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**ERIC STEVEN BROWN**  
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Date: 2026.04.01 11:11:30 -05'00'

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TENNESSEE DEPARTMENT OF TRANSPORTATION  
ADMINISTRATION BUILDING, FIRST FLOOR  
300 BENCHMARK PLACE  
JACKSON, TN, 38301  
ERIC S. BROWN, P.E. NO. 120440

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 .....	ROADWAY-SIGN1
TITLE SHEET .....	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS .....	1A
STANDARD TRAFFIC DESIGN DRAWINGS .....	1A2
ESTIMATED ROADWAY QUANTITIES .....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2B, 2B1
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
TABULATED QUANTITIES.....	2F, 2F1
RIGHT-OF-WAY NOTES, UTILITY NOTES AND UTILITY OWNERS.....	3
PROPERTY MAP(S) AND RIGHT-OF-WAY ACQUISITION TABLE(S).....	3A – 3D
PRESENT LAYOUT(S).....	4 – 6
RIGHT OF WAY DETAILS.....	4A – 6A
PROPOSED LAYOUT(S).....	4B – 6B
PROPOSED PROFILE(S).....	4C – 6C
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE(S).....	7
DRAINAGE MAP(S).....	8 – 10
EROSION PREVENTION AND SEDIMENT CONTROL PLANS .....	11, 12-14B
SIGNING AND PAVEMENT MARKING PLAN(S).....	15 – 17
SIGN SCHEDULE SHEET(S).....	18
ROADWAY CROSS SECTIONS .....	19 – 44
TRAFFIC CONTROL PLANS .....	T1-T4B

YEAR	PROJECT NO.	SHEET NO.
2026	HSIP-3(150)	ROADWAY-SIGN1

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE  
SHEET**

01-APR-2026 09:45  
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Index Of Sheets  
SEE SHEET NO. 1A

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING

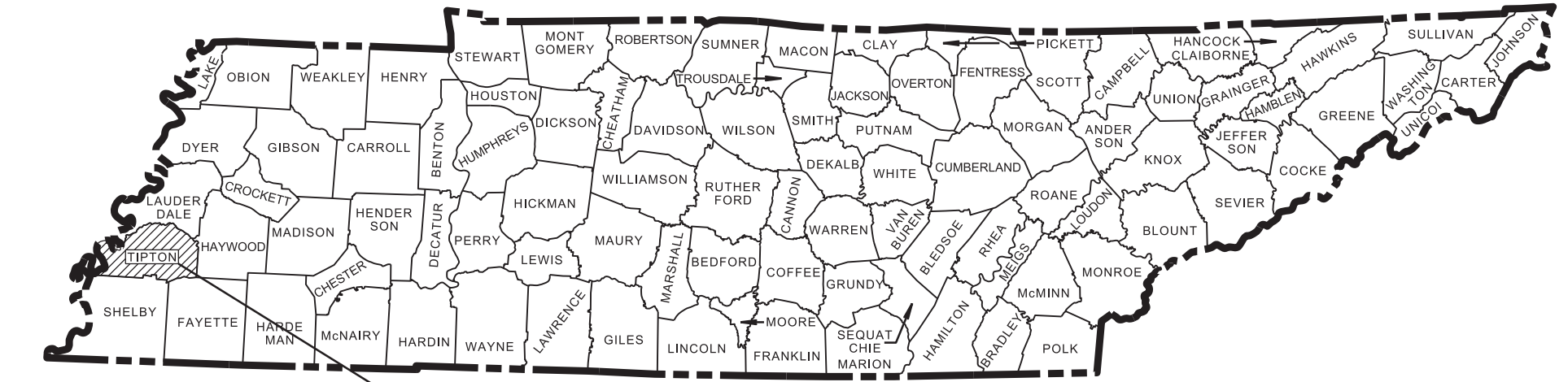
**TIPTON COUNTY**

SR-3 (US-51)  
FROM: L.M. 7.00 (NORTH OF MYRON CREEK)  
TO: L.M. 8.00 (SOUTH OF OLD HWY 51 SOUTH)

PS&E  
GRADE, DRAIN, PAVE, GUARDRAIL, SIGNS AND PAVEMENT MARKING  
STATE HIGHWAY NO. 3 U.S. NO. 51

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

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	HSIP-3(150)	
STATE PROJ. NO.	84102-3216-94	



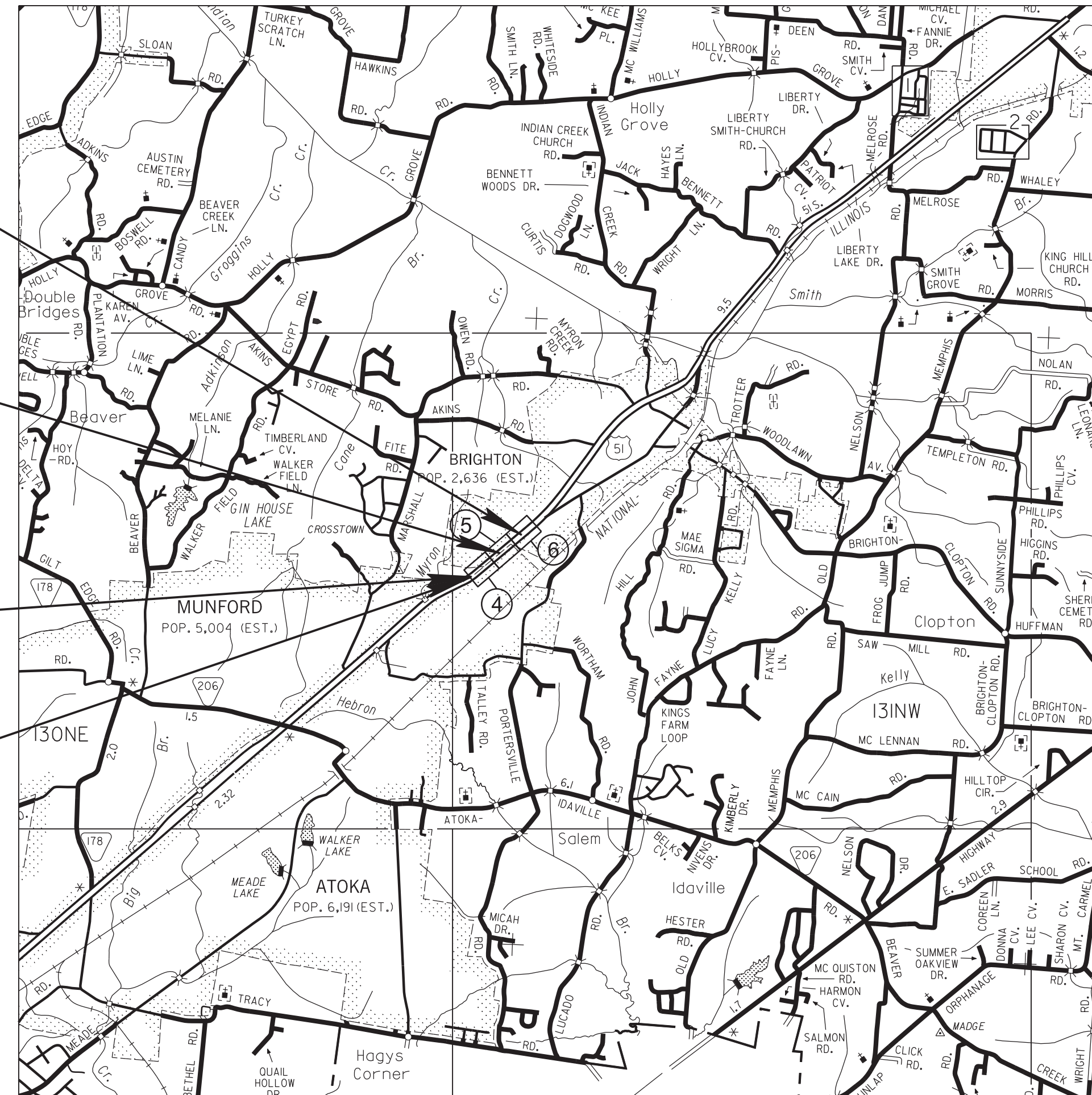
PROJECT LOCATION

HSIP-3(150)  
END PROJECT NO. 84102-3216-94 CONST.  
STA. 162+55.33  
N 435890.4600 E 852137.4990

HSIP-3(150)  
END PROJECT NO. 84102-2216-94 R.O.W.  
STA. 152+50.74  
N 435234.6948 E 851376.4572

HSIP-3(150)  
BEGIN PROJECT NO. 84102-2216-94 R.O.W.  
STA. 136+15.89  
N 434168.2860 E 850137.3041

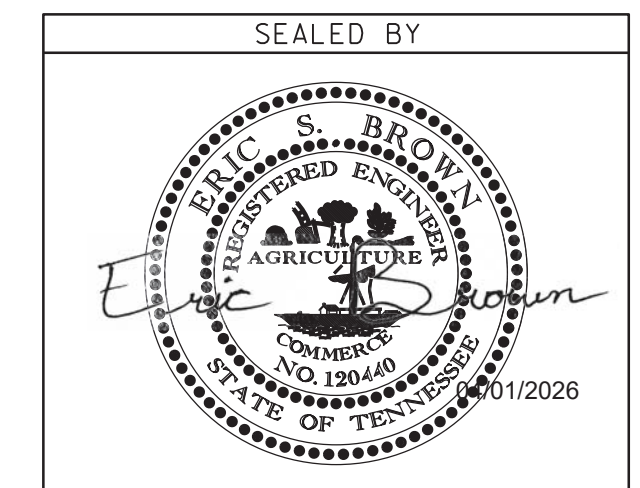
HSIP-3(150)  
BEGIN PROJECT NO. 84102-3216-94 CONST.  
STA. 134+99.79  
N 434093.3852 E 850048.6046




NO EXCLUSIONS


ROAD TO BE  
CONSTRUCTED WHILE  
UNDER TRAFFIC

PROJECT OF LIMITED SCOPE



APPROVED:   
SHANE HESTER, CHIEF ENGINEER

DATE: \_\_\_\_\_

APPROVED:   
WILL REID, COMMISSIONER

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED APRIL 1, 2026 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT PROJECT MANAGER: ELI JONES, REG. 4  
DESIGNER: PATRICK LEPPOLD, REG. 4 CHECKED BY: ERIC S. BROWN, P.E., REG. 4  
P.E. NO. 84102-1216-94 (DESIGN)  
PIN NO. 126981.00

SCALE: 1"= 5280'



R.O.W. LENGTH	0.309 MILES
ROADWAY LENGTH	0.521 MILES
BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES
PROJECT LENGTH	0.521 MILES

SURVEY 10-10-2019	TRAFFIC DATA	
UPDATED 06-02-20	ADT (2026)	19,110
UPDATED 04-22-24	ADT (2046)	25,220
	DHV (2046)	2,522
	D	55 - 45
	T (ADT)	8 %
	T (DHV)	5 %
	V	60 MPH

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

# ROADWAY INDEX

# STANDARD ROADWAY DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	1A
PS&E	2026	HSIP-3(150)	1A

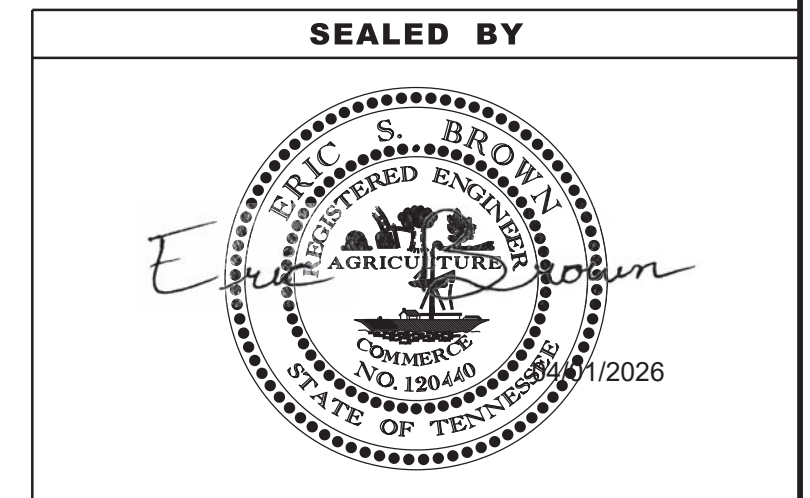
SHEET NAME	SHEET NO.
SIGNATURE SHEET .....	ROADWAY-SIGN1
TITLE SHEET .....	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS .....	1A
STANDARD TRAFFIC DESIGN DRAWINGS .....	1A2
ESTIMATED ROADWAY QUANTITIES .....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2B, 2B1
GENERAL NOTES .....	2C
SPECIAL NOTES .....	2D
ENVIRONMENTAL NOTES .....	2E
TABULATED QUANTITIES .....	2F, 2F1
RIGHT-OF-WAY NOTES, UTILITY NOTES, AND UTILITY OWNERS .....	3
PROPERTY MAP(S) AND RIGHT-OF-WAY ACQUISITION TABLE(S) .....	3A – 3D
PRESENT LAYOUT(S) .....	4 – 6
RIGHT-OF-WAY DETAILS .....	4A – 6A
PROPOSED LAYOUT(S) .....	4B – 6B
PROPOSED PROFILE(S) .....	4C – 6C
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE(S) .....	7
DRAINAGE MAP(S) .....	8 – 10
EROSION PREVENTION AND SEDIMENT CONTROL PLANS .....	11, 12-14B
SIGNING AND PAVEMENT MARKING PLAN(S) .....	15 – 17
SIGN SCHEDULE SHEET(S) .....	18
ROADWAY CROSS SECTIONS .....	19 – 44
TRAFFIC CONTROL PLANS .....	T1 – T4B
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS .....	S-1
UTILITY INDEX AND UTILITY OWNERS .....	U1-1

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

DWG.	REV.	DESCRIPTION
<b>10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS</b>		
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-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
<b>10-101.00 STANDARD ROADWAY DRAWINGS</b>		
RD18-TS-6D		RURAL MAJOR ARTERIAL DEPRESSED MEDIAN (4-6 LANE)
RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
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
<b>10-102.00 AQUATIC ORGANISM PASSAGE (AOP) DESIGN, PIPE CULVERTS, AND ENDWALLS</b>		
D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-SEW-1A	01-30-26	TYPE "SAFETY" SIDE DRAIN ENDWALL WITH STEEL PIPE GRATE, FOR 15" THRU 48" PIPES, 6:1 SLOPE
D-SEW-12D	01-30-26	TYPE "SAFETY" SIDE DRAIN ENDWALL WITH STEEL PIPE GRATE, FOR 18" PIPE, 12:1 SLOPE
<b>10-106.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES</b>		
S-F-1	03-01-23	HIGH VISIBILITY FENCE
S-RP-2	06-28-19	STANDARD CONCRETE RIGHT-OF-WAY MARKERS
<b>10-107.00 MULTIMODAL</b>		
MM-PM-2	07-30-24	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANE OR ROUTES
<b>10-108.00 SAFETY DESIGN AND GUARDRAILS</b>		
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-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-CC-1	10-01-24	CRASH CUSHION
S-GR31-1	10-31-25	GUARDRAIL DETAILS
S-GR31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
S-GR31-1B		GUARDRAIL FASTENING HARDWARE
S-GR31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS

DWG.	REV.	DESCRIPTION
S-GRS-1	06-15-21	SPECIAL CASE LONG SPAN GUARDRAIL 1 POST, 2 OR 3 POSTS OMITTED
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR
<b>10-109.00 EROSION PREVENTION AND SEDIMENT CONTROL</b>		
EC-STR-3B	06-15-21	SILT FENCE
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-37	06-10-14	SEDIMENT TUBE
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-11	03-16-17	CULVERT PROTECTION TYPE 1
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD

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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY INDEX  
AND  
STANDARD  
ROADWAY  
DRAWINGS**

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# STANDARD TRAFFIC DESIGN DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	1A2
PS&E	2026	HSIP-3(150)	1A2

DWG.	REV.	DESCRIPTION
<b>10-200.00 SIGN</b>		
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-12	07-30-25	STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, SQUARE TUBES
T-S-16	07-30-25	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-23C	07-30-25	BREAKWAY POST SIGN SUPPORTS

DWG.	REV.	DESCRIPTION
<b>10-204.00 DESIGN - TRAFFIC CONTROL</b>		
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-15A	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-26-25	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD
T-WZ-PBR1	03-26-25	INTERCONNECTED PORTABLE BARRIER RAIL
T-WZ-PBR2	03-26-25	DETAILS FOR WORK ZONE CHANNELIZATION DEVICES

DWG. REV. DESCRIPTION

**SEALED BY**

*Eric S. Brown*

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**STANDARD  
TRAFFIC  
DESIGN  
DRAWINGS**

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	2
P.I.H.	2026	HSIP-3(150)	2
PS&E	2026	HSIP-3(150)	2

### ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
			84102-3216-94
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
201-01	CLEARING AND GRUBBING	LS	1
202-02.01	REMOVAL OF PIPE (24" STA. 135+43.83 LT.)	L.F.	59
202-02.02	REMOVAL OF PIPE (12" STA. 153+06.13 C.)	L.F.	41
202-02.03	REMOVAL OF PIPE (24" STA. 153+10.84 LT.)	L.F.	40
(1)(2)(3)(14)(19)	203-01 ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	7524
(2)(3)	203-04 PLACING AND SPREADING TOPSOIL	C.Y.	1406
	203-05 UNDERCUTTING	C.Y.	27
	203-06 WATER	M.G.	27
	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	1.48
(1)	209-05 SEDIMENT REMOVAL	C.Y.	51
(1)	209-08.02 TEMPORARY SILT FENCE (WITH BACKING)	L.F.	160
(1)	209-08.03 TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	1515
(1)	209-08.08 ENHANCED ROCK CHECK DAM	EACH	4
(2)	303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	3600
(4)	303-02 MINERAL AGGREGATE, TYPE B BASE, GRADING (C OR D)	TON	100
(1)(22)	303-10.01 MINERAL AGGREGATE (SIZE 57)	TON	20
	307-01.21 ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	TON	516
	307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	560
(2)	307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	532
(2)	402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	8
(2)(5)	402-02 AGGREGATE FOR COVER MATERIAL (PC)	TON	26
(2)	403-02.01 TRACKLESS TACK COAT	TON	11
	407-20.05 SAWCUTTING ASPHALT PAVEMENT	L.F.	2380
(6)	411-02.10 ACS MIX(PG70-22) GRADING D	TON	1152
	411-12.02 SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	1.39
	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	803
(7)	607-03.02 18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	68
(7)	607-39.03 24" PIPE CULVERT (SIDE DRAIN)	L.F.	106
	611-07.32 24IN ENDWALL (SIDE DRAIN)	EACH	4
	611-07.73 18IN ENDWALL (MEDIAN DRAIN)	EACH	2
(1)(8)	621-03.02 18" TEMPORARY DRAINAGE PIPE	L.F.	36
(7)	705-06.01 WBEAM GR (TYPE 2) MASH TL3	L.F.	525
(7)	705-06.02 WBEAM GR (TYPE 2) MASH TL-3 (LONG POST)	L.F.	1038
(7)	705-06.10 GR TERMINAL TRAILING END (TYPE 13) MASH TL3	EACH	3
(7)	705-06.20 TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	3
(21)	707-06.03 REMOVAL AND RESET FENCE (PROPERTY LINE FENCE)	L.F.	500
(1)	707-08.11 HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	760
(2)	708-02.01 MARKERS (CONCRETE R.O.W. POSTS)	EACH	12
(1)(8)	709-05.05 MACHINED RIP-RAP (CLASS A-3)	TON	100
(1)(15)	709-05.06 MACHINED RIP-RAP (CLASS A-1)	TON	84
	710-02 AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	1575
	710-05 LATERAL UNDERDRAIN	L.F.	135
	710-06.13 LATERAL UNDERDRAIN ENDWALL (4:1)	EACH	8
	712-01 TRAFFIC CONTROL	LS	1
	712-02.02 INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	4280
	712-02.60 TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	3
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	100
	712-04.50 BARRIER RAIL DELINEATOR	EACH	215
	712-05.03 WARNING LIGHTS (TYPE C)	EACH	75
(9)	712-06 SIGNS (CONSTRUCTION)	S.F.	296
	712-08.03 ARROW BOARD (TYPE C)	EACH	2
	712-09.02 REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	4455
	713-11.02 PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	864
	713-13.02 FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	268
(10)	713-15 REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	2
	716-01.22 SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	86
	716-01.23 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH	68
	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	68
(11)(12)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	33

### ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
			84102-3216-94
(11)(12)	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	3
(11)(12)	716-02.08 PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	300
(11)(12)	716-02.12 PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.194
(11)(12)	716-04.05 PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	1
(11)(12)	716-04.12 PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	57
(13)	716-05.20 PAINTED PAVEMENT MARKING (6" LINE)	L.M.	1.857
(11)(12)	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	1.857
	717-01 MOBILIZATION	LS	1
(1)(16)	740-10.03 GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	226
(20)	740-10.04 GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	80
(1)	740-11.04 TEMPORARY SEDIMENT TUBE 20IN	L.F.	1825
(1)(17)	801-01.07 TEMPORARY SEEDING (WITH MULCH)	UNIT	157
(1)(18)	801-03 WATER (SEEDING & SODDING)	M.G.	103
(1)	803-01 SODDING (NEWSOD)	S.Y.	8685

### FOOTNOTES

- (1) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATION FOR MAINTENANCE REPLACEMENT. ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE PROJECT ENGINEER SEE EPSC PLAN SHEETS 11-14B FOR FURTHER DETAILS.
- (2) SEE SHEET 2F TABULATED QUANTITIES FOR MORE DETAILS.
- (3) SEE GRADING SPECIAL NOTES ON SHEET 2D.
- (4) TO BE USED FOR DROP-OFF MAINTENANCE.
- (5) TO BE USED AS DIRECTED BY THE ENGINEER.
- (6) INCLUDES 810 TONS FOR RESURFACING OF EXISTING PAVEMENT AND 24 TONS FOR PRIVATE DRIVES.
- (7) SEE SHEET 2F1 TABULATED QUANTITIES FOR MORE DETAILS.
- (8) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
- (9) SEE TRAFFIC CONTROL PLAN, SHEET T2.
- (10) INCLUDES THE REMOVAL OF 18 SIGNS AND 8 POSTS. SEE SIGNING AND PAVEMENT MARKING PLAN SHEETS 15-17 FOR MORE DETAILS.
- (11) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (12) FOR USE AS FINAL PAVEMENT MARKINGS.
- (13) FOR USE AS TEMPORARY PAVEMENT MARKINGS.
- (14) INCLUDES 15 C.Y. FOR TEMPORARY CONSTRUCTION EXITS AND 6 C.Y. FOR CULVERT PROTECTION TYPE 1.
- (15) INCLUDES 23 TONS FOR CULVERT PROTECTION TYPE 1 AND 61 TONS TO BE USED BEHIND BOX CULVERT WINGWALLS.
- (16) INCLUDES 172 S.Y. FOR TEMPORARY CONSTRUCTION EXITS AND 54 S.Y. FOR CULVERT PROTECTION TYPE 1.
- (17) THE COST OF FERTILIZER AND LIME USED IN INITIAL BED PREPARATIONS IS TO BE INCLUDED IN THE COST OF SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- (18) INCLUDES 16 M.G. FOR TEMPORARY SEEDING (WITH MULCH) AND 87 M.G. FOR SODDING (NEW SOD).
- (19) INCLUDES THE REMOVAL OF PAVED DITCHES WITHIN PROPOSED GRADING AREAS.
- (20) TO BE USED BEHIND BOX CULVERT WINGWALLS TO STABILIZE RIP-RAP AREA.
- (21) ITEM IS TO BE USED FROM STA. 136+15.89 TO 138+40.93, STA. 140+87.10 TO 142+22.44, AND STA. 150+60.92 TO 152+01.60 FOR RESETTING FENCE WITHIN R.O.W.
- (22) TO BE USED FOR CULVERT PROTECTION TYPE 1.

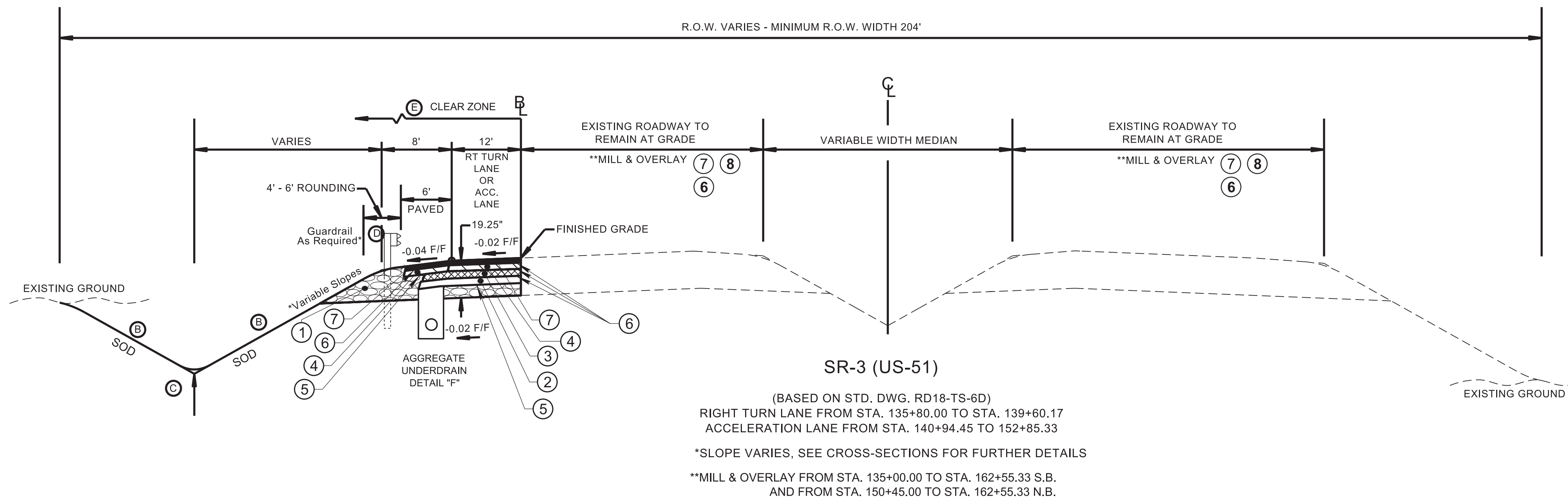
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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ESTIMATED  
ROADWAY  
QUANTITIES

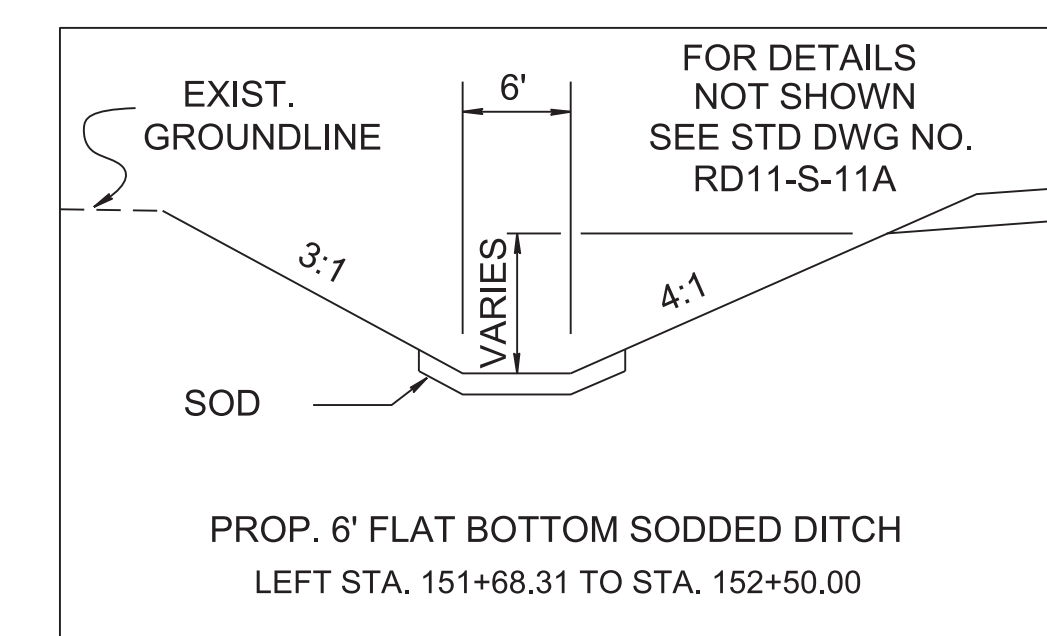
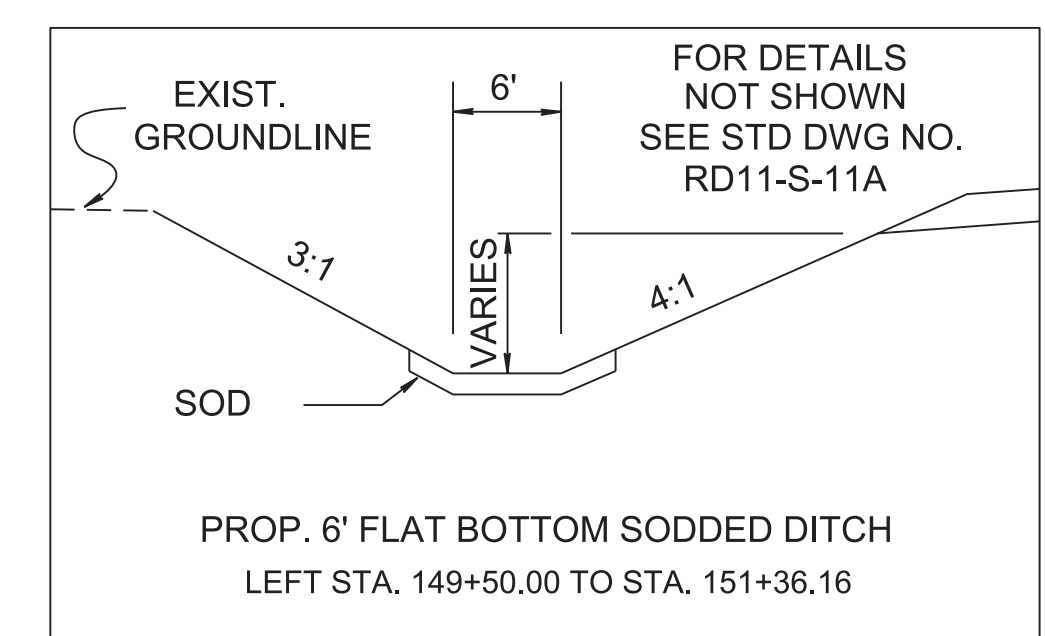
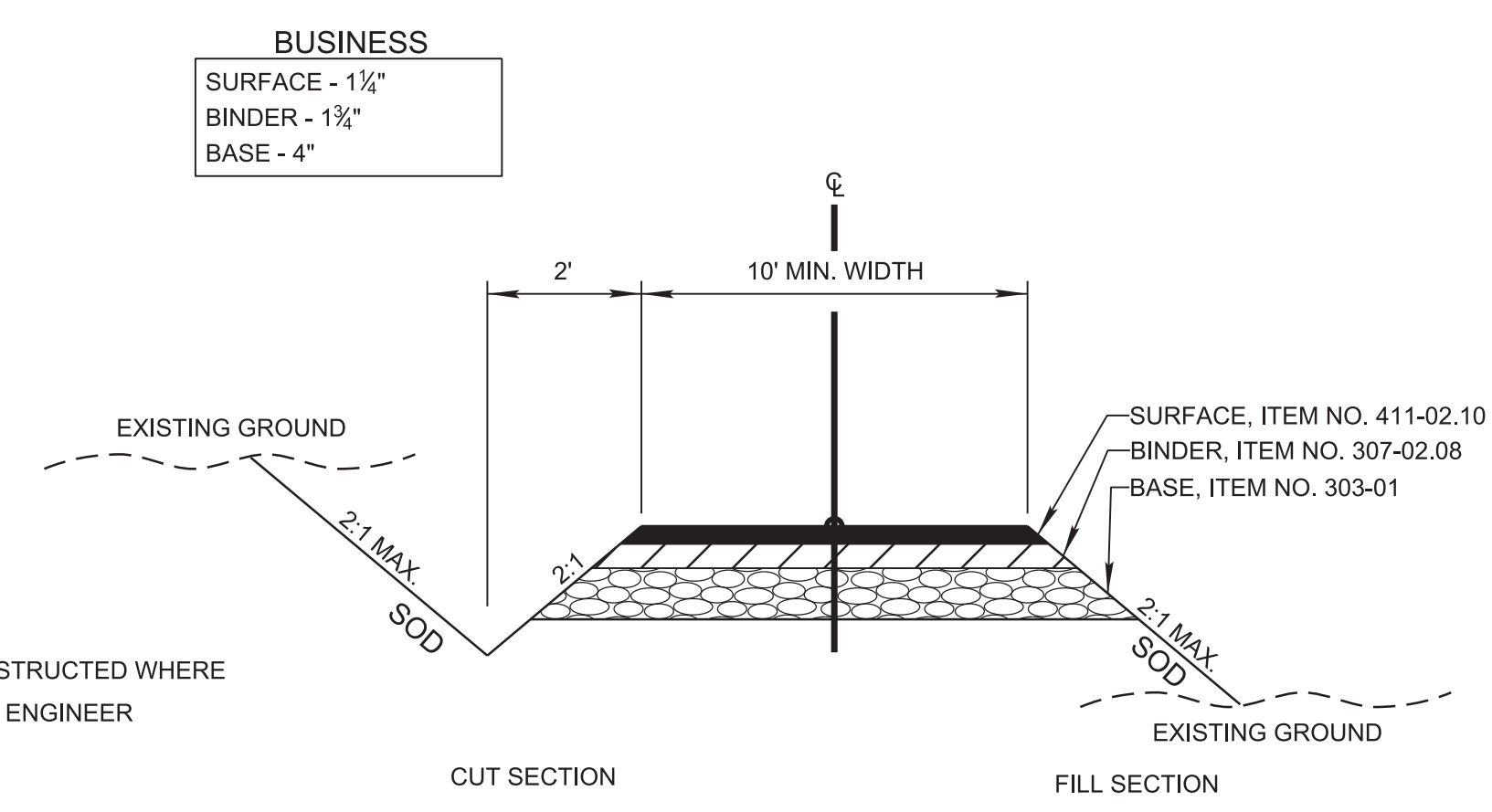
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	2B
FUNCT.	2025	HSIP-3(150)	2B
P.I.H.	2026	HSIP-3(150)	2B
PS&E	2026	HSIP-3(150)	2B



- (A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.
- (B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES. ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.
- (C) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.
- (D) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.
- (E) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

### PROPOSED PAVEMENT SCHEDULE

①	<b>MINERAL AGGREGATE 10" THICK FOR BASE (16" THICK @ SHLD.)</b>
303-01	MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
②	<b>BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A-S" @ 3.00" THICK (APPROX. 318 LB./S.Y.)</b>
307-01.21	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A-S"
③	<b>BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A" @ 3.00" THICK (APPROX. 345 LB./S.Y.)</b>
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A"
④	<b>BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "B-M2" @ 2.00" THICK (APPROX. 226 LB./S.Y.)</b>
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "B-M2"
⑤	<b>PRIME COAT</b>
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC) AT 0.35 GALLONS/S.Y.
402-02	AGGREGATE FOR COVER MATERIAL (PC) TO BE USED AS DIRECTED BY THE ENGINEER.
⑥	<b>TACK COAT</b>
403-02.01	TRACKLESS TACK COAT (TC) (SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD)
⑦	<b>ASPHALTIC CONCRETE SURFACE (HOT MIX) PG70-22 GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.5 LB./S.Y.)</b>
411-02.10	ACS MIX (PG70-22) GRADING "D"
⑧	<b>COLD PLANE @ 1.25" THICK (APPROX. 131.25 LB./S.Y.)</b>
415-01.01	COLD PLANING OF BITUMINOUS PAVEMENT PER TON



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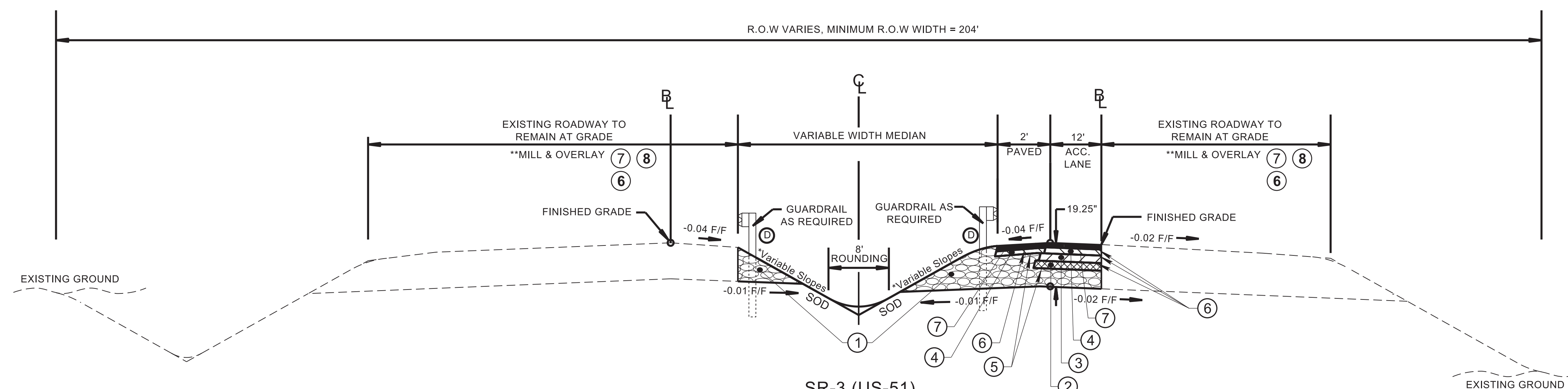
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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	2B1
P.I.H.	2026	HSIP-3(150)	2B1
PS&E	2026	HSIP-3(150)	2B1



**SR-3 (US-51)  
ACCELERATION LANE**

(BASED ON STD. DWG. RD18-TS-6D)  
FROM STA. 153+83.25 TO 161+50.66

\*SLOPE VARIES, SEE CROSS-SECTIONS FOR FURTHER DETAILS

\*\*MILL & OVERLAY FROM STA. 135+00.00 TO STA. 162+55.33 S.B.  
AND FROM STA. 150+45.00 TO STA. 162+55.33 N.B.

