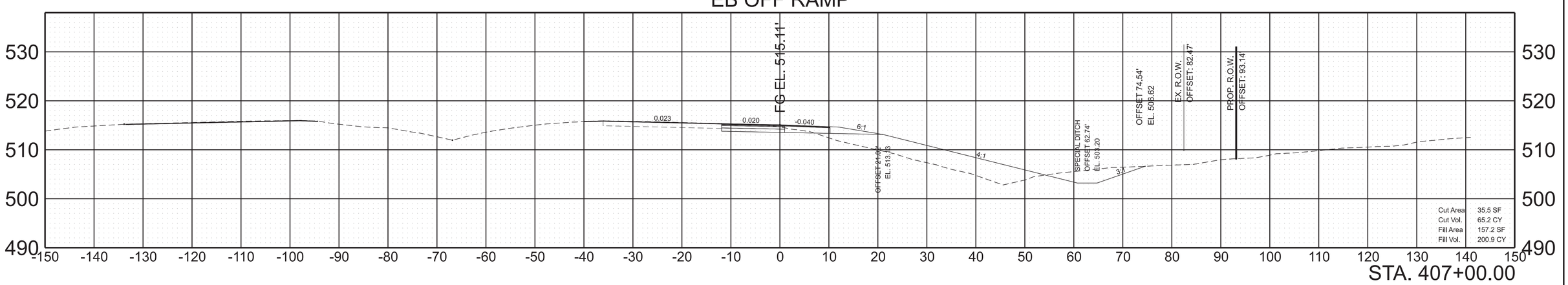

STA. 407+00.00

SCALE:			
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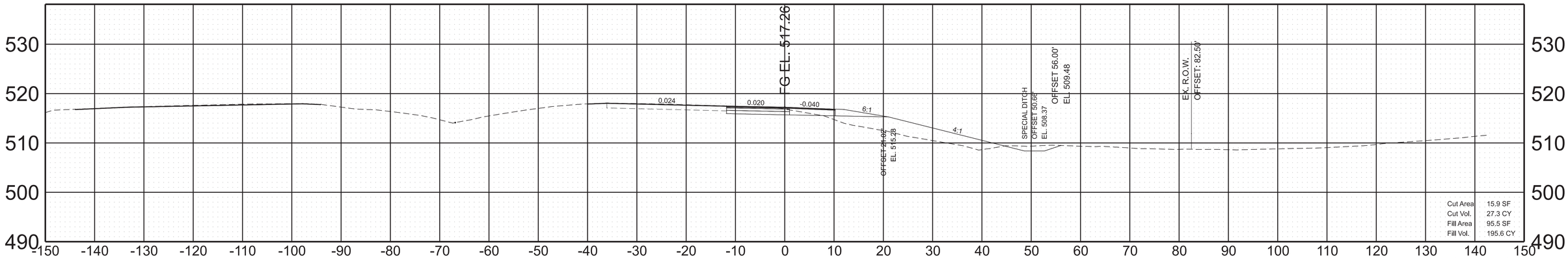
	1"=10'	VERT.	END STA. 407+50.00

2/10/2026 10:45:23 AM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	83
PIH	2025	39I040-S3-006	89
PS&E	2026	39I040-S3-006	92

EB OFF RAMP



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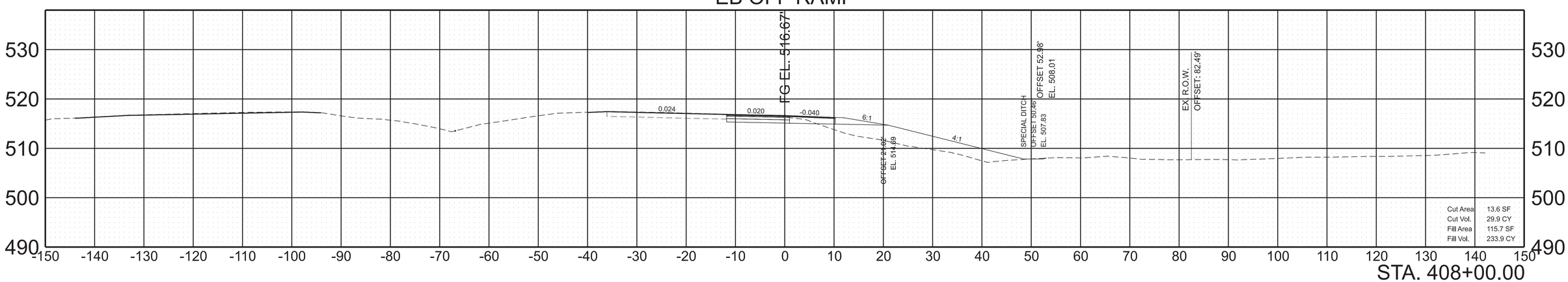

SCALE:		
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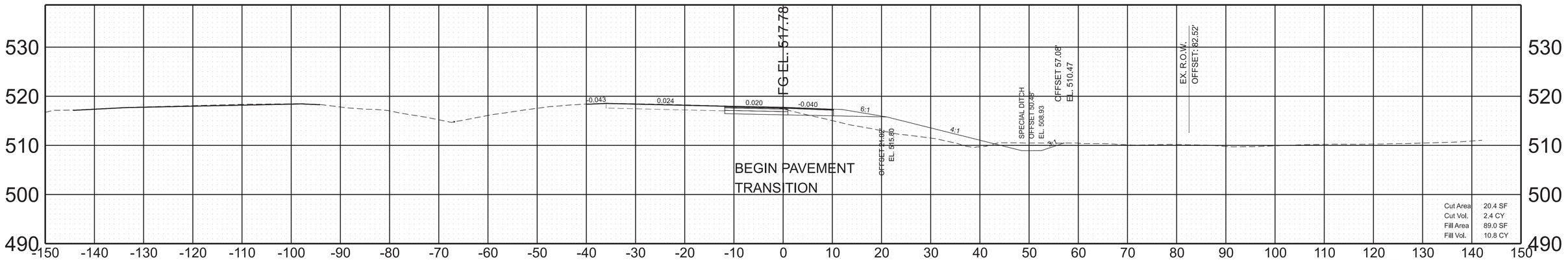
	1"=10' VERT.	END STA. 408+50.00

2/10/2026 10:45:26 AM
C:\PW_WORKING\TNPARSONS_P008606GIDMS\05796\39I040-SHT-XS-EB OFF.DGN

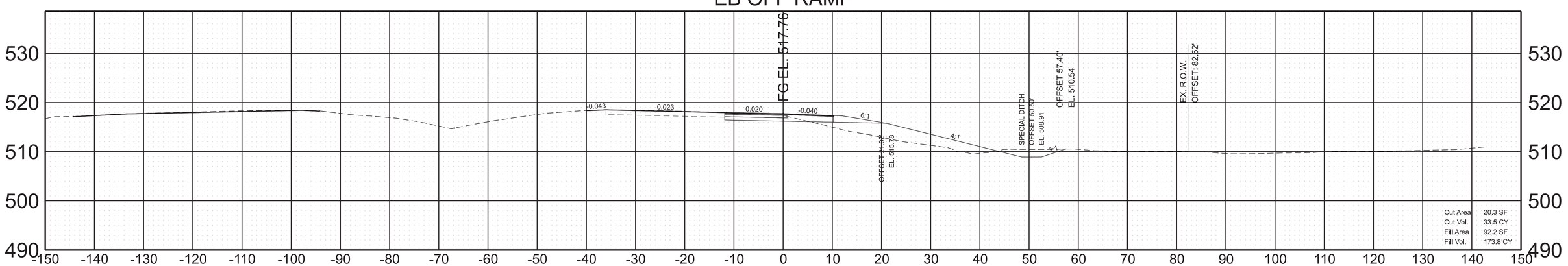
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	84
PIH	2025	39I040-S3-006	90
PS&E	2026	39I040-S3-006	93

EB OFF RAMP



STA. 409+03.23

EB OFF RAMP



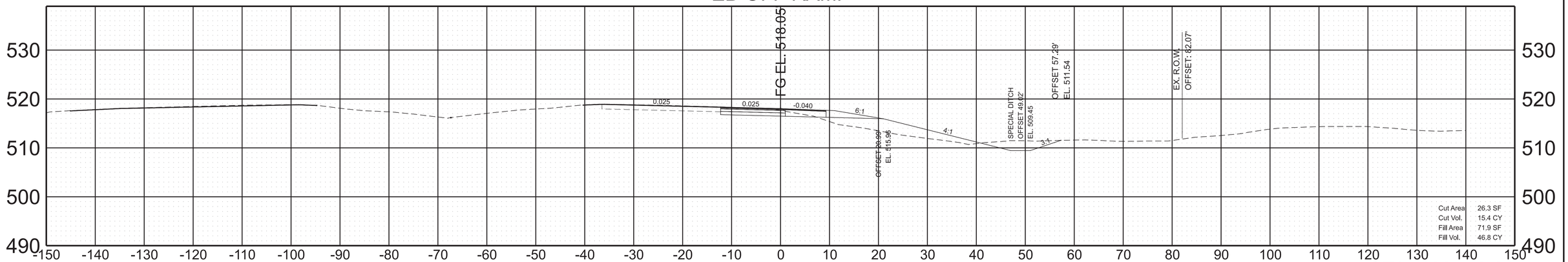
STA. 409+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 409+00.00
	1"=10' VERT.	END STA. 409+03.23

2/10/2026 10:45:30 AM
C:\PW_WORKING\TN\PARSONS_P0086066\DMS05796\39I040-SHT-XS-EB OFF.DGN

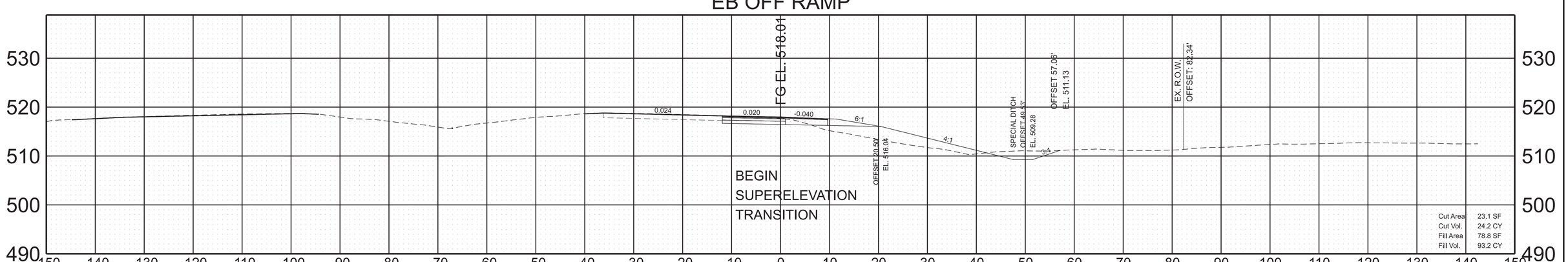
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	85
PIH	2025	39I040-S3-006	91
PS&E	2026	39I040-S3-006	94

EB OFF RAMP



STA. 409+50.00

EB OFF RAMP



STA. 409+33.23

SCALE:		
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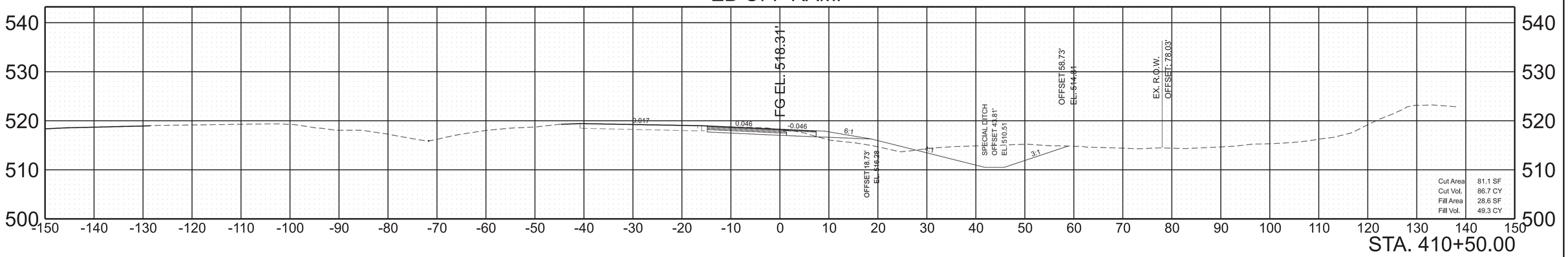
1"=10' VERT.	END STA.	409+50.00

2/10/2026 10:45:33 AM
C:\PW_WORKINGT\NIPARSONS_P008606GIDMS05796\39I040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	86
PIH	2025	39I040-S3-006	92
PS&E	2026	39I040-S3-006	95

EB OFF RAMP



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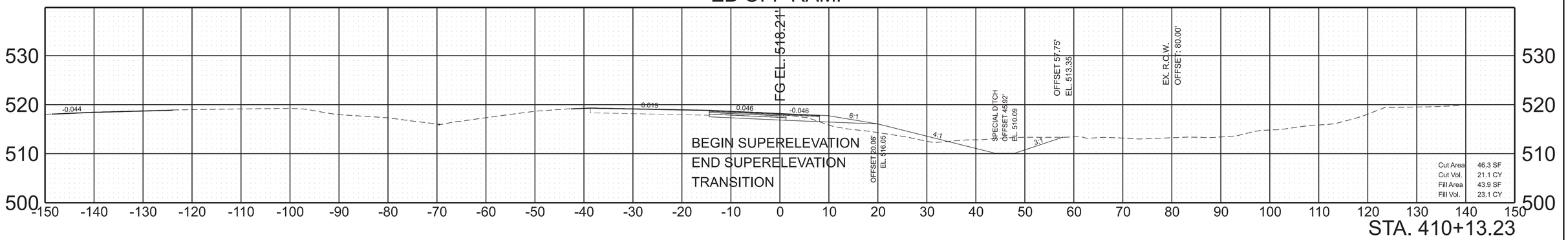
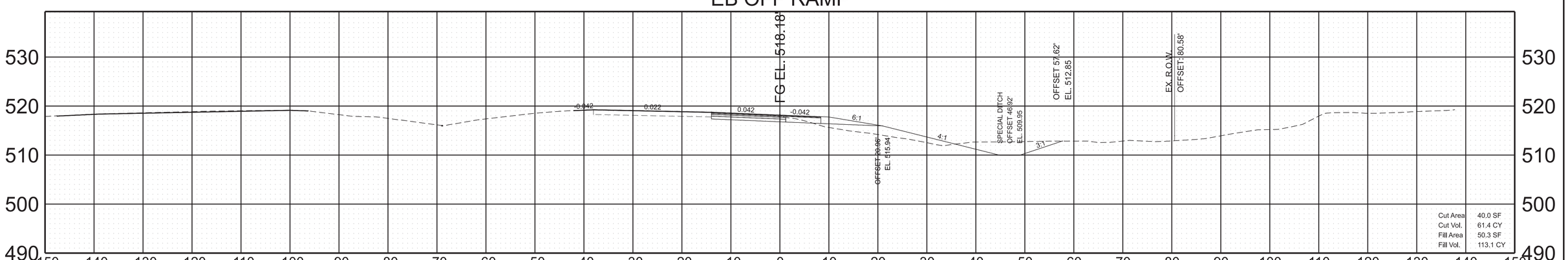


EB OFF RAMP



SCALE:		
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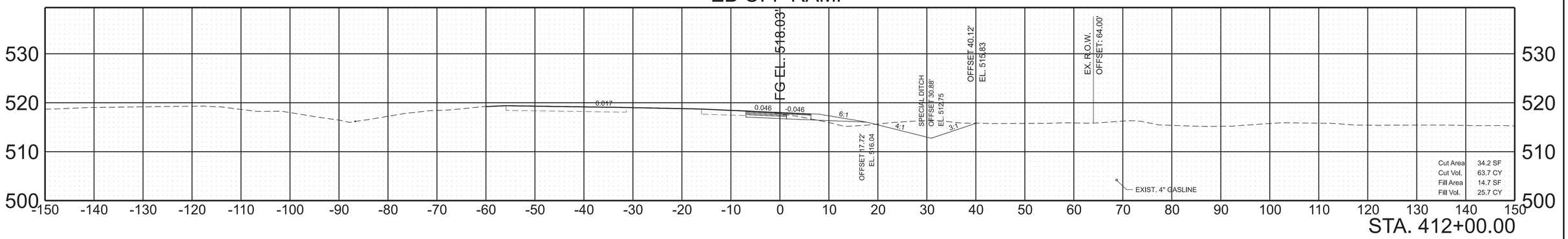
	1"=10' VERT.	END STA. 410+50.00

2/10/2026 10:45:38 AM
C:\PW_WORKING\TNPARSONS_P008606GIDMSD5796\39I040-SHT-XS-EB OFF.DGN

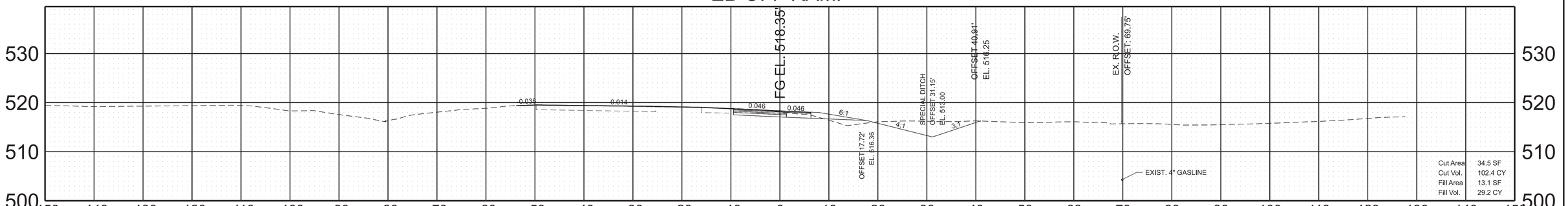
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	87
PIH	2025	39I040-S3-006	93
PS&E	2026	39I040-S3-006	96

EB OFF RAMP



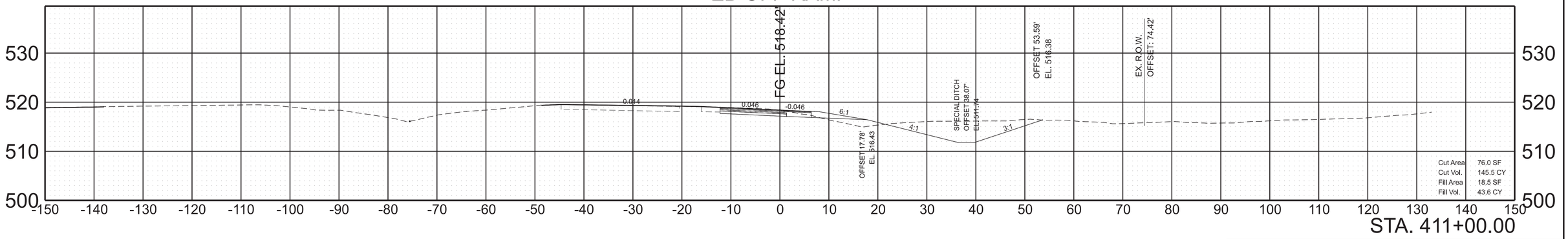
STA. 412+00.00

EB OFF RAMP



STA. 411+50.00

EB OFF RAMP



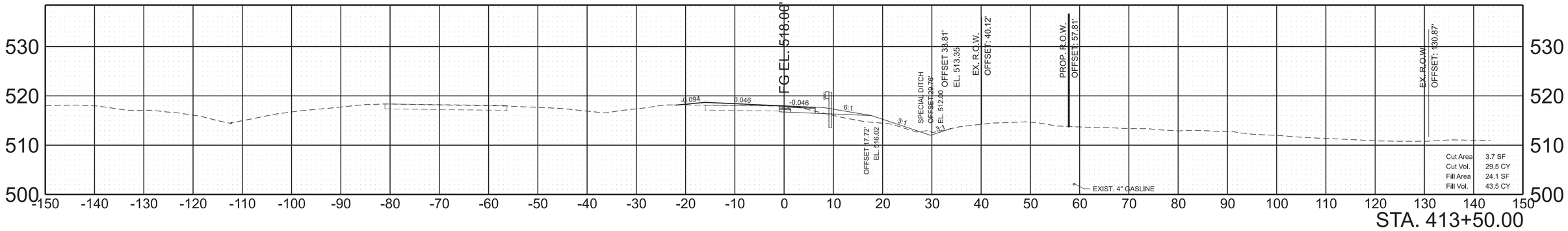
STA. 411+00.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 411+00.00
	1"=10' VERT.	END STA. 412+00.00

2/10/2026 10:45:43 AM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-EB OFF.DGN

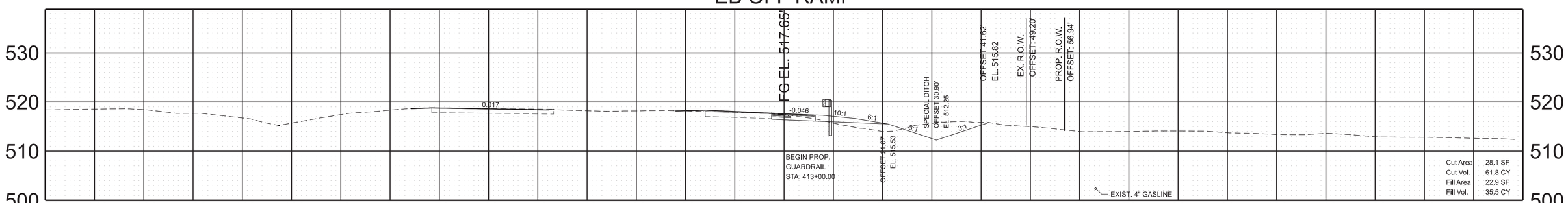
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	88
PIH	2025	39I040-S3-006	94
PS&E	2026	39I040-S3-006	97

EB OFF RAMP



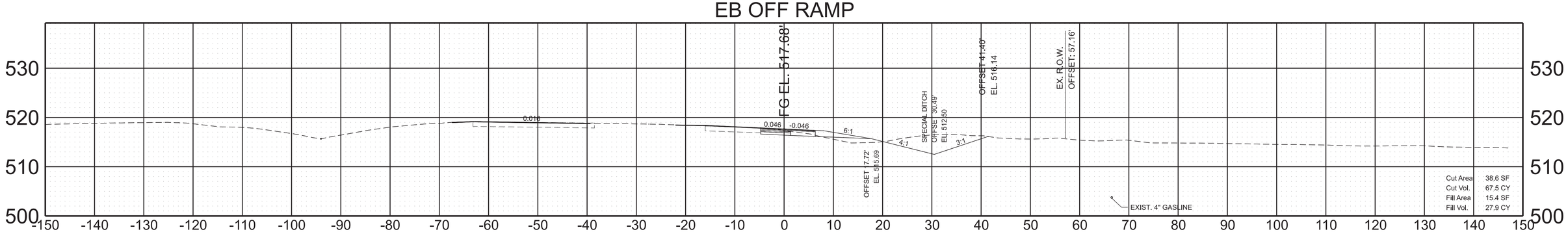
STA. 413+50.00

EB OFF RAMP



STA. 413+00.00

EB OFF RAMP



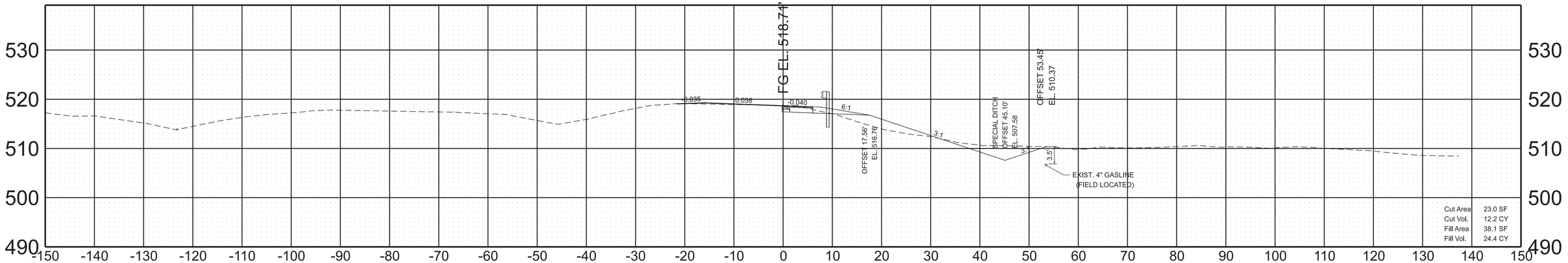
STA. 412+50.00

SCALE:	1"=10' HORIZ.	BEGIN STA. 412+50.00
	1"=10' VERT.	END STA. 413+50.00

2/10/2026 10:45:49 AM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-EB OFF.DGN

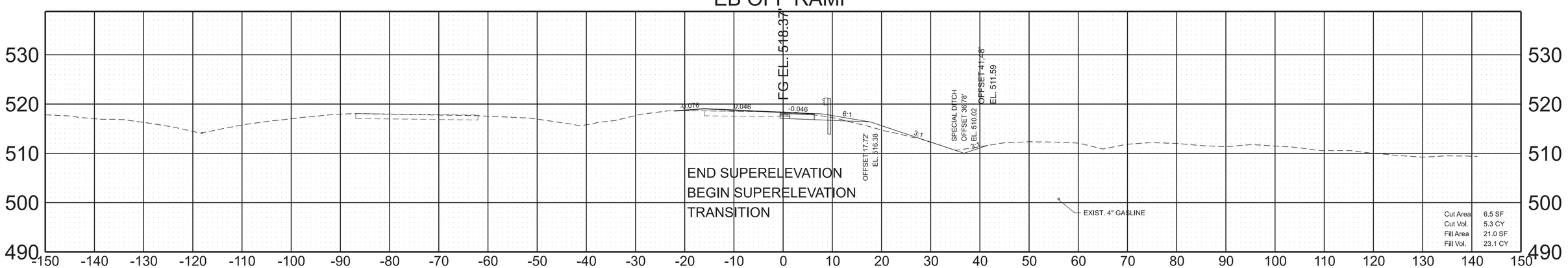
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	89
PIH	2025	39I040-S3-006	95
PS&E	2026	39I040-S3-006	98

EB OFF RAMP



STA. 414+00.00

EB OFF RAMP



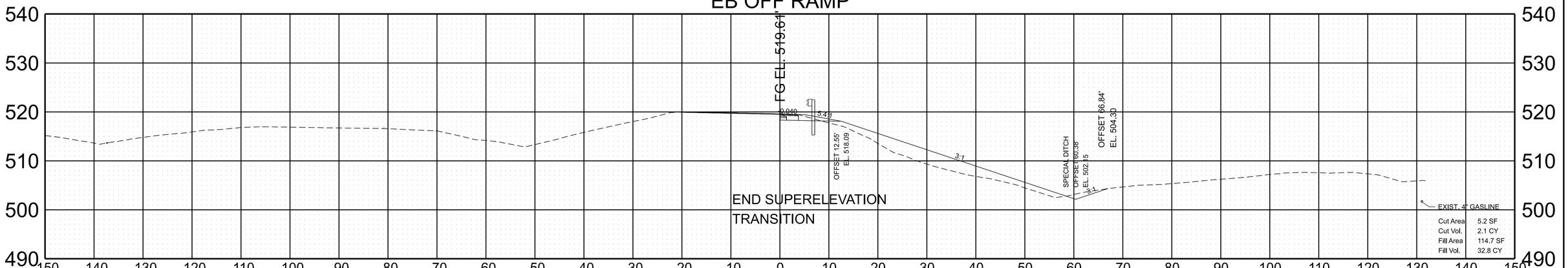
STA. 413+77.66

SCALE:	1"=10' HORIZ.	BEGIN STA. 413+77.66
	1"=10' VERT.	END STA. 414+00.00

2/10/2026 10:45:52 AM
C:\PW_WORKINGTN\PARSONS_P008606GIDMS057961391040-SHT-XS-EB OFF.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	90
PIH	2025	39I040-S3-006	96
PS&E	2026	39I040-S3-006	99

EB OFF RAMP



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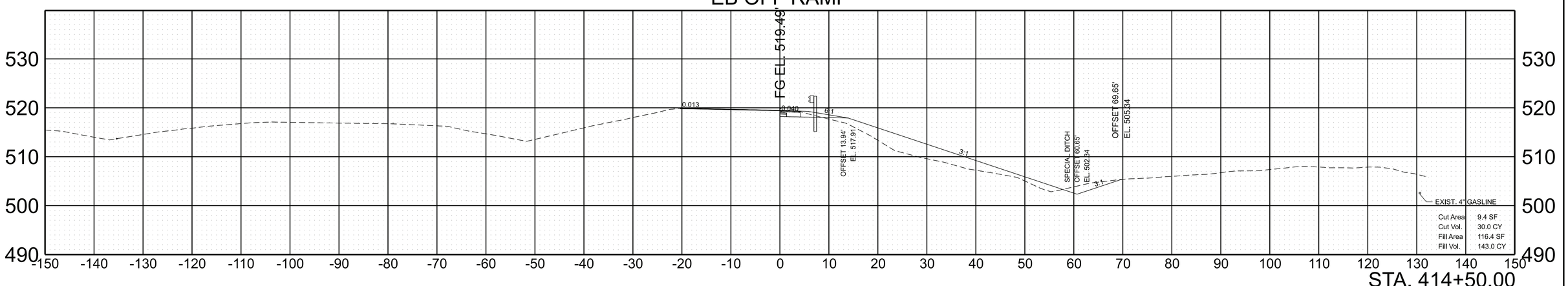

SCALE:		
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	1"=10' VERT.	END STA. 414+57.66

2/10/2026 10:45:57 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
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PIH	2025	39I040-S3-006	97
PS&E	2026	39I040-S3-006	100

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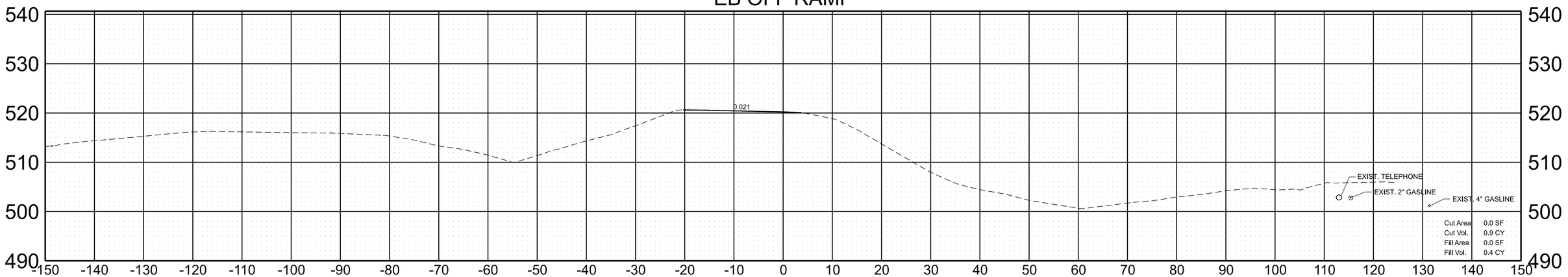

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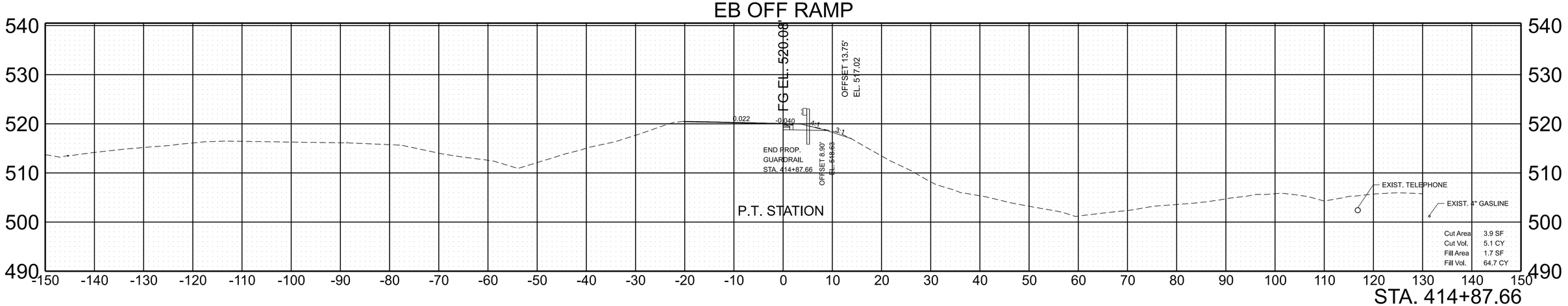

STA. 414+87.66

SCALE:	1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 414+87.66 END STA. 415+00.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T1
PIH	2025	39I040-S3-006	T1
PS&E	2026	39I040-S3-006	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

CHOUSE, SUNDKE, MOHAMMED, Registered Engineer, AGRICULTURE, TENNESSEE, No. 113578, STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL

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TRAFFIC CONTROL STAGING NOTES:

PHASE I

1. INSTALL ALL ADVANCE SIGNS ALONG I-40 AS PER PHASE I TRAFFIC CONTROL PLANS. REMOVE OR COVER ALL EXISTING SIGNS, WHICH ARE IN CONFLICT WITH PHASE I TRAFFIC CONTROL.
2. DURING OFF-PEAK HOURS, THE INSIDE TRAFFIC LANES ON I-40 EASTBOUND (EB) AND WESTBOUND (WB) WILL BE CLOSED. TRAFFIC WILL BE SHIFTED TO THE OUTSIDE LANES. TEMPORARY PAVEMENT WILL BE CONSTRUCTED AND THE INSIDE SHOULDER WILL BE STRENGTHENED AS SHOWN ON PHASE 1 TRAFFIC CONTROL PLAN. ADDITIONALLY, THE EXISTING GUARDRAIL AND CABLERAIL IN THE MEDAN WILL BE REMOVED AS REQUIRED. (1)

PHASE II

1. INSTALL SIGNS AS PER PHASE II TRAFFIC CONTROL PLANS. REMOVE OR COVER ALL TEMPORARY SIGNS NOT REQUIRED FOR THIS PHASE ON I-40 EASTBOUND AND WESTBOUND LANES. (1)
2. INSTALL TEMPORARY PAVEMENT MARKINGS AND PAVEMENT MARKERS AS SHOWN ON PLANS. SHIFT I-40 TRAFFIC TOWARD INSIDE LANES.
3. INSTALL PORTABLE CONCRETE RAIL AS SHOWN ON PHASE II PLANS.
4. EXTEND EXISTING CULVERTS AND CONSTRUCT DITCHES TO DRAIN.
5. CONSTRUCT PROPOSED WIDENING OF THE I-40 ACCELERATION AND DECELERATION LANES LEADING TO THE EB/WB ON-AND OFF-RAMPS.
6. REPLACE THE EXISTING GUARDRAIL ON THE RAMPS WHERE REQUIRED AND INSTALL THE PROPOSED GUARDRAIL AS SHOWN ON PLANS.

PHASE III (3)

1. INSTALL SIGNS AS PER PHASE III TRAFFIC CONTROL PLANS. REMOVE OR COVER ALL TEMPORARY SIGNS NOT REQUIRED FOR THIS PHASE ON I-40 EASTBOUND AND WESTBOUND LANES. (2)
2. INSTALL PORTABLE CONCRETE RAIL AS SHOWN ON PHASE III PLANS. (3)
3. FINALIZE I-40 GORE AREA CONSTRUCTION.
4. INSTALL NEW BRIDGE PROTECTION AS PER PLANS.

PHASE IV

1. INSTALL SIGNS AS PER PHASE IV TRAFFIC CONTROL PLANS. REMOVE OR COVER ALL TEMPORARY SIGNS NOT REQUIRED FOR THIS PHASE ON I-40 EASTBOUND AND WESTBOUND LANES.
2. REMOVE THE TEMPORARY PAVEMENT FROM STA. 1030+00 TO STA. 1048+05, RIGHT OF MEDIAN. THE INSIDE SHOULDER STRENGTHENING CONSTRUCTED IN PHASE 1 SHALL REMAIN IN PLACE.
3. MILL AND OVERLAY I-40, EB OFF-RAMP, EB ON-RAMP, WB ON-RAMP AND WB OFF-RAMP.
4. REMOVE TEMPORARY PAVEMENT MARKINGS AND PAVEMENT MARKERS. INSTALL PROPOSED SIGNS AND PROPOSED PAVEMENT MARKING AS PER PLANS. REMOVE ALL TEMPORARY SIGNS.

TABULATED TRAFFIC CONTROL QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PHASE I QUANTITY	PHASE II QUANTITY	PHASE III QUANTITY	PHASE IV QUANTITY	TOTAL QUANTITY 39I040-S3-006
202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.				1851	1851
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	10244				10244
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	TON	1417				1417
407-20.05	SAW CUTTING ASPHALT PAVEMENT	L.F.				1805	1805
411-03.10	ACS MIX(PG76-22) GRADING D	TON	831				831
712-01	TRAFFIC CONTROL	LS					1
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.		5000	1400	2000	5000
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH		4	4	1	9
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	205	290	126	168	290
712-05.01	WARNING LIGHTS (TYPE A)	EACH	18	24	20	20	24
712-06	SIGNS (CONSTRUCTION)	S.F.					1048
712-08.03	ARROW BOARD (TYPE C)	EACH	2				2
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	EACH					2
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	L.F.		27948	7838		35786
713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH		52	30		82
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH					2
716-01.11	RAISED PVMT MARKERS (BI-DIRECTIONAL) (1 COLOR LENS)	EACH	912	919	933		2764
716-01.14	RAISED PAVEMENT MARKER REMOVAL	EACH	912	919	933		2764
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	228				228
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.		5	2	1	8
716-05.50	PAINTED PAVEMENT MARKINGS(8" LINE)	L.F.		814	552		1366
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.		6	2		8

(1) INCLUDES REMOVAL OF TEMPORARY PAVEMENT IN PHASE 4, SEE SHEETS T28-T30.
(2) TO BE USED BEHIND PORTABLE BARRIER RAIL.
(3) TO BE USED AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")

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
E5-1a	EXIT GORE SIGN	96"		60"	40	-	-	2	-	2	80.00	T-WZ-64	
E5-2	EXIT OPEN	48"		36"	12	-	2	-	-	2	24.00	T-WZ-64	
G20-2	END ROAD WORK	48"		24"	8	6	6	6	6	6	48.00	T-WZ-16	
R1-2	YIELD	48"		48"	7	2	2	2	2	2	13.86	T-WZ-63	
R4-9	STAY IN LANE	48"		60"	20	-	4	4	-	4	80.00	T-WZ-16	
TN-44	WORKERS PRESENT	78"		60"	33	4	4	4	4	4	130.00	T-WZ-16	
W1-4bL	LANE SHIFT ARROW SIGN (LEFT) (2 LANES)	48"		48"	16	-	8	6	4	8	128.00	T-WZ-16	
W1-4bR	LANE SHIFT ARROW SIGN (RIGHT) (2 LANES)	48"		48"	16	-	4	2	4	4	64.00	T-WZ-16	
W3-2	YIELD AHEAD	48"		48"	16	2	2	2	2	2	32.00	T-WZ-63	
W4-2L	LEFT LANE ENDS	48"		48"	16	4	-	-	-	4	64.00	T-WZ-14	
W4-2R	RIGHT LANE ENDS	48"		48"	16	-	2	-	-	2	32.00	T-WZ-14	
W20-1	ROAD WORK AHEAD	48"		48"	16	2	2	2	2	2	32.00	T-WZ-16	
W20-1	ROAD WORK 1 MILE	48"		48"	16	-	4	4	4	4	64.00	T-WZ-16	
W20-1	ROAD WORK 1/2 MILE	48"		48"	16	-	4	4	4	4	64.00	T-WZ-16	
W20-5L	LEFT LANE CLOSED 1 MILE	48"		48"	16	4	-	-	-	4	64.00	T-WZ-11	
W20-5L	LEFT LANE CLOSED 1/2 MILE	48"		48"	16	4	-	-	-	4	64.00	T-WZ-11	
W20-5L	LEFT LANE CLOSED 1500FT	48"		48"	16	4	-	-	-	4	64.00	T-WZ-11	
										TOTAL	1048	S.F.	

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T2
PIH	2025	39I040-S3-006	T2
PS&E	2026	39I040-S3-006	T2

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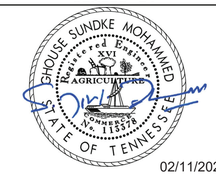

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND, AND TABULATION

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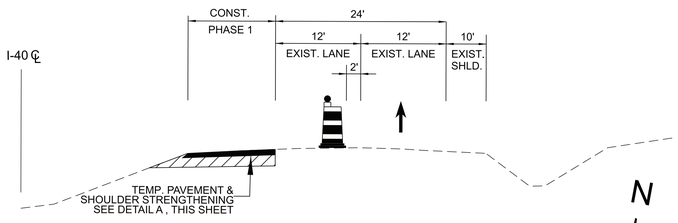
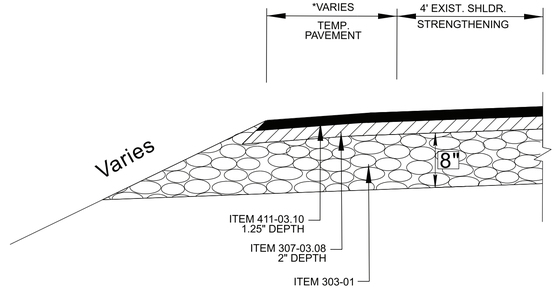
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)



TYPICAL SECTION

I-40 EB & WB

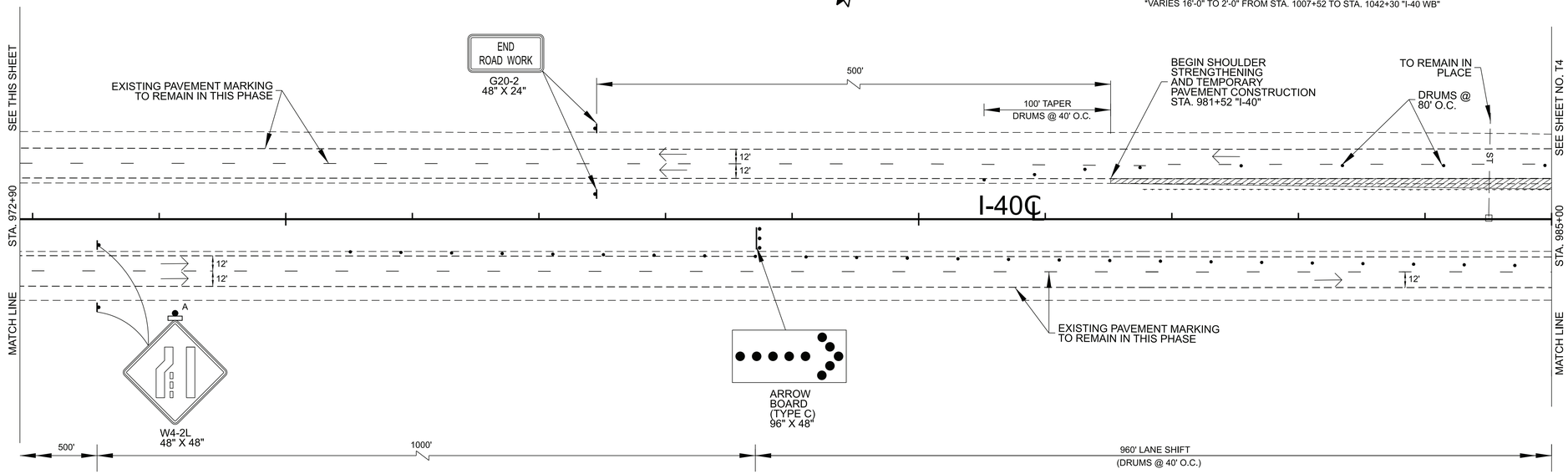


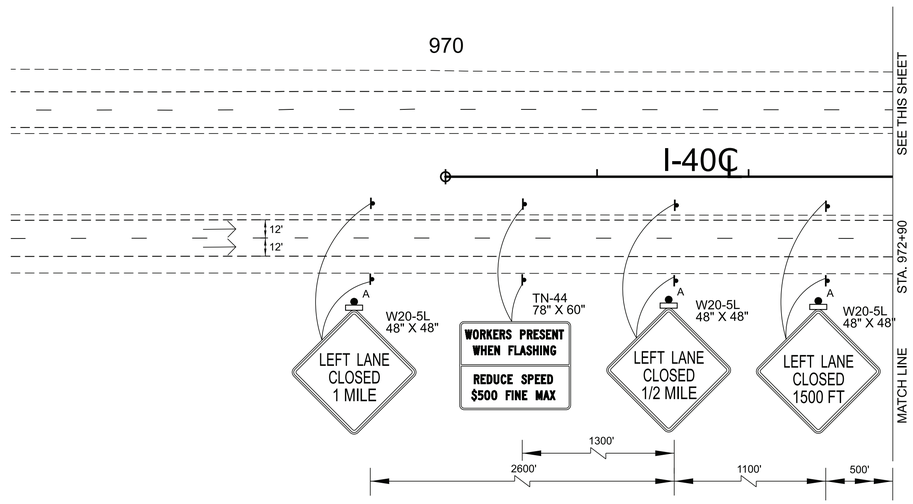
975 980 985

DETAIL A

N.T.S.

"VARIES 2'-0" TO 15'-0" FROM STA. 988+31 TO STA. 1023+02 "I-40 EB"
"VARIES 15'-0" TO 15'-5" FROM STA. 1023+03 TO STA. 1040+45 "I-40 EB"
"VARIES 15'-5" TO 2'-0" FROM STA. 1040+45 TO STA. 1048+05 "I-40 EB"
"VARIES 2'-0" TO 15'-0" FROM STA. 981+52 TO STA. 1001+18 "I-40 WB"
"VARIES 15'-0" TO 16'-0" FROM STA. 1001+18 TO STA. 1007+52 "I-40 WB"
"VARIES 16'-0" TO 2'-0" FROM STA. 1007+52 TO STA. 1042+30 "I-40 WB"





TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T3
PIH	2025	39I040-S3-006	T3
PS&E	2026	39I040-S3-006	T3

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CHOUSE SUNDKE MOHAMMED
Registered Engineer
No. 115578
STATE OF TENNESSEE
02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 970+00.00 TO STA. 985+00.00
SCALE: 1" = 50'

PHASE I

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T4
PIH	2025	39I040-S3-006	T4
PS&E	2026	39I040-S3-006	T4

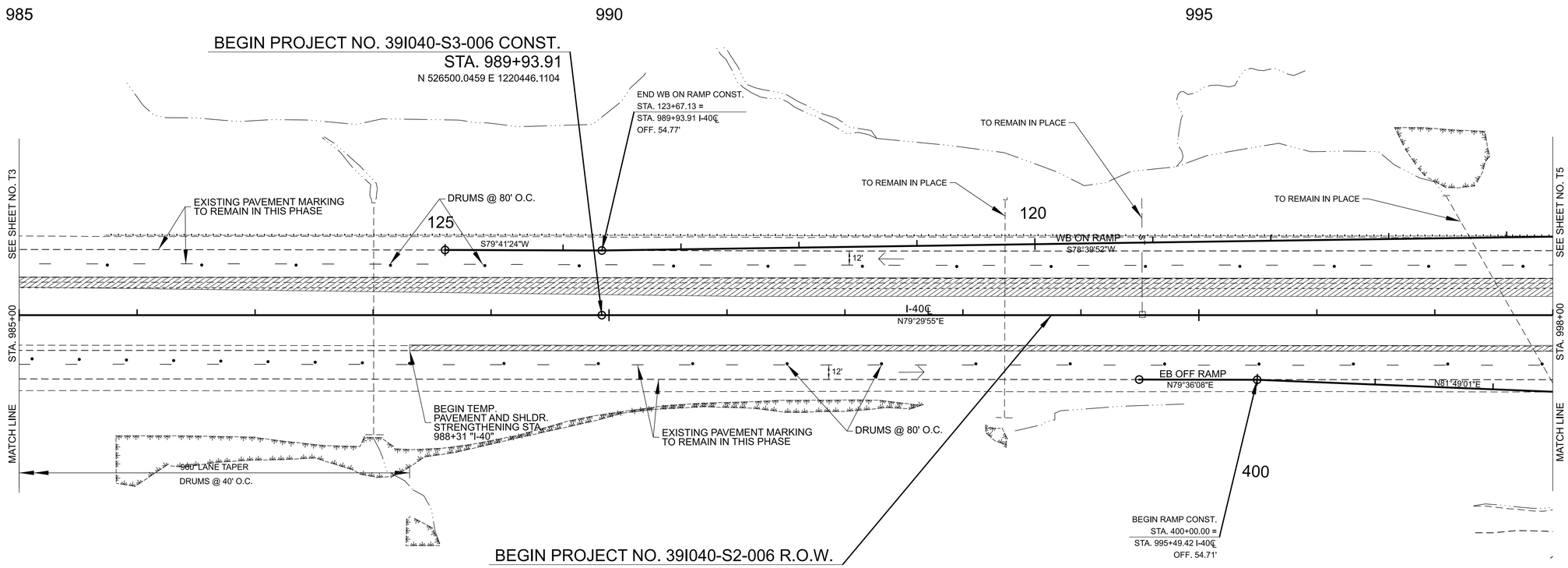
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)

NOTE:

(1) SEE SHEET T3 FOR TRAFFIC CONTROL TYPICAL SECTION.

(2) REFER TO SHEETS T31-T97 FOR PHASE 1 TEMPORARY AND SHOULDER STRENGTHENING CROSS-SECTIONS

N



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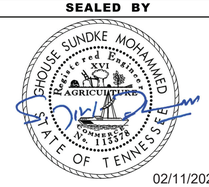

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 985+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

PHASE I

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T5
PIH	2025	39I040-S3-006	T5
PS&E	2026	39I040-S3-006	T5

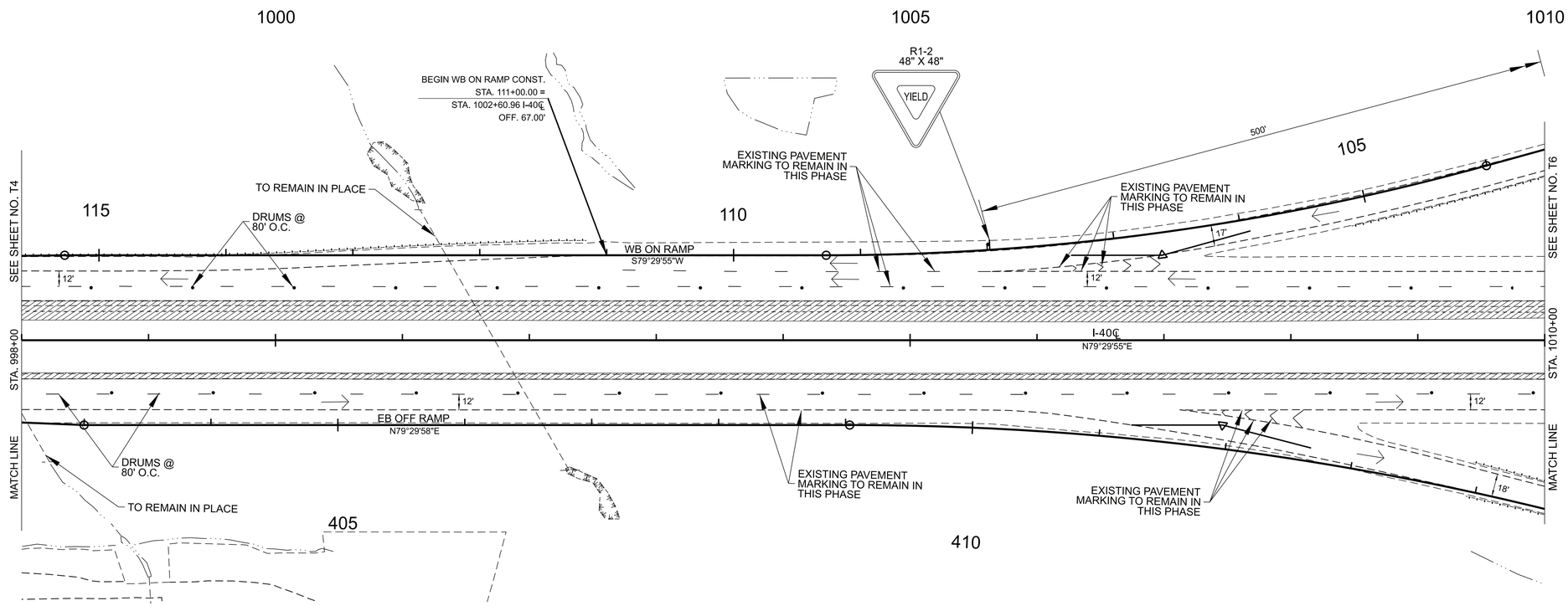
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)

NOTE:

(1) SEE SHEET T3 FOR TRAFFIC CONTROL TYPICAL SECTION.

(2) REFER TO SHEETS T31-T97 FOR PHASE 1 TEMPORARY AND SHOULDER STRENGTHENING CROSS-SECTIONS

N



PHASE I

SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
No. 115378
AGRICULTURE
TENNESSEE
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T6
PIH	2025	39I040-S3-006	T6
PS&E	2026	39I040-S3-006	T6

N

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)

NOTE:
(1) SEE SHEET T3 FOR TRAFFIC CONTROL TYPICAL SECTION.
(2) REFER TO SHEETS T31-T97 FOR PHASE 1 TEMPORARY AND SHOULDER STRENGTHENING CROSS-SECTIONS

G20-2
48" X 24"
END
ROAD WORK

W3-2
48" X 48"

W20-1
48" X 48"
A

ROAD
WORK
AHEAD

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp
N 527168.0262 E 1222708.3709

500'

100

220

1015

1010

525

BEGIN RAMP
MILL & OVERLAY
STA. 100+20.90

END RAMP
MILL & OVERLAY
STA. 221+07.56

TO REMAIN IN PLACE

1020

500'

S64°9'41"W

WB ON RAMP

WB OFF RAMP

S89°23'08"W

215

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp
N 527166.0498 E 1222709.3026

END RAMP CONST.
STA. 212+97.07

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104
N 526939.3630 E 1222816.1528

DRUMS @
80' O.C.

EXISTING PAVEMENT
MARKING TO REMAIN IN
THIS PHASE

SEE SHEET NO. T5

SEE SHEET NO. T7

STA. 1010+00

STA. 1022+00

12'

I-40℄
N79°29'55"E

MATCH LINE

MATCH LINE

EXISTING PAVEMENT
MARKING TO REMAIN IN
THIS PHASE

DRUMS @
80' O.C.

TO REMAIN IN PLACE

BEGIN RAMP
MILL & OVERLAY
STA. 300+12.51

525

17'

16'

EB ON RAMP N69°47'26"E

500'

W3-2
48" X 48"

305

TO REMAIN IN PLACE

TO REMAIN IN PLACE

EB OFF RAMP

S85°56'29"E

415

END RAMP CONST.
STA. 414+87.66

TO REMAIN IN PLACE

END RAMP
MILL & OVERLAY
STA. 419+29.59

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp
N 526723.6436 E 1222917.8335

STA. 518+77.29 SR104=
STA. 0+00.00 EB Off Ramp
N 526700.6365 E 1222928.7249

W20-1
48" X 48"
A

ROAD
WORK
AHEAD

G20-2
48" X 24"
END
ROAD WORK

500'

PHASE I

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02/11/2026

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TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T7
PIH	2025	39I040-S3-006	T7
PS&E	2026	39I040-S3-006	T7

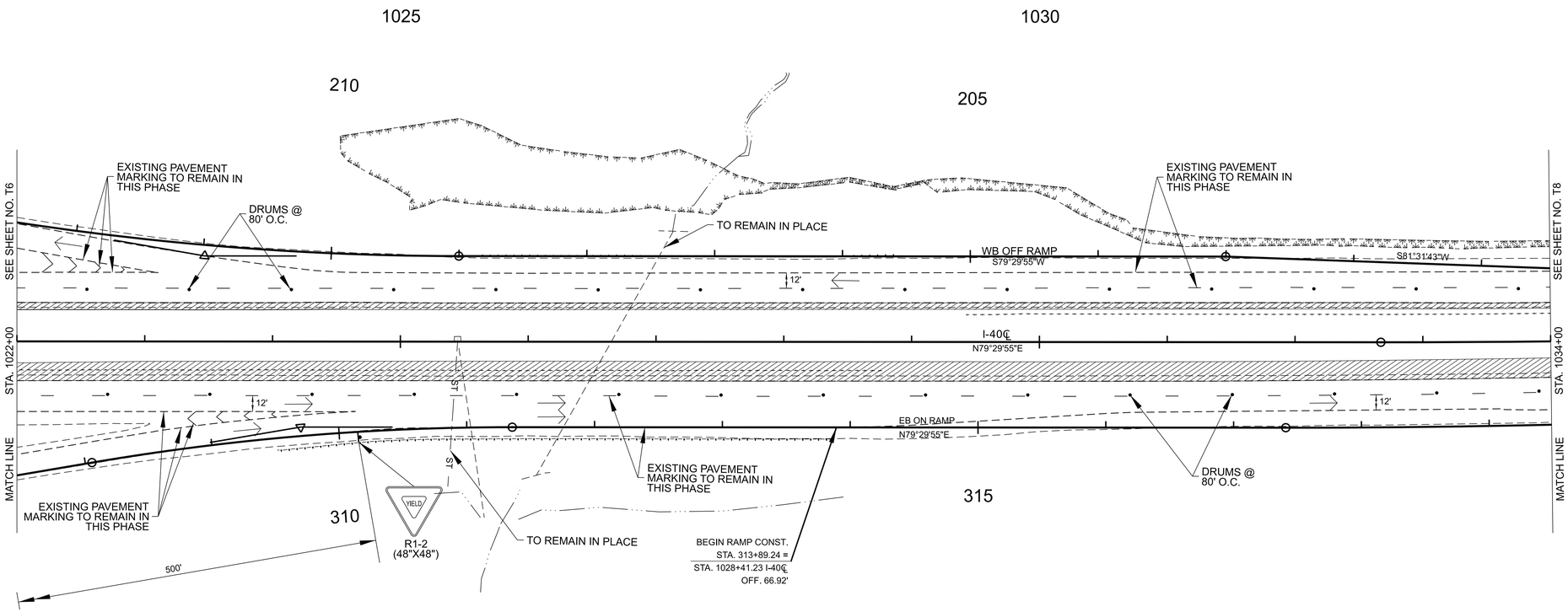
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)

NOTE:

(1) SEE SHEET T3 FOR TRAFFIC CONTROL TYPICAL SECTION.

(2) REFER TO SHEETS T31-T97 FOR PHASE 1 TEMPORARY AND SHOULDER STRENGTHENING CROSS-SECTIONS.

N



SEALED BY

CHOUSE SUNDKE MOHAMMED
REGISTERED ENGINEER
No. 115178
AGRICULTURE
COMMISSIONER
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

PHASE I

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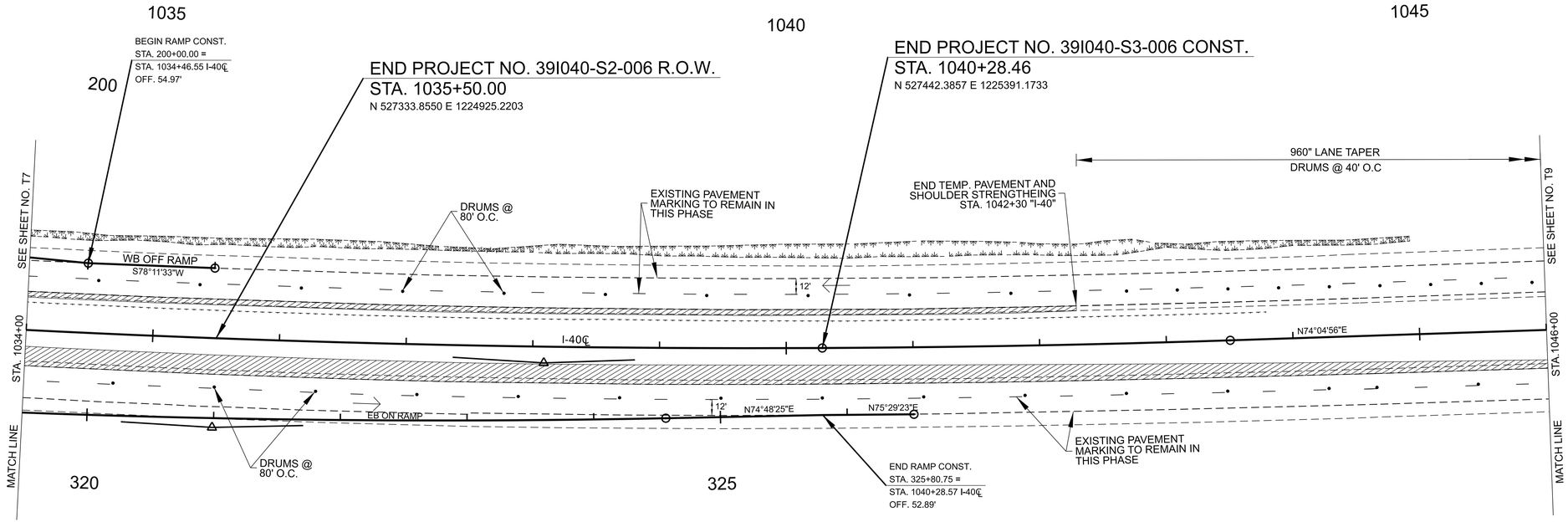
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T8
PIH	2025	39I040-S3-006	T8
PS&E	2026	39I040-S3-006	T8

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)

NOTE:

(1) SEE SHEET T3 FOR TRAFFIC CONTROL TYPICAL SECTION.

(2) REFER TO SHEETS T31-T97 FOR PHASE 1 TEMPORARY AND SHOULDER STRENGTHENING CROSS-SECTIONS.



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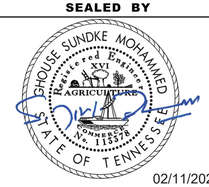

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1034+00.00 TO STA. 1046+00.00
SCALE: 1" = 50'

PHASE I

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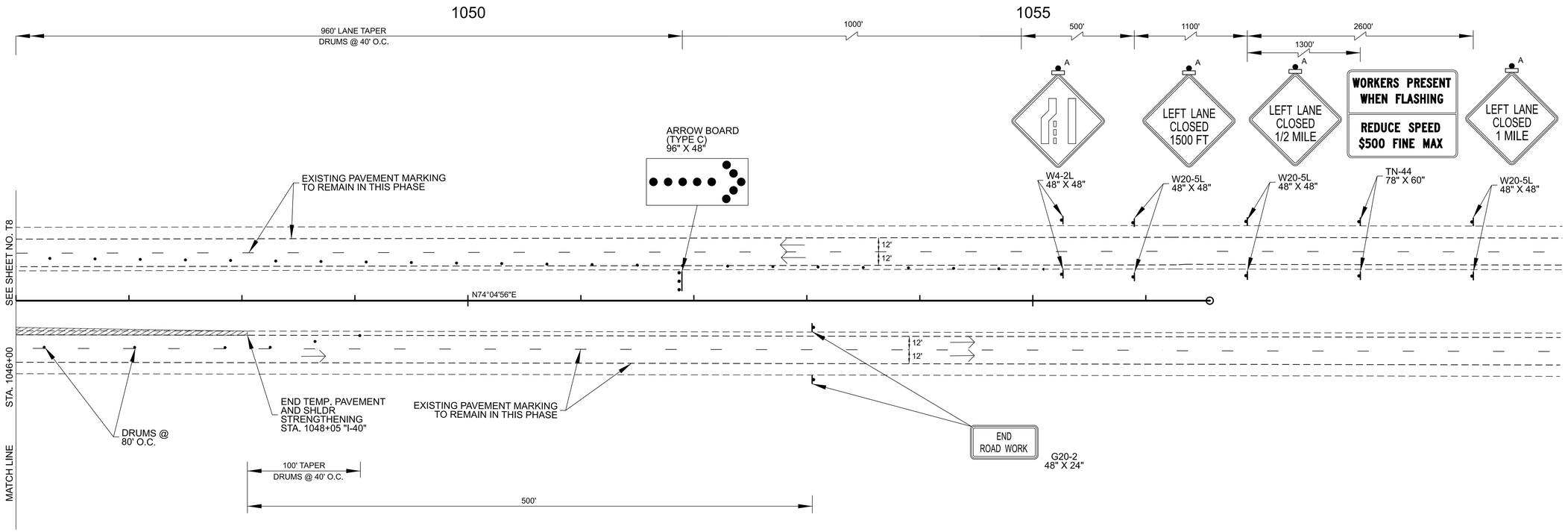
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T9
PIH	2025	39I040-S3-006	T9
PS&E	2026	39I040-S3-006	T9

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)

NOTE:

(1) SEE SHEET T3 FOR TRAFFIC CONTROL TYPICAL SECTION.

(2) REFER TO SHEETS T31-T97 FOR PHASE 1 TEMPORARY PAVEMENT AND SHOULDER STRENGTHENING CROSS SECTIONS.



SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
NUMBER 115178
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1046+00.00 TO STA. 1060+00.00
SCALE: 1" = 50'

PHASE I

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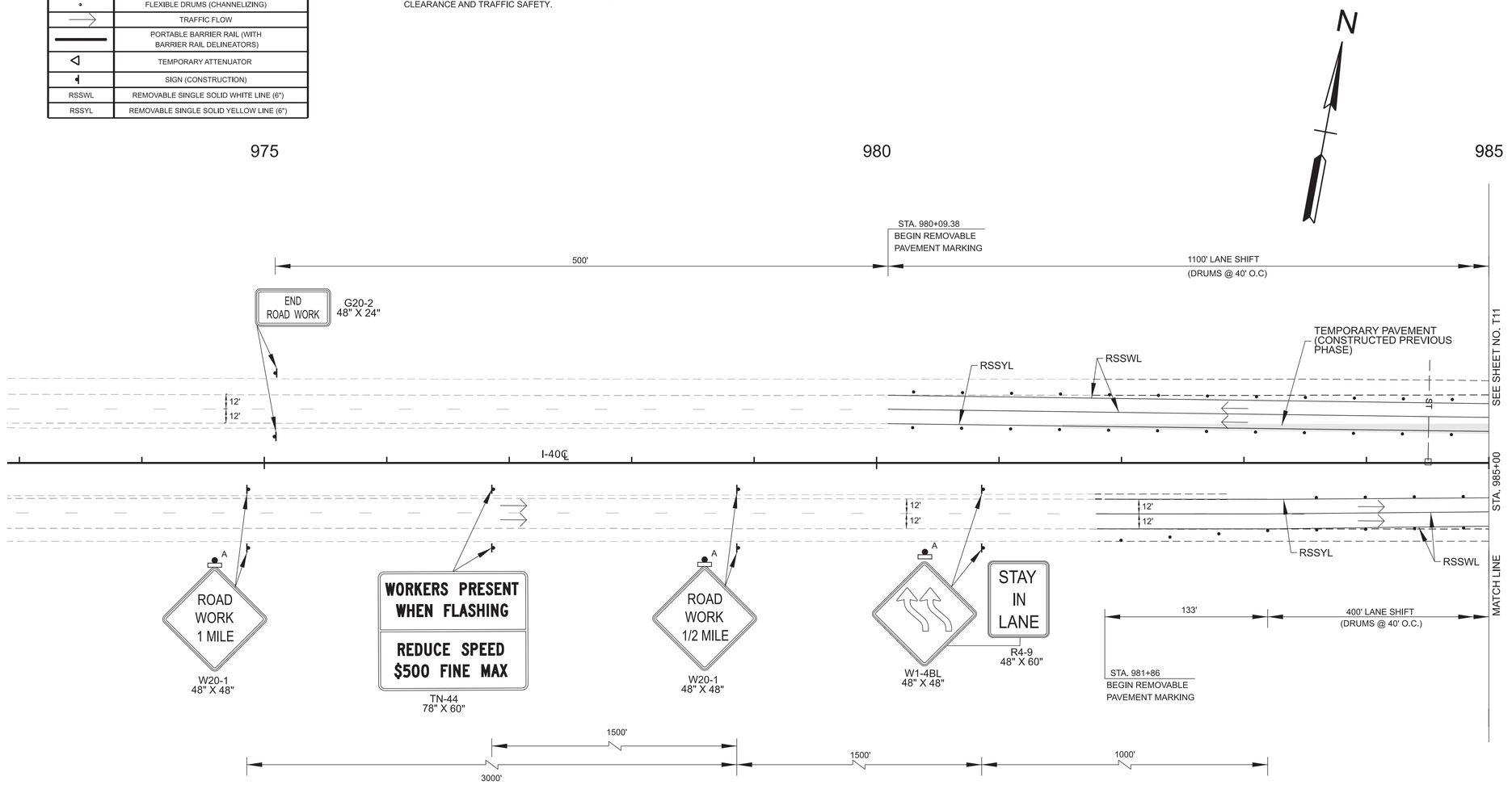
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")

NOTE:

(1) ANY TEMPORARY WORK ZONE SIGN INSTALLED ON OR ADJACENT TO PORTABLE BARRIER RAIL SHALL BE POSITIONED BEHIND THE BARRIER RAIL TO MAINTAIN REQUIRED LATERAL CLEARANCE AND TRAFFIC SAFETY.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T10
PIH	2025	39I040-S3-006	T10
PS&E	2026	39I040-S3-006	T10



PHASE II

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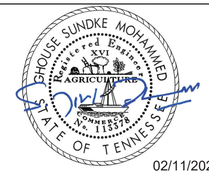

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 970+00.00 TO STA. 985+00.00
SCALE: 1" = 50'

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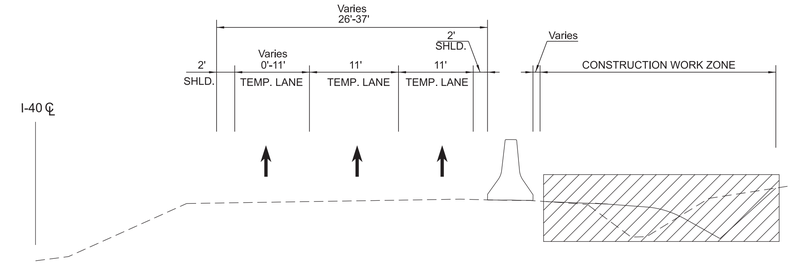
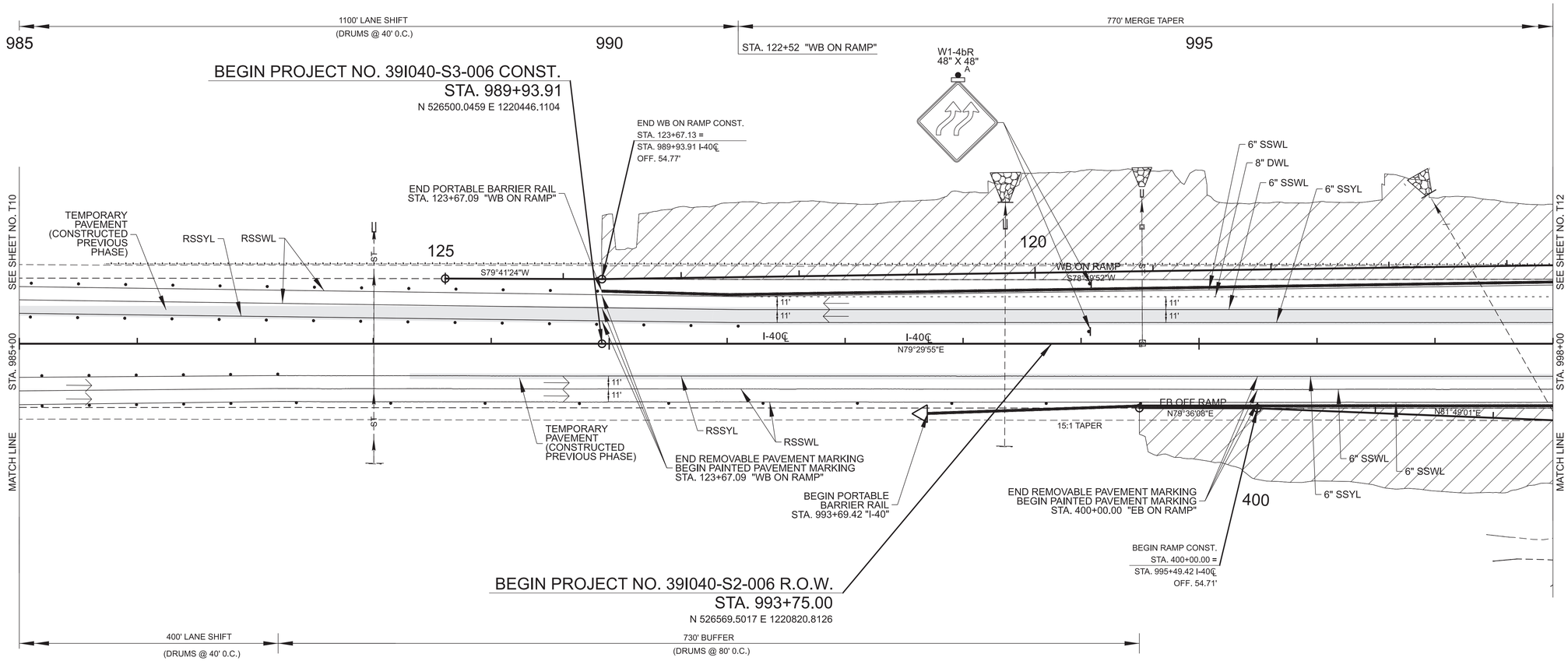
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RDSWL	REMOVABLE DOTTED SOLID WHITE LINE (8")
SSWL	PAINTED SINGLE SOLID WHITE LINE
SSYL	PAINTED SINGLE SOLID YELLOW LINE
DWL	PAINTED DOTTED WHITE LINE



TYPICAL SECTION

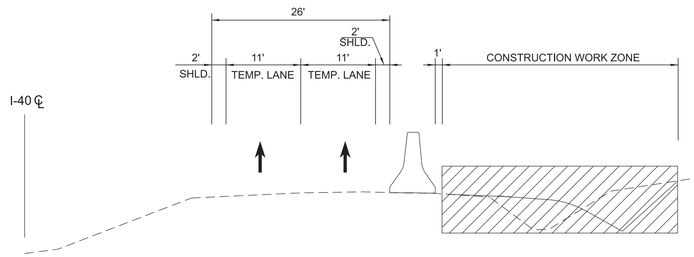
STA. 111+00.00 TO STA. 123+67.13
WB ON RAMP

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T11
PIH	2025	39I040-S3-006	T11
PS&E	2026	39I040-S3-006	T11



NOTE:

(1) ANY TEMPORARY WORK ZONE SIGN INSTALLED ON OR ADJACENT TO PORTABLE BARRIER RAIL SHALL BE POSITIONED BEHIND THE BARRIER RAIL TO MAINTAIN REQUIRED LATERAL CLEARANCE AND TRAFFIC SAFETY.



TYPICAL SECTION

STA. 400+00.00 TO STA. 414+87.66
EB OFF RAMP

PHASE II

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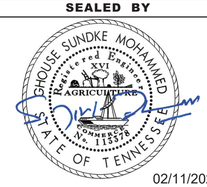

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 985+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

2/9/2026 9:56:44 PM
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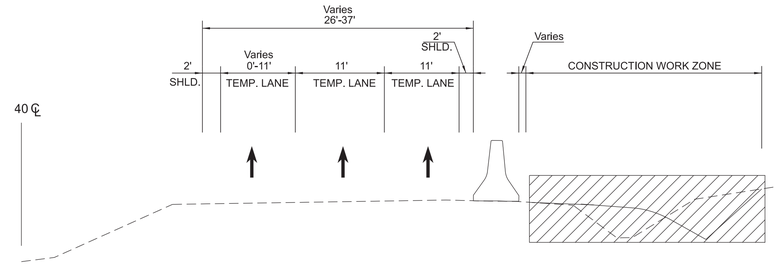
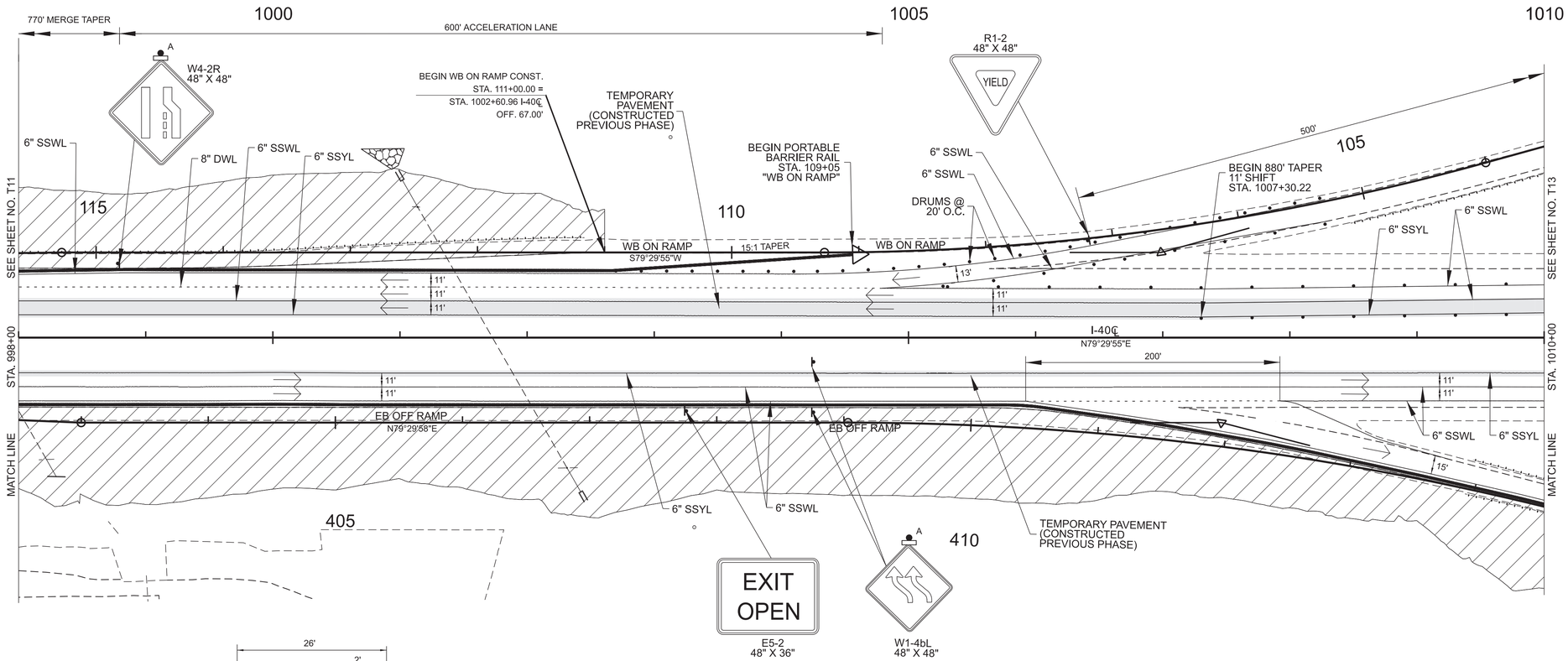
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RDSWL	REMOVABLE DOTTED SOLID WHITE LINE (8")
SSWL	PAINTED SINGLE SOLID WHITE LINE
SSYL	PAINTED SINGLE SOLID YELLOW LINE
DWL	PAINTED DOTTED WHITE LINE

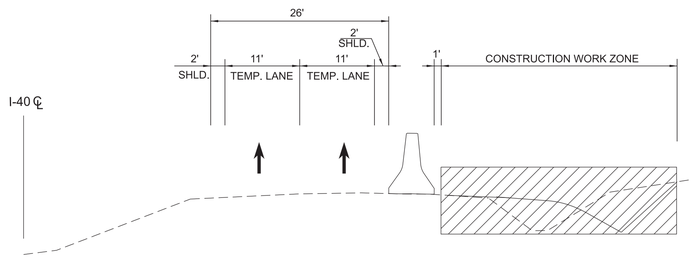


TYPICAL SECTION

STA. 111+00.00 TO STA. 123+67.13
WB ON RAMP

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T12
PIH	2025	39I040-S3-006	T12
PS&E	2026	39I040-S3-006	T12





TYPICAL SECTION

STA. 400+00.00 TO STA. 414+87.66
EB OFF RAMP

NOTE:

(1) ANY TEMPORARY WORK ZONE SIGN INSTALLED ON OR ADJACENT TO PORTABLE BARRIER RAIL SHALL BE POSITIONED BEHIND THE BARRIER RAIL TO MAINTAIN REQUIRED LATERAL CLEARANCE AND TRAFFIC SAFETY.

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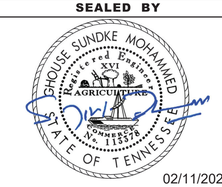

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

PHASE II

2/9/2026 9:57:06 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T13
PIH	2025	39I040-S3-006	T13
PS&E	2026	39I040-S3-006	T13

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RDSWL	REMOVABLE DOTTED SOLID WHITE LINE (8")
SSWL	PAINTED SINGLE SOLID WHITE LINE
SSYL	PAINTED SINGLE SOLID YELLOW LINE
DWL	PAINTED DOTTED WHITE LINE

N

G20-2
48" X 24"
END
ROAD WORK

ROAD
WORK
AHEAD
W20-1
48" X 48"

W3-2
48" X 48"

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp
N 527168.0262 E 1222708.3709

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp
N 527166.0498 E 1222709.3026

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104
N 526939.3630 E 1222816.1528

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp
N 526723.6436 E 1222917.8335

STA. 518+77.29 SR104=
STA. 0+00.00 EB Off Ramp
N 526700.6365 E 1222928.7249

1010 525 500' S64°04'41"W WB ON RAMP

100 220 1015 1020

WB OFF RAMP S89°23'08"W 300' LANE SHIFT (DRUMS @ 20' O.C.)

215

END PORTABLE BARRIER RAIL STA. 212+97.07 "WB OFF RAMP"

END RAMP CONST. STA. 212+97.07

14'

DRUMS @ 40' O.C.

6" SSWL 6" SSWL 6" SSYL

END 880' TAPER 11' SHIFT STA. 1016+10.60

TEMPORARY PAVEMENT (CONSTRUCTED PREVIOUS PHASE)

SR 104 MATCH LINE

SEE SHEET NO. T12

SEE SHEET NO. T14

STA. 1010+00

STA. 1022+00

11' 11' 11' 11'

I-40℄ N79°29'55"E

6" SSWL 6" SSYL 6" SSWL

880' LANE SHIFT (DRUMS @ 40' O.C.)

END PORTABLE BARRIER RAIL STA. 414+87.66 "EB OFF RAMP"

TEMPORARY PAVEMENT (CONSTRUCTED PREVIOUS PHASE)

13'

520

EB ON RAMP N69°47'26"E 500'

6" SSWL

EB OFF RAMP S85°56'29"E 300' LANE SHIFT (DRUMS @ 20' O.C)

415 305

END RAMP CONST. STA. 414+87.66

W3-2
48" X 48"

G20-2
48" X 24"
END
ROAD WORK

ROAD
WORK
AHEAD
W20-1
48" X 48"

PHASE II

NOTE:

(1) ANY TEMPORARY WORK ZONE SIGN INSTALLED ON OR ADJACENT TO PORTABLE BARRIER RAIL SHALL BE POSITIONED BEHIND THE BARRIER RAIL TO MAINTAIN REQUIRED LATERAL CLEARANCE AND TRAFFIC SAFETY.

SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
No. 115278
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

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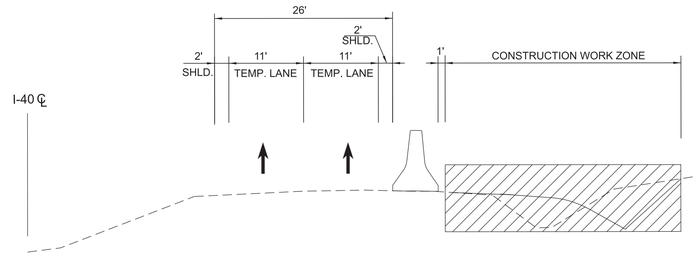
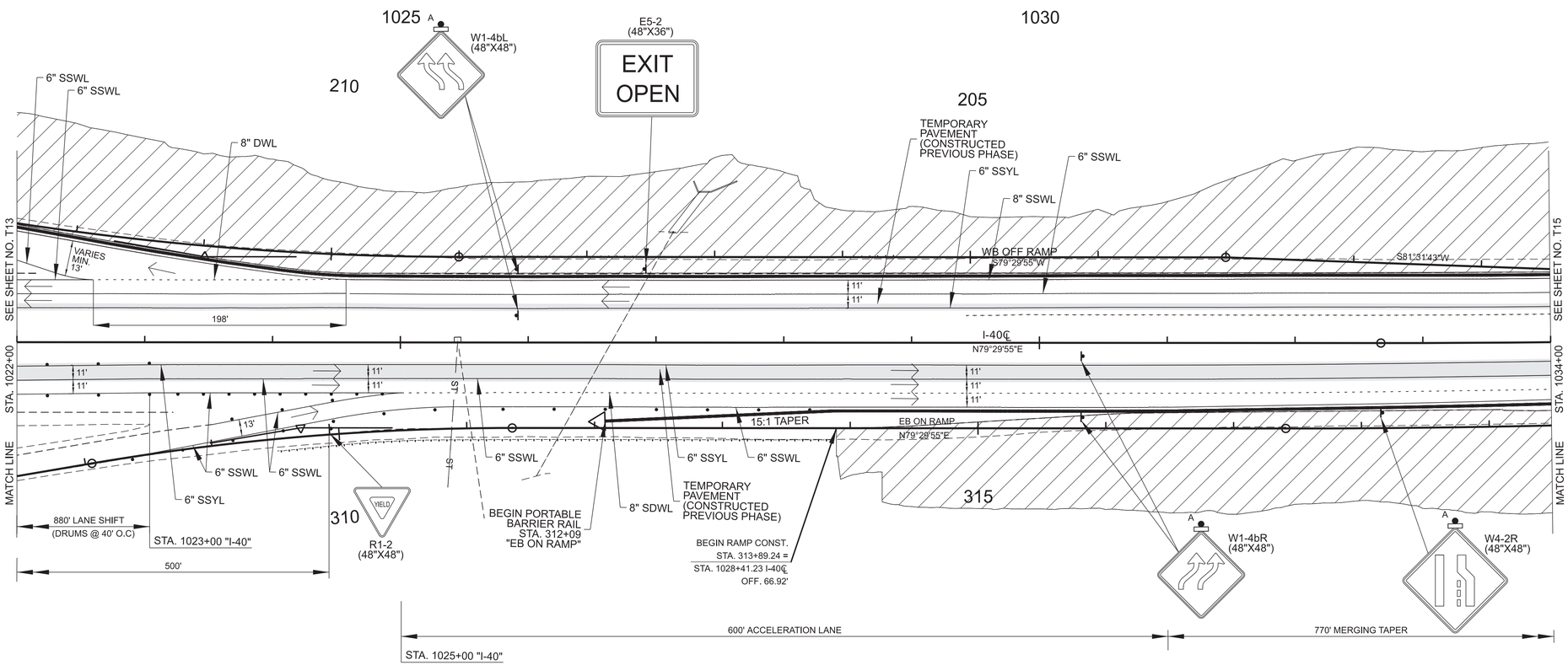
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T14
PIH	2025	39I040-S3-006	T14
PS&E	2026	39I040-S3-006	T14

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RDSWL	REMOVABLE DOTTED SOLID WHITE LINE (8")
SSWL	PAINTED SINGLE SOLID WHITE LINE
SSYL	PAINTED SINGLE SOLID YELLOW LINE
DWL	PAINTED DOTTED WHITE LINE



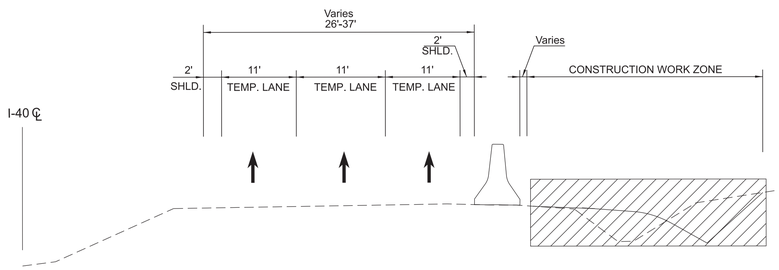
TYPICAL SECTION

STA. 200+00.00 TO STA. 214+01.27
WB OFF RAMP



NOTE:

(1) ANY TEMPORARY WORK ZONE SIGN INSTALLED ON OR ADJACENT TO PORTABLE BARRIER RAIL SHALL BE POSITIONED BEHIND THE BARRIER RAIL TO MAINTAIN REQUIRED LATERAL CLEARANCE AND TRAFFIC SAFETY.

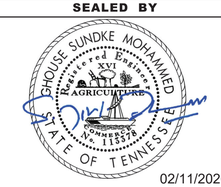


TYPICAL SECTION

STA. 313+89.24 TO STA. 325+80.75
EB ON RAMP

PHASE II

SEALED BY



02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

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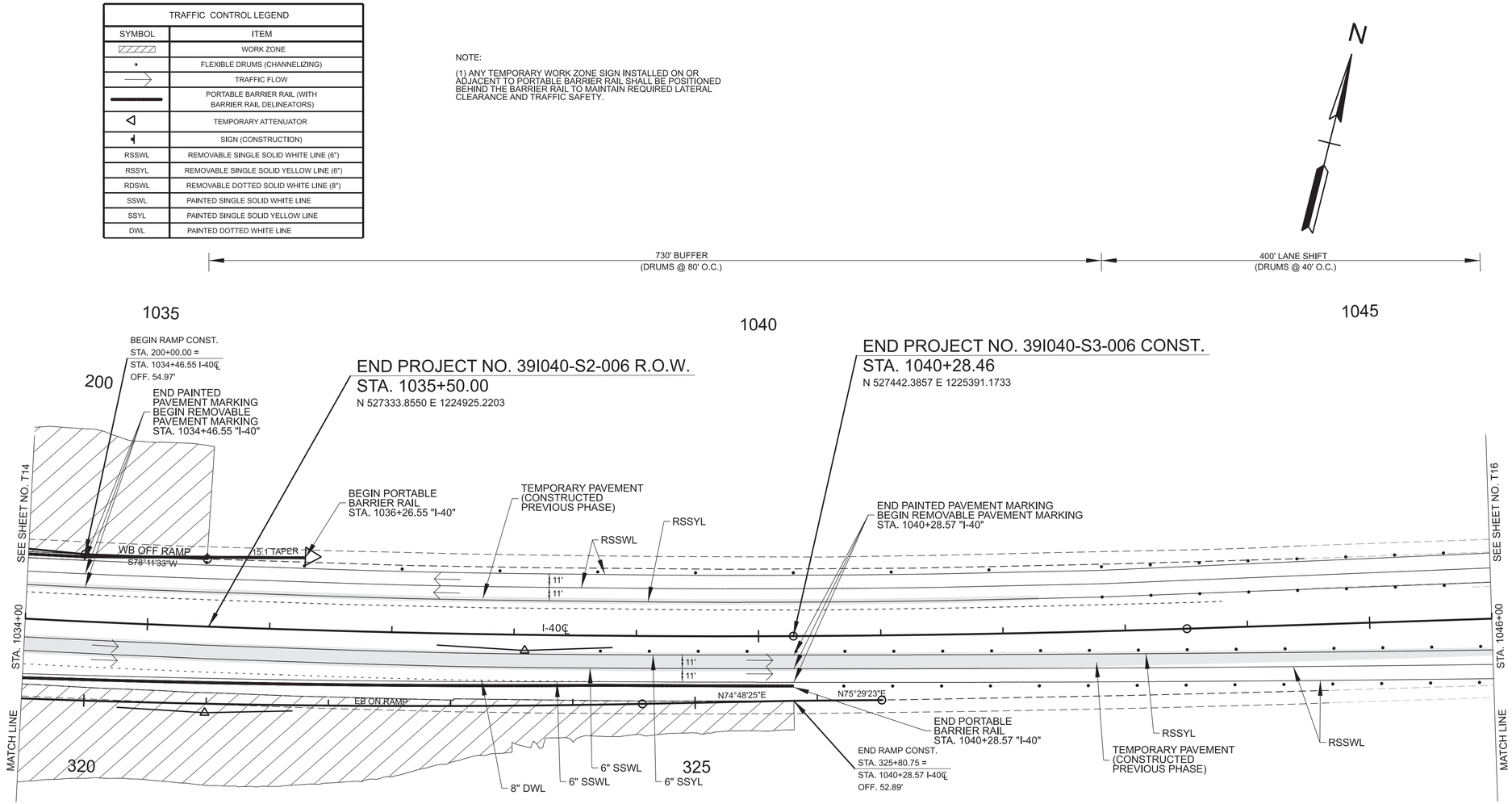
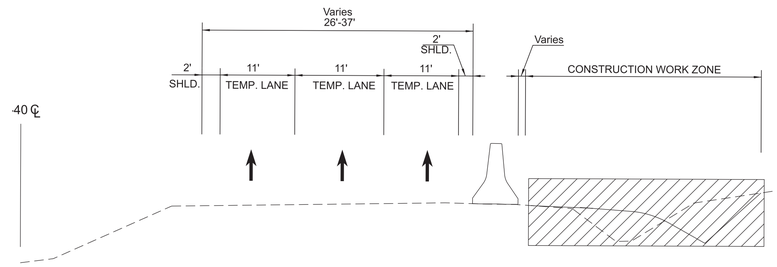
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RDSWL	REMOVABLE DOTTED SOLID WHITE LINE (8")
SSWL	PAINTED SINGLE SOLID WHITE LINE
SSYL	PAINTED SINGLE SOLID YELLOW LINE
DWL	PAINTED DOTTED WHITE LINE

NOTE:

(1) ANY TEMPORARY WORK ZONE SIGN INSTALLED ON OR ADJACENT TO PORTABLE BARRIER RAIL SHALL BE POSITIONED BEHIND THE BARRIER RAIL TO MAINTAIN REQUIRED LATERAL CLEARANCE AND TRAFFIC SAFETY.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T15
PIH	2025	39I040-S3-006	T15
PS&E	2026	39I040-S3-006	T15





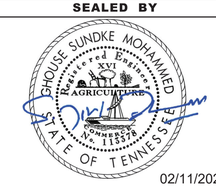
TYPICAL SECTION

STA. 313+89.24 TO STA. 325+80.75

EB ON RAMP

PHASE II

SEALED BY



02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1034+00.00 TO STA. 1046+00.00

SCALE: 1" = 50'

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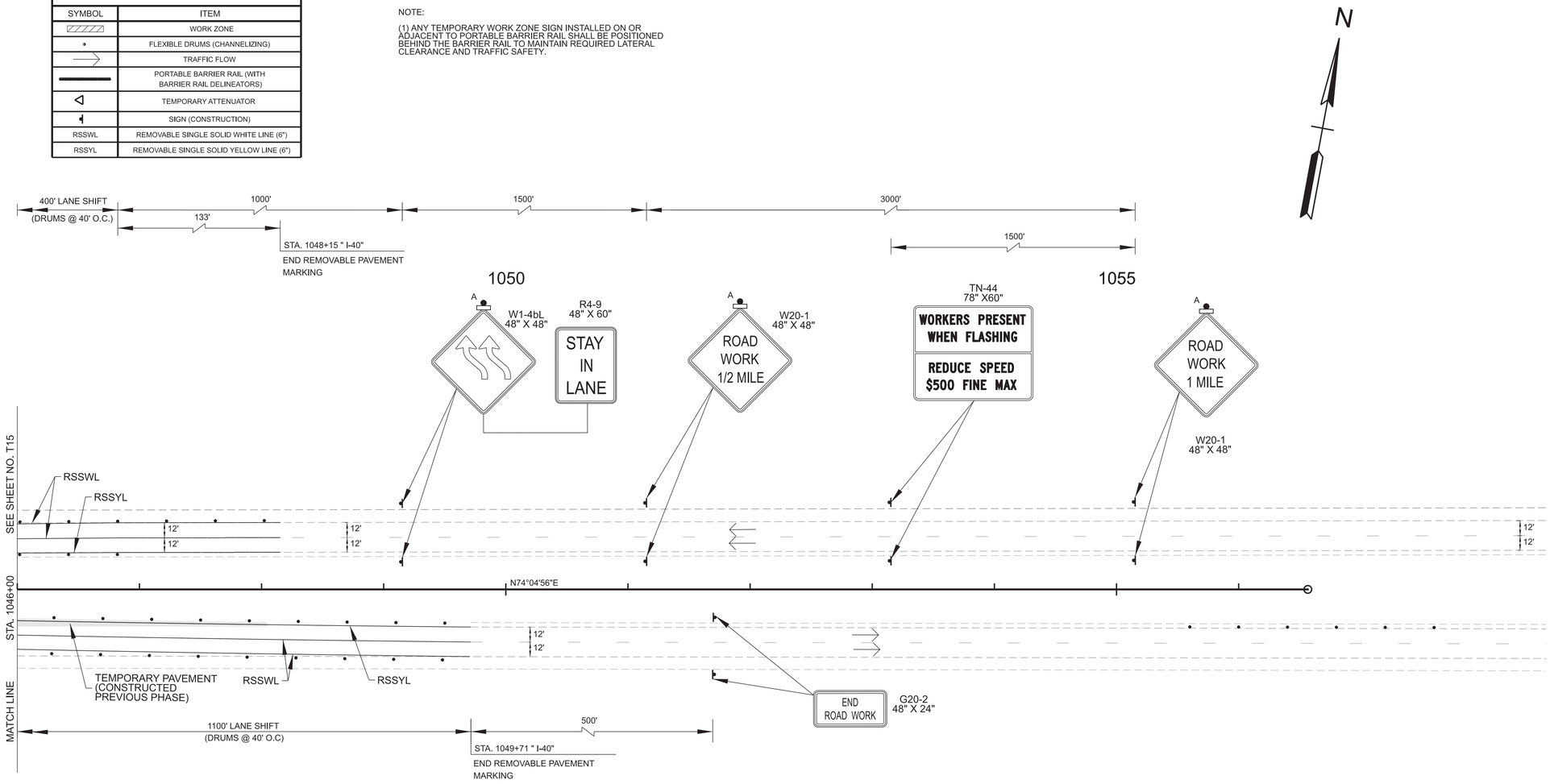
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T16
PIH	2025	39I040-S3-006	T16
PS&E	2026	39I040-S3-006	T16

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
•	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")

NOTE:

(1) ANY TEMPORARY WORK ZONE SIGN INSTALLED ON OR ADJACENT TO PORTABLE BARRIER RAIL SHALL BE POSITIONED BEHIND THE BARRIER RAIL TO MAINTAIN REQUIRED LATERAL CLEARANCE AND TRAFFIC SAFETY.



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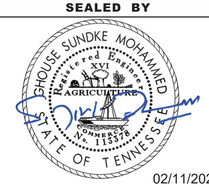

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1046+00.00 TO STA. 1060+00.00
SCALE: 1" = 50'

PHASE II

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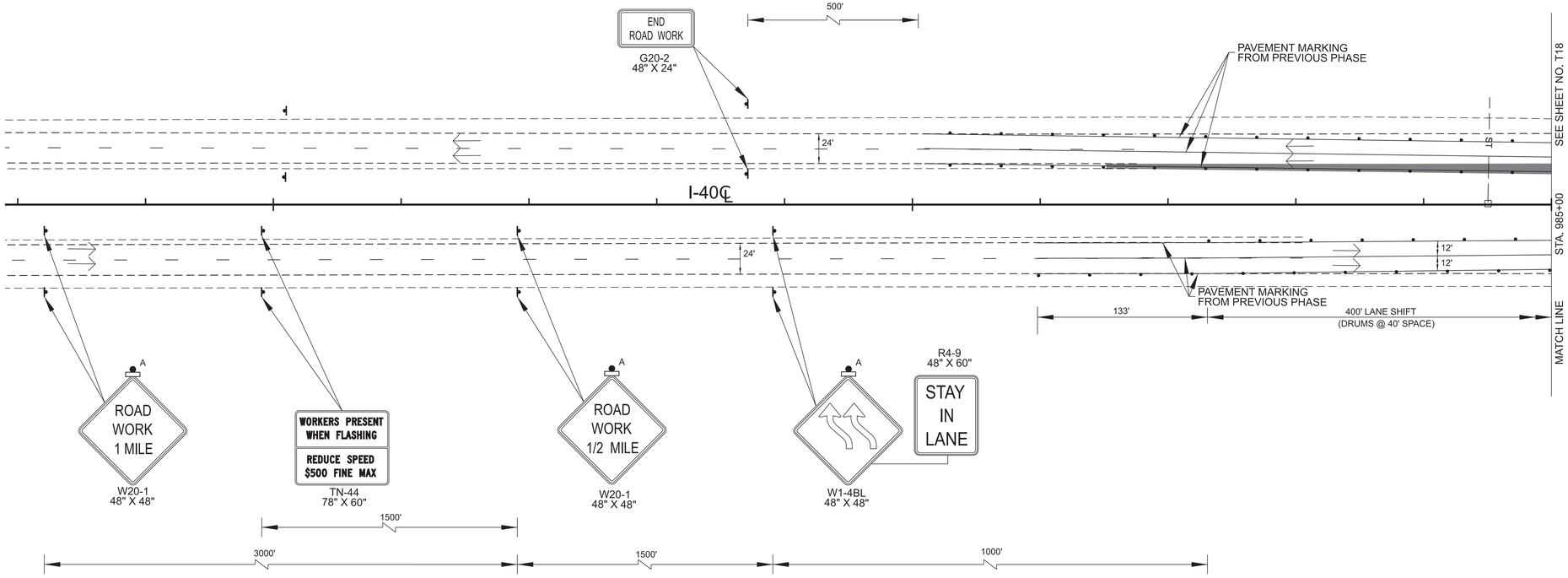
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T17
PIH	2025	39I040-S3-006	T17
PS&E	2026	39I040-S3-006	T17

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")

N

975 980 985



PHASE III

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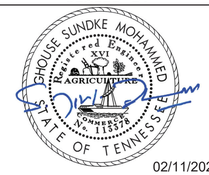

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 972+90.00 TO STA. 985+00
SCALE: 1" = 50'

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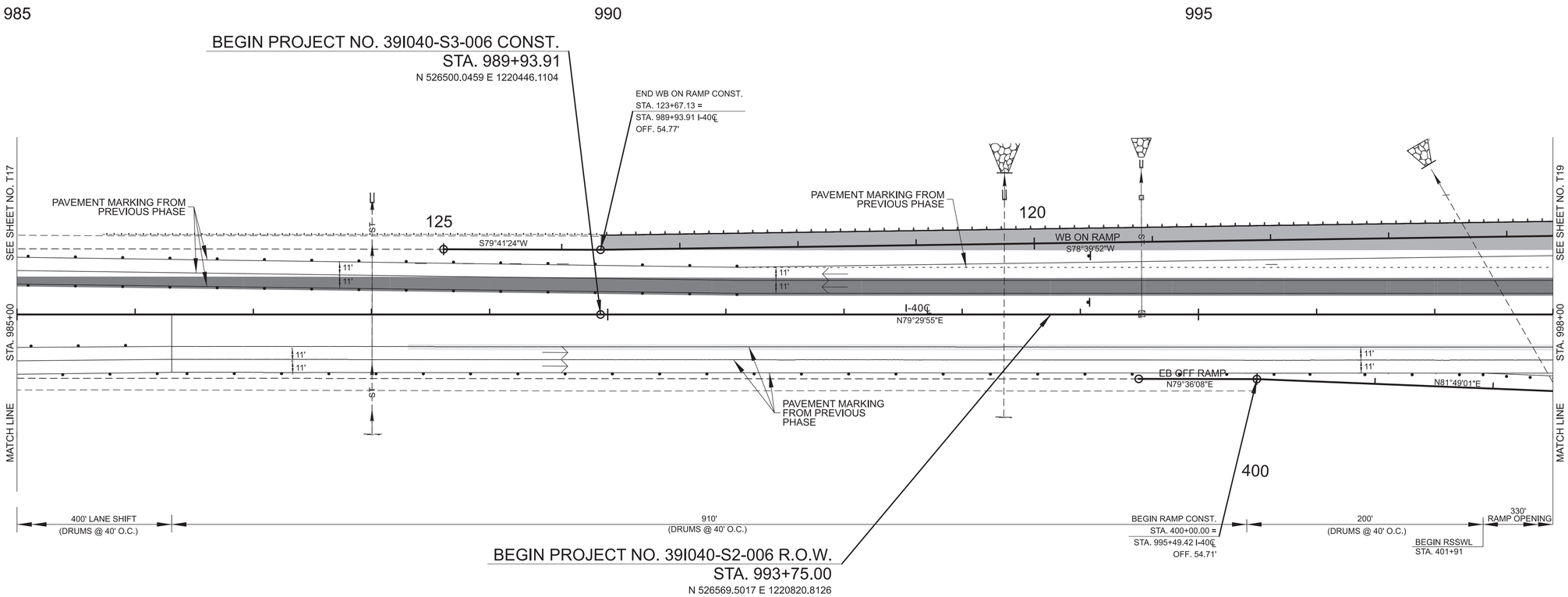
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T18
PIH	2025	39I040-S3-006	T18
PS&E	2026	39I040-S3-006	T18

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")



PHASE III

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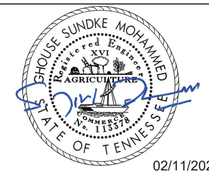

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 985+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

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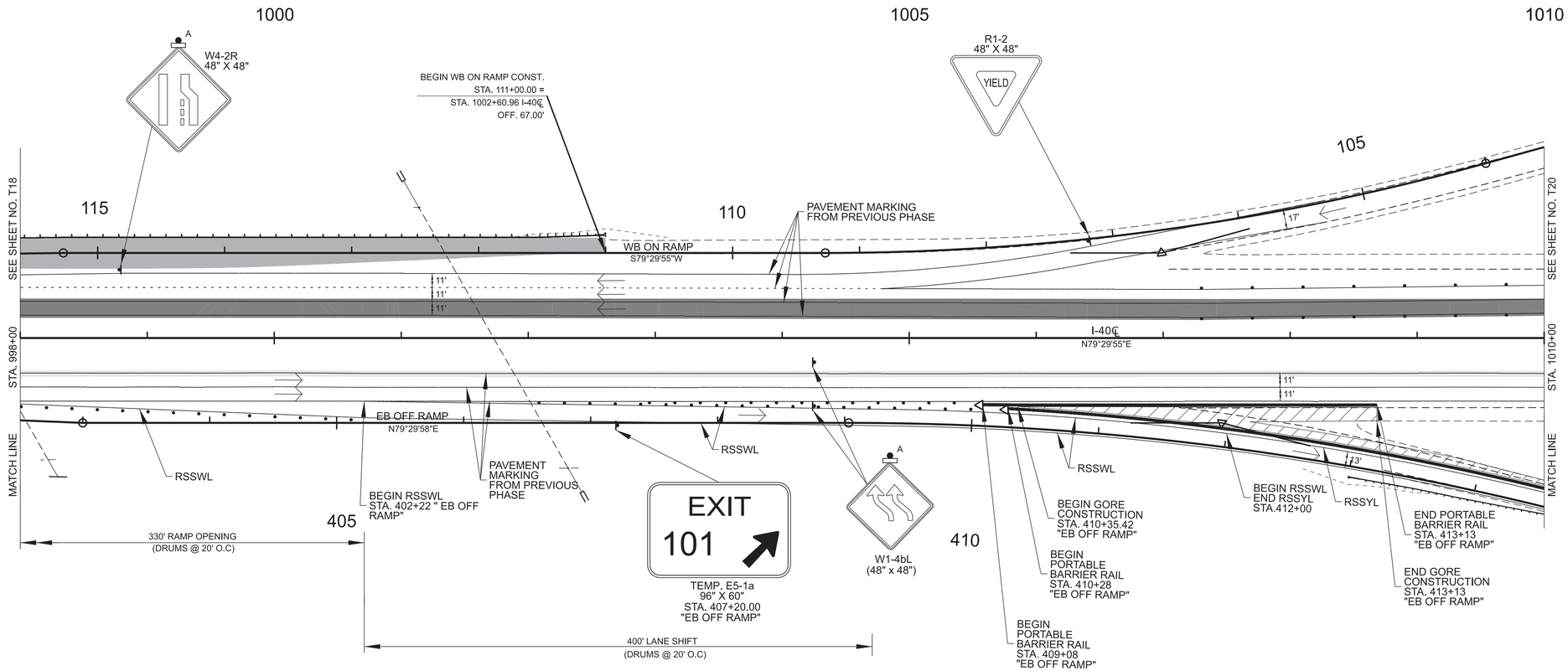
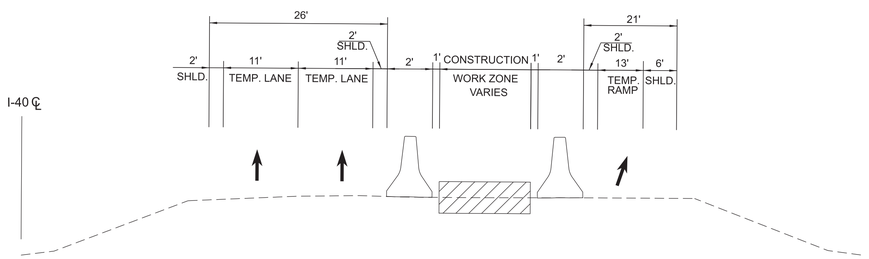
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T19
PIH	2025	39I040-S3-006	T19
PS&E	2026	39I040-S3-006	T19

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
*	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")





TYPICAL SECTION
STA. 410+35.42 TO STA. 414+85.05
EB OFF RAMP

PHASE III

SEALED BY

GHOUSE SUNDKE MOHAMMED
Registered Engineer
No. 115278
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TENNESSEE
STATE OF TENNESSEE
02/11/2026

COORDINATES ARE NAD 83(2011), ARE
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

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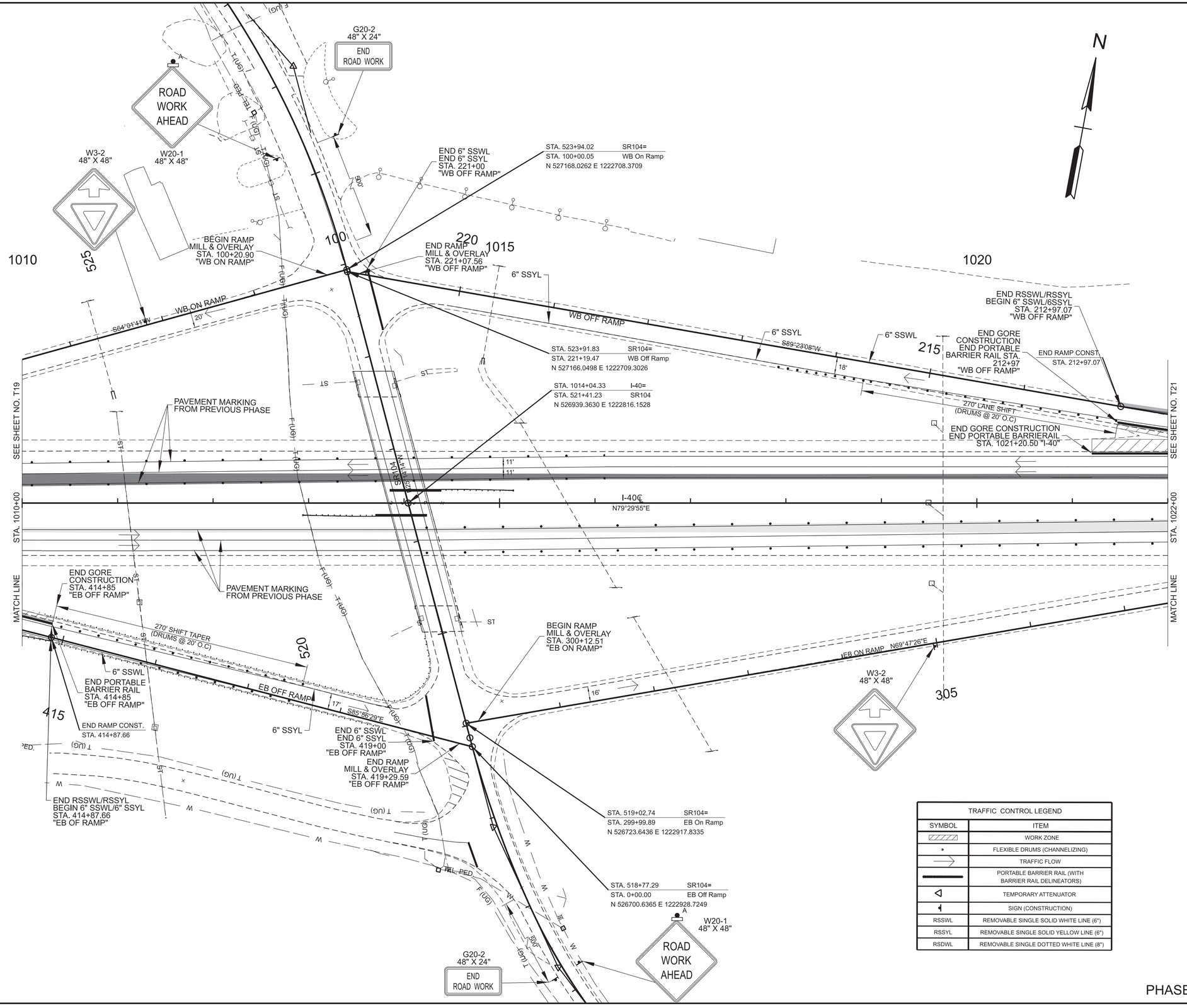
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T20
PIH	2025	39I040-S3-006	T20
PS&E	2026	39I040-S3-006	T20



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")

SEALED BY

SCHOUSE, SUNDKE, MOHAMMED
Registered Engineer
XVI
AGRICULTURE
TENNESSEE
No. 115378
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

PHASE III

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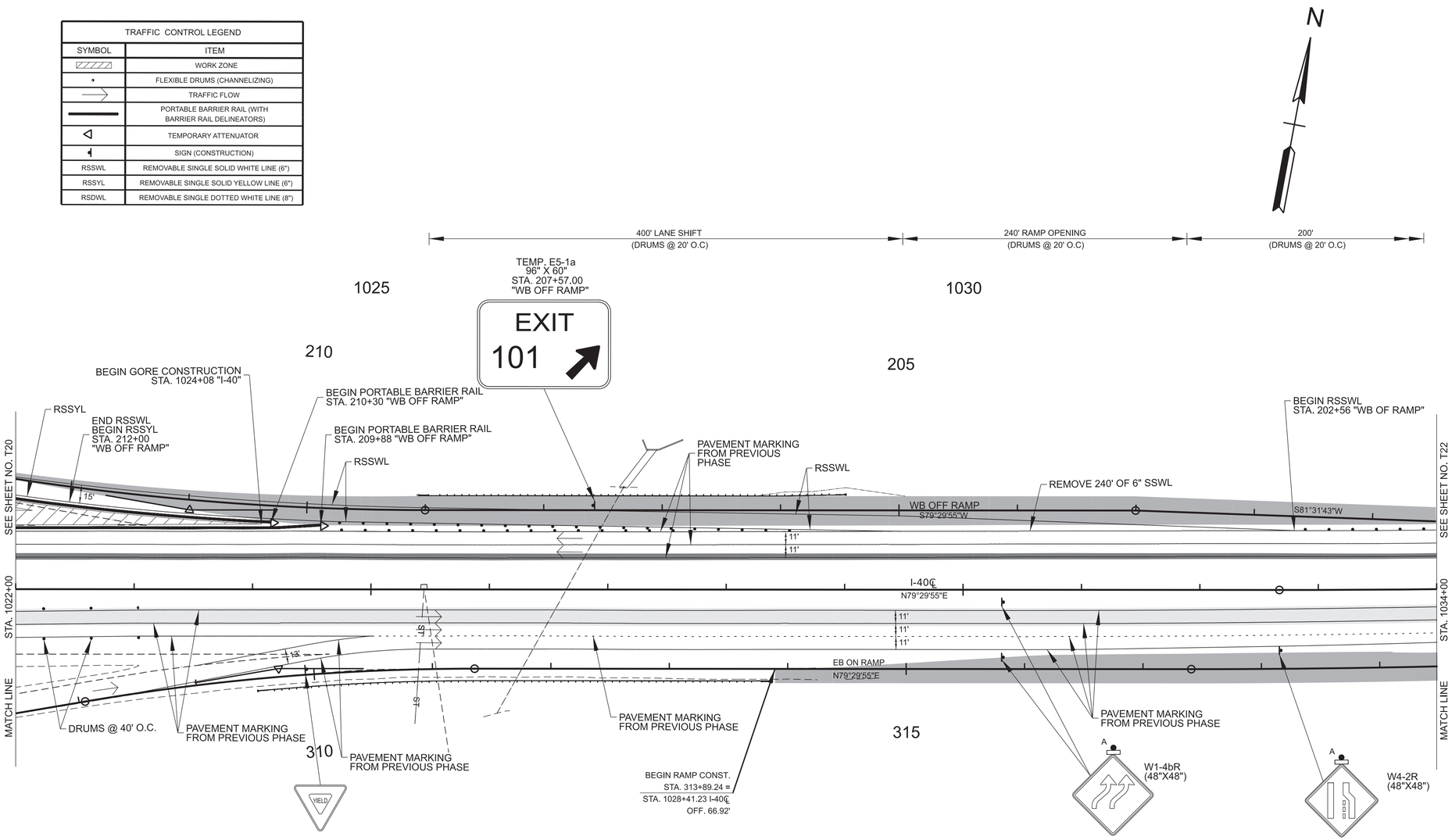
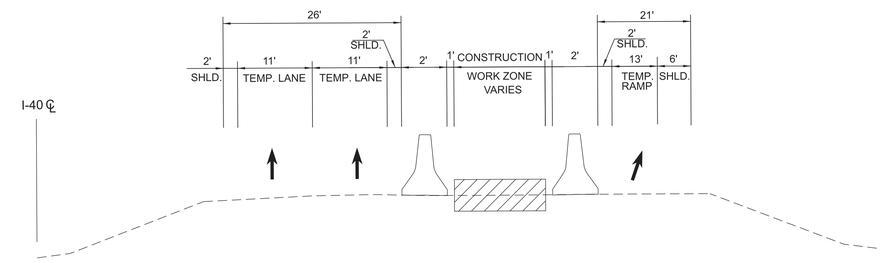
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T21
PIH	2025	39I040-S3-006	T21
PS&E	2026	39I040-S3-006	T21

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")





TYPICAL SECTION

STA. 210+37.46 TO STA. 212+97
WB OFF RAMP

PHASE III

SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
NO. 115578
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

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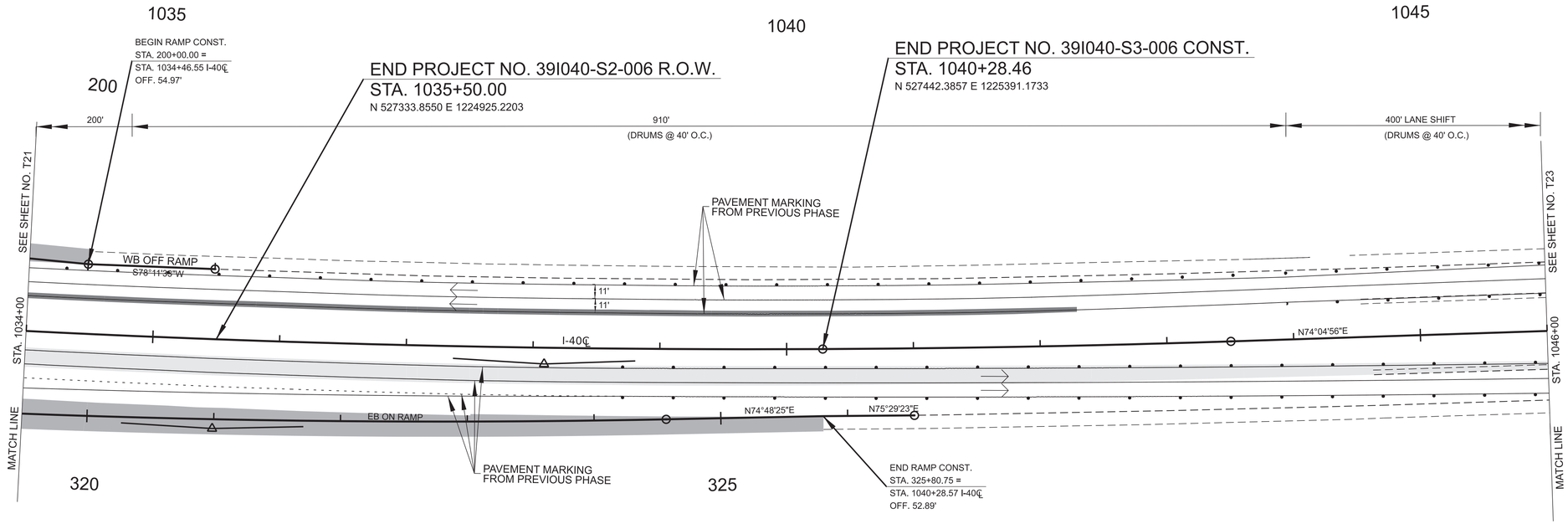
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T22
PIH	2025	39I040-S3-006	T22
PS&E	2026	39I040-S3-006	T22

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")



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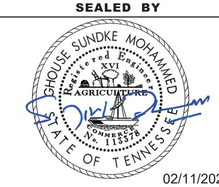

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1034+00.00 TO STA. 1046+00.00
SCALE: 1" = 50'

PHASE III

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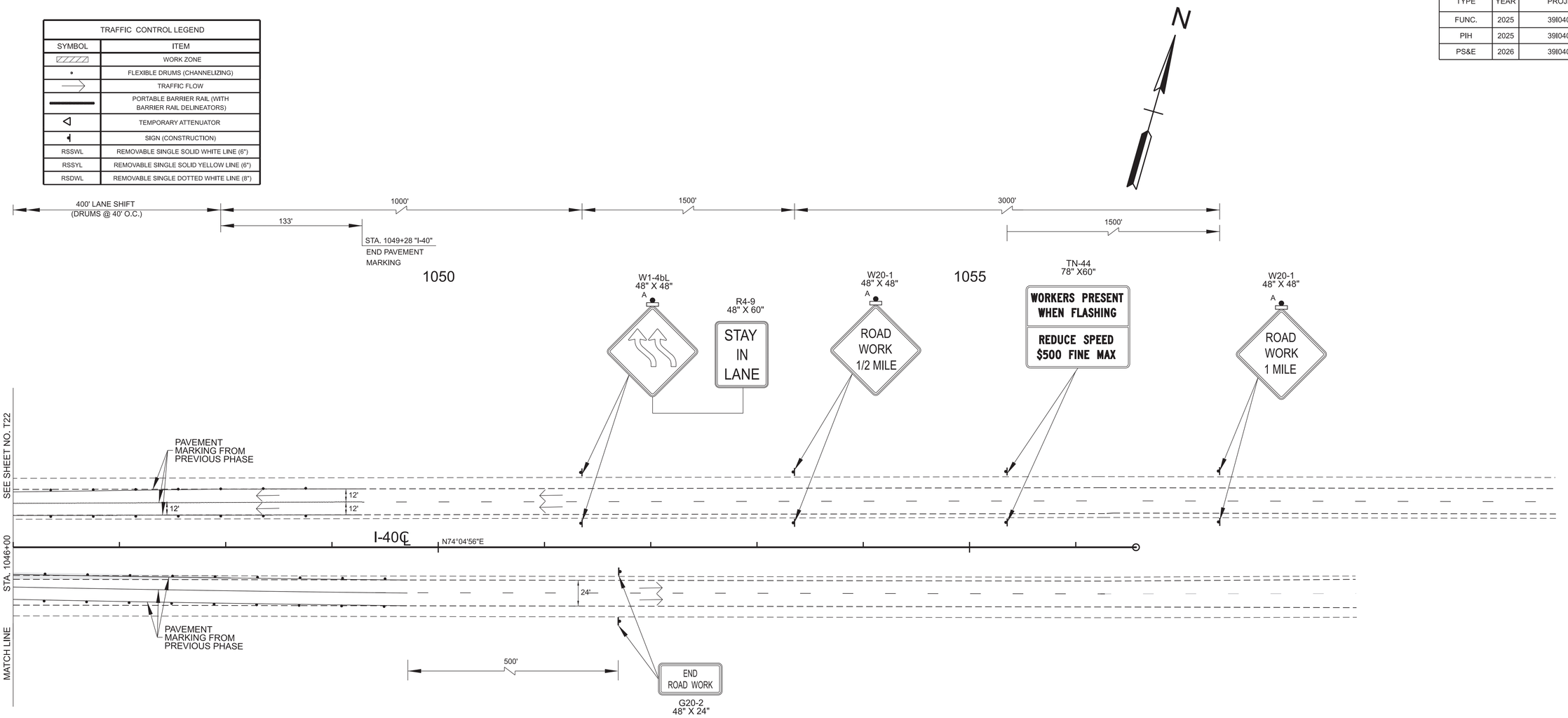
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T23
PIH	2025	39I040-S3-006	T23
PS&E	2026	39I040-S3-006	T23

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
•	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")



SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
TENNESSEE
No. 115578
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE
DATUM ADJUSTED BY THE FACTOR
OF 1.00007 AND TIED TO THE TGRN.
ALL ELEVATIONS ARE REFERENCED
TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1046+00.00 TO STA. 1056+57.00
SCALE: 1" = 50'

PHASE III

2/9/2026 10:00:56 PM
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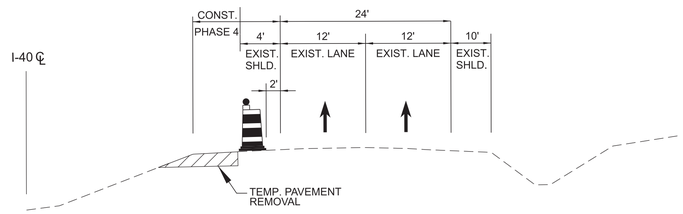
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T24
PIH	2025	39I040-S3-006	T24
PS&E	2026	39I040-S3-006	T24

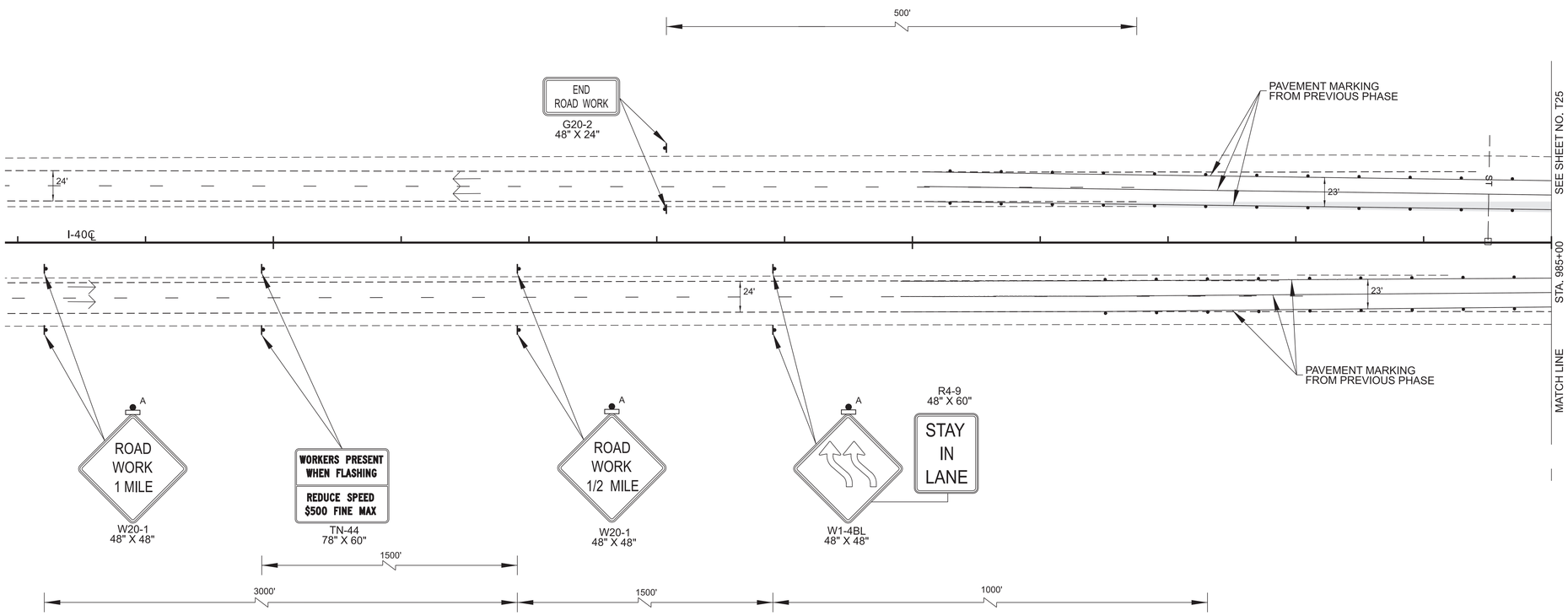
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")



TYPICAL SECTION

I-40 EB

975 980 985



SEALED BY

CHOUSE SUNDKE MOHAMMED
Registered Engineer
STATE OF TENNESSEE
AGRICULTURE
02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 970+00.00 TO STA. 985+00.00
SCALE: 1" = 50'

PHASE IV

2/9/2026 10:01:16 PM
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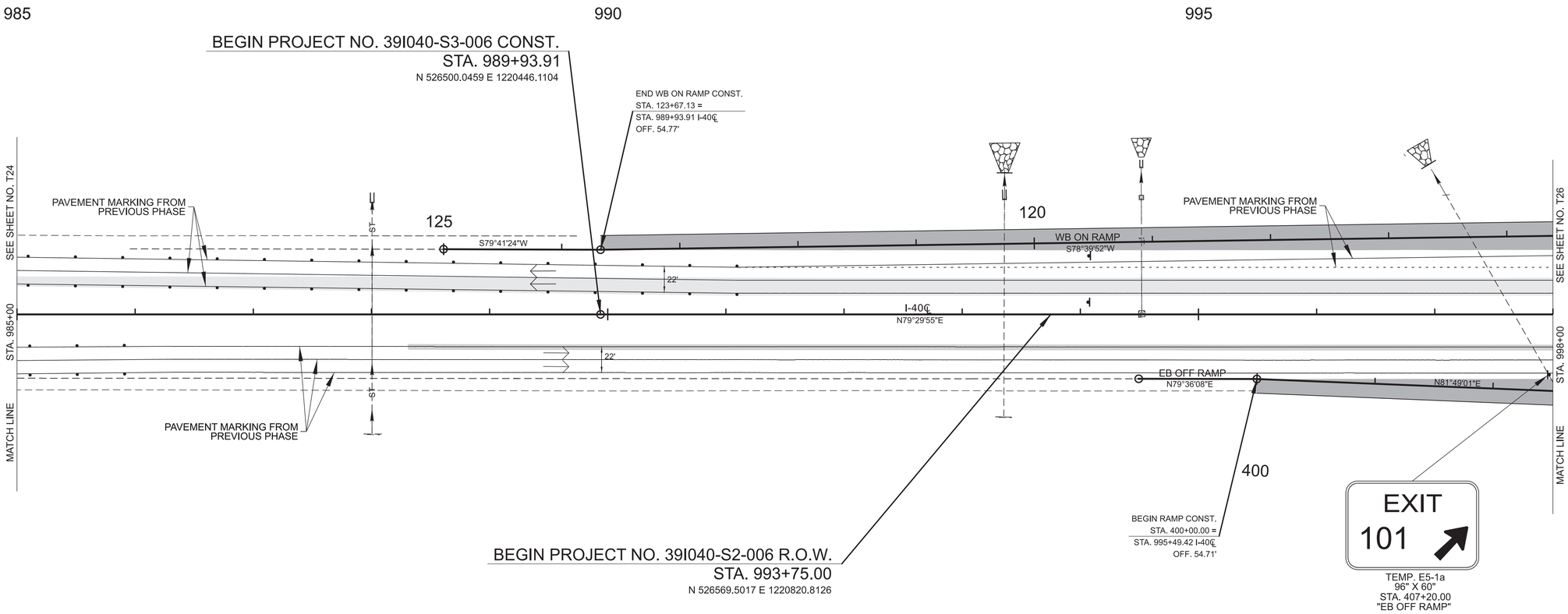
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T25
PIH	2025	39I040-S3-006	T25
PS&E	2026	39I040-S3-006	T25

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")

NOTE:

1. SEE SHEET T24 FOR TRAFFIC CONTROL TYPICAL SECTION.



PHASE IV

SEALED BY

CHOUSE, SUNDKE, MOHAMMED
Registered Engineer
XVI
AGRICULTURE
CONNESSEE
No. 115578
STATE OF TENNESSEE

02/11/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 985+00.00 TO STA. 998+00.00
SCALE: 1" = 50'

2/9/2026 10:01:38 PM
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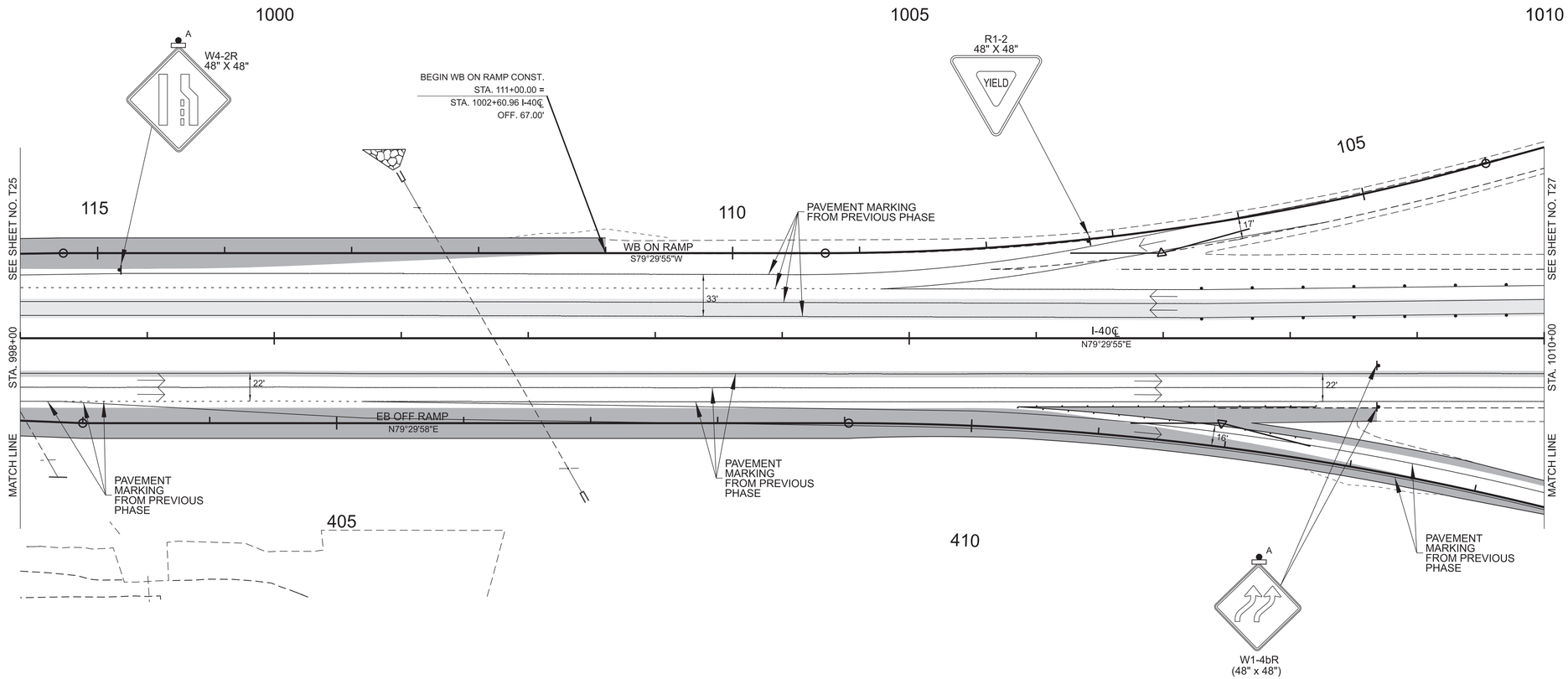
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T26
PIH	2025	39I040-S3-006	T26
PS&E	2026	39I040-S3-006	T26

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")

NOTE:

1. SEE SHEET T24 FOR TRAFFIC CONTROL TYPICAL SECTION.

N



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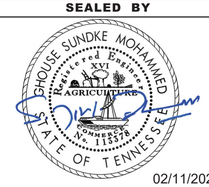

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 998+00.00 TO STA. 1010+00.00
SCALE: 1" = 50'

PHASE IV

2/9/2026 10:01:59 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T27
PIH	2025	39I040-S3-006	T27
PS&E	2026	39I040-S3-006	T27

N

G20-2
48" X 24"
END
ROAD WORK

ROAD
WORK
AHEAD

W3-2
48" X 48"

W20-1
48" X 48"

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp
N 527168.0262 E 1222708.3709

BEGIN RAMP
MILL & OVERLAY
STA. 100+20.90
"WB ON RAMP"

END RAMP
MILL & OVERLAY
STA. 221+07.56
"WB OFF RAMP"

WB ON RAMP
S64°04'41"W

WB OFF RAMP
S89°23'08"W

PAVEMENT MARKING
FROM PREVIOUS PHASE

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp
N 527166.0498 E 1222709.3026

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104
N 526939.3630 E 1222816.1528

END RAMP CONST.
STA. 212+97.07

SEE SHEET NO. T26

SEE SHEET NO. T28

STA. 1010+00

STA. 1022+00

MATCH LINE

MATCH LINE

I-40℄
N79°29'55"E

22'

PAVEMENT MARKING
FROM PREVIOUS PHASE

6" SSYL

6" SSWL

400' LANE SHIFT
(DRUMS @ 40' O.C.)