**Transition Table**

	Lane			Shoulder				
	Taper	Offset from Centerline (ft)	Width (ft)	Taper 1	Offset from Centerline (ft)	Width (ft)		
Right Turn Lane	Begin Sta.	139+60.17	53.82 LT	0	Begin Sta.	139+60.17	62.47 LT	8
	End Sta.	137+20.17	65.65 LT	12	End Sta.	137+20.17	73.65 LT	8
	Storage		Offset from Centerline (ft)	Width (ft)	Storage 1		Offset from Centerline (ft)	Width (ft)
	Begin Sta.	137+20.17	65.65 LT	12	Begin Sta.	137+20.17	73.65 LT	8
	End Sta.	135+80.00	66.37 LT	12	End Sta.	136+60.00	73.76 LT	8
					Taper 2		Offset from Centerline (ft)	Width (ft)
	Begin Sta.				Begin Sta.	136+60.00	73.76 LT	8
	End Sta.				End Sta.	136+20.00	70.06 LT	4
				Storage 2		Offset from Centerline (ft)	Width (ft)	
Begin Sta.				Begin Sta.	136+20.00	70.06 LT	4	
End Sta.				End Sta.	135+80.00	70.37 LT	4	
Acceleration Lane	Taper		Offset from Centerline (ft)	Width (ft)	Taper		Offset from Centerline (ft)	Width (ft)
	Begin Sta.	140+94.45	62.72 LT	0	Begin Sta.	140+94.45	62.72 LT	8
	End Sta.	143+94.46	74.19 LT	12	End Sta.	143+94.46	74.19 LT	8
	Storage		Offset from Centerline (ft)	Width (ft)	Storage		Offset from Centerline (ft)	Width (ft)
Begin Sta.	143+94.46	74.19 LT	12	Begin Sta.	143+94.46	74.19 LT	8	
End Sta.	152+85.33	74.14 LT	12	End Sta.	152+85.33	74.14 LT	8	
Acceleration Lane	Storage		Offset from Centerline (ft)	Width (ft)	Storage		Offset from Centerline (ft)	Width (ft)
	Begin Sta.	153+83.25	18.22 RT	12	Begin Sta.	153+83.25	16.15 RT	2
	End Sta.	158+50.73	18.25 RT	12	End Sta.	158+50.73	16.25 RT	2
	Taper		Offset from Centerline (ft)	Width (ft)	Taper		Offset from Centerline (ft)	Width (ft)
	Begin Sta.	158+50.73	18.25 RT	12	Begin Sta.	158+50.73	16.25 RT	2
	End Sta.	161+50.66	30.27 RT	0	End Sta.	161+30.14	27.41 RT	2

SEE SHEET 2B FOR PROPOSED PAVEMENT SCHEDULE

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NOT TO SCALE

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS

# 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.
- (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.

## GUARDRAIL

- (2) 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.

## 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.
- (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).

## FENCING

- (1) LOCATION OF THE FENCE SHALL BE ONE FOOT INSIDE THE RIGHT-OF-WAY EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS.
- (3) THE CONTRACTOR SHALL GIVE THE AFFECTED PROPERTY OWNERS A TWO-WEEK NOTICE PRIOR TO CUTTING FENCES.

## MISCELLANEOUS

- (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.

## 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.

## FINAL PAVEMENT MARKING

- (6) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:
  - a. BROOMING & DE-GRASSING SHOULDERS SHALL INCLUDE CLIPPING OF MATERIAL INTERFERING WITH PROPER DRAINAGE OF ROADWAY (INCLUDING PAVED AND GRAVEL SHOULDERS), AS DIRECTED BY THE ENGINEER.
  - b. ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE ENGINEER.
  - c. ALL COSTS ASSOCIATED WITH PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
  - d. REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (8) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

## SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

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

## PAVEMENT

### PAVING

- (2) THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.

### SIGNING

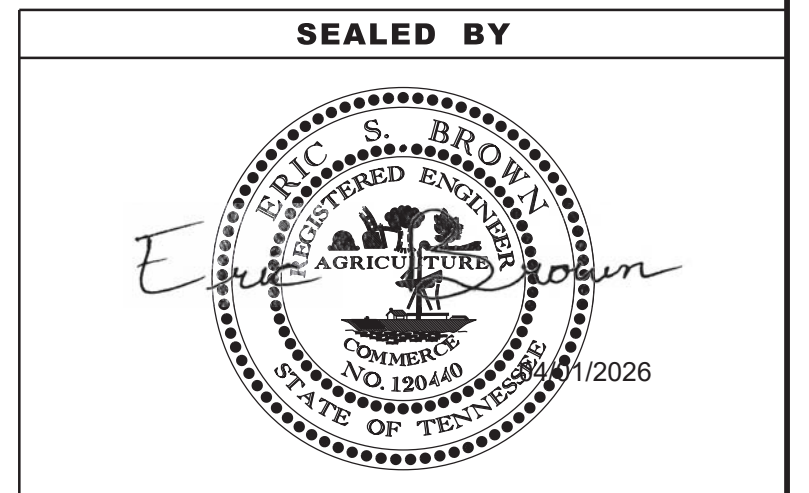
- (2) FOR ALL PERMANENT PANEL SIGNS WITH A SILVER-WHITE, YELLOW, RED, GREEN, BROWN, OR BLUE BACKGROUND, PROVIDE REFLECTIVE SHEETING THAT MEETS OR EXCEEDS AASHTO M268, TYPE D.
- (3) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE LENGTHS 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.
- (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.

- (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.

## 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.
- (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.

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	2C
PS&E	2026	HSIP-3(150)	2C



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**GENERAL  
NOTES**

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# SPECIAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	2D
PS&E	2026	HSIP-3(150)	2D

## GRADING

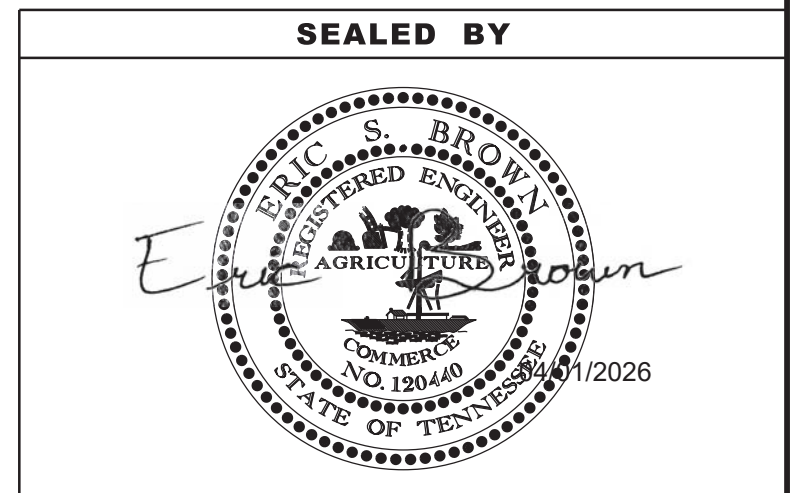
- (1) THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.
- (4) THE CONTRACTOR SHALL UTILIZE ALL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

## HISTORICAL

- (1) THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING AND COORDINATING WITH THE TDOT REGIONAL SIGN SHOP FOR STORING HISTORIC MARKER(S). AT THE TIME THE MARKER(S) IS TAKEN DOWN, LINDA WYNN WITH THE TENNESSEE HISTORICAL COMMISSION SHOULD BE NOTIFIED AT (615)-770-1093. AT THE END OF CONSTRUCTION, MARKER(S) WILL BE RESET BY THE SIGN SHOP AT THE DIRECTION OF THE REGIONAL TRAFFIC ENGINEER. IF THE MARKER CANNOT BE RESET OUTSIDE OF THE CLEAR ZONE, THE REGIONAL TRAFFIC ENGINEER WILL CONTACT THE TENNESSEE HISTORIC COMMISSION AND RETURN THE MARKER(S).

## MULTIMODAL

- (1) DURING CONSTRUCTION, IF THE CONSTRUCTION SUPERVISOR IDENTIFIES CURB RAMP LOCATIONS WITHIN THE PROJECT LIMITS WHERE THE TDOT ROADWAY STANDARDS CANNOT BE USED DUE TO SITE LIMITATIONS, A SKETCH OR PICTURE, SHOWING EXISTING CONDITIONS AS WELL AS PROPOSED MODIFICATIONS SHOULD BE SUBMITTED TO THE REGIONAL PROJECT DEVELOPMENT OFFICE THREE WEEKS PRIOR TO THE BEGINNING OF CURB RAMP CONSTRUCTION. THE OFFICE WILL REVIEW AND EVALUATE THE LOCATIONS TO DEVELOP PROPER CURB RAMP DESIGN THAT WILL MEET REGULATIONS.



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

SPECIAL  
NOTES

# ENVIRONMENTAL 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).

### 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 PLANS, SPECIFICATION, AND ESTIMATE (PS&E) 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.

### 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.

### ENVIRONMENTAL SPECIAL NOTES

#### ENVIRONMENTAL

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

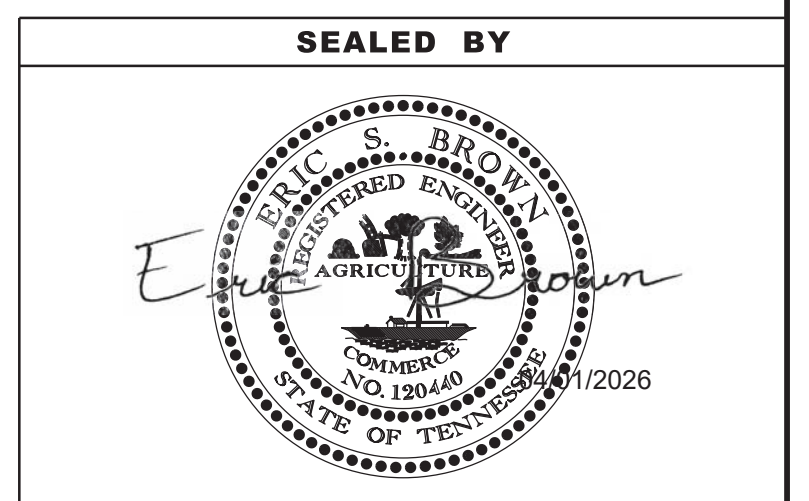
#### ECOLOGY

- (2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR A DESIGNATED CONSULTANT WILL NEED TO BE ONSITE FOR WORK BEING DONE WHICH COULD AFFECT WATERS OF THE STATE/U.S. OR SPECIES.
- (3) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS THAT MUST BE FOLLOWED.
- (4) ALL PROJECTS WITH LEGALLY PROTECTED SPECIES OR CRITICAL HABITAT IDENTIFIED SHALL HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER WATERS OF THE STATE/U.S.

#### SCOPE OF WORK

- (6) PROJECT IS LIMITED TO THE FOLLOWING: WIDENING, PAVING, GRADE, SIGN, & PAVEMENT MARKINGS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	2E
P.I.H.	2026	HSIP-3(150)	2E
PS&E	2026	HSIP-3(150)	2E



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**ENVIRONMENTAL  
NOTES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	2F
PS&E	2026	HSIP-3(150)	2F

ESTIMATED GRADING QUANTITIES						
DESCRIPTION	UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)	BALANCE SUMMARY		
	EXC.	EMB.	EXC.	SHRINK = 10 % SWELL = 15 %		
MAINLINE	5973	2545	5376			
SIDE ROADS						
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES				EXC.		EMB.
INDEPENDENT DITCHES						
TEMPORARY CONSTRUCTION EXITS	15		14	5395	VS.	-2545
OTHER (CULVERT PROTECTION TYPE 1)	6		6			
TOPSOIL (EMB.)	19			AVAILABLE	=	2850
TOPSOIL (EXC.)	1511					
TOPSOIL TOTALS (SEE TOPSOIL TABLE)				WASTE MATERIAL	=	3135
ROCK (C.Y.)		TOTALS (C.Y.)				
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC. (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
0	0	7524	2545	7524	5994	5395

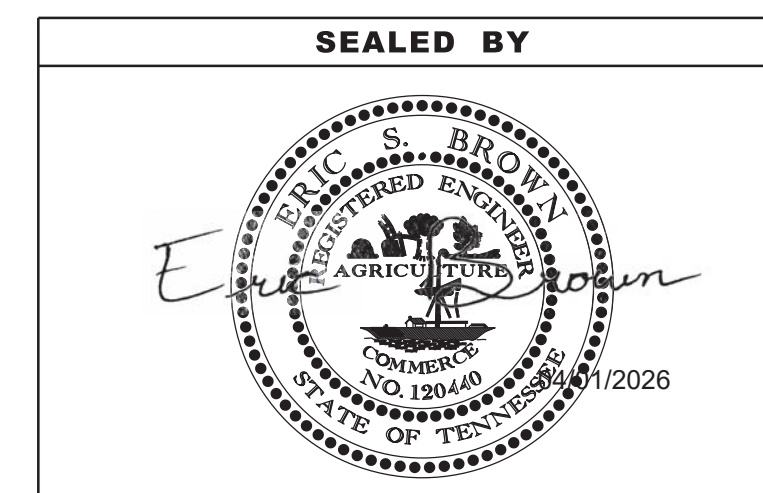
TOPSOIL							
IF EXISTING TOPSOIL IS SUITABLE FOR REUSE							
PROPOSED SLOPE AREA S.F.	EXISTING TOPSOIL (EXC.)	EXISTING TOPSOIL (EMB.)	EXISTING TOPSOIL (TOTAL) C.Y.	REQUIRED TOPSOIL C.Y.	PLACING TOPSOIL 203-04 C.Y.	FURNISHED TOPSOIL 203-07 C.Y.	EXCESS TOPSOIL C.Y.
75901	1511	19	1530	1406	1406	0	124

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING AND DISPOSAL OF WASTE MATERIAL.

PAVEMENT QUANTITIES									
LOCATION	TYPE - GRADE - PAY ITEM (TON)								COLD PLANING
	MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX)			PRIME COAT	TRACKLESS TACK COAT	ASPHALTIC CONCRETE SURFACE (HOT MIX)	BITUMINOUS PLANT MIX	
(ROADWAY)	D	A	A-S	B-M2			D	TON	
	303-01	307-02.01	307-01.21	307-02.08	402-01	402-02	403-02.01	411-02.10	415-01.01
S.R. 3 (US-51)	3529.0	560.0	516.0	501.0	7.0	24.0	10.7	1124.0	803.0
PRIVATE DRIVES	71.0			31.0	1.0	2.0	0.3	28.0	
<b>TOTALS</b>	<b>3600.0</b>	<b>560.0</b>	<b>516.0</b>	<b>532.0</b>	<b>8.0</b>	<b>26.0</b>	<b>11.0</b>	<b>1152.0</b>	<b>803.0</b>

SPECIAL DITCHES							
ROADWAY	STATION		SIDE	DETAIL NO.	CONFIGURATION		
	FROM	TO			FORE (H/V)	BOTTOM WIDTH (FT.)	BACK (H/V)
S.R. 3	149+50.00	151+36.16	LT		4:1	6	3:1
S.R. 3	151+68.31	152+50.00	LT		4:1	6	3:1

RIGHT OF WAY MARKERS				
Item #: 708-02.01				
SHEET NO.	QUANTITIES			
	"A"	"B"	"C"	TOTALS
4A	4	2	2	8
5A	4			4
<b>TOTALS</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>12</b>



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

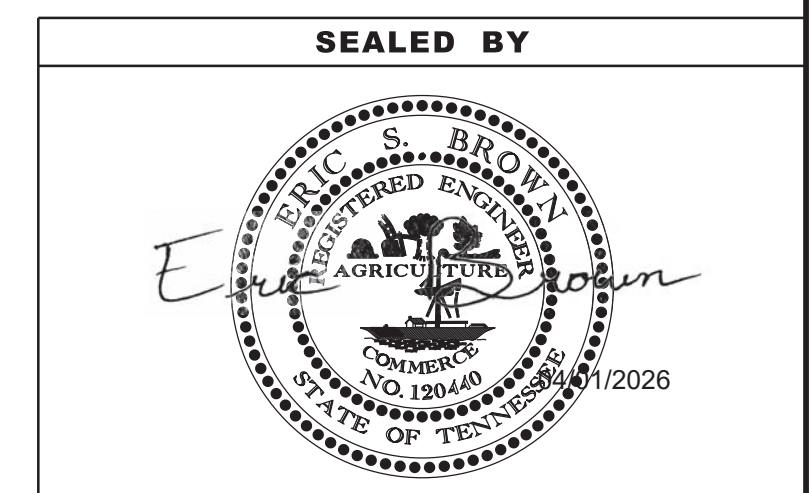
TABULATED  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	2F1
PS&E	2026	HSIP-3(150)	2F1

PROPOSED GUARDRAIL											
SHEET NO.	LOCATION	SIDE			STATIONS		GUARDRAIL		TERMINAL ANCHORS		REMARKS
							W BEAM GR (TYPE 2) MASH TL3 705-06.01 (L.F.)	W BEAM GR (TYPE 2) MASH TL3 LONG POST 705-06.02 (L.F.)	TYPE 13 MASH TL3 (9.375') (EACH)	TYPE 38 MASH TL3 (46.875') (EACH)	
		LT	C	RT	FROM	TO					
5B	S.R.3	x			150+89.83				1		
5B	S.R.3	x			150+89.83	152+71.14	37.5	87.5			SEE STD. DWG. S-GRS-1 FOR OMITTED POST AT BOX CULVERT
5B	S.R.3	x			152+71.14					1	
5B	S.R.3		x		154+02.43				1		
5B/6B	S.R.3		x		154+02.43	162+21.25	487.5	275			
5B	S.R.3		x		154+88.26					1	
5B/6B	S.R.3		x		154+88.26	162+19.18		675			
6B	S.R.3		x		162+19.18				1		
6B	S.R.3		x		162+21.25					1	
<b>TOTALS</b>							<b>525</b>	<b>1038</b>	<b>3</b>	<b>3</b>	

SIDE DRAIN TABULATION																
STATION	LOCATION		DESCRIPTION	SURFACE WIDTH FT.	SKEW	PIPE CULVERT (L.F.)						END TREATMENT				REMARKS
	LT.	RT.				FILL HEIGHT ≤ 10 FT.						INLET		OUTLET		
						18"	24"	30"	36"	42"	48"	TYPE	DRAWING NO.	TYPE	DRAWING NO.	
135+44.55	X		BUSINESS ENTRANCE	45'	69.8°		62					SAFETY	D-SEW-1A	SAFETY	D-SEW-1A	
153+10.58	X		BUSINESS ENTRANCE	21'	66.0°		44					SAFETY	D-SEW-1A	SAFETY	D-SEW-1A	
<b>TOTALS</b>							<b>106</b>									Pipe Tabulation For Private Drives, Business & Field Entrances

LONGITUDINAL MEDIAN DRAINS				
STATION	SKEW	RCP CLASS III		REMARKS
		FILL HEIGHT ≤ 10 FT. (L.F.)	MEDIAN DRAIN END TREATMENT DRAWING NO. D-SEW-12D	
		18"	611-07.73	
153+07.01	1.36°	68	2	
<b>TOTALS</b>		<b>68</b>	<b>2</b>	



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TABULATED  
QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	3
P.I.H.	2026	HSIP-3(150)	3
PS&E	2026	HSIP-3(150)	3

## RIGHT-OF-WAY

- (3) EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.
- (4) WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY EXCEEDS 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED TO A TOUCHDOWN POINT OR UNTIL THE GRADE IS LESS THAN 7 PERCENT.
- (5) WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY IS LESS THAN 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED A SHOULDER WIDTH FROM THE EDGE OF PAVEMENT AND THE REMAINDER OF THAT DRIVEWAY REPLACED IN KIND TO A TOUCHDOWN POINT.
- (6) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- (7) TRACT REMAINDERS NOT HAVING AN EXISTING DRIVEWAY WILL BE PROVIDED ONE 50-FOOT OPENING IN THE ACCESS CONTROL FENCE AND A DRIVEWAY WILL BE CONSTRUCTED UNLESS ACCESS IS PROVIDED FROM AN INTERSECTING ROAD OR BASED ON PHYSICAL CONDITIONS AND/OR CONFLICTS WITH OTHER DESIGN CONSIDERATIONS WHICH PREVENT AN ACCESS OPENING. PAVING OF THESE NEW DRIVEWAYS WILL BE IN ACCORDANCE TO THE 7 PERCENT CRITERIA PREVIOUSLY MENTIONED FOR EXISTING DRIVEWAYS.
- (8) NEW DRIVEWAYS PROVIDED IN THE PLANS WILL BE PAVED BASED ON THE 7 PERCENT CRITERIA. THOSE 7 PERCENT OR STEEPER IN GRADE WILL BE PAVED AND THOSE FLATTER THAN 7 PERCENT WILL BE COVERED WITH BASE STONE.
- (9) ON PROJECTS WITHOUT CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT AND TO CONSTRUCT ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.

## UTILITY

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- (3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106 NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.

## UTILITY OWNERS

### CABLE:

#### RITTER COMMUNICATIONS

4880 NAVY RD.

MILLINGTON, TN 38053

CONTACT: Rich Busby

OFFICE PHONE: 870 351 1147

Email: [OSPEngineering@rittercommunications.com](mailto:OSPEngineering@rittercommunications.com)

### ELECTRIC:

#### SOUTHWEST ELECTRIC EMC

1009 EAST MAIN ST.

BROWNSVILLE, TN 38012

CONTACT: Josh Kennedy

OFFICE PHONE: 731 585 0538

Email: [jkennedy@stemc.com](mailto:jkennedy@stemc.com)

### GAS:

#### CITY OF MUNFORD

60 WATER ST.

MUNFORD, TN 38305

CONTACT: Mark Walker

OFFICE PHONE: 901 837 5974

CELL PHONE: 901 301 9225

Email: [mwalker@munford.com](mailto:mwalker@munford.com)

### TELEPHONE:

#### AT&T

215 E. COLLEGE ST.

JACKSON, TN 38301

CONTACT: Daniel R. Potts

OFFICE PHONE: 901 488 2359

Email: [Dp7607@att.com](mailto:Dp7607@att.com)

### WATER:

#### CITY OF MUNFORD

60 WATER ST.

MUNFORD, TN 38305

CONTACT: Mark Walker

OFFICE PHONE: 901 837 5974

CELL PHONE: 901 301 9225

Email: [mwalker@munford.com](mailto:mwalker@munford.com)

### WATER/SEWER:

#### BRIGHTON PUBLIC WORKS

139 N. MAIN ST./P.O. BOX 277

BRIGHTON, TN 38011

CONTACT: Mark Daugherty

OFFICE PHONE: 901 831 7259

Email: [Mdaugherty@townofbrighton.com](mailto:Mdaugherty@townofbrighton.com)

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	3A
FUNCT.	2025	HSIP-3(150)	3A
P.I.H.	2026	HSIP-3(150)	3A
PS&E	2026	HSIP-3(150)	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	Tipton County	80	37.0	190	32	326.350		326.350	0.238		0.238	326.112						

**DISTURBED AREA**

IN BETWEEN SLOPE LINES	2.481	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	0.502	(AC)
TOTAL DISTURBED AREA	2.983	(AC)
TOTAL PROJECT AREA	13.252	(AC)

SEALED BY



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY  
ACQUISITION  
TABLE

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	3B
FUNCT.	2025	HSIP-3(150)	3B
P.I.H.	2026	HSIP-3(150)	3B
PS&E	2026	HSIP-3(150)	3B

84102-2216-94  
 BEGIN PROJECT NO. HSIP-3(150) R.O.W.

STA. 136+15.89

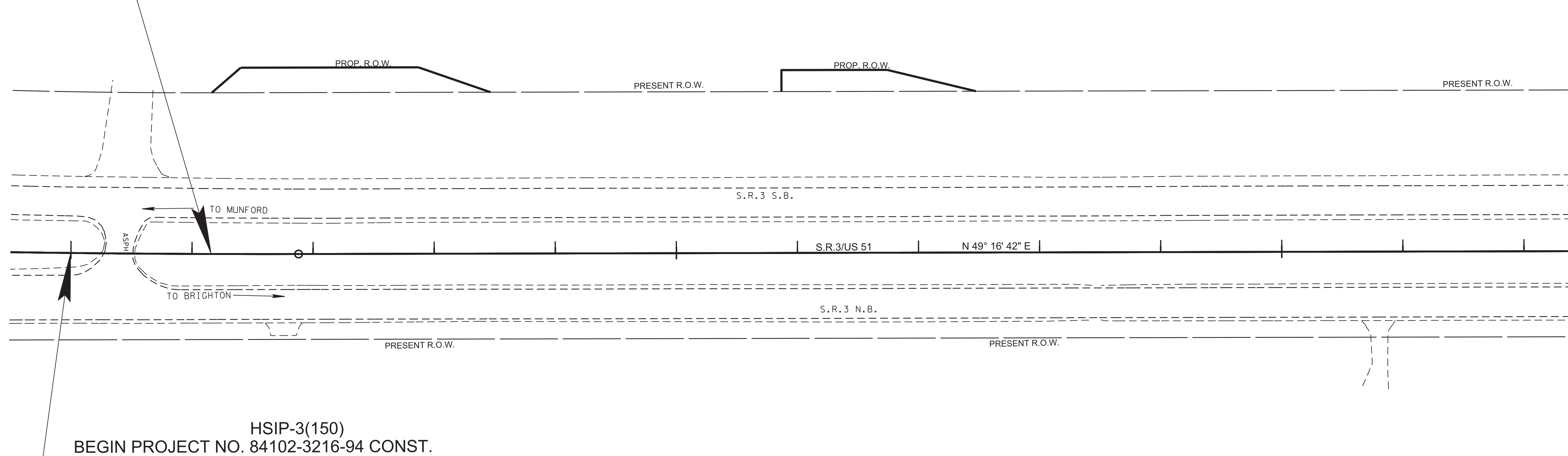
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140

145

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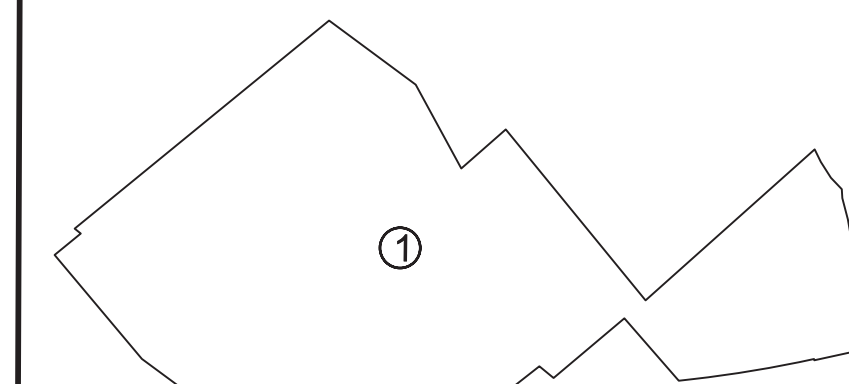
MATCH LINE STA. 147+50 SEE SHT. NO. 3C

HSIP-3(150)  
 BEGIN PROJECT NO. 84102-3216-94 CONST.

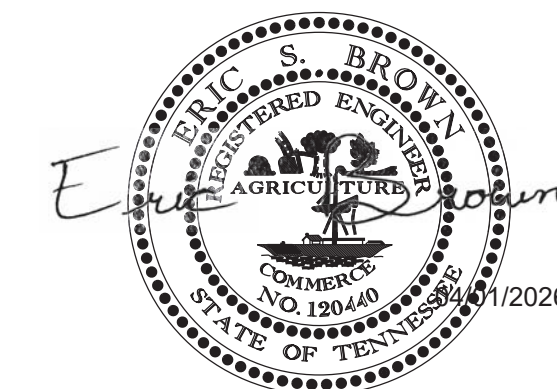
STA. 134+99.79

N 434093.3852 E 850048.6046

NOT TO SCALE



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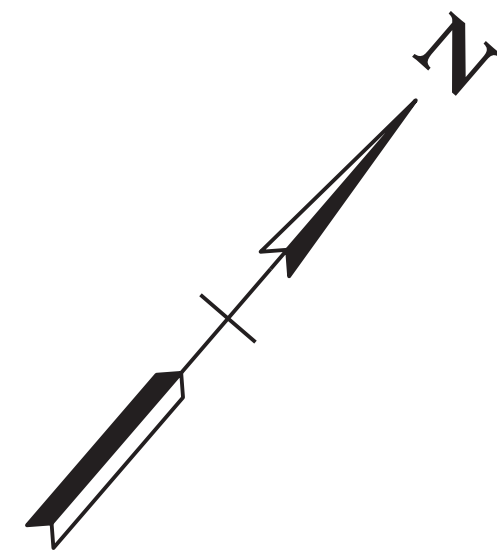
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

PROPERTY  
 MAP

STA. 134+50 TO STA. 147+50  
 SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	3C
FUNCT.	2025	HSIP-3(150)	3C
P.I.H.	2026	HSIP-3(150)	3C
PS&E	2026	HSIP-3(150)	3C



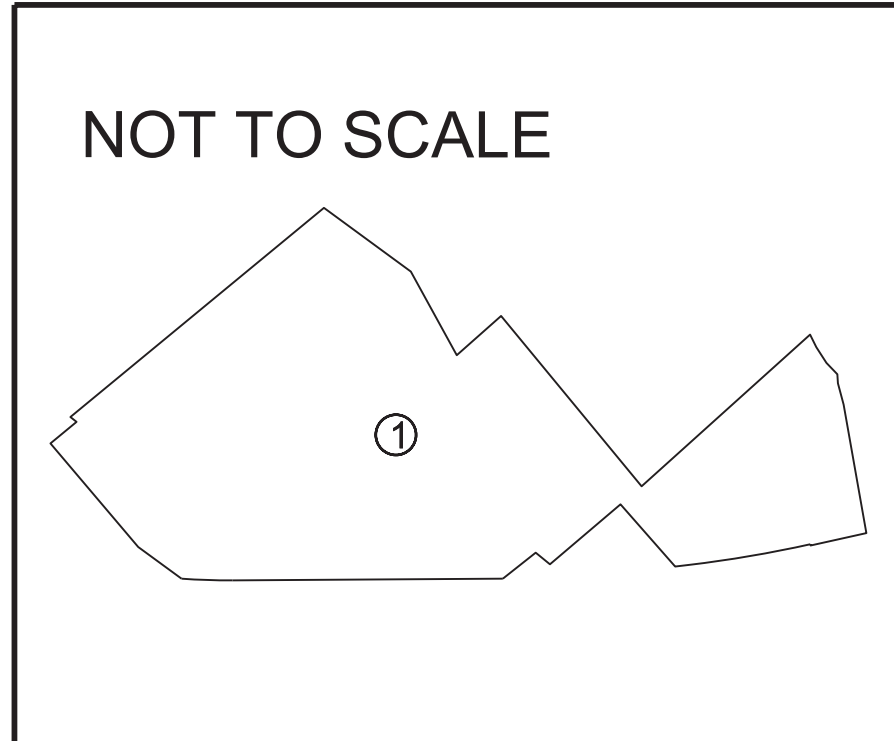
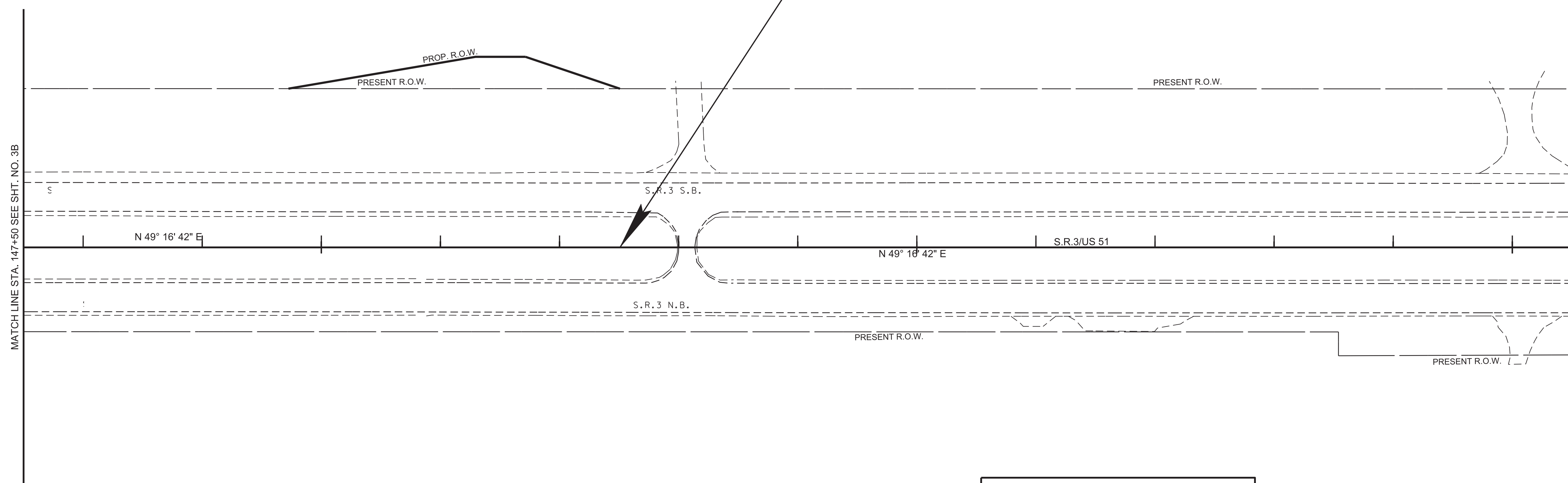
HSIP-3(150)  
 END PROJECT NO. 84102-2216-94 R.O.W.  
 STA. 152+50.74  
 N 435234.6948 E 851376.4572

150

155

①

160



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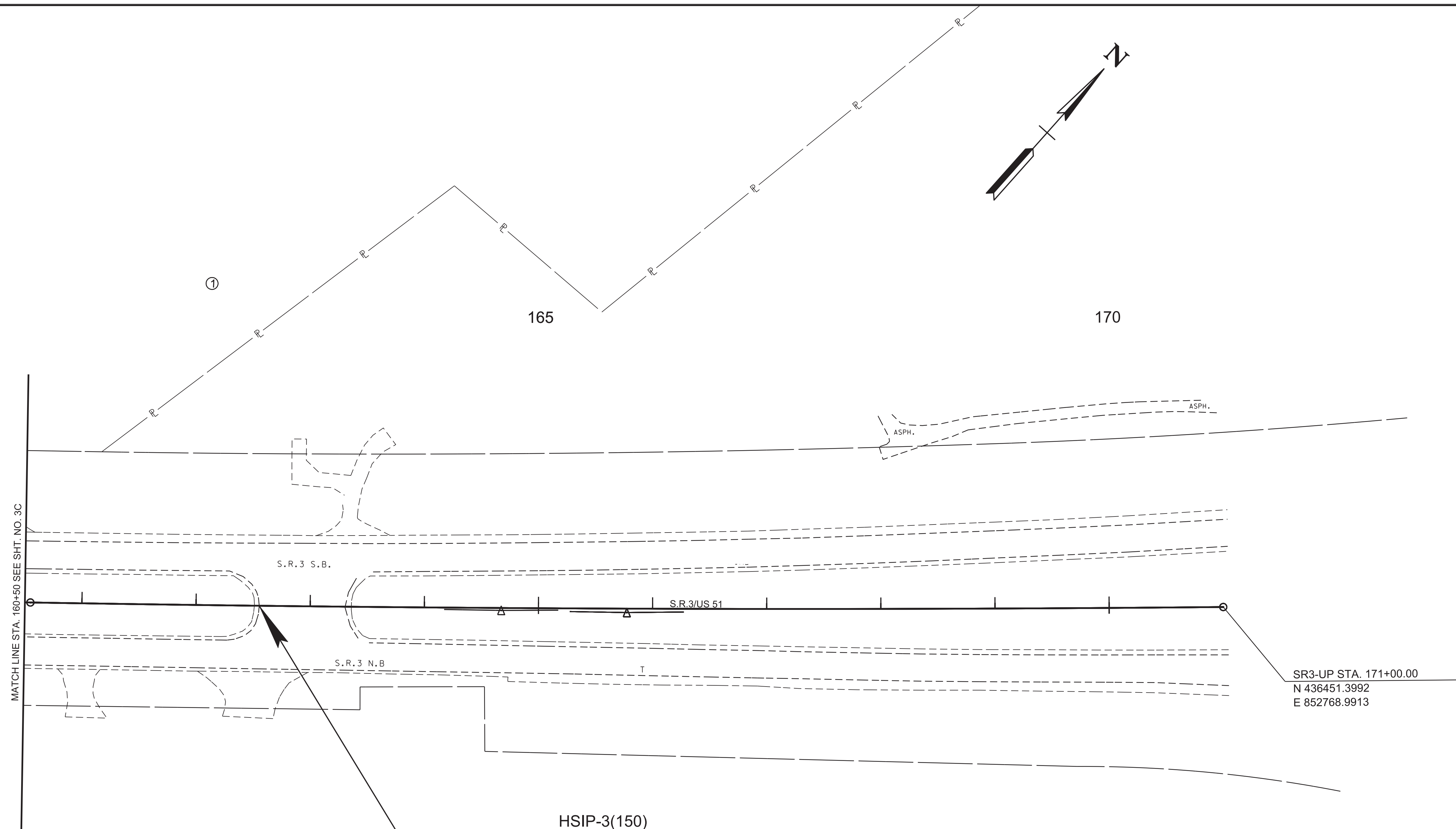
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

**PROPERTY  
 MAP**

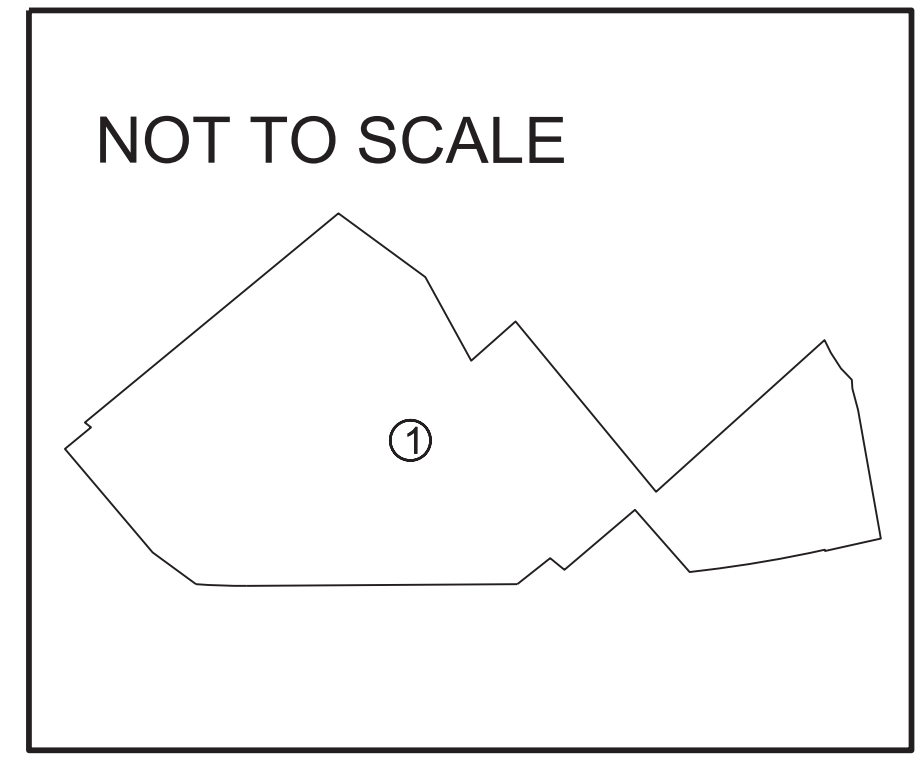
STA. 147+50 TO STA. 160+50  
 SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	3D
FUNCT.	2025	HSIP-3(150)	3D
P.I.H.	2026	HSIP-3(150)	3D
PS&E	2026	HSIP-3(150)	3D



HSIP-3(150)  
 END PROJECT NO. 84102-3216-94 CONST.  
 STA. 162+55.33  
 N 435890.4600 E 852137.4990

SR3-UP STA. 171+00.00  
 N 436451.3992  
 E 852768.9913



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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

PROPERTY  
 MAP  
 STA.160+50 TO STA.171+00  
 SCALE: 1"=50'

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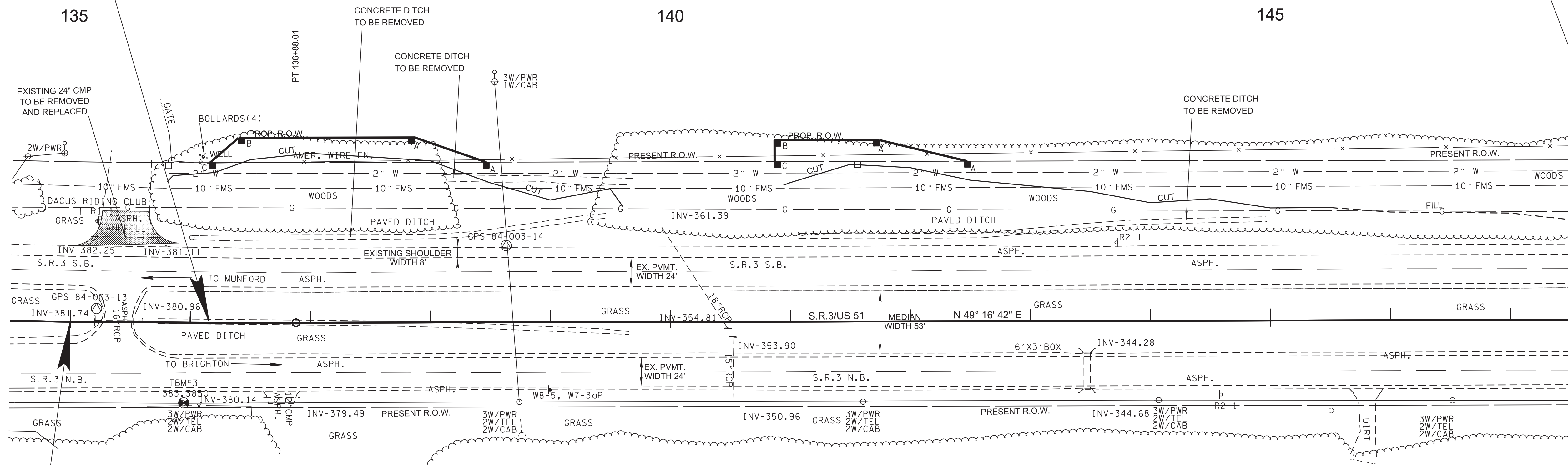
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	4
FUNCT.	2025	HSIP-3(150)	4
P.I.H.	2026	HSIP-3(150)	4
PS&E	2026	HSIP-3(150)	4

84102-2216-94  
BEGIN PROJECT NO. HSIP-3(150) R.O.W.

STA. 136+15.89

N 434168.2860 E 850137.3041

①  
TIPTON COUNTY



HSIP-3(150)  
BEGIN PROJECT NO. 84102-3216-94 CONST.

STA. 134+99.79

N 434093.3852 E 850048.6046

MATCH LINE STA. 147+50 SEE SHT. NO. 5

NOTE: WATER AND SEWER CROSSINGS OWNED BY THE TOWN OF BRIGHTON SHOULD NOT BE AFFECTED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING MARK DAUGHERTY BEFORE CONSTRUCTION BEGINS. SEE SHEET 3 FOR CONTACT INFO.

CONTROL POINT TABLE

Point	North	East	Station	Offset	Elevation
84-003-11	433085.5761	848776.8592	118+92.30	116.9234	387.0500
84-003-12	433295.6529	849188.0021	123+44.91	126.5822	395.6700
84-003-13	434116.0701	850058.1870	135+21.72	-11.2249	384.9600
84-003-14	434377.9590	850283.2171	138+63.26	-63.9061	376.4300
84-003-15	435751.2542	852074.2299	161+16.47	63.7714	357.1100
84-003-16	435997.1369	852372.1972	165+01.98	74.2663	350.1100
TBM#1	435867.9622	852218.3124	163+01.47	70.0315	356.1850
TBM#2	435709.5749	852031.8609	160+57.26	67.6711	358.2300
TBM#3	434103.6406	850164.5491	135+94.82	66.8965	383.3850
TBM#4	433928.0502	849958.2986	133+25.30	69.9138	388.5450

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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

PRESENT  
LAYOUT

STA. 134+50 TO STA. 147+50  
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	4A
FUNCT.	2025	HSIP-3(150)	4A
P.I.H.	2026	HSIP-3(150)	4A
PS&E	2026	HSIP-3(150)	4A

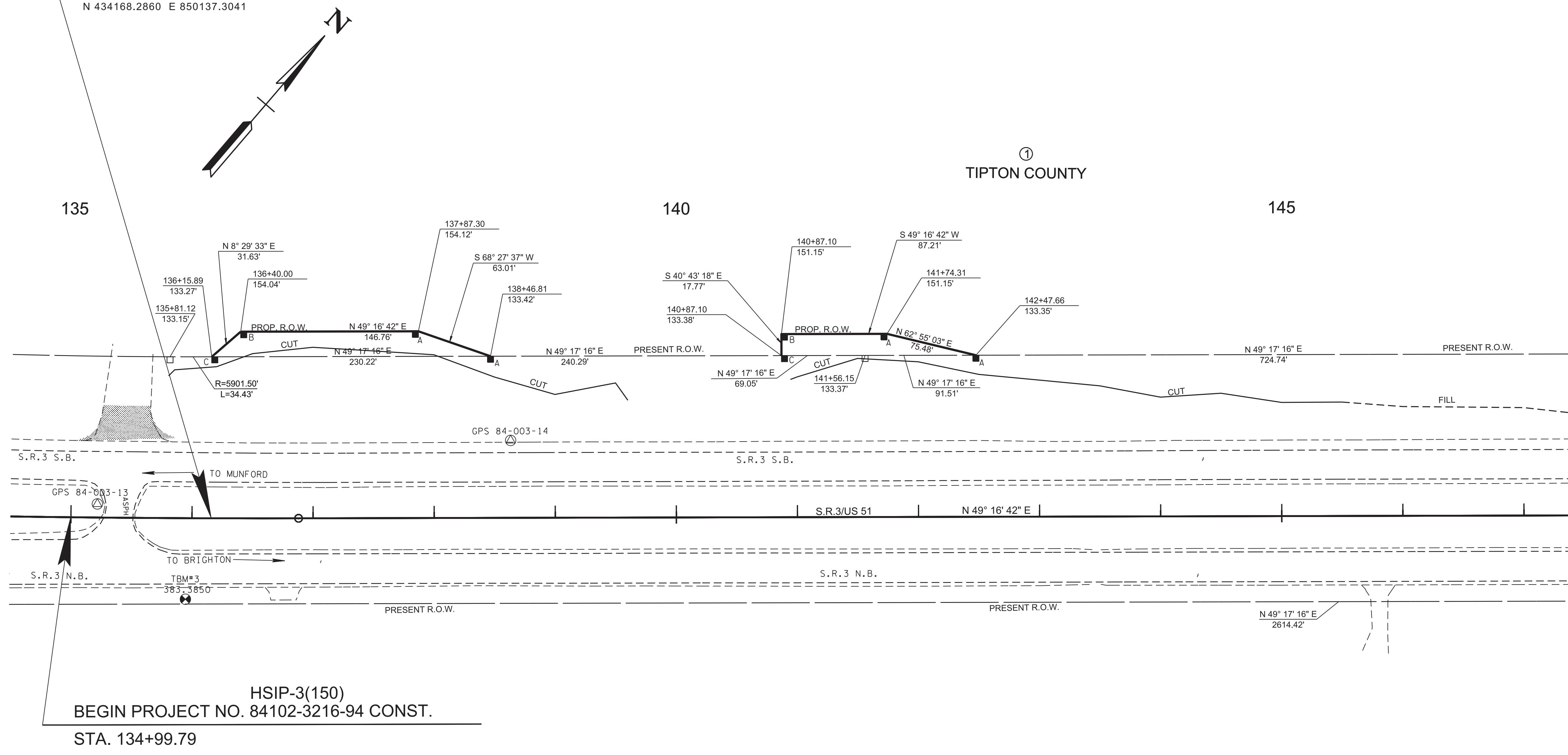
REV. 11/21/25 : REVISED DISTANCE ON PROP. R.O.W. FLAG.

84102-2216-94  
BEGIN PROJECT NO. HSIP-3(150) R.O.W.

STA. 136+15.89

N 434168.2860 E 850137.3041

①  
TIPTON COUNTY



HSIP-3(150)  
BEGIN PROJECT NO. 84102-3216-94 CONST.

STA. 134+99.79

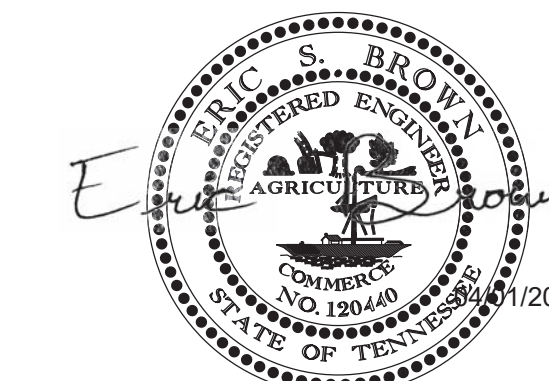
N 434093.3852 E 850048.6046

MATCH LINE STA. 147+50 SEE SHT. NO. 5A

CONTROL POINT TABLE

Point	North	East	Station	Offset	Elevation
84-003-11	433085.5761	848776.8592	118+92.30	116.9234	387.0500
84-003-12	433295.6529	849188.0021	123+44.91	126.5822	395.6700
84-003-13	434116.0701	850058.1870	135+21.72	-11.2249	384.9600
84-003-14	434377.9590	850283.2171	138+63.26	-63.9061	376.4300
84-003-15	435751.2542	852074.2299	161+16.47	63.7714	357.1100
84-003-16	435997.1369	852372.1972	165+01.98	74.2663	350.1100
TBM#1	435867.9622	852218.3124	163+01.47	70.0315	356.1850
TBM#2	435709.5749	852031.8609	160+57.26	67.6711	358.2300
TBM#3	434103.6406	850164.5491	135+94.82	66.8965	383.3850
TBM#4	433928.0502	849958.2986	133+25.30	69.9138	388.5450

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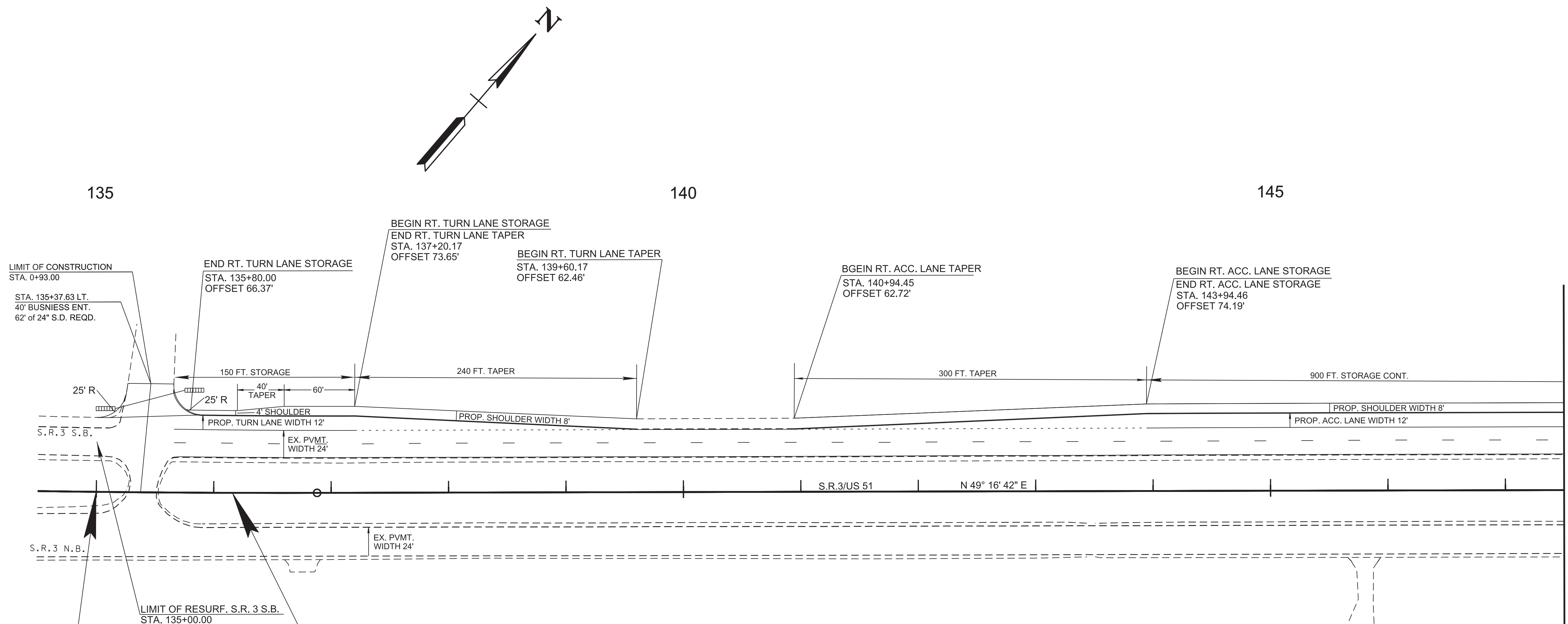
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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY  
DETAILS

STA. 134+50 TO STA. 147+50  
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	4B
FUNCT.	2025	HSIP-3(150)	4B
P.I.H.	2026	HSIP-3(150)	4B
PS&E	2026	HSIP-3(150)	4B



84102-2216-94  
 BEGIN PROJECT NO. HSIP-3(150) R.O.W.

STA. 136+15.89  
 N 434168.2860 E 850137.3041

84102-3216-94  
 BEGIN PROJECT NO. HSIP-3(150) CONST.

STA. 134+99.79  
 N 434093.3852 E 850048.6046

MATCH LINE STA. 147+50 SEE SHT. NO. 5B

SEALED BY



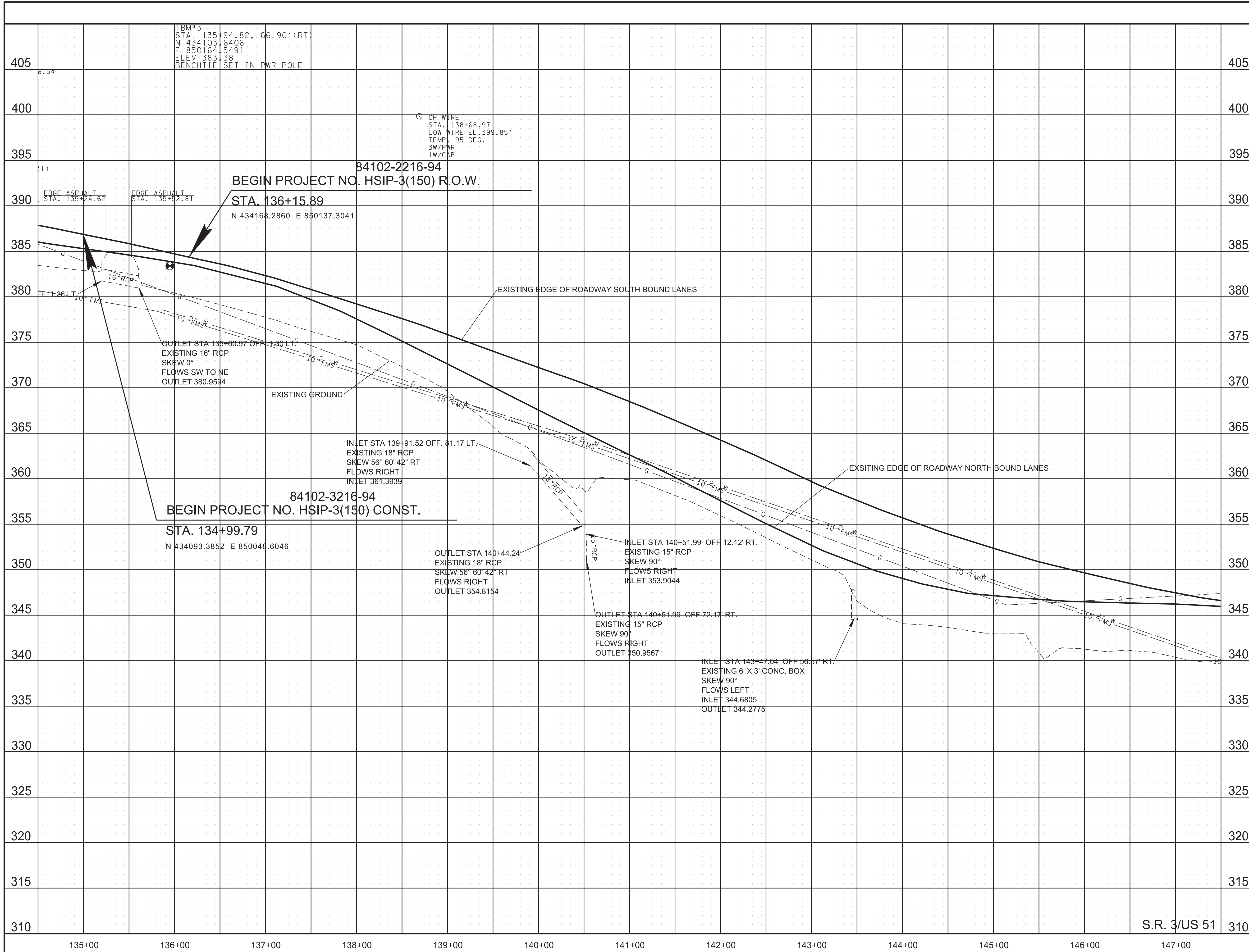
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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

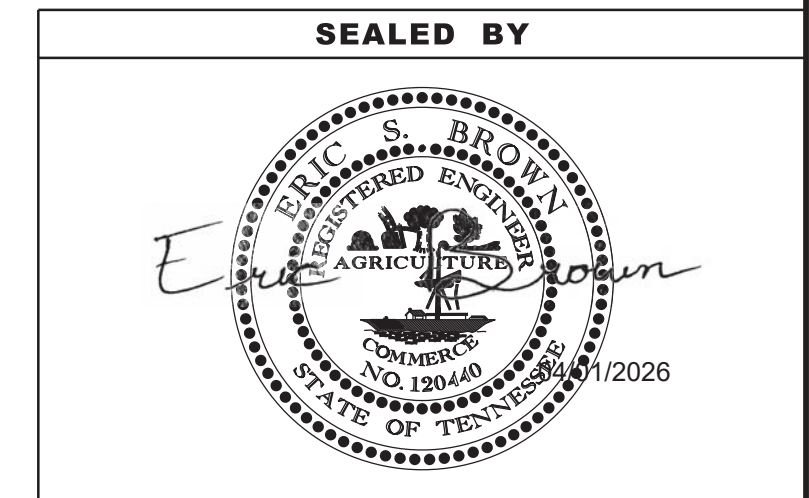
PROPOSED  
 LAYOUT

STA. 134+50 TO STA. 147+50  
 SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	4C
FUNCT.	2025	HSIP-3(150)	4C
P.I.H.	2026	HSIP-3(150)	4C
PS&E	2026	HSIP-3(150)	4C



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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

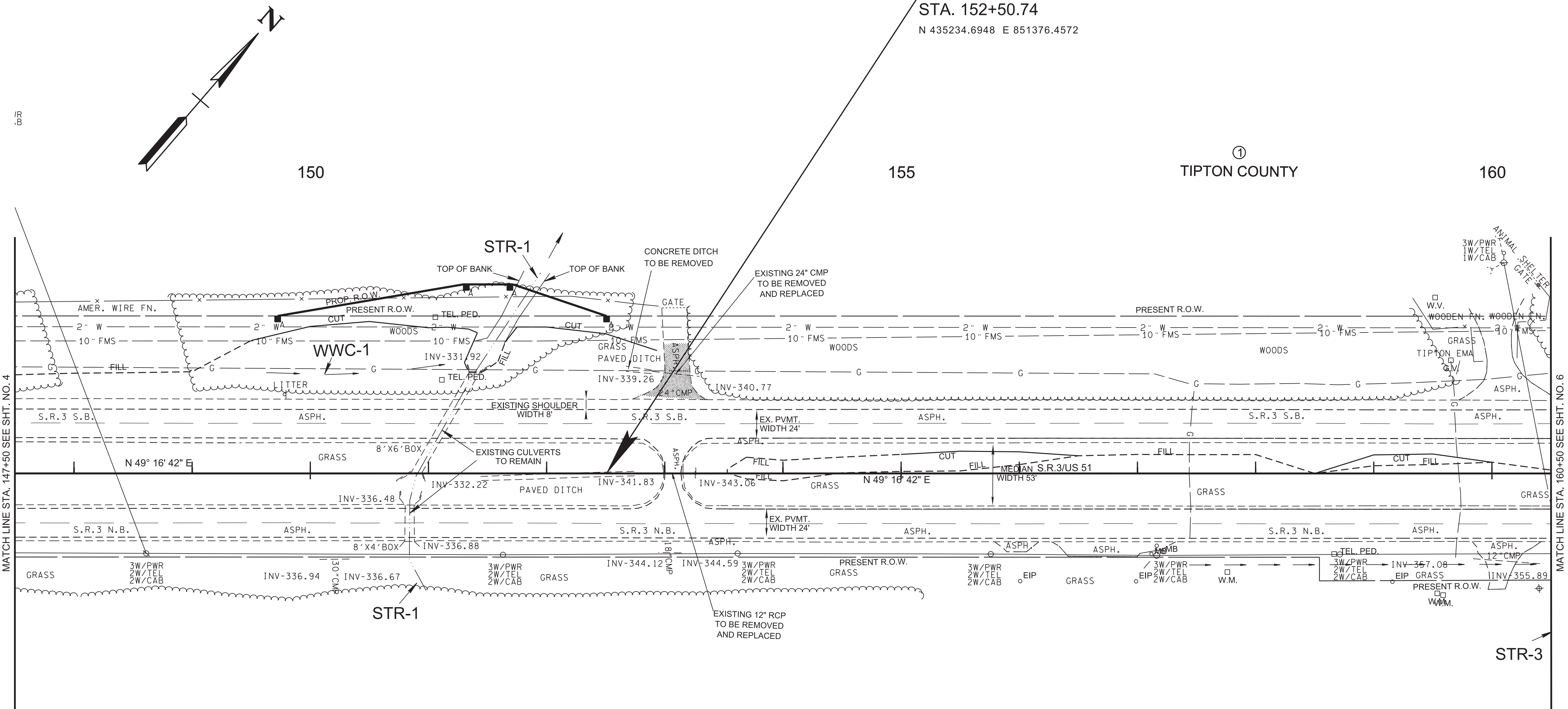
**PROPOSED  
PROFILE**

STA.134+50 TO STA.147+50

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	5
FUNCT.	2025	HSIP-3(150)	5
P.I.H.	2026	HSIP-3(150)	5
PS&E	2026	HSIP-3(150)	5

HSIP-3(150)  
 END PROJECT NO. 84102-2216-94 R.O.W.  
 STA. 152+50.74  
 N 435234.6948 E 851376.4572

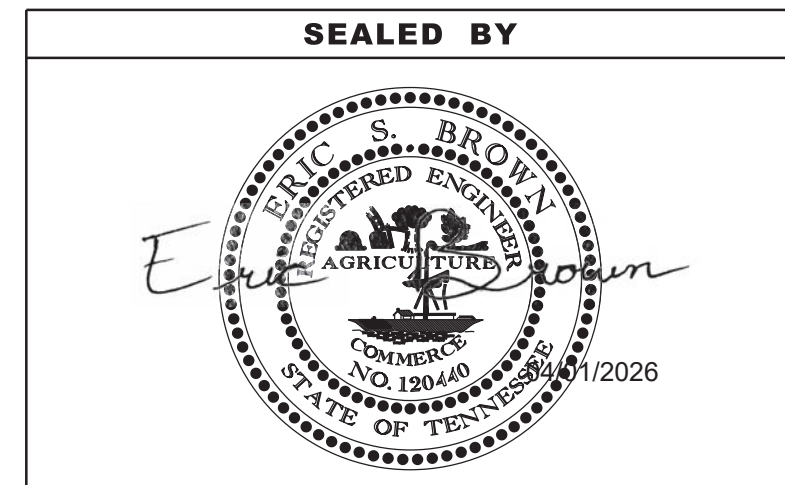


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CONTROL POINT TABLE

Point	North	East	Station	Offset	Elevation
84-003-11	433085.5761	848776.8592	118+92.30	116.9234	387.0500
84-003-12	433295.6529	849188.0021	123+44.91	126.5822	395.6700
84-003-13	434116.0701	850058.1870	135+21.72	-11.2249	384.9600
84-003-14	434377.9590	850283.2171	138+63.26	-63.9061	376.4300
84-003-15	435751.2542	852074.2299	161+16.47	63.7714	357.1100
84-003-16	435997.1369	852372.1972	165+01.98	74.2663	350.1100
TBM*1	435867.9622	852218.3124	163+01.47	70.0315	356.1850
TBM*2	435709.5749	852031.8609	160+57.26	67.6711	358.2300
TBM*3	434103.6406	850164.5491	135+94.82	66.8965	383.3850
TBM*4	433928.0502	849958.2986	133+25.30	69.9138	388.5450

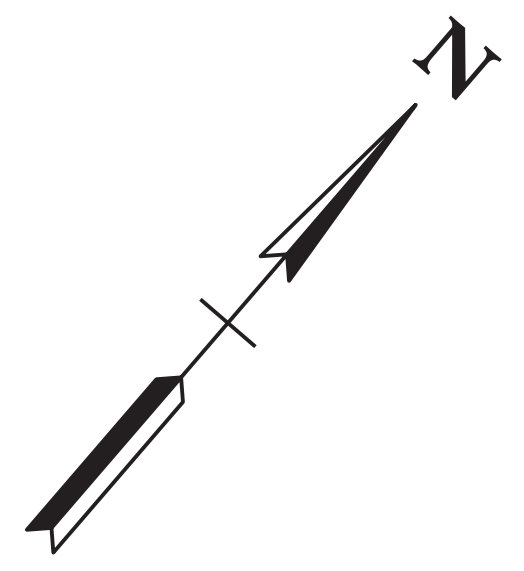


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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

**PRESENT LAYOUT**  
 STA. 147+50 TO STA. 160+50  
 SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	5A
FUNCT.	2025	HSIP-3(150)	5A
P.I.H.	2026	HSIP-3(150)	5A
PS&E	2026	HSIP-3(150)	5A



HSIP-3(150)  
END PROJECT NO. 84102-2216-94 R.O.W.