STA. 1018+70.30
"I-40"

BEGIN 6" SSYL
BEGIN 6" SSWL
STA. 1014+24 "I-40"

BEGIN RAMP
MILL & OVERLAY
STA. 300+12.51
"EB ON RAMP"

EB ON RAMP N69°47'26"E

EB OFF RAMP
S85°56'29"E

W3-2
48" X 48"

END RAMP CONST.
STA. 414+87.66

END RAMP
MILL & OVERLAY
STA. 419+29.59
"EB OFF RAMP"

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp
N 526723.6436 E 1222917.8335

STA. 518+77.29 SR104=
STA. 0+00.00 EB Off Ramp
N 526700.6365 E 1222928.7249

G20-2
48" X 24"
END
ROAD WORK

ROAD
WORK
AHEAD

W20-1
48" X 48"

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")

NOTE:

1. SEE SHEET T24 FOR TRAFFIC CONTROL TYPICAL SECTION.

PHASE IV

SEALED BY

GHOUSE SUNDKE MOHAMMED
Registered Engineer
AGRICULTURE
TENNESSEE
STATE OF TENNESSEE

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1010+00.00 TO STA. 1022+00.00
SCALE: 1" = 50'

2/9/2026 10:02:22 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T28
PIH	2025	39I040-S3-006	T28
PS&E	2026	39I040-S3-006	T28

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
*	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")

NOTE:

1. SEE SHEET T24 FOR TRAFFIC CONTROL TYPICAL SECTION.

N

1025

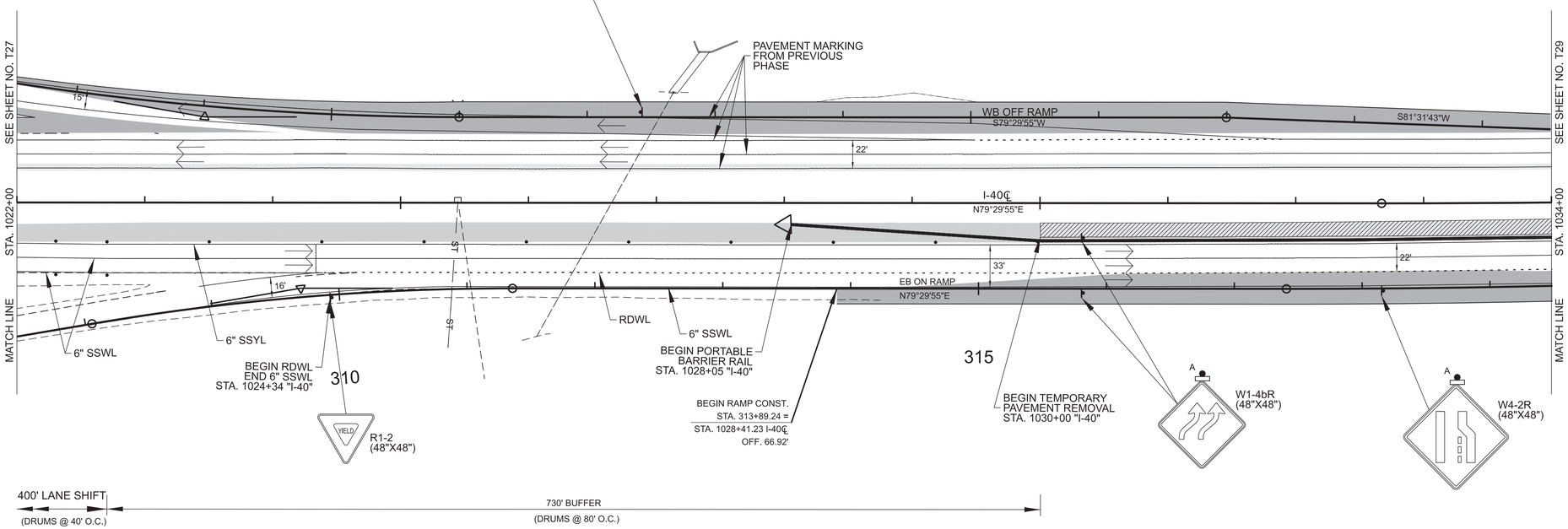
TEMP. E5-1a
96" X 60"
STA. 207+57.00
"WB OFF RAMP"

EXIT
101

1030

210

205



PHASE IV

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1022+00.00 TO STA. 1034+00.00
SCALE: 1" = 50'

2/9/2026 10:02:45 PM
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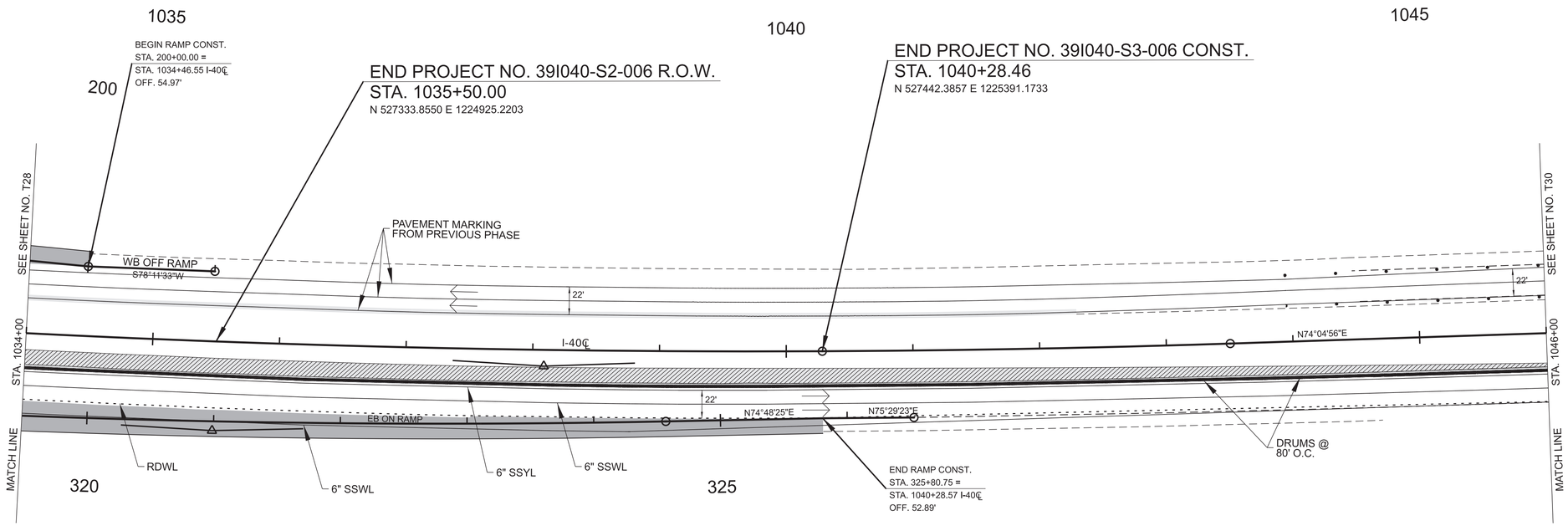
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T29
PIH	2025	39I040-S3-006	T29
PS&E	2026	39I040-S3-006	T29

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")
RSDWL	REMOVABLE SINGLE DOTTED WHITE LINE (8")

NOTE:

1. SEE SHEET T24 FOR TRAFFIC CONTROL TYPICAL SECTION.

N



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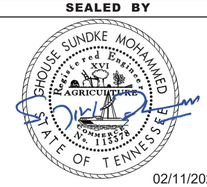

02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1034+00.00 TO STA. 1046+00.00
SCALE: 1" = 50'

PHASE IV

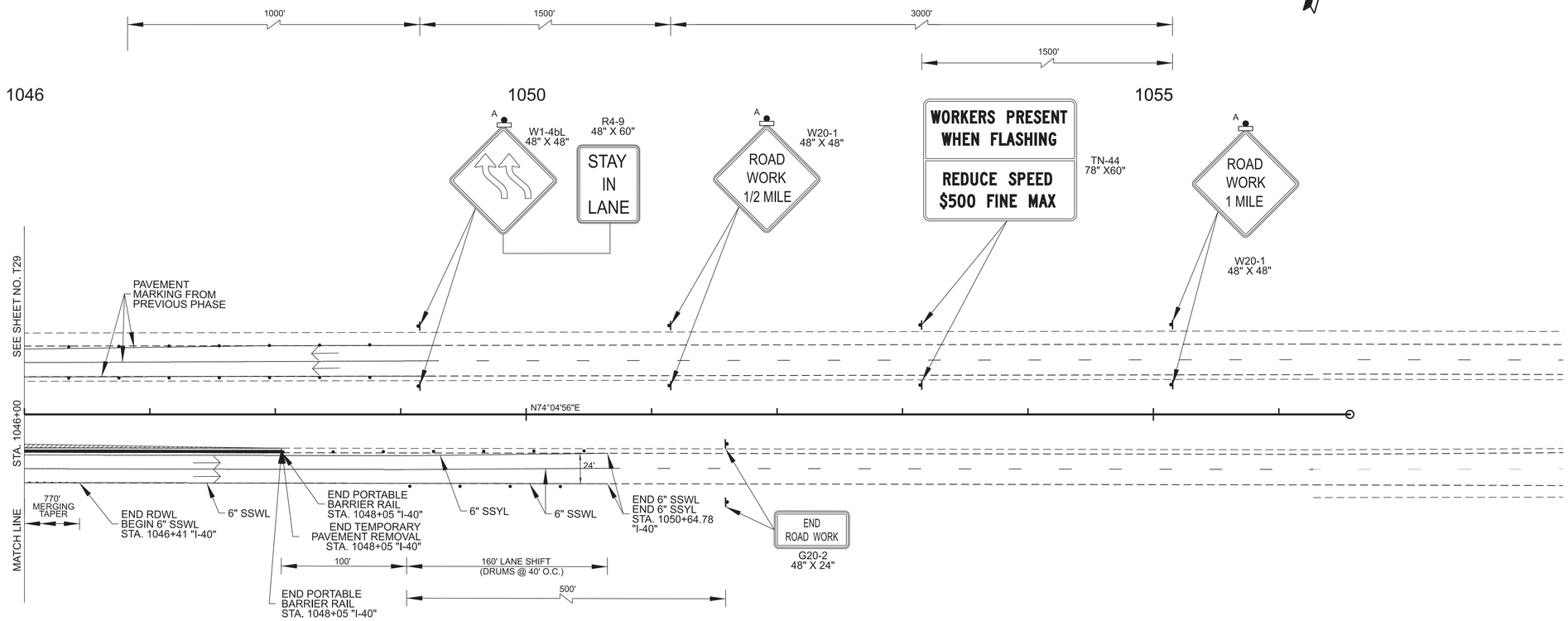
2/9/2026 10:03:04 PM
C:\PW_WORKINGTN\PARSONS_P008606GIDMS05271\39I040-SHT-TRAFFIC CONTROL-4-06.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T30
PIH	2025	39I040-S3-006	T30
PS&E	2026	39I040-S3-006	T30

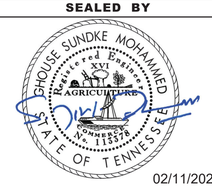
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE (6")
RSSYL	REMOVABLE SINGLE SOLID YELLOW LINE (6")

NOTE:

1. SEE SHEET T24 FOR TRAFFIC CONTROL TYPICAL SECTION.



SEALED BY



02/11/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA. 1046+00.00 TO STA. 1058+00.00
SCALE: 1" = 50'

PHASE IV

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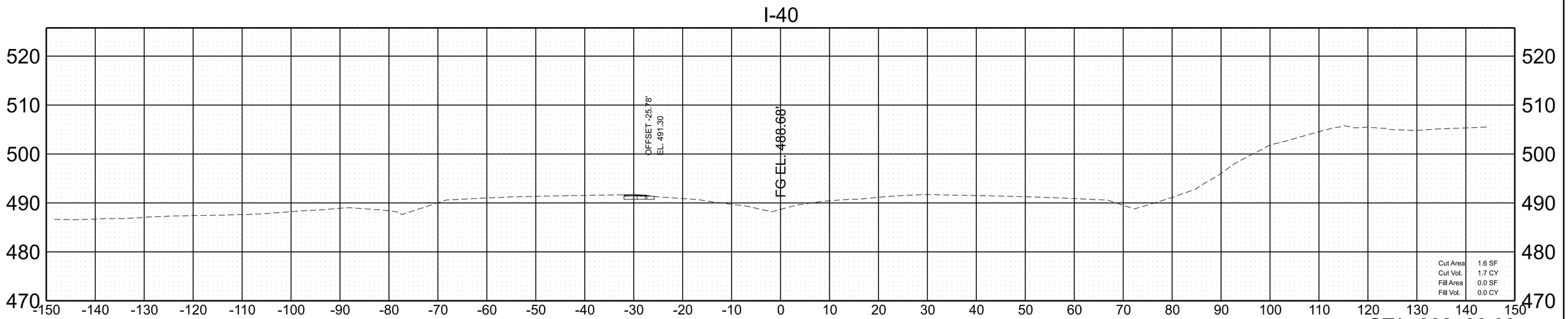
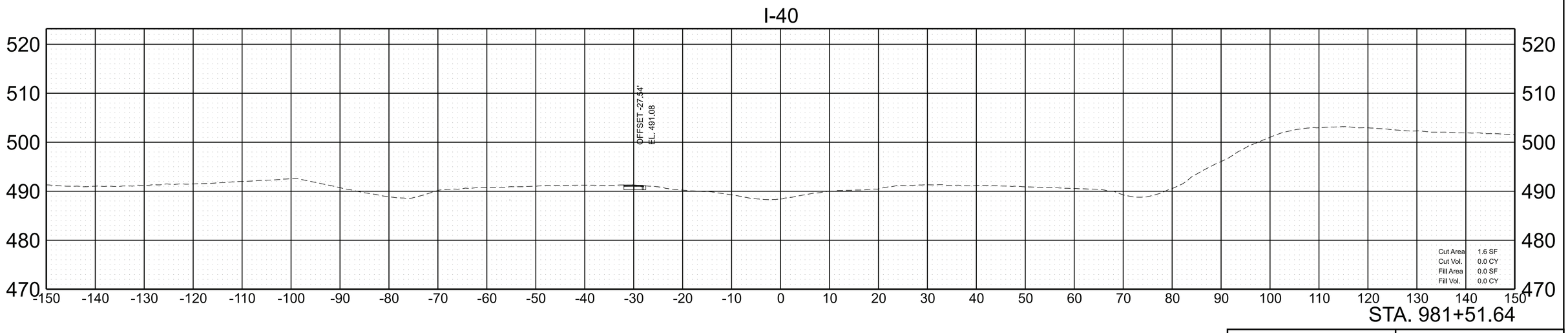
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T31
PIH	2025	39I040-S3-006	T31
PS&E	2026	39I040-S3-006	T31





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 981+51.64
	1"=10' VERT.	END STA. 982+00.00

2/10/2026 3:55:14 PM
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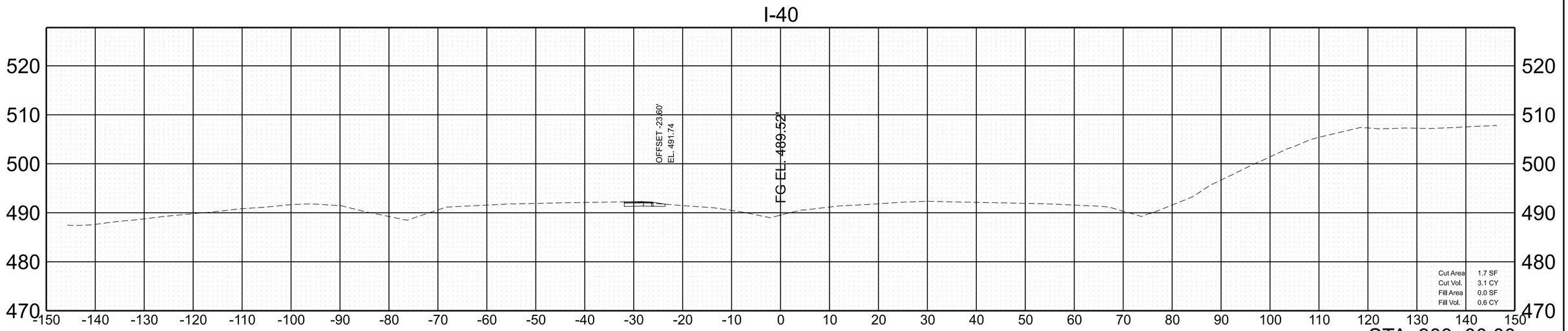
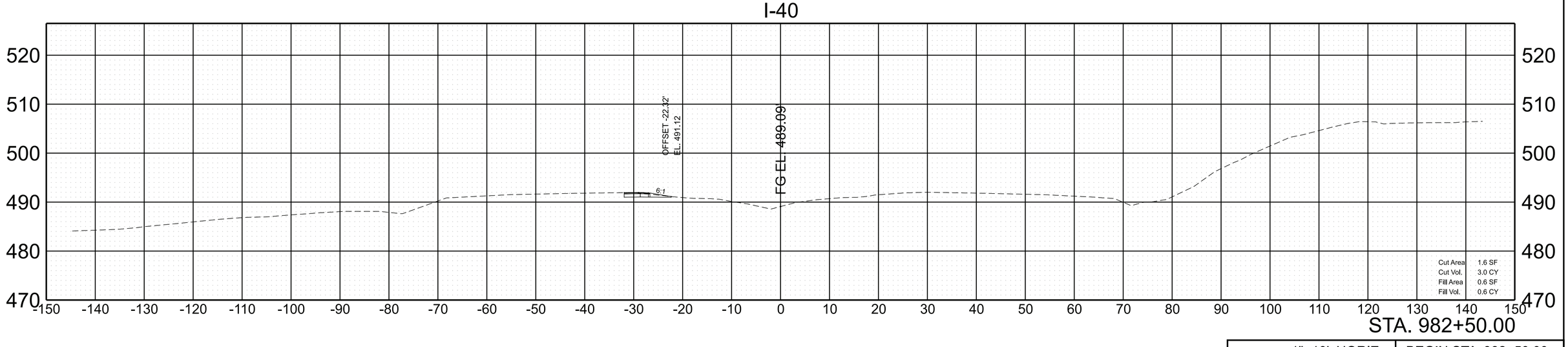
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T32
PIH	2025	39I040-S3-006	T32
PS&E	2026	39I040-S3-006	T32



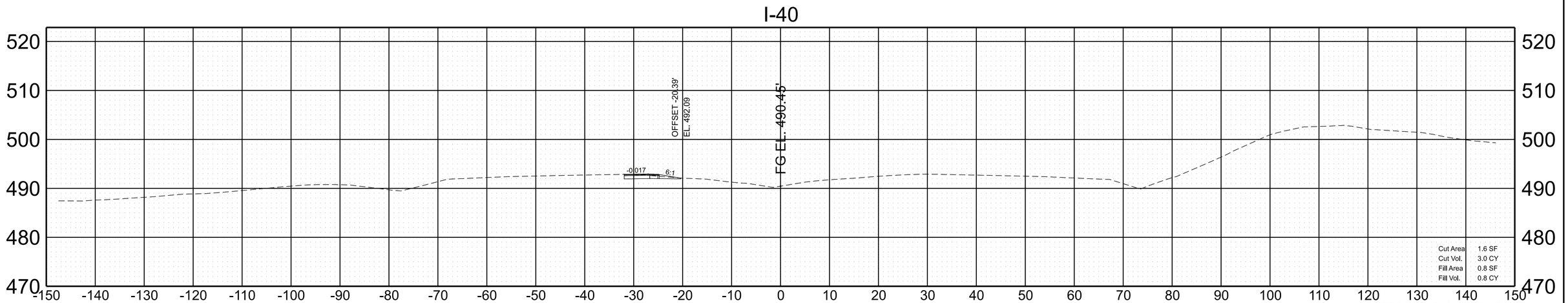


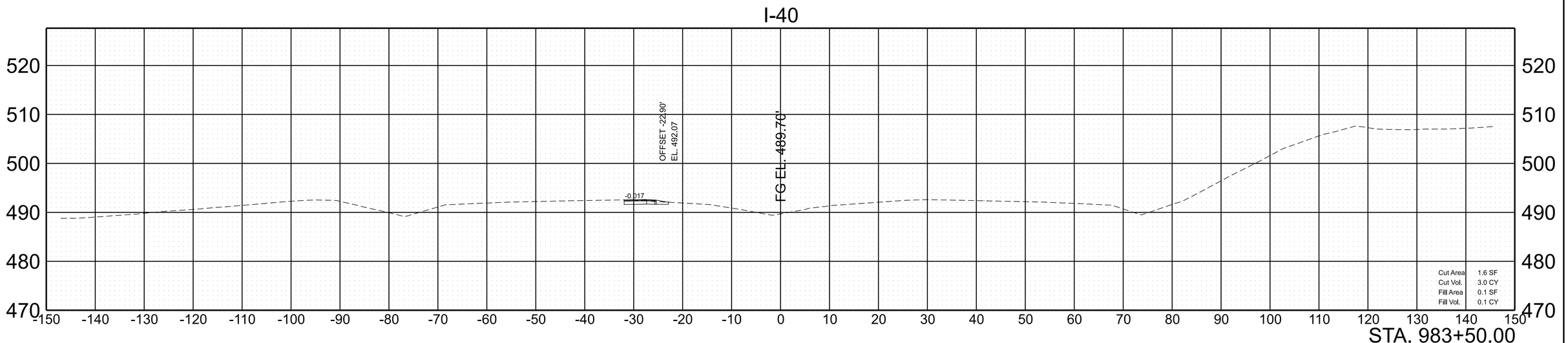
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 982+50.00
	1"=10' VERT.	END STA. 983+00.00

2/10/2026 3:55:17 PM
C:\PW_WORKINGIT\NPARSONS_P008606GIDMS057961\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T33
PIH	2025	39I040-S3-006	T33
PS&E	2026	39I040-S3-006	T33



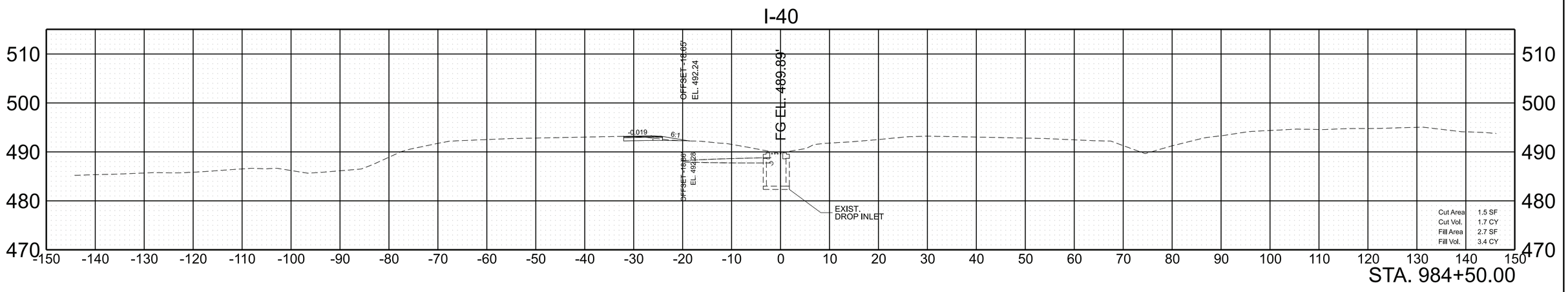


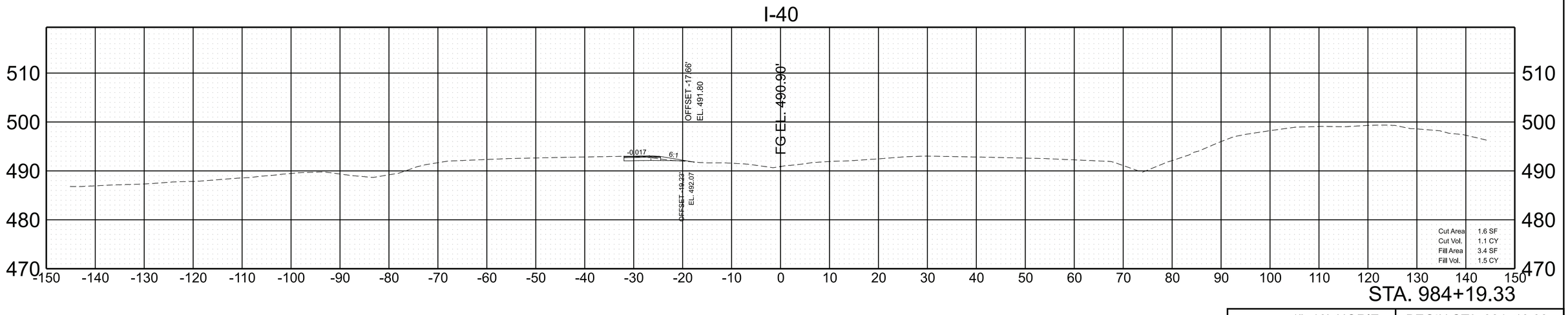
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 983+50.00
	1"=10' VERT.	END STA. 984+00.00

2/10/2026 3:55:21 PM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796I39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T34
PIH	2025	39I040-S3-006	T34
PS&E	2026	39I040-S3-006	T34





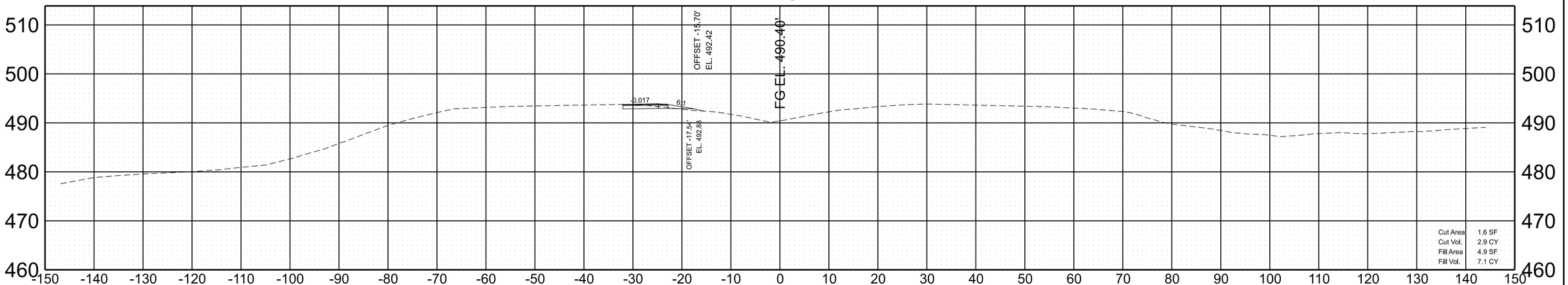
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 984+19.33
	1"=10' VERT.	END STA. 984+50.00

2/10/2026 3:55:25 PM
C:\PW_WORKINGIT\NPARSONS_P008606GIDMS057963\39I040-SHT-XS-MOT MEDIAN PH1.DGN

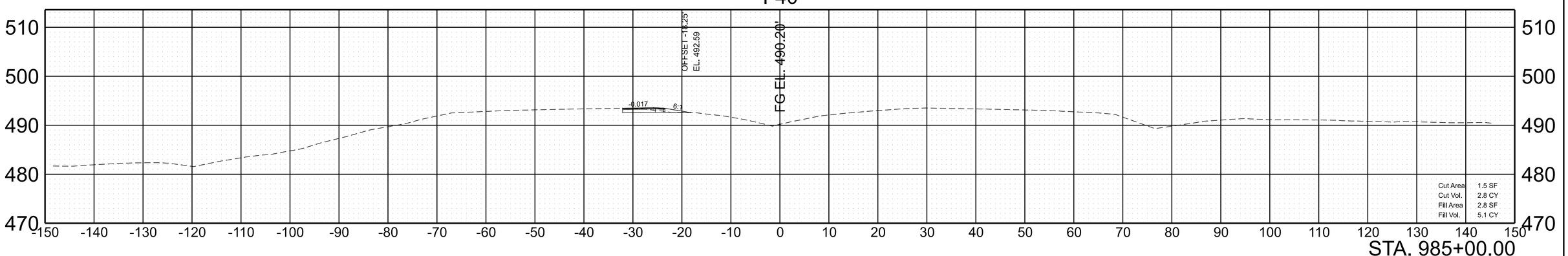
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T35
PIH	2025	39I040-S3-006	T35
PS&E	2026	39I040-S3-006	T35

I-40



STA. 985+50.00

I-40



STA. 985+00.00

PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 985+00.00
	1"=10' VERT.	END STA. 985+50.00

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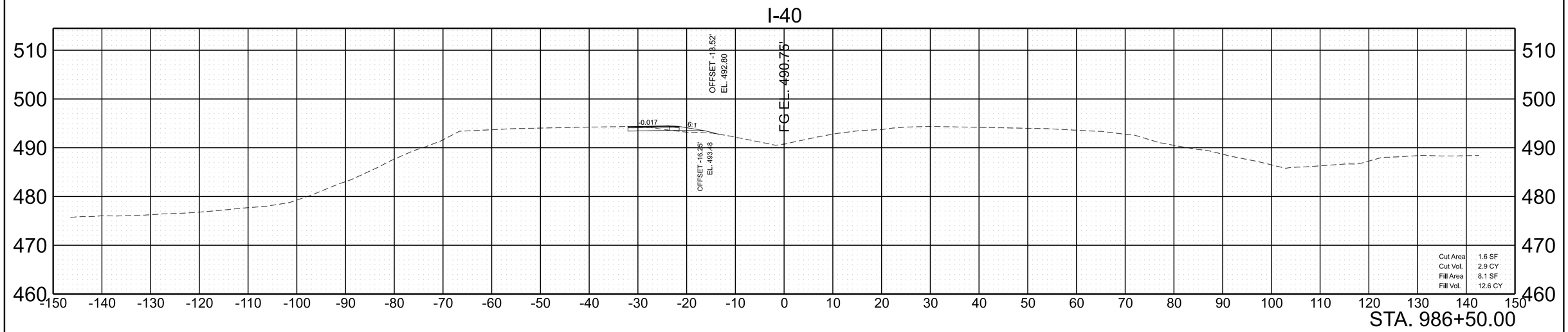
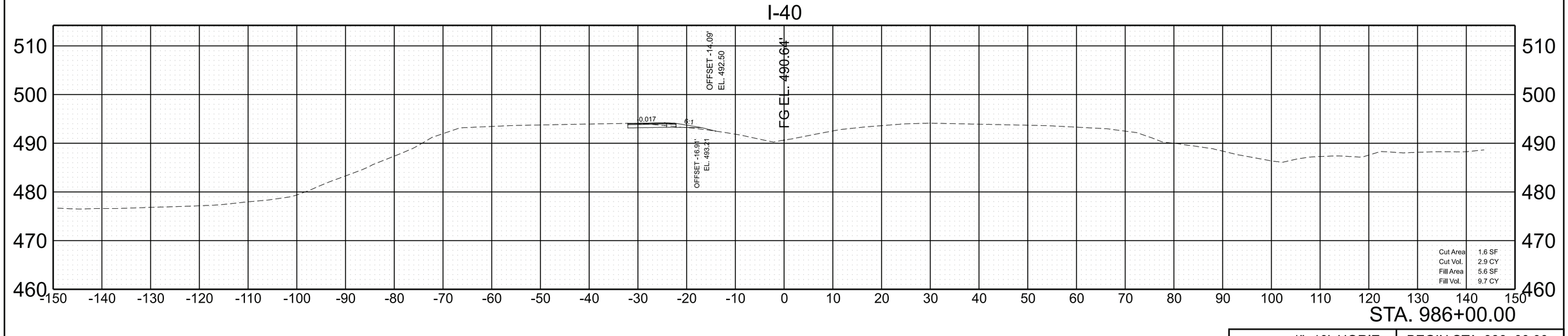
C:\PW_WORKINGITN\PARSONS_P008606GIDMS0579639I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T36
PIH	2025	39I040-S3-006	T36
PS&E	2026	39I040-S3-006	T36





PHASE I

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

BEGIN STA. 986+00.00
END STA. 986+50.00

2/10/2026 3:55:32 PM
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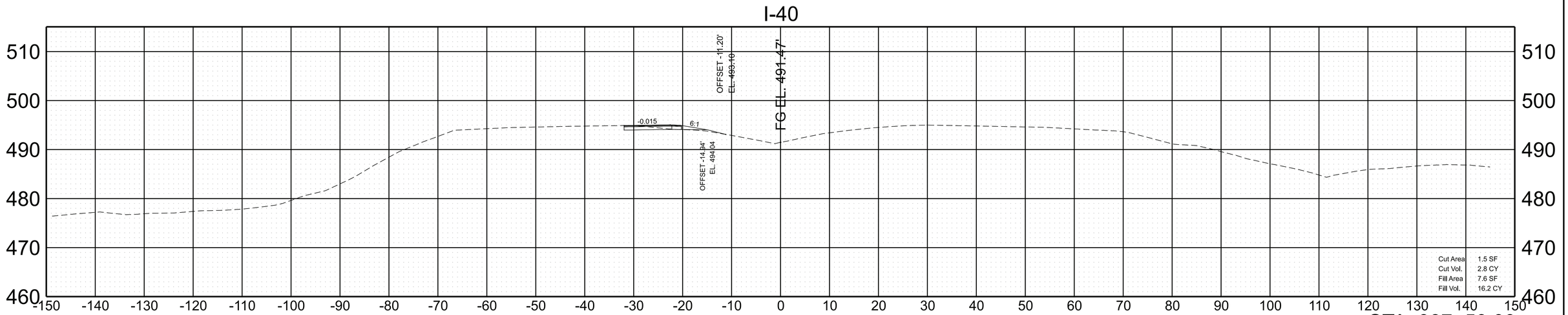
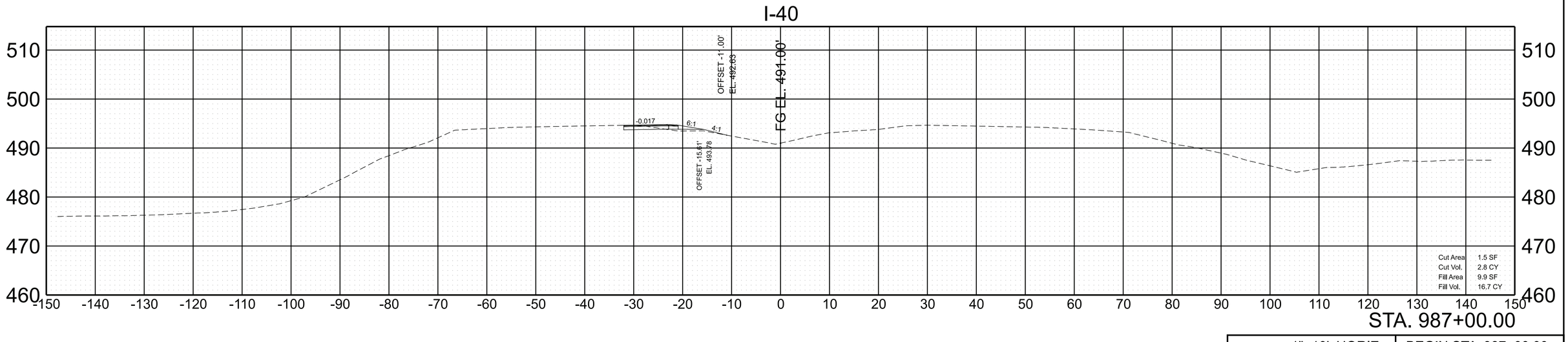
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T37
PIH	2025	39I040-S3-006	T37
PS&E	2026	39I040-S3-006	T37





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 987+00.00
	1"=10' VERT.	END STA. 987+50.00

2/10/2026 3:55:36 PM
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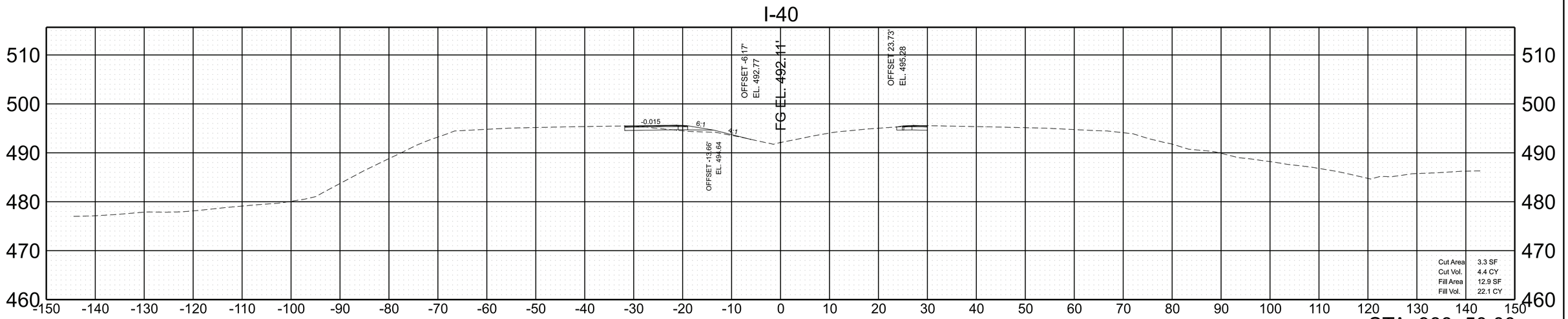
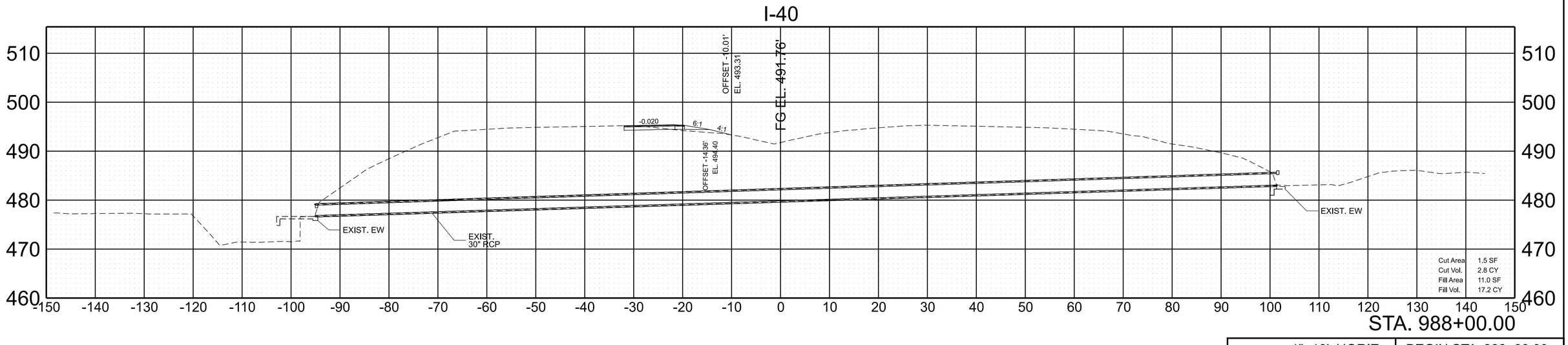
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T38
PIH	2025	39I040-S3-006	T38
PS&E	2026	39I040-S3-006	T38





PHASE I

SCALE:		
1"=10'	HORIZ.	BEGIN STA. 988+00.00
1"=10'	VERT.	END STA. 988+50.00

2/10/2026 3:55:40 PM
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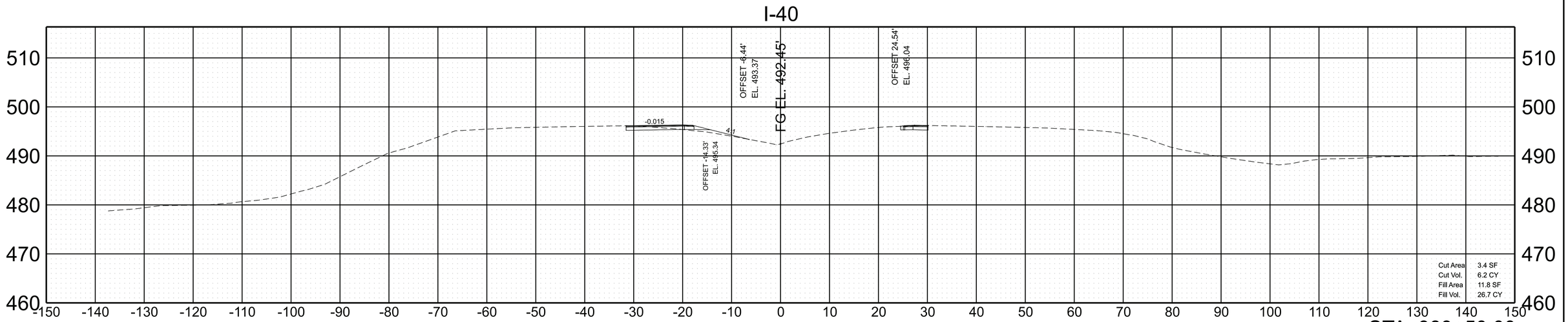
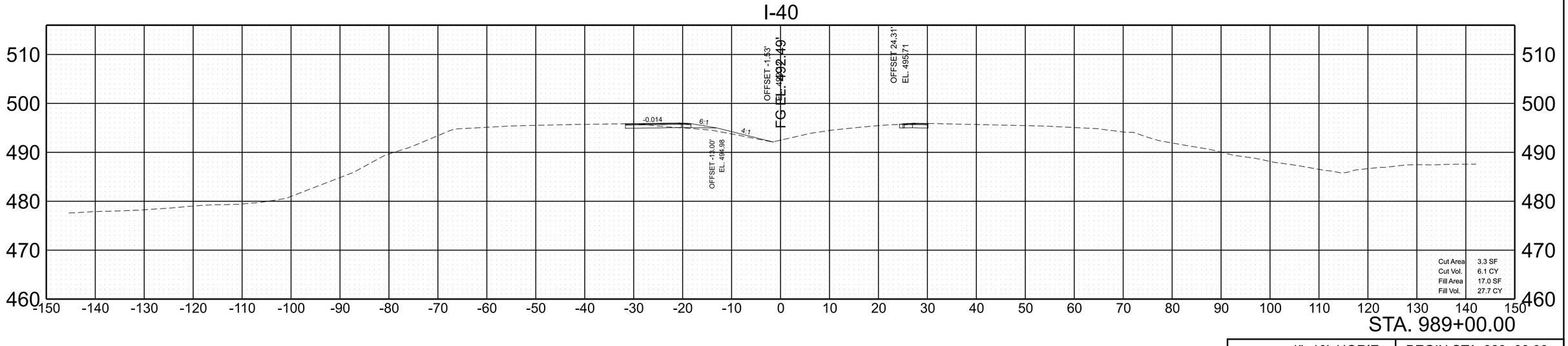
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T39
PIH	2025	39I040-S3-006	T39
PS&E	2026	39I040-S3-006	T39





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 989+00.00
	1"=10' VERT.	END STA. 989+50.00

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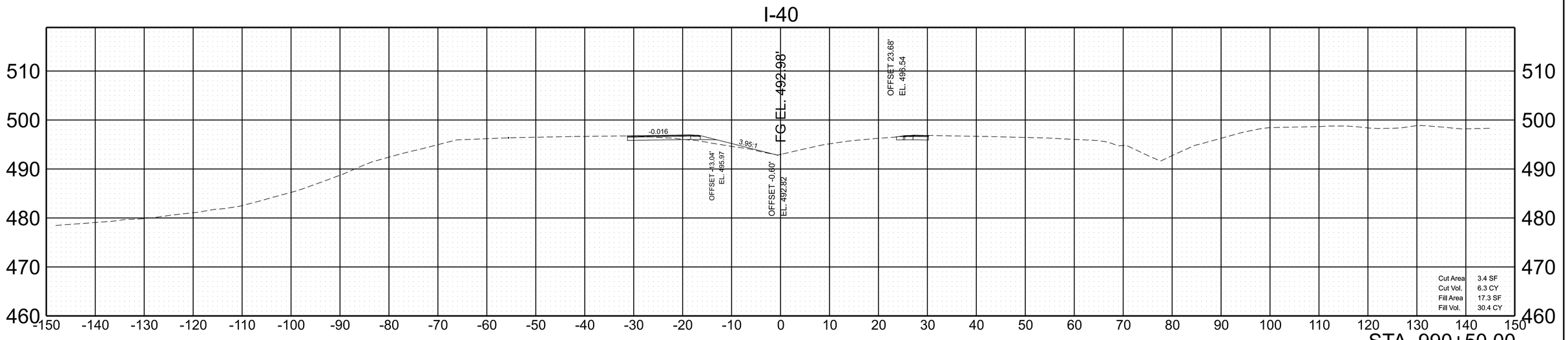
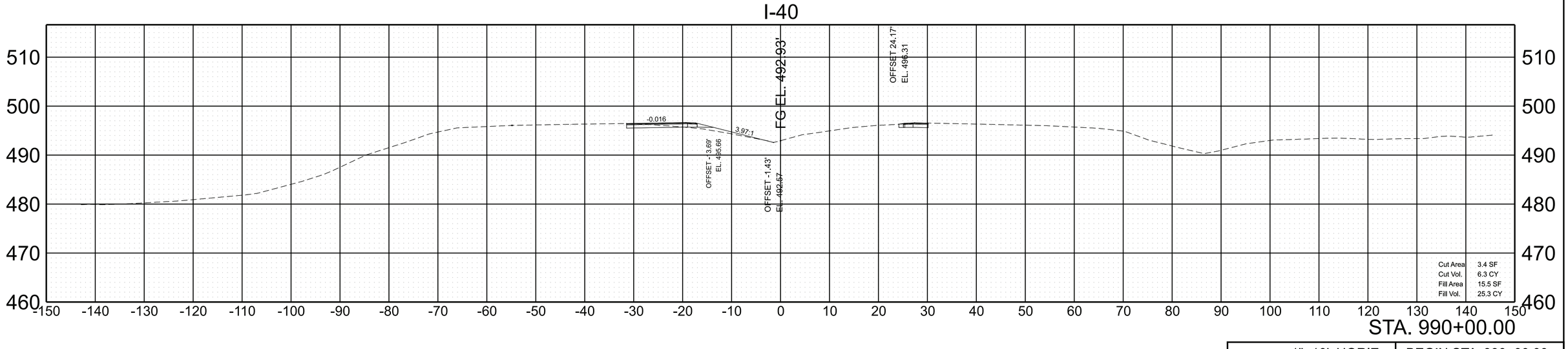
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T40
PIH	2025	39I040-S3-006	T40
PS&E	2026	39I040-S3-006	T40





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 990+00.00
	1"=10' VERT.	END STA. 990+50.00

2/10/2026 3:55:49 PM
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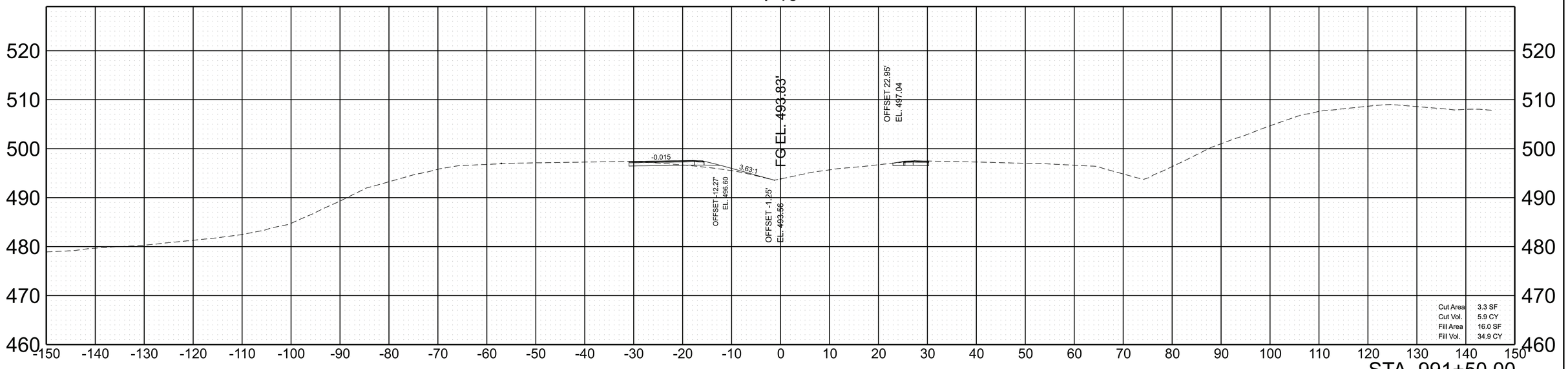
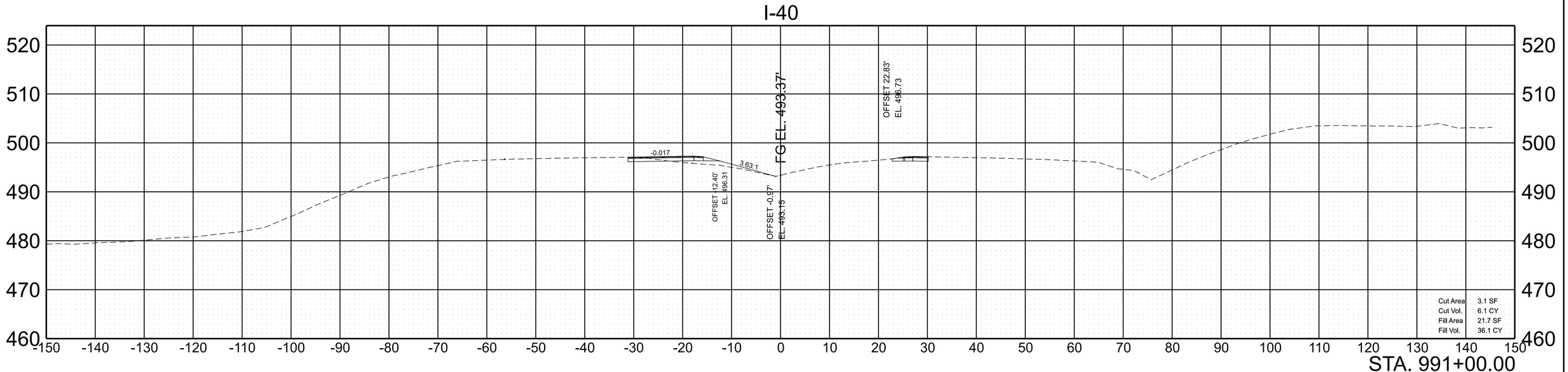
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T41
PIH	2025	39I040-S3-006	T41
PS&E	2026	39I040-S3-006	T41





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 991+00.00
	1"=10' VERT.	END STA. 991+50.00

2/10/2026 3:55:53 PM
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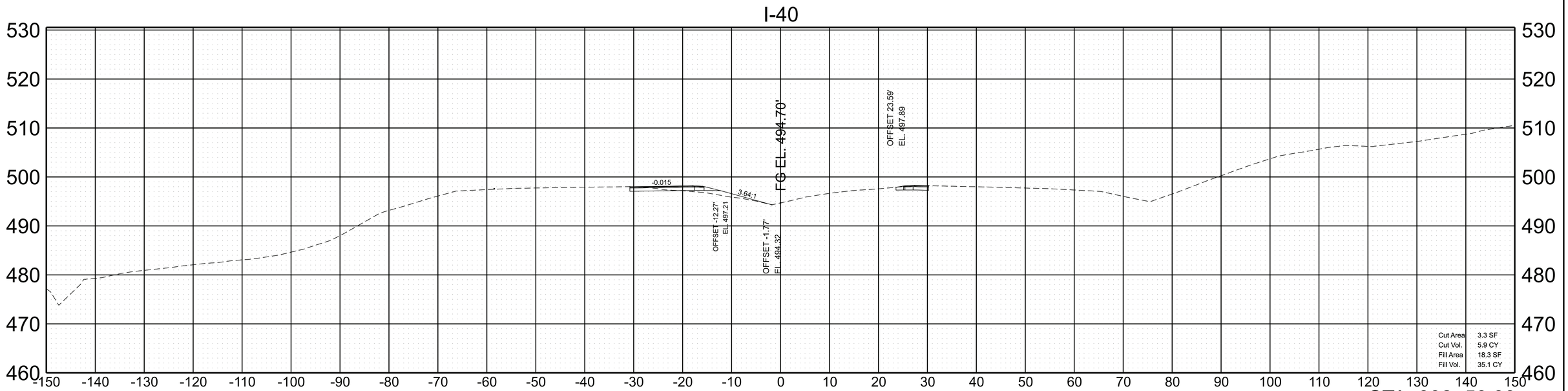
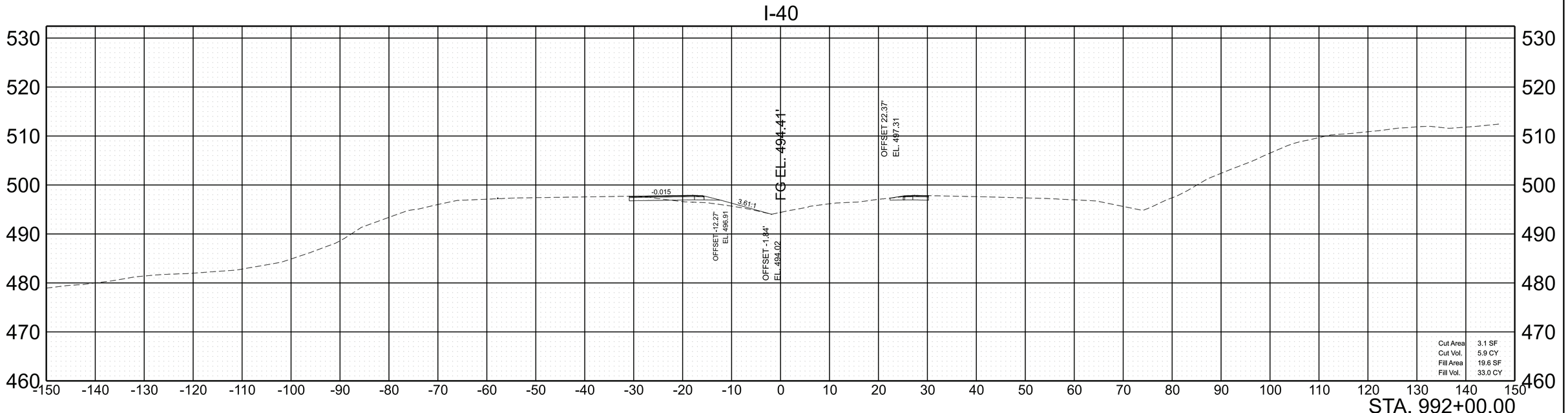
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T42
PIH	2025	39I040-S3-006	T42
PS&E	2026	39I040-S3-006	T42





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 992+00.00
	1"=10' VERT.	END STA. 992+50.00

2/10/2026 3:55:57 PM
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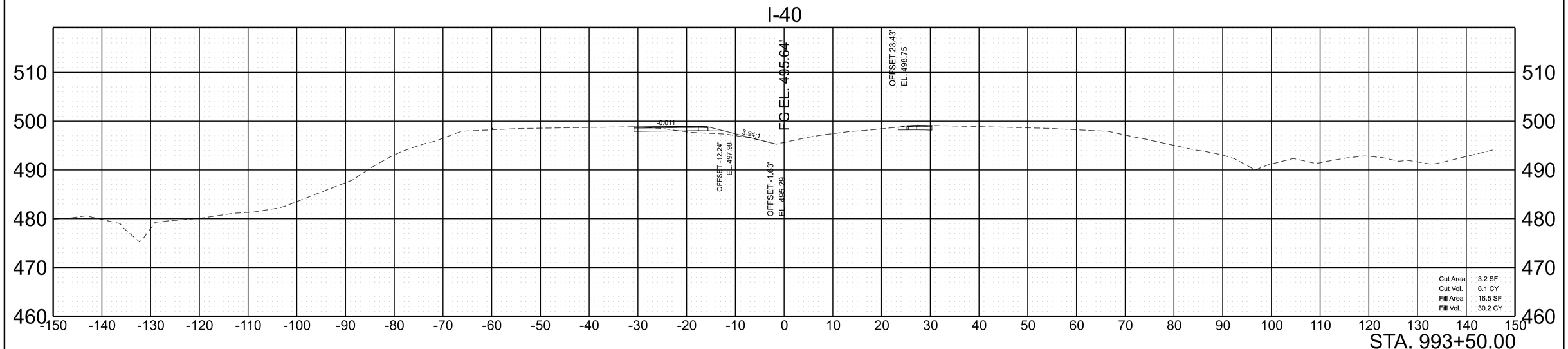
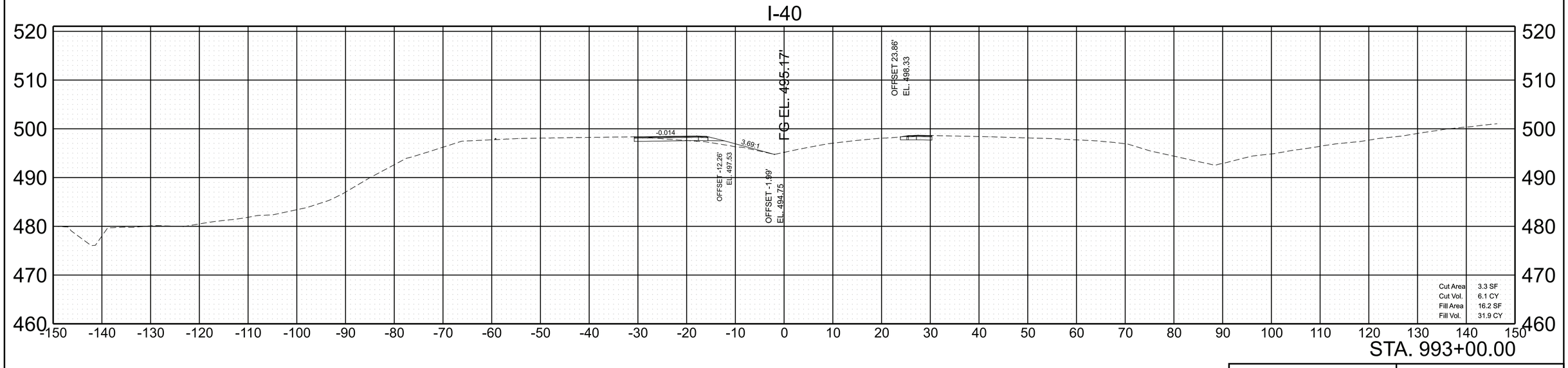
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T43
PIH	2025	39I040-S3-006	T43
PS&E	2026	39I040-S3-006	T43





PHASE I

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 993+00.00
	1"=10' VERT.	END STA. 993+50.00

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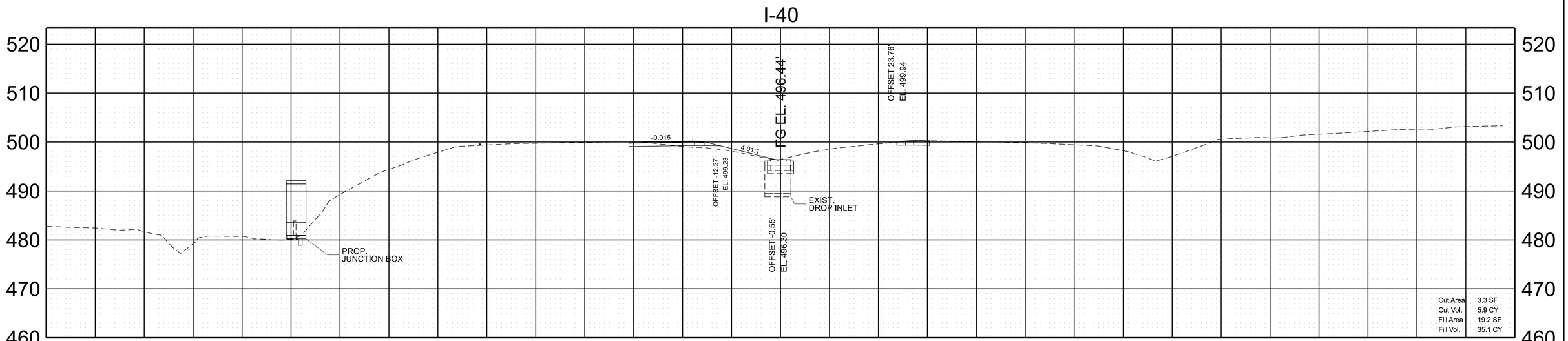
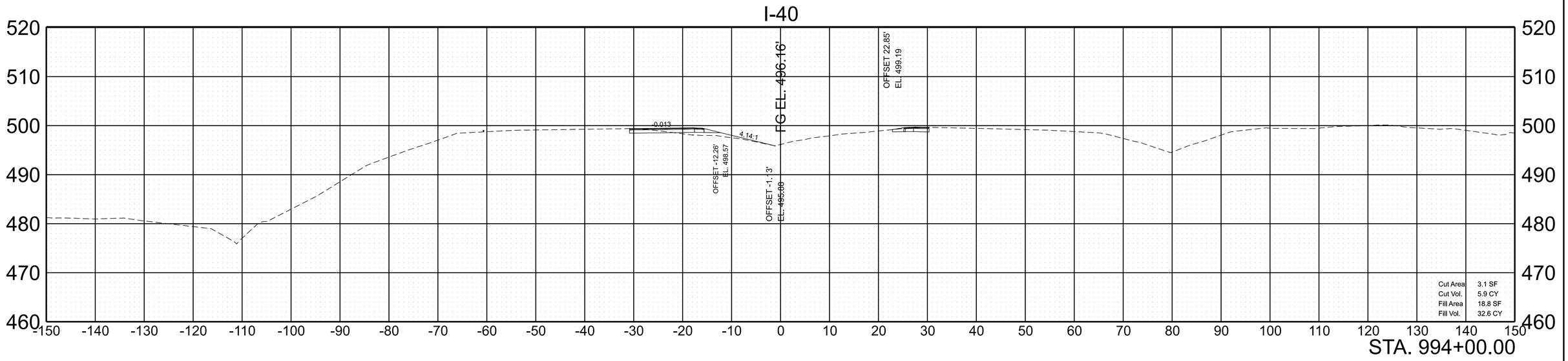
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T44
PIH	2025	39I040-S3-006	T44
PS&E	2026	39I040-S3-006	T44



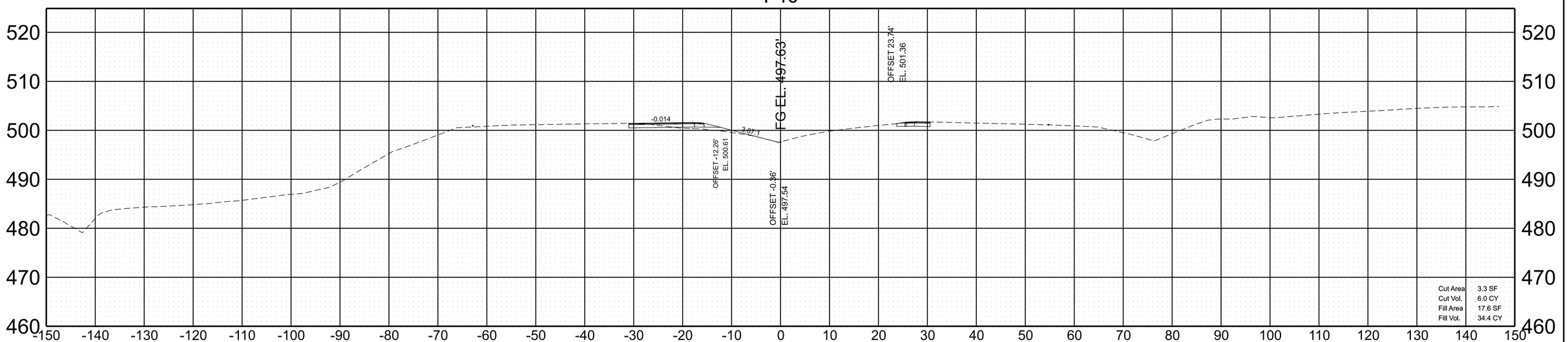


PHASE I

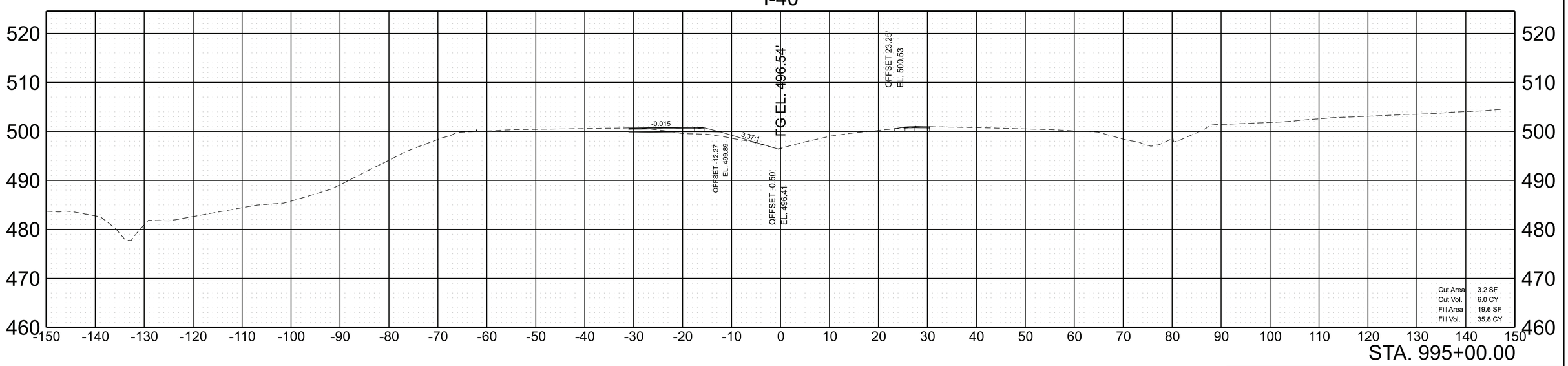
SCALE:	1"=10' HORIZ.	BEGIN STA. 994+00.00
	1"=10' VERT.	END STA. 994+50.00

2/10/2026 3:56:05 PM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T45
PIH	2025	39I040-S3-006	T45
PS&E	2026	39I040-S3-006	T45



STA. 995+50.00



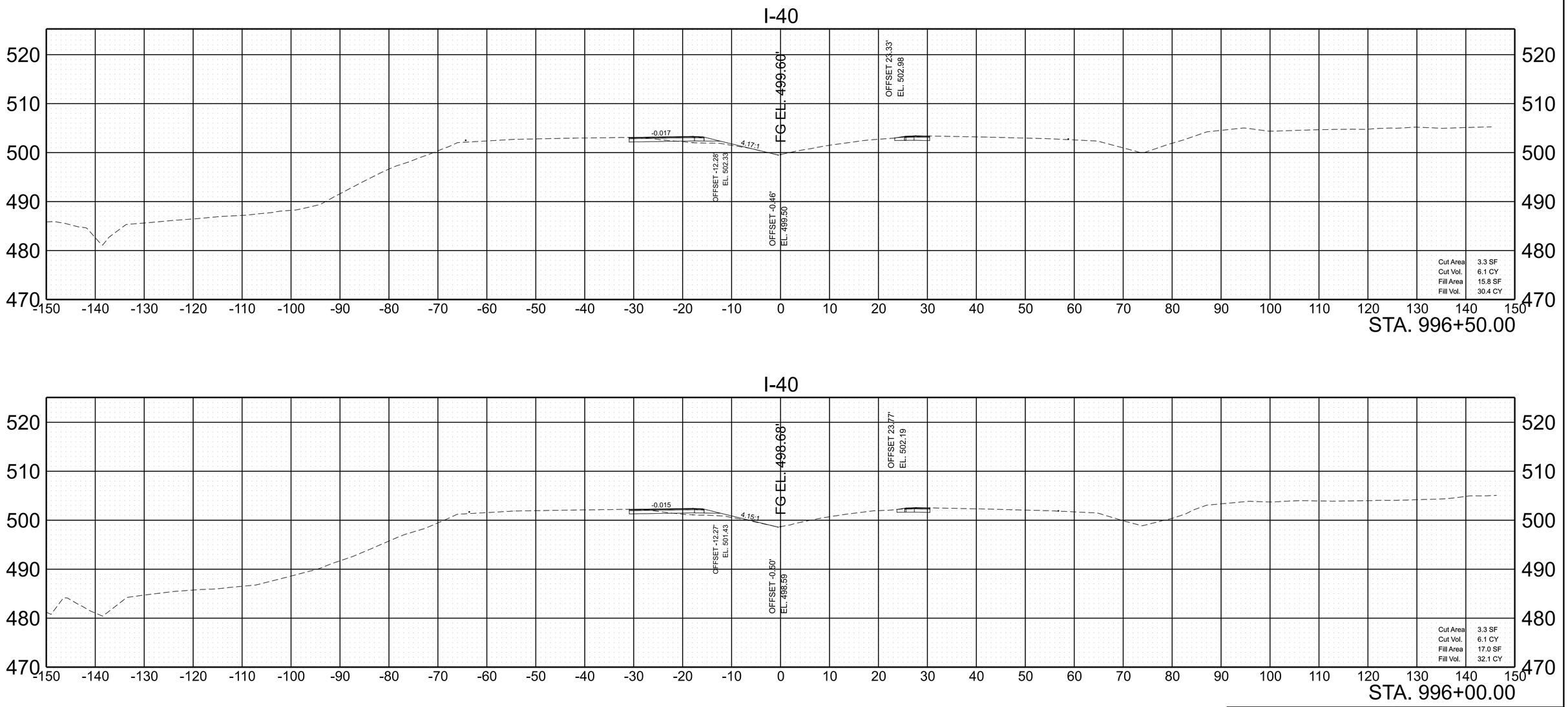
STA. 995+00.00

PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 995+00.00
	1"=10' VERT.	END STA. 995+50.00

2/10/2026 3:56:11 PM
C:\PW_WORKING\TNPARSONS_P0086006GIDMS\05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T46
PIH	2025	39I040-S3-006	T46
PS&E	2026	39I040-S3-006	T46

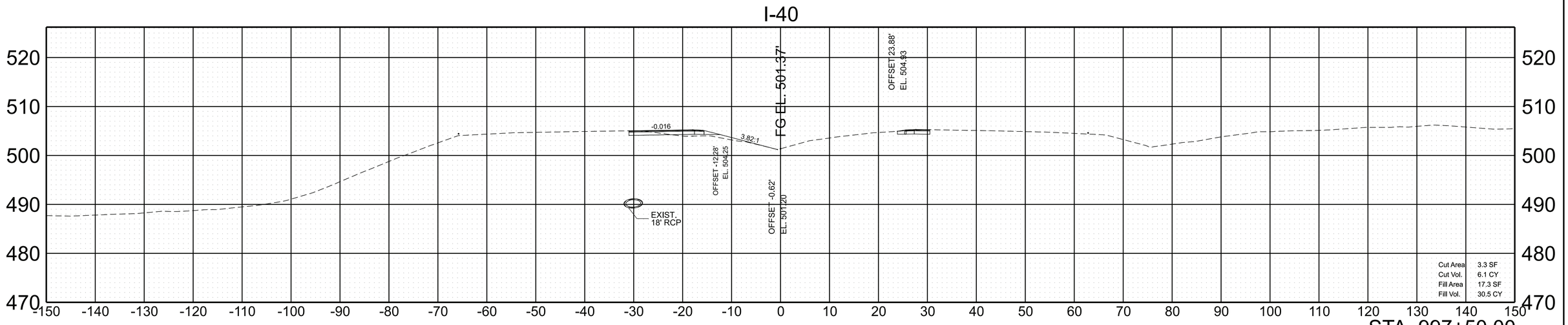


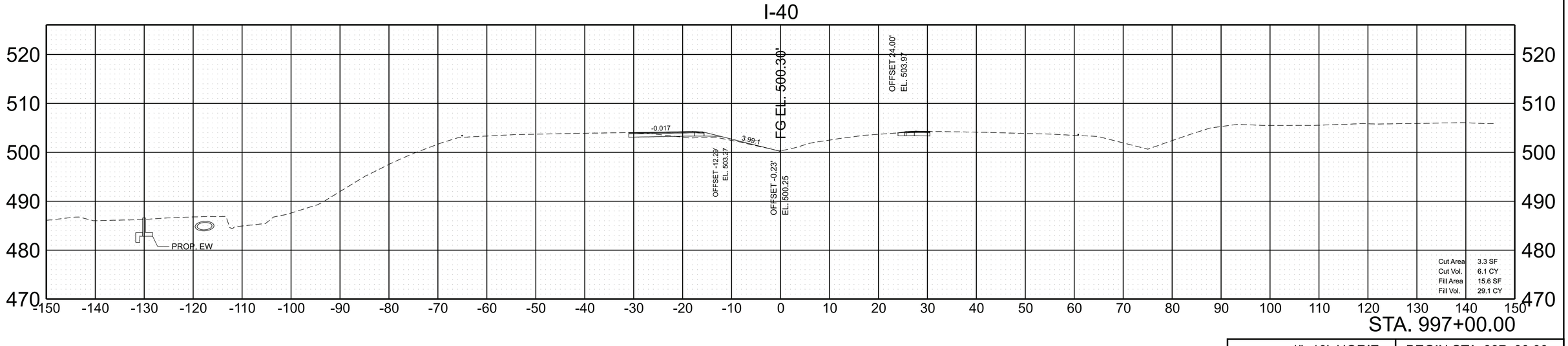
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 996+00.00
	1"=10' VERT.	END STA. 996+50.00

2/10/2026 3:56:15 PM
C:\PW_WORKING\TNPARSONS_P0086066GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T47
PIH	2025	39I040-S3-006	T47
PS&E	2026	39I040-S3-006	T47



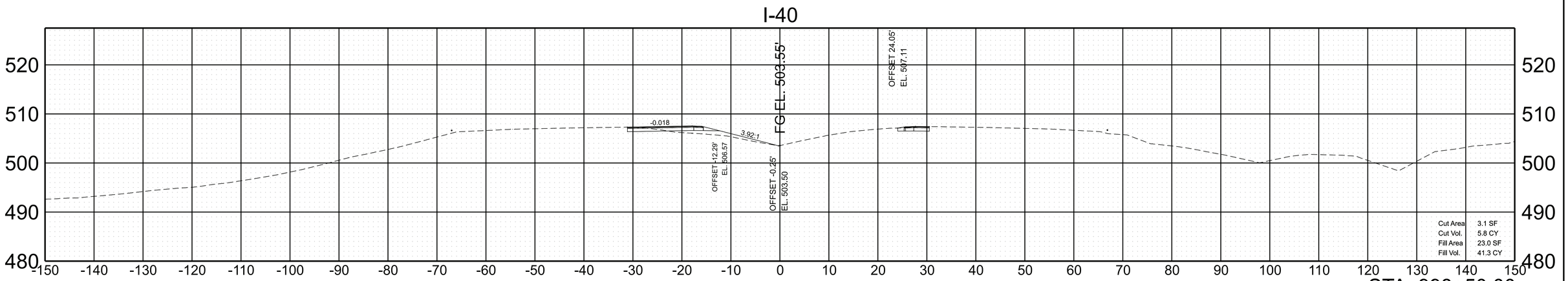


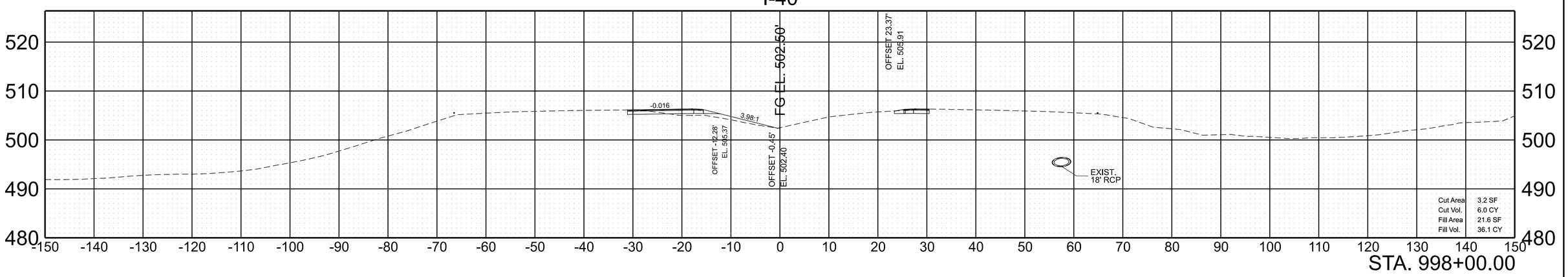
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 997+00.00
	1"=10' VERT.	END STA. 997+50.00

2/10/2026 3:56:19 PM
C:\PW_WORKING\TNPARSONS_P0086066\DMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T48
PIH	2025	39I040-S3-006	T48
PS&E	2026	39I040-S3-006	T48





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 998+00.00
	1"=10' VERT.	END STA. 998+50.00

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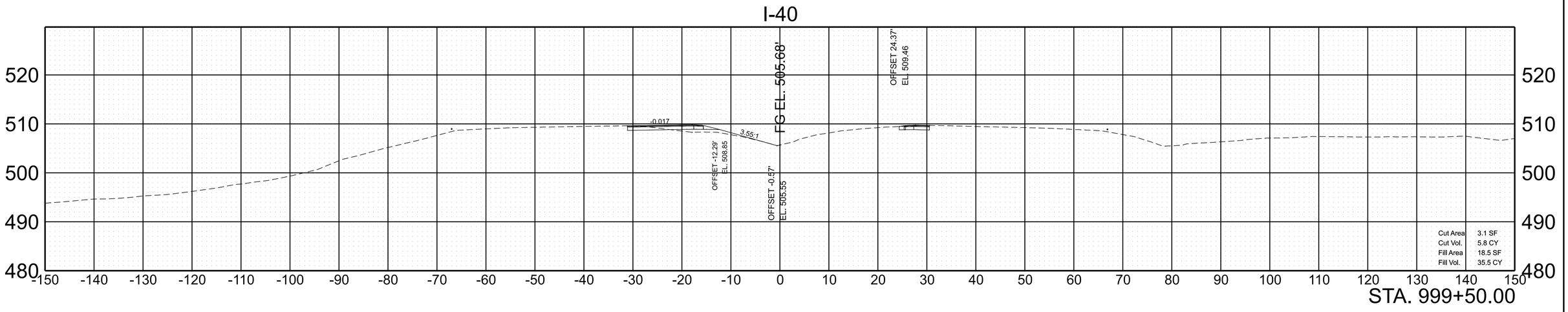
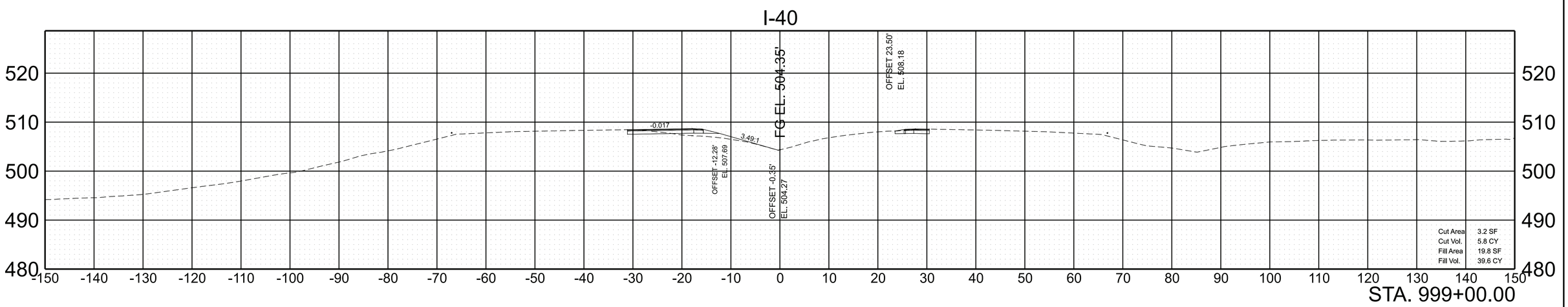
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T49
PIH	2025	39I040-S3-006	T49
PS&E	2026	39I040-S3-006	T49



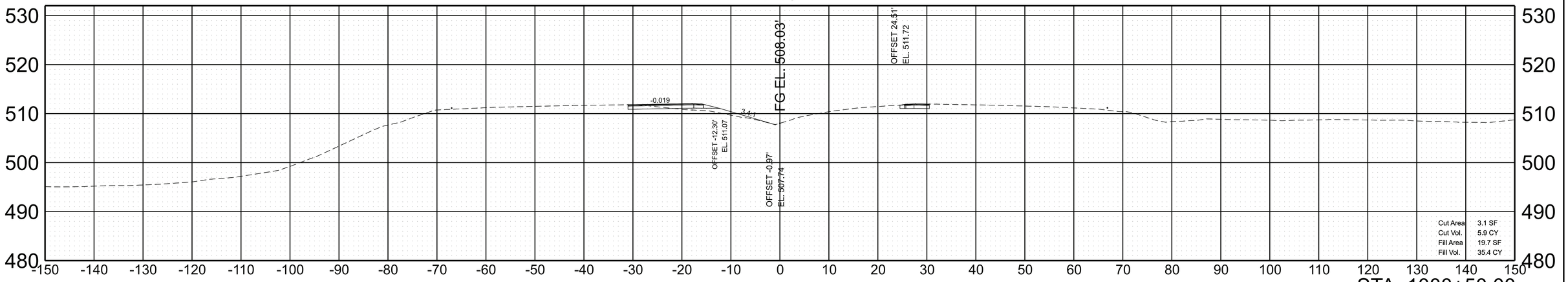


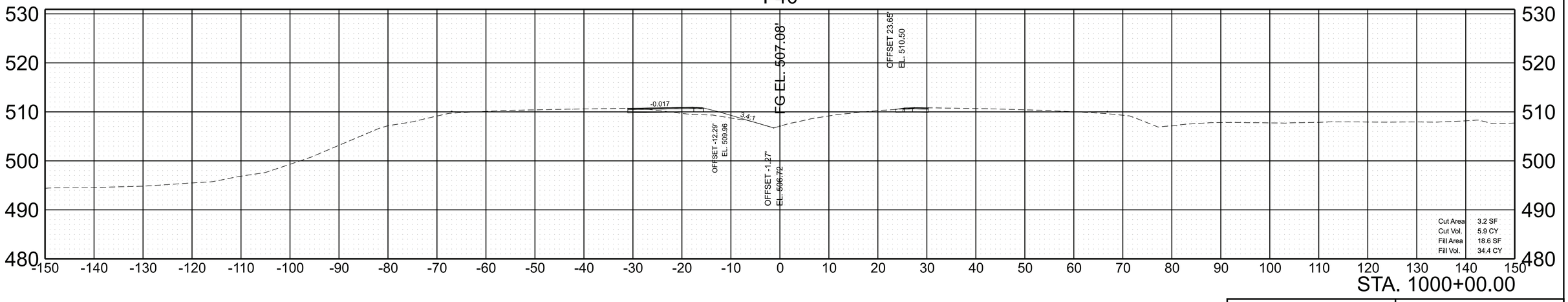
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 999+00.00
	1"=10' VERT.	END STA. 999+50.00

2/10/2026 3:56:27 PM
C:\PW_WORKING\TNIPARSONS_P0086066GIDMS0579639I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T50
PIH	2025	39I040-S3-006	T50
PS&E	2026	39I040-S3-006	T50





PHASE I

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

BEGIN STA.	1000+00.00
END STA.	1000+50.00

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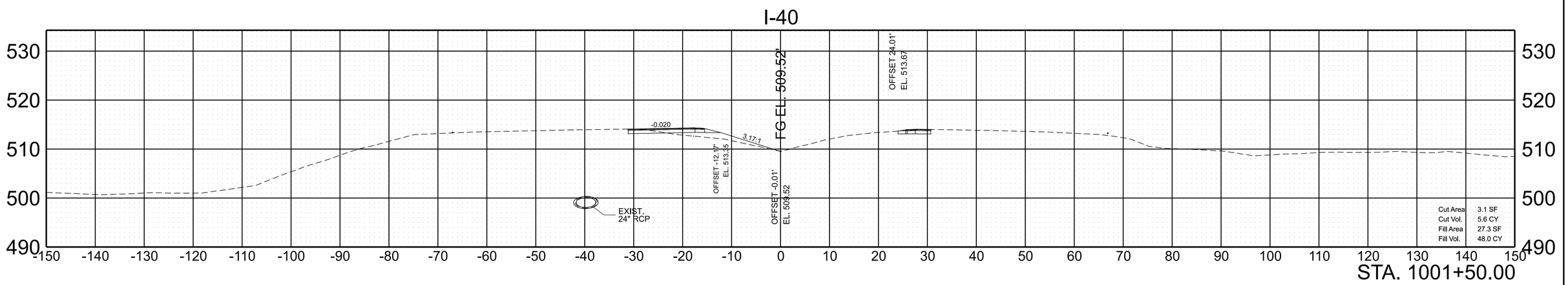
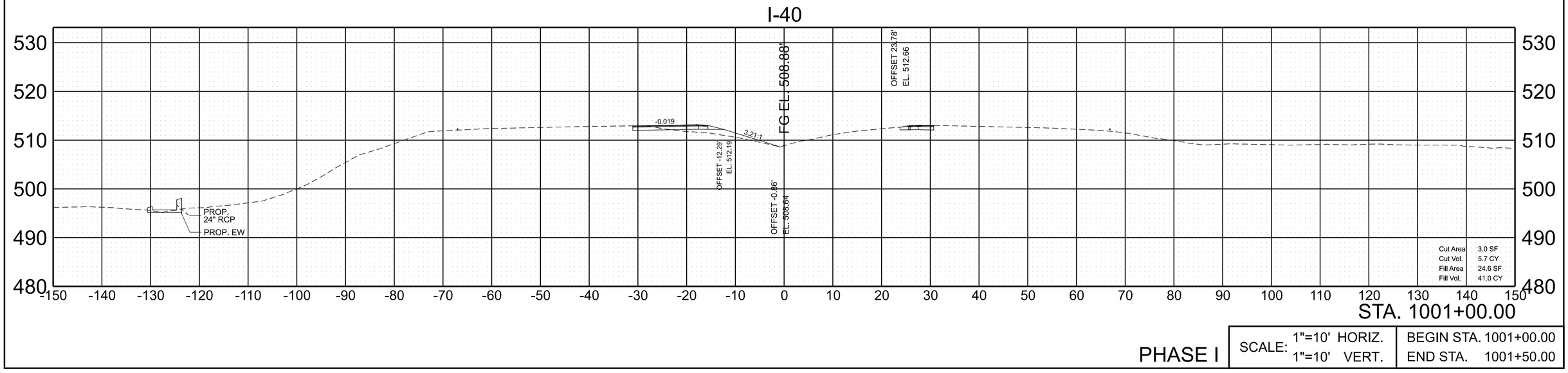
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T51
PIH	2025	39I040-S3-006	T51
PS&E	2026	39I040-S3-006	T51





PHASE I

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

BEGIN STA. 1001+00.00
END STA. 1001+50.00

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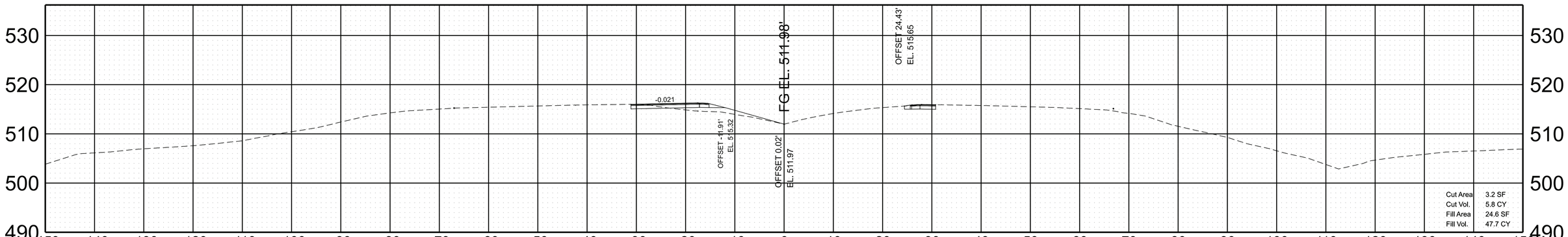
C:\PW_WORKINGTN\PARSONS_P0086006GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

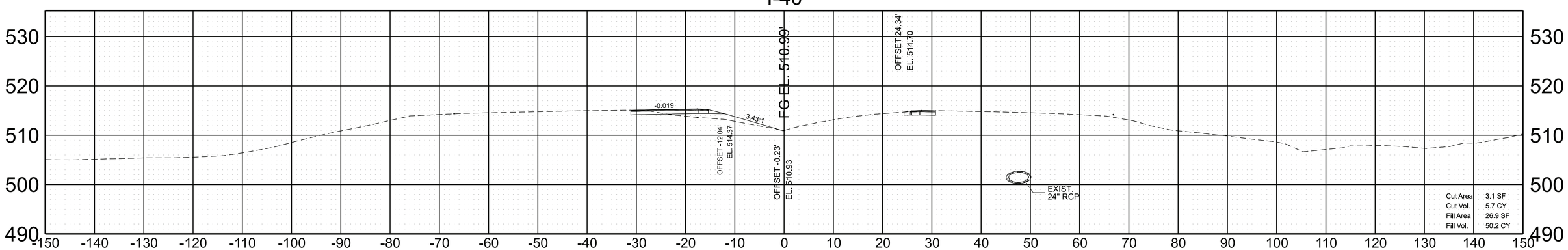
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T52
PIH	2025	39I040-S3-006	T52
PS&E	2026	39I040-S3-006	T52

I-40



STA. 1002+50.00

I-40



STA. 1002+00.00

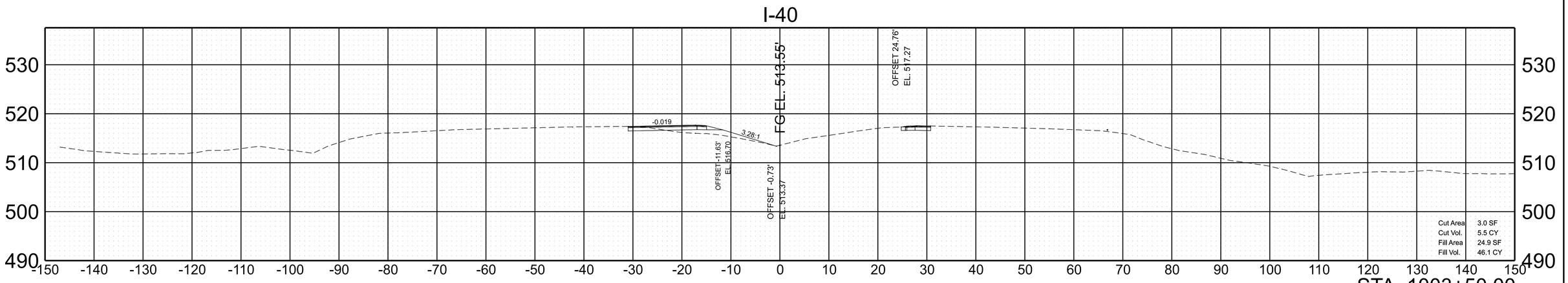
PHASE I

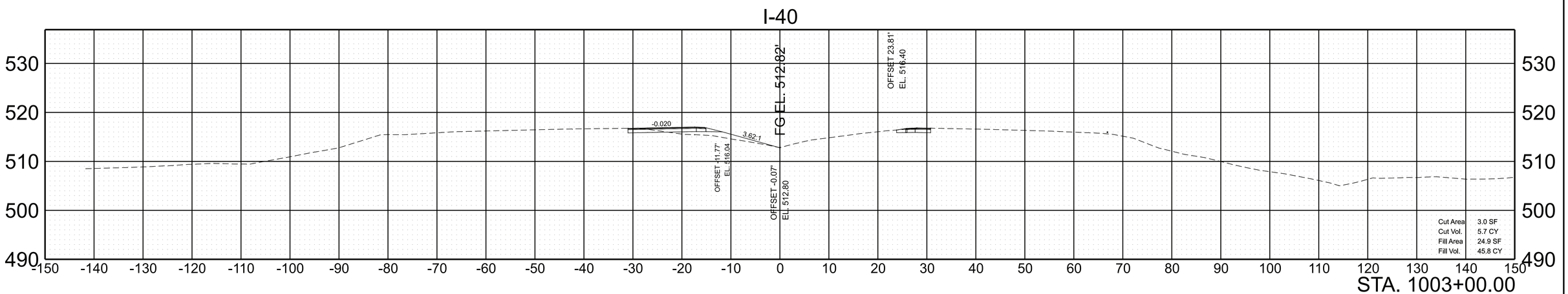
SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 1002+00.00
END STA. 1002+50.00

2/10/2026 3:56:39 PM
C:\PW_WORKING\TN\PARSONS_P0086066\GDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T53
PIH	2025	39I040-S3-006	T53
PS&E	2026	39I040-S3-006	T53





PHASE I

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

BEGIN STA. 1003+00.00
END STA. 1003+50.00

2/10/2026 3:56:43 PM
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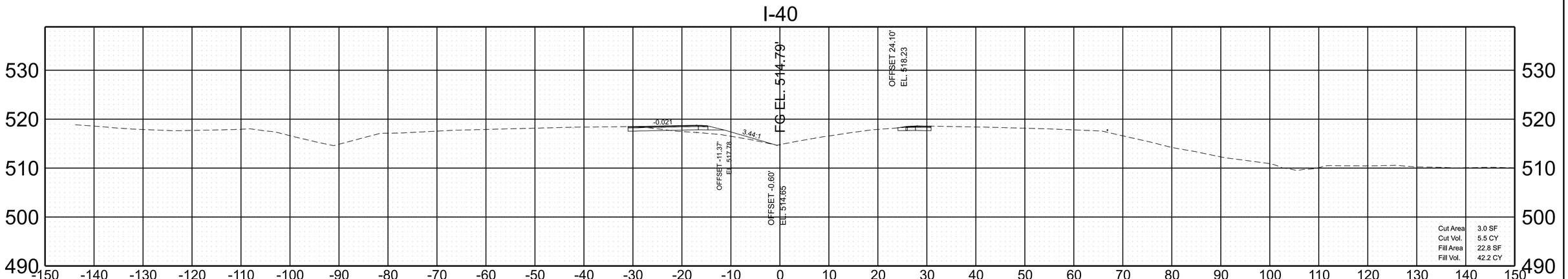
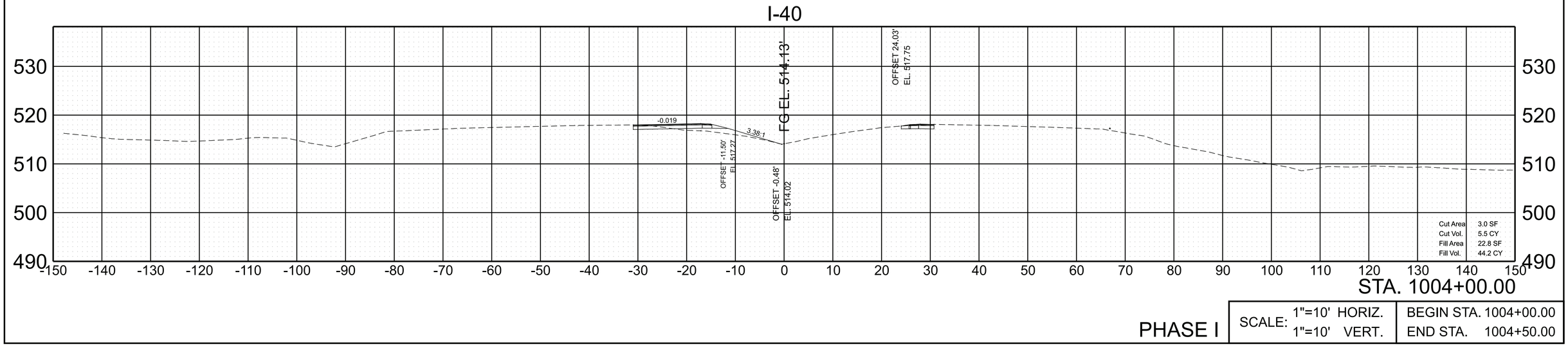
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T54
PIH	2025	39I040-S3-006	T54
PS&E	2026	39I040-S3-006	T54





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1004+00.00
	1"=10' VERT.	END STA. 1004+50.00

2/10/2026 3:56:47 PM
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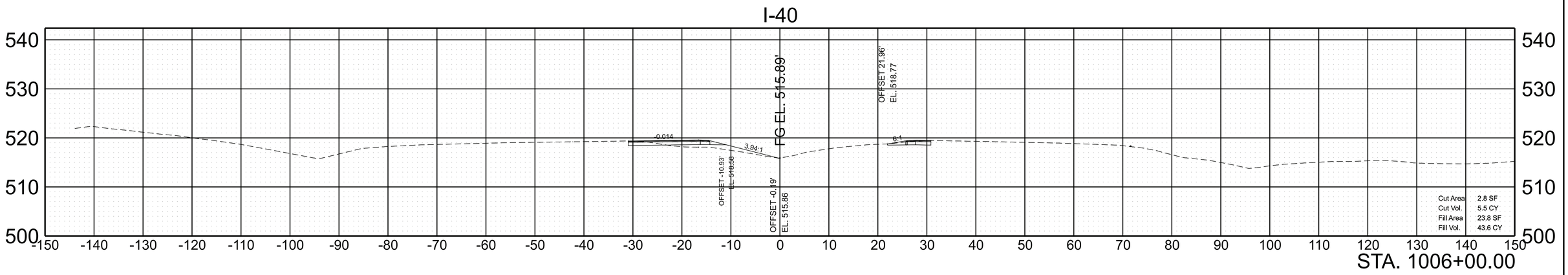
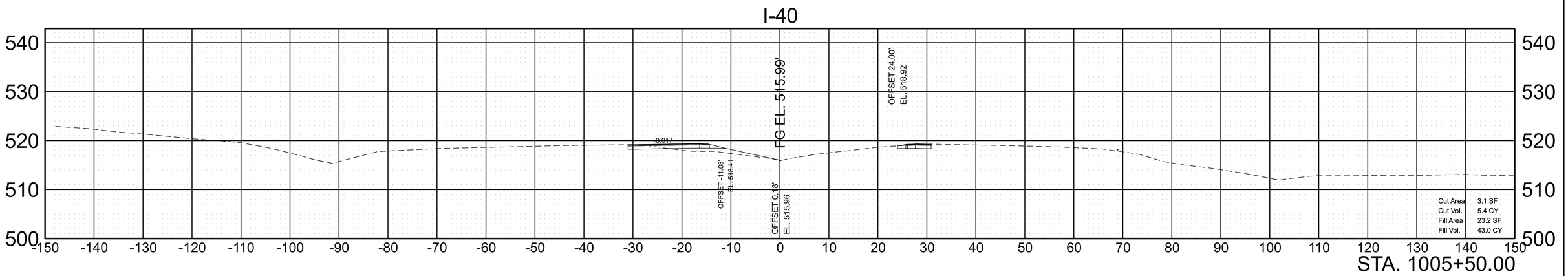
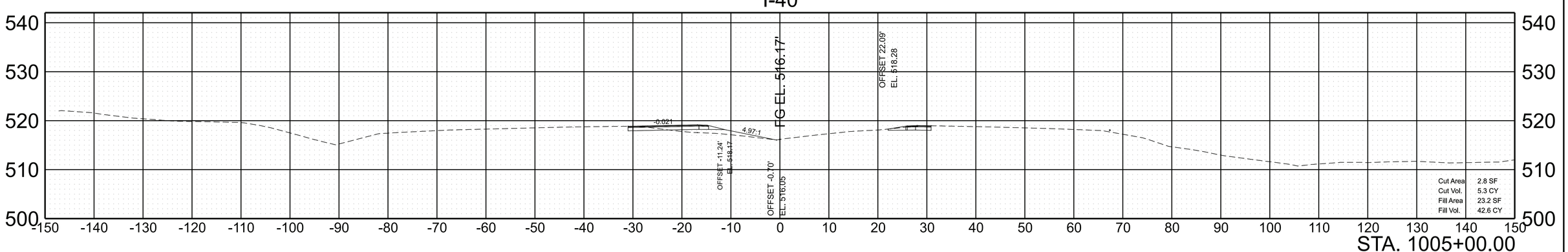
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T55
PIH	2025	39I040-S3-006	T55
PS&E	2026	39I040-S3-006	T55







PHASE I

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 1005+00.00
	1"=10' VERT.	END STA. 1006+00.00

2/10/2026 3:56:53 PM
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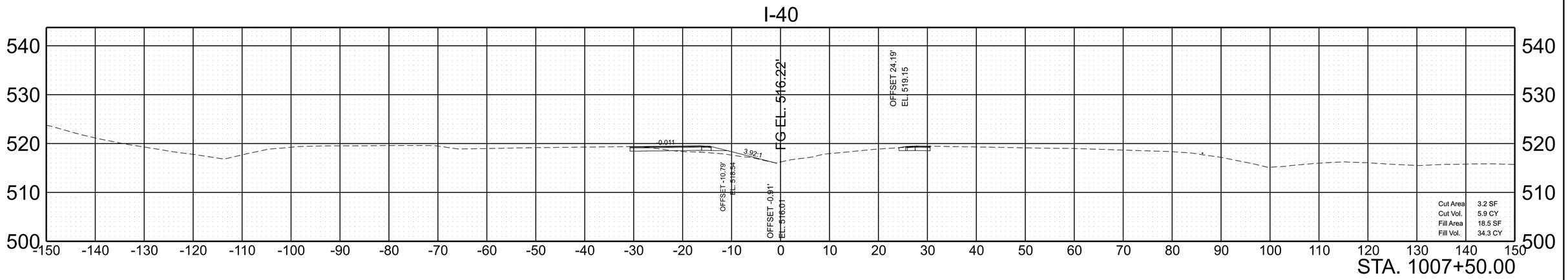
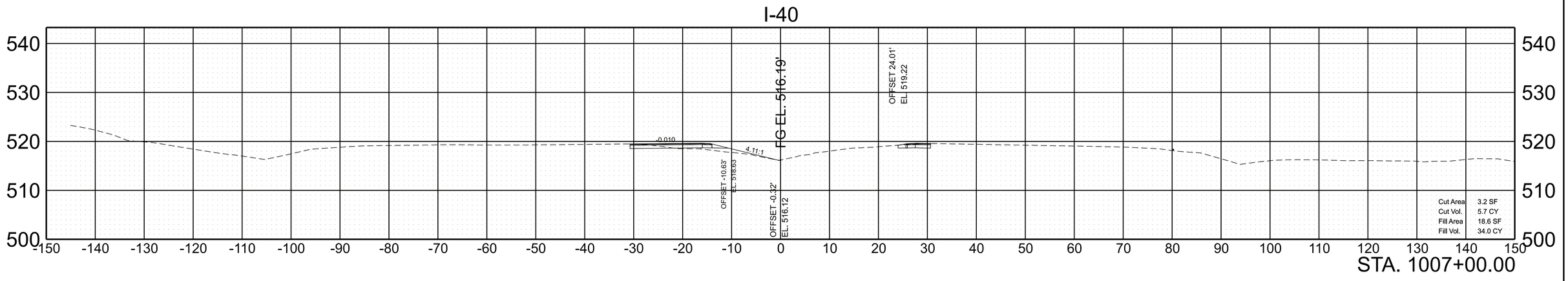
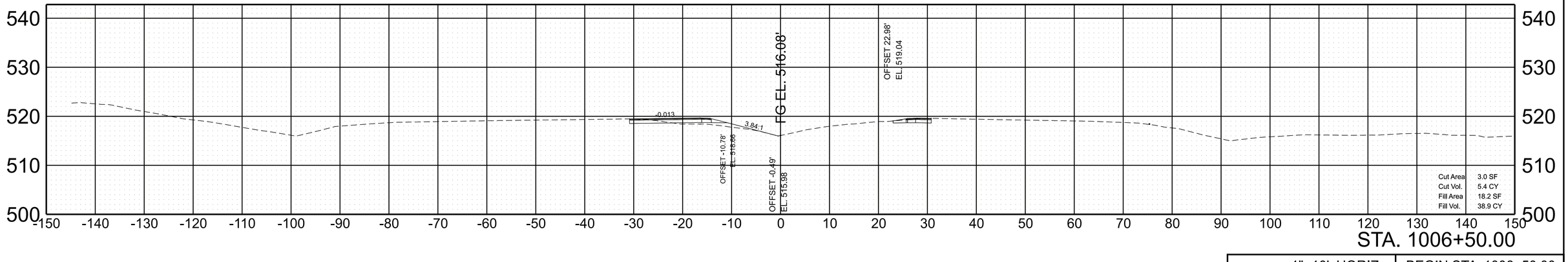
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T56
PIH	2025	39I040-S3-006	T56
PS&E	2026	39I040-S3-006	T56







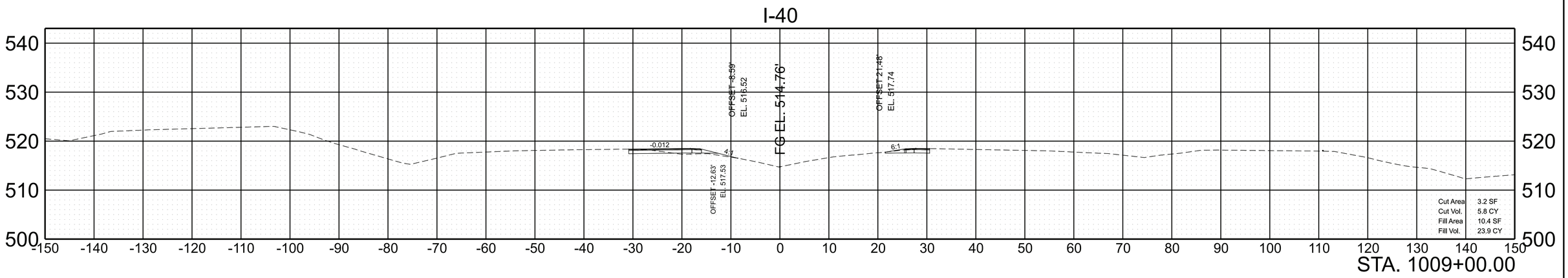
PHASE I

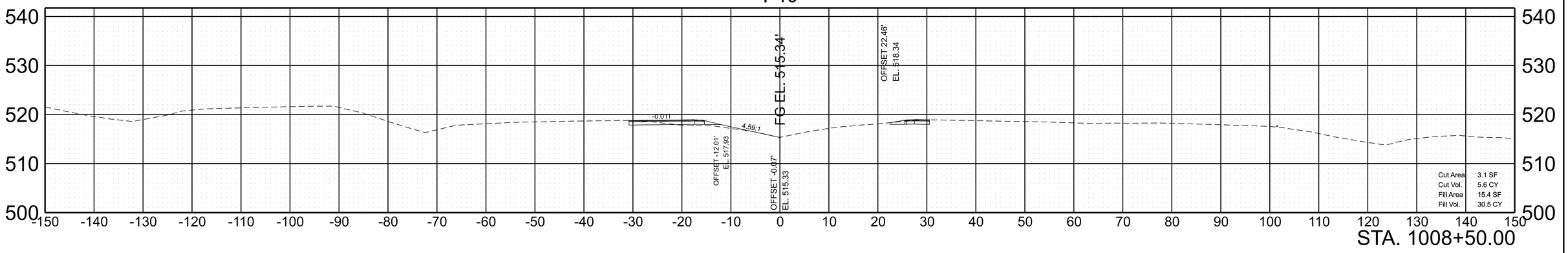
SCALE: 1"=10' HORIZ. 1"=10' VERT.

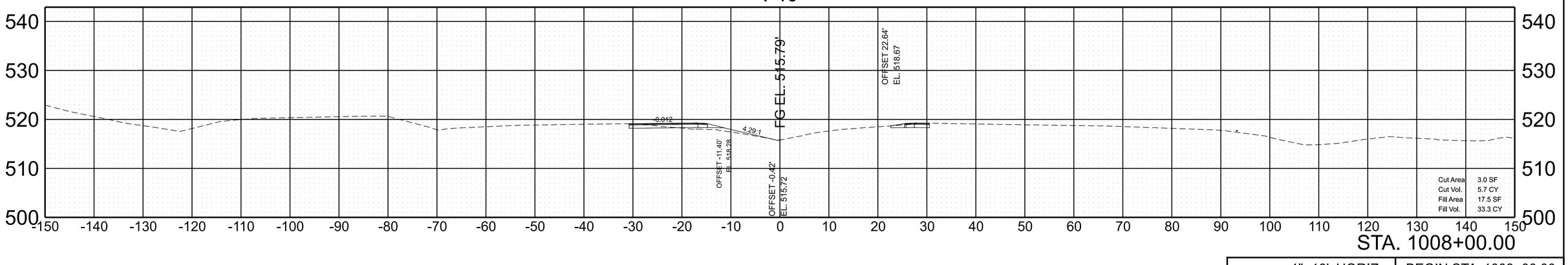
BEGIN STA. 1006+50.00
END STA. 1007+50.00

2/10/2026 3:56:58 PM
C:\PW_WORKING\TNPARSONS_P0086066\DMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T57
PIH	2025	39I040-S3-006	T57
PS&E	2026	39I040-S3-006	T57







PHASE I

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

BEGIN STA. 1008+00.00
END STA. 1009+00.00

2/10/2026 3:57:04 PM
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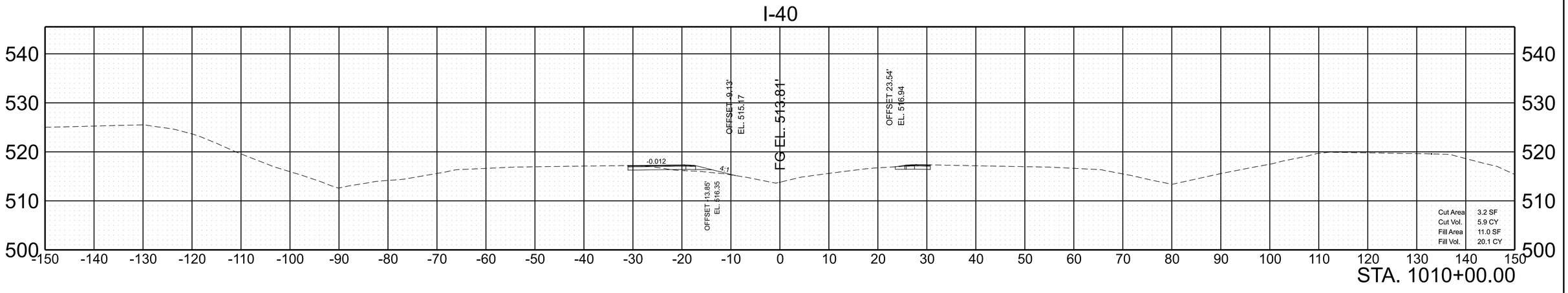
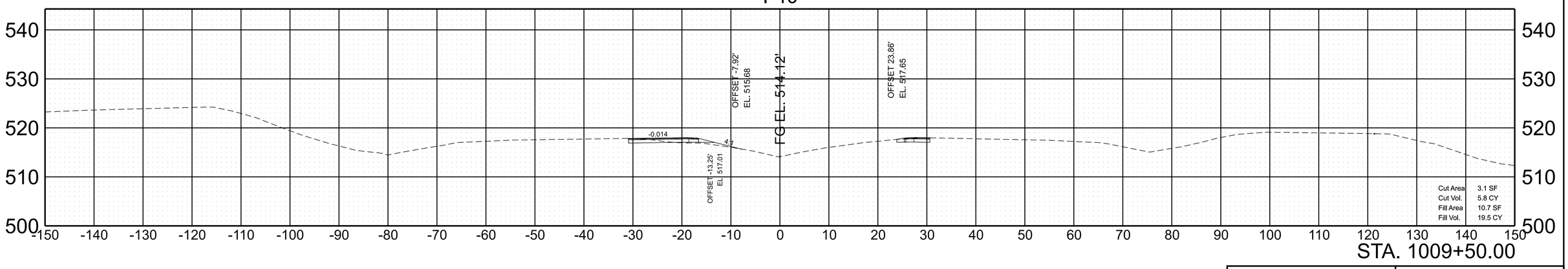
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T58
PIH	2025	39I040-S3-006	T58
PS&E	2026	39I040-S3-006	T58



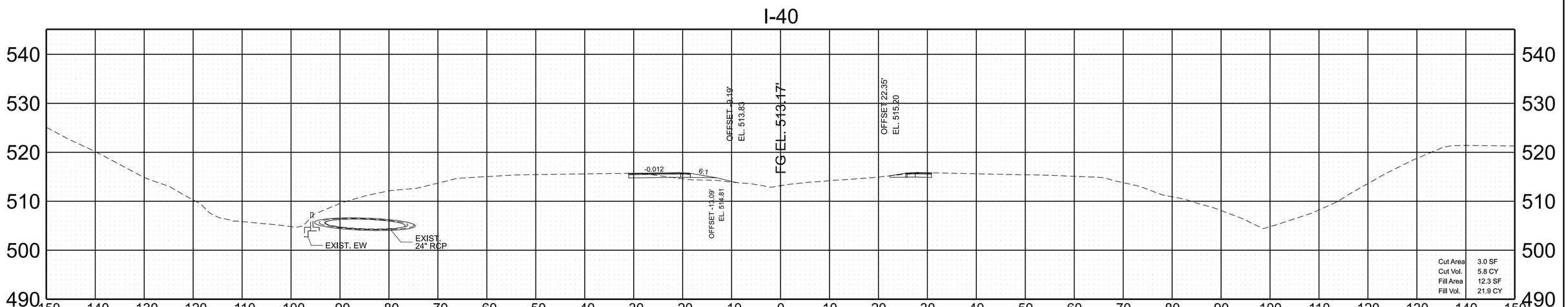


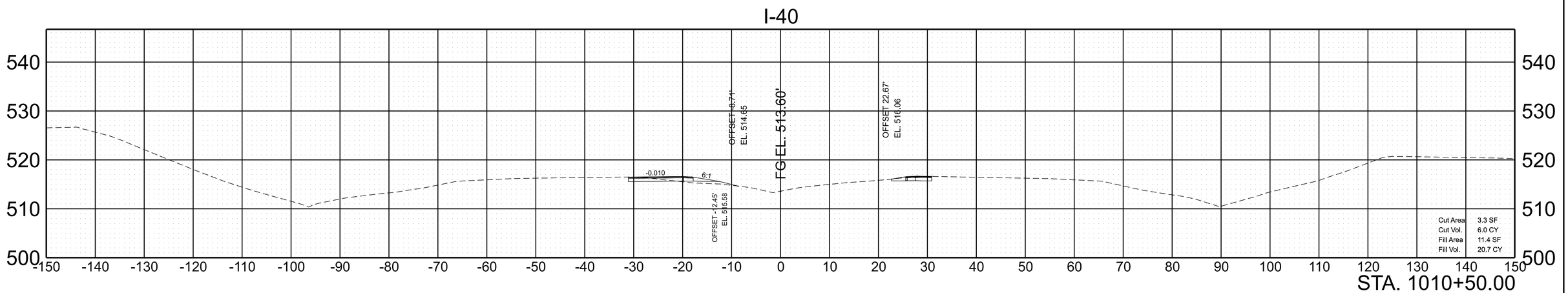
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1009+50.00
	1"=10' VERT.	END STA. 1010+00.00

2/10/2026 3:57:08 PM
C:\PW_WORKING\TNIPARSONS_P0086066GIDMS0579639I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T59
PIH	2025	39I040-S3-006	T59
PS&E	2026	39I040-S3-006	T59





PHASE I

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

BEGIN STA. 1010+50.00
END STA. 1011+00.00

2/10/2026 3:57:13 PM
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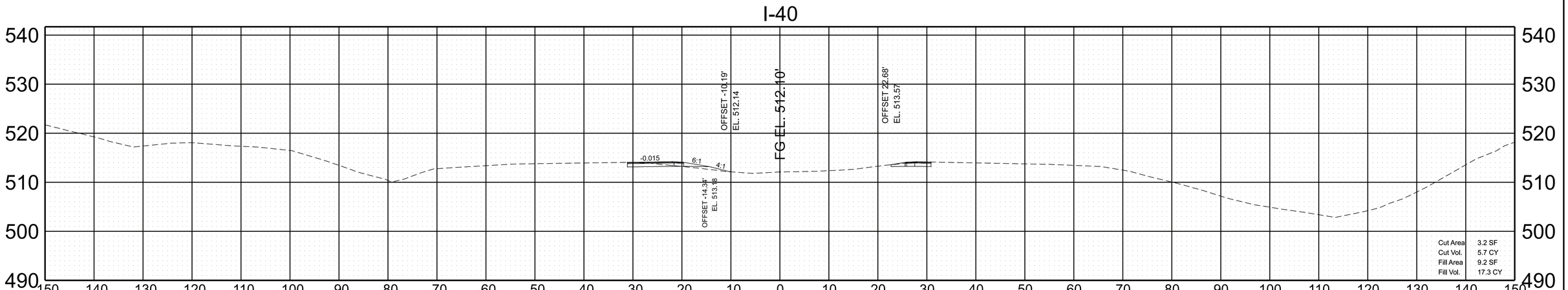
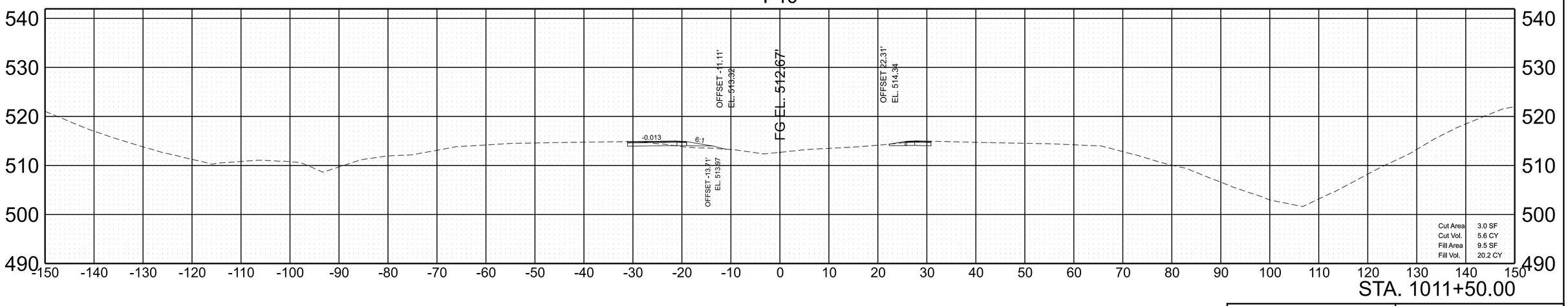
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T60
PIH	2025	39I040-S3-006	T60
PS&E	2026	39I040-S3-006	T60





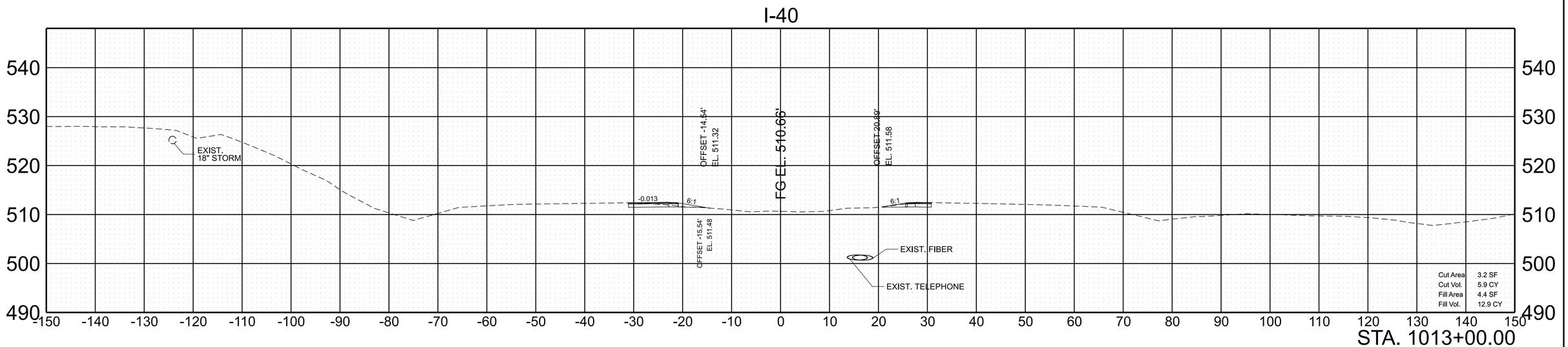
PHASE I

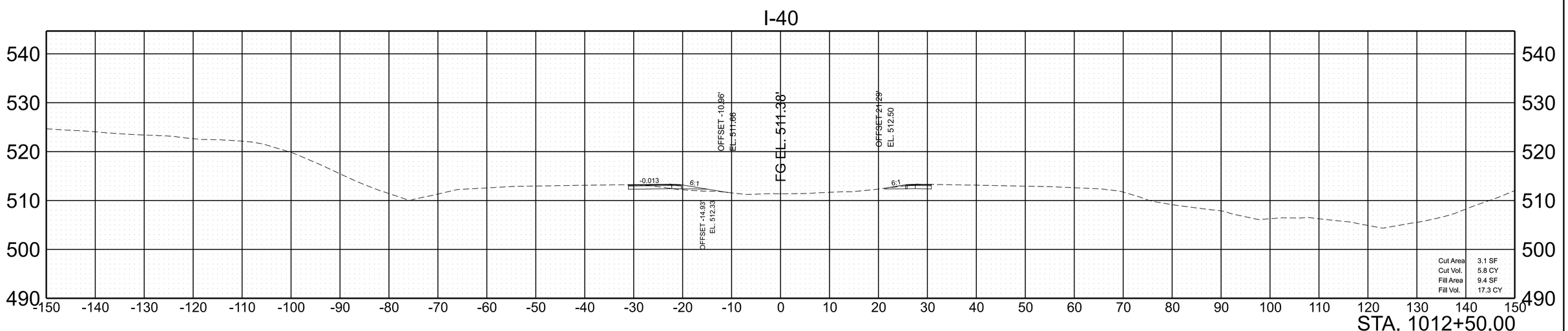
SCALE: 1"=10' HORIZ. 1"=10' VERT.

BEGIN STA. 1011+50.00
END STA. 1012+00.00

2/10/2026 3:57:17 PM
C:\PW_WORKING\TNPARSONS_P008606GIDMSD57961039I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T61
PIH	2025	39I040-S3-006	T61
PS&E	2026	39I040-S3-006	T61





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1012+50.00
	1"=10' VERT.	END STA. 1013+00.00

2/10/2026 3:57:22 PM
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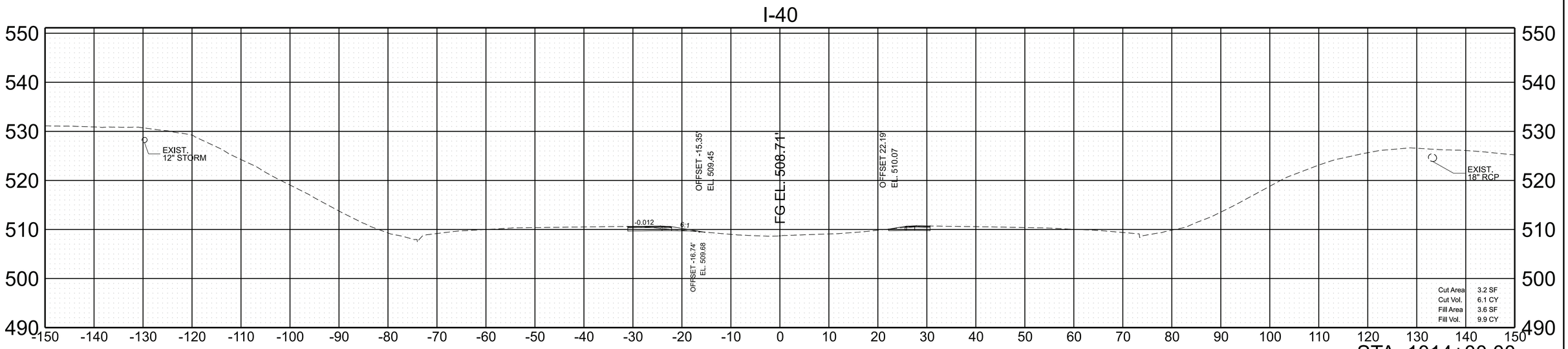
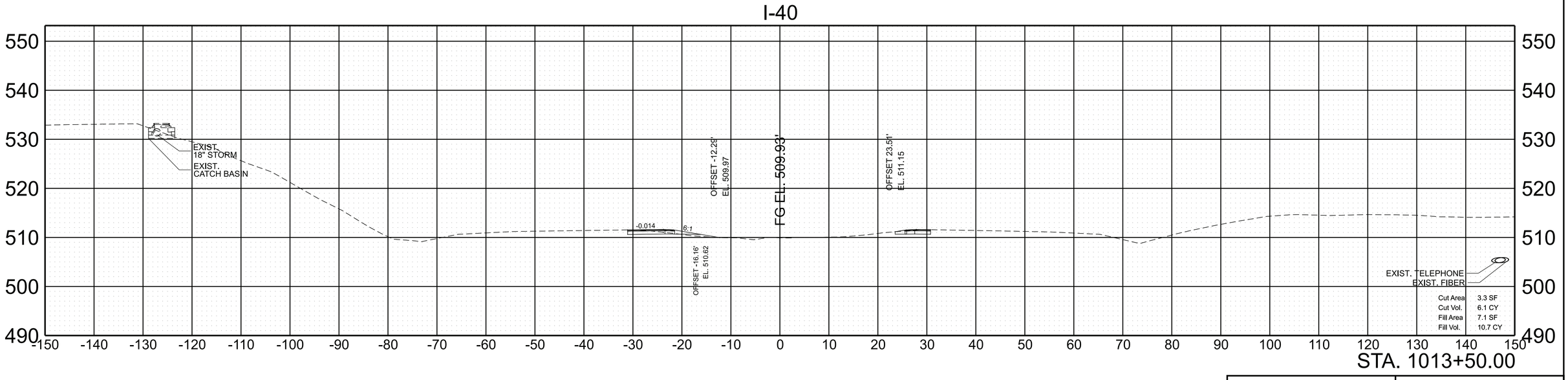
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T62
PIH	2025	39I040-S3-006	T62
PS&E	2026	39I040-S3-006	T62





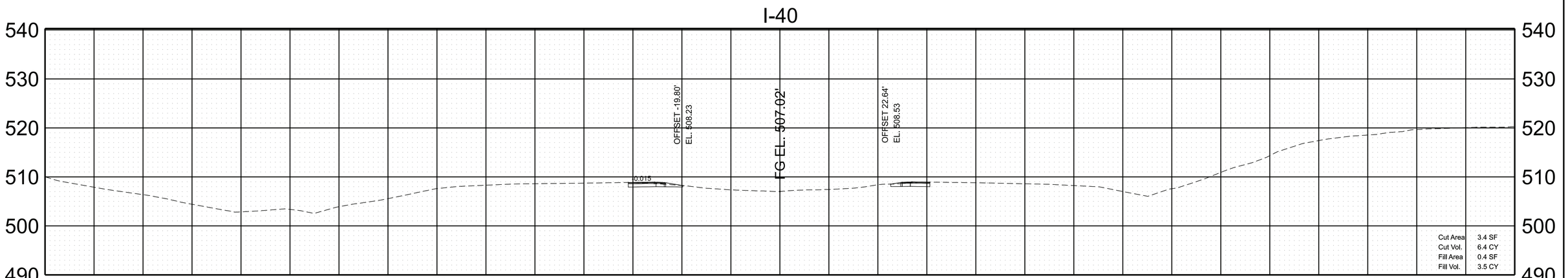
PHASE I

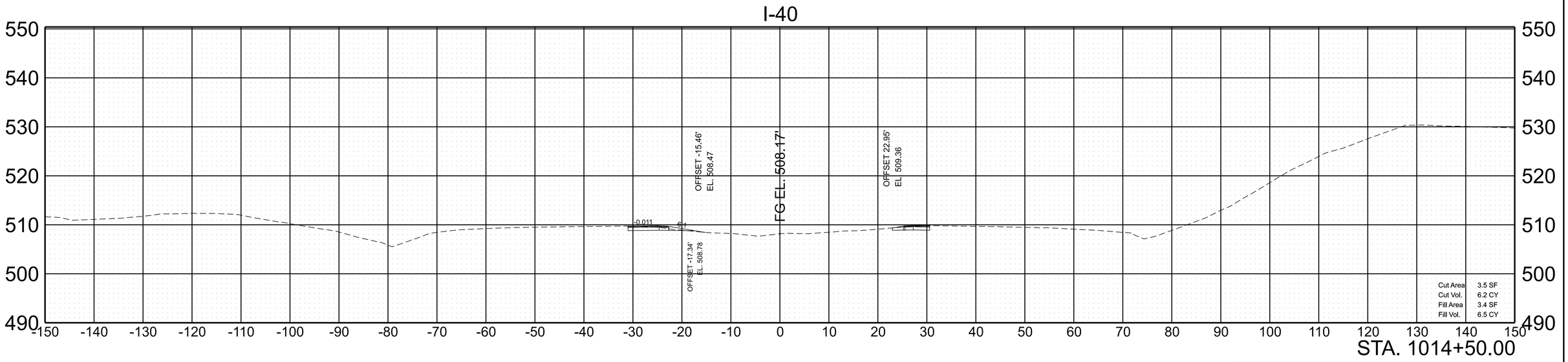
SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 1013+50.00
END STA. 1014+00.00

2/10/2026 3:57:26 PM
C:\PW_WORKING\TNPARSONS_P0086006GIDMSD5796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T63
PIH	2025	39I040-S3-006	T63
PS&E	2026	39I040-S3-006	T63





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1014+50.00
	1"=10' VERT.	END STA. 1015+00.00

2/10/2026 3:57:30 PM
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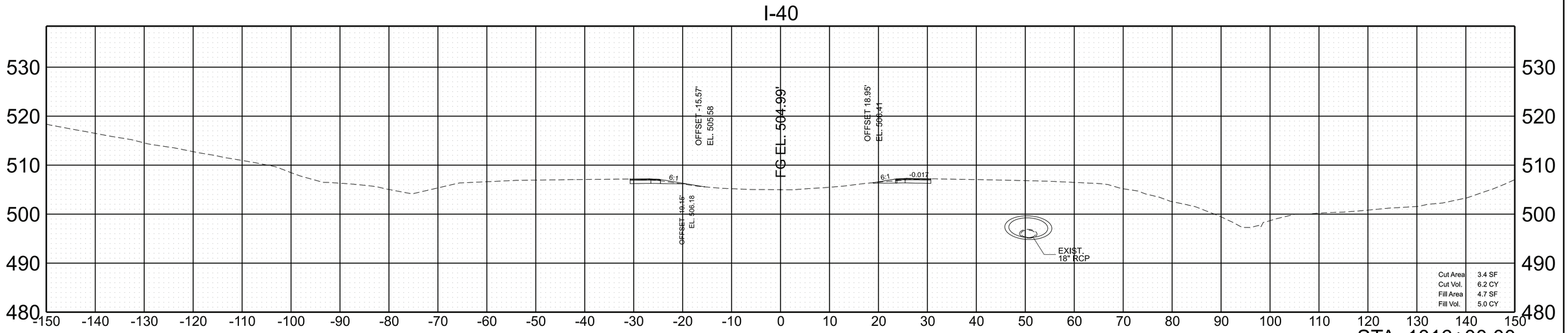
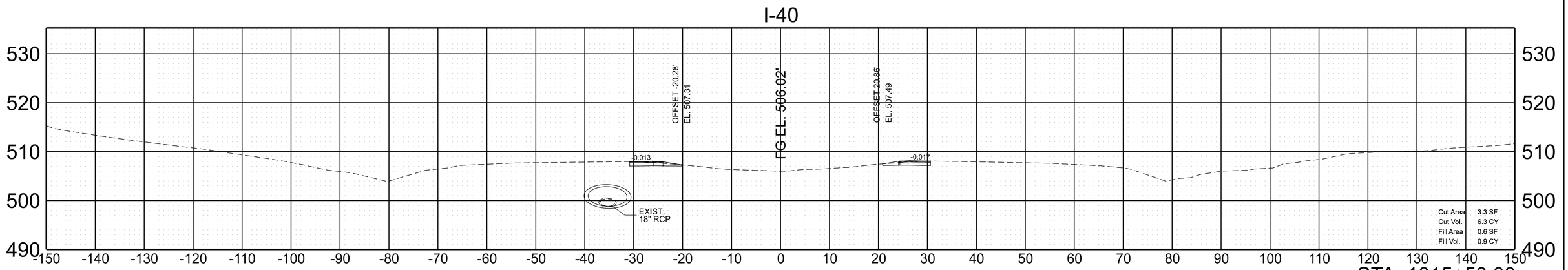
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T64
PIH	2025	39I040-S3-006	T64
PS&E	2026	39I040-S3-006	T64