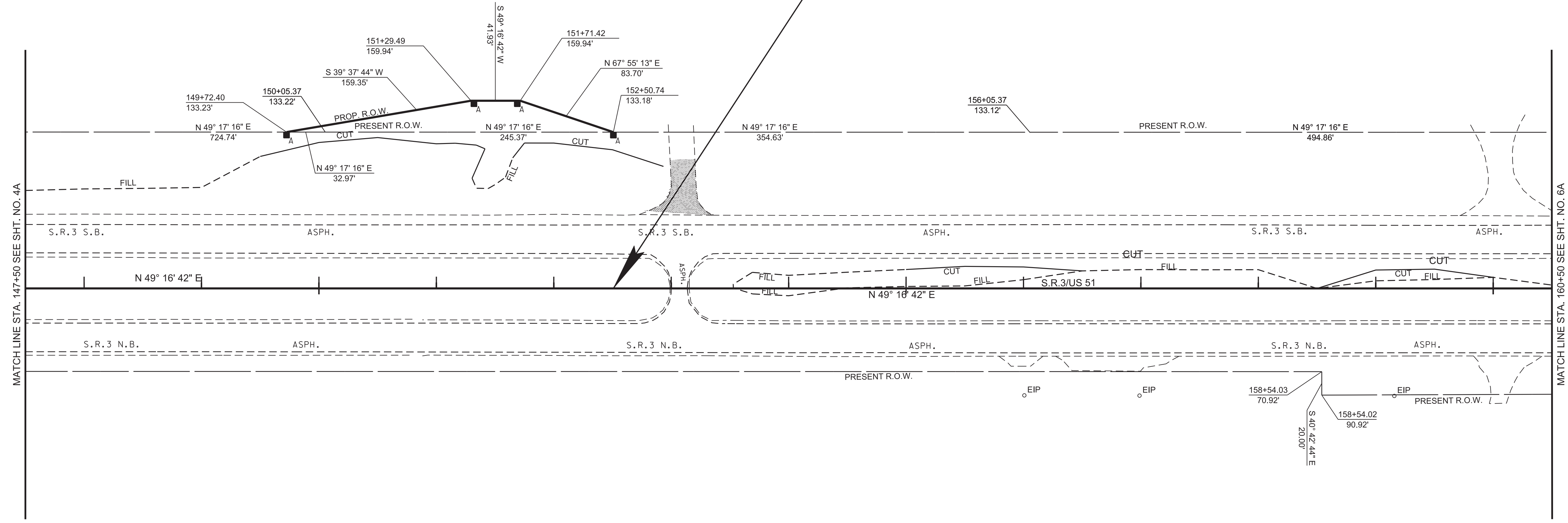
STA. 152+50.74  
N 435234.6948 E 851376.4572

150

155

①  
TIPTON COUNTY

160



MATCH LINE STA. 147+50 SEE SHT. NO. 4A

MATCH LINE STA. 160+50 SEE SHT. NO. 6A

S 49° 42' 44\"/>

20.00'

CONTROL POINT TABLE

Point	North	East	Station	Offset	Elevation
84-003-11	433085.5761	848776.8592	118+92.30	116.9234	387.0500
84-003-12	433295.6529	849188.0021	123+44.91	126.5822	395.6700
84-003-13	434116.0701	850058.1870	135+21.72	-11.2249	384.9600
84-003-14	434377.9590	850283.2171	138+63.26	-63.9061	376.4300
84-003-15	435751.2542	852074.2299	161+16.47	63.7714	357.1100
84-003-16	435997.1369	852372.1972	165+01.98	74.2663	350.1100
TBM*1	435867.9622	852218.3124	163+01.47	70.0315	356.1850
TBM*2	435709.5749	852031.8609	160+57.26	67.6711	358.2300
TBM*3	434103.6406	850164.5491	135+94.82	66.8965	383.3850
TBM*4	433928.0502	849958.2986	133+25.30	69.9138	388.5450

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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY  
DETAILS

STA. 147+50 TO STA. 160+50  
SCALE: 1"=50'

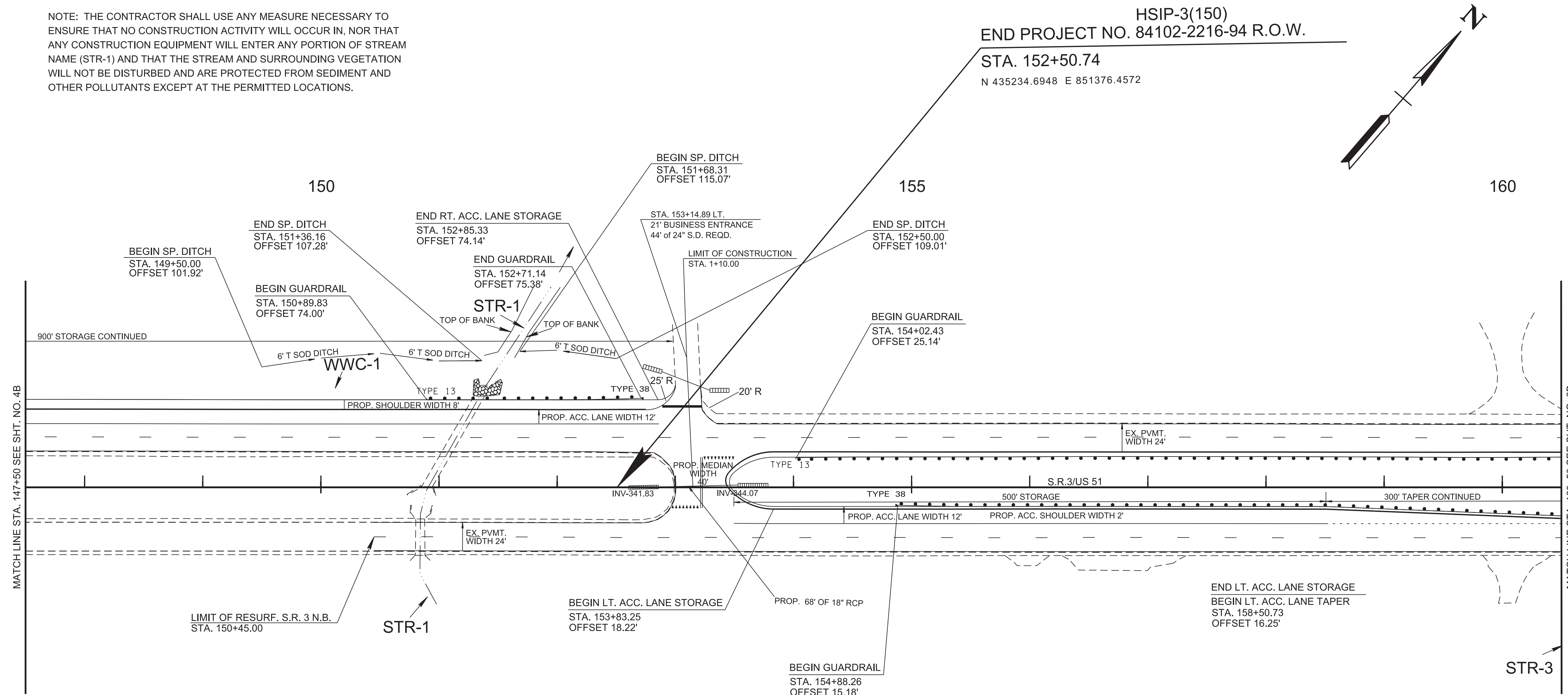
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	5B
FUNCT.	2025	HSIP-3(150)	5B
P.I.H.	2026	HSIP-3(150)	5B
PS&E	2026	HSIP-3(150)	5B

NOTE: WATER AND SEWER CROSSINGS OWNED BY THE TOWN OF BRIGHTON SHOULD NOT BE AFFECTED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING MARK DAUGHERTY BEFORE CONSTRUCTION BEGINS. SEE SHEET 3 FOR CONTACT INFO.

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

HSIP-3(150)  
 END PROJECT NO. 84102-2216-94 R.O.W.  
 STA. 152+50.74  
 N 435234.6948 E 851376.4572



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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

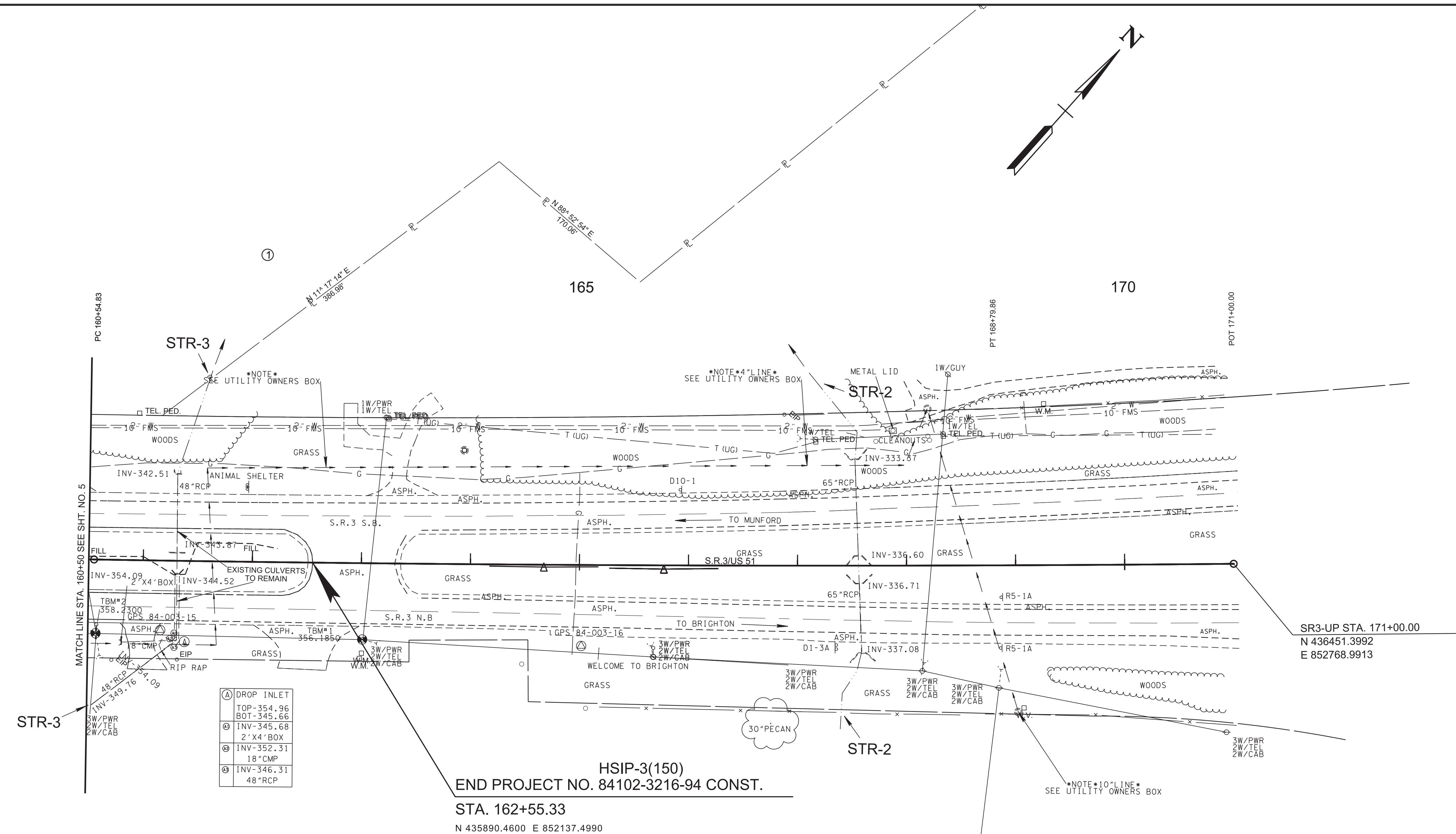
**PROPOSED LAYOUT**

STA. 147+50 TO STA. 160+50  
 SCALE: 1"=50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	6
FUNCT.	2025	HSIP-3(150)	6
P.I.H.	2026	HSIP-3(150)	6
PS&E	2026	HSIP-3(150)	6

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(A)	DROP INLET
	TOP-354.96
	BOT-345.66
(1)	INV-345.68
	2' X 4' BOX
(2)	INV-352.31
	18" CMP
(3)	INV-346.31
	48" RCP

HSIP-3(150)  
 END PROJECT NO. 84102-3216-94 CONST.  
 STA. 162+55.33  
 N 435890.4600 E 852137.4990

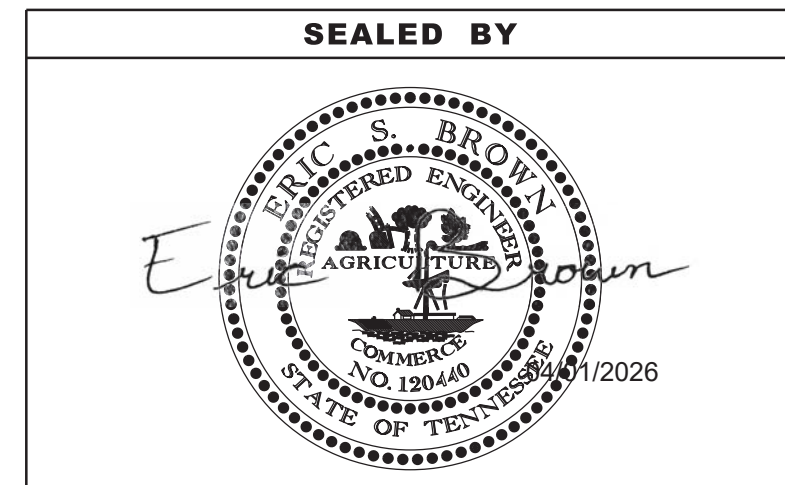
CURVE C5-UP  
 PI 165+77.44  
 N 436,100.2208  
 E 852,381.9514  
 Δ 1° 29' 50" (LT)  
 D 0' 08' 36"  
 R 40,000.00  
 L 1,045.17  
 T 522.61  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000

CURVE C5  
 PI 164+67.36  
 N 436,028.4042  
 E 852,298.5211  
 Δ 1° 10' 54" (LT)  
 D 0' 08' 36"  
 R 40,000.00  
 L 825.03  
 T 412.53  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000

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CONTROL POINT TABLE

Point	North	East	Station	Offset	Elevation
84-003-11	433085.5761	848776.8592	118+92.30	116.9234	387.0500
84-003-12	433295.6529	849188.0021	123+44.91	126.5822	395.6700
84-003-13	434116.0701	850058.1870	135+21.72	-11.2249	384.9600
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TBM#3	434103.6406	850164.5491	135+94.82	66.8965	383.3850
TBM#4	433928.0502	849958.2986	133+25.30	69.9138	388.5450

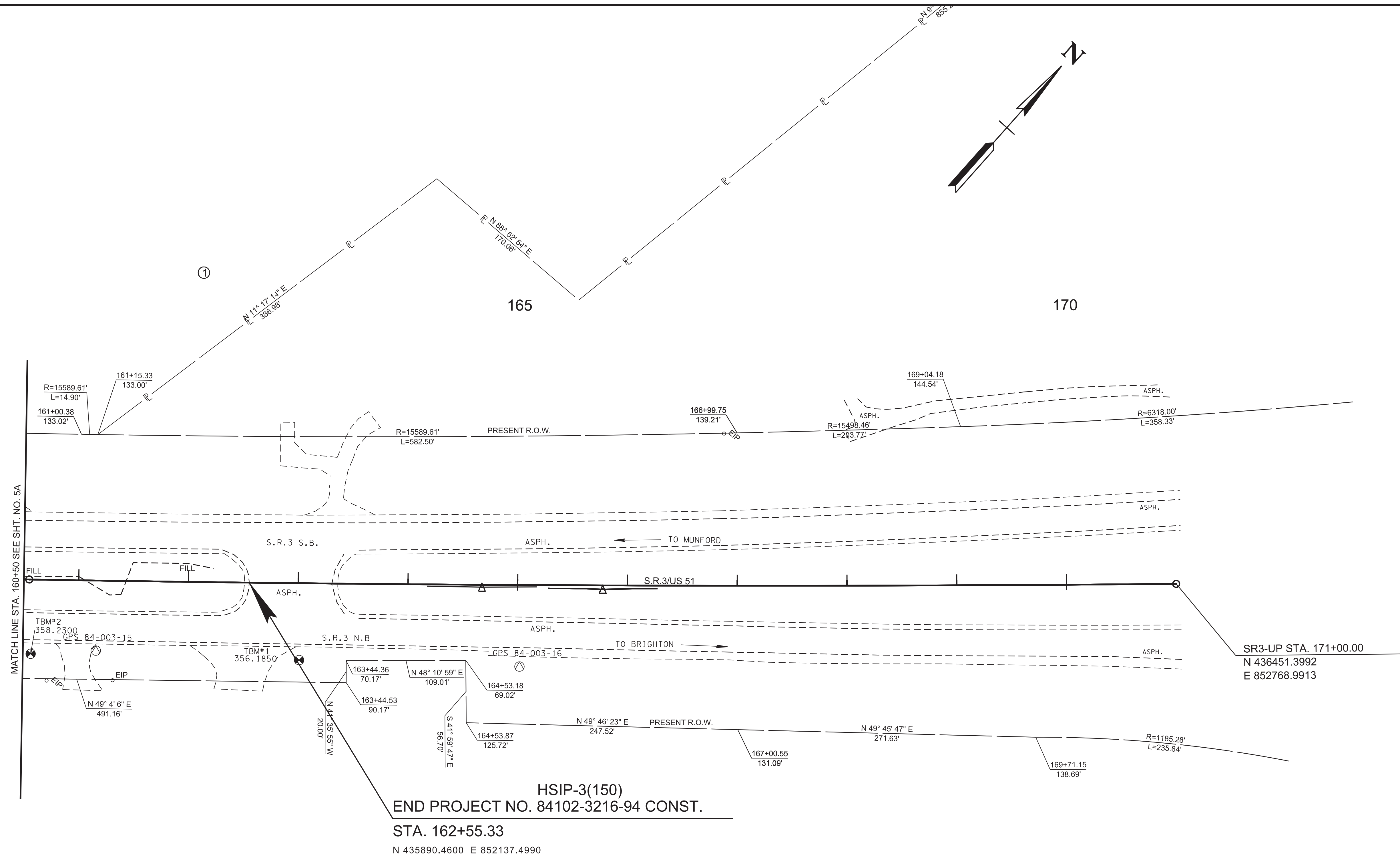


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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

**PRESENT LAYOUT**  
 STA. 160+50 TO STA. 171+00  
 SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	6A
FUNCT.	2025	HSIP-3(150)	6A
P.I.H.	2026	HSIP-3(150)	6A
PS&E	2026	HSIP-3(150)	6A

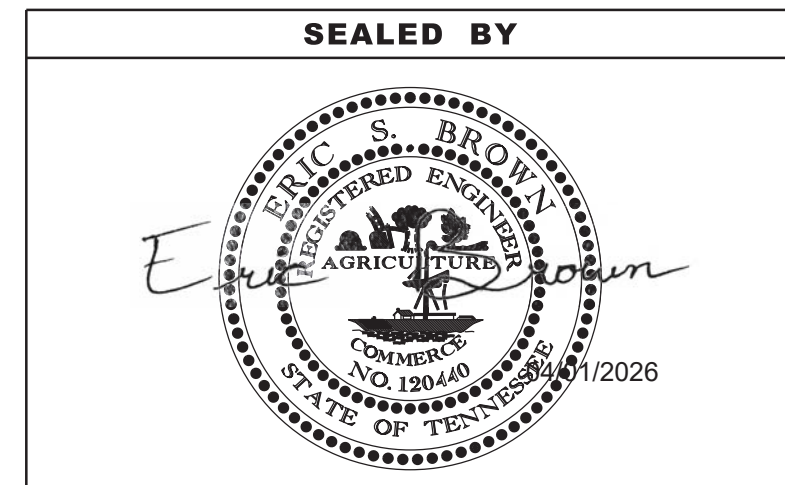


HSIP-3(150)  
 END PROJECT NO. 84102-3216-94 CONST.  
 STA. 162+55.33  
 N 435890.4600 E 852137.4990

SR3-UP STA. 171+00.00  
 N 436451.3992  
 E 852768.9913

CONTROL POINT TABLE

Point	North	East	Station	Offset	Elevation
84-003-11	433085.5761	848776.8592	118+92.30	116.9234	387.0500
84-003-12	433295.6529	849188.0021	123+44.91	126.5822	395.6700
84-003-13	434116.0701	850058.1870	135+21.72	-11.2249	384.9600
84-003-14	434377.9590	850283.2171	138+63.26	-63.9061	376.4300
84-003-15	435751.2542	852074.2299	161+16.47	63.7714	357.1100
84-003-16	435997.1369	852372.1972	165+01.98	74.2663	350.1100
TBM#1	435867.9622	852218.3124	163+01.47	70.0315	356.1850
TBM#2	435709.5749	852031.8609	160+57.26	67.6711	358.2300
TBM#3	434103.6406	850164.5491	135+94.82	66.8965	383.3850
TBM#4	433928.0502	849958.2986	133+25.30	69.9138	388.5450



COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

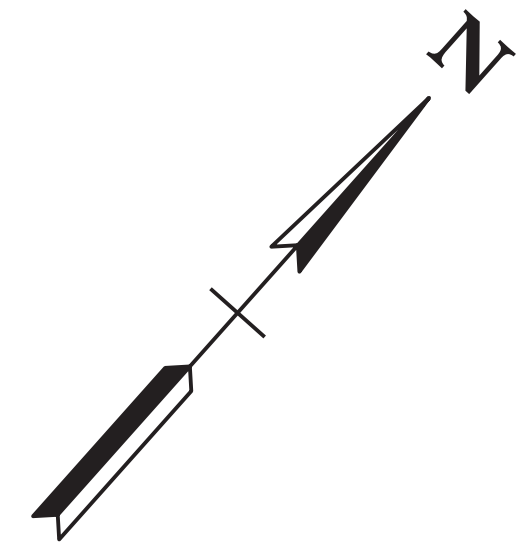
**RIGHT OF WAY  
 DETAILS**  
 STA. 160+50 TO STA. 171+00  
 SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	6B
FUNCT.	2025	HSIP-3(150)	6B
P.I.H.	2026	HSIP-3(150)	6B
PS&E	2026	HSIP-3(150)	6B

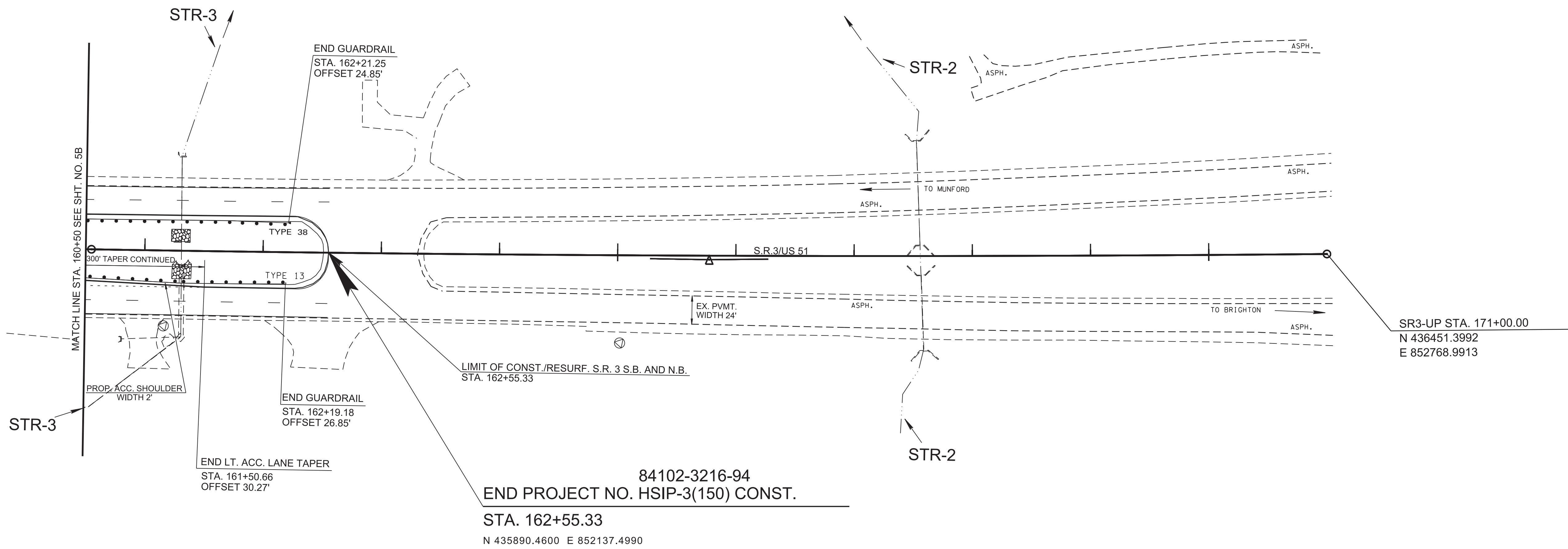
NOTE: WATER AND SEWER CROSSINGS OWNED BY THE TOWN OF BRIGHTON SHOULD NOT BE AFFECTED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING MARK DAUGHERTY BEFORE CONSTRUCTION BEGINS. SEE SHEET 3 FOR CONTACT INFO.

NOTE: THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT NO CONSTRUCTION ACTIVITY WILL OCCUR IN, NOR THAT ANY CONSTRUCTION EQUIPMENT WILL ENTER ANY PORTION OF STREAM NAME (STR-2 AND STR-3) AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

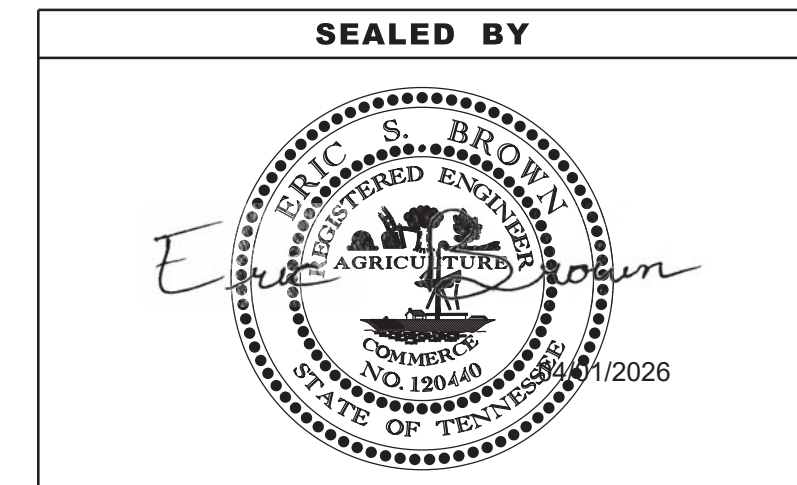


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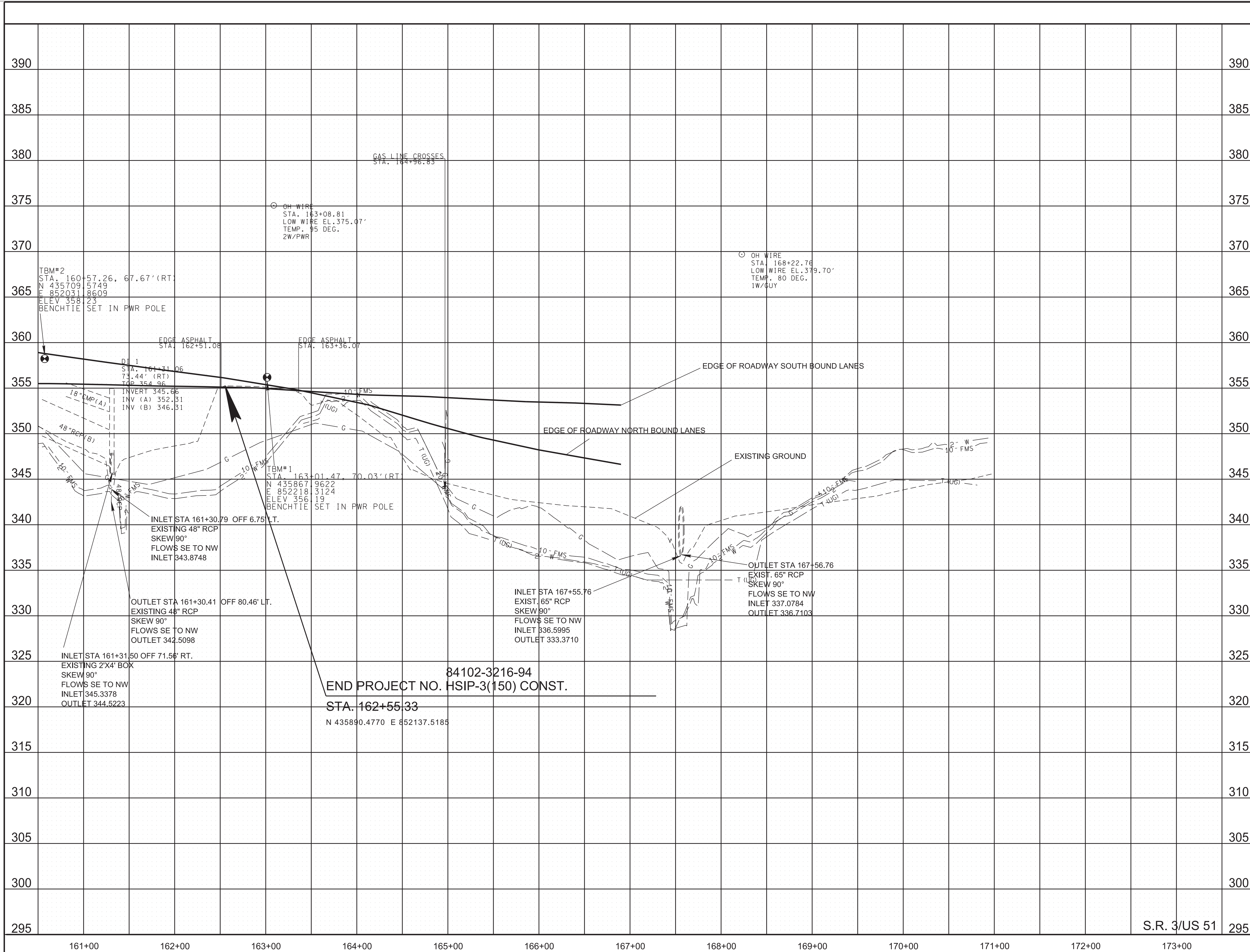
COORDINATES ARE NAD 83(2011). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEIOD 12B MODEL.