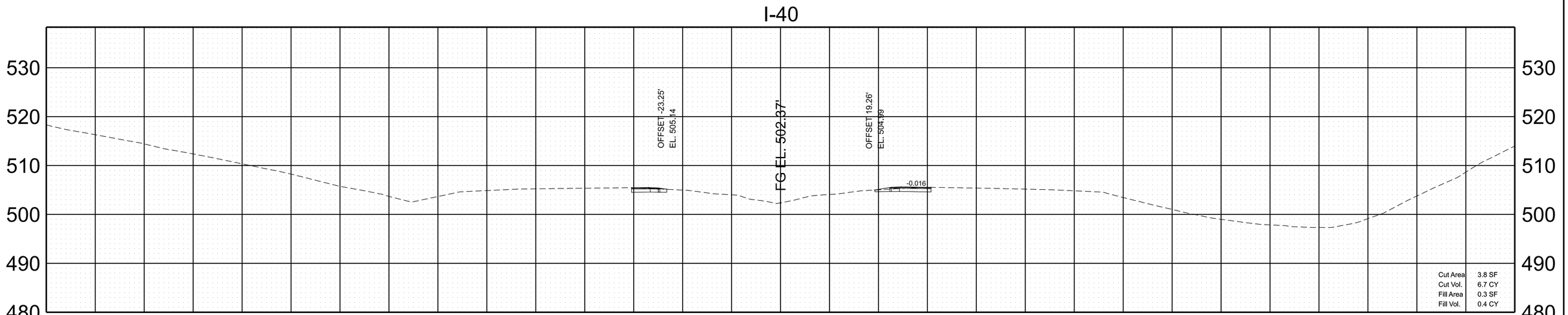


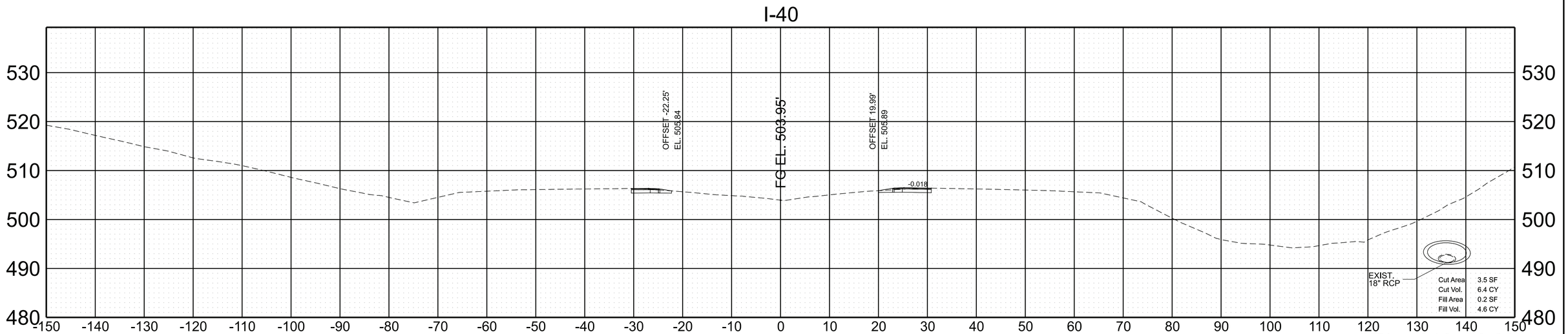
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1015+50.00
	1"=10' VERT.	END STA. 1016+00.00

2/10/2026 3:57:34 PM
C:\PW_WORKINGTN\PARSONS_P008606GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T65
PIH	2025	39I040-S3-006	T65
PS&E	2026	39I040-S3-006	T65





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1016+50.00
	1"=10' VERT.	END STA. 1017+00.00

2/10/2026 3:57:56 PM
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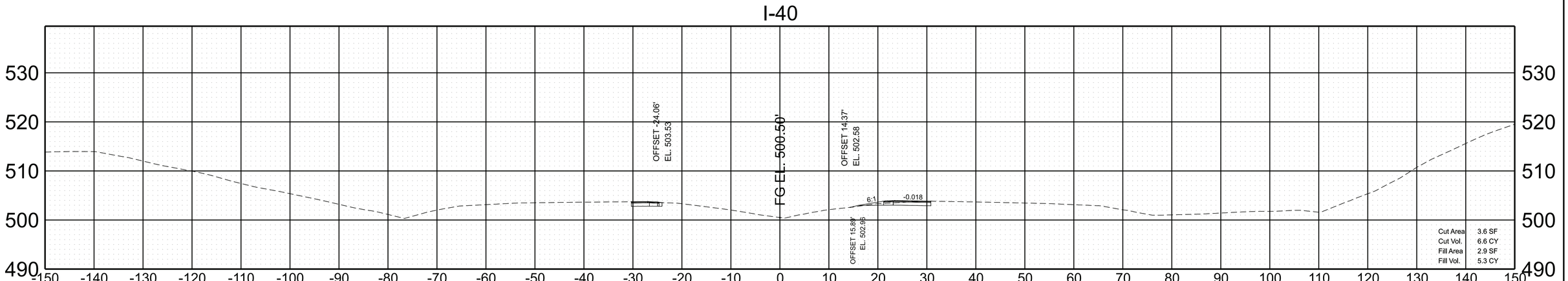
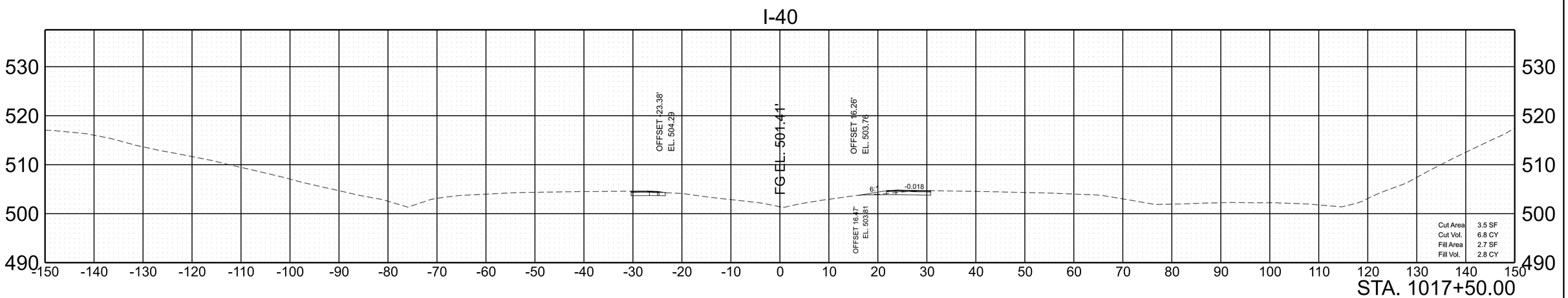
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T66
PIH	2025	39I040-S3-006	T66
PS&E	2026	39I040-S3-006	T66





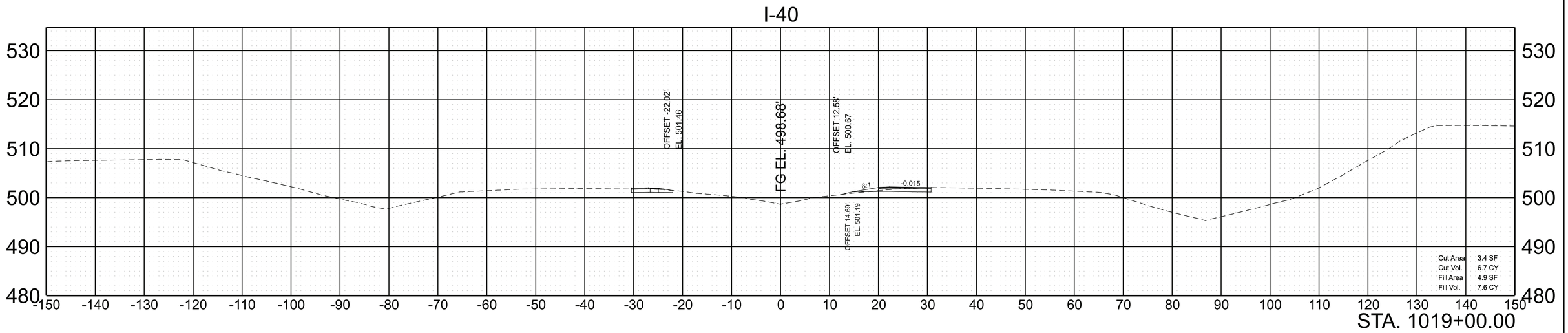
PHASE I

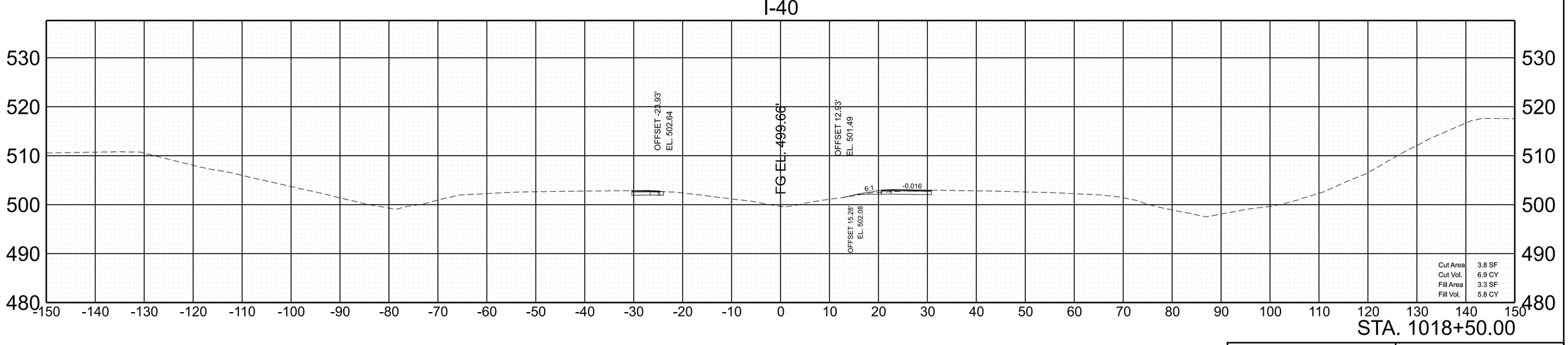
SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 1017+50.00
END STA. 1018+00.00

2/10/2026 3:58:01 PM
C:\PW_WORKING\TNPARSONS_P008606GIDMS057963910040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T67
PIH	2025	39I040-S3-006	T67
PS&E	2026	39I040-S3-006	T67



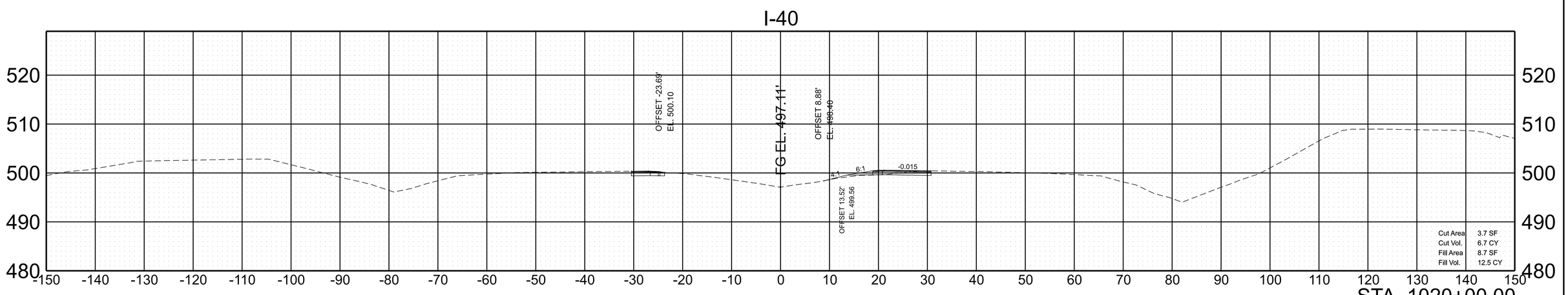


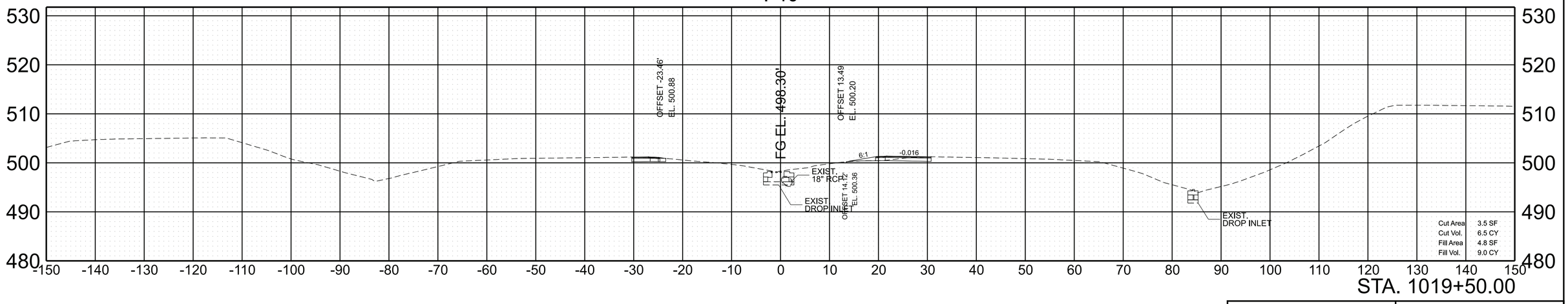
PHASE I

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 1018+50.00
	1"=10' VERT.	END STA. 1019+00.00

2/10/2026 3:58:04 PM
C:\PW_WORKING\TN\PARSONS_P0086066\DMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T68
PIH	2025	39I040-S3-006	T68
PS&E	2026	39I040-S3-006	T68





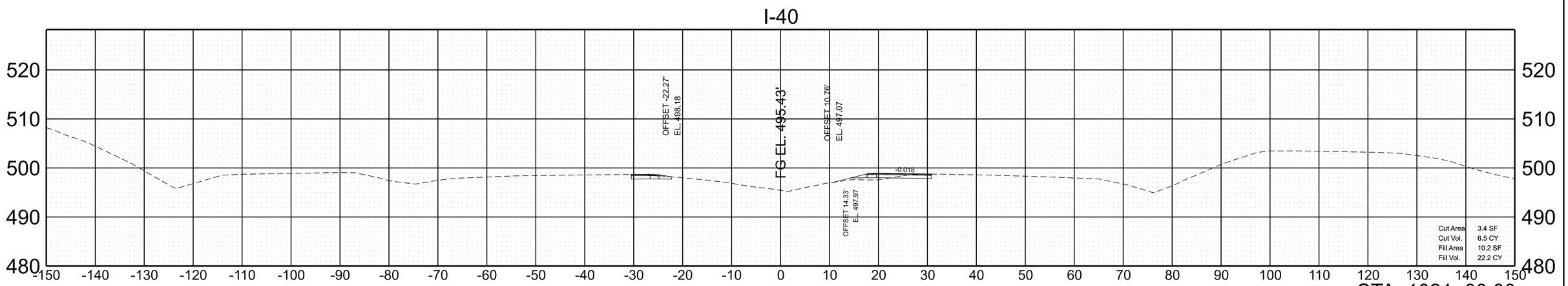
PHASE I

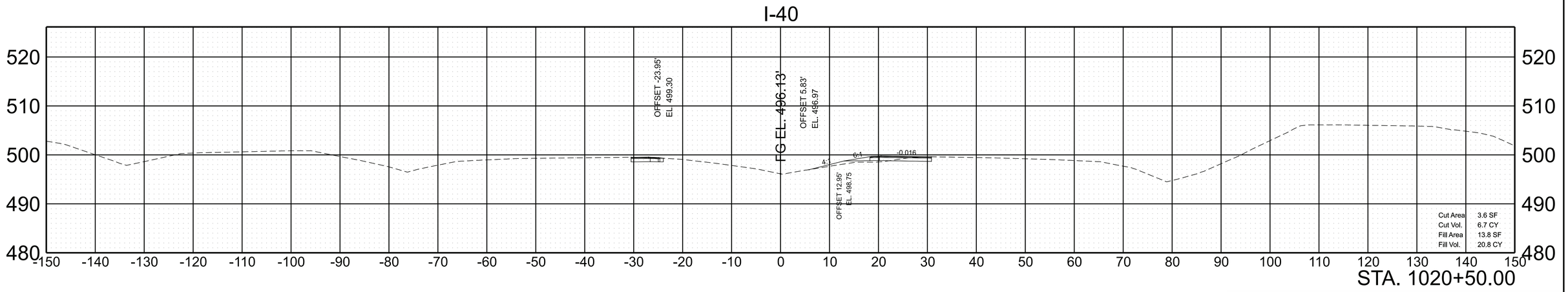
SCALE: 1"=10' HORIZ. 1"=10' VERT.

BEGIN STA. 1019+50.00
END STA. 1020+00.00

2/10/2026 3:58:08 PM
C:\PW_WORKINGITN\PARSONS_P0086066GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T69
PIH	2025	39I040-S3-006	T69
PS&E	2026	39I040-S3-006	T69



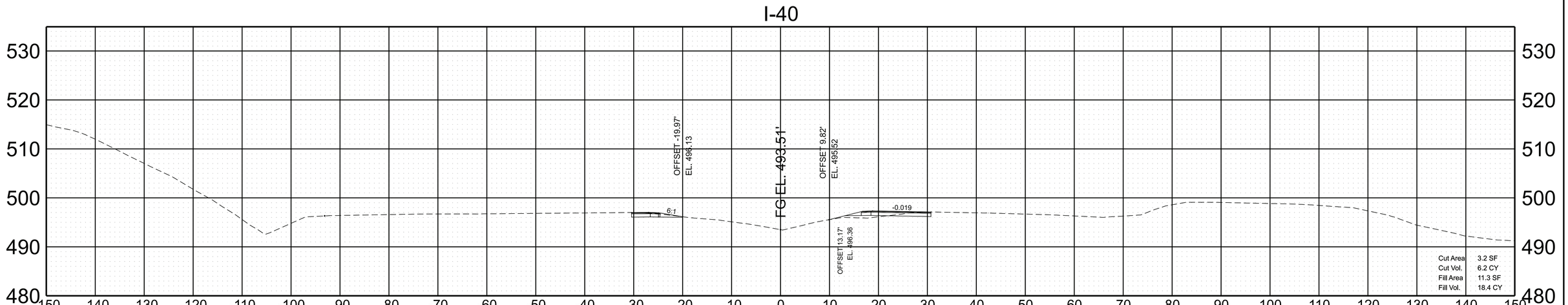


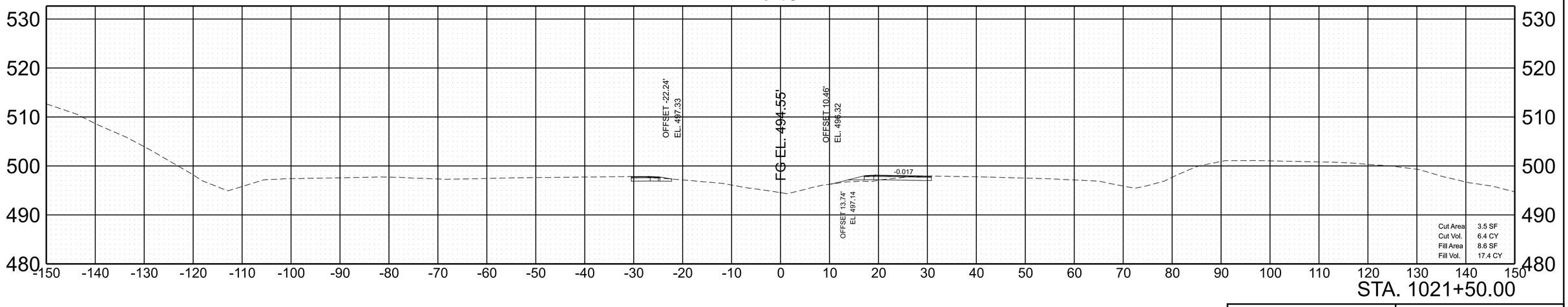
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1020+50.00
	1"=10' VERT.	END STA. 1021+00.00

2/10/2026 3:58:13 PM
C:\PW_WORKING\TNI\PARSONS_P008606GIDMS0579639I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T70
PIH	2025	39I040-S3-006	T70
PS&E	2026	39I040-S3-006	T70





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1021+50.00
	1"=10' VERT.	END STA. 1022+00.00

2/10/2026 3:58:17 PM
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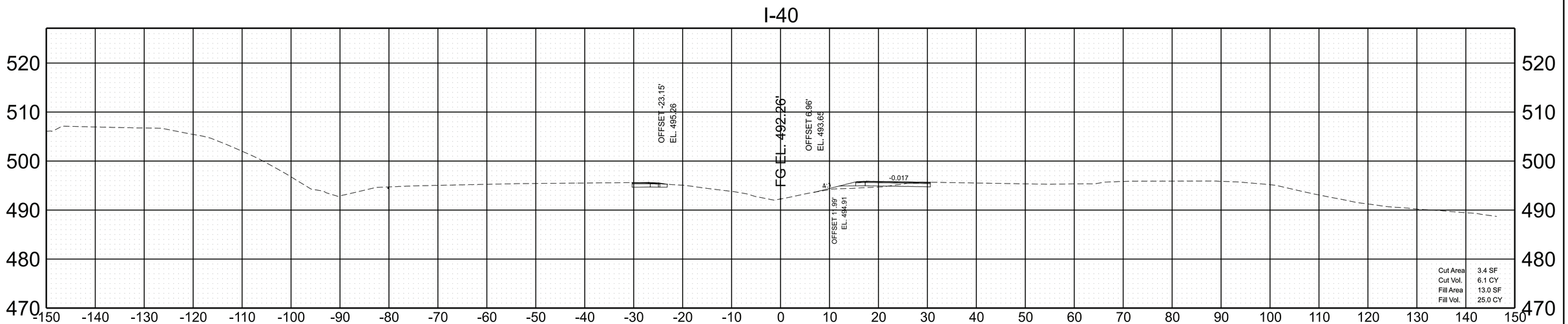
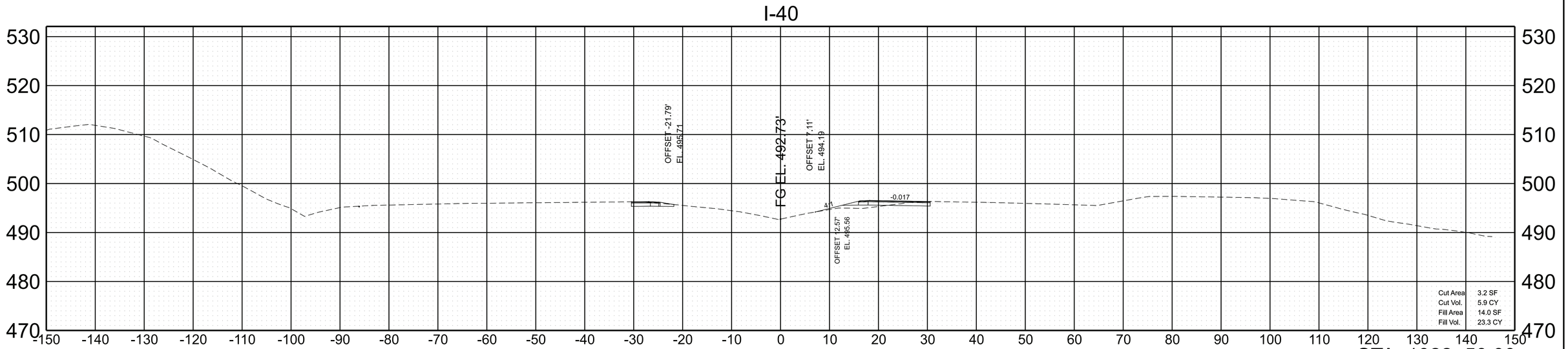
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T71
PIH	2025	39I040-S3-006	T71
PS&E	2026	39I040-S3-006	T71





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1022+50.00
	1"=10' VERT.	END STA. 1023+00.00

2/10/2026 3:58:21 PM
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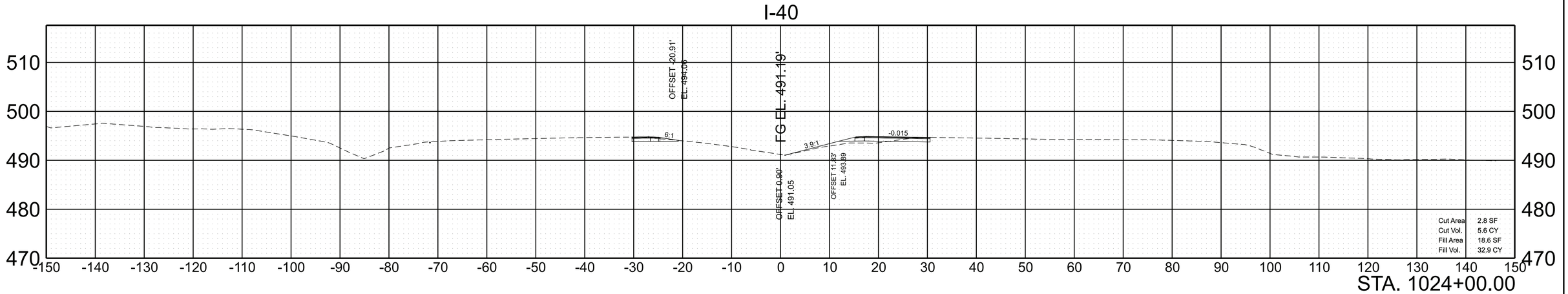
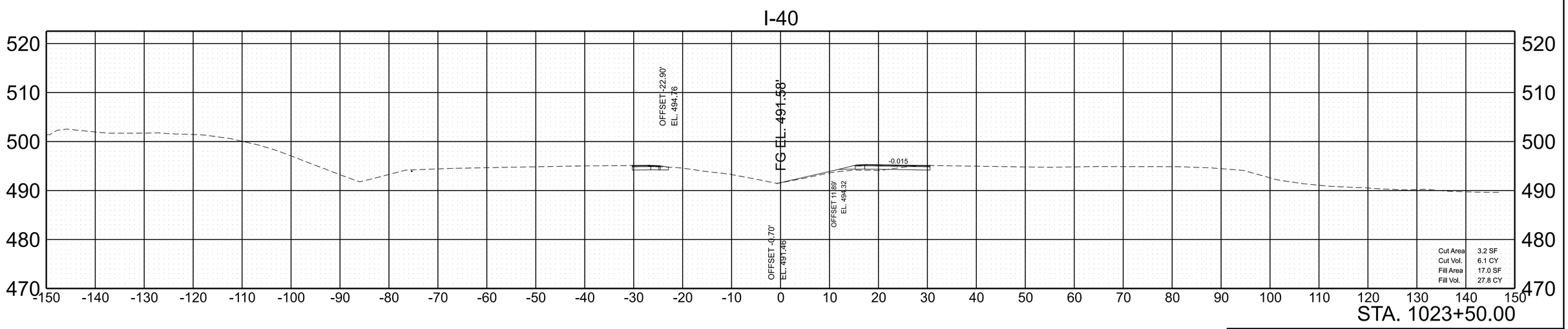
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T72
PIH	2025	39I040-S3-006	T72
PS&E	2026	39I040-S3-006	T72





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1023+50.00
	1"=10' VERT.	END STA. 1024+00.00

2/10/2026 3:58:25 PM
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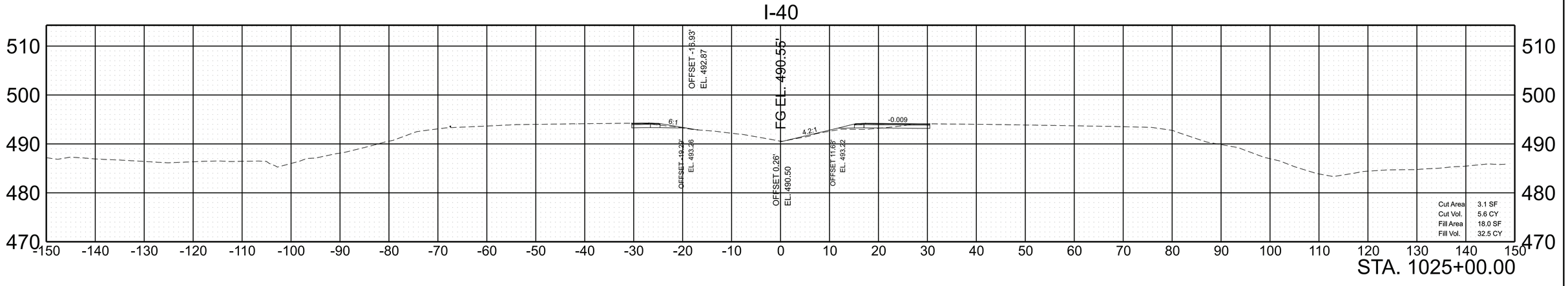
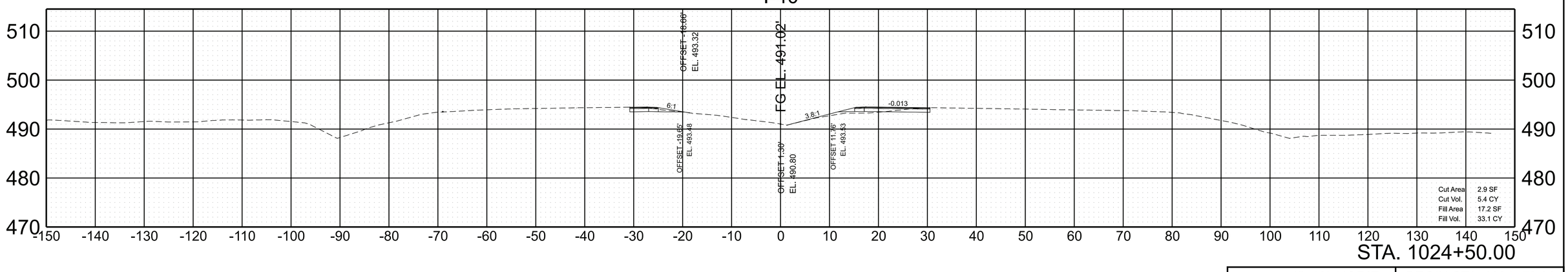
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T73
PIH	2025	39I040-S3-006	T73
PS&E	2026	39I040-S3-006	T73





PHASE I

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 1024+50.00
	1"=10' VERT.	END STA. 1025+00.00

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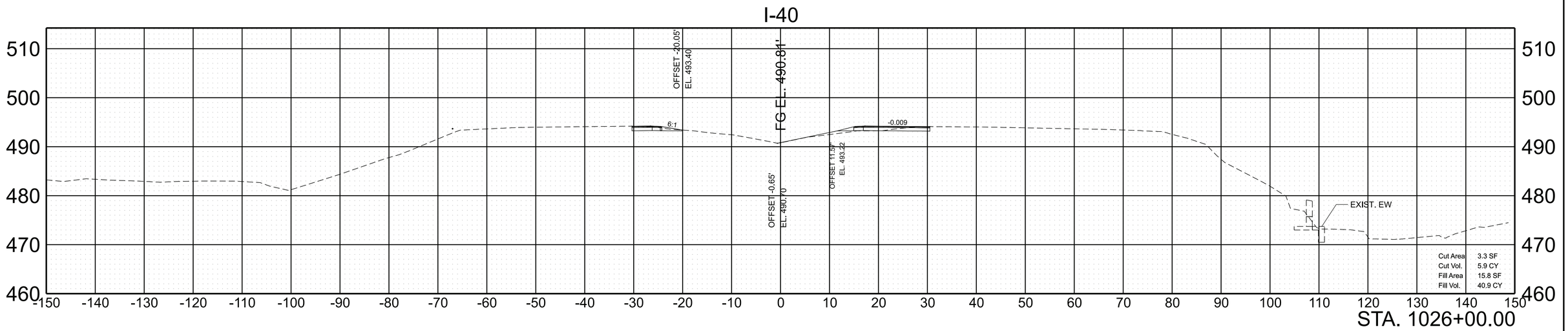
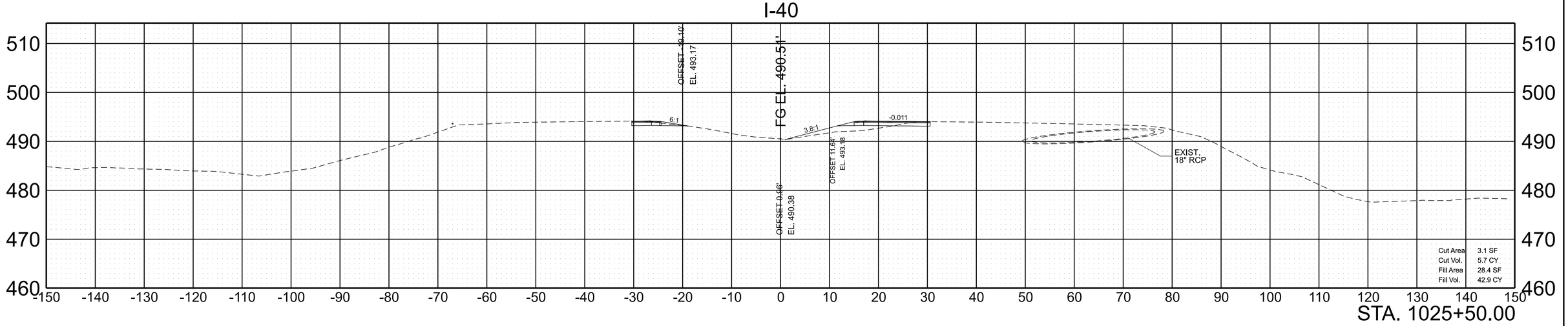
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T74
PIH	2025	39I040-S3-006	T74
PS&E	2026	39I040-S3-006	T74





PHASE I

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 1025+50.00
	1"=10' VERT.	END STA. 1026+00.00

2/10/2026 3:58:33 PM
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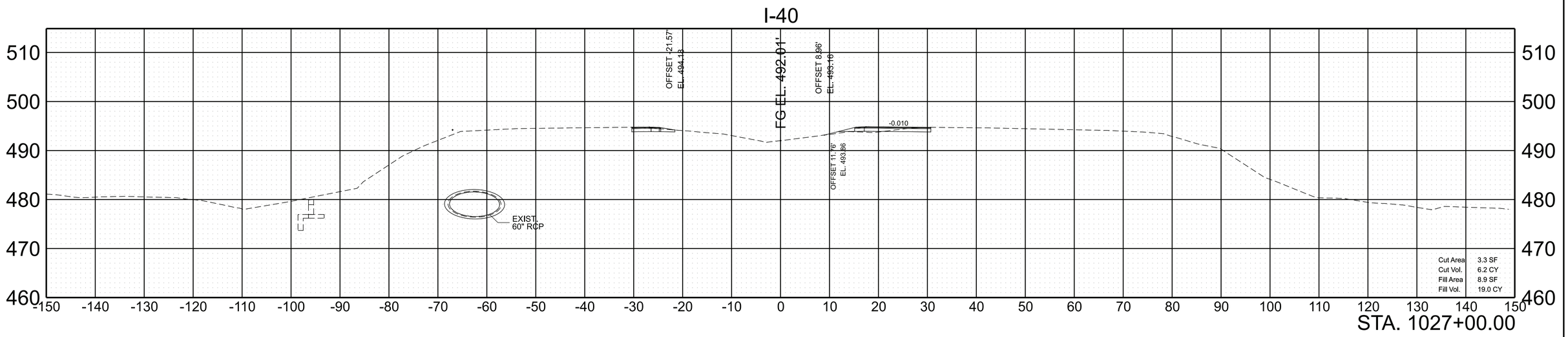
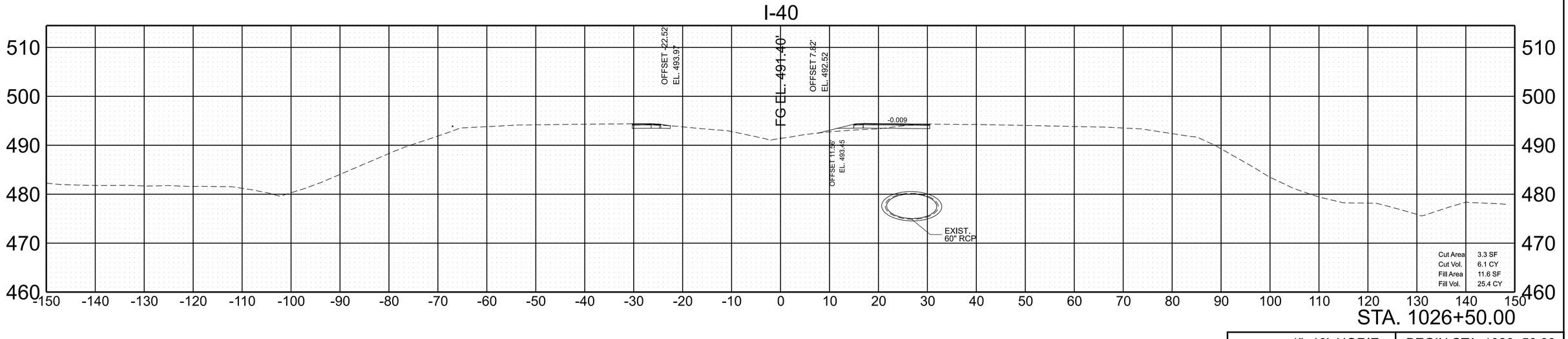
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T75
PIH	2025	39I040-S3-006	T75
PS&E	2026	39I040-S3-006	T75





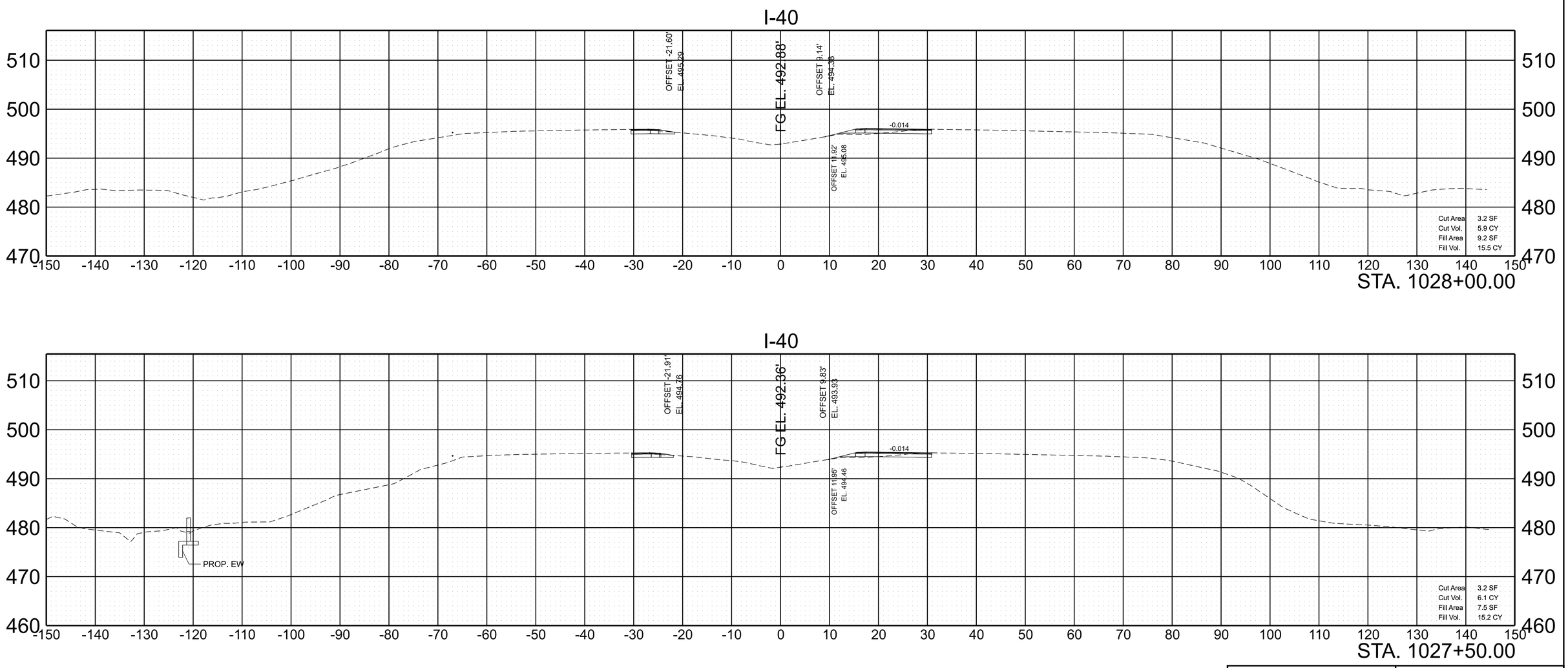
PHASE I

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

BEGIN STA. 1026+50.00
END STA. 1027+00.00

2/10/2026 3:58:37 PM
C:\PW_WORKING\TNPARSONS_P0086066\DMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T76
PIH	2025	39I040-S3-006	T76
PS&E	2026	39I040-S3-006	T76



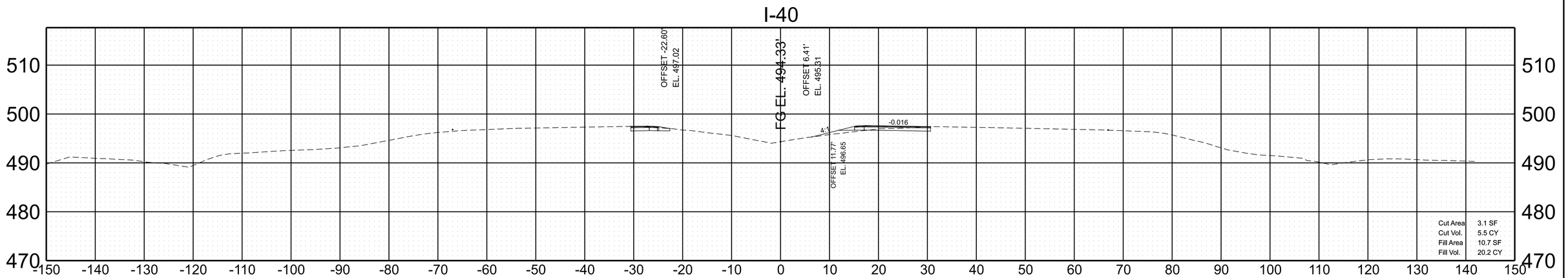
PHASE I

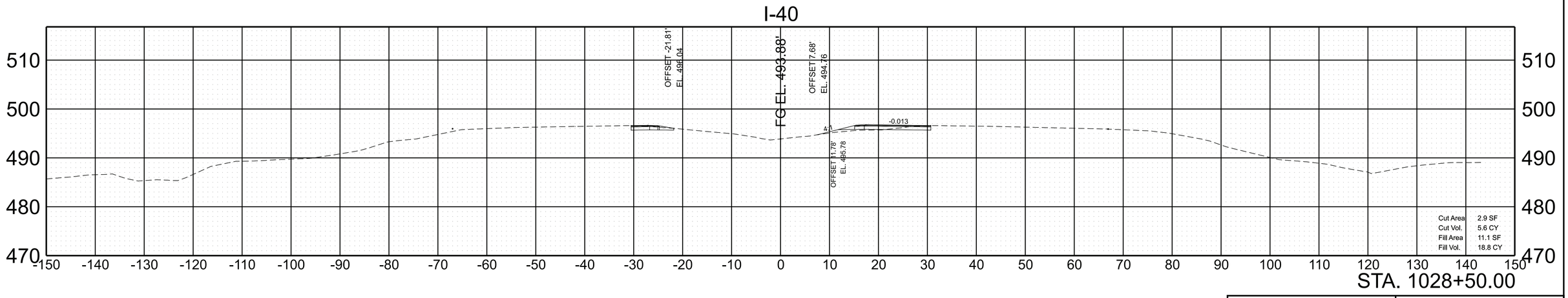
SCALE:		
	1"=10'	HORIZ.
	1"=10'	VERT.

BEGIN STA.	1027+50.00
END STA.	1028+00.00

2/10/2026 3:58:41 PM
C:\PW_WORKING\TNIPARSONS_P008606GIDMSD57961039I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T77
PIH	2025	39I040-S3-006	T77
PS&E	2026	39I040-S3-006	T77



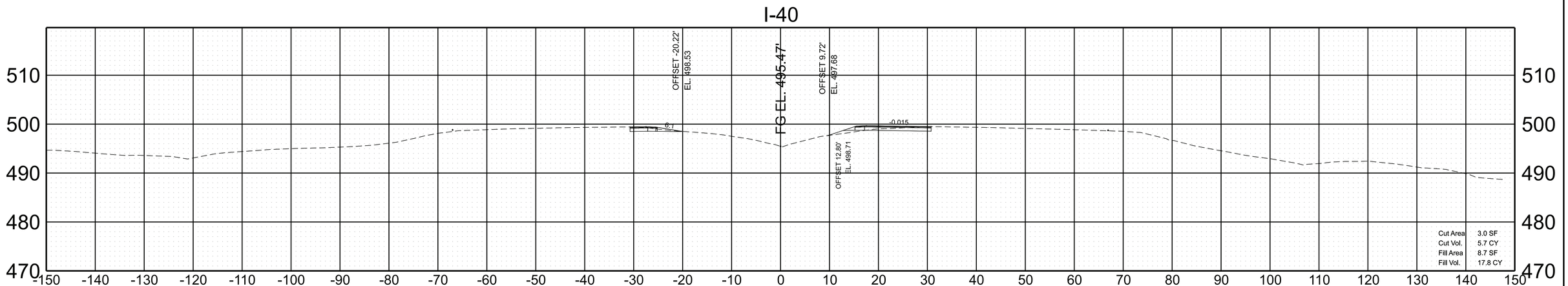


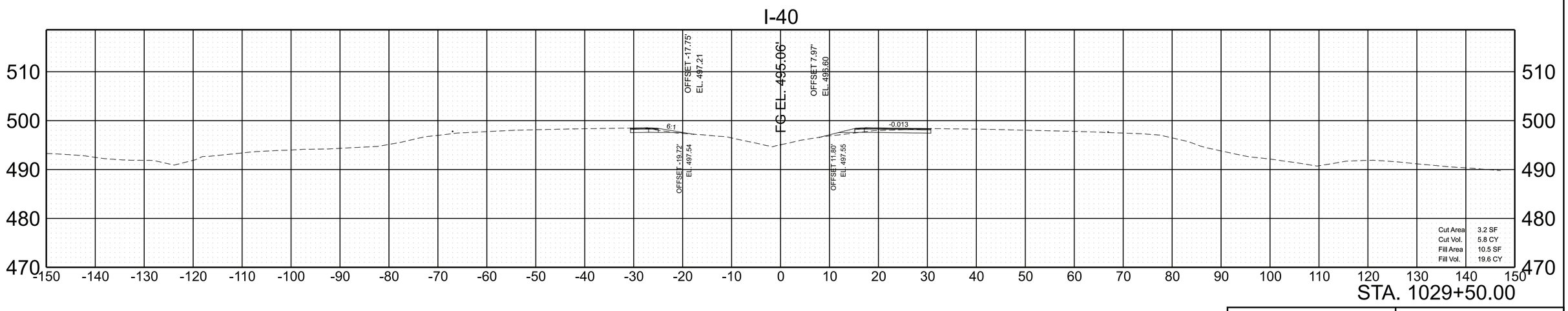
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1028+50.00
	1"=10' VERT.	END STA. 1029+00.00

2/10/2026 3:58:45 PM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T78
PIH	2025	39I040-S3-006	T78
PS&E	2026	39I040-S3-006	T78





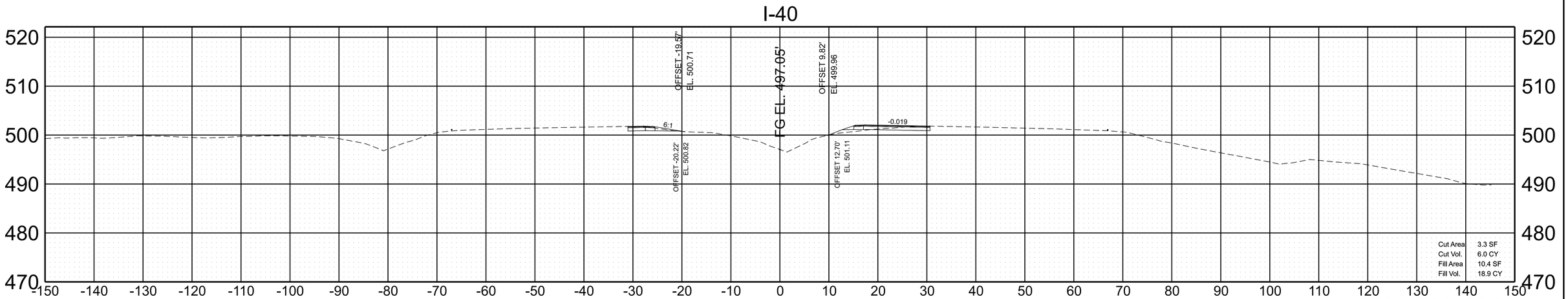
PHASE I

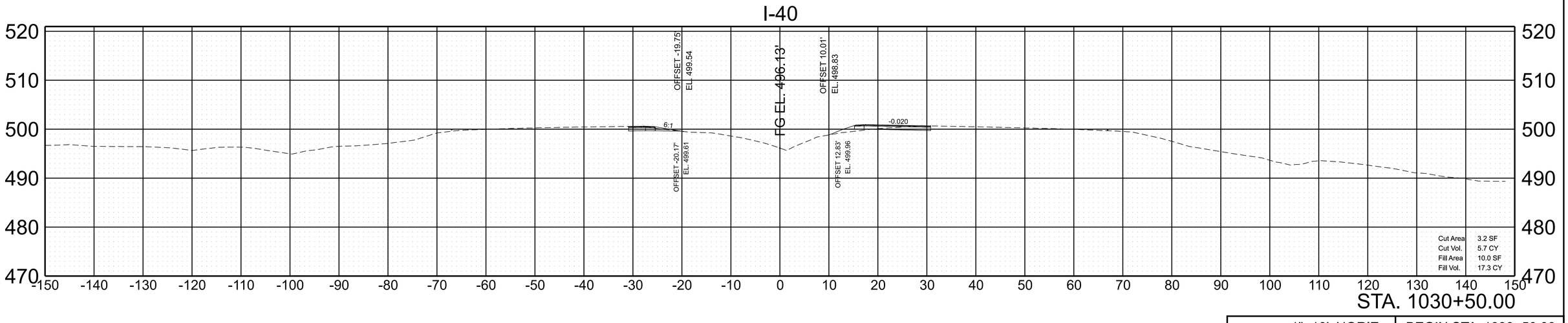
SCALE: 1"=10' HORIZ. 1"=10' VERT.

BEGIN STA. 1029+50.00
END STA. 1030+00.00

2/10/2026 3:58:49 PM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T79
PIH	2025	39I040-S3-006	T79
PS&E	2026	39I040-S3-006	T79





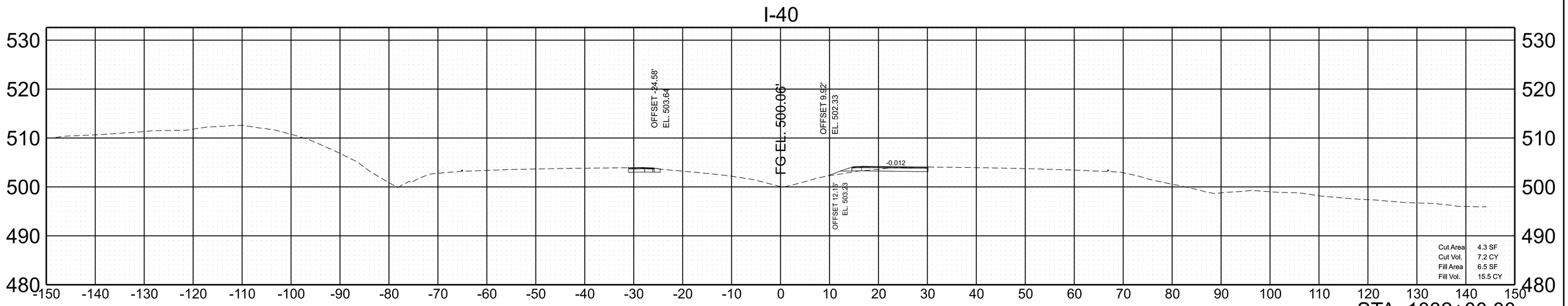
PHASE I

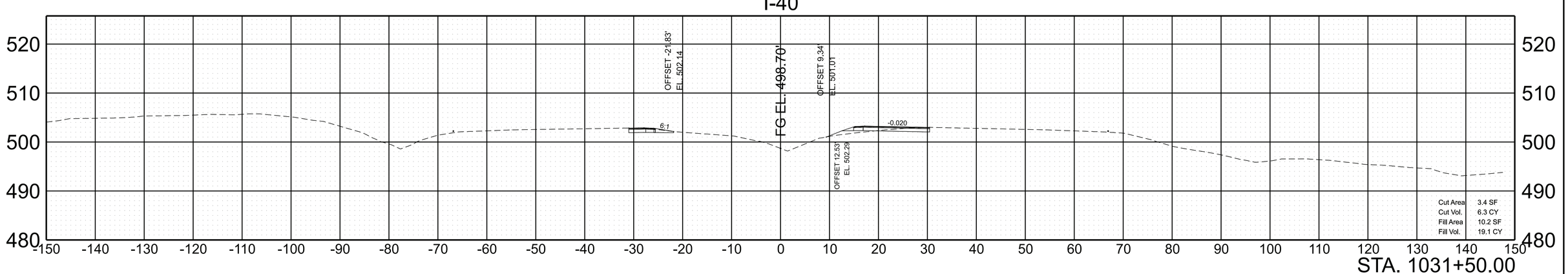
SCALE:		
	1"=10'	HORIZ.
	1"=10'	VERT.

BEGIN STA.	1030+50.00
END STA.	1031+00.00

2/10/2026 3:58:53 PM
C:\PW_WORKING\TNPARSONS_P0086066\DMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T80
PIH	2025	39I040-S3-006	T80
PS&E	2026	39I040-S3-006	T80



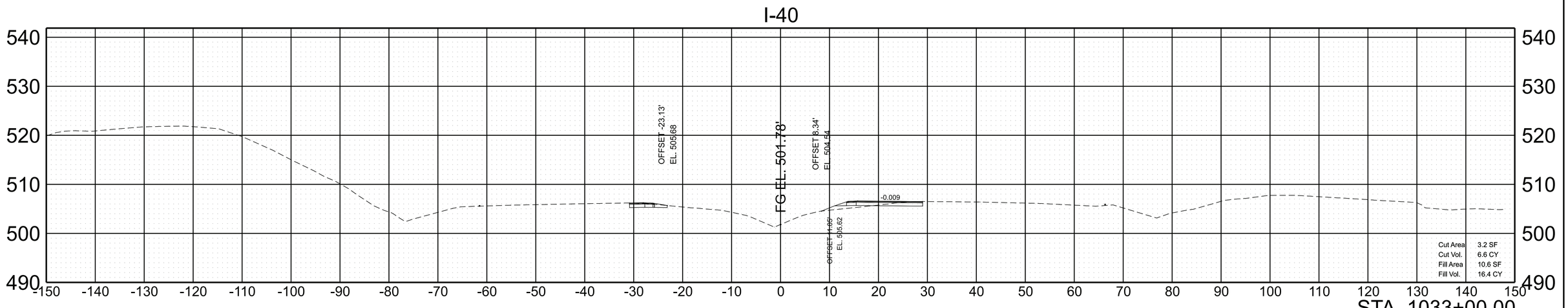


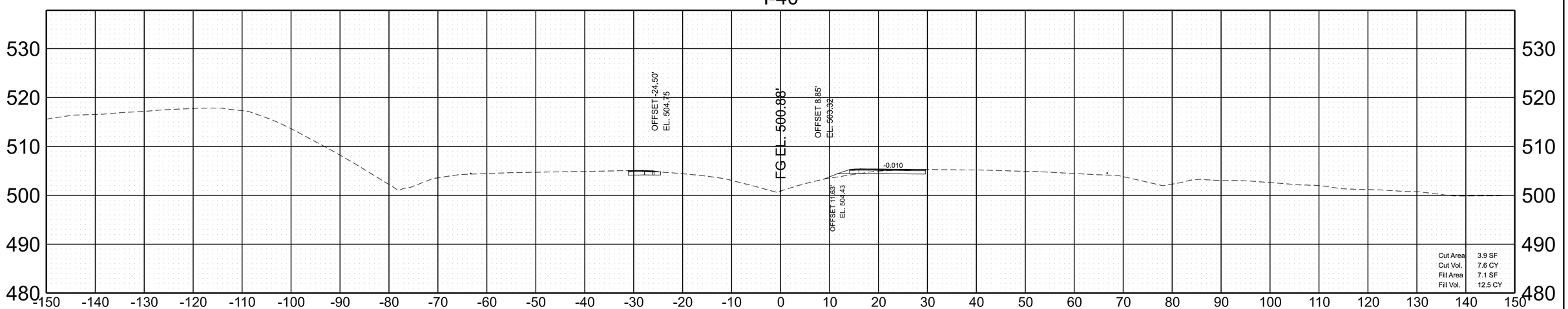
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1031+50.00
	1"=10' VERT.	END STA. 1032+00.00

2/10/2026 3:58:58 PM
C:\PW_WORKING\TNIPARSONS_P0086066IDMS\05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T81
PIH	2025	39I040-S3-006	T81
PS&E	2026	39I040-S3-006	T81





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1032+50.00
	1"=10' VERT.	END STA. 1033+00.00

2/10/2026 3:59:02 PM
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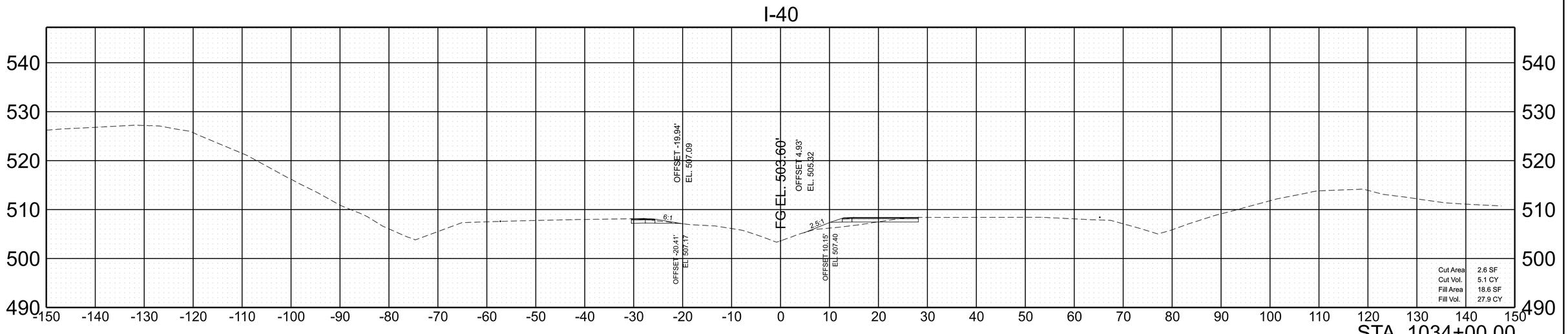
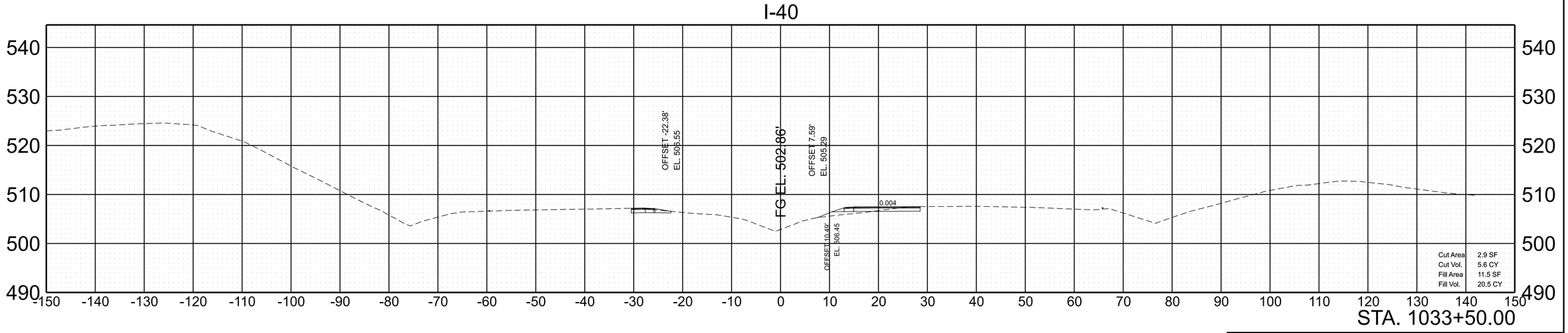
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T82
PIH	2025	39I040-S3-006	T82
PS&E	2026	39I040-S3-006	T82





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1033+50.00
	1"=10' VERT.	END STA. 1034+00.00

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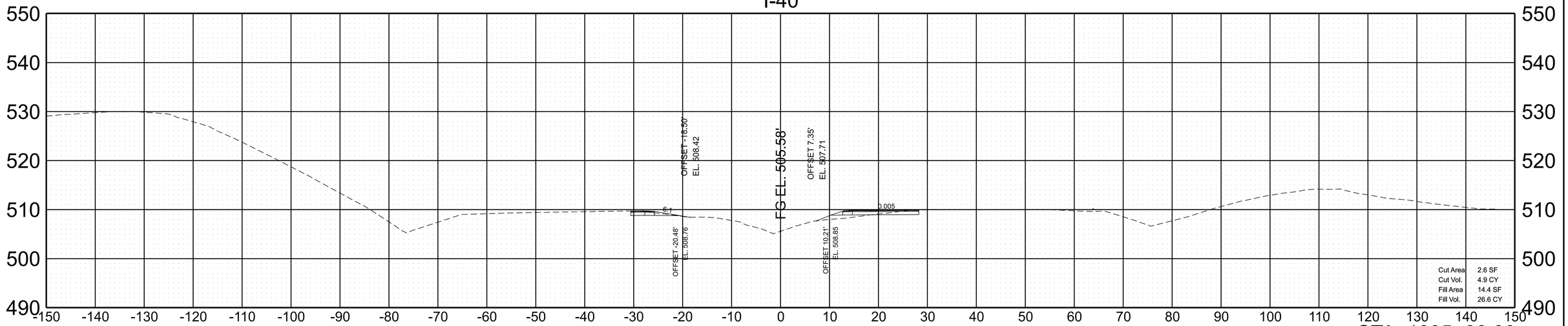
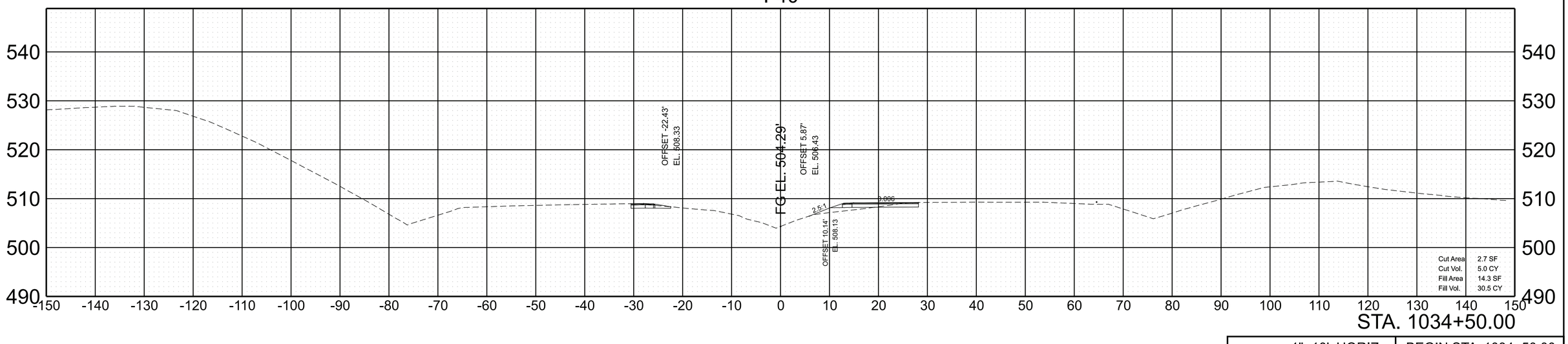
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T83
PIH	2025	39I040-S3-006	T83
PS&E	2026	39I040-S3-006	T83





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1034+50.00
	1"=10' VERT.	END STA. 1035+00.00

2/10/2026 3:59:10 PM
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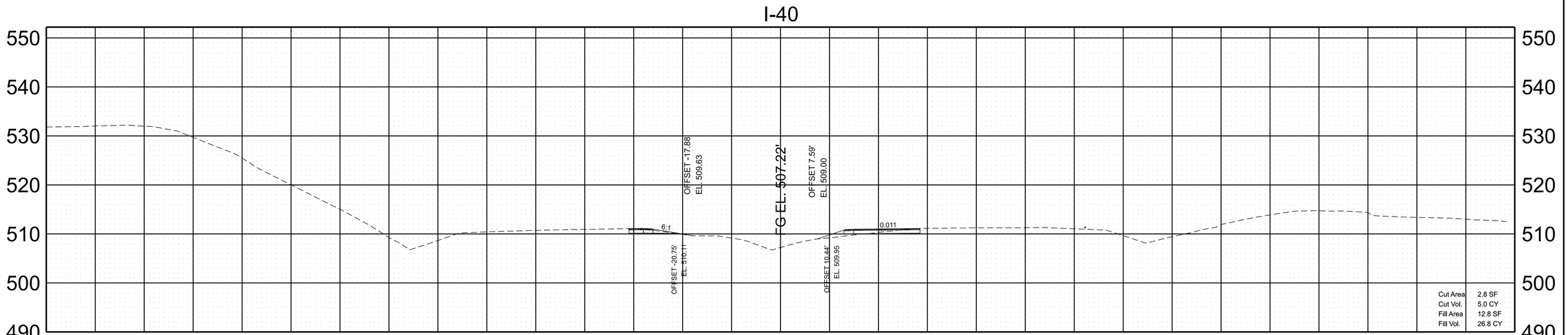
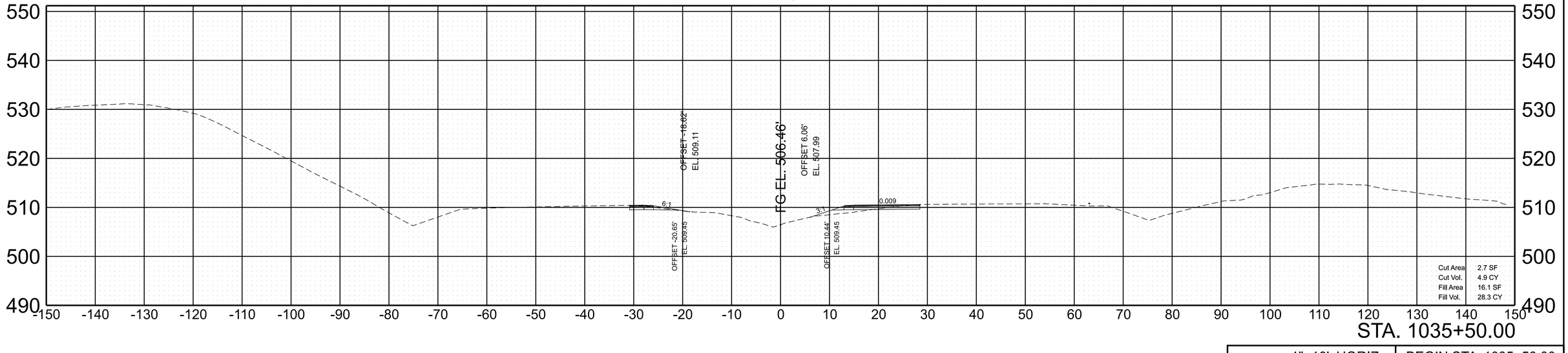
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T84
PIH	2025	39I040-S3-006	T84
PS&E	2026	39I040-S3-006	T84



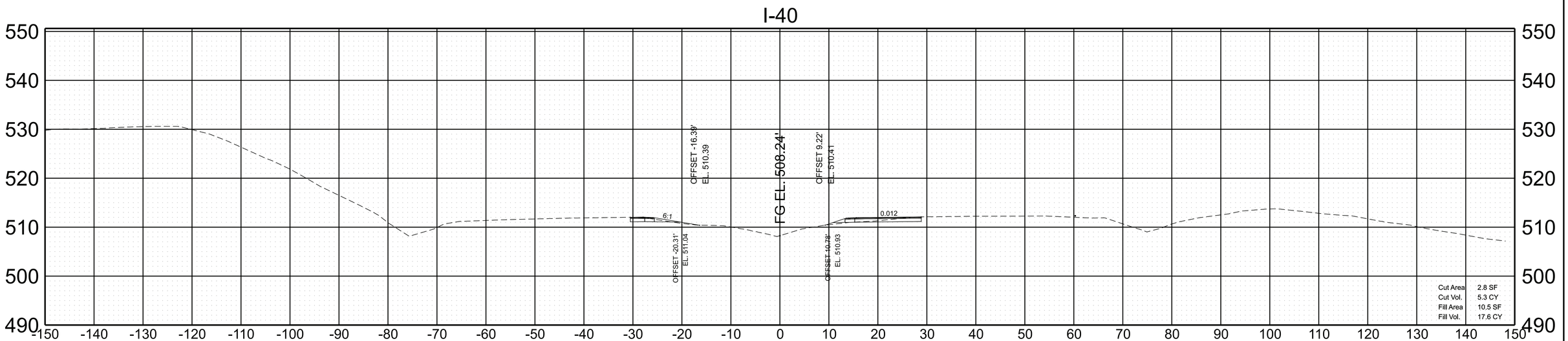


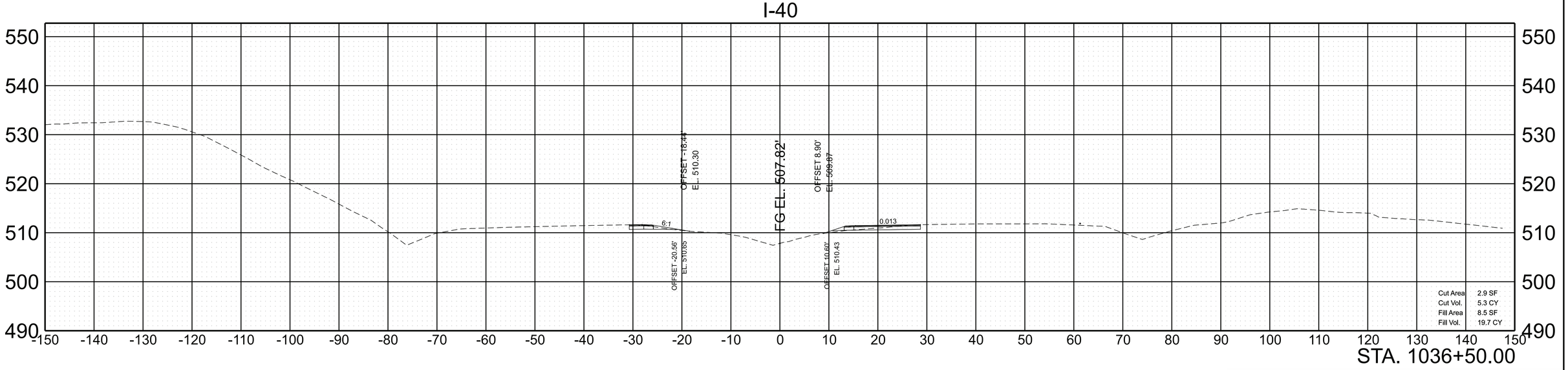
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1035+50.00
	1"=10' VERT.	END STA. 1036+00.00

2/10/2026 3:59:14 PM
C:\PW_WORKINGIT\NPARSONS_P008606GIDMS0579639I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T85
PIH	2025	39I040-S3-006	T85
PS&E	2026	39I040-S3-006	T85





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1036+50.00
	1"=10' VERT.	END STA. 1037+00.00

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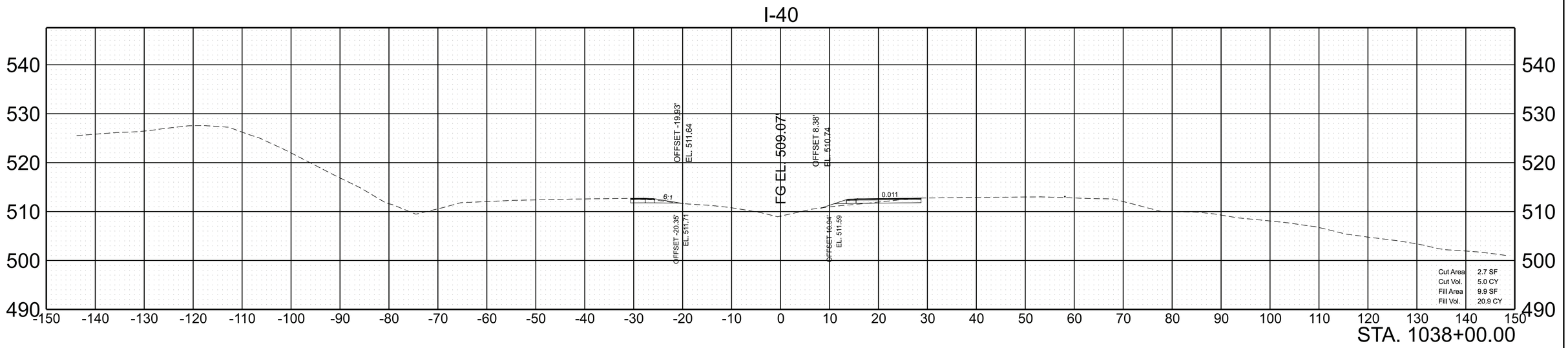
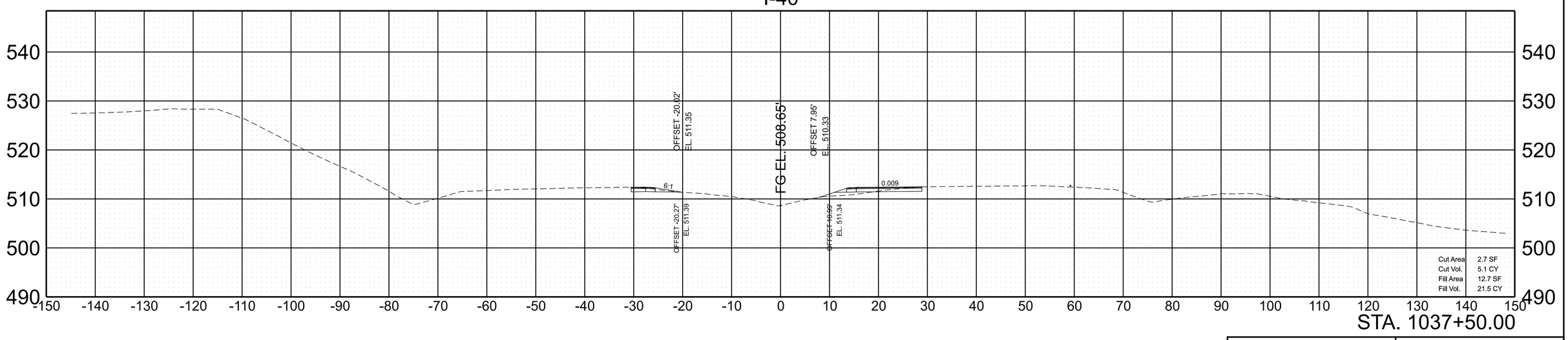
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T86
PIH	2025	39I040-S3-006	T86
PS&E	2026	39I040-S3-006	T86





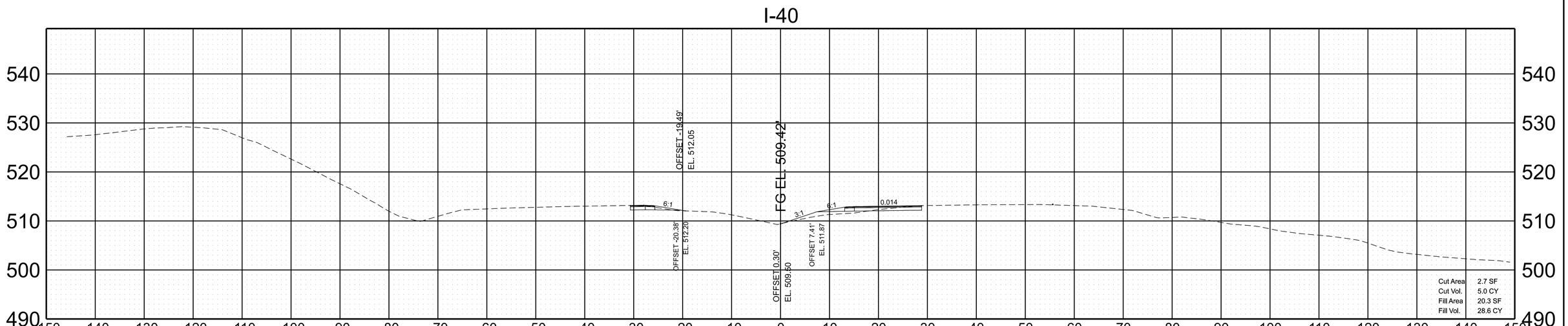
PHASE I

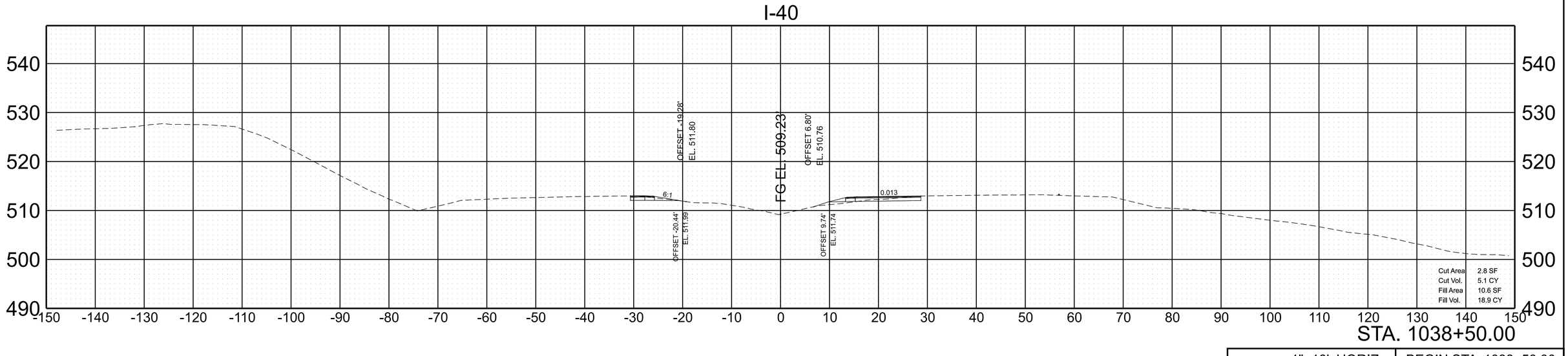
SCALE: 1"=10' HORIZ. 1"=10' VERT.

BEGIN STA. 1037+50.00
END STA. 1038+00.00

2/10/2026 3:59:23 PM
C:\PW_WORKING\TNIPARSONS_P008606GIDMS0579639I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T87
PIH	2025	39I040-S3-006	T87
PS&E	2026	39I040-S3-006	T87



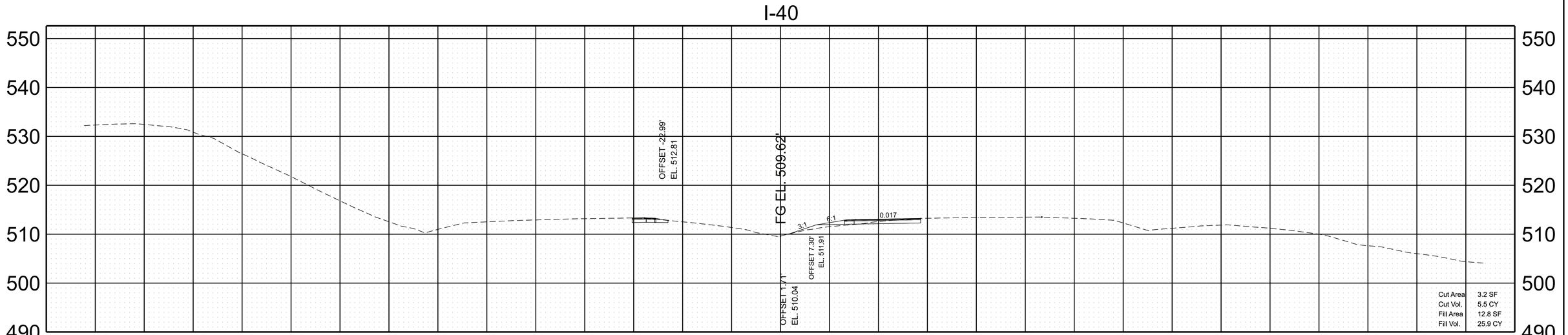


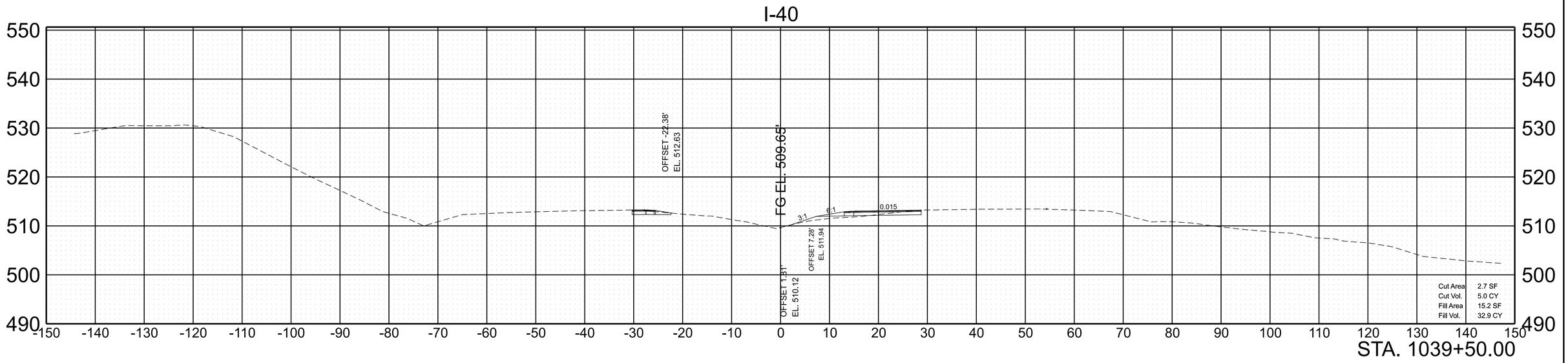
PHASE I

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 1038+50.00
	1"=10' VERT.	END STA. 1039+00.00

2/10/2026 3:59:27 PM
C:\PW_WORKINGIT\NPARSONS_P008606GIDMS0579639I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T88
PIH	2025	39I040-S3-006	T88
PS&E	2026	39I040-S3-006	T88



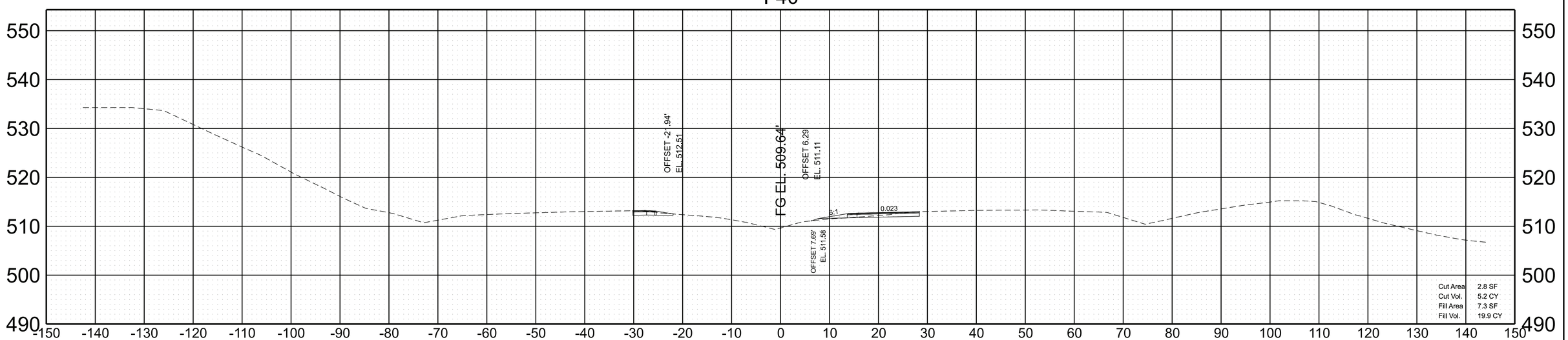


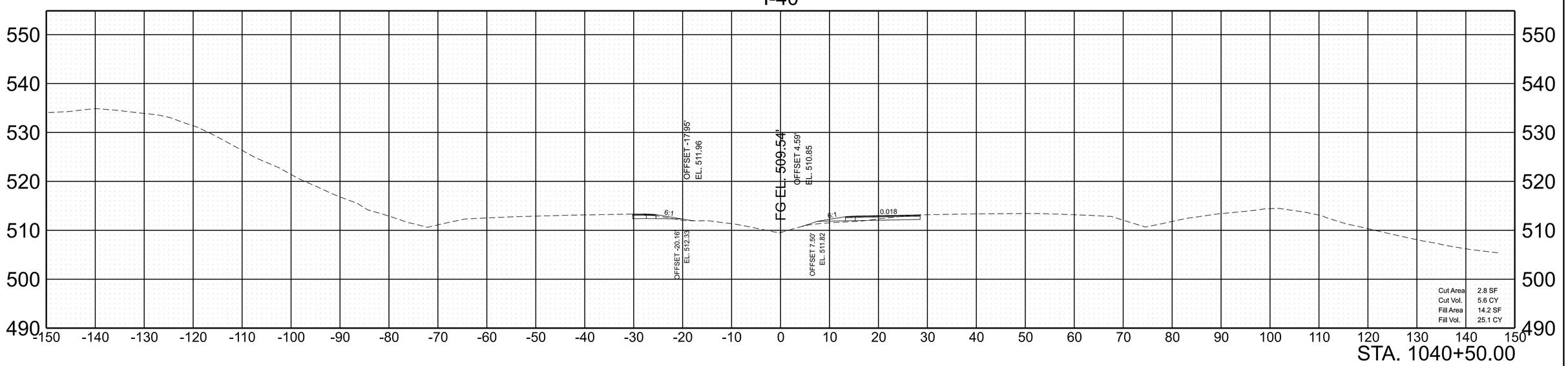
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1039+50.00
	1"=10' VERT.	END STA. 1040+00.00

2/10/2026 3:59:31 PM
C:\PW_WORKINGITN\PARSONS_P0086066\DMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T89
PIH	2025	39I040-S3-006	T89
PS&E	2026	39I040-S3-006	T89





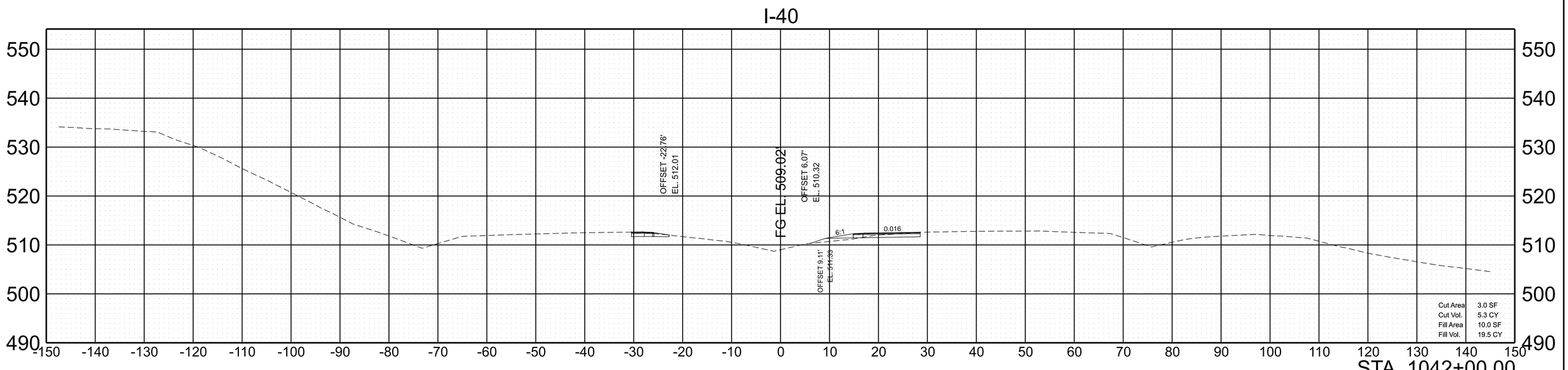
PHASE I

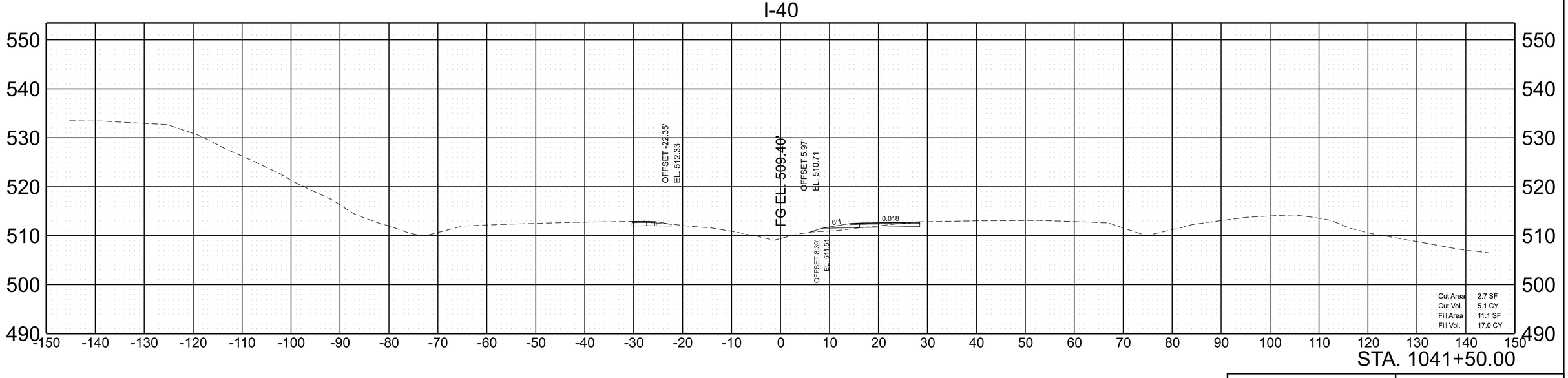
SCALE: 1"=10' HORIZ. 1"=10' VERT.

BEGIN STA. 1040+50.00
END STA. 1041+00.00

2/10/2026 3:59:35 PM
C:\PW_WORKINGTN\PARSONS_P008606GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T90
PIH	2025	39I040-S3-006	T90
PS&E	2026	39I040-S3-006	T90





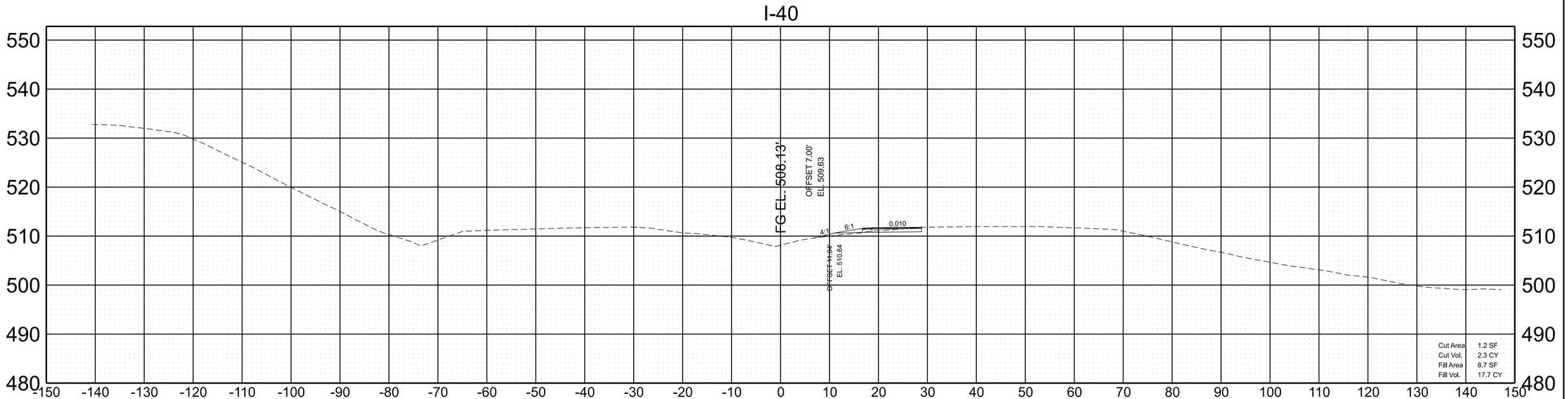
PHASE I

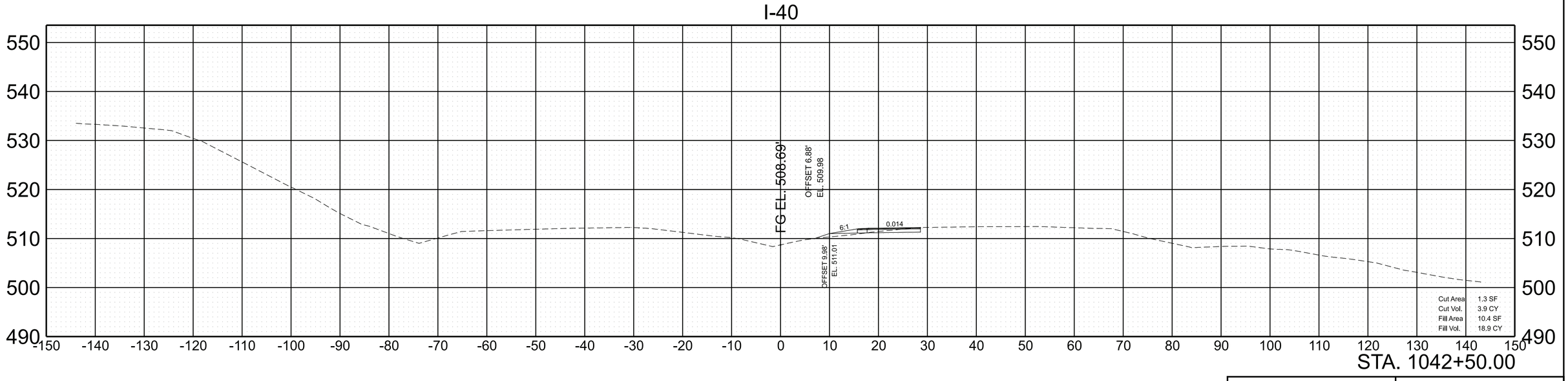
SCALE: 1"=10' HORIZ. 1"=10' VERT.

BEGIN STA. 1041+50.00
END STA. 1042+00.00

2/10/2026 3:59:39 PM
C:\PW_WORKING\TNPARSONS_P0086066\DMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T91
PIH	2025	39I040-S3-006	T91
PS&E	2026	39I040-S3-006	T91





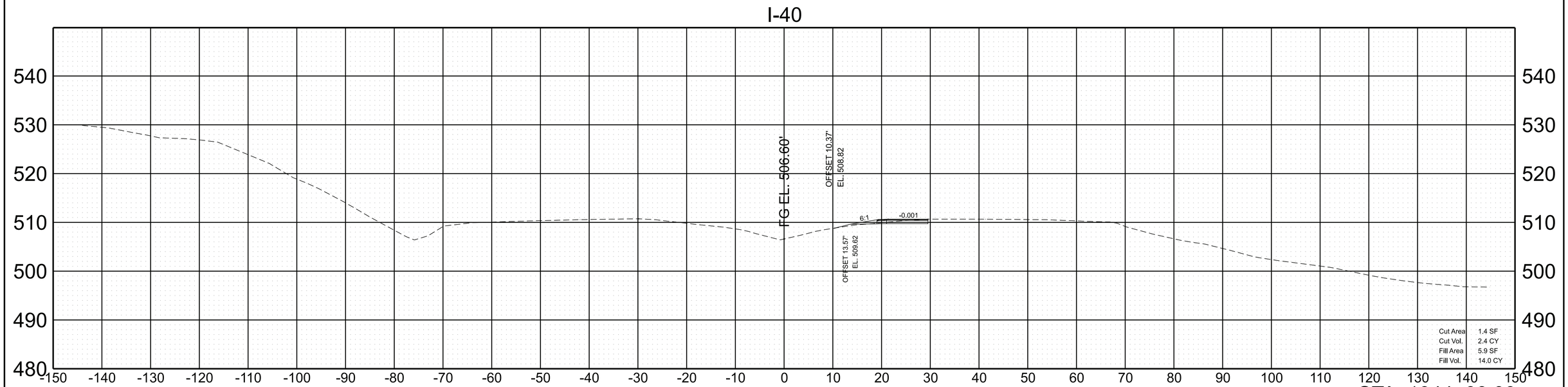
PHASE I

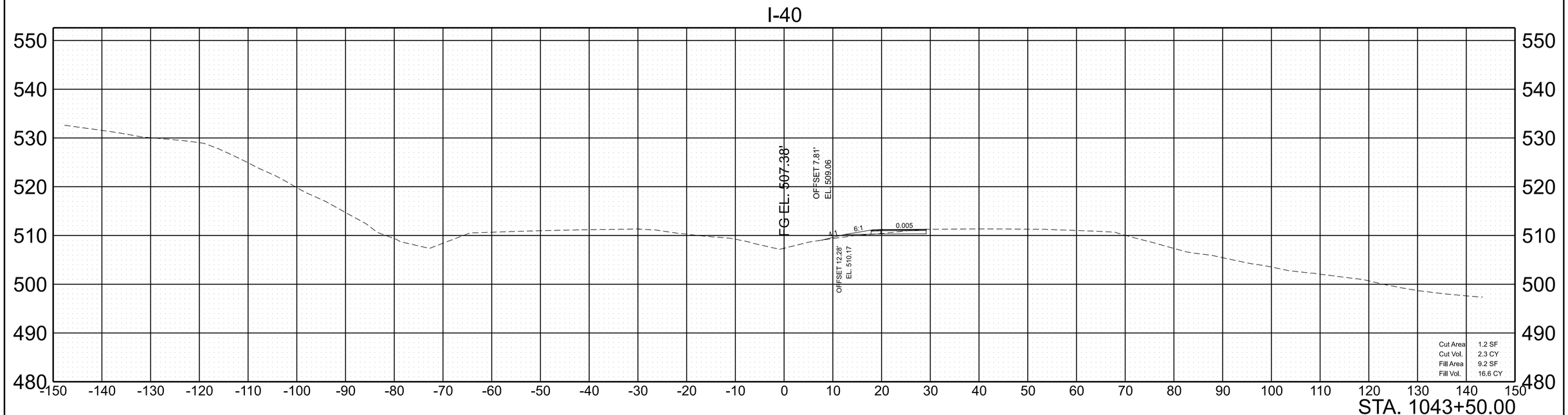
SCALE: 1"=10' HORIZ. 1"=10' VERT.

BEGIN STA. 1042+50.00
END STA. 1043+00.00

2/10/2026 3:59:42 PM
C:\PW_WORKING\TN\PARSONS_P008606GIDMS057963\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T92
PIH	2025	39I040-S3-006	T92
PS&E	2026	39I040-S3-006	T92





PHASE I

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

BEGIN STA. 1043+50.00
END STA. 1044+00.00

2/10/2026 3:59:46 PM
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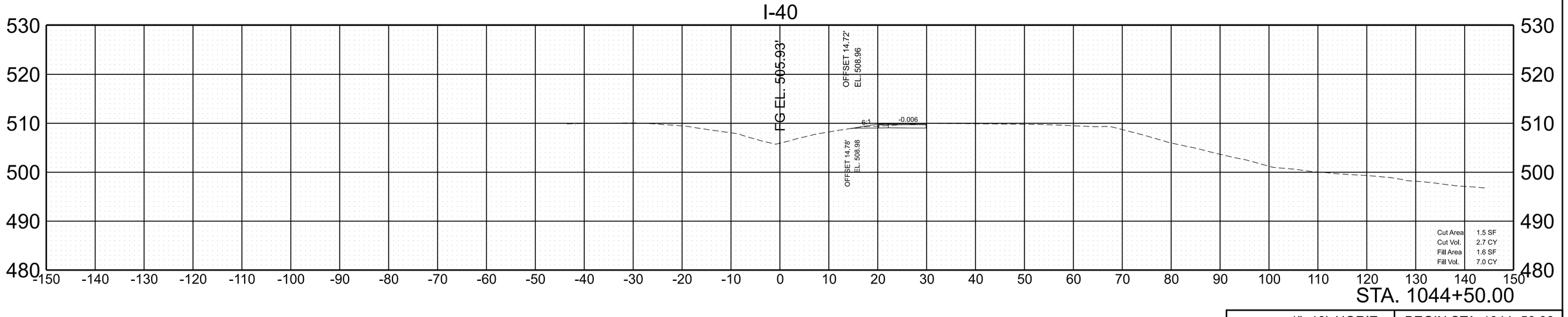
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	T93
PIH	2025	39I040-S3-006	T93
PS&E	2026	39I040-S3-006	T93



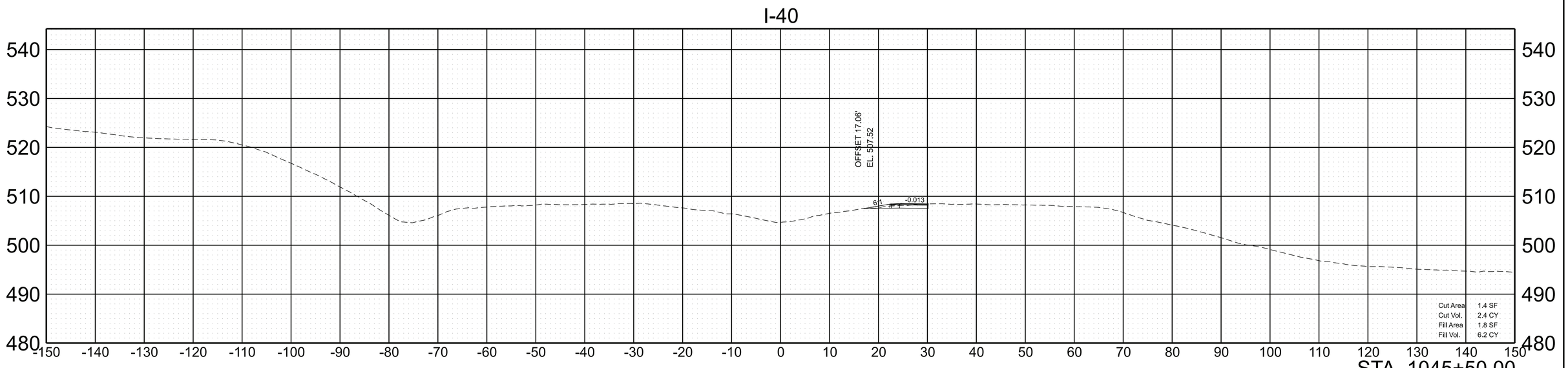
PHASE I

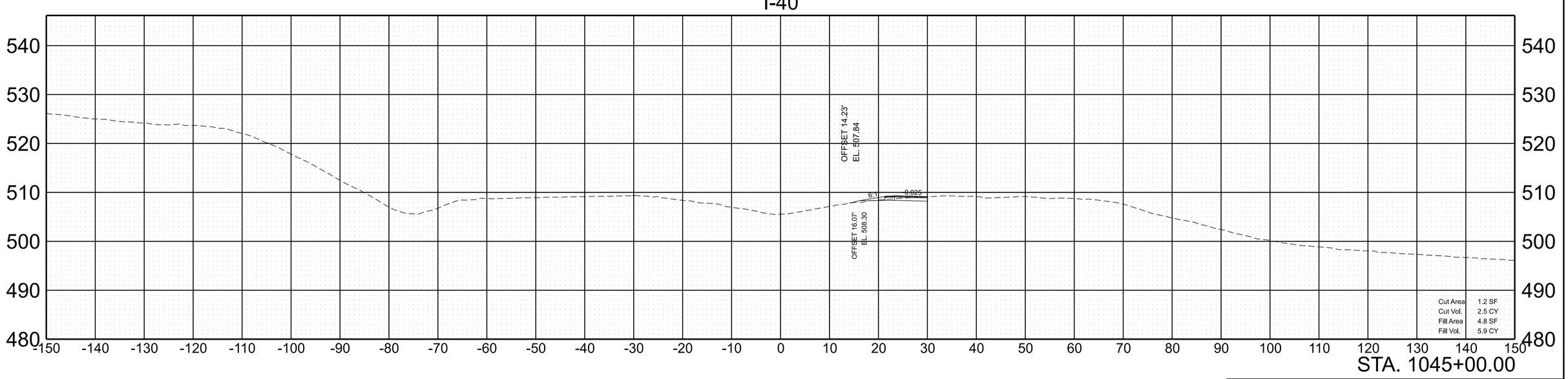
SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 1044+50.00
END STA. 1044+50.00

2/10/2026 3:59:48 PM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	T94
PS&E	2026	39I040-S3-006	T94



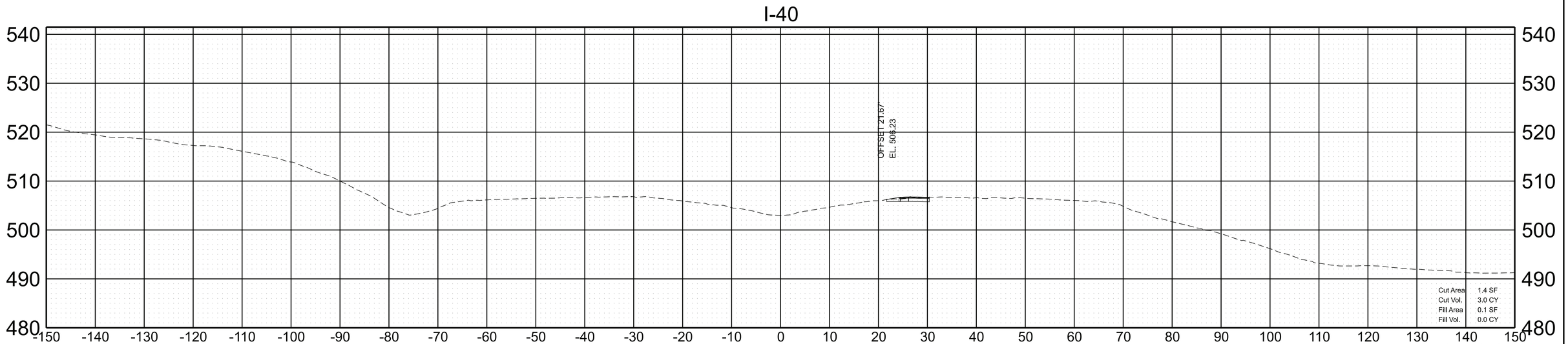


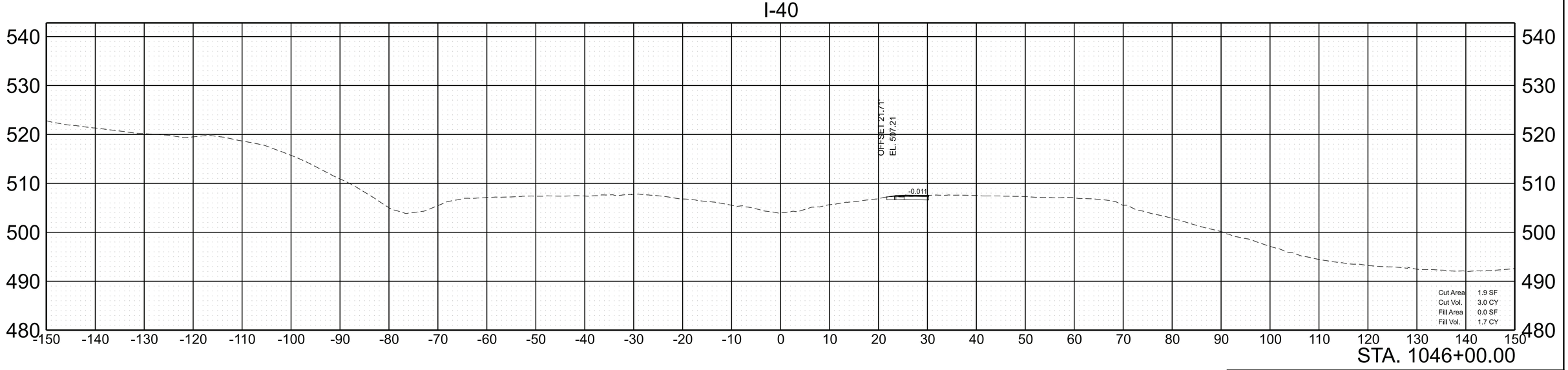
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1045+00.00
	1"=10' VERT.	END STA. 1045+50.00

2/10/2026 3:59:52 PM
C:\PW_WORKING\TNPARSONS_P0086060IDMS05796139I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	T95
PS&E	2026	39I040-S3-006	T95



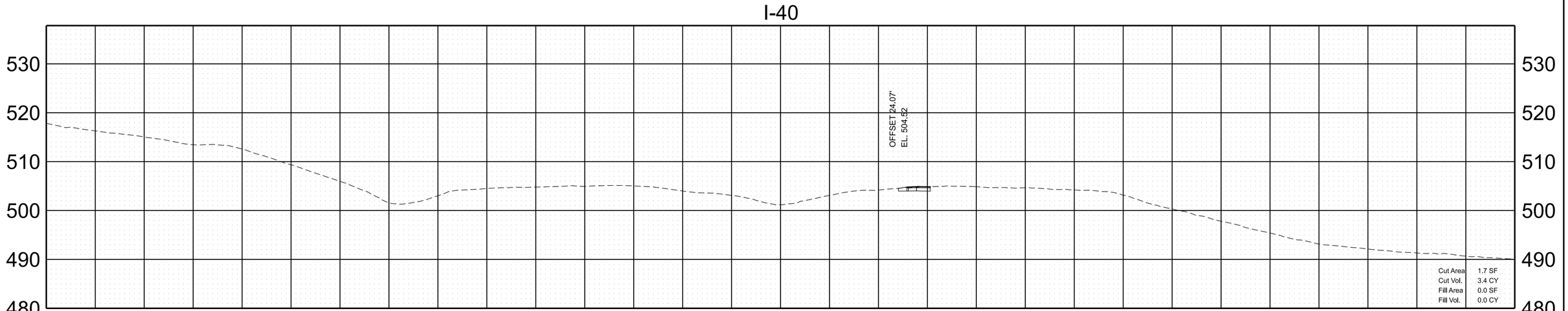


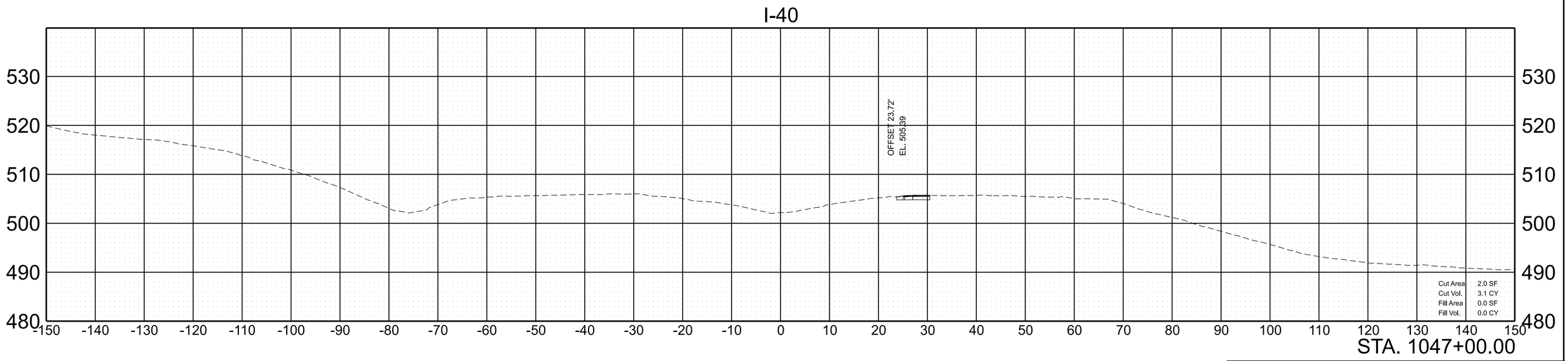
PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1046+00.00
	1"=10' VERT.	END STA. 1046+50.00

2/10/2026 3:59:55 PM
C:\PW_WORKING\TNPARSONS_P008606GIDMS05796\39I040-SHT-XS-MOT MEDIAN PH1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	T96
PS&E	2026	39I040-S3-006	T96





PHASE I

SCALE:	1"=10' HORIZ.	BEGIN STA. 1047+00.00
	1"=10' VERT.	END STA. 1047+50.00

2/10/2026 3:59:58 PM
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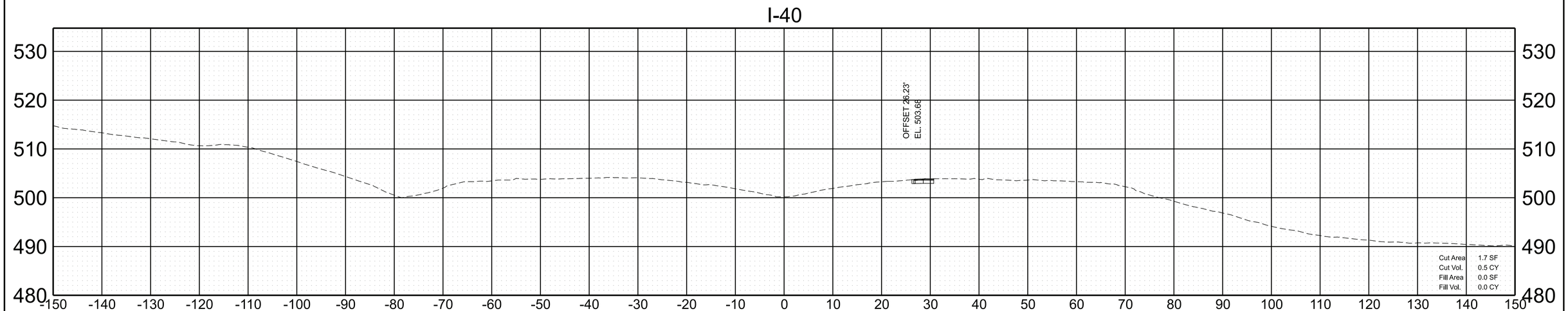
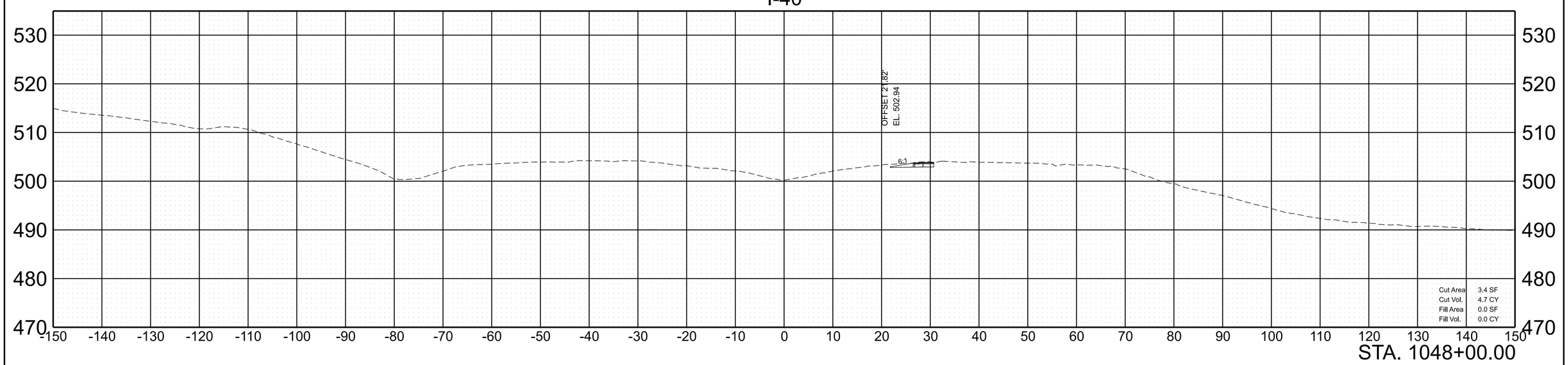
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	39I040-S3-006	T97
PS&E	2026	39I040-S3-006	T97





PHASE I

SCALE:		
	1"=10' HORIZ.	BEGIN STA. 1048+00.00
	1"=10' VERT.	END STA. 1048+04.80

2/10/2026 4:00:03 PM
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THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Ashraf Elsayed

Digitally signed by Ashraf Elsayed
DN: cn=Ashraf Elsayed, c=US, o=Geotechnology, LLC, email=aelsayed@geotechnology.com
Date: 2026.02.25 14:54:01 -06'00'

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

COMPANY NAME UES PROFESSIONAL SOLUTIONS 25, LLC.
ADDRESS 3312 WINBROOK DRIVE
CITY, STATE MEMPHIS, TN 38116

ASHRAF ELSAYED, PhD., BC.GE, P.E., 106527

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET	GEOTECH-SIGN1
GEOTECHNICAL INDEX	G-1
GEOTECHNICAL NOTES & QUANTITIES	G-2
GEOTECHNICAL ALIGNMENT	G-3
GEOTECHNICAL BORING LAYOUT & PROFILE: I-40 BOP TO STA. 998+00.00	G-4 – G-5
GEOTECHNICAL BORING LAYOUT & PROFILE: I-40 STA. 1034+00.00 TO STA. 1047+00.00	G-6 – G-7
GEOTECHNICAL BORING LAYOUT: E.B. ENTRANCE RAMP STA 300+00.00 TO STA. 325+80.75	G-8 – G-10
GEOTECHNICAL BORING PROFILE: E.B. ENTRANCE RAMP STA. 300+00.00 TO STA. 312+00.00	G-11
GEOTECHNICAL BORING PROFILE: E.B. ENTRANCE RAMP STA. 308+00.00 TO STA. 320+00.00	G-12
GEOTECHNICAL BORING PROFILE: E.B. ENTRANCE RAMP STA. 320+00.00 TO STA. 325+80.75	G-13
GEOTECHNICAL BORING LAYOUT: E.B. EXIT RAMP STA. 402+50.00 TO STA. 419+43.00	G-14 – G-15
GEOTECHNICAL BORING PROFILE: E.B. EXIT RAMP STA. 400+00.00 TO STA. 409+00.00	G-16
GEOTECHNICAL BORING PROFILE: E.B. EXIT RAMP STA. 409+00.00 TO STA 419+43.23	G-17
GEOTECHNICAL BORING LAYOUT: W.B. ENTRANCE RAMP STA. 100+00.00 TO STA 125+00.00	G-18 – G-20
GEOTECHNICAL BORING PROFILE: W.B. ENTRANCE RAMP STA. 100+00.00 TO STA 112+00.00	G-21
GEOTECHNICAL BORING PROFILE: W.B. ENTRANCE RAMP STA. 107+00.00 TO STA 119+00.00	G-22
GEOTECHNICAL BORING PROFILE: W.B. ENTRANCE RAMP STA. 119+00.00 TO STA 125+00.00	G-23
GEOTECHNICAL BORING LAYOUT: W.B. EXIT RAMP STA. 200+00.00 TO STA 221+00.00	G-24 – G-25
GEOTECHNICAL BORING PROFILE: W.B. EXIT RAMP STA. 200+00.00 TO STA 209+00.00	G-26
GEOTECHNICAL BORING PROFILE: W.B. EXIT RAMP STA. 209+00.00 TO STA 221+00.00	G-27
GEOTECHNICAL TYPICAL SECTION STA. 203+50.00	G-28
HIGHMAST LIGHT TOWER SOIL PARAMETER TABLES	G-29 – G-30

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	GEOTECH-SIGN1
PIH	2025	39I040-S2-006	GEOTECH-SIGN1
PS&E	2026	39I040-S3-006	GEOTECH-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-1
PIH	2025	39I040-S2-006	G-1
PS&E	2026	39I040-S3-006	G-1

GEOTECHNICAL INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET	GEOTECH-SIGN1
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GEOTECHNICAL BORING LAYOUT & PROFILE: I-40 STA. 1034+00.00 TO STA. 1047+00.00	G-6 – G-7
GEOTECHNICAL BORING LAYOUT: E.B. ENTRANCE RAMP STA 300+00.00 TO STA. 325+80.75	G-8 – G-10
GEOTECHNICAL BORING PROFILE: E.B. ENTRANCE RAMP STA. 300+00.00 TO STA. 312+00.00	G-11
GEOTECHNICAL BORING PROFILE: E.B. ENTRANCE RAMP STA. 308+00.00 TO STA. 320+00.00	G-12
GEOTECHNICAL BORING PROFILE: E.B. ENTRANCE RAMP STA. 320+00.00 TO STA. 325+80.75	G-13
GEOTECHNICAL BORING LAYOUT: E.B. EXIT RAMP STA. 402+50.00 TO STA. 419+43.00	G-14 – G-15
GEOTECHNICAL BORING PROFILE: E.B. EXIT RAMP STA. 400+00.00 TO STA. 409+00.00	G-16
GEOTECHNICAL BORING PROFILE: E.B. EXIT RAMP STA. 409+00.00 TO STA 419+43.23	G-17
GEOTECHNICAL BORING LAYOUT: W.B. ENTRANCE RAMP STA. 100+00.00 TO STA 125+00.00	G-18 – G-20
GEOTECHNICAL BORING PROFILE: W.B. ENTRANCE RAMP STA. 100+00.00 TO STA 112+00.00	G-21
GEOTECHNICAL BORING PROFILE: W.B. ENTRANCE RAMP STA. 107+00.00 TO STA 119+00.00	G-22
GEOTECHNICAL BORING PROFILE: W.B. ENTRANCE RAMP STA. 119+00.00 TO STA 125+00.00	G-23
GEOTECHNICAL BORING LAYOUT: W.B. EXIT RAMP STA. 200+00.00 TO STA 221+00.00	G-24 – G-25
GEOTECHNICAL BORING PROFILE: W.B. EXIT RAMP STA. 200+00.00 TO STA 209+00.00	G-26
GEOTECHNICAL BORING PROFILE: W.B. EXIT RAMP STA. 209+00.00 TO STA 221+00.00	G-27
GEOTECHNICAL TYPICAL SECTION STA. 203+50.00	G-28
HIGHMAST LIGHT TOWER SOIL PARAMETER TABLES	G-29 – G-30

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL INDEX

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-2
PIH	2025	39I040-S2-006	G-2
PS&E	2026	39I040-S3-006	G-2

DEFINITION OF EARTHWORK TERMS

THE TERMS AND DEFINITIONS BELOW CHARACTERIZE THE MATERIAL TYPE THAT WILL BE ENCOUNTERED DURING EXCAVATION AND GRADING. SEE THE MATERIAL REFERENCE IN TYPICAL SECTIONS LEGEND.

A. SOIL MATERIAL
SOIL MATERIAL THAT IS PREDOMINANTLY MADE UP OF NATURALLY OCCURING MINERAL PARTICLES WHICH ARE FAIRLY READILY SEPARATED INTO RELATIVELY SMALL PIECES, AND IN WHICH THE MASS MAY CONTAIN AIR, WATER OR ORGANIC MATERIALS. THIS MATERIAL MAY CONTAIN ROCK PIECES IN THE FORM OF DISCONNECTED SLABS, LENSES, OR BOULDERS OF LESS THAN APPROXIMATELY 0.5 CUBIC YARDS. THE MAIN SOIL GROUPS CONSIST OF CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS (LESS THAN 0.5 CUBIC YARD VOLUME) OR A COMBINATION OF ANY OF THE CONSTITUENTS. FOR CONSTRUCTION PURPOSES, THIS MATERIAL WOULD TYPICALLY BE CONSIDERED TO BE EXCAVATABLE BY CONVENTIONAL EXCAVATION MACHINERY SUCH AS PANS, TRACK HOES, OR FRONT END EXCAVATORS/LOADERS.

B. SOLID ROCK MATERIAL
SOLID ROCK MATERIAL IS THAT NATURALLY OCCURING MATERIAL COMPOSED OF MINERAL PARTICLES SO FIRMLY BONDED TOGETHER THAT RELATIVELY GREAT EFFORT IS REQUIRED TO SEPARATE THE PARTICLES (I.E. BLASTING OR HEAVY CRUSHING FORCES). FOR CONSTRUCTION PURPOSES, THIS MATERIAL WOULD TYPICALLY HAVE TO BE BLASTED TO SEPARATE INTO PIECES SMALL ENOUGH TO LOAD AND TRANSPORT ON EARTH MOVING TRUCKS AND WHICH WHEN SUBJECTED TO PROPER PRE-SPLIT AND PRODUCTION BLASTING WOULD RESULT IN A UNIFORM STABLE ROCK CUT FACE. NOTE THAT THIS MATERIAL WOULD NOT BY DEFINITION NECCESARILY BE A PROVEN SOURCE OF ANY ROCK TYPE AGGREGATE SUCH AS SOLID ROCK, GRADED SOIL ROCK, RIP-RAP, OR OTHER AGGREGATE CONSTRUCTION PRODUCTS.

C. SOFT ROCK OR DEGRADABLE ROCK
THIS MATERIAL IS THAT NATURALLY OCCURING MATERIAL COMPOSED OF MINERAL PARTICLES THAT ARE SO FIRMLY BONDED SUCH THAT THEY ARE NOT FAIRLY READILY SEPARATED INTO SMALL PIECES YET HAS SUCH RELATIVELY LOW BONDING STRENGTH THAT WOULD ALLOW FOR SEPARATING INTO SMALL PIECES THROUGH MODERATE TO HEAVY CRUSHING FORCES. FOR CONSTRUCTION PURPOSES THIS MATERIAL WOULD HAVE TO BE SUBJECTED TO RIPPING TYPE EQUIPMENT, HOE RAMS, OR RUGGED USE OF A LARGE BULLDOZER IN ORDER TO SEPARATE THE MATERIAL SUCH THAT IT CAN BE READILY LOADED INTO EARTH MOVING TRUCKS. THESE MATERIALS WOULD TYPICALLY BE SHALES, CLAYSTONES, SILTSTONES, WEATHERED SANDSTONES, WEATHERED SCHIST AND WEATHERED GNEISS.

D. TRANSITIONAL MATERIAL
THIS MATERIAL IS THAT MATERIAL COMPRISED OF A COMBINATION OF SOIL AND ROCK (MATERIALS A, B, AND C) OCCURING IN EITHER NON-UNIFORM INTERBEDDED LAYERS OF THE ABOVE MATERIALS (I.E. SHALE MATERIAL WITH RELATIVELY THIN LAYERS OF SOLID ROCK SUCH AS HARD LIMESTONE) OR ERRATIC LOCALIZED CHANGES OF MATERIAL TYPES BOTH LATERALLY AND WITH DEPTH (SUCH AS A GEOLOGIC FORMATION RESULTING IN PINNACLED ROCK COLUMNS, FLOATING BOULDERS OR LENSES INTERCALATED WITH CLAY SOIL, A COMMON OCCURRENCE IN CERTAIN REGIONS OF TENNESSEE). FOR CONSTRUCTION PURPOSES, THIS MATERIAL MAY HAVE TO BE EXCAVATED USING A COMBINATION OF EXCAVATION METHODS SUCH AS BLASTING OF ROCK PINNACLES, LAYERS OF BOULDERS, ALONG WITH A RIPPING OF WEATHERED BEDROCK AND EXCAVATING OF SOIL WITH TRACK HOES OR LOADERS ALL WITHIN A LOCALIZED AREA. THIS MATERIAL WOULD NOT BE SUITABLE FOR THE USE OF EXCAVATING PAN TYPE EQUIPMENT.

DEFINITION OF BACKFILL MATERIAL

SELECT GRANULAR MATERIAL:

SELECT GRANULAR MATERIAL IS DEFINED AS SOIL CONFORMING TO AASHTO CLASSIFICATION OF EITHER A-1-a, A-1-b OR A-3, WITH THE ADDITIONAL REQUIREMENT THAT NO MORE THAN 10% SOIL PARTICLES BY WEIGHT PASS THE NO. 200 (75mm) SIEVE. PROCESS THE MATERIAL WITH AN ACCEPTABLE METHOD THAT PRODUCES THE REQUIRED GRADATION. OBTAIN THE ENGINEER'S APPROVAL BEFORE USING THE MATERIAL.

PROCTOR AND CBR INFORMATION

PROCTOR/ CBR NO.	DEPTH (FT.)	DESCRIPTION	USCS/ AASHTO	LL	PI	MAXIMUM DRY UNIT WEIGHT (PCF)	OPTIMUM MOISTURE CONTENT (%)	MOISTURE RANGE	PERCENT COMPACTION (%)	CBR
1	1 - 6	BROWN CLAYEY SAND	SC/A-2-7 (2)	48	26	103.2	19.2	16.6 - 22.6	95	6.8
2	1 - 6	BROWN CLAYEY SAND	SC/A-6 (6)	39	25	120.6	11.6	8.3 - 14.3	95	5.3
3	1 - 6	BROWN CLAYEY SAND	SC/A-2-6 (1)	29	14	126.3	9.6	--	--	--
4	1 - 6	BROWN CLAYEY SAND	SC/A-2-7 (2)	110	77	116.6	12.0	--	--	--

BORING NO.	PROCTOR NO.	DEPTH (FT.)
A-1	2	1 - 13
A-2	1	13 - 20
A-3	3	1 - 6
A-3	2	13 - 20
A-4	2	3 - 13
A-5	1	1 - 13
A-5	2	13 - 18

BORING NO.	PROCTOR NO.	DEPTH (FT.)
B-1	1	1 - 8
B-1	3	8 - 18
B-2	1	1 - 3
B-3	1	1 - 6
B-4	--	--
B-5	--	--

BORING NO.	PROCTOR NO.	DEPTH (FT.)
C-1	2	1 - 3
C-2	2	3 - 20
C-3	4	1 - 6
C-4	1	1 - 3
C-5	3	1 - 13

BORING NO.	PROCTOR NO.	DEPTH (FT.)
D-1	2	1 - 25
D-2	2	1 - 3
D-3	2	1 - 6
D-4	2	6 - 18
D-5	--	--

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
203-05	UNDERCUTTING	C.Y.	3472
203-03.01	BORROW EXCAVATION (Select Material)	C.Y.	3472
740-10.04	GEOTEXTILE (TYPE IV, STABILIZATION)	S.Y.	4050

NOTES:

1.) SELECT MATERIAL AND GEOTEXTILE REQUIRED FROM APPROXIMATE W.B. EXIT RAMP STATION 203+50 TO 212+97

2.) UNDERCUT, GEOTEXTILE, AND SELECT MATERIAL NOT REQUIRED WHERE EXISTING PAVEMENT TO REMAIN OR AT LEAST 3 FEET OF FILL IS PLACED.

3.) ESTIMATED QUANTITIES DO NOT INCLUDE SWELL FACTORS AND ARE BASED ON COMPACTED MATERIALS ONLY.