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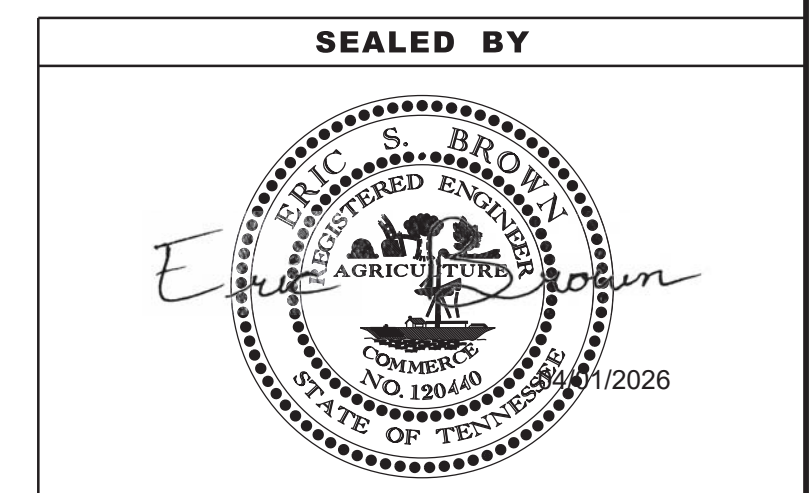
**PROPOSED LAYOUT**

STA.160+50 TO STA.171+00  
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	6C
FUNCT.	2025	HSIP-3(150)	6C
P.I.H.	2026	HSIP-3(150)	6C
PS&E	2026	HSIP-3(150)	6C



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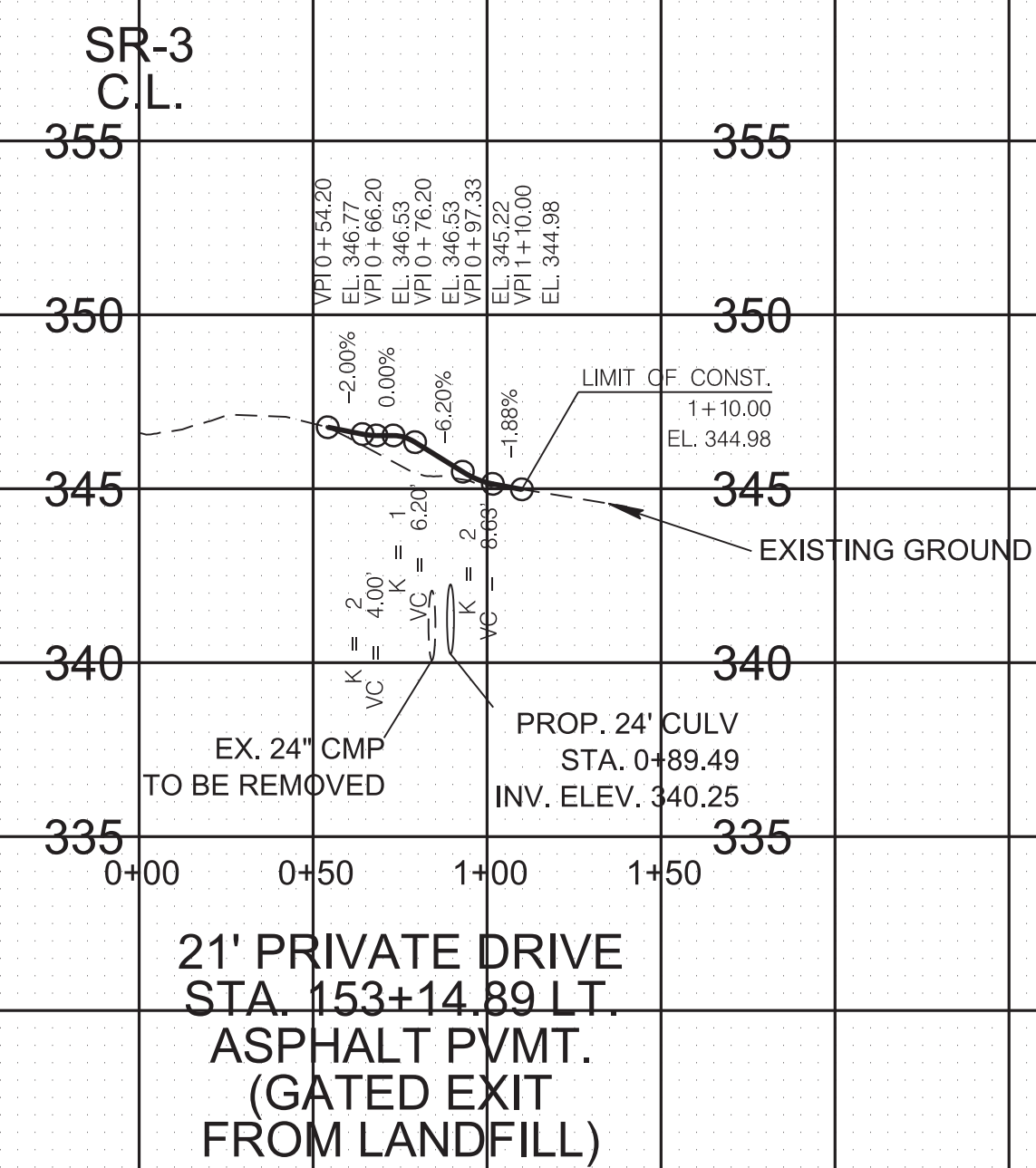
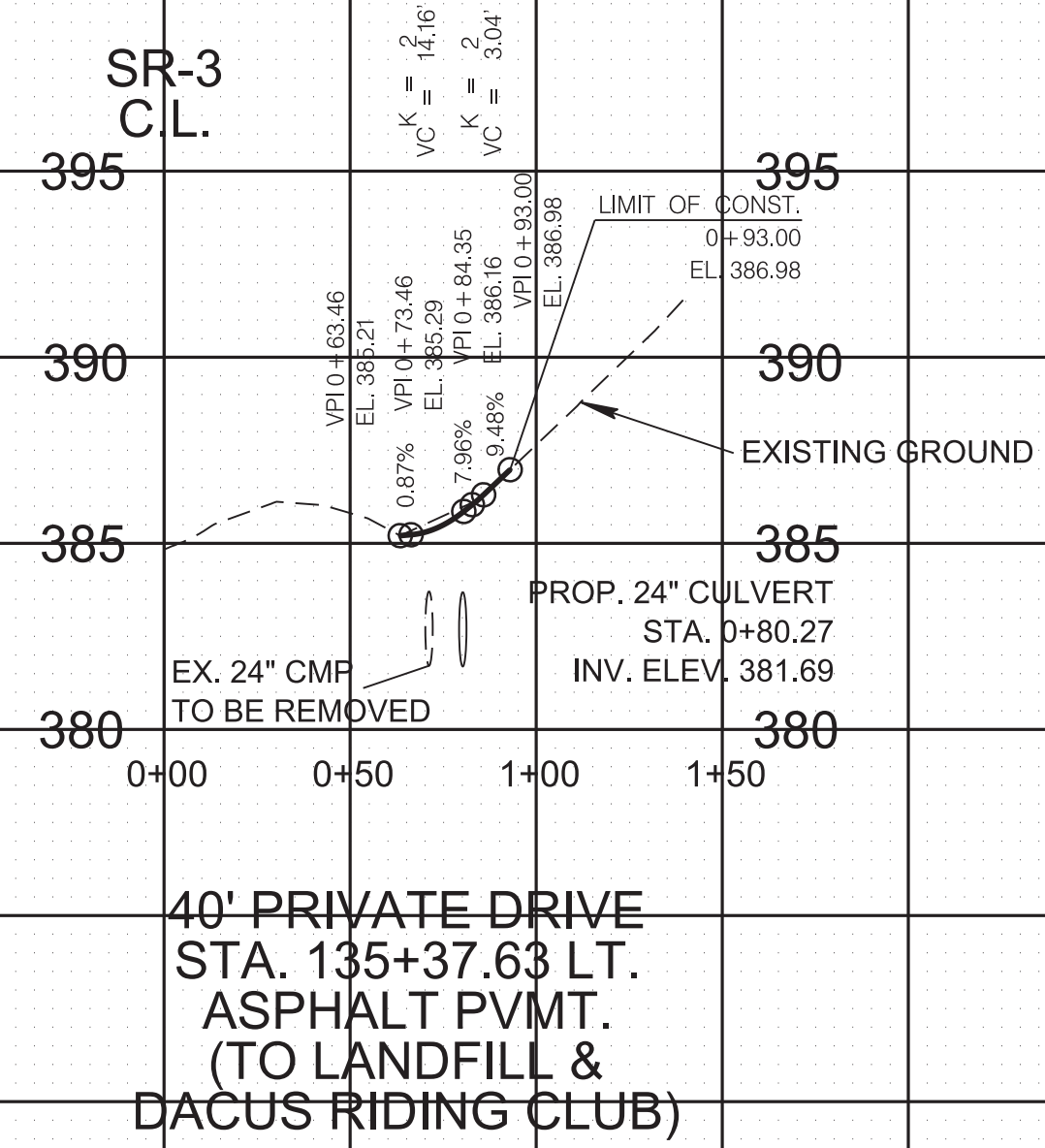
**STATE OF TENNESSEE**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED PROFILE**  
 STA.160+50 TO STA.171+00

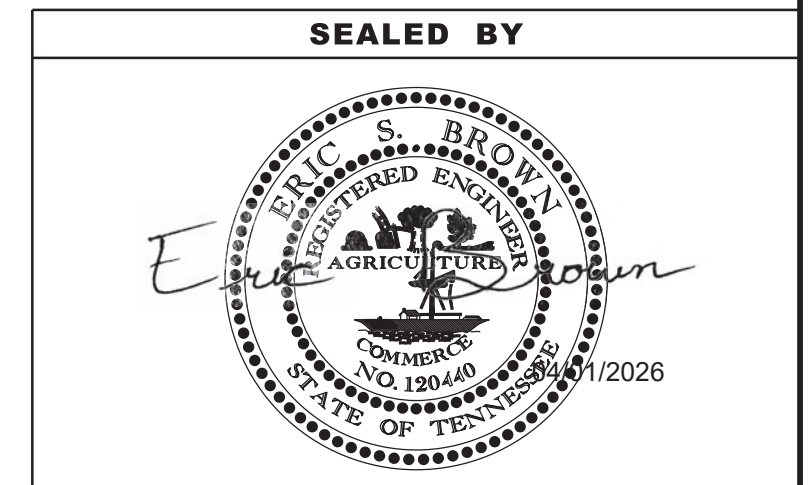
SCALE: 1"=50' HORIZ.  
 1"=5' VERT.

S.R. 3/US 51

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	7
P.I.H.	2026	HSIP-3(150)	7
PS&E	2026	HSIP-3(150)	7



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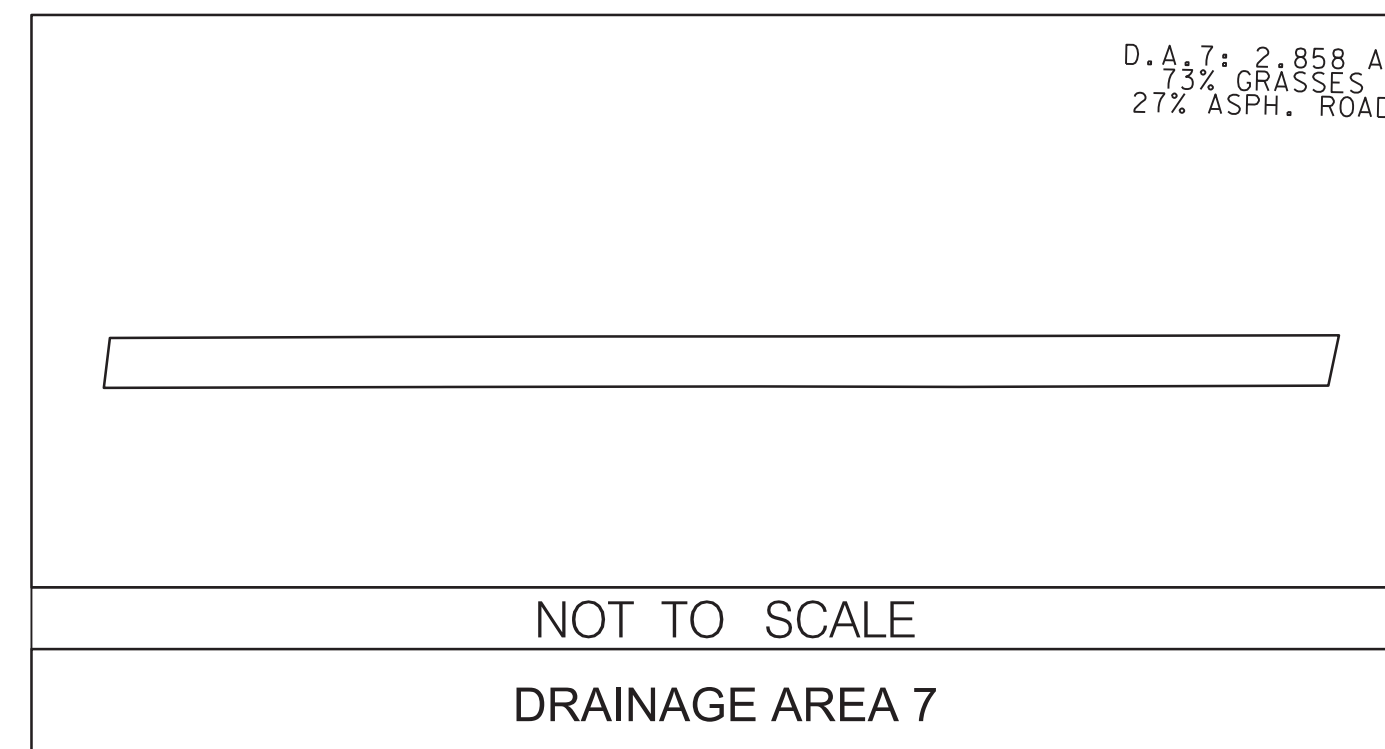
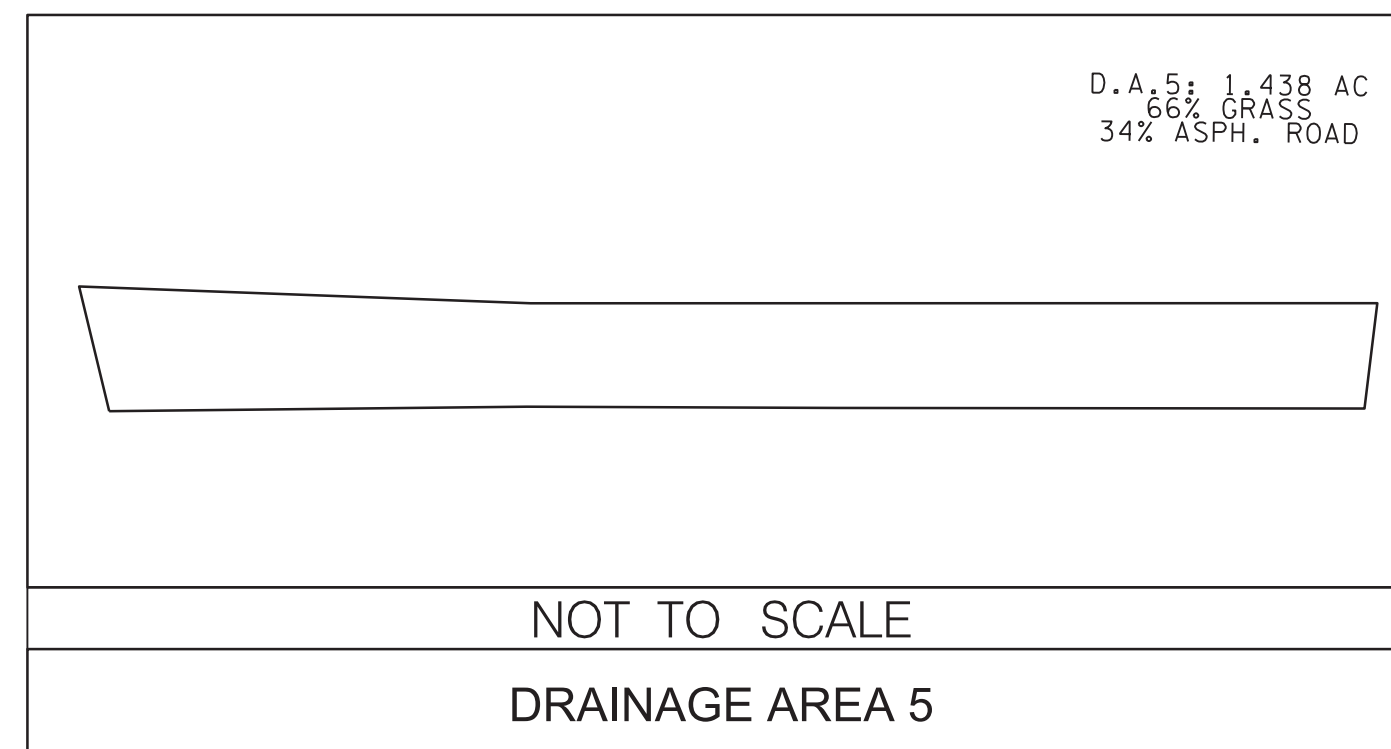
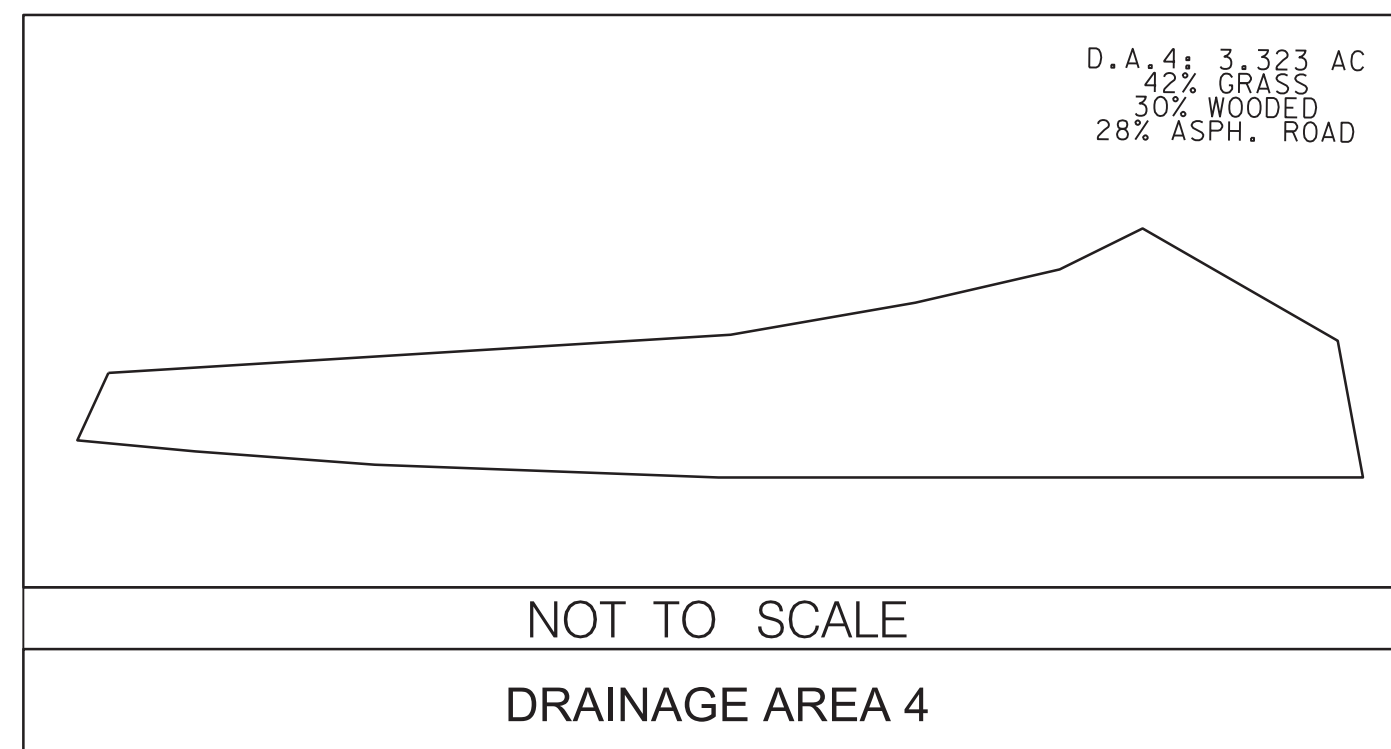
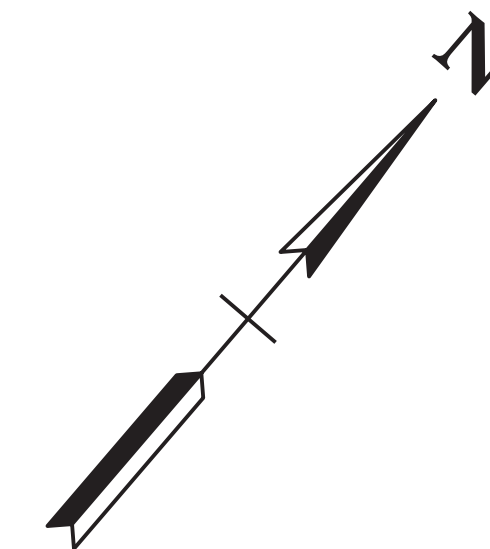


STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

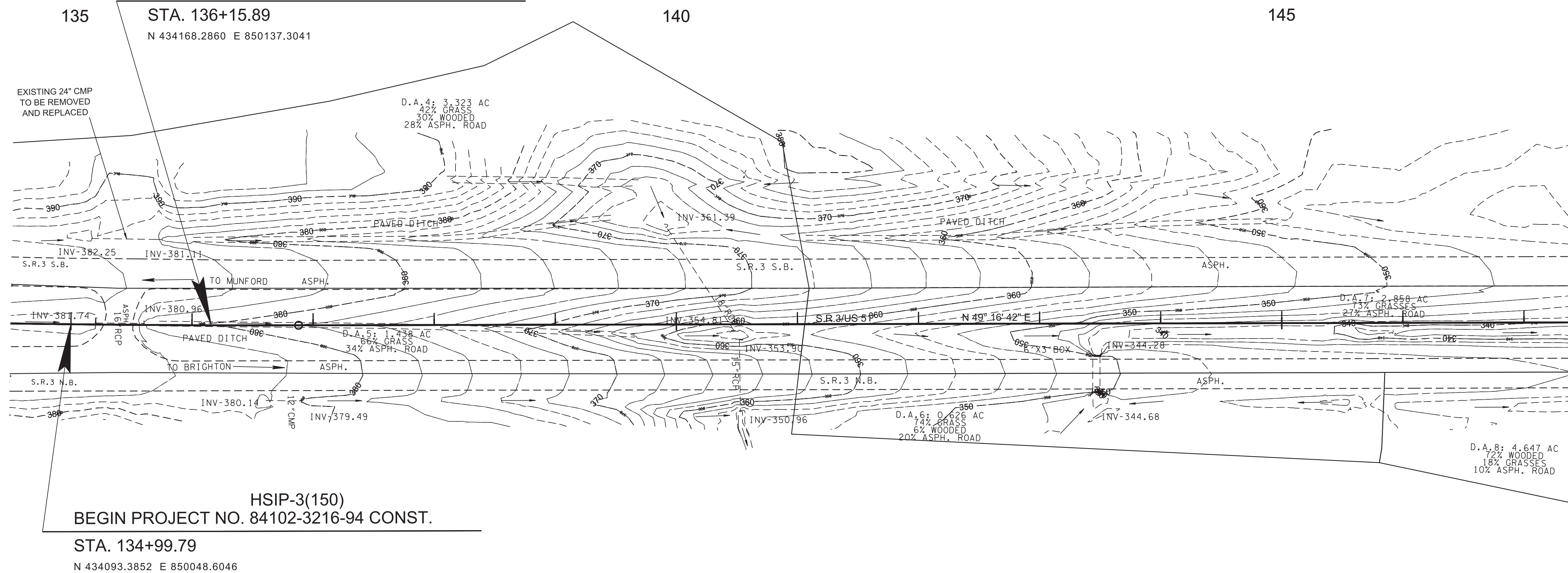
PRIVATE DRIVE,  
BUSINESS, AND  
FIELD ENTRANCE  
PROFILES

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	7
FUNCT.	2025	HSIP-3(150)	8
P.I.H.	2026	HSIP-3(150)	8
PS&E	2026	HSIP-3(150)	8



84102-2216-94  
BEGIN PROJECT NO. HSIP-3(150) R.O.W.



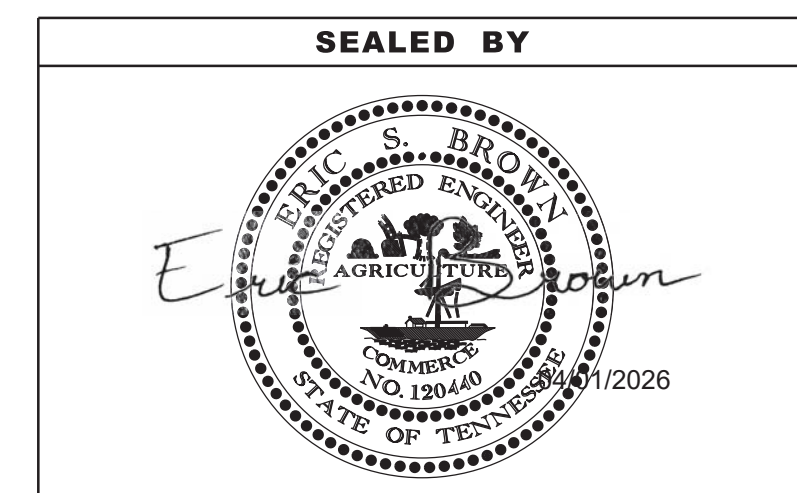
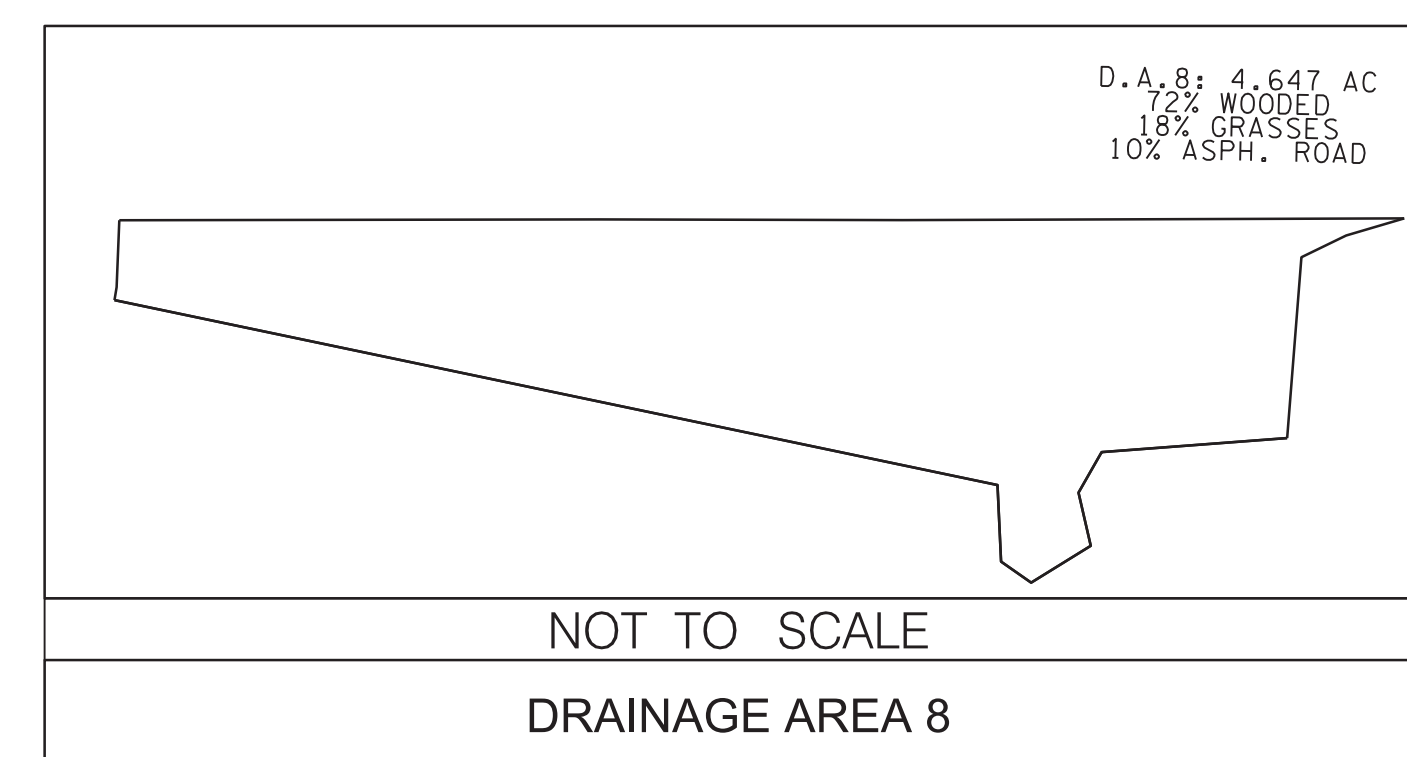
**DRAINAGE DATA FOR D.A. 4**  
**STATION 135+00 LEFT OF CL**  
DIRECTION OF FLOW: NORTHEAST  
DRAINAGE AREA 3.323 AC, ( ) FLAT; ( X ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: 18" RCP  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:

**DRAINAGE DATA FOR D.A. 6**  
**STATION 142+00 RIGHT OF CL**  
DIRECTION OF FLOW: NORTHEAST  
DRAINAGE AREA 0.626 AC, ( X ) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: 6'X3' CONC. BOX  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:

**DRAINAGE DATA FOR D.A. 8**  
**STATION 152+00 RIGHT OF CL**  
DIRECTION OF FLOW: NORTHEAST/SOUTHWEST  
DRAINAGE AREA 4.647 AC, ( X ) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: 8'X4' CONC. BOX  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:

**DRAINAGE DATA FOR D.A. 5**  
**STATION 138+00 IN MEDIAN**  
DIRECTION OF FLOW: NORTHEAST  
DRAINAGE AREA 1.438 AC, ( X ) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: 15" RCP  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:

**DRAINAGE DATA FOR D.A. 7**  
**STATION 152+00 IN MEDIAN**  
DIRECTION OF FLOW: NORTHEAST/SOUTHWEST  
DRAINAGE AREA 2.858 AC, ( X ) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: 8'X6' CONC. BOX  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:



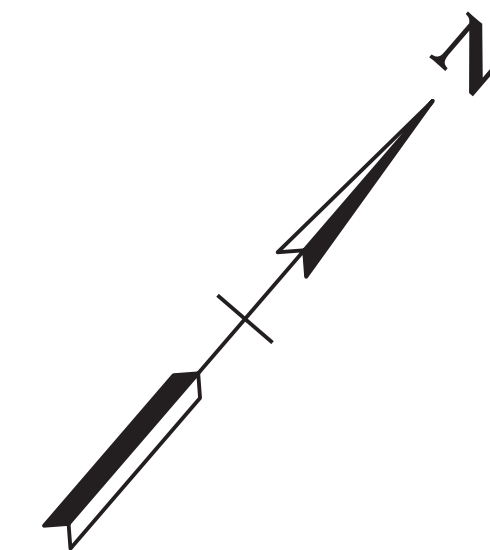
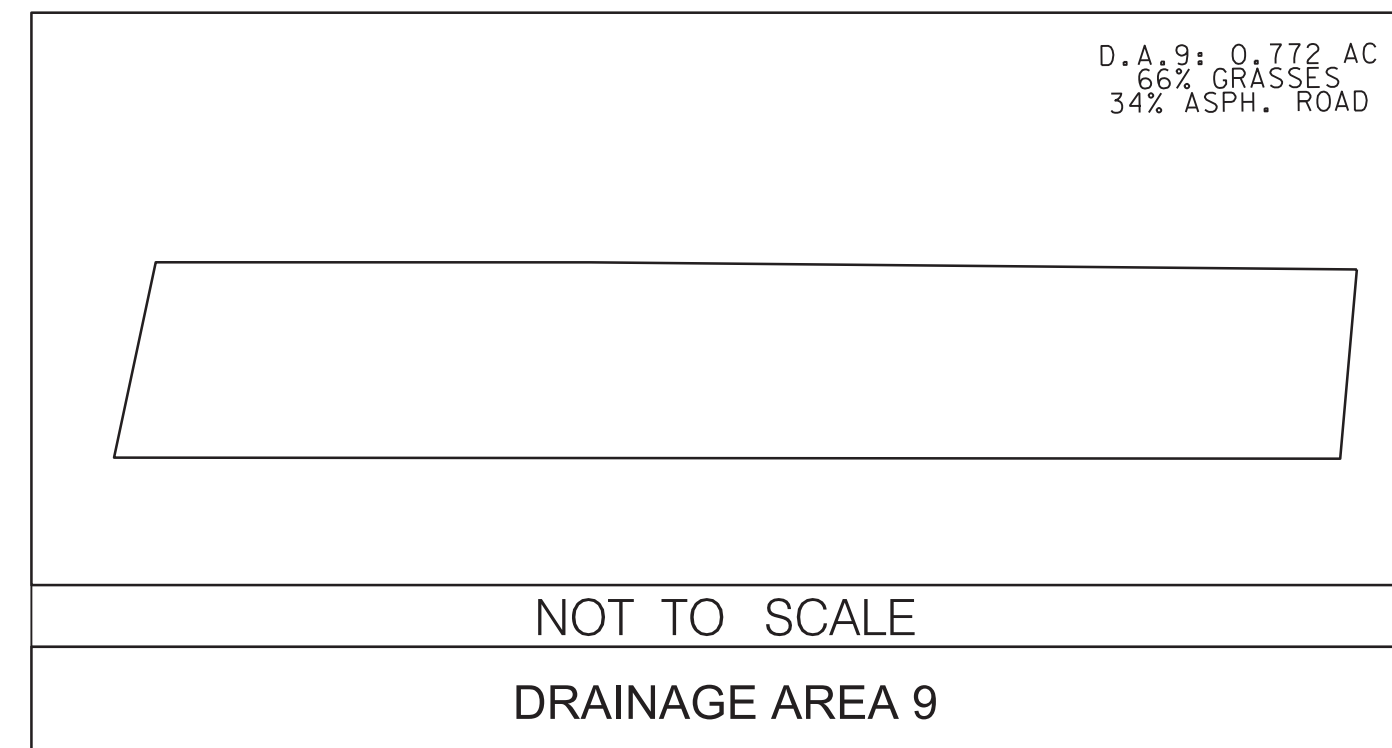
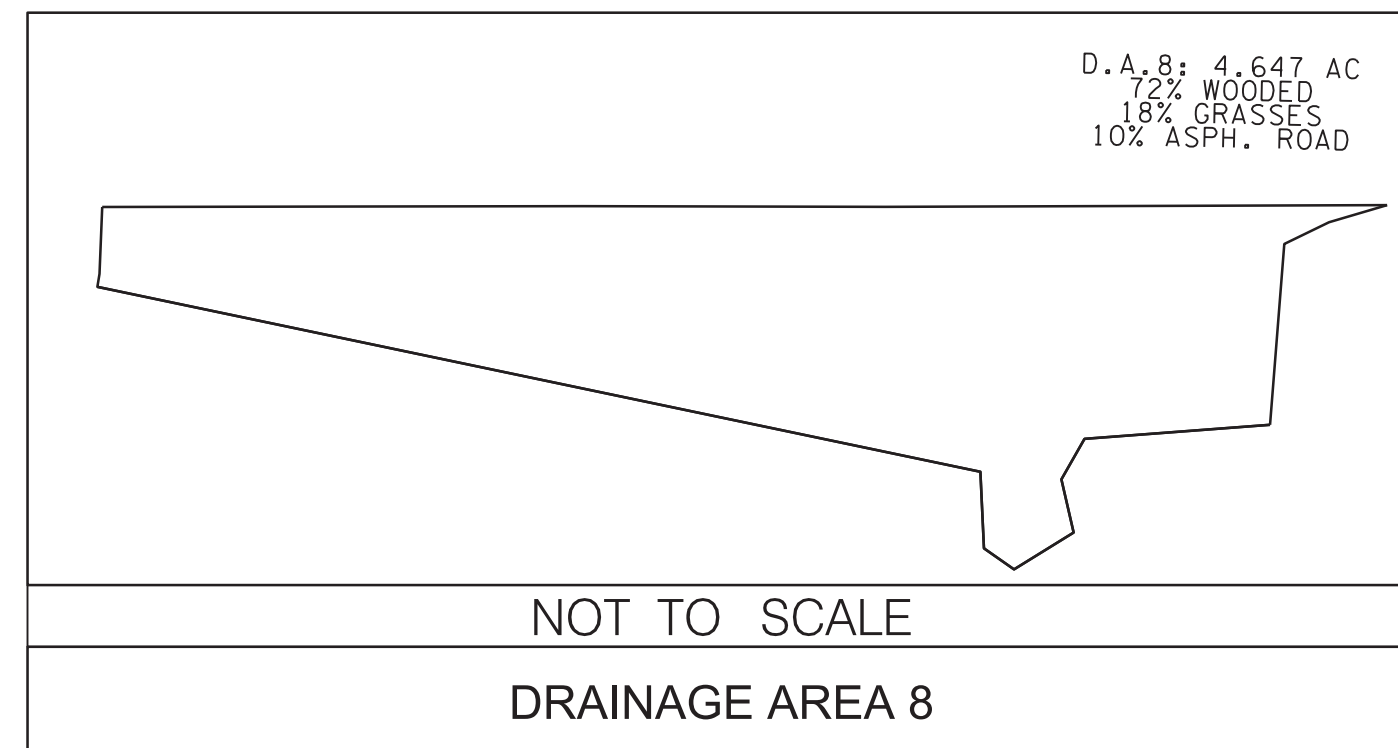
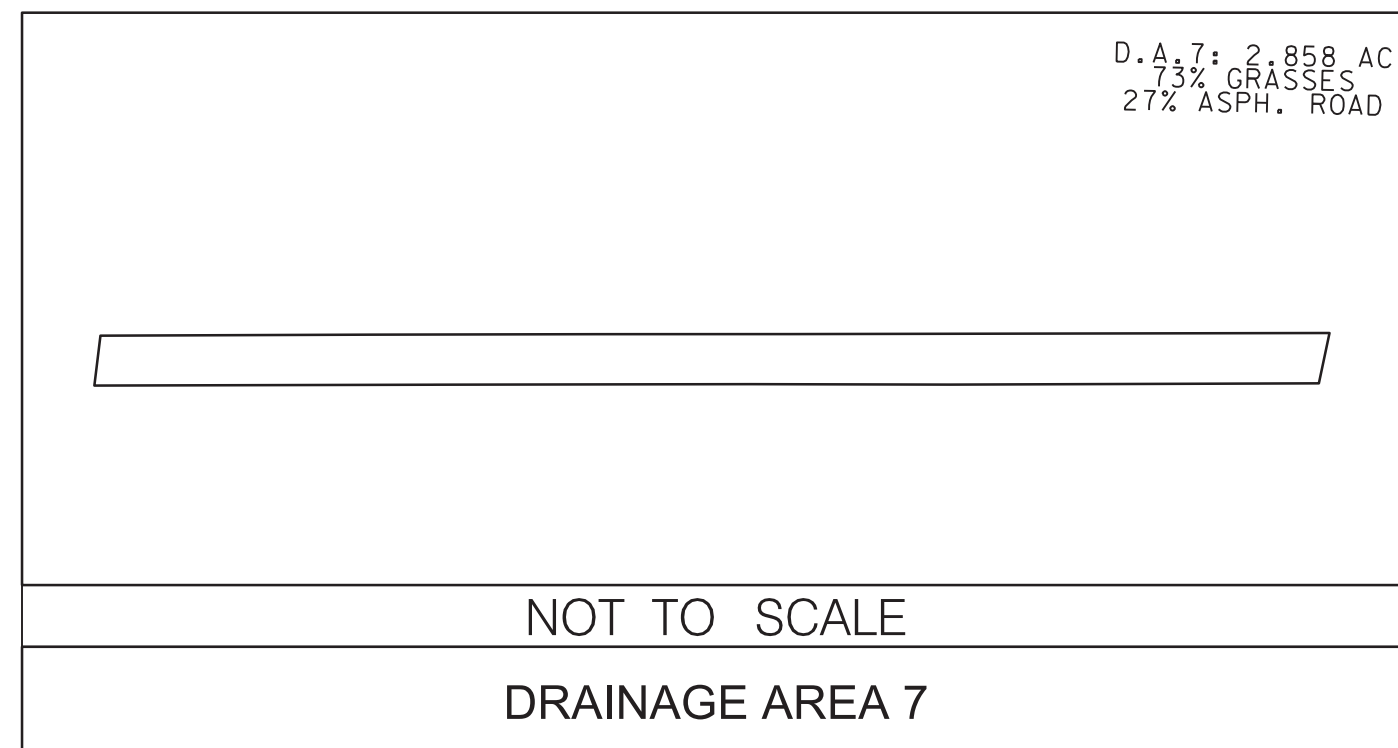
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