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GEOTECHNICAL NOTES & QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-3
PIH	2025	39I040-S2-006	G-3
PS&E	2026	39I040-S3-006	G-3

N

LEGEND

X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

X-X

PAVEMENT CORE DESIGNATION

BEGIN PROJECT NO. 39I040-S2-006 R.O.W.
STA. 989+93.91

BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 993+75.00

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp

STA. 519+02.73 SR104=
STA. 300+00.00 EB On Ramp

STA. 518+77.29 SR104=
STA. 419+43.23 EB Off Ramp

END PROJECT NO. 39I040-S2-006 R.O.W.
STA. 1040+28.46
END PROJECT NO. 39I040-S3-006 CONST.
STA. 1040+28.46

990 995 1000 1005 1010 1015 1020 1025 1030 1035 1040

100 105 110 115 120 200 205 210 215 220 305 310 315 320 325 400 405 410 415 505 510 515 520 525 530 535 540

D-1 (25.0') D-2 (25.0') D-3 (25.0') D-4 (20.0') D-5 (15.0') C-5 (25.0') C-4 (25.0') C-3 (25.0') C-2 (20.0') C-1 (15.0')

HM-1 (40.0') HM-2 (40.0') HM-3 (40.0') HM-4 (40.0') HM-5 (40.0') HM-6 (40.0')

P-1 P-2 P-3 P-4 P-5 P-6 P-7 P-8

A-1 (15.0') A-2 (20.0') A-3 (20.0') A-4 (25.0') A-5 (25.0')

B-1 (25.0') B-2 (25.0') B-3 (20.0') B-4 (20.0') B-5 (15.0')

WB ON RAMP WB OFF RAMP EB ON RAMP EB OFF RAMP I-40 SR104

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GEOTECHNICAL ALIGNMENT

1/23/2026 7:26:20 AM
\\10.0.12.42\ERL\DATA\PROJECTS\U042\U042254.01-PIN133131.00 SR 69 AT I-40 EXIST 126 RAMP\DRAWG-SHEETS\03I040-SHT-GEOTECH-TITLE,INDEX,QTY,LOGS,TABLES.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-4
PIH	2025	39I040-S2-006	G-4
PS&E	2026	39I040-S3-006	G-4

N

LEGEND

X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

985 990 995

BEGIN PROJECT NO. 39I040-S2-006 R.O.W
STA. 989+93.91

END WB ON RAMP CONST.
STA. 123+67.13 =
STA. 989+93.91 I-40
OFF. 54.77'

125 120

WB ON RAMP

I-40

STA. 998+00

MATCH LINE

EB OFF RAMP

A-1 (15.0')

400

BEGIN RAMP CONST.
STA. 400+00.00 =
STA. 995+49.42 I-40
OFF. 54.71'

BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 993+75.00

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ALL ELEVATIONS ARE REFERENCED
TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

I-40
STA. 994+00.00 TO STA. 998+00.00
SCALE:1" = 50'

1/23/2026 7:34:26 AM
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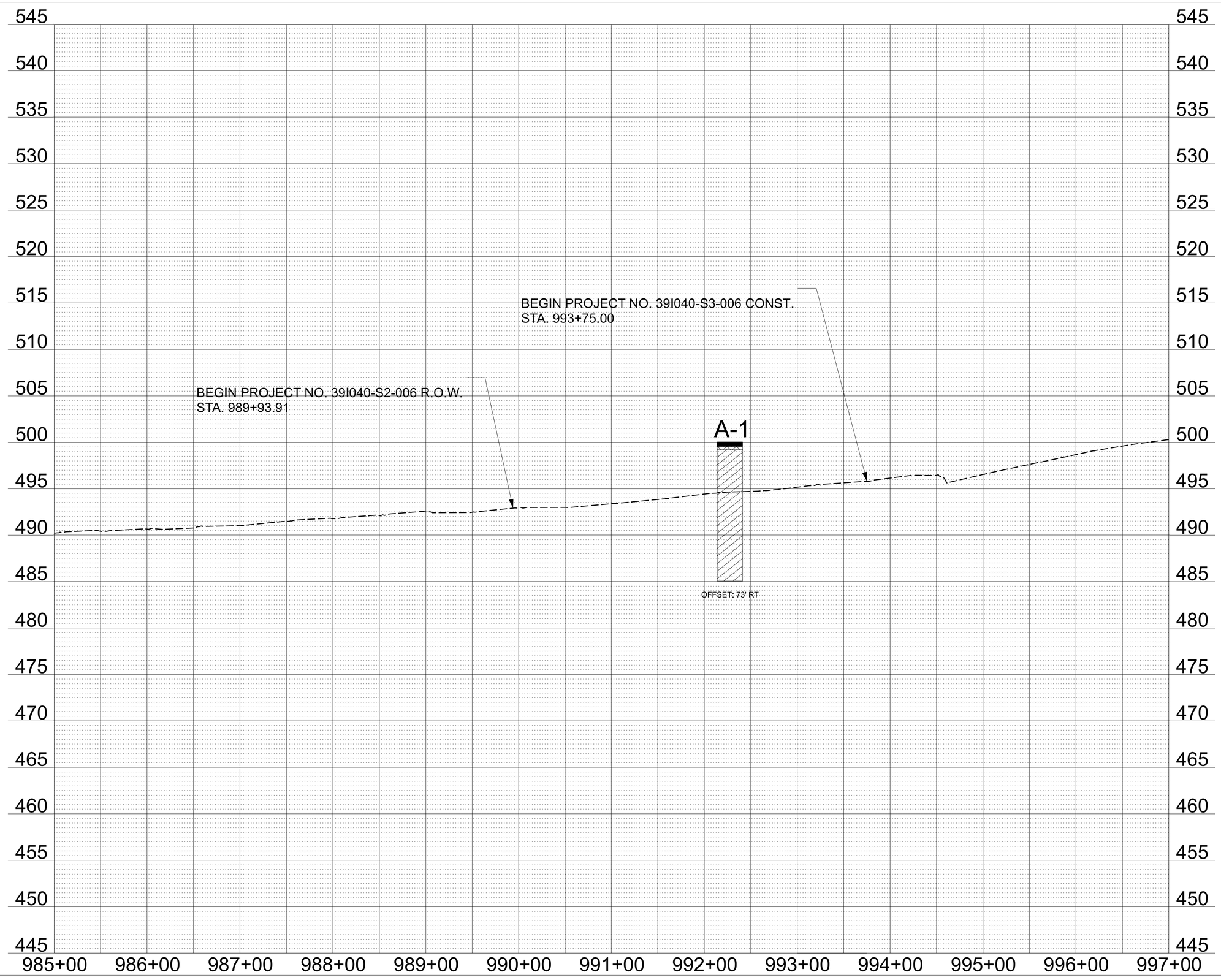
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-5
PIH	2025	39I040-S2-006	G-5
PS&E	2026	39I040-S3-006	G-5



LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
- SILT (TYPE A MATERIAL)
- ELASTIC SILT (TYPE A MATERIAL)
- POORLY-GRADED SAND (TYPE A MATERIAL)
- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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GEOTECHNICAL BORING PROFILE

I-40

STA. 985+00.00 TO STA. 997+00.00

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

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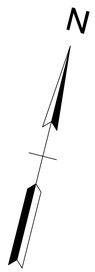
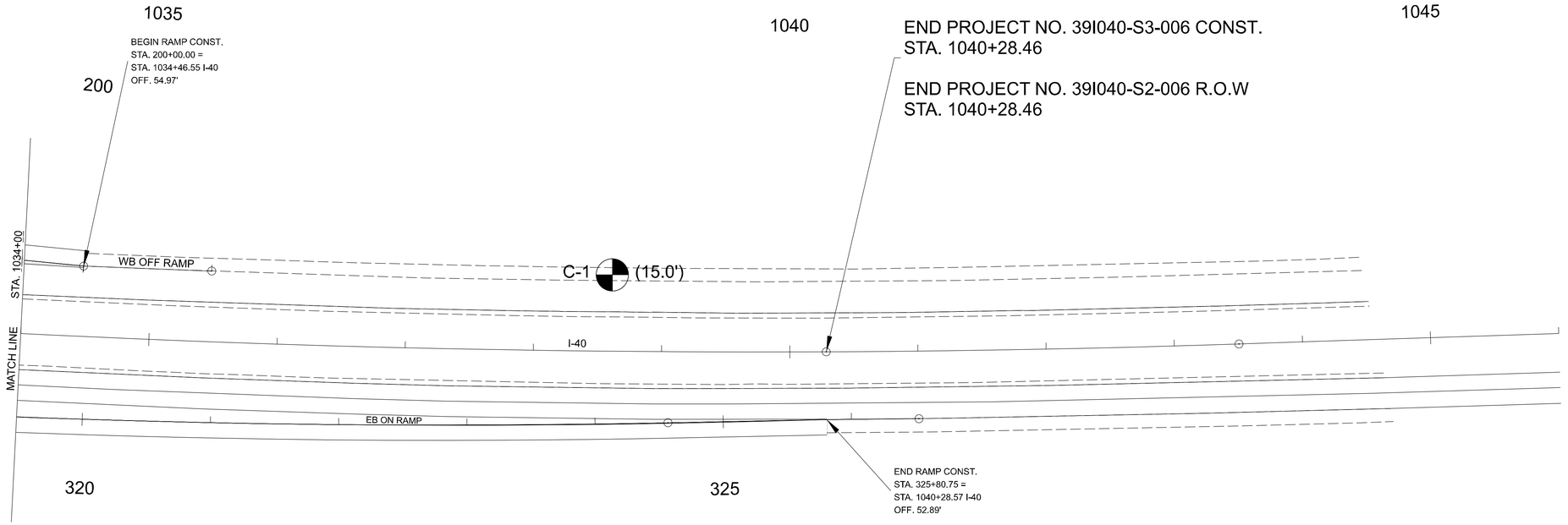
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-6
PIH	2025	39I040-S2-006	G-6
PS&E	2026	39I040-S3-006	G-6



LEGEND

X-X ⊕ (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION



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DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

I-40

STA. 1034+00.00 TO STA. 1047+00.00

SCALE: 1" = 50'

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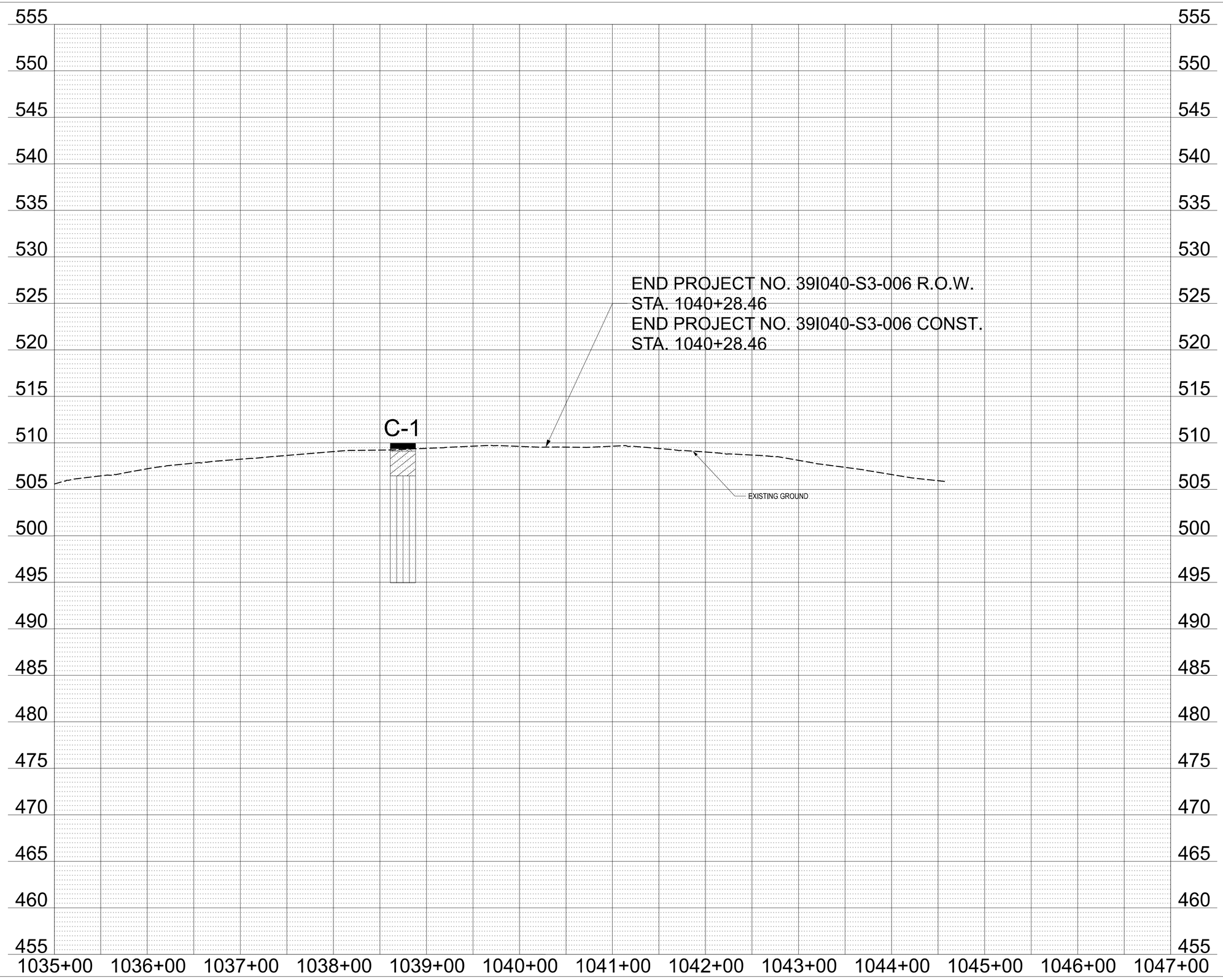
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-7
PIH	2025	39I040-S2-006	G-7
PS&E	2026	39I040-S3-006	G-7



LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
- SILT (TYPE A MATERIAL)
- ELASTIC SILT (TYPE A MATERIAL)
- POORLY-GRADED SAND (TYPE A MATERIAL)
- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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GEOTECHNICAL
BORING
PROFILE

I-40
STA. 1035+00.00 TO STA. 1047+00.00

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

2/23/2026 9:26:29 PM
M:\PROJECTS\J043\J043753.02-PIN 133484.00 I-40 SR-104 INTERCHANGE\DRAWPLAN IN HAND (PIH)\DGN FILES\SHEET G-7\PROFILE-GE05.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-8
P/H	2025	39I040-S2-006	G-8
PS&E	2026	39I040-S3-006	G-8

N

LEGEND

X-X ⊕ (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

APPROXIMATE UNDERCUT AREA

1010 525 100 220 1015 1020

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp

WB ON RAMP

WB OFF RAMP

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp

215

SEE NOTE 2 ON G-2

END RAMP CONST.
STA. 212+97.07

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104

STA. 1010+00

SR104

I-40

SEE SHEET NO. G-9

MATCH LINE

STA. 1022+00

MATCH LINE

HM-6 (40.0')

HM-5 (40.0')

520

EB ON RAMP

B-2 (25.0')

305

EB OFF RAMP

415

END RAMP CONST.
STA. 414+87.66

B-1 (25.0')

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp

STA. 518+77.29 SR104=
STA. 419+43.23 EB Off Ramp

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STATE OF TENNESSEE
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GEOTECHNICAL BORING LAYOUT

E.B. ENTRANCE RAMP
STA. 300+00.00 TO STA. 325+80.75
SCALE: 1" = 50'

1/23/2026 7:50:51 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-9
PIH	2025	39I040-S2-006	G-9
PS&E	2026	39I040-S3-006	G-9

N

LEGEND

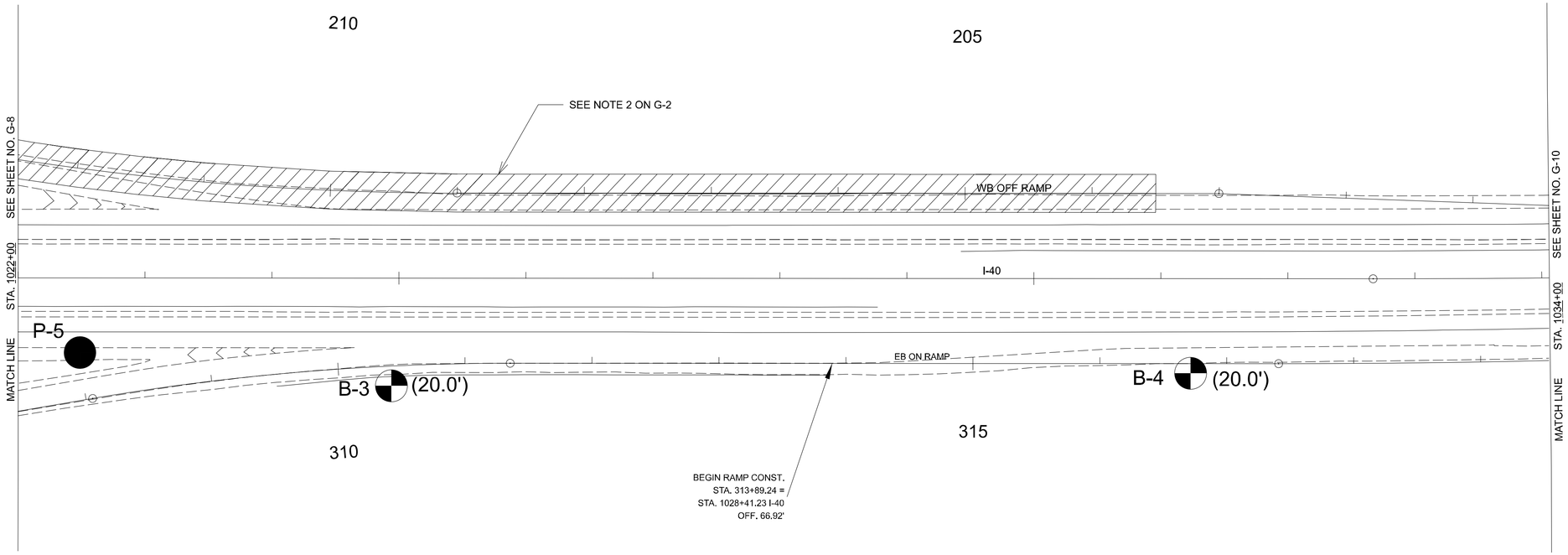
X-X ⊕ (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

X-X ●

PAVEMENT CORE DESIGNATION

APPROXIMATE UNDERCUT AREA



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GEOTECHNICAL BORING LAYOUT

E.B. ENTRANCE RAMP
STA. 300+00.00 TO STA. 325+80.75
SCALE: 1" = 50'

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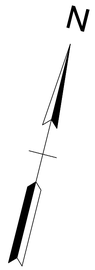
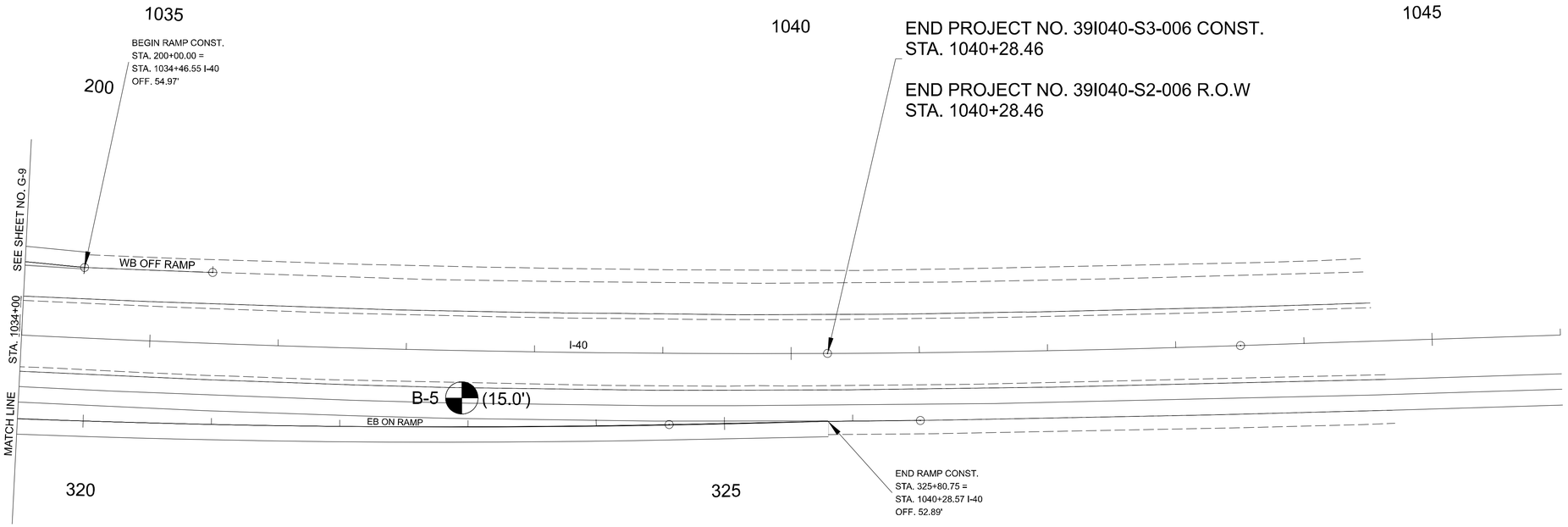
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-10
PIH	2025	39I040-S2-006	G-10
PS&E	2026	39I040-S3-006	G-10



LEGEND

X-X ⊕ (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION



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GEOTECHNICAL BORING LAYOUT

E.B. ENTRANCE RAMP
STA. 300+00.00 TO STA. 325+80.75
SCALE: 1" = 50'

1/23/2026 7:52:49 AM
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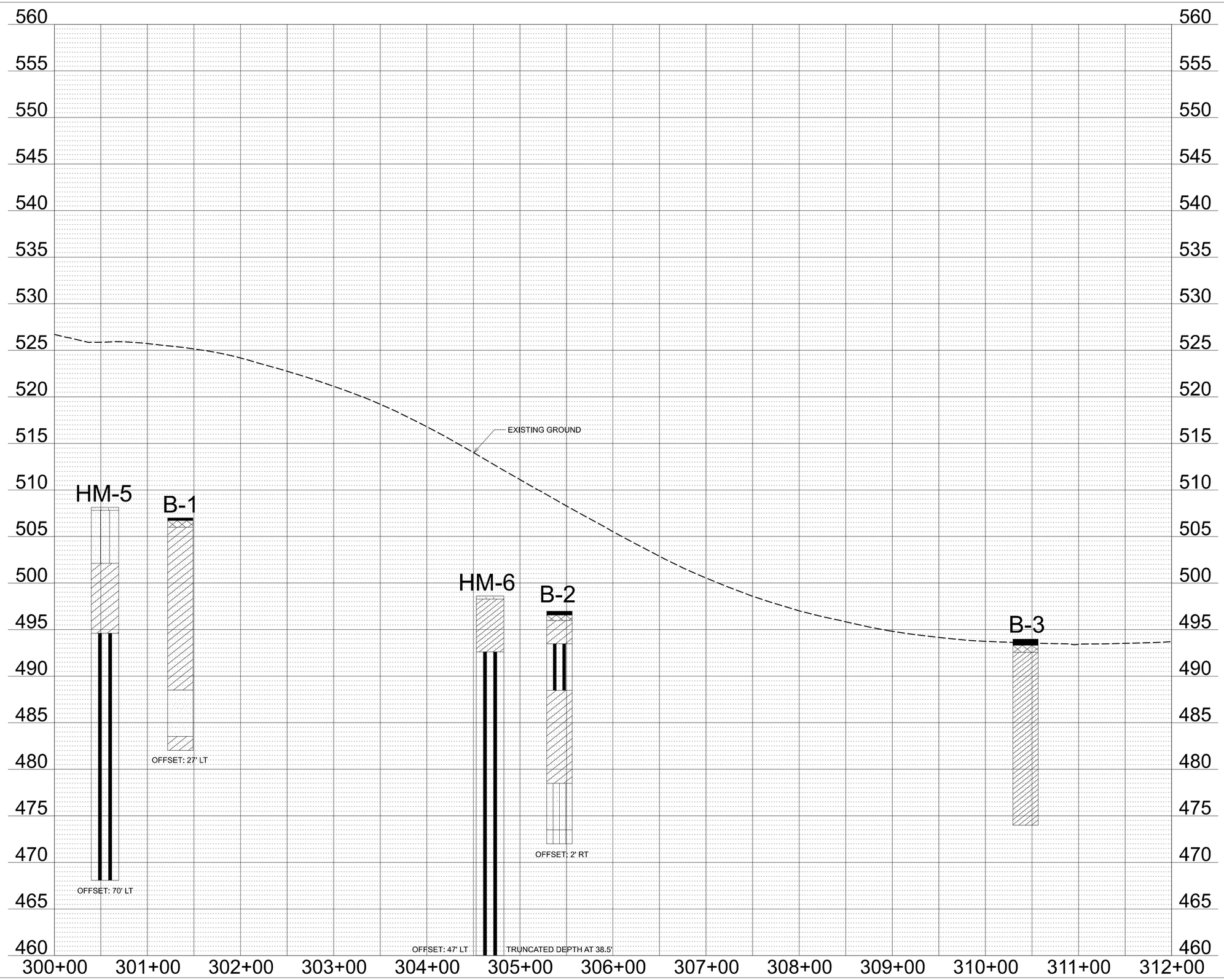
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-11
PIH	2025	39I040-S2-006	G-11
PS&E	2026	39I040-S3-006	G-11



LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
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- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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GEOTECHNICAL BORING PROFILE

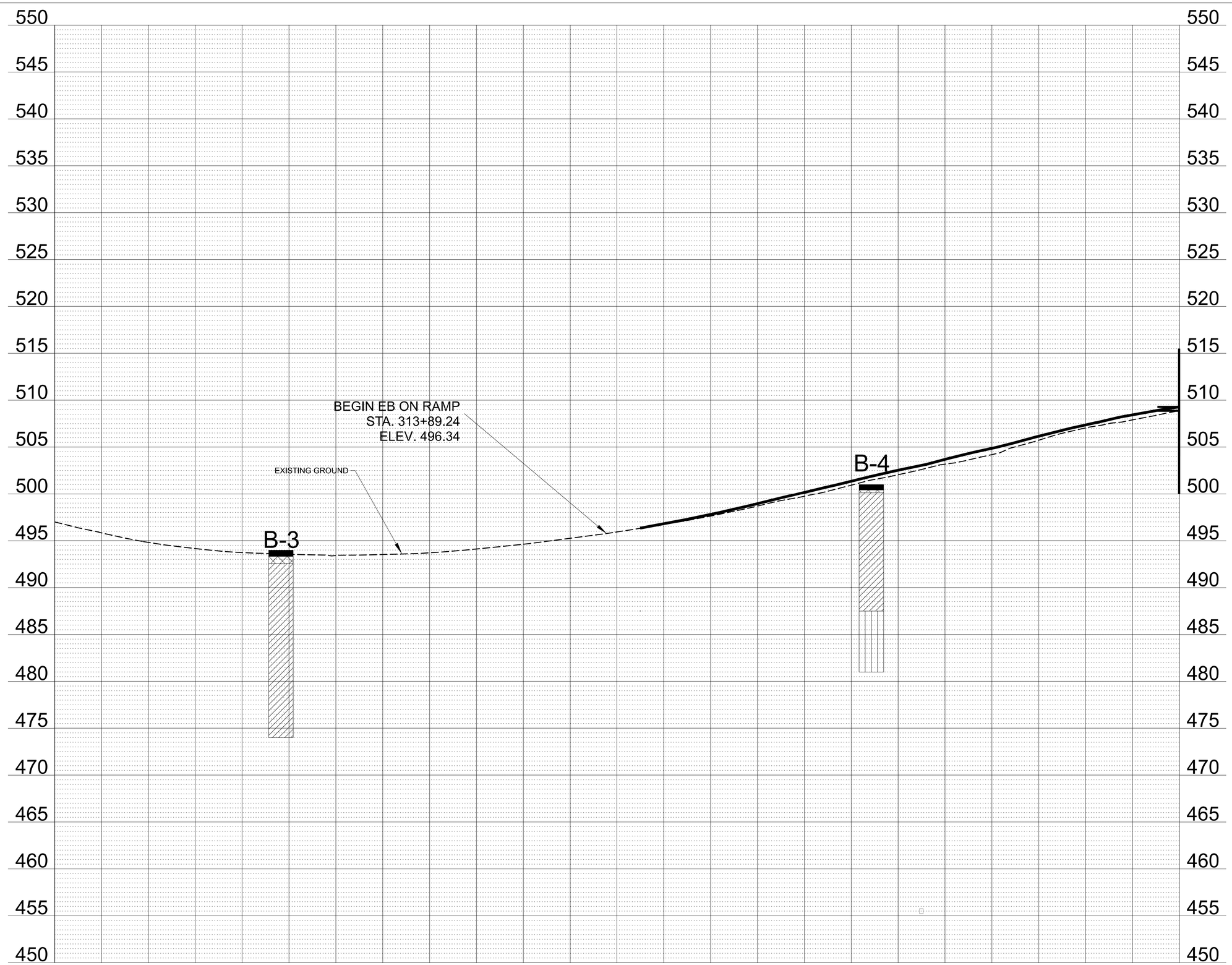
E.B. ENTRANCE RAMP

STA. 300+00.00 TO STA. 312+00.00

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

1/23/2026 7:53:43 AM
M:\PROJECTS\J043\J043753.02-PIN 133484.00 I-40 SR-104 INTERCHANGE\DRAW\FUNCTIONAL FIELD REVIEW (2GT2)\UPDATED PROFILES 11-8\PROFILES\PROFILE-GEO2.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-12
PIH	2025	39I040-S2-006	G-12
PS&E	2026	39I040-S3-006	G-12



LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
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- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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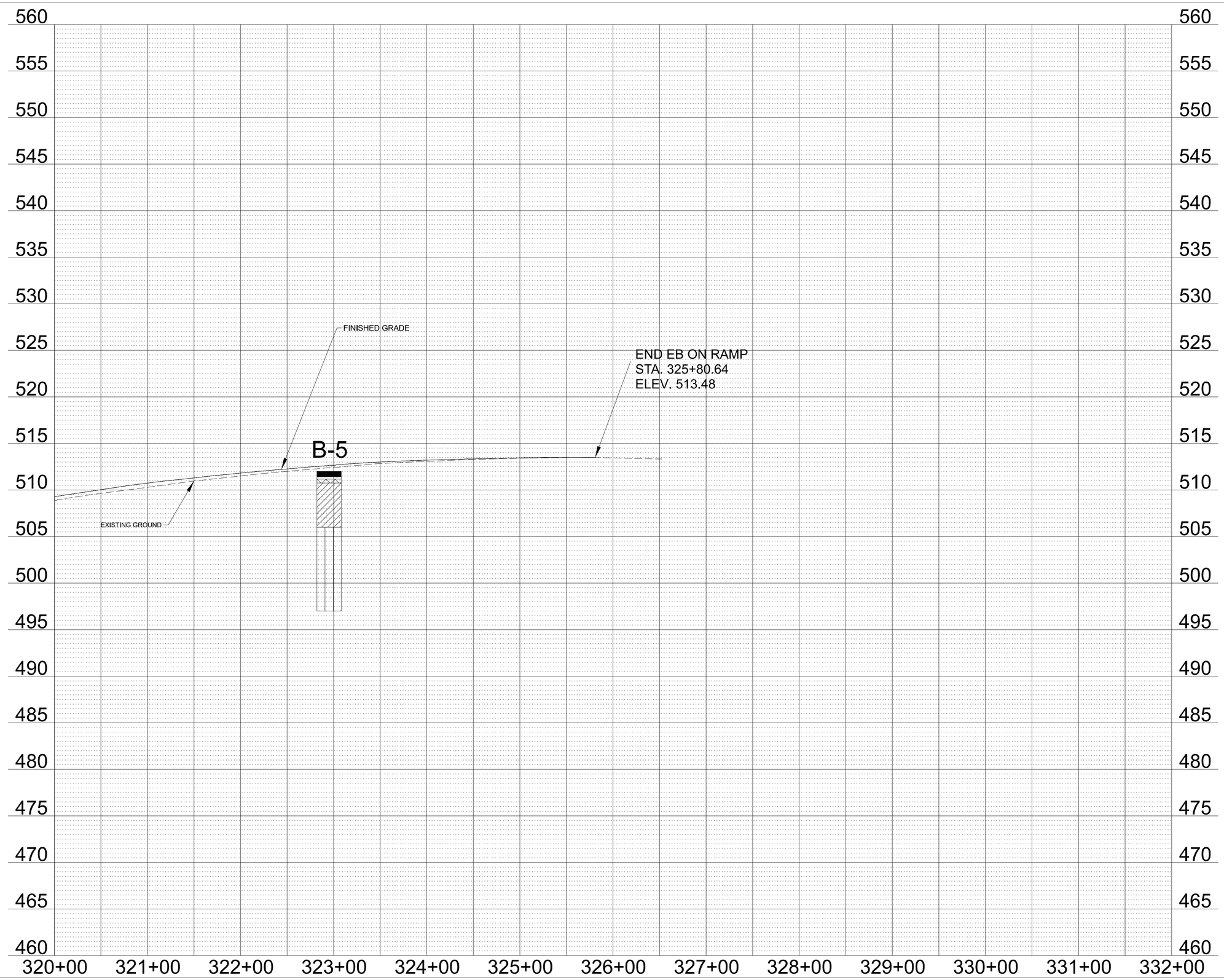
ASHRAF ELSAYED
REGISTERED ENGINEER
AGRICULTURE
No. 106521
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL
BORING
PROFILE

E.B. ENTRANCE RAMP
STA. 308+00.00 TO STA. 320+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

1/23/2026 7:54:36 AM
C:\USERS\RSANTANAPONCE\DOCUMENTS\SR-104\PROFILES\39I040-SHT-PROPOSED PROFILE-05.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-13
PIH	2025	39I040-S2-006	G-13
PS&E	2026	39I040-S3-006	G-13

LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
- SILT (TYPE A MATERIAL)
- ELASTIC SILT (TYPE A MATERIAL)
- POORLY-GRADED SAND (TYPE A MATERIAL)
- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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REGISTERED ENGINEER
AGRICULTURE
No. 106521
STATE OF TENNESSEE

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DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING PROFILE

E.B. ENTRANCE RAMP
STA. 320+00.00 TO STA. 325+80.75
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

1/23/2026 8:28:07 AM
C:\USERS\RSANTANAPONCE\DOCUMENTS\SR-104\PROFILES\39I040-SHT-PROPOSED PROFILE-06.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-14
PIH	2025	39I040-S2-006	G-14
PS&E	2026	39I040-S3-006	G-14

N

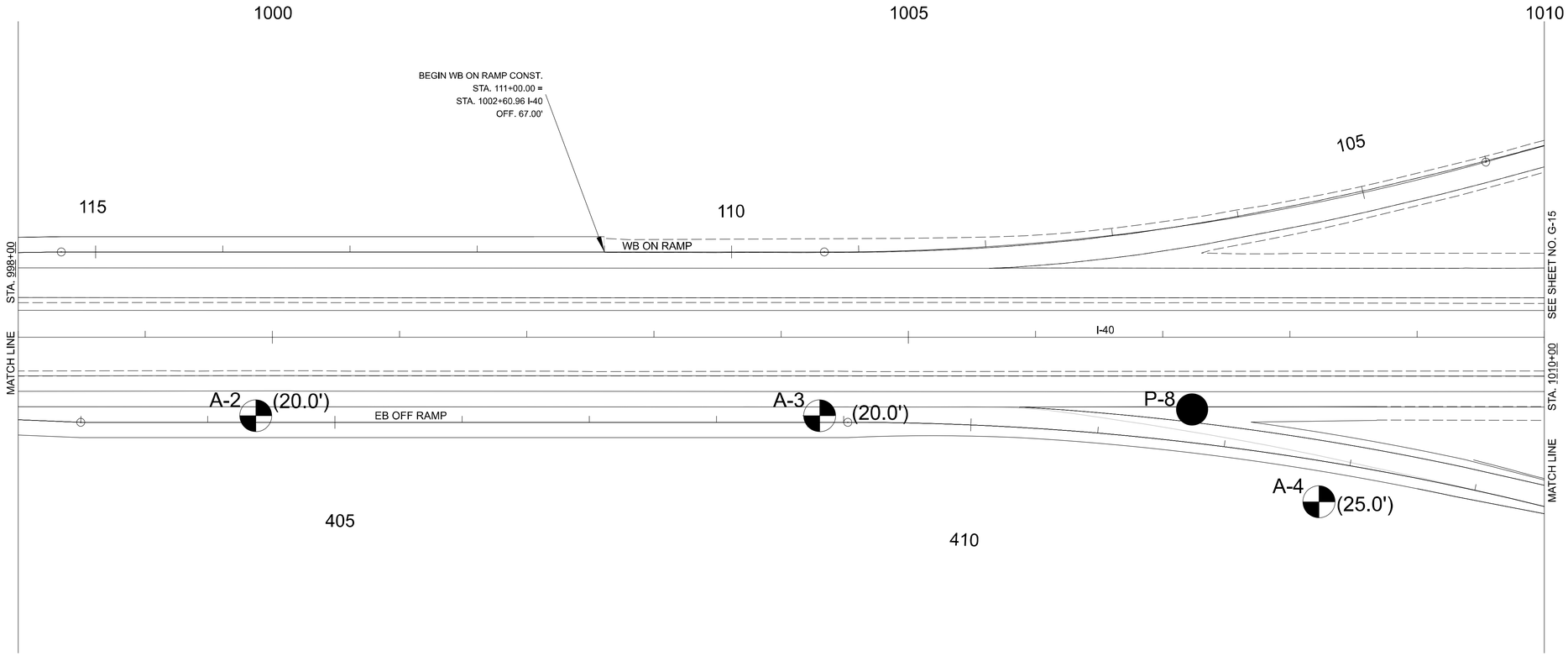
LEGEND

X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

X-X

PAVEMENT CORE DESIGNATION



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REGISTERED ENGINEER
AGRICULTURE
ACADEMIC
106527
STATE OF TENNESSEE

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

E.B. EXIT RAMP
STA. 402+50.00 TO STA. 419+43.23
SCALE: 1" = 50'

1/23/2026 8:45:17 AM
C:\USERS\ACHAMBERS\ONEDRIVE - TEAMUES\DESKTOP\DGN FILES\39I040-SHT-PROPOSED LAYOUT-G-14.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-15
P/H	2025	39I040-S2-006	G-15
PS&E	2026	39I040-S3-006	G-15

N

LEGEND

X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

X-X

PAVEMENT CORE DESIGNATION

APPROXIMATE UNDERCUT AREA

1010 525 100 220 1015 1020

WB ON RAMP

WB OFF RAMP

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp

215

SEE NOTE 2 ON G-2

END RAMP CONST.
STA. 212+97.07

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104

SEE SHEET NO. G-14

STA. 1010+00

SR104

I-40

STA. 1022+00

MATCH LINE

MATCH LINE

HM-4
(40.0')

520

EB OFF RAMP

EB ON RAMP

305

A-5
(25.0')

415

END RAMP CONST.
STA. 414+87.66

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp

STA. 518+77.29 SR104=
STA. 419+43.23 EB Off Ramp

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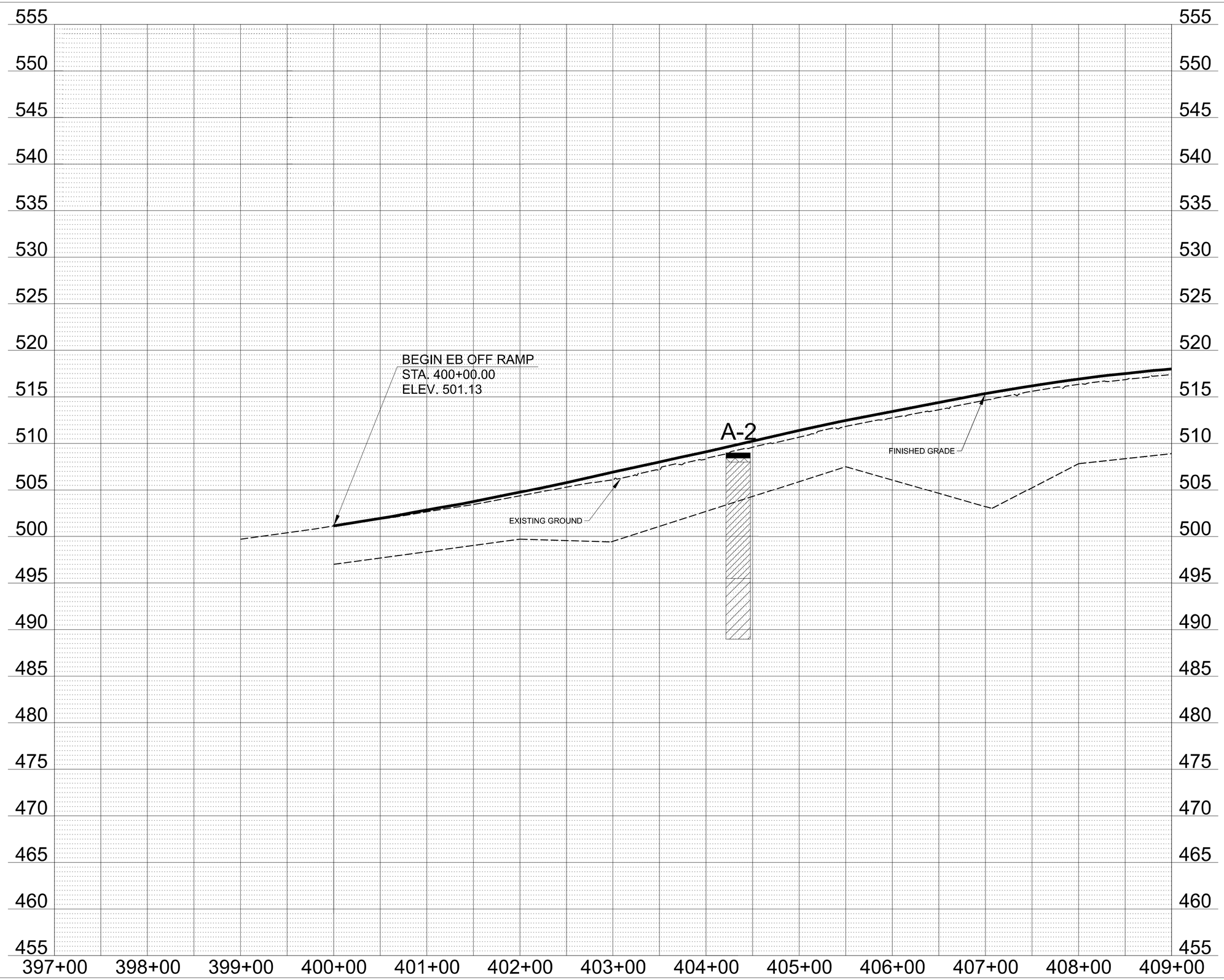
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

E.B. EXIT RAMP
STA. 402+50.00 TO STA. 419+43.23
SCALE: 1" = 50'

11/25/2025 10:22:27 AM
C:\USERS\ACHAMBERS\ONEDRIVE - TEAMUESIDESKTOP\DGN FILES\39I040-SHT-PROPOSED LAYOUT-G-15.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-16
PIH	2025	39I040-S2-006	G-16
PS&E	2026	39I040-S3-006	G-16



LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
- SILT (TYPE A MATERIAL)
- ELASTIC SILT (TYPE A MATERIAL)
- POORLY-GRADED SAND (TYPE A MATERIAL)
- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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GEOTECHNICAL BORING PROFILE

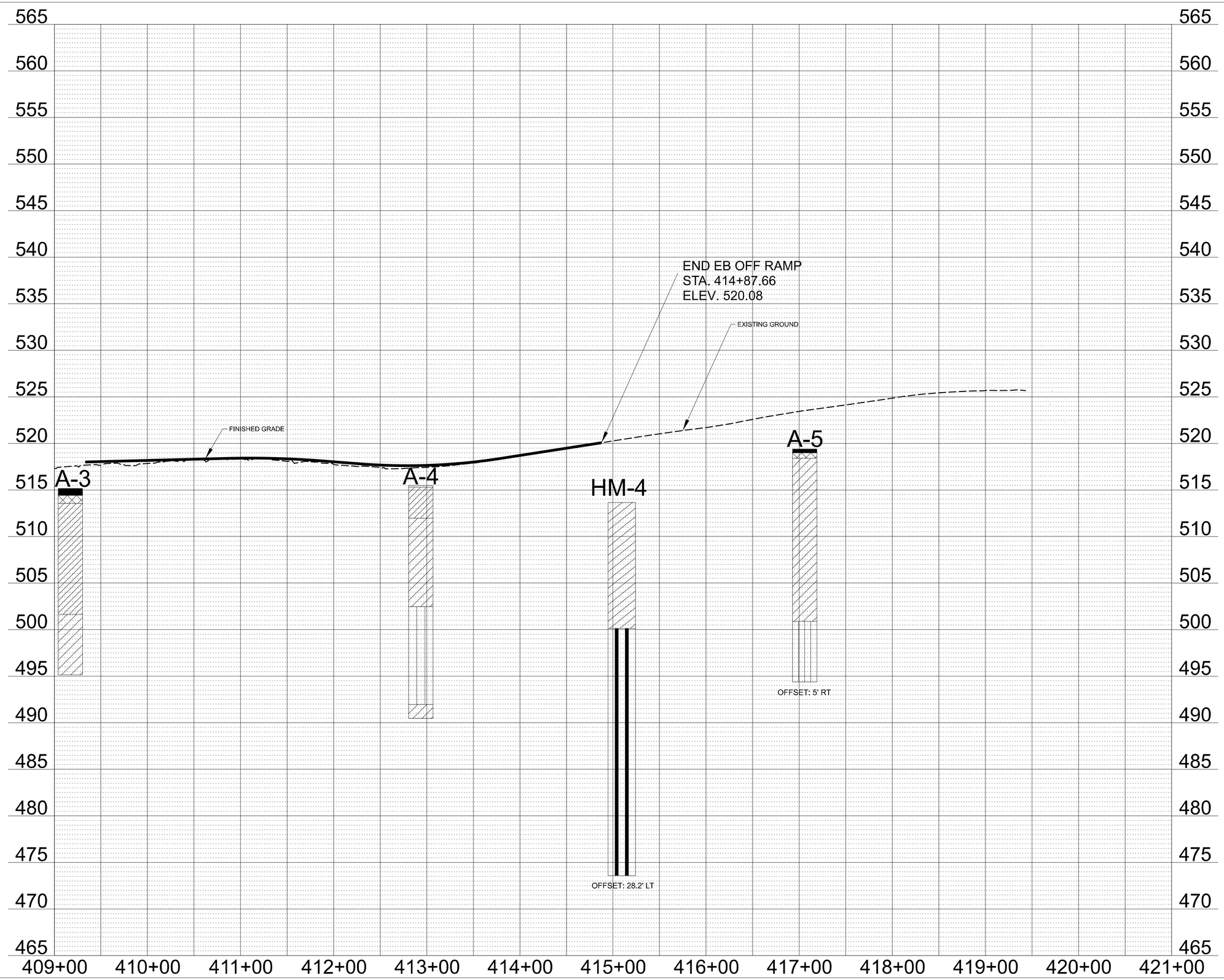
E.B. EXIT RAMP

STA. 400+00.00 TO STA. 409+00.00

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

11/25/2025 10:41:15 AM
M:\PROJECTS\J043\J043753.02-PIN 133484.00 I-40 SR-104 INTERCHANGE\DRAW\PLAN IN HAND (PIH)\DGN FILES\39I040-SHT-PROPOSED PROFILE-G-16.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-17
PIH	2025	39I040-S2-006	G-17
PS&E	2026	39I040-S3-006	G-17



LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
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- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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AGRICULTURE
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GEOTECHNICAL
BORING
PROFILE

E.B. EXIT RAMP
STA. 409+00.00 TO STA. 419+43.23

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

1/23/2026 9:06:14 AM
M:\PROJECTS\J043\J043753.02-PIN 133484.00 I-40 SR-104 INTERCHANGE\DRAW\FUNCTIONAL FIELD REVIEW (2GT2)\PROFILES\39I040-SHT-PROPOSED PROFILE-08.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-18
PIH	2025	39I040-S2-006	G-18
PS&E	2026	39I040-S3-006	G-18

N

LEGEND

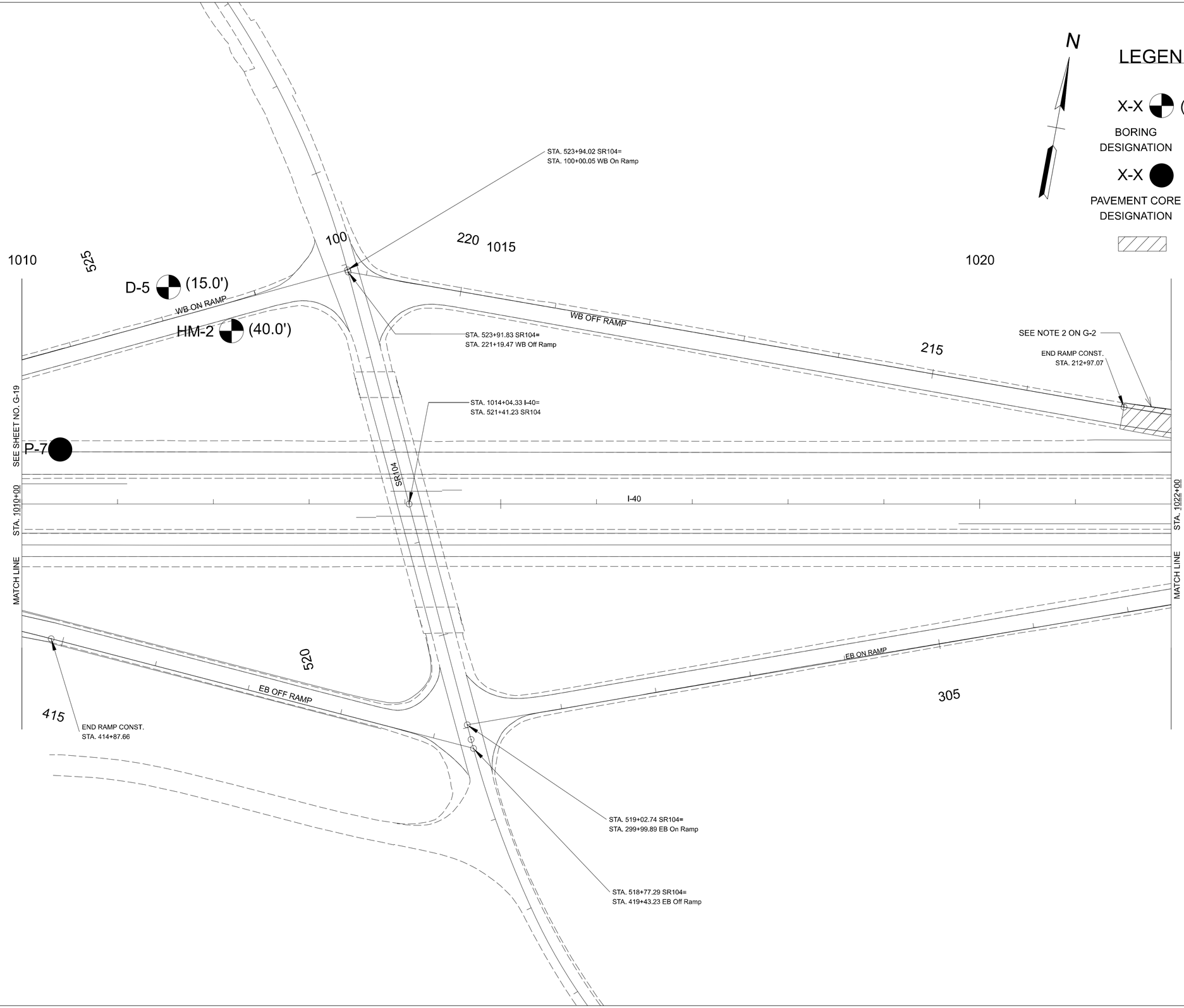
X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

X-X

PAVEMENT CORE DESIGNATION

APPROXIMATE UNDERCUT AREA



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

W.B. ENTRANCE RAMP
STA. 100+00.05 TO STA. 125+00.00
SCALE: 1" = 50'

1/23/2026 10:08:46 AM
C:\USERS\ACHAMBERS\ONEDRIVE - TEAMUES\DESKTOP\DGN FILES\39I040-SHT-PROPOSED LAYOUT-G-18.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-19
PIH	2025	39I040-S2-006	G-19
PS&E	2026	39I040-S3-006	G-19

N

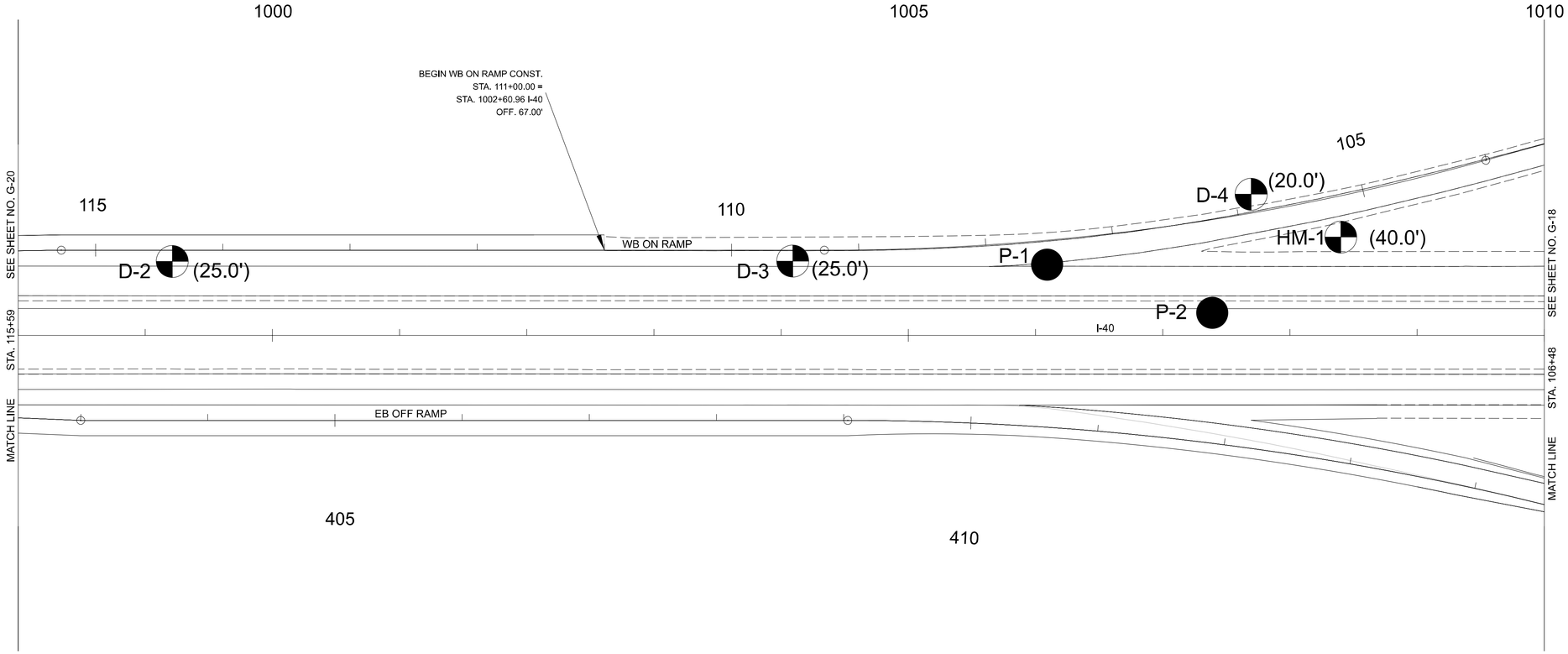
LEGEND

X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

X-X

PAVEMENT CORE DESIGNATION



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COLORADO
No. 10652
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

W.B. ENTRANCE RAMP
STA. 100+00.05 TO STA. 125+00.00
SCALE: 1" = 50'

11/25/2025 2:46:34 PM
C:\USERS\ACHAMBERS\ONEDRIVE - TEAMUES\DESKTOP\DGN FILES\39I040-SHT-PROPOSED LAYOUT-G-19.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-20
PIH	2025	39I040-S2-006	G-20
PS&E	2026	39I040-S3-006	G-20

N

LEGEND

X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

985 990 995

BEGIN PROJECT NO. 39I040-S2-006 R.O.W
STA. 989+93.91

END WB ON RAMP CONST.
STA. 123+67.13 =
STA. 989+93.91 I-40
OFF. 54.77'

D-1 (25.0')

125 120

WB ON RAMP

I-40

EB OFF RAMP

STA. 115+59 SEE SHEET NO. G-19

MATCH LINE

400

BEGIN RAMP CONST.
STA. 400+00.00 =
STA. 995+49.42 I-40
OFF. 54.71'

BEGIN PROJECT NO. 39I040-S3-006 CONST.
STA. 993+75.00

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REGISTERED ENGINEER
AGRICULTURE
COLLEGE
106527
STATE OF TENNESSEE

COORDINATES ARE NAD 83(2011), ARE
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OF 1.00007 AND TIED TO THE TGRN.
ALL ELEVATIONS ARE REFERENCED
TO THE NAVD 1988 WITH GEOID 12B MODEL.

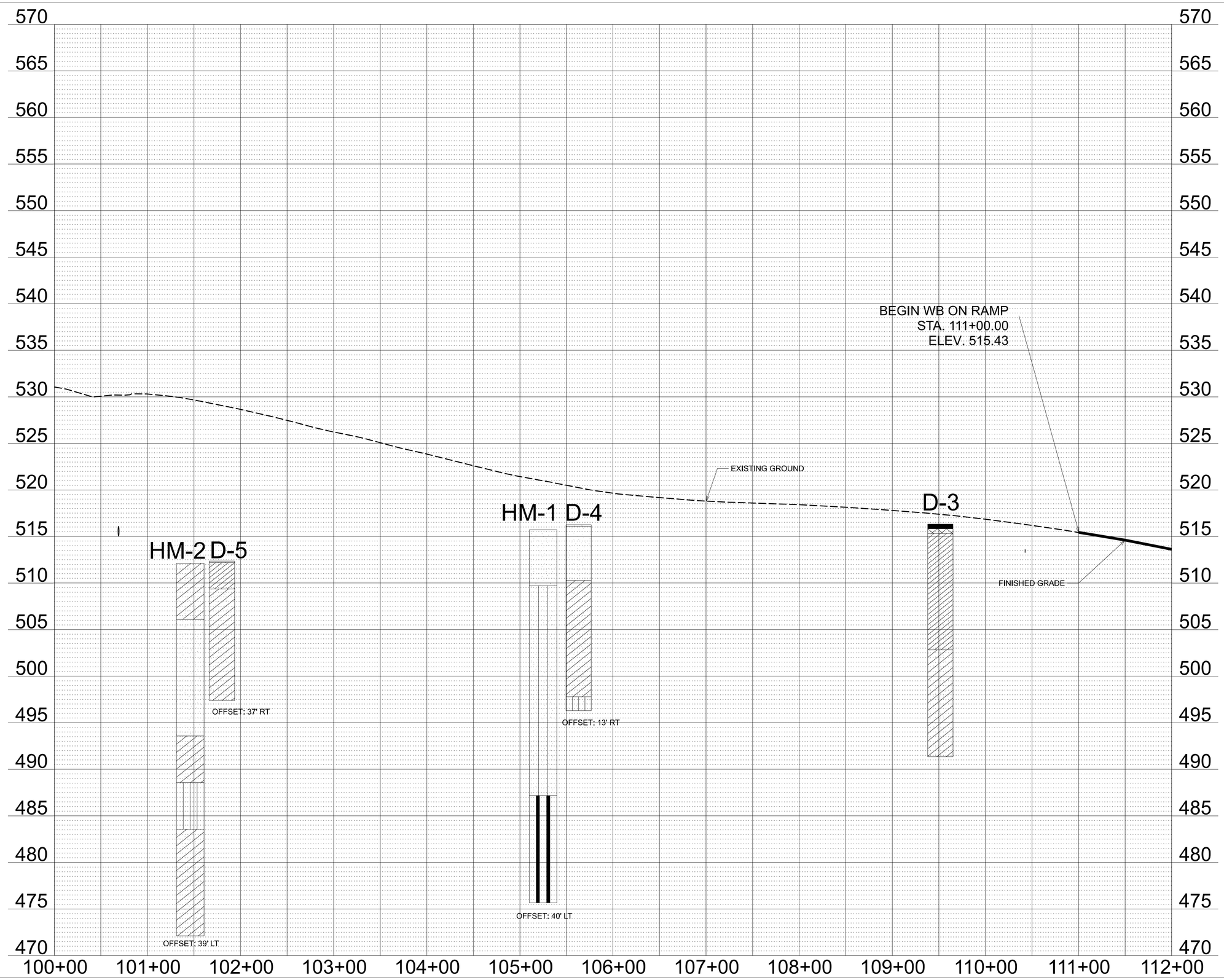
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

W.B. ENTRANCE RAMP
STA. 100+00.00 TO STA. 125+00.00
SCALE:1" = 50'

11/25/2025 2:31:57 PM
C:\USERS\ACHAMBERS\ONEDRIVE - TEAMUES\DESKTOP\DGN FILES\39I040-SHT-PROPOSED LAYOUT-G-20.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-21
PIH	2025	39I040-S2-006	G-21
PS&E	2026	39I040-S3-006	G-21



LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
- SILT (TYPE A MATERIAL)
- ELASTIC SILT (TYPE A MATERIAL)
- POORLY-GRADED SAND (TYPE A MATERIAL)
- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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AGRICULTURE
No. 106521
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING PROFILE

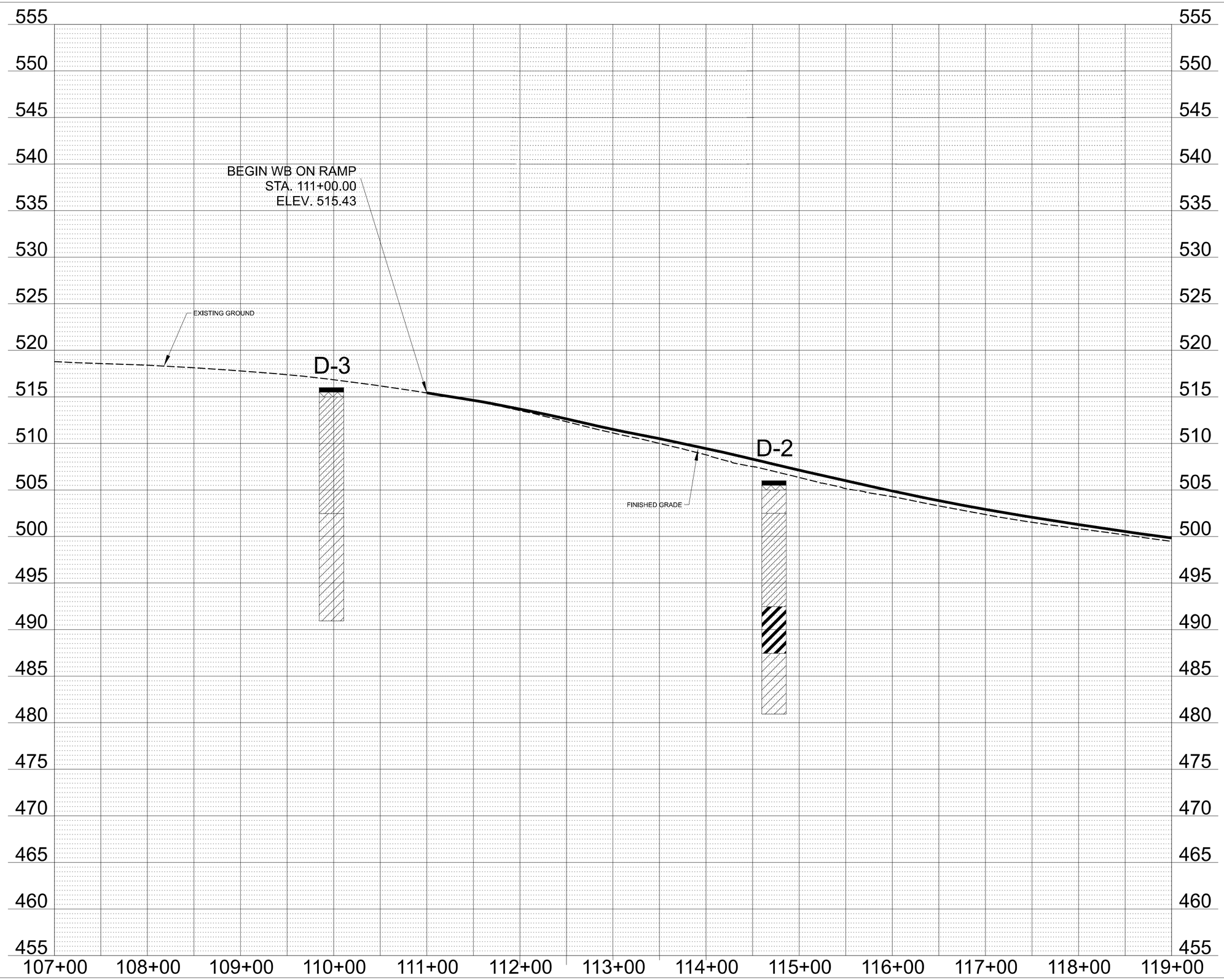
WB ENTRANCE RAMP

STA. 100+00.00 TO STA. 112+00.00

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

11/25/2025 9:25:31 AM
M:\PROJECTS\J043\J043753.02-PIN 133484.00 I-40 SR-104 INTERCHANGE\DRAWF\UNCTIONAL FIELD REVIEW (2GT2)\UPDATED PROFILES 11-8\PROFILES\PROFILE-GEO1.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-22
PIH	2025	39I040-S2-006	G-22
PS&E	2026	39I040-S3-006	G-22



LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
- SILT (TYPE A MATERIAL)
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- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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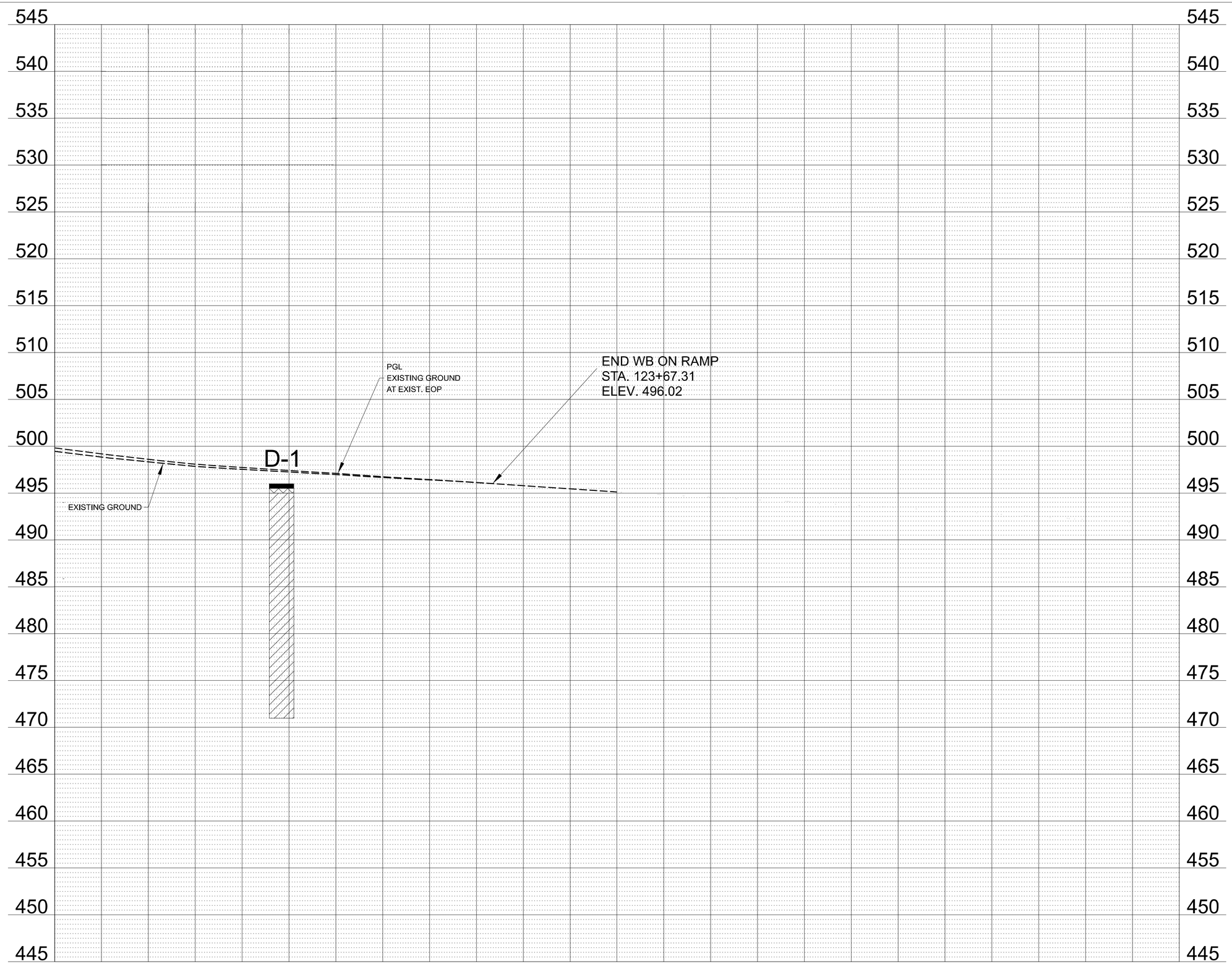
ACADEMIC
No. 106527
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING PROFILE

W.B. ON ENTRANCE RAMP
STA. 107+00.00 TO STA. 119+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

11/24/2025 12:52:40 PM
M:\PROJECTS\J043\J043753.02-PIN 133484.00 I-40 SR-104 INTERCHANGE\DRAW\PLAN IN HAND (PIH)\DGN FILES\39I040-SHT-PROPOSED PROFILE-G-22.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-23
PIH	2025	39I040-S2-006	G-23
PS&E	2026	39I040-S3-006	G-23

LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
- SILT (TYPE A MATERIAL)
- ELASTIC SILT (TYPE A MATERIAL)
- POORLY-GRADED SAND (TYPE A MATERIAL)
- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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REGISTERED ENGINEER
AGRICULTURE
106527
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING PROFILE

W.B. ENTRANCE RAMP
STA. 119+00.00 TO STA. 125+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

1/23/2026 10:13:16 AM
C:\USERS\RSANTANAPONCE\DOCUMENTS\SR-104\PROFILES\39I040-SHT-PROPOSED PROFILE-02.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-24
PIH	2025	39I040-S2-006	G-24
PS&E	2026	39I040-S3-006	G-24

N

LEGEND

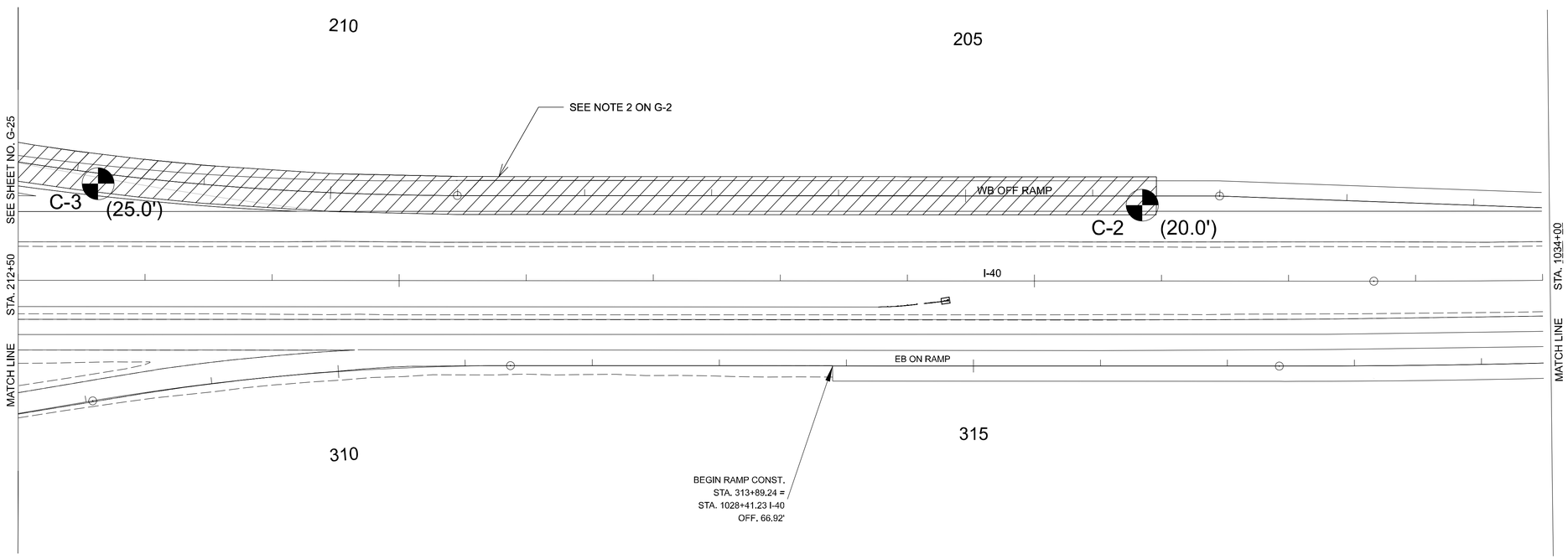
X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

X-X

PAVEMENT CORE DESIGNATION

APPROXIMATE UNDERCUT AREA



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AGRICULTURE
No. 106527
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

W.B. EXIT RAMP
STA. 200+00.00 TO STA. 221+00.00
SCALE: 1" = 50'

11/25/2025 3:52:06 PM
C:\USERS\ACHAMBERS\ONEDRIVE - TEAMJUES\DESKTOP\DGN FILES\39I040-SHT-PROPOSED LAYOUT-G-24.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-25
PIH	2025	39I040-S2-006	G-25
PS&E	2026	39I040-S3-006	G-25

N

LEGEND

X-X (XX.X') — (TERMINATION DEPTH)

BORING DESIGNATION

X-X

PAVEMENT CORE DESIGNATION

APPROXIMATE UNDERCUT AREA

1010 525 100 C-5 (25.0') 220 1015 1020

STA. 523+94.02 SR104=
STA. 100+00.05 WB On Ramp

WB ON RAMP

WB OFF RAMP

STA. 523+91.83 SR104=
STA. 221+19.47 WB Off Ramp

C-4 (25.0') 215

HM-3 (40.0')

SEE NOTE 2 ON G-2

END RAMP CONST.
STA. 212+97.07

STA. 1014+04.33 I-40=
STA. 521+41.23 SR104

P-4

P-6

P-3

SR104

I-40

STA. 1010+00

MATCH LINE

SEE SHEET NO. G-24

STA. 212+50

MATCH LINE

520

EB OFF RAMP

EB ON RAMP

305

415

END RAMP CONST.
STA. 414+87.66

STA. 519+02.74 SR104=
STA. 299+99.89 EB On Ramp

STA. 518+77.29 SR104=
STA. 419+43.23 EB Off Ramp

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REGISTERED ENGINEER
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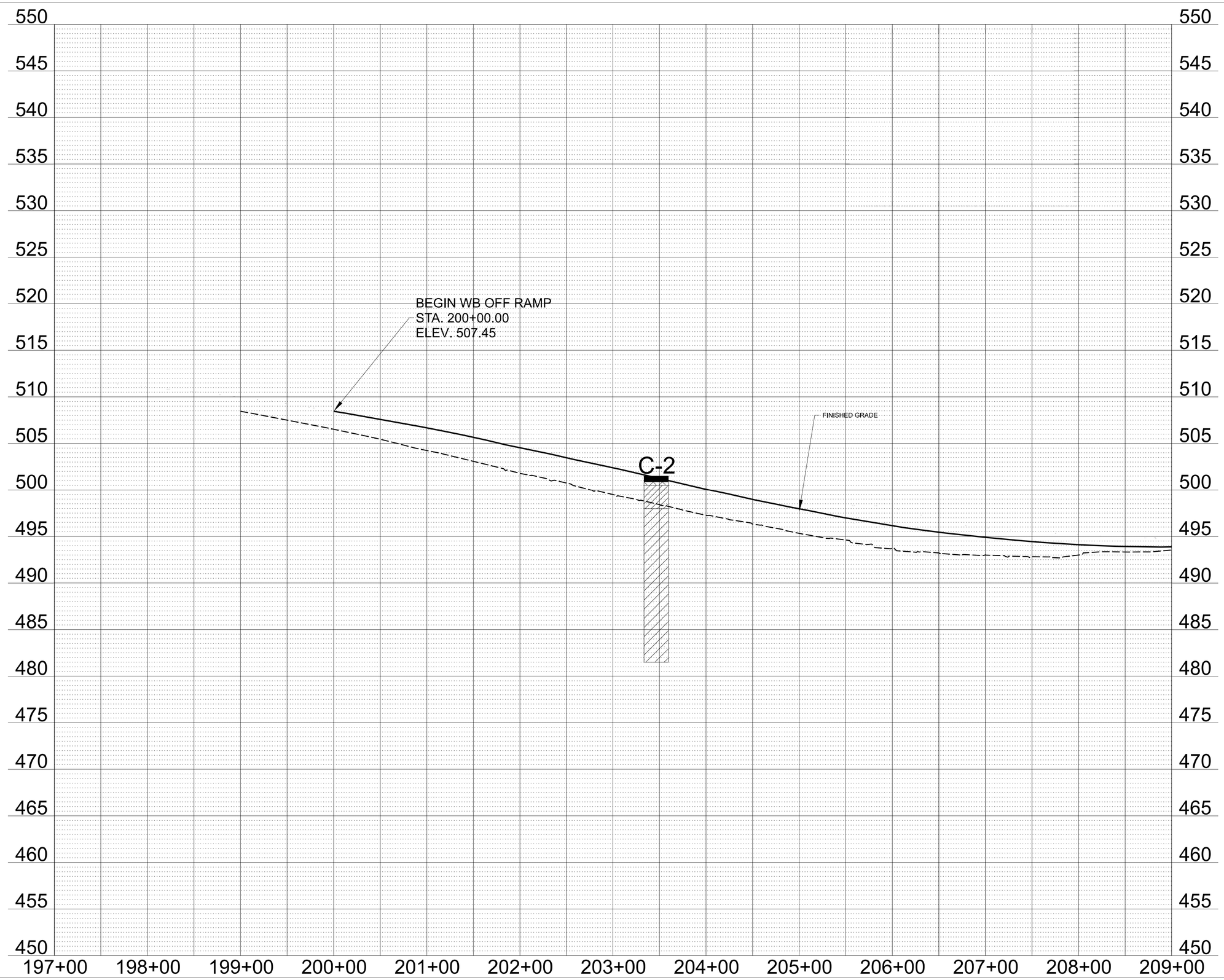
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

W.B. EXIT RAMP
STA. 200+00.00 TO STA. 221+00.00
SCALE: 1" = 50'

11/25/2025 3:57:46 PM
C:\USERS\ACHAMBERS\ONEDRIVE - TEAM\DESKTOP\DGN FILES\39I040-SHT-PROPOSED LAYOUT-G-25.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-26
PIH	2025	39I040-S2-006	G-26
PS&E	2026	39I040-S3-006	G-26

LEGEND

- ASPHALT
- BASE MATERIAL
- CONCRETE
- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
- SANDY LEAN CLAY (TYPE A MATERIAL)
- FAT CLAY (TYPE A MATERIAL)
- SANDY FAT CLAY (TYPE A MATERIAL)
- SILT (TYPE A MATERIAL)
- ELASTIC SILT (TYPE A MATERIAL)
- POORLY-GRADED SAND (TYPE A MATERIAL)
- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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AGRICULTURE
No. 106527
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING PROFILE

W.B. EXIT RAMP
STA. 200+00.00 TO STA. 209+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

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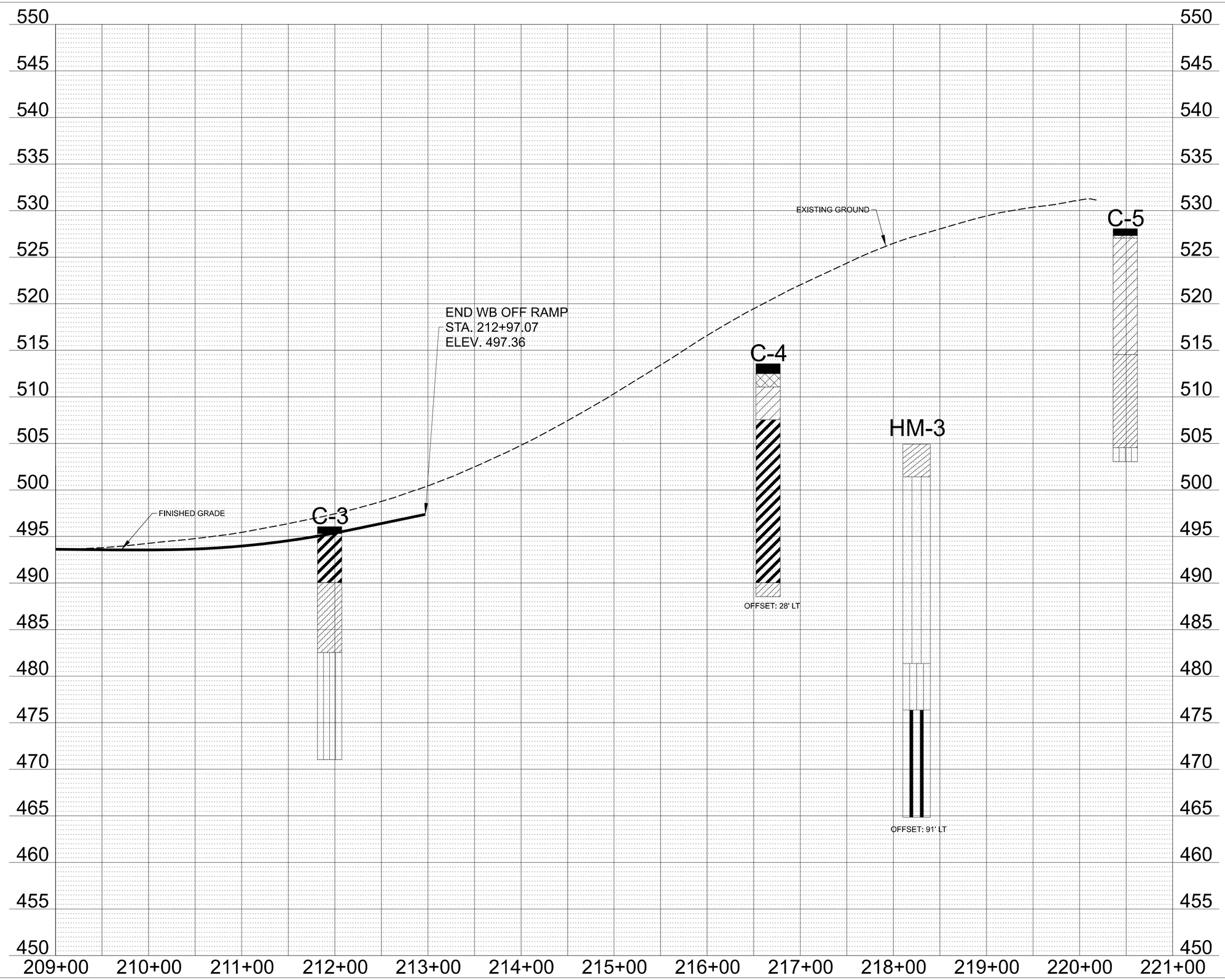
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-27
PIH	2025	39I040-S2-006	G-27
PS&E	2026	39I040-S3-006	G-27



LEGEND

- ASPHALT
- BASE MATERIAL
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- TOPSOIL
- LEAN CLAY (TYPE A MATERIAL)
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- SILTY SAND (TYPE A MATERIAL)
- CLAYEY SAND (TYPE A MATERIAL)
- POORLY-GRADED SAND WITH CLAY (TYPE A MATERIAL)
- POORLY-GRADED GRAVEL (TYPE A MATERIAL)

TYPE OF MATERIAL - SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL TAB. QTYS. SHEETS

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GEOTECHNICAL BORING PROFILE

W.B. EXIT RAMP
STA. 209+00.00 TO STA. 221+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

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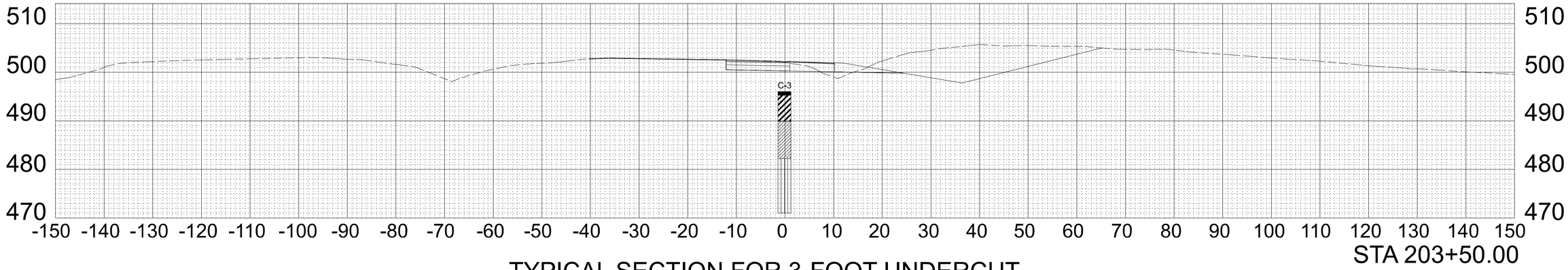
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-28
PIH	2025	39I040-S2-006	G-28
PS&E	2026	39I040-S3-006	G-28

REPRESENTATIVE SECTION

STA. 203+50.00 TO STA. 212+97.00



TYPICAL SECTION FOR 3-FOOT UNDERCUT

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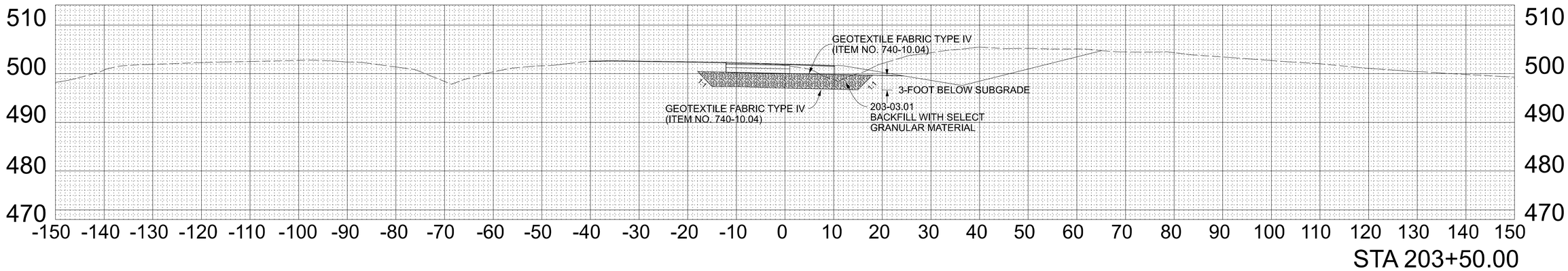

SELECT GRANULAR MATERIAL IS DEFINED AS SOIL CONFORMING TO AASHTO CLASSIFICATION OF EITHER A-1-a, A-1-b, OR A-3, WITH THE ADDITIONAL REQUIREMENT THAT NO MORE THAN 10% SOIL PARTICLES BY WEIGHT PASS THE NO. 200 (75 mm) SIEVE.

PROCESS THE MATERIAL WITH AN ACCEPTABLE METHOD THAT PRODUCES THE REQUIRED GRADATION. OBTAIN THE ENGINEER'S APPROVAL BEFORE USING THE MATERIAL.

PLACE A MINIMUM OF 3 FOOT OF SELECT GRANULAR MATERIAL BELOW PROPOSED SUBGRADE ELEVATION.

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GEOTECHNICAL
TYPICAL
SECTION
STA. 203+50.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-29
PIH	2025	39I040-S2-006	G-29
PS&E	2026	39I040-S3-006	G-29

NORTHWEST HIGH MAST TOWER (WB ENTRANCE RAMP): BORING HM-1

ZONE	SOIL TYPES	DEPTH[a] (feet from ground surface)		ELEVATION (FEET, NAVD88)		TOTAL UNIT WEIGHT (PCF)	SHEAR STRENGTH PARAMETERS				LATERAL LOAD PARAMETERS[d]	
							UNDRAINED (SHORT TERM)		DRAINED (LONG TERM)		SOIL STRAIN, e_{50}	STATIC SOIL MODULUS (PCI)[c]
		FROM	TO	FROM	TO		COHESION (PSF)	Φ (DEGREE)	EFFECTIVE COHESION (PSF)	Φ' (DEGREE)		
1	Sand	0[b]	6	515	509	120	--	32	--	32	--	90
2	Silty Sand	6	28	509	487	125	--	34	--	34	--	90
3	Elastic Silt	28	40	487	475	123	3,000	--	--	24	0.007	500

Note: Groundwater estimated at approximately 18 feet below existing ground surface elevation based on the water levels encountered in the borings. The effective unit weight should be used below the groundwater level. Subtract the density of water (62.4 pounds per cubic foot) from the total unit weight to calculate the effective unit weight.
[a] Depth in reference to ground surface at boring locations.
[b] Zero depth as measured at top of boring.
[c] Pounds per cubic inch.
[d] For lateral load analysis only.

NORTHWEST HIGH MAST TOWER (WB ENTRANCE RAMP): BORING HM-2

ZONE	SOIL TYPES	DEPTH[a] (feet from ground surface)		ELEVATION (FEET, NAVD88)		TOTAL UNIT WEIGHT (PCF)	SHEAR STRENGTH PARAMETERS				LATERAL LOAD PARAMETERS[d]	
							UNDRAINED (SHORT TERM)		DRAINED (LONG TERM)		SOIL STRAIN, e_{50}	STATIC SOIL MODULUS (PCI)[c]
		FROM	TO	FROM	TO		COHESION (PSF)	Φ (DEGREE)	EFFECTIVE COHESION (PSF)	Φ' (DEGREE)		
1	Clayey Sand	0[b]	6	512	506	120	--	28	--	28	--	90
2	Sand	6	18	506	494	125	--	35	--	35	--	225
3	Clayey Sand	18	23	494	489	127	--	34	--	34	--	90
4	Silt	23	28	489	484	123	3,000	--	--	24	0.005	1,000
5	Clayey Sand	28	40	484	472	125	--	35	--	35	--	225

Note: Groundwater was not encountered during drilling operations. The effective unit weight should be used below the groundwater level. Subtract the density of water (62.4 pounds per cubic foot) from the total unit weight to calculate the effective unit weight.
[a] Depth in reference to ground surface at boring locations.
[b] Zero depth as measured at top of boring.
[c] Pounds per cubic inch.
[d] For lateral load analysis only.

NORTHEAST HIGH MAST TOWER (WB EXIT RAMP): BORING HM-3

ZONE	SOIL TYPES	DEPTH[a] (feet from ground surface)		ELEVATION (FEET, NAVD88)		TOTAL UNIT WEIGHT (PCF)	SHEAR STRENGTH PARAMETERS				LATERAL LOAD PARAMETERS[d]	
							UNDRAINED (SHORT TERM)		DRAINED (LONG TERM)		SOIL STRAIN, e_{50}	STATIC SOIL MODULUS (PCI)[c]
		FROM	TO	FROM	TO		COHESION (PSF)	Φ (DEGREE)	EFFECTIVE COHESION (PSF)	Φ' (DEGREE)		
1	Lean Clay	0[b]	3	505	502	120	1,500	--	--	28	0.005	500
2	Silty Sand	3	23	502	482	125	--	35	--	35	--	225
3	Silt	23	28	482	477	125	2,000	--	--	28	0.005	1,000
4	Elastic Silt	28	40	477	465	123	3,000	--	--	24	0.005	1,000

Note: Groundwater was not encountered during drilling operations. The effective unit weight should be used below the groundwater level. Subtract the density of water (62.4 pounds per cubic foot) from the total unit weight to calculate the effective unit weight.
[a] Depth in reference to ground surface at boring locations.
[b] Zero depth as measured at top of boring.
[c] Pounds per cubic inch.
[d] For lateral load analysis only.

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REGISTERED ENGINEER
AGRICULTURE
No. 106527
STATE OF TENNESSEE

STATE OF TENNESSEE
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HIGH MAST LIGHT TOWER SOIL PARAMETER TABLES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	G-30
PIH	2025	39I040-S2-006	G-30
PS&E	2026	39I040-S3-006	G-30

SOUTHWEST HIGH MAST TOWER (EB EXIT RAMP): BORING HM-4

ZONE	SOIL TYPES	DEPTH[a] (feet from ground surface)		ELEVATION (FEET, NAVD88)		TOTAL UNIT WEIGHT (PCF)	SHEAR STRENGTH PARAMETERS				LATERAL LOAD PARAMETERS[d]	
							UNDRAINED (SHORT TERM)		DRAINED (LONG TERM)		SOIL STRAIN, e_{50}	STATIC SOIL MODULUS (PCI)[c]
		FROM	TO	FROM	TO		COHESION (PSF)	Φ (DEGREE)	EFFECTIVE COHESION (PSF)	Φ' (DEGREE)		
1	Clayey Sand	0[b]	13	514	501	122	--	28	--	28	--	25
2	Elastic Silt	13	40	501	474	121	3,000	--	--	24	0.005	1,000

Note: Groundwater estimated at approximately 7 feet below existing ground surface elevation based on the water levels encountered in the borings. The effective unit weight should be used below the groundwater level. Subtract the density of water (62.4 pounds per cubic foot) from the total unit weight to calculate the effective unit weight.
[a] Depth in reference to ground surface at boring locations.
[b] Zero depth as measured at top of boring.
[c] Pounds per cubic inch.
[d] For lateral load analysis only.

SOUTHEAST HIGH MAST TOWER (EB ENTRANCE RAMP): BORING HM-5

ZONE	SOIL TYPES	DEPTH[a] (feet from ground surface)		ELEVATION (FEET, NAVD88)		TOTAL UNIT WEIGHT (PCF)	SHEAR STRENGTH PARAMETERS				LATERAL LOAD PARAMETERS[d]	
							UNDRAINED (SHORT TERM)		DRAINED (LONG TERM)		SOIL STRAIN, e_{50}	STATIC SOIL MODULUS (PCI)[c]
		FROM	TO	FROM	TO		COHESION (PSF)	Φ (DEGREE)	EFFECTIVE COHESION (PSF)	Φ' (DEGREE)		
1	Silty Sand	0[b]	6	508	502	122	--	28	--	28	--	90
2	Clayey Sand	6	13	502	495	125	--	35	--	35	--	225
3	Elastic Silt	13	40	495	468	123	3,000	--	--	24	0.005	1,000

Note: Groundwater was not encountered during drilling operations. The effective unit weight should be used below the groundwater level. Subtract the density of water (62.4 pounds per cubic foot) from the total unit weight to calculate the effective unit weight.
[a] Depth in reference to ground surface at boring locations.
[b] Zero depth as measured at top of boring.
[c] Pounds per cubic inch.
[d] For lateral load analysis only.

SOUTHEAST HIGH MAST TOWER (EB ENTRANCE RAMP): BORING HM-6

ZONE	SOIL TYPES	DEPTH[a] (feet from ground surface)		ELEVATION (FEET, NAVD88)		TOTAL UNIT WEIGHT (PCF)	SHEAR STRENGTH PARAMETERS				LATERAL LOAD PARAMETERS[d]	
							UNDRAINED (SHORT TERM)		DRAINED (LONG TERM)		SOIL STRAIN, e_{50}	STATIC SOIL MODULUS (PCI)[c]
		FROM	TO	FROM	TO		COHESION (PSF)	Φ (DEGREE)	EFFECTIVE COHESION (PSF)	Φ' (DEGREE)		
1	Lean Clay	0[b]	6	499	493	118	500	--	--	28	0.010	100
2	Elastic Silt	6	40	493	459	122	3,000	--	--	24	0.005	1,000

Note: Groundwater was not encountered during drilling operations. The effective unit weight should be used below the groundwater level. Subtract the density of water (62.4 pounds per cubic foot) from the total unit weight to calculate the effective unit weight.
[a] Depth in reference to ground surface at boring locations.
[b] Zero depth as measured at top of boring.
[c] Pounds per cubic inch.
[d] For lateral load analysis only.

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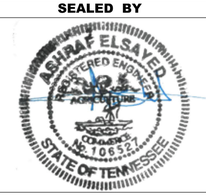

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

HIGH MAST LIGHT TOWER SOIL PARAMETER TABLES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	39I040-S2-006	LIGHTING-SIGN1
PIH	2025	39I040-S3-006	LIGHTING-SIGN1
PS&E	2026	39I040-S3-006	LIGHTING-SIGN1

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Kodi L Berger
2026.02.04 10:11:48-05'00'

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

KIMLEY-HORN AND ASSOCIATES, INC.
4525 MAIN STREET
SUITE 1000
VIRGINIA BEACH, VA 23462
KODI L. BERGER, P.E. NO. 129688

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

SHEET NAME **SHEET NO.**

SIGNATURE SHEET.....LIGHTING-SIGN1
ESTIMATED LIGHTING QUANTITIES,
SPECIAL NOTES, & INDEX SHEET.....L-1
CONTROL CENTERS AND POWER SOURCE DETAILS.....L-2
LIGHTING DETAILS (POLE DATA AND CONDUIT SCHEDULE).....L-3
PROPOSED LIGHTING LAYOUT.....L-4 - L-6

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	39I040-S2-006	L-1
PIH	2025	39I040-S3-006	L-1
PS&E	2026	39I040-S3-006	L-1

LIGHTING INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET	LIGHTING-SIGN1
ESTIMATED LIGHTING QUANTITIES, SPECIAL NOTES, & INDEX SHEET	L-1
CONTROL CENTERS AND POWER SOURCE DETAILS	L-2
LIGHTING DETAILS (POLE DATA AND CONDUIT SCHEDULE)	L-3
PROPOSED LIGHTING LAYOUT	L-4 - L-6

LIGHTING SPECIAL NOTES:

1. INSTALLATION AND MATERIALS SHALL COMPLY WITH SECTIONS 714 AND 917 OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 1, 2021 AND WITH THE LATEST REVISIONS TO THE NATIONAL ELECTRICAL CODE, NFPA 70.
2. ALL UNDERGROUND WIRING SHALL BE CONCEALED IN 2-INCH SHEDULE 40 PVC RIGID CONDUIT UNLESS OTHERWISE NOTED.
3. THE GROUND WIRE SHALL BE RUN INSIDE CONDUIT WITHIN STRUCTURES, SHALL BE COLORED GREEN AND HAVE THW INSULATION.
4. ALL INCIDENTAL EQUIPMENT AND MATERIAL REQUIRED FOR THE SUCCESSFUL EXECUTION OF THIS WORK SHALL BE FURNISHED IN 714 ITEMS WHETHER SPECIFICALLY NOTED OR NOT.
5. LIGHT STANDARDS SHALL BE ROUND TAPERED STEEL OR ALUMINUM POLES. LENGTH SHALL BE DETERMINED BY REQUIRED MOUNTING HEIGHT.
6. STANDARDS SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, FIRST EDITION (2021 AND THE UPDATED REVISIONS) THAT REQUIRE THE BASIC WIND SPEED SHALL BE 120 MPH FOR EXTREME 1 LIMIT STATE (SEE SP700SIG) AND SHALL SUPPORT A 62-POUND LUMINAIRE ON A 15-FOOT ARM.
7. ALL NEW ROADWAY LIGHT STANDARDS SHALL BE MOUNTED ON BASES WITH ACCESS DOOR. TRANSFORMER BASES SHALL MEET AASHTO SPECIFICATIONS FOR BREAKAWAY AND HAVE FHWA APPROVAL. STANDARDS SHALL BE ALUMINUM WITH TRANSFORMER BASES.
8. FOR DIRECTIONAL BORING, USE ONLY POLYETHYLENE PIPE. NO SEAMS ARE PERMITTED. CONTRACTOR SHALL USE POLYETHLYENE PIPE ADHESIVE AT JUNCTIONS.
9. POLES MAY BE ADJUSTED UP TO 5 FEET TO AVOID CONFLICTS WITH OTHER UTILITIES, DRIVEWAYS, ETC. ANY ADJUSTMENT GREATER THAN 5 FEET SHALL BE APPROVED BY THE ENGINEER.
10. INSTALLATION OF LEAD-IN POWER TO THE LIGHTING SERVICE WILL BE PAID FOR BY THE CONTRACTOR AND INSTALLED BY THE ASSOCIATED UTILITY OWNER.

ESTIMATED ROADWAY LIGHTING QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)	714-03	JACKED OR BORED CONDUIT	L.F.	1,380
	714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	L.F.	9,380
	714-05.04	PULL BOXES (TYPE C)	EACH	22
	714-06.03	CABLE (1/C #10 AWG)	L.F.	29,920
(2)	714-06.05	CABLE (1/C #6 AWG)	L.F.	17,400
	714-08.09	LIGHT STANDARDS (40' M.H.)	EACH	27
	714-08.11	LIGHT STANDARDS (HIGH MAST - 100' M.H.)	EACH	6
(3)	714-08.27	FOUNDATION FOR LIGHT STANDARDS - HIGH MAST	EACH	6
(4)	714-08.28	FOUNDATION FOR LIGHT STANDARDS - ROADWAY (40' STANDARD)	EACH	27
(5)	714-09.47	LED LUMINAIRES (126 WATT LED FOR OFFSET POLES)	EACH	27
(5,6)	714-09.64	LED LUMINAIRES-HIGH MAST (4 LUMINAIRES @90 DEGREES, 199W)	EACH	2
(5,6)	714-09.65	LED LUMINAIRES-HIGH MAST (4 LUMINAIRES @90 DEGREES, 295W)	EACH	4
	714-12.01	CONTROL CENTER (NO. 1)	L.S.	1
	714-12.02	CONTROL CENTER (NO. 2)	L.S.	1
(7)	714-25.01	ELECTRICAL CONNECTION (CONTROL CENTER NO. 1)	L.S.	1
(7)	714-25.02	ELECTRICAL CONNECTION (CONTROL CENTER NO. 2)	L.S.	1

FOOTNOTES - LIGHTING

(1) DIRECTIONAL BORING ONLY.

(2) #6 AWG CONDUCTORS TO BE INSTALLED AS GROUND CONDUCTOR FOR ALL CIRCUITS.

(3) HIGH MAST FOUNDATIONS TO BE DESIGNED BY CONTRACTOR. SEE STANDARD DRAWING T-L-1.

(4) SEE STANDARD DRAWING T-L-1.

(5) HOLOPHANE FIXTURE WITH THE FOLLOWING SPECIFICATIONS SHALL BE USED FOR THIS PROJECT:
- HIGH MAST FIXTURES: HOLOPHANE HMLED4 P1 50K MVOLT AW, HOLOPHANE HMLED4 P2 50K MVOLT AW
- OFFSET FIXTURES: HOLOPHANE MGLEDM P2 50K MVOLT WR
CONTRACTOR TO SUBMIT FIXTURE ORDERING INFORMATION TO ENGINEER FOR APPROVAL PRIOR TO ORDERING.

(6) ALL THE HIGH MAST ARRANGEMENTS SHALL BE 4 LUMINAIRES @ 90 DEGREES.

(7) ELECTRICAL CONNECTION TO BE PROVIDED AS FOLLOWS:
LEXINGTON ELECTRIC SYSTEM
CONTACT: BRAD JONES
OFFICE PHONE: 731 968 3662
EMAIL: BJONES@LEXINGTONELECTRIC.COM

ELECTRICAL CONNECTION TO INCLUDE:
-ELECTRICAL SERVICE (120/240V 175A)
-COORDINATION WITH AND PAYMENT TO UTILITY COMPANY FOR CONNECTION FROM METER TO OVERHEAD POWER

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02/04/2026

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DEPARTMENT OF TRANSPORTATION

ESTIMATED LIGHTING QUANTITIES, SPECIAL NOTES, & INDEX SHEET

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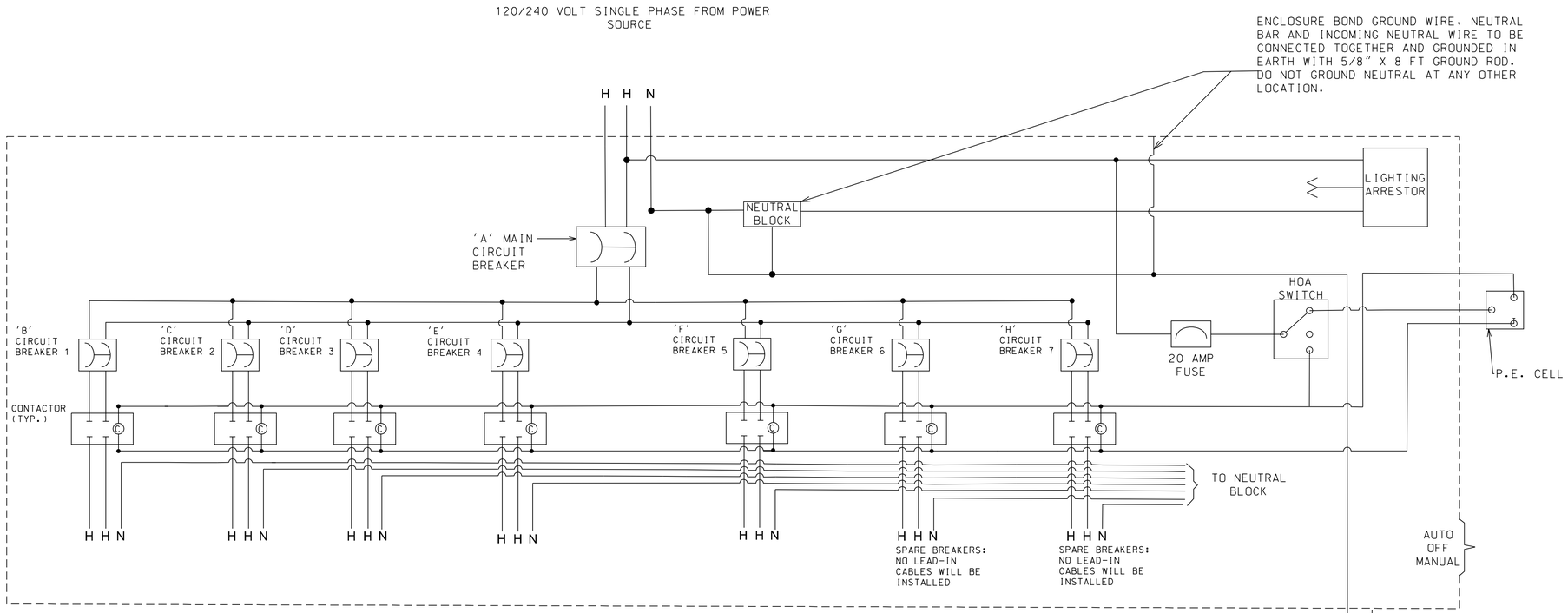
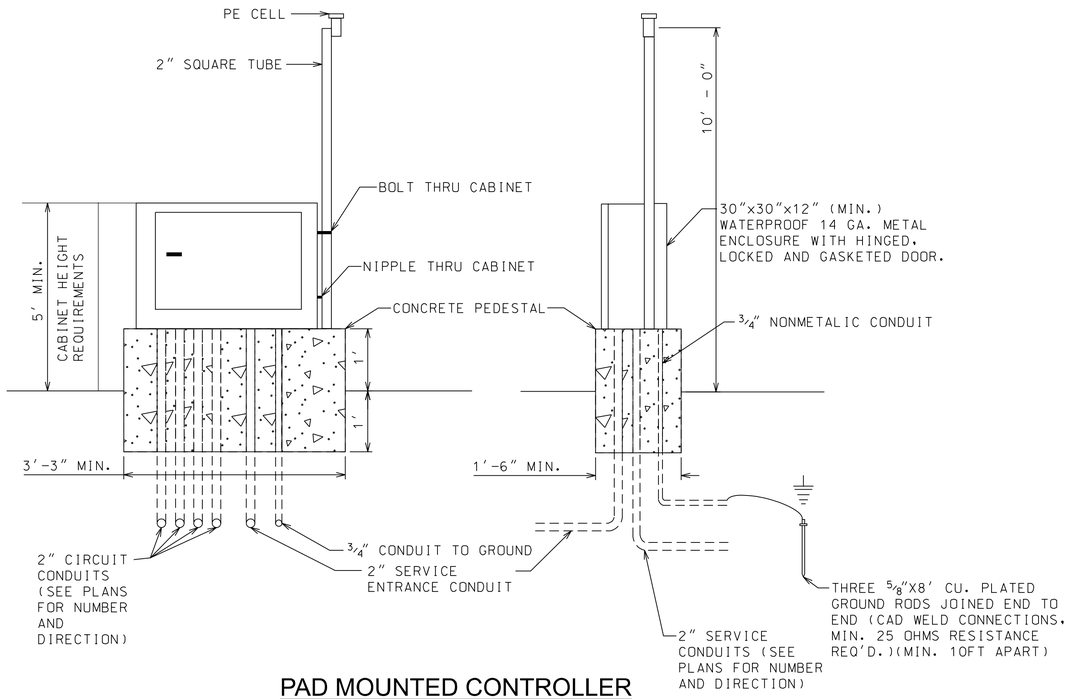
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	391040-S2-006	L-2
PIH	2025	391040-S3-006	L-2
PS&E	2026	391040-S3-006	L-2



WIRING SCHEMATIC LIGHTING CONTROL CENTERS



PAD MOUNTED CONTROLLER CONSTRUCTION DETAIL

N.T.S

CONTROL CENTER SCHEDULE

CONTROL CENTER NO.	MAIN CIRCUIT BREAKER (AMPS) 'A'	BRANCH CIRCUIT BREAKERS (AMPS) CIR. 1 'B'	CIR. 2 'C'	CIR. 3 'D'	CIR. 4 'E'	CIR. 5 'F'	CIR. 6 'G'	CIR. 7 'H'
LCC 1	175	20	20	20	20	20	20 (SPARE)	20 (SPARE)
LCC 2	175	20	20	20	20	20	20 (SPARE)	20 (SPARE)

CONTROL CENTER NOTES:

1. UP TO 4 GROUND RODS MAY BE REQUIRED. CONTRACTOR TO INSTALL NUMBER OF GROUND RODS REQUIRED TO ACHIEVE MINIMUM 25 OHMS RESISTANCE. A MINIMUM OF 2 GROUND RODS ARE REQUIRED.
2. CONTRACTOR TO INSTALL ONE SPARE 2" CONDUIT. SPARE CONDUIT TO EXTEND 24" BEYOND FOUNDATION AND CAPPED.
3. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND INSTALLATION UP TO AND INCLUDING WEATHERHEAD.
4. CONTRACTOR TO COORDINATE FINAL LOCATION OF CONTROL CENTERS WITH ELECTRICAL SERVICE PROVIDER AND THE ENGINEER.
5. CONTRACTOR SHALL INSTALL A DISCONNECT FOR EACH CONTROL CENTER AS DIRECTED BY THE ELECTRICAL SERVICE PROVIDER AND THE ENGINEER.
6. CONTRACTOR SHALL CONTACT THE ELECTRICAL SERVICE PROVIDER FOR DEPARTMENT REQUIREMENTS.
7. THE CONTROL CABINET SHALL BE INSTALLED IN SUCH A MANNER AS TO MAINTAIN A STANDING WORKING HEIGHT. PERSONNEL WORKING ON THE CABINET SHALL BE ABLE TO WORK ON THE BACINET WHILE STANDING
8. CONTROL CENTER SCHEDULE SHALL BE PROVIDED BY ENGINEER IN COORDINATION WITH ELECTRICAL SERVICE PROVIDER.

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02/04/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CONTROL CENTERS & POWER SOURCE DETAILS

2/4/2026 7:08:45 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	39I040-S2-006	L-3
PIH	2025	39I040-S3-006	L-3
PS&E	2026	39I040-S3-006	L-3

OFFSET ROADWAY LIGHT POLE SCHEDULE

LIGHT POLE #	SHEET #	LUM. WATTAGE	VOLTAGE (V)	NO. OF LAMPS	LCC	CIRCUIT NO.	LCC STATION	LCC OFFSET	LCC SIDE	MOUNTING HEIGHT (FT)	NORTHING	EASTING	BASELINE	STATION	OFFSET	SIDE
LP1	L-4	A	240	1	LCC1	1	1013+91.21	174.79	LT	40'	526625.8700	1220644.7700	I-40	992+12.07	82.53	LT
LP2	L-4	A	240	1	LCC1	1	1013+91.21	174.79	LT	40'	526659.2600	1220825.1200	I-40	993+95.45	82.55	LT
LP3	L-4	A	240	1	LCC1	1	1013+91.21	174.79	LT	40'	526694.3300	1221010.4700	I-40	995+84.19	83.25	LT
LP4	L-4	A	240	1	LCC2	1	1014+18.45	172.19	RT	40'	526506.6800	1221069.3300	I-40	996+08.21	102.15	RT
LP5	L-4	A	240	1	LCC1	1	1013+91.21	174.79	LT	40'	526730.6200	1221195.7900	I-40	997+72.95	85.12	LT
LP6	L-4	A	240	1	LCC2	1	1014+18.45	172.19	RT	40'	526548.2200	1221261.5800	I-40	998.04.83	96.29	RT
LP7	L-4	A	240	1	LCC1	1	1013+91.21	174.79	LT	40'	526764.8000	1221378.6400	I-40	999+59.93	85.44	LT
LP8	L-4	A	240	1	LCC2	1	1014+18.45	172.19	RT	40'	526582.5500	1221455.8400	I-40	1000+02.10	97.96	RT
LP9	L-4	A	240	1	LCC1	1	1013+91.21	174.79	LT	40'	526805.2600	1221562.8500	I-40	1001+47.20	92.36	LT
LP10	L-4	A	240	1	LCC2	1	1014+18.45	172.19	RT	40'	526616.5000	1221639.0100	I-40	1001+88.36	98.00	RT
LP11	L-4	A	240	1	LCC1	1	1013+91.21	174.79	LT	40'	526840.1000	1221741.0700	I-40	1003+28.65	92.90	LT
LP12	L-4	A	240	1	LCC2	1	1014+18.45	172.19	RT	40'	526650.1000	1221820.2400	I-40	1003+72.74	98.00	RT
LP13	L-4	A	240	1	LCC1	1	1013+91.21	174.79	LT	40'	526876.2300	1221925.2300	I-40	1005+16.50	95.35	LT
LP14	L-4	A	240	1	LCC2	1	1014+18.45	172.19	RT	40'	526683.5500	1222003.1500	I-40	1005+58.62	98.44	RT
LP15	L-5	A	240	1	LCC1	2	1013+91.21	174.79	LT	40'	527210.9300	1223754.9900	I-40	1023+76.40	91.01	LT
LP16	L-6	A	240	1	LCC2	2	1014+18.45	172.19	RT	40'	527043.9500	1223912.6900	I-40	1025+01.90	92.06	RT
LP17	L-6	A	240	1	LCC1	2	1013+91.21	174.79	LT	40'	527238.9800	1223936.6700	I-40	1025+60.41	85.46	LT
LP18	L-6	A	240	1	LCC2	2	1014+18.45	172.19	RT	40'	527076.8400	1224093.4500	I-40	1026+85.67	92.67	RT
LP19	L-6	A	240	1	LCC1	2	1013+91.21	174.79	LT	40'	527272.3800	1224120.3500	I-40	1027+47.11	84.82	LT
LP20	L-6	A	240	1	LCC2	2	1014+18.45	172.19	RT	40'	527108.2400	1224271.8800	I-40	1028+66.63	94.31	RT
LP21	L-6	A	240	1	LCC1	2	1013+91.21	174.79	LT	40'	527320.4800	1224302.0300	I-40	1029+34.59	95.96	LT
LP22	L-6	A	240	1	LCC2	2	1014+18.45	172.19	RT	40'	527138.2800	1224453.9400	I-40	1030+51.30	97.96	RT
LP23	L-6	A	240	1	LCC1	2	1013+91.21	174.79	LT	40'	527354.5000	1224485.7300	I-40	1031+21.41	98.94	LT
LP24	L-6	A	240	1	LCC2	2	1014+18.45	172.19	RT	40'	527171.9400	1224632.3900	I-40	1032+32.84	97.39	RT
LP25	L-6	A	240	1	LCC1	2	1013+91.21	174.79	LT	40'	527383.0400	1224671.3700	I-40	1033+09.49	93.08	LT
LP26	L-6	A	240	1	LCC2	2	1014+18.45	172.19	RT	40'	527208.1500	1224809.6900	I-40	1034+12.56	95.04	RT
LP27	L-6	A	240	1	LCC2	2	1014+18.45	172.19	RT	40'	527248.0000	1224988.8900	I-40	1035+94.70	92.30	RT

WATTAGE "A" (126W) BASED ON OFFSET FIXTURE USED IN DESIGN: HOLOPHANE MGLEDM P2 50K MVOLT WR

HIGH MAST LIGHT POLE SCHEDULE

LIGHT POLE #	SHEET #	LUM. WATTAGE	VOLTAGE (V)	NO. OF LAMPS	LCC	CIRCUIT NO.	LCC STATION	LCC OFFSET	LCC SIDE	MOUNTING HEIGHT (FT)	NORTHING	EASTING	BASELINE	STATION	OFFSET	SIDE
HM1	L-5	C	240	4	LCC1	3	1013+91.21	174.79	LT	100'	526945.7800	1222339.3700	I-40	1009+36.72	93.19	LT
HM2	L-5	B	240	4	LCC1	4	1013+91.21	174.79	LT	100'	527095.6300	1222680.4100	I-40	1012+99.34	178.39	LT
HM3	L-5	C	240	4	LCC1	5	1013+91.21	174.79	LT	100'	527114.0100	1223158.6200	I-40	1017+72.85	109.30	LT
HM4	L-5	C	240	4	LCC2	3	1014+18.45	172.19	RT	100'	526773.2800	1222574.4800	I-40	1011+36.43	119.25	RT
HM5	L-5	B	240	4	LCC2	4	1014+18.45	172.19	RT	100'	526805.9700	1222951.3200	I-40	1015+12.92	155.79	RT
HM6	L-5	C	240	4	LCC2	5	1014+18.45	172.19	RT	100'	526963.5300	1223454.5800	I-40	1020+36.47	92.60	RT

WATTAGE "B" (199W) BASED ON HIGH MAST FIXTURE USED IN DESIGN: HOLOPHANE HMLED4 P1 50K MVOLT AW

WATTAGE "C" (295W) BASED ON HIGH MAST FIXTURE USED IN DESIGN: HOLOPHANE HMLED4 P2 50K MVOLT AW

CONDUIT AND CONDUCTOR SCHEDULE								
CONDUCTOR RUN NO.			1	2	3	4	5	6
CONDUIT SIZE			2"	(2) 2"	2"	2"	(2) 2"	2"
CONDUIT TYPE			P	H	P	P	H	P
AWG	#6*	1C	1	1	4	4	7	10
	#10	1C	3	3	0	3	3	6

P - PVC CONDUIT
H - HDPE BORED CONDUIT (DIRECT BURIAL SCH. 80 PVC MAY BE USED AS AN ALTERNATIVE)
* - ALL GROUNDING CONDUCTORS ARE #6 AWG

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS
(POLE DATA AND
CONDUIT SCHEDULE)

2/4/2026 7:09:27 AM
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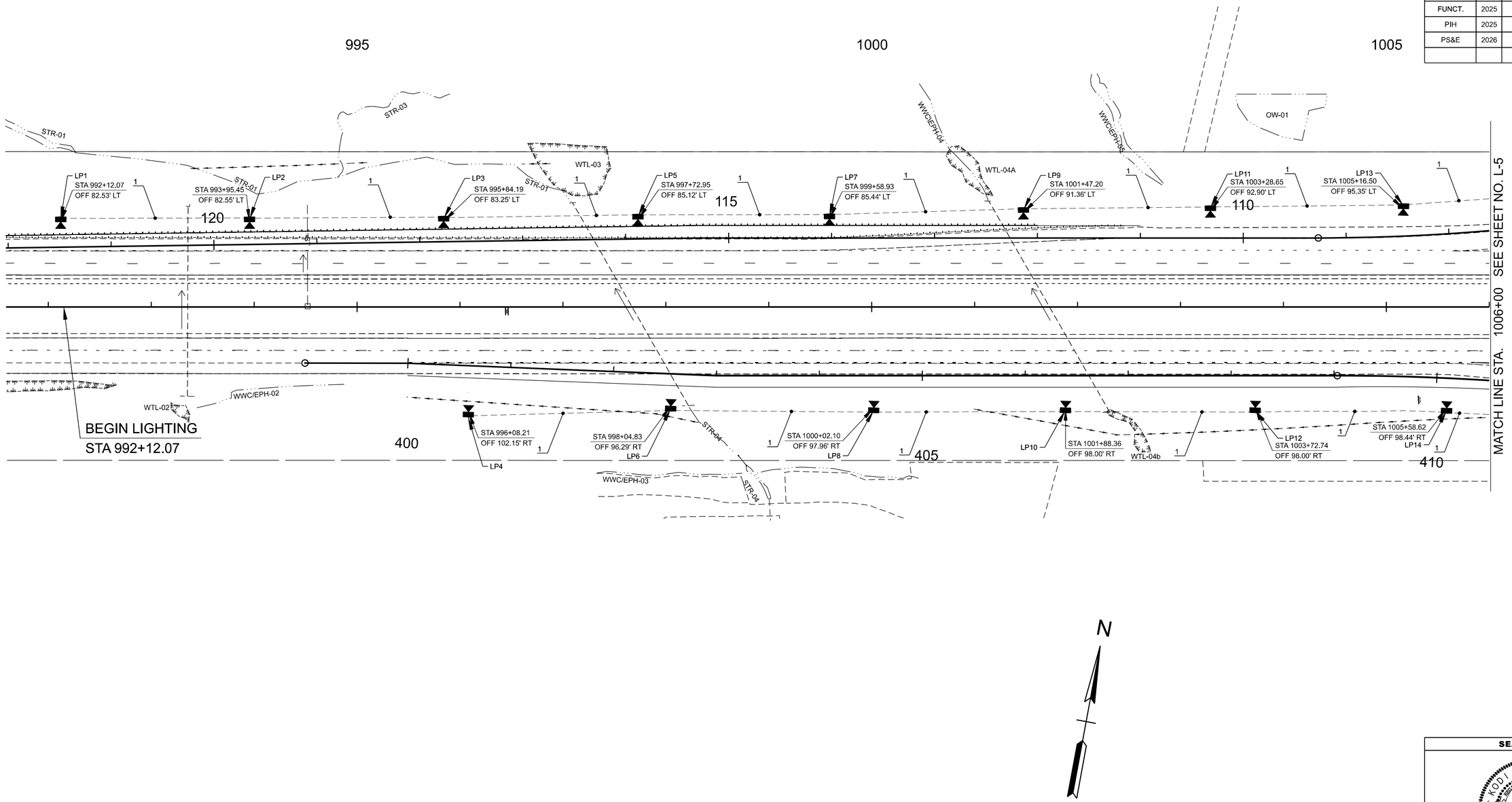
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	39I040-S2-006	L-4
PIH	2025	39I040-S3-006	L-4
PS&E	2026	39I040-S3-006	L-4



LEGEND

- PROP. HIGH MAST LUMINAIRE ON NEW METAL POLE
- PROP. OFFSET LUMINAIRE ON NEW METAL POLE
- PROP. PULL BOX (TYPE C)
- PROP. TRENCHED CONDUIT
- PROP. DIRECTIONAL DRILL CONDUIT
- PROP. LIGHTING CONTROL CENTER
- # PROP. LIGHTING CIRCUIT RUN

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02/04/2026

COORDINATES ARE NAD 83(2011), ARE
DATUM ADJUSTED BY THE FACTOR
OF 1.00007 AND TIED TO THE TGRN.
ALL ELEVATIONS ARE REFERENCED
TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING LAYOUT

STA. 992+12.07 TO STA. 1006+00.00
SCALE: 1" = 50'

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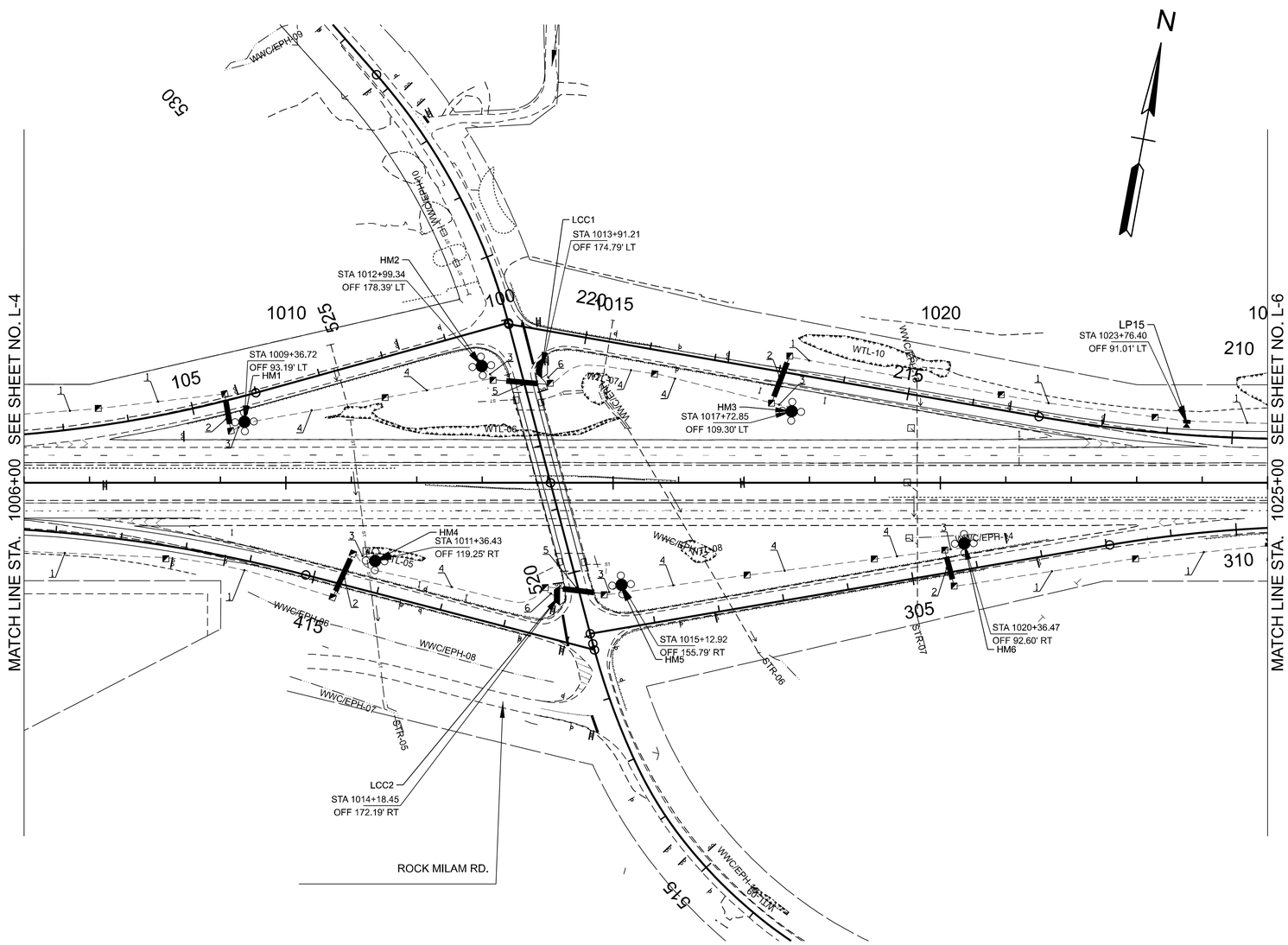
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	39I040-S2-006	L-5
PIH	2025	39I040-S3-006	L-5
PS&E	2026	39I040-S3-006	L-5

LEGEND

- PROP. HIGH MAST LUMINAIRE ON NEW METAL POLE
- PROP. OFFSET LUMINAIRE ON NEW METAL POLE
- PROP. PULL BOX (TYPE C)
- PROP. TRENCHED CONDUIT
- PROP. DIRECTIONAL DRILL CONDUIT
- PROP. LIGHTING CONTROL CENTER
- PROP. LIGHTING CIRCUIT RUN



SEALED BY

KODI L. BERGEN
LICENSED LANDSCAPE ARCHITECT
AGRICULTURE
COMMERCE
No. 1296(18)
STATE OF TENNESSEE

02/04/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING LAYOUT

STA. 1006+00.00 TO STA. 1025+00.00
SCALE: 1" = 100'

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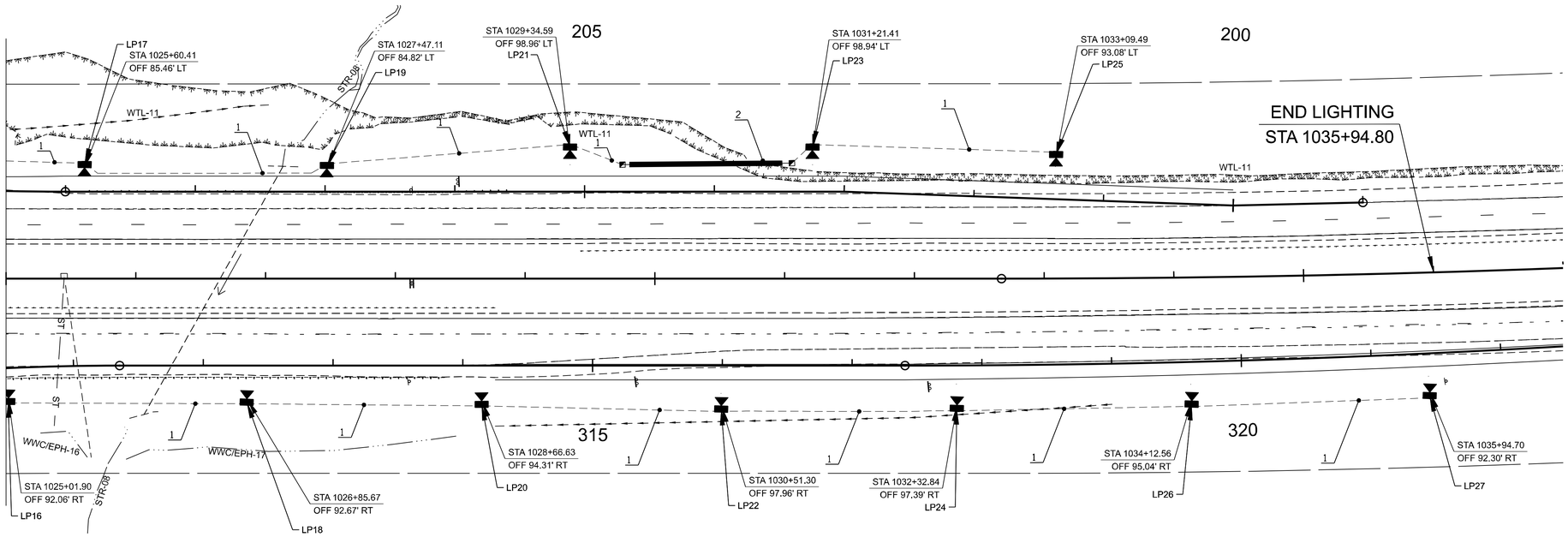
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	39I040-S2-006	L-6
PIH	2025	39I040-S3-006	L-6
PS&E	2026	39I040-S3-006	L-6



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LEGEND

- PROP. HIGH MAST LUMINAIRE ON NEW METAL POLE
- PROP. OFFSET LUMINAIRE ON NEW METAL POLE
- PROP. PULL BOX (TYPE C)
- PROP. TRENCHED CONDUIT
- PROP. DIRECTIONAL DRILL CONDUIT
- PROP. LIGHTING CONTROL CENTER
- PROP. LIGHTING CIRCUIT RUN

SEALED BY

KODI L. BERGNER
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 129668
STATE OF TENNESSEE

02/04/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING LAYOUT

STA. 1025+00.00 TO STA. 1037+00.00
SCALE: 1" = 50'

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.E.	2022	39I040-S1-004	
PS&E	2026	39I040-S3-006	S-1

SWPPP INDEX OF SHEETS

DESCRIPTION	SHT.
1. SWPPP REQUIREMENTS (5.0.)	1
2. SITE DESCRIPTION (5.5.1.)	1
3. ORDER OF CONSTRUCTION ACTIVITIES (5.5.1.a)	1
4. STREAM, OUTFALL, WETLAND, TMDL AND ECOLOGY INFORMATION	1
5. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (5.5.3.)	2
6. FLOCCULANTS (3.5.3.1.b)	3
7. UTILITY RELOCATION	3
8. MAINTENANCE AND INSPECTION	4
9. SITE ASSESSMENTS (5.5.3.8.)	4
10. STORMWATER MANAGEMENT (5.5.3.11.h)	4
11. NON-STORMWATER DISCHARGES (5.5.3.12.)	5
12. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (5.5.3.7.c, 6.1)	5
13. RECORD-KEEPING	6
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15. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (8.7.6.)	7
16. ENVIRONMENTAL PERMITS (1.5.2.)	7
17. OUTFALL TABLE (5.5.1.c, 6.4.1.e, 6.4.1.f)	8

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): 52.00 ACRES

2.3. TOTAL AREA TO BE DISTURBED (5.5.1.b): 16.5 ACRES

2.4. PROJECT DESCRIPTION (5.5.1.a):

TITLE: I-40 Interchange @ S.R. 104 (exit 101)
COUNTY: Henderson County
PIN: 133484.00

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) 24a-24d, DRAINAGE MAP SHEET(S) 17, 18, 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. NO MORE THAN 50 ACRES OF ACTIVE SOIL DISTURBANCE IS ALLOWED AT ANY TIME DURING THE CONSTRUCTION OF THE PROJECT.

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

IF YES, LIST THE CORRESPONDING PLAN SHEET: NA

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)
Dn	C/D	2.7	.49
Dp	D	19	.49
Dt	D	5.3	.37
Dw	D	1.4	.49
Dx	D	17.3	.49
Ga	C	11.2	.20
Gc	B	2.8	.43
Gd	B	3.7	.43
Ie	B/D	10.2	.43
Ls	B	26.5	.43

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
IMPERVIOUS	13.5	25.96	98	0.9
PERVIOUS	38.5	74.04	66	0.3
TOTAL	52.00	100	NA	NA
WEIGHTED CURVE NUMBER OR C-FACTOR =			74	0.5

RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS				
AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
IMPERVIOUS	14.61	28.10	98	0.9
PERVIOUS	37.39	71.90	66	0.3
TOTAL	52.00	100	NA	NA
WEIGHTED CURVE NUMBER OR C-FACTOR =			75	0.5

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 NA)

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.

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
- ☐ 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-01	Cane Creek	NO	NO	YES	YES
STR-02	Cane Creek	NO	NO	YES	YES
STR-03	Cane Creek	NO	NO	YES	YES
STR-04	Cane Creek	NO	No	YES	YES
STR-05	Cane Creek	NO	NO	NO	YES
STR-06	Cane Creek	NO	NO	NO	YES
STR-07	Cane Creek	NO	NO	NO	YES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.E.	2022	39I040-S1-004	
PS&E	2026	39I040-S3-006	S-2

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-08	Cane 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		
TDOT STATE WATER LABEL FROM EBR	LOCATED WITHIN PROJECT LIMITS (YES OR NO)	LOCATED WITHIN ≤ 1 FLOW MILE DOWN GRADIENT OF PROJECT LIMITS (YES OR NO)
NA	NA	NA

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-03	996+73.29, 143.85' LT.	997+41.51, 125.02' LT.	0.0325	0.0235
WTL-04a	1000+85.10, 132.45' LT.	1001+05.46, 131.27' LT.	0.0098	0.0087
WTL-04b	1002+61.23, 141.12' RT	1002+70.44, 138.20' RT.	0.0003	0.0092
WTL-11	1024+52.91, 158.14' LT.	1035+47.76, 78.97' LT.	0.1572	0.2321

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) NA.

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) NA.

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)

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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

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 NA. 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 23 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 _____ (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 (5.5.3.1.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

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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, 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. 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).

8.1.8. 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).

8.1.9. 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”).

8.1.10. 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).

8.1.11. 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.

8.1.12. 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.

8.1.13. 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): _____

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

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☒ PIPE CULVERTS (I.E. CONCRETE, CORRUGATED METAL, HDPE, ETC.)
☒ MINERAL AGGREGATES, ASPHALT
☒ EARTH
☒ LIQUID TRAFFIC STRIPING MATERIALS, PAINT
☒ 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: NA

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

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DEPARTMENT OF TRANSPORTATION

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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.

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

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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

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

January 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 IARAP	YES	NRS #25.102	9/24/2030
CORPS OF ENGINEERS (USACE)	YES	MWM-2025-142	9/26/2030
TVA 26A	NA	NA	NA
TDEC CGP	YES	NA	NA
OTHER:	NA	NA	NA

*THE TDOT ENVIRONMENTAL DIVISION MUST BE NOTIFIED SIX MONTHS PRIOR TO PERMIT EXPIRATION DATE.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.E.	2022	39I040-S1-004	
PS&E	2026	39I040-S3-006	S-8

17. OUTFALL TABLE (5.5.1.c, 6.4.1.e, 6.4.1.f)

OUTFALL LABEL	SUB OUT-FALL	STATION CL, LT OR RT	SLOPE WITHIN ROW (%)	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		984+00 CL	0.150	1.41	0.190/1.13	0.190/1.13	N/A	N/A	STR-01	
2		994+50 CL	0.150	1.62	0.230/1.22	0.230/1.22	N/A	N/A	STR-01	
	2A	994+50 LT	0.230		1.22	0.230/1.22	N/A	N/A	STR-01	
	2B	114+50 RT	0.095	1.66	0.118/0.92	0.118/0.92	N/A	N/A	WWC-03	
	2C	112+50 LT	0.118		2.90	0.118/2.90	N/A	N/A	WWC-04	
	2D	407+00 RRT	0.113		2.45	0.113/2.45	N/A	N/A	WWC-04	
3		664+50 RT	0.076	0.98	0.277/1.02	0.277/1.02	N/A	N/A	STR-01	
4		517+00 RT	0.158	0.76	0.130/0.79	0.130/0.79	N/A	N/A	WWC-07	
5		305+00 CL	0.150	1.87	0.167/1.51	0.167/1.51	N/A	N/A	WTL-10	
6		1025+50 CL	0.150	2.51	0.177/2.81	0.177/2.81	N/A	N/A	WWC-16	
7		314+25 RT	0.151	1.49	0.147/1.80	0.147/1.80	N/A	N/A	WWC-17	
8		1027+25 LT	0.157		1.81	0.157/1.81	N/A	N/A	STR-08	
	8A	128+25 LT	0.107		0.77	0.107/0.77	N/A	N/A	STR-08	
	8B	1030+00 LT	0.197		2.45	0.197/2.45	N/A	N/A	WTL-11	

ALL UNUSED FIELDS WITHIN THE OUTFALL TABLE ARE TO BE SHADED, HATCHED, OR REMOVED TO INDICATE THEIR NON-USAGE.

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Index Of Sheets	
SHEET NAME	SHEET NO.
UTILITIES INDEX, UTILITIES OWNERS, AND UTILITIES SHEETS;	U1-1

PIN: 133484.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	39I040-S3-006	U1-1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

HENDERSON COUNTY

I-40 INTERCHANGE @ S.R. 104

STATE HIGHWAY NO. F.A.H.S. NO. I-40

CONTRACT TYPE	UTILITY	UTILITY OWNERS & CONTACTS:
NO CONFLICT	TELEPHONE FIBER OPTIC	AT&T DANIEL POTTS 315 E. COLLEGE STREET JACKSON, TN. 38301 901-488-2359 dp7607@att.com
NO CONFLICT	WATER	CEDAR GROVE UTILITY DISTRICT TIM FULLINGTON 3100 HIGHWAY 220 LAVINIA, TN. 38348 731-987-2217 cgudwater@gmail.com
NO CONFLICT	ELECTRIC	LEXINGTON ELECTRIC SYSTEM BRAD JONES 92 S. MAIN ST. LEXINGTON, TN. 38351 731-967-7319 bjones@lexingtonelectric.com
NO CONFLICT	GAS	LEXINGTON UTILITIES JUSTIN ROACH 54 MONROE ST. LEXINGTON, TN. 38351 731-968-5213 justin.roach@lexingtontn.gov

SEALED BY

SPECIAL NOTES

SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE SYSTEM, INC. AT 1-800-351-1111.

STATE OF TENNESSEE
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UTILITY INDEX
AND
UTILITY OWNERS

14-AUG-2025 13:45
C:\Users\JJ09101\OneDrive - Tennessee\U-1-Sheets\Henderson County\133484-00-Henderson-SR-104-U1.dgn