**DRAINAGE MAP**  
STA. 134+50 TO STA. 147+50  
SCALE: 1"=50'

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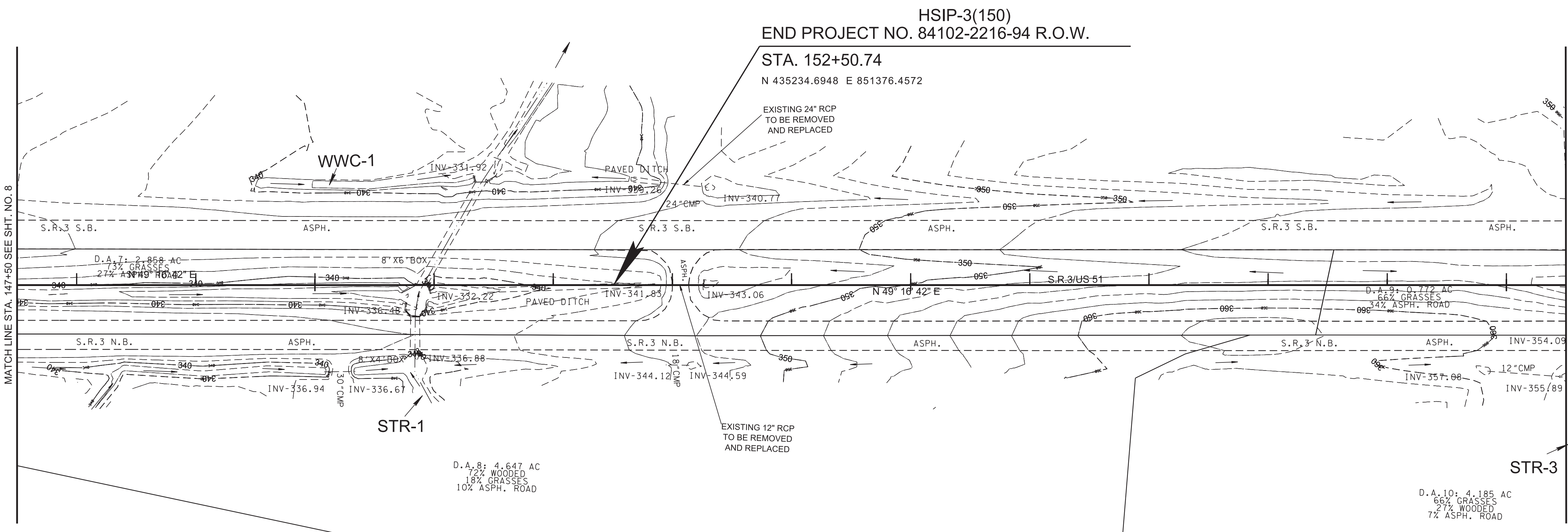
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	8
FUNCT.	2025	HSIP-3(150)	9
P.I.H.	2026	HSIP-3(150)	9
PS&E	2026	HSIP-3(150)	9



150

155

160



**DRAINAGE DATA FOR D.A. 7  
STATION 152+00 IN MEDIAN**

DIRECTION OF FLOW: NORTHEAST/SOUTHWEST  
DRAINAGE AREA 2.858 AC, (X) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: 8'X6' CONC. BOX  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:

**DRAINAGE DATA FOR D.A. 8  
STATION 152+00 RIGHT OF CL**

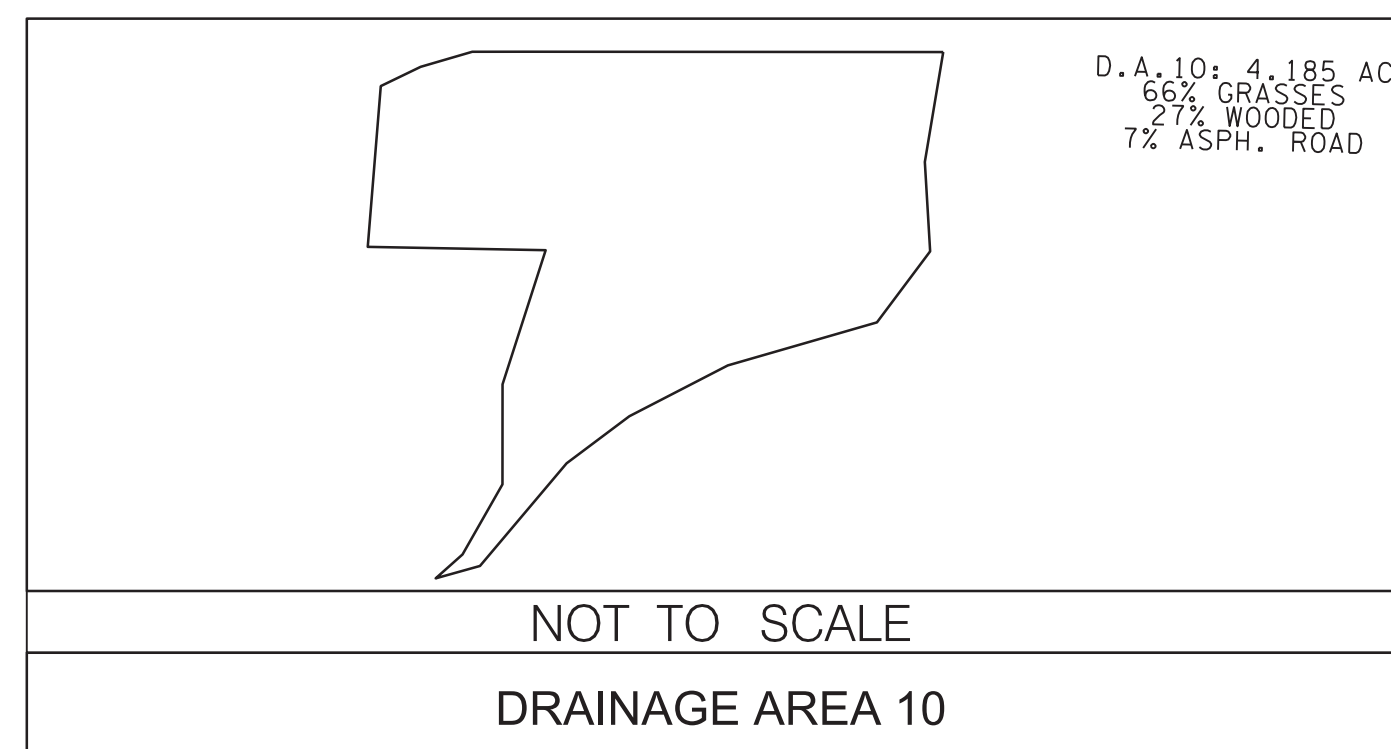
DIRECTION OF FLOW: NORTHEAST/SOUTHWEST  
DRAINAGE AREA 4.647 AC, (X) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: 8'X4' CONC. BOX  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:

**DRAINAGE DATA FOR D.A. 9  
STATION 161+00 IN MEDIAN**

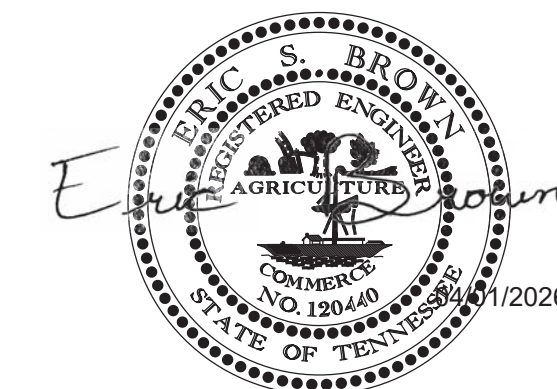
DIRECTION OF FLOW: NORTHEAST  
DRAINAGE AREA 0.772 AC, (X) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: 48" RCP  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:

**DRAINAGE DATA FOR D.A. 10  
STATION 161+00 RIGHT OF CL**

DIRECTION OF FLOW: NORTH  
DRAINAGE AREA 4.185 AC, (X) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.  
PRESENT STRUCTURE: DROP INLET  
EXISTING STRUCTURE CONDITION: GOOD  
REMARKS:



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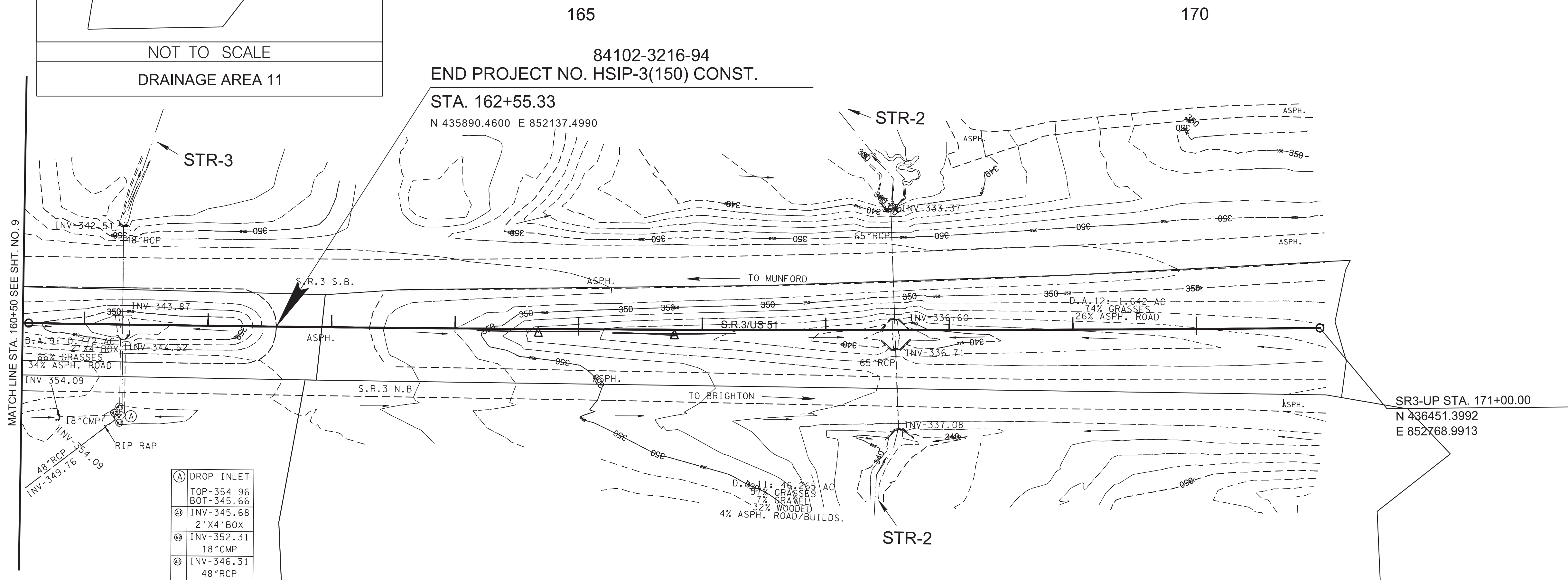
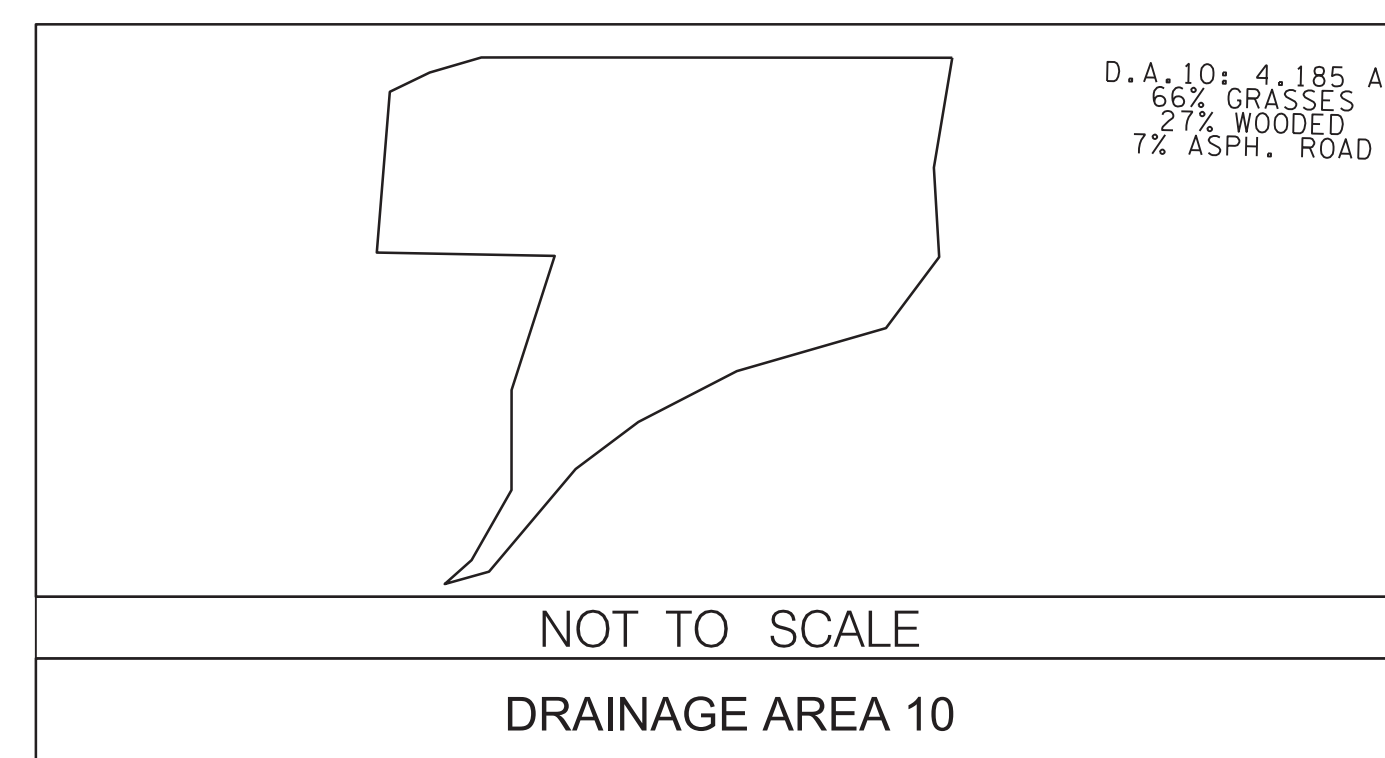
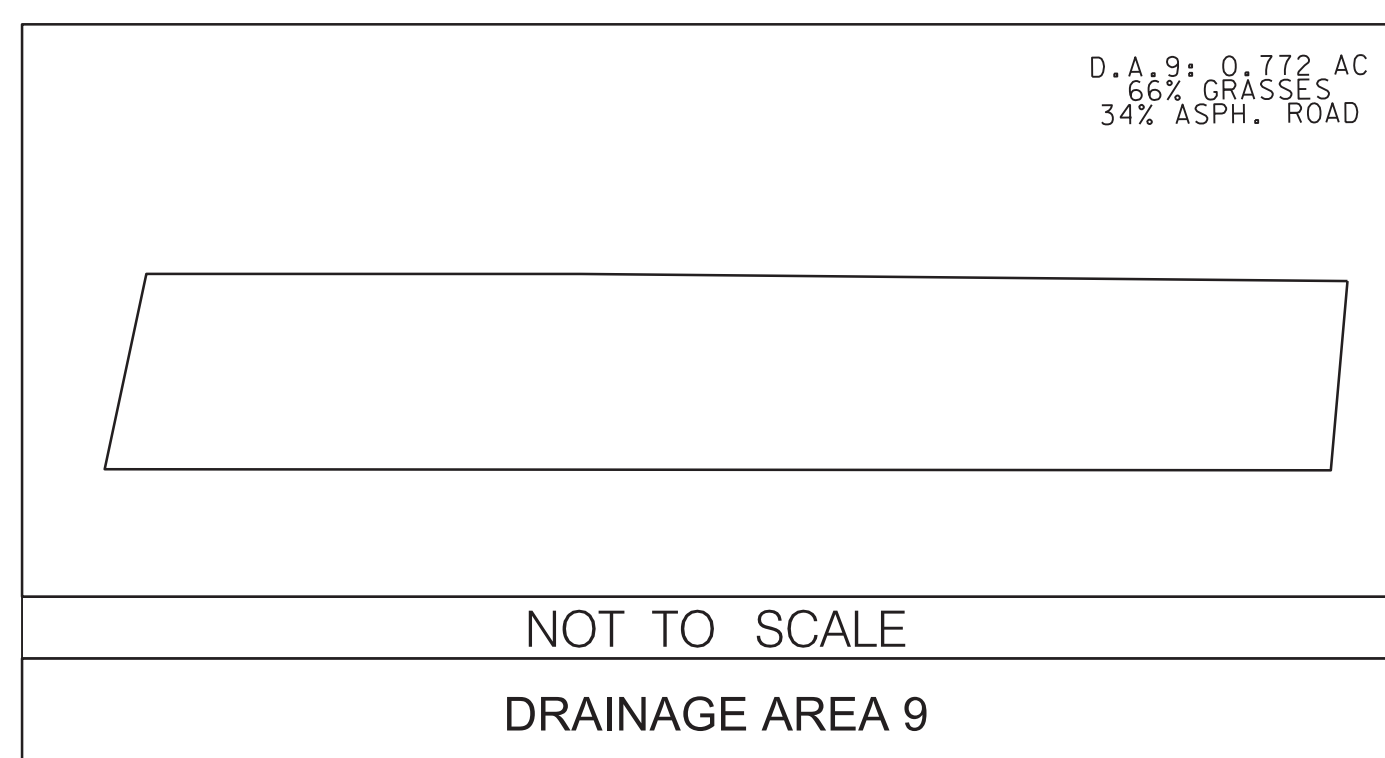
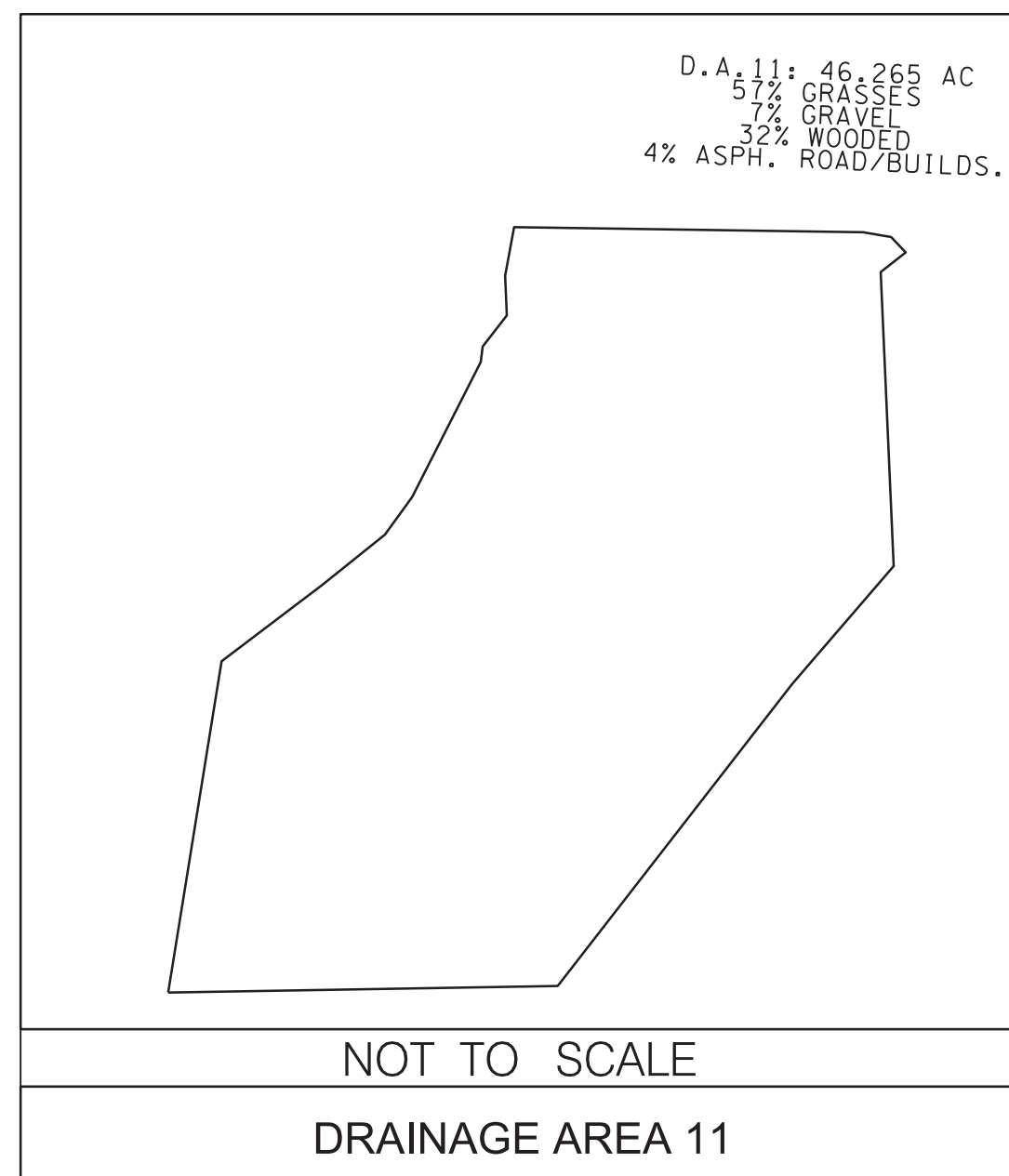
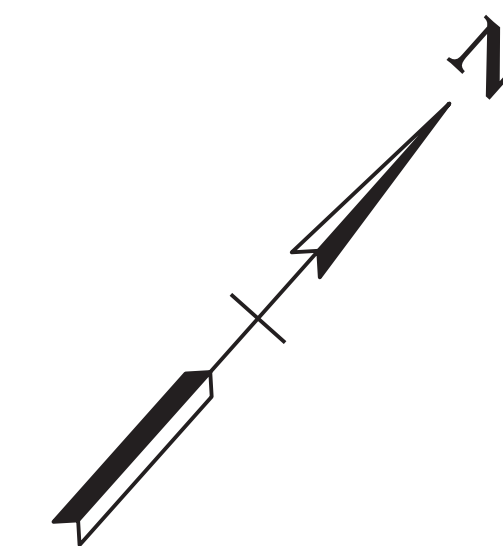


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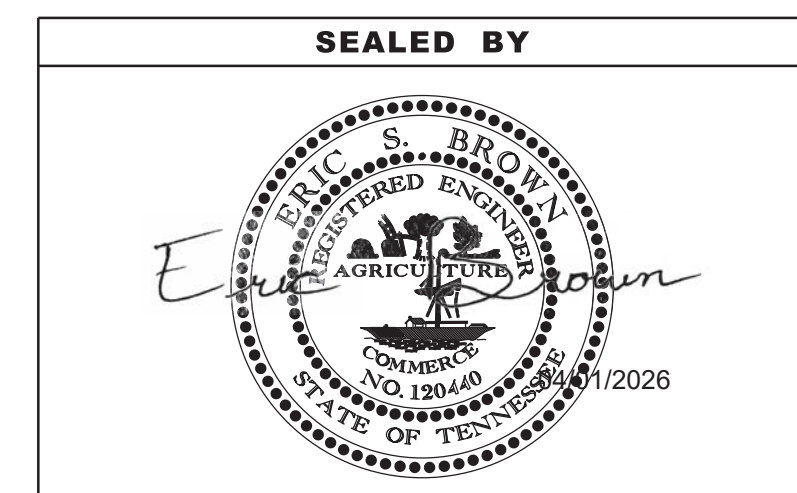
**DRAINAGE  
MAP**  
STA. 147+50 TO STA. 160+50  
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2023	HSIP-3(150)	9
FUNCT.	2025	HSIP-3(150)	10
P.I.H.	2026	HSIP-3(150)	10
PS&E	2026	HSIP-3(150)	10



(A)	DROP INLET
	TOP-354.96
	BOT-345.66
(B)	INV-345.68
	2' X 4' BOX
(C)	INV-352.31
	18" CMP
(D)	INV-346.31
	48" RCP

<p><b>DRAINAGE DATA FOR D.A. 9</b> <b>STATION 161+00 IN MEDIAN</b></p> <p>DIRECTION OF FLOW: NORTHEAST</p> <p>DRAINAGE AREA 0.772 AC, (X) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.</p> <p>PRESENT STRUCTURE: 48" RCP</p> <p>EXISTING STRUCTURE CONDITION: GOOD</p> <p>REMARKS:</p>	<p><b>DRAINAGE DATA FOR D.A. 11</b> <b>STATION 167+00 RIGHT OF CL</b></p> <p>DIRECTION OF FLOW: NORTH</p> <p>DRAINAGE AREA 46.265 AC, ( ) FLAT; (X) ROLLING; ( ) HILLY; ( ) MTNS.</p> <p>PRESENT STRUCTURE: 65" RCP</p> <p>EXISTING STRUCTURE CONDITION: GOOD</p> <p>REMARKS:</p>
<p><b>DRAINAGE DATA FOR D.A. 10</b> <b>STATION 161+00 RIGHT OF CL</b></p> <p>DIRECTION OF FLOW: NORTH</p> <p>DRAINAGE AREA 4.185 AC, (X) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.</p> <p>PRESENT STRUCTURE: DROP INLET</p> <p>EXISTING STRUCTURE CONDITION: GOOD</p> <p>REMARKS:</p>	<p><b>DRAINAGE DATA FOR D.A. 12</b> <b>STATION 168+00 IN MEDIAN</b></p> <p>DIRECTION OF FLOW: NORTHEAST/SOUTHWEST</p> <p>DRAINAGE AREA 1.642 AC, (X) FLAT; ( ) ROLLING; ( ) HILLY; ( ) MTNS.</p> <p>PRESENT STRUCTURE: 65" RCP</p> <p>EXISTING STRUCTURE CONDITION: GOOD</p> <p>REMARKS:</p>



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STATE OF TENNESSEE  
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**DRAINAGE MAP**  
STA. 160+50 TO STA. 171+00  
SCALE: 1"=50'

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**EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES**




**INSPECTION, MAINTENANCE & REPAIR**

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

**GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL**

- (29) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS SHALL BE REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFFSITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EPSC SHALL BE REMOVED FROM THE SITE.
- (30) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION. APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED.
- (31) CONTRACTORS SHALL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED, NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ONSITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.
- (32) WHEEL WASH WATER SHALL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER SHALL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM.
- (33) IF PORTABLE SANITARY FACILITIES ARE PROVIDED ON CONSTRUCTION SITES, SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY REGULATIONS. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.
- (34) ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ONSITE BY THE CONTRACTOR. THE CONTRACTOR SHALL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR'S RESPONSIBLE PARTY SHALL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL.
- (35) WHEN POSSIBLE, ALL PRODUCTS SHALL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFFSITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS SHALL BE FOLLOWED.
- (36) ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.
- (37) ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.
- (38) OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.
- (39) DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.

(40) WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ANY AND ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S), CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
** TUBE 20" ** TUBE 20" **	20 INCH SEDIMENT TUBE	EC-STR-37
* HVF * HVF *	HIGH VISIBILITY FENCE	S-F-1

\* PROVIDE J-HOOKS WHEN NOT PARALLEL TO CONTOURS.

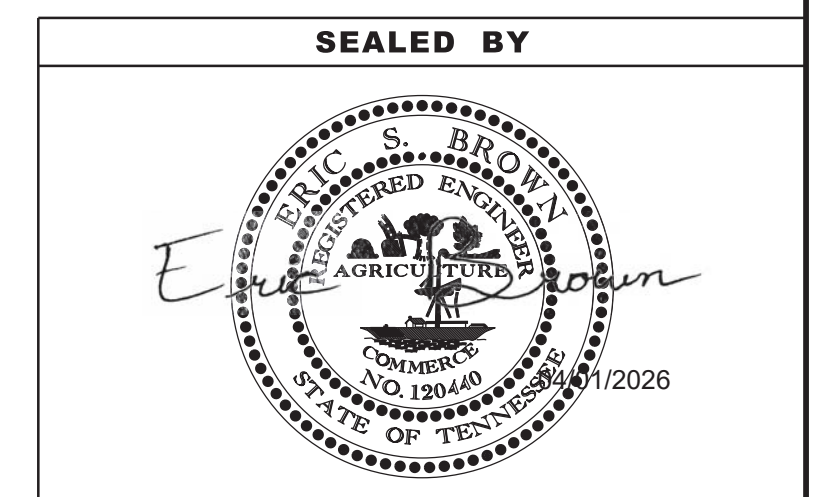
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	11
P.I.H.	2026	HSIP-3(150)	11
PS&E	2026	HSIP-3(150)	11

**EPSC QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
			<b>84012-3216-94</b>
(1)(2)	203-01 ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	21
(1)	209-05 SEDIMENT REMOVAL	C.Y.	51
(1)	209-08.02 TEMPORARY SILT FENCE (WITH BACKING)	L.F.	160
(1)	209-08.03 TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	1515
(1)	209-08.08 ENHANCED ROCK CHECK DAM	EACH	4
(1)(9)	303-10.01 MINERAL AGGREGATE (SIZE 57)	TON	20
(1)(3)	621-03.02 18" TEMPORARY DRAINAGE PIPE	L.F.	36
(1)	707-08.11 HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	760
(1)(3)	709-05.05 MACHINED RIP-RAP (CLASS A-3)	TON	100
(1)(4)	709-05.06 MACHINED RIP-RAP (CLASS A-1)	TON	84
(1)(5)	740-10.03 GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	226
(1)(6)	740-10.04 GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	80
(1)	740-11.04 TEMPORARY SEDIMENT TUBE 20IN	L.F.	1825
(1)(7)	801-01.07 TEMPORARY SEEDING (WITH MULCH)	UNIT	157
(1)(8)	801-03 WATER (SEEDING & SODDING)	M.G.	103
(1)	803-01 SODDING (NEW SOD)	S.Y.	8685

**FOOTNOTES**

- (1) ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER. SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
- (2) INCLUDES 15 C.Y. FOR TEMPORARY CONSTRUCTION EXITS AND 6 C.Y. FOR CULVERT PROTECTION TYPE 1.
- (3) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
- (4) INCLUDES 23 TONS FOR CULVERT PROTECTION TYPE 1 AND 61 TONS TO BE USED BEHIND BOX CULVERT WINGWALLS.
- (5) INCLUDES 172 S.Y. FOR TEMPORARY CONSTRUCTION EXITS AND 54 S.Y. FOR CULVERT PROTECTION TYPE 1.
- (6) TO BE USED BEHIND BOX CULVERT WINGWALLS TO STABILIZE RIP-RAP AREA.
- (7) THE COST OF FERTILIZER AND LIME USED IN INITIAL BED PREPARATION IS TO BE INCLUDED IN THE COST OF SEEDING. SEE SECTION 801 OF TDO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- (8) INCLUDES 16 M.G. FOR TEMPORARY SEEDING (WITH MULCH) AND 87 M.G. FOR SODDING (NEW SOD).
- (9) TO BE USED FOR CULVERT PROTECTION TYPE 1.



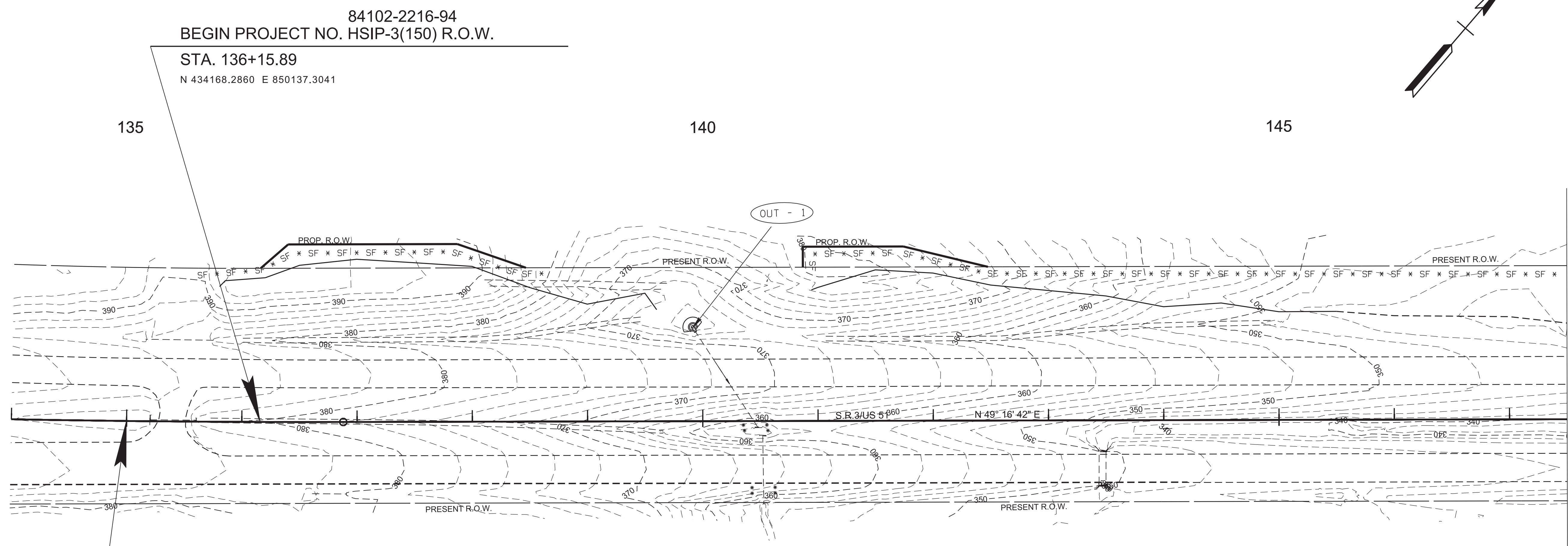
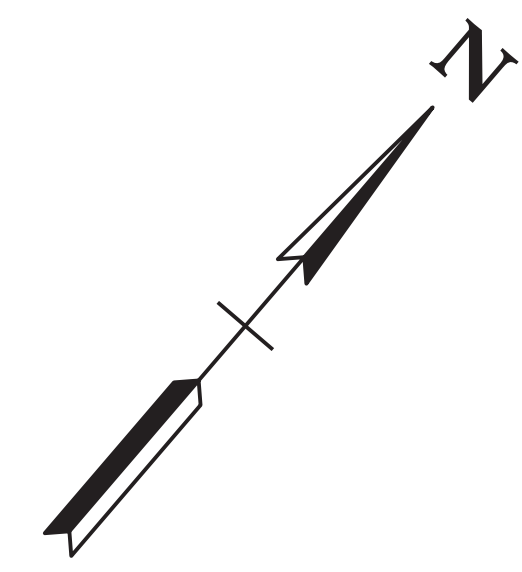
**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**EROSION  
PREVENTION  
AND SEDIMENT  
CONTROL NOTES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	12
P.I.H.	2026	HSIP-3(150)	12
PS&E	2026	HSIP-3(150)	12

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-1	139+91.61	LT	3.32	2.3

NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.



84102-2216-94  
 BEGIN PROJECT NO. HSIP-3(150) R.O.W.  
 STA. 136+15.89  
 N 434168.2860 E 850137.3041

84102-3216-94  
 BEGIN PROJECT NO. HSIP-3(150) CONST.  
 STA. 134+99.79  
 N 434093.3852 E 850048.6046

MATCHLINE STA. 147+50 SEE SHT. NO. 12A

SEALED BY

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 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. 134+50 TO STA. 147+50  
 SCALE: 1"=50'

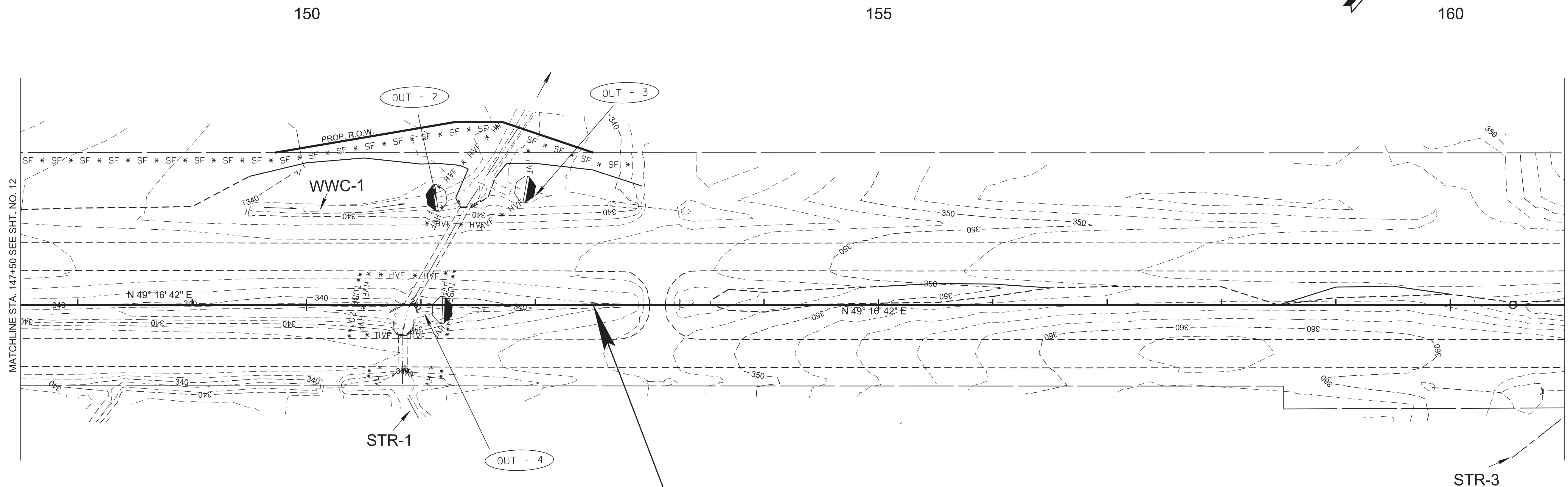
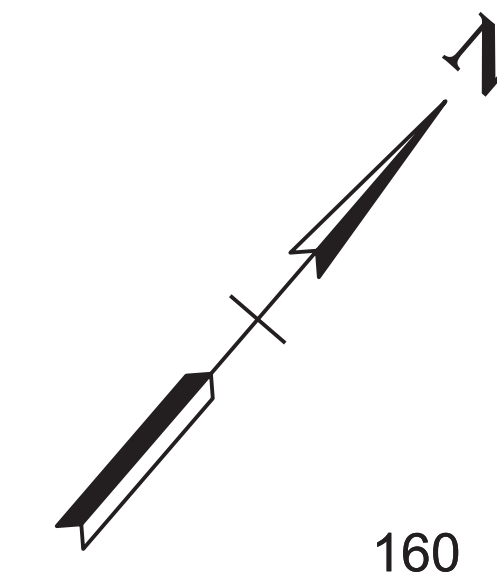
STAGE I  
 EXISTING CONTOURS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	12A
P.I.H.	2026	HSIP-3(150)	12A
PS&E	2026	HSIP-3(150)	12A

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-2	151+16.53	LT	2.88	1.7
OUT-3	152+00.59	LT	2.27	2.4
OUT-4	151+03.29	RT	1.37	2.1

NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.

HIGH VISIBILITY FENCING FOR BUFFER ZONE PROTECTION.



HSIP-3(150)  
 END PROJECT NO. 84102-2216-94 R.O.W.  
 STA. 152+50.74  
 N 435234.6948 E 851376.4572

SEALED BY

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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

**EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS**  
 STA. 147+50 TO STA. 161+00  
 SCALE: 1"=50'

STAGE I  
 EXISTING CONTOURS

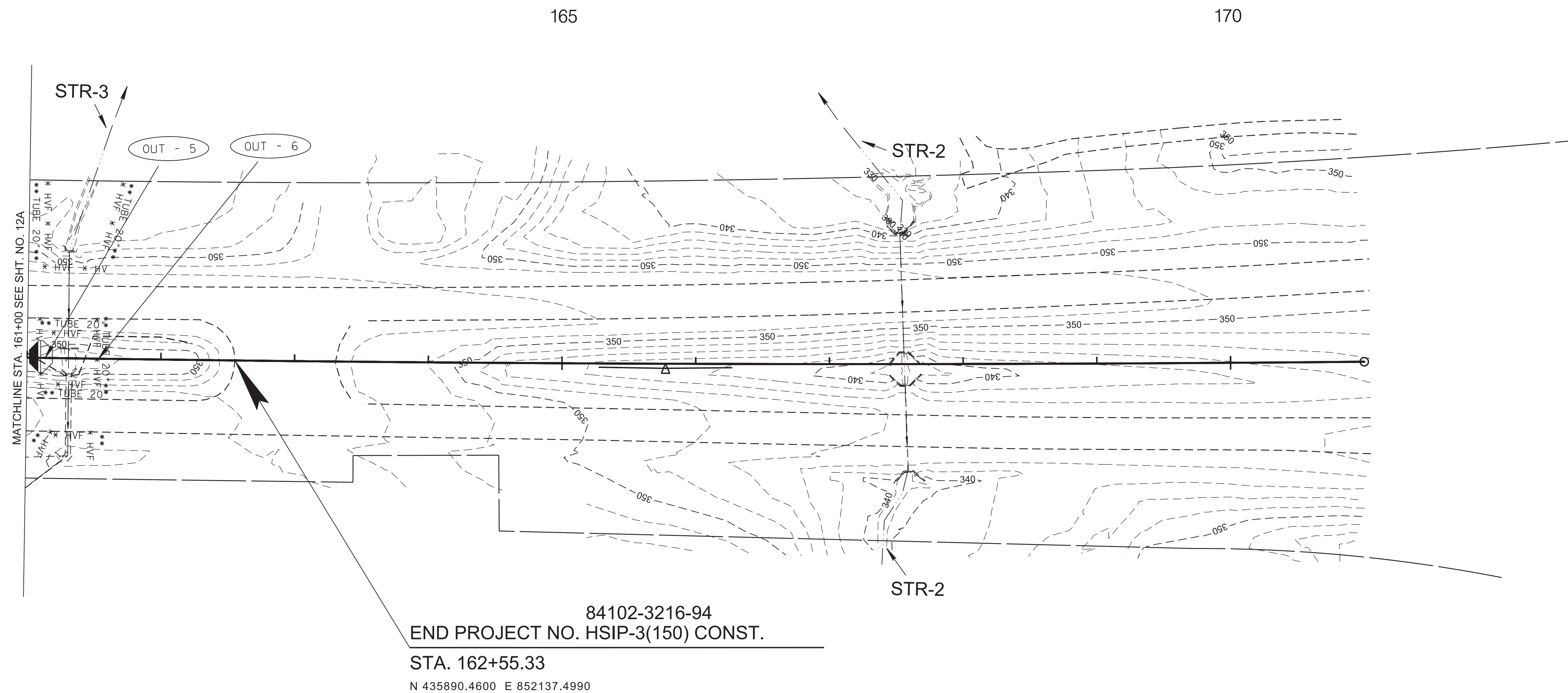
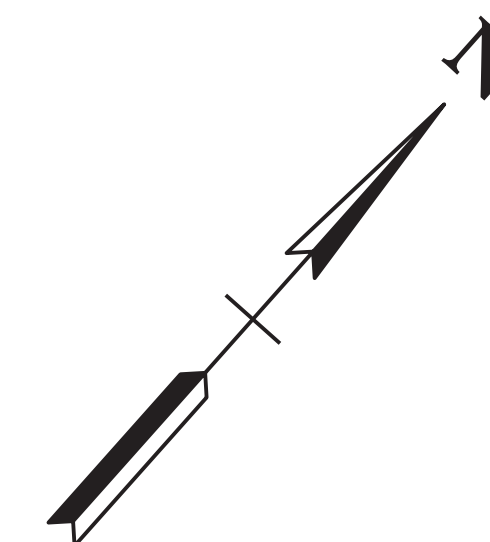
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	12B
P.I.H.	2026	HSIP-3(150)	12B
PS&E	2026	HSIP-3(150)	12B

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-5	161+13.45	RT	0.56	1.2
OUT-6	161+53.30	RT	0.17	1.2

NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.

HIGH VISIBILITY FENCING FOR BUFFER ZONE PROTECTION.



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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

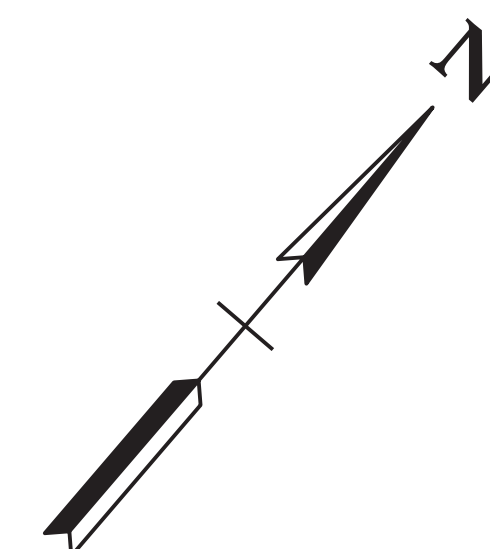
**EROSION  
PREVENTION &  
SEDIMENT CONTROL  
(EPSC) PLANS**  
STA. 161+00 TO STA. 171+00  
SCALE: 1"=50'

**STAGE I**  
**EXISTING CONTOURS**

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	13
P.I.H.	2026	HSIP-3(150)	13
PS&E	2026	HSIP-3(150)	13

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-1	139+91.61	LT	3.32	2.3

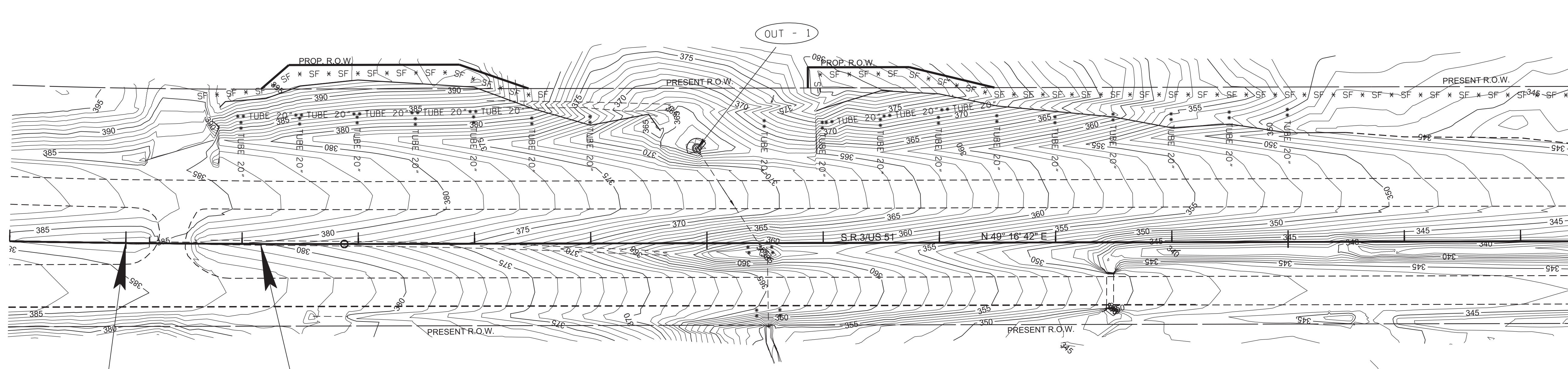
NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.



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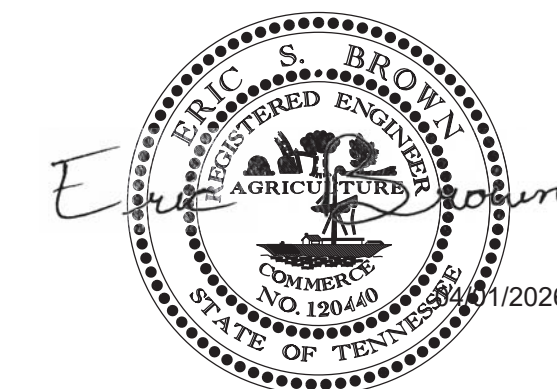


MATCHLINE STA. 147+50 SEE SHT. NO. 13A

84102-2216-94  
 BEGIN PROJECT NO. HSIP-3(150) R.O.W.  
 STA. 136+15.89  
 N 434168.2860 E 850137.3041

84102-3216-94  
 BEGIN PROJECT NO. HSIP-3(150) CONST.  
 STA. 134+99.79  
 N 434093.3852 E 850048.6046

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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

EROSION  
 PREVENTION &  
 SEDIMENT CONTROL  
 (EPSC) PLANS  
 STA. 134+50 TO STA. 147+50  
 SCALE: 1"=50'

STAGE II  
 PROPOSED CONTOURS

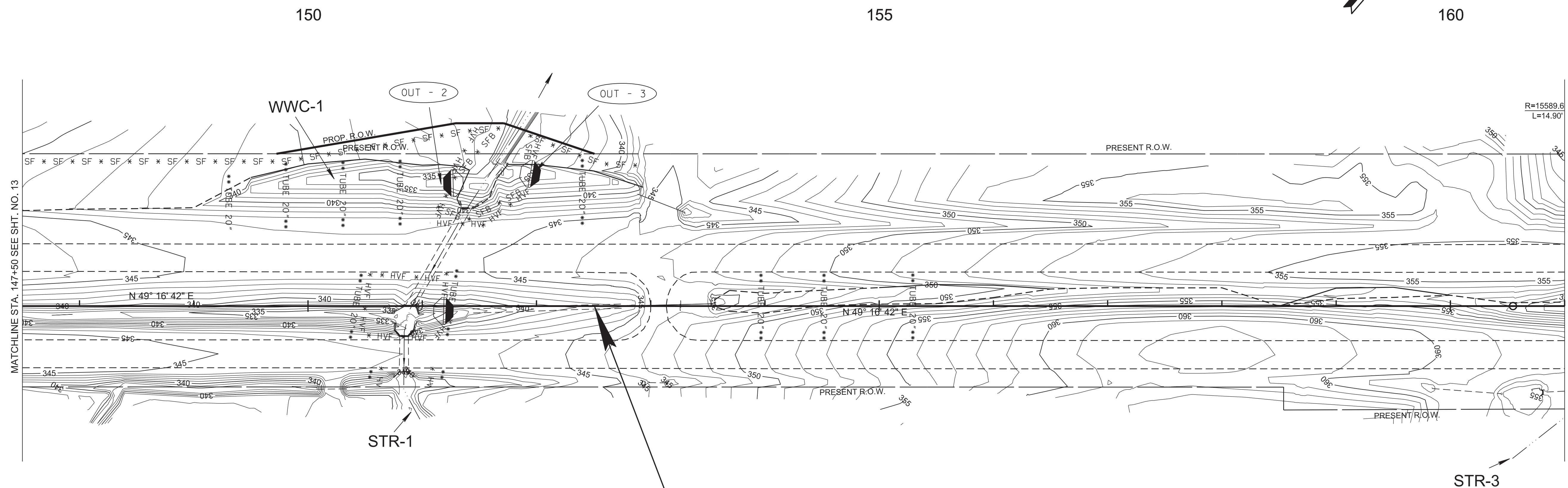
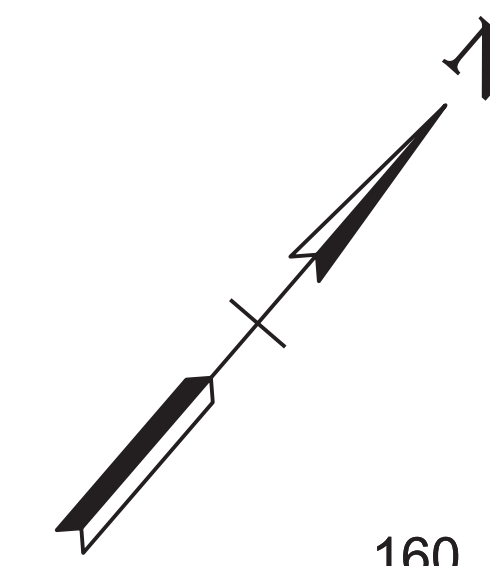
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	13A
P.I.H.	2026	HSIP-3(150)	13A
PS&E	2026	HSIP-3(150)	13A

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-2	151+16.53	LT	2.88	1.7
OUT-3	152+00.59	LT	2.27	2.4
OUT-4	151+03.29	RT	1.37	2.1

NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.

HIGH VISIBILITY FENCING FOR BUFFER ZONE PROTECTION.



HSIP-3(150)  
 END PROJECT NO. 84102-2216-94 R.O.W.  
 STA. 152+50.74  
 N 435234.6948 E 851376.4572

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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

STAGE II  
 PROPOSED CONTOURS

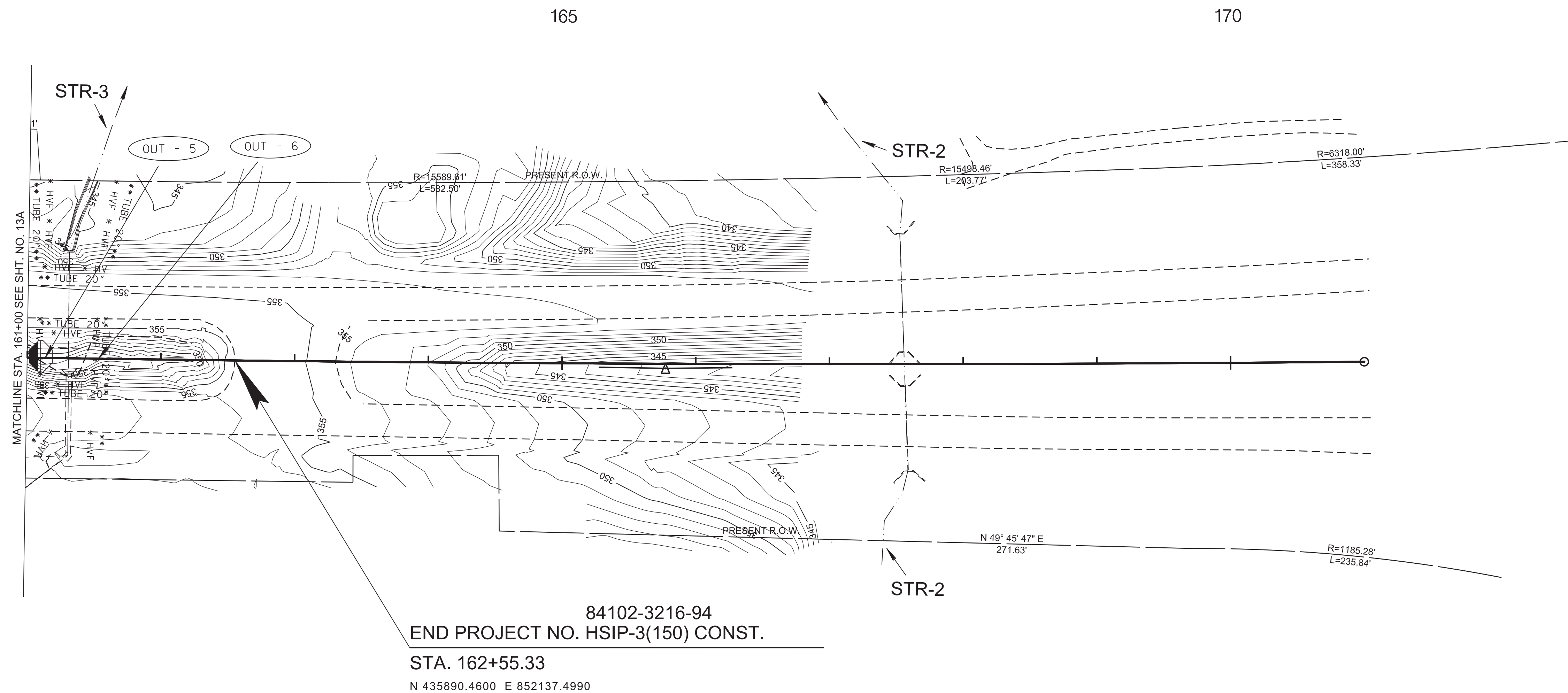
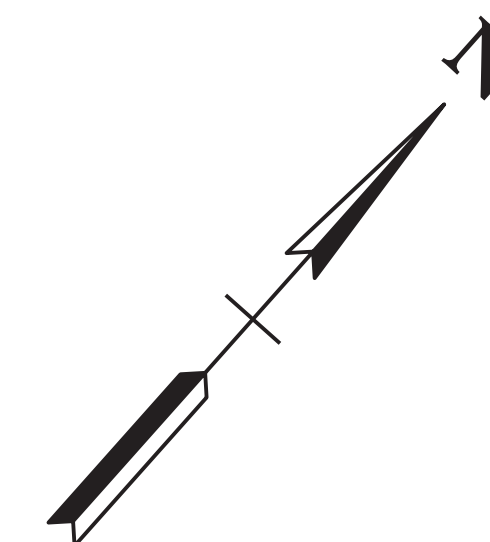
EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS  
 STA.147+50 TO STA.161+00  
 SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	13B
P.I.H.	2026	HSIP-3(150)	13B
PS&E	2026	HSIP-3(150)	13B

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-5	161+13.45	RT	0.56	1.2
OUT-6	161+53.30	RT	0.17	1.2

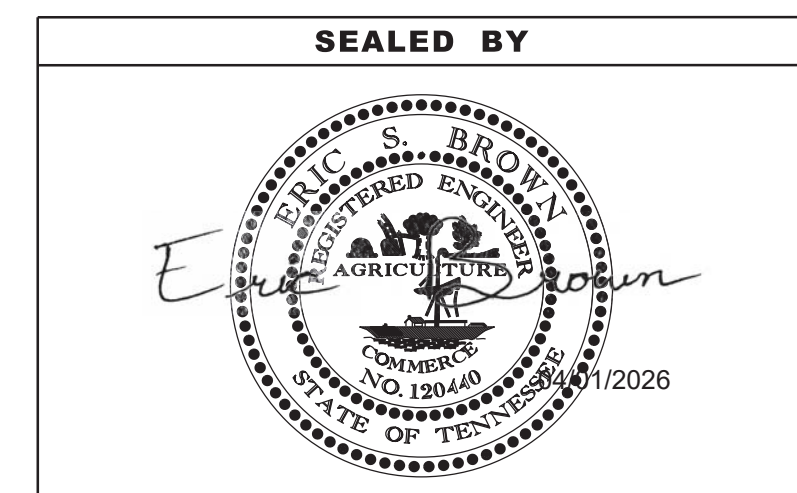
NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.

HIGH VISIBILITY FENCING FOR BUFFER ZONE PROTECTION.



84102-3216-94  
 END PROJECT NO. HSIP-3(150) CONST.  
 STA. 162+55.33  
 N 435890.4600 E 852137.4990

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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

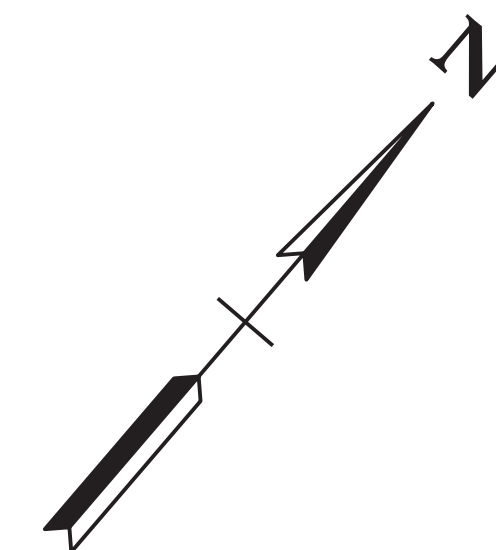
EROSION  
 PREVENTION &  
 SEDIMENT CONTROL  
 (EPSC) PLANS  
 STA.161+00 TO STA.171+00  
 SCALE: 1"=50'

STAGE II  
 PROPOSED CONTOURS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	14
P.I.H.	2026	HSIP-3(150)	14
PS&E	2026	HSIP-3(150)	14

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-1	139+91.61	LT	3.32	2.3

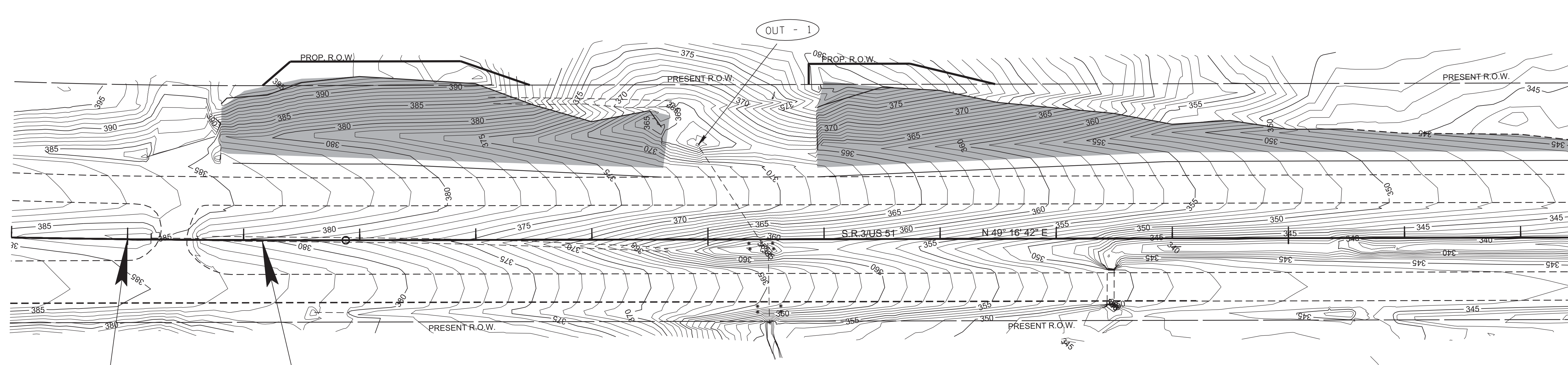
NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.



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84102-2216-94  
 BEGIN PROJECT NO. HSIP-3(150) R.O.W.  
 STA. 136+15.89  
 N 434168.2860 E 850137.3041

84102-3216-94  
 BEGIN PROJECT NO. HSIP-3(150) CONST.  
 STA. 134+99.79  
 N 434093.3852 E 850048.6046



SOD

MATCHLINE STA. 147+50 SEE SHT. NO. 14A

SEALED BY



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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

EROSION  
 PREVENTION &  
 SEDIMENT CONTROL  
 (EPSC) PLANS  
 STA. 134+50 TO STA. 147+50  
 SCALE: 1"=50'

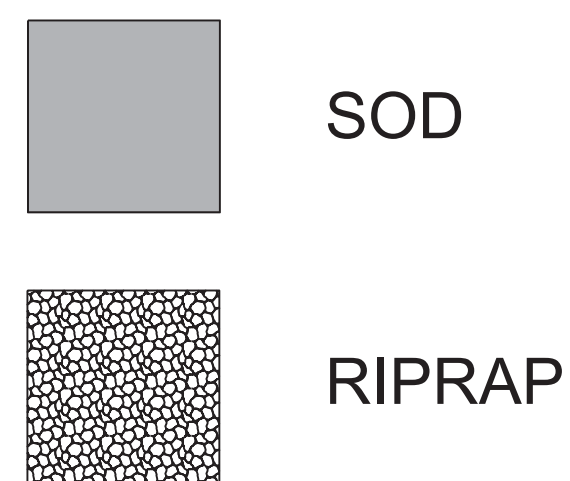
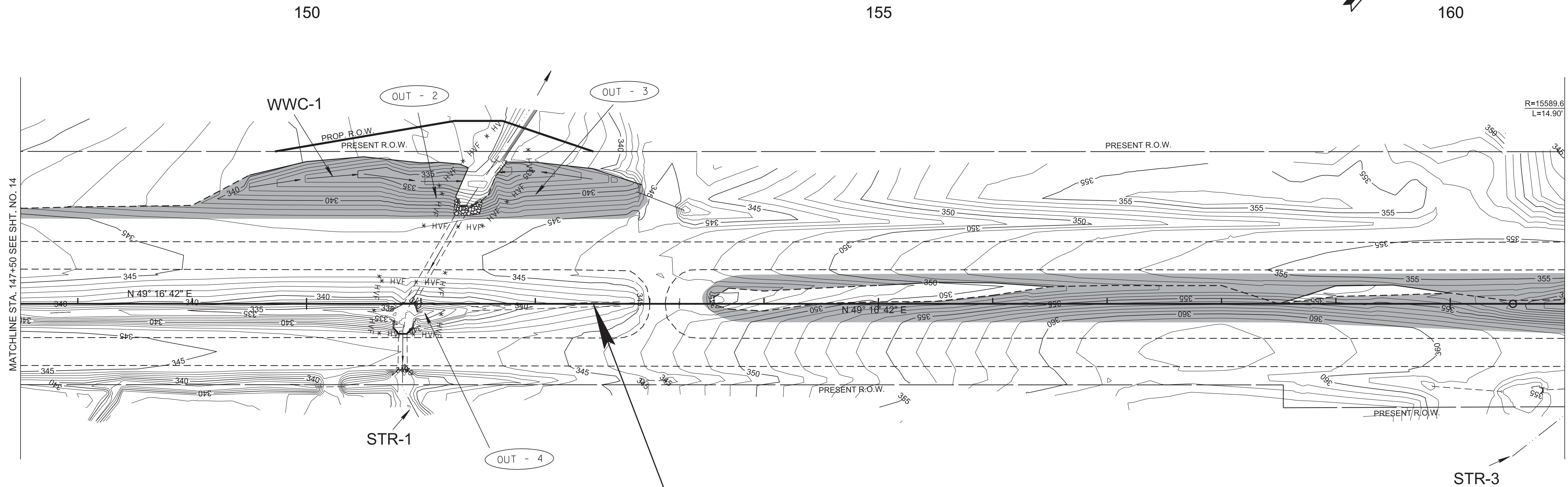
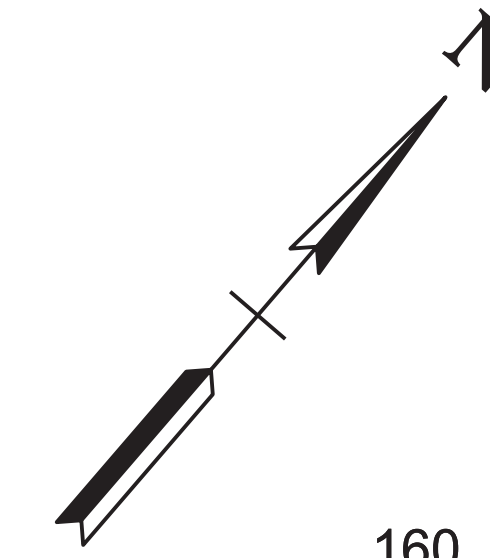
STAGE III  
 FINAL STABILIZATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	14A
P.I.H.	2026	HSIP-3(150)	14A
PS&E	2026	HSIP-3(150)	14A

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-2	151+16.53	LT	2.88	1.7
OUT-3	152+00.59	LT	2.27	2.4
OUT-4	151+03.29	RT	1.37	2.1

NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.



HSIP-3(150)  
 END PROJECT NO. 84102-2216-94 R.O.W.  
 STA. 152+50.74  
 N 435234.6948 E 851376.4572

SEALED BY



COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

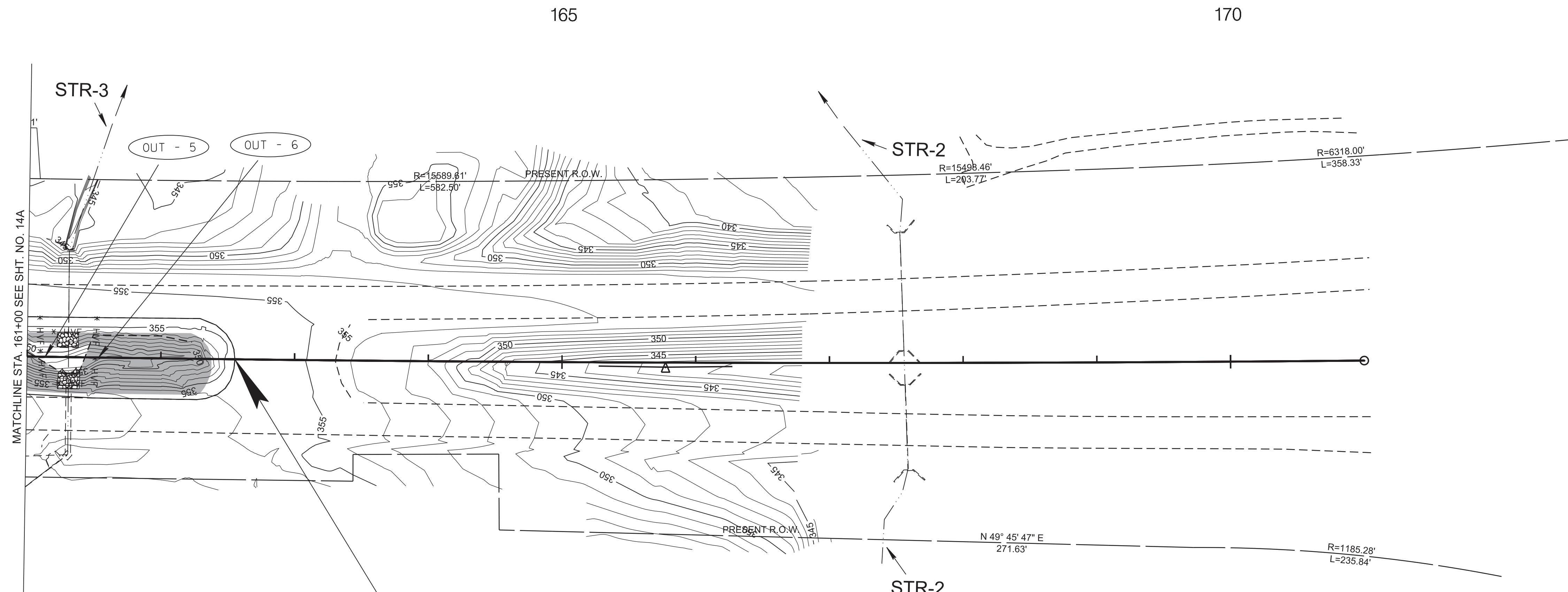
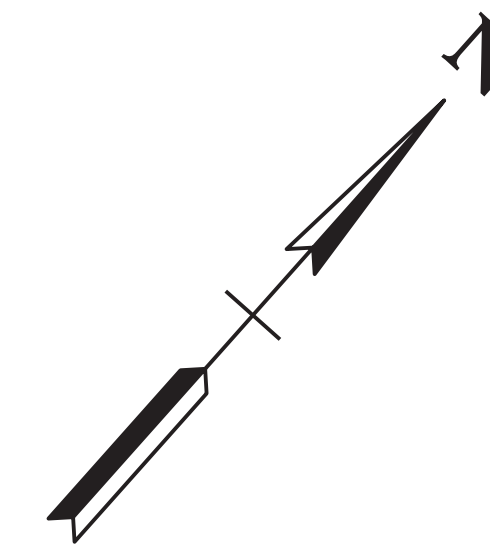
STAGE III  
 FINAL STABILIZATION

EROSION  
 PREVENTION &  
 SEDIMENT CONTROL  
 (EPSC) PLANS  
 STA.147+50 TO STA.161+00  
 SCALE: 1"=50'

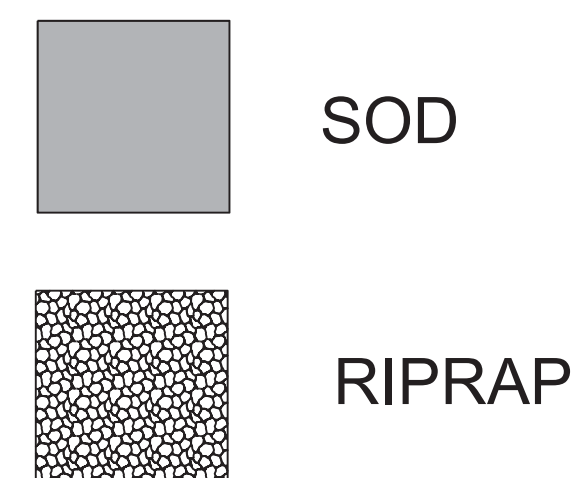
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	14B
P.I.H.	2026	HSIP-3(150)	14B
PS&E	2026	HSIP-3(150)	14B

OUTFALL NO.	STATION	LT/RT	DRAINAGE AREA (AC)	SLOPE %
OUT-5	161+13.45	RT	0.56	1.2
OUT-6	161+53.30	RT	0.17	1.2

NOTE: TEMPORARY CONSTRUCTION EXITS SHALL BE USED ON THE PROJECT. THE LOCATIONS OF THE MEASURES CAN BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER.



84102-3216-94  
 END PROJECT NO. HSIP-3(150) CONST.  
 STA. 162+55.33  
 N 435890.4600 E 852137.4990



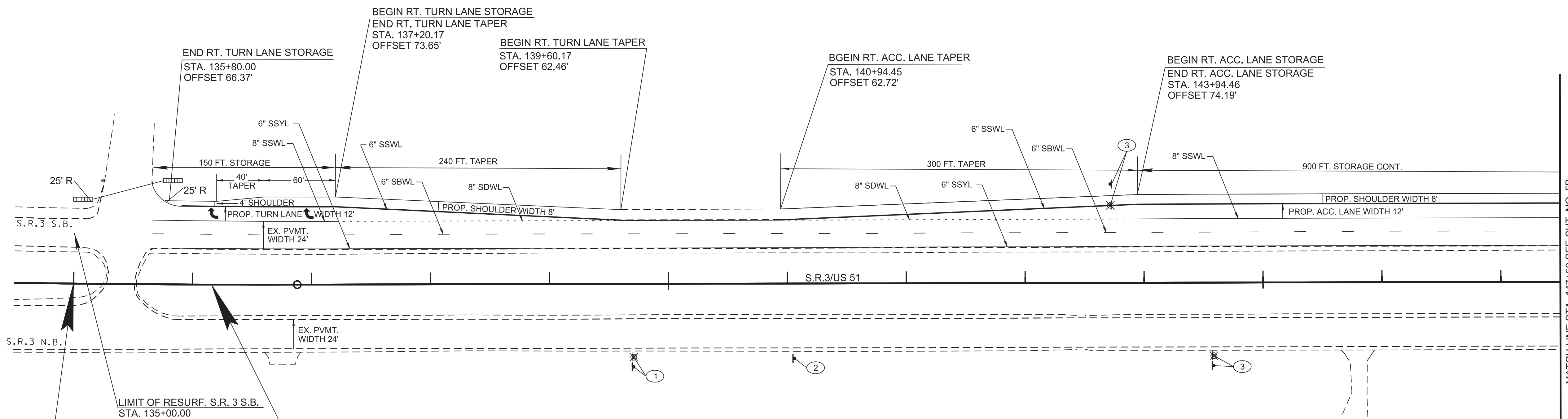
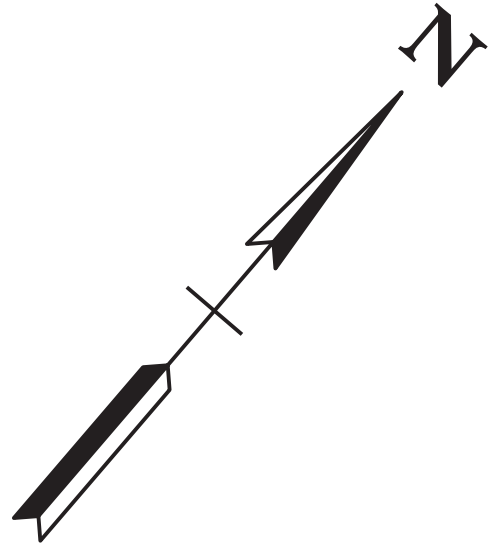
STAGE III  
 FINAL STABILIZATION

SEALED BY

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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS  
 STA.161+00 TO STA.171+00  
 SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	15
PS&E	2026	HSIP-3(150)	15



84102-2216-94 84102-2216-94  
 BEGIN PROJECT NO. HSIP-3(150) R.O.W.  
 STA. 136+15.89  
 N 434168.2860 E 850137.3041

84102-3216-94  
 BEGIN PROJECT NO. HSIP-3(150) CONST.  
 STA. 134+99.79  
 N 434093.3852 E 850048.6046

MATCH LINE STA. 147+50 SEE SHT. NO. 5B

<b>SDWL</b>	<b>SINGLE DOTTED WHITE LINE</b>
<b>SSYL</b>	<b>SINGLE SOLID YELLOW LINE</b>
<b>SSWL</b>	<b>SINGLE SOLID WHITE LINE</b>
<b>SBWL</b>	<b>SINGLE BROKEN WHITE LINE</b>

REMOVE, RELOCATE, AND REPLACE ONE W8-5 AND ONE W7-3AP SIGN.

W8-5  
36" X 36"

W7-3AP  
24" X 18"

1

INSTALL ONE W11-10 SIGN.

W11-10  
36" X 36"

2

REMOVE, RELOCATE, AND REPLACE TWO R2-1 SIGNS.

R2-1  
24" X 30"

3

SEALED BY

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

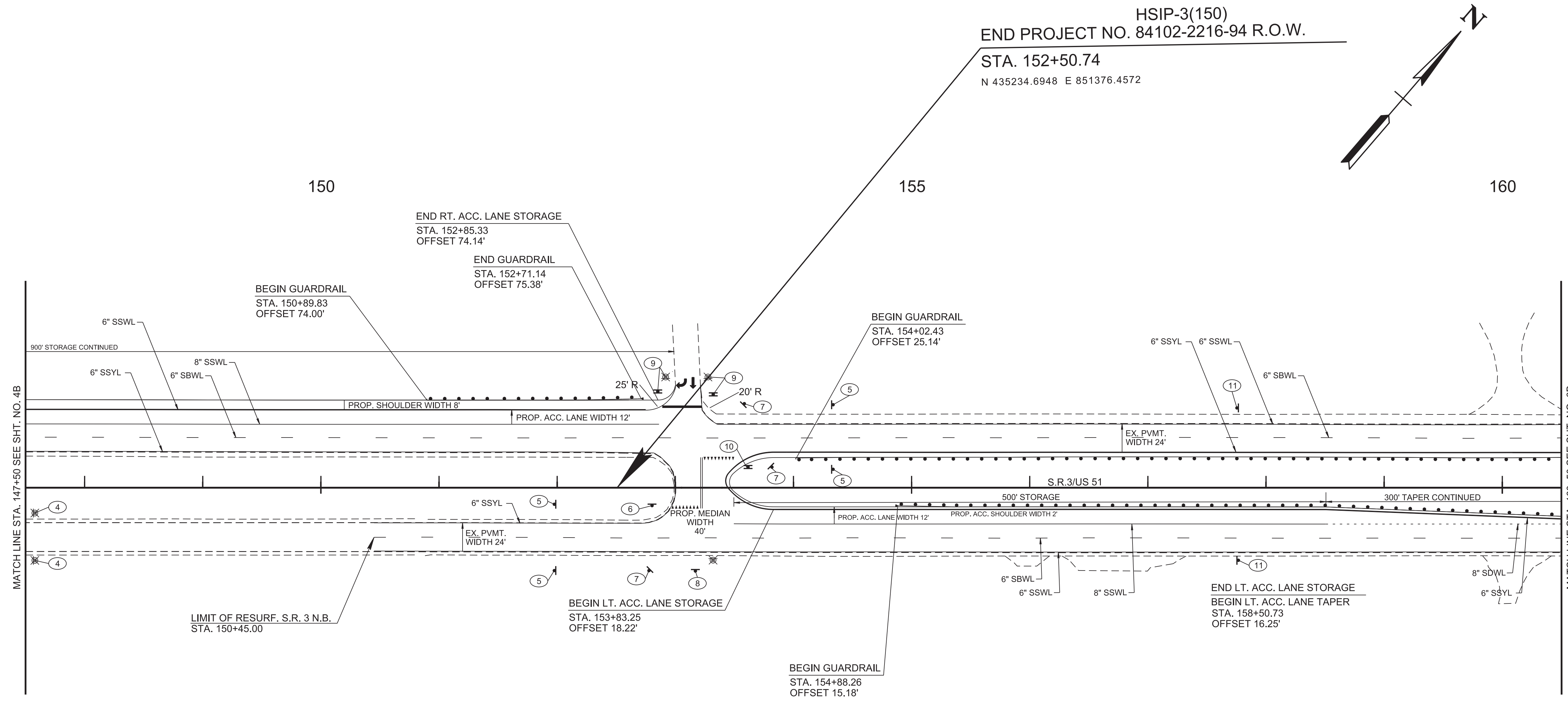
STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING PLAN**  
 STA. 134+50 TO STA. 147+50  
 SCALE: 1"=50'

01-APR-2026 09:09 \\TDOT\04NAS002\dot.state.tn.us\04Shared\Design\DESIGN\Tipton\SR 3\L.M. 7.0-8.0 (126981.00)\Office\Construction\015.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	16
PS&E	2026	HSIP-3(150)	16

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<b>SDWL</b>	<b>SINGLE DOTTED WHITE LINE</b>
<b>SSYL</b>	<b>SINGLE SOLID YELLOW LINE</b>
<b>SSWL</b>	<b>SINGLE SOLID WHITE LINE</b>
<b>SBWL</b>	<b>SINGLE BROKEN WHITE LINE</b>

REMOVE TWO W11-19A SIGNS.

4

INSTALL FOUR R5-1A SIGNS.

5

INSTALL ONE R6-1L AND ONE R1-2 SIGN.

6

INSTALL THREE R5-1 SIGNS.

7

REMOVE, RELOCATE, AND REPLACE ONE R6-3A AND ONE R6-1L SIGN.

8

REMOVE, RELOCATE, AND REPLACE TWO R6-3A, R1-1, R6-1R, R6-1L, AND R5-1 SIGNS.

9

INSTALL ONE R6-1R, R6-1L, AND R1-2 SIGN.

10

INSTALL TWO D11-1 SIGNS.

11

**SEALED BY**

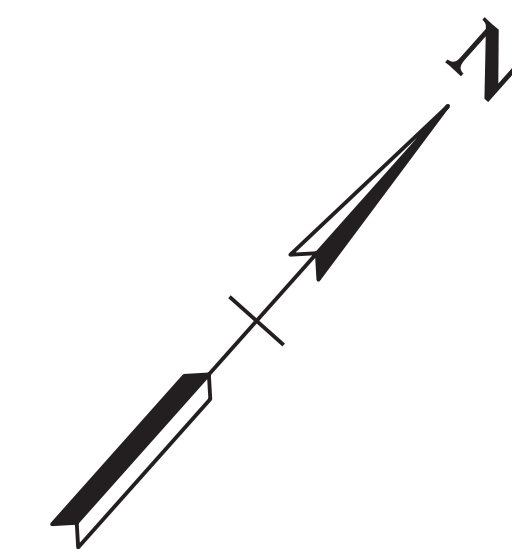
COORDINATES ARE NAD 83(2011). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**SIGNING AND PAVEMENT MARKING PLAN**

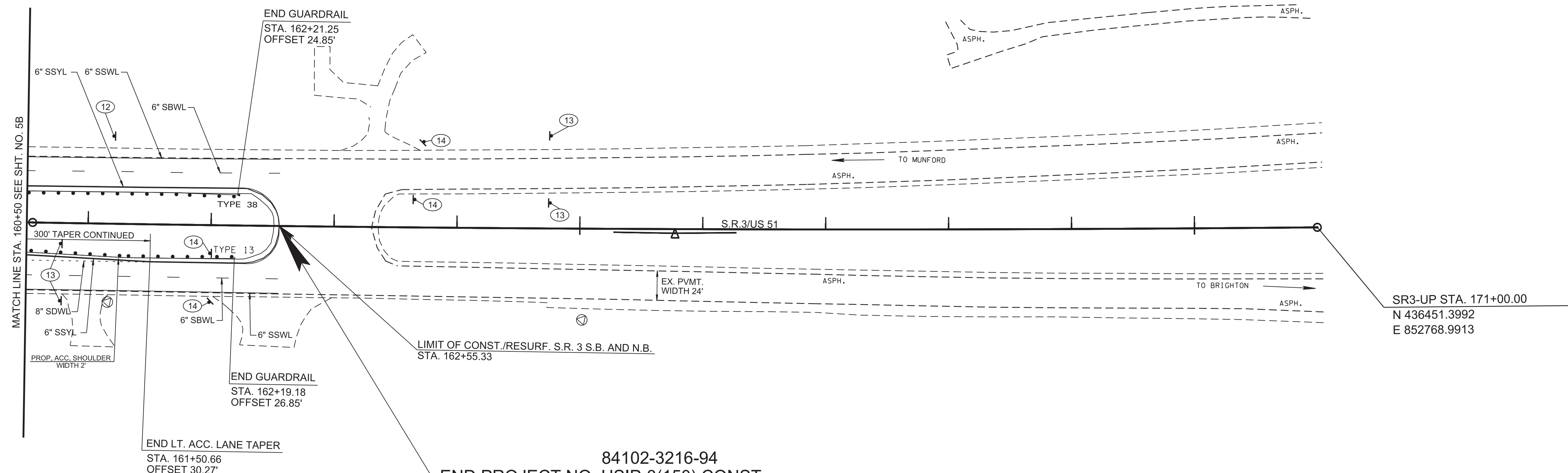
STA. 147+50 TO STA. 160+50  
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	17
PS&E	2026	HSIP-3(150)	17



165

170



84102-3216-94  
 END PROJECT NO. HSIP-3(150) CONST.  
 STA. 162+55.33  
 N 435890.4600 E 852137.4990

<b>SDWL</b>	<b>SINGLE DOTTED WHITE LINE</b>
<b>SSYL</b>	<b>SINGLE SOLID YELLOW LINE</b>
<b>SSWL</b>	<b>SINGLE SOLID WHITE LINE</b>
<b>SBWL</b>	<b>SINGLE BROKEN WHITE LINE</b>

INSTALL ONE W11-10 SIGN.

W11-10  
36" X 36"

12

INSTALL FOUR R5-1A SIGNS.

R5-1A  
42" X 30"

13

INSTALL FOUR R5-1 SIGNS.

R5-1  
36" X 36"

14

SEALED BY

COORDINATES ARE NAD 83(2011). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 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.160+50 TO STA.171+00  
 SCALE: 1"=50'

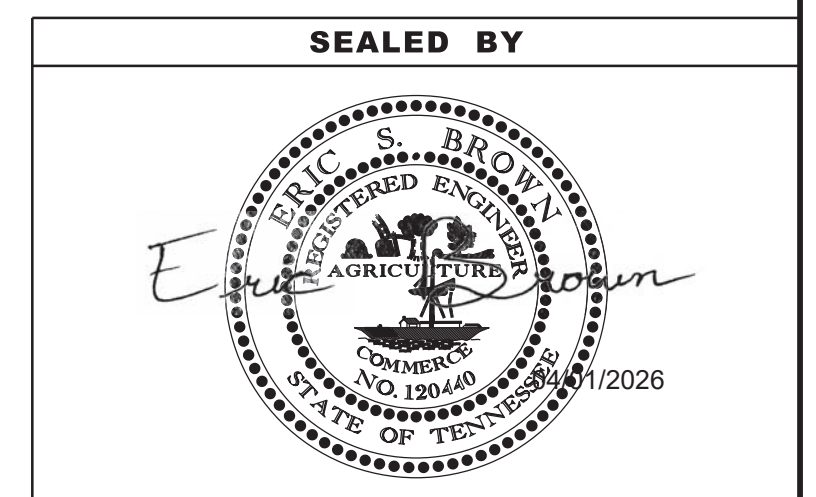
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ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
P.I.H.	2026	HSIP-3(150)	18
PS&E	2026	HSIP-3(150)	18

SIGN NO	LEGEND	SHEET NO	SIZE			COPY			SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					REMARKS		
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE			NUMERAL	SERIES	COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING (MIN)		CONC. CU. YD.	REIN STEEL LBS.
1		W8-5	15 17	36"	36"							BLACK	YELLOW	0.080" SHEET ALUMINUM	P8	12'-6"	3'-0"			5'	
1		W7-3AP	15	24"	30"							BLACK	YELLOW	0.080" SHEET ALUMINUM	P8	12'-6"	3'-0"			5'	
2 12		W11-10	15 17	36"	36"							BLACK	YELLOW	0.080" SHEET ALUMINUM	P8	12'-6"	3'-0"			5'	
3		R2-1	15	24"	30"							BLACK	WHITE	0.080" SHEET ALUMINUM	P8	12'-6"	3'-0"			5'	
5 13		R5-1A	16	42"	30"							WHITE	RED	0.080" SHEET ALUMINUM	P8	12'-6"	3'-0"			5'	
6 8 9 10		R6-1L	16 17	54"	18"							BLACK	WHITE	0.080" SHEET ALUMINUM	P8	13'-6"	3'-0"			5'	
6 10		R1-2	14	48"	48" X 48"							RED	WHITE	0.080" SHEET ALUMINUM	P8	13'-6"	3'-0"			5'	
7 9 14		R5-1	16	36"	36"							WHITE	RED	0.080" SHEET ALUMINUM	P8	12'-6"	3'-0"			5'	
8 9		R6-3A	16	30"	24"							BLACK	WHITE	0.080" SHEET ALUMINUM	P8	13'-0"	3'-0"			5'	
9		R1-1	16 15	36"	36"							WHITE	RED	0.080" SHEET ALUMINUM	P8	14'-6"	3'-0"			5'	
9 10		R6-1R	16 15	24"	30"							BLACK	WHITE	0.080" SHEET ALUMINUM	P8	14'-6"	3'-0"			5'	
11		D11-1	16	24"	18"							WHITE	GREEN	0.080" SHEET ALUMINUM	P8	12'-6"	3'-0"			5'	




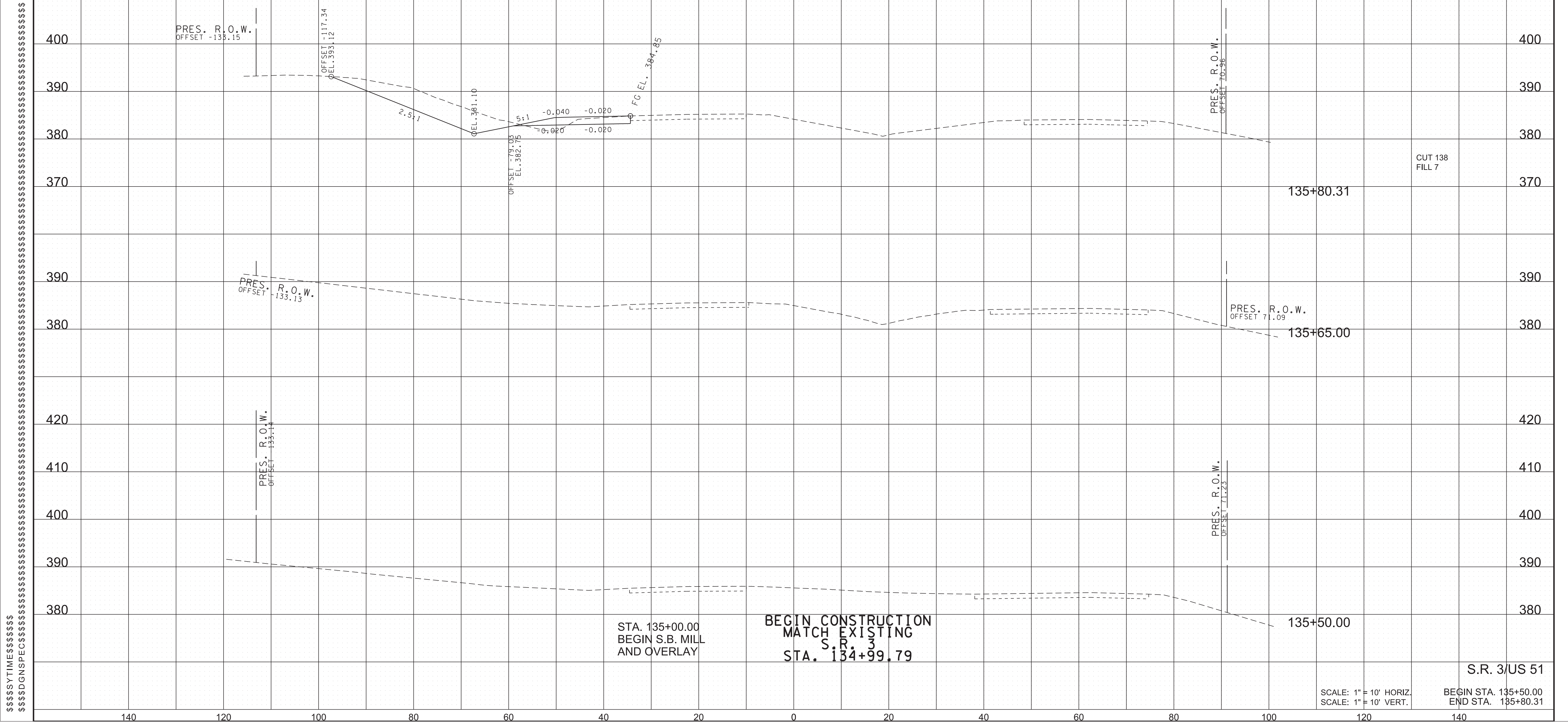
**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**SIGN  
SCHEDULE**

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	15
P.I.H.	2026	HSIP-3(150)	19
PS&E	2026	HSIP-3(150)	19

AREA  
(S.F.)

  
 S.R. 3



\$\$\$\$\$\$TIMES\$\$\$\$\$\$  
 \$\$\$\$\$\$DONSPICES\$\$\$\$\$\$

STA. 135+00.00  
 BEGIN S.B. MILL  
 AND OVERLAY


BEGIN CONSTRUCTION  
 MATCH EXISTING  
 S.R. 3  
 STA. 134+99.79

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

BEGIN STA. 135+50.00  
 END STA. 135+80.31

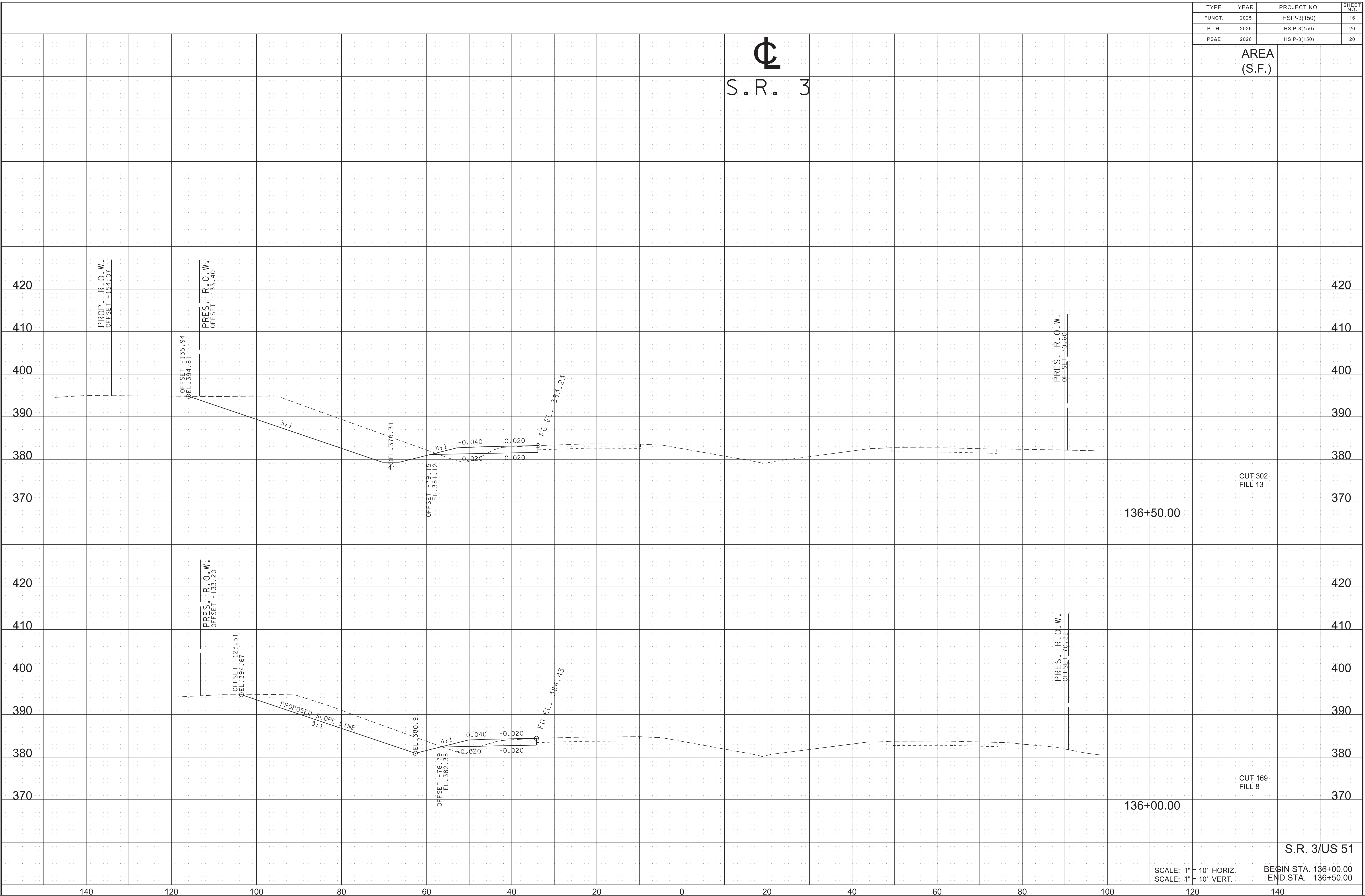
S.R. 3/US 51

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	16
P.I.H.	2026	HSIP-3(150)	20
PS&E	2026	HSIP-3(150)	20

  
 S.R. 3

AREA  
(S.F.)

\$\$\$\$TIMES\$\$\$\$  
\$\$\$\$DONSPEC\$\$\$\$




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

BEGIN STA. 136+00.00  
END STA. 136+50.00

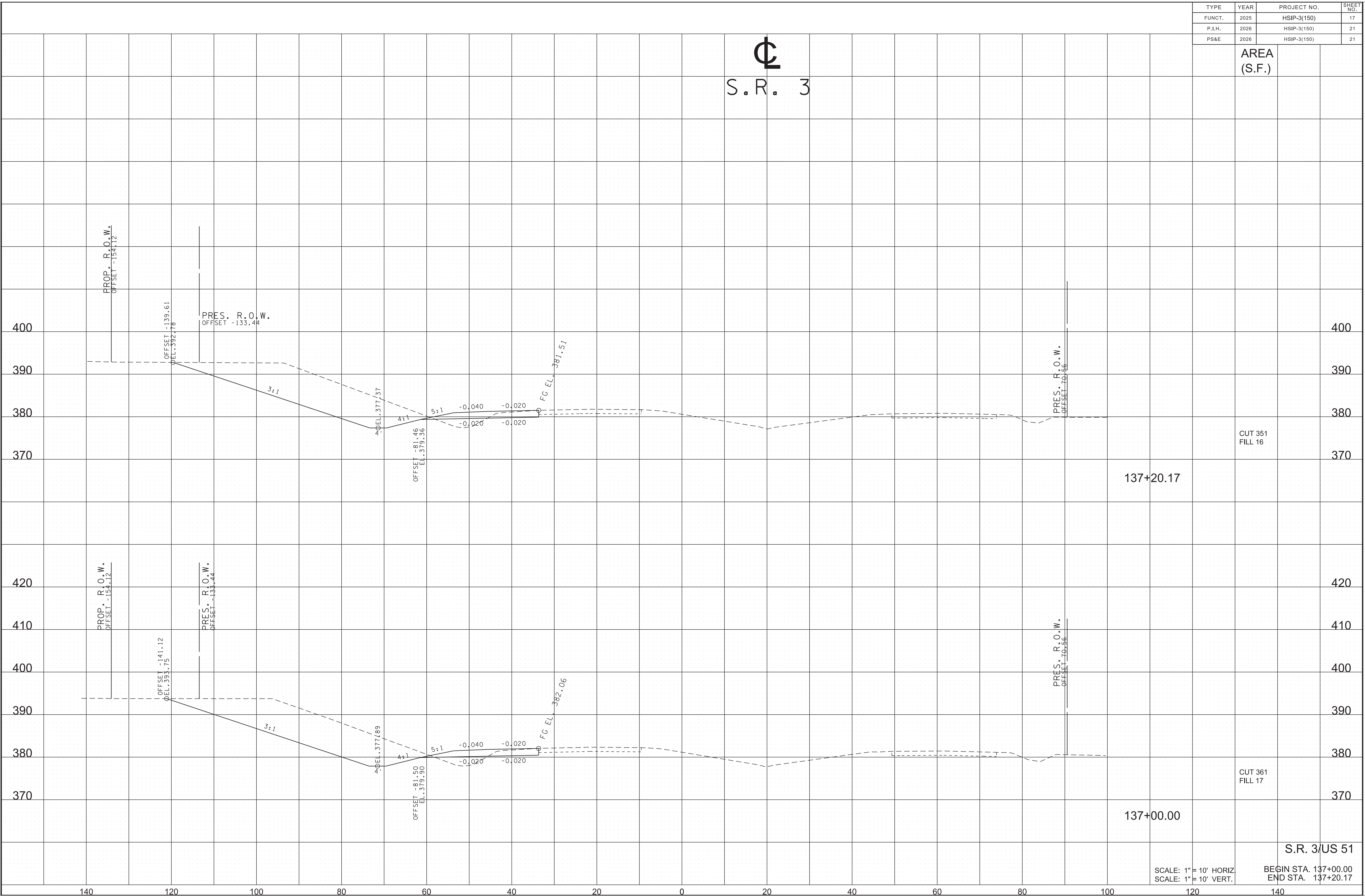
S.R. 3/US 51

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	17
P.I.H.	2026	HSIP-3(150)	21
PS&E	2026	HSIP-3(150)	21

AREA  
(S.F.)

  
 S.R. 3

\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$



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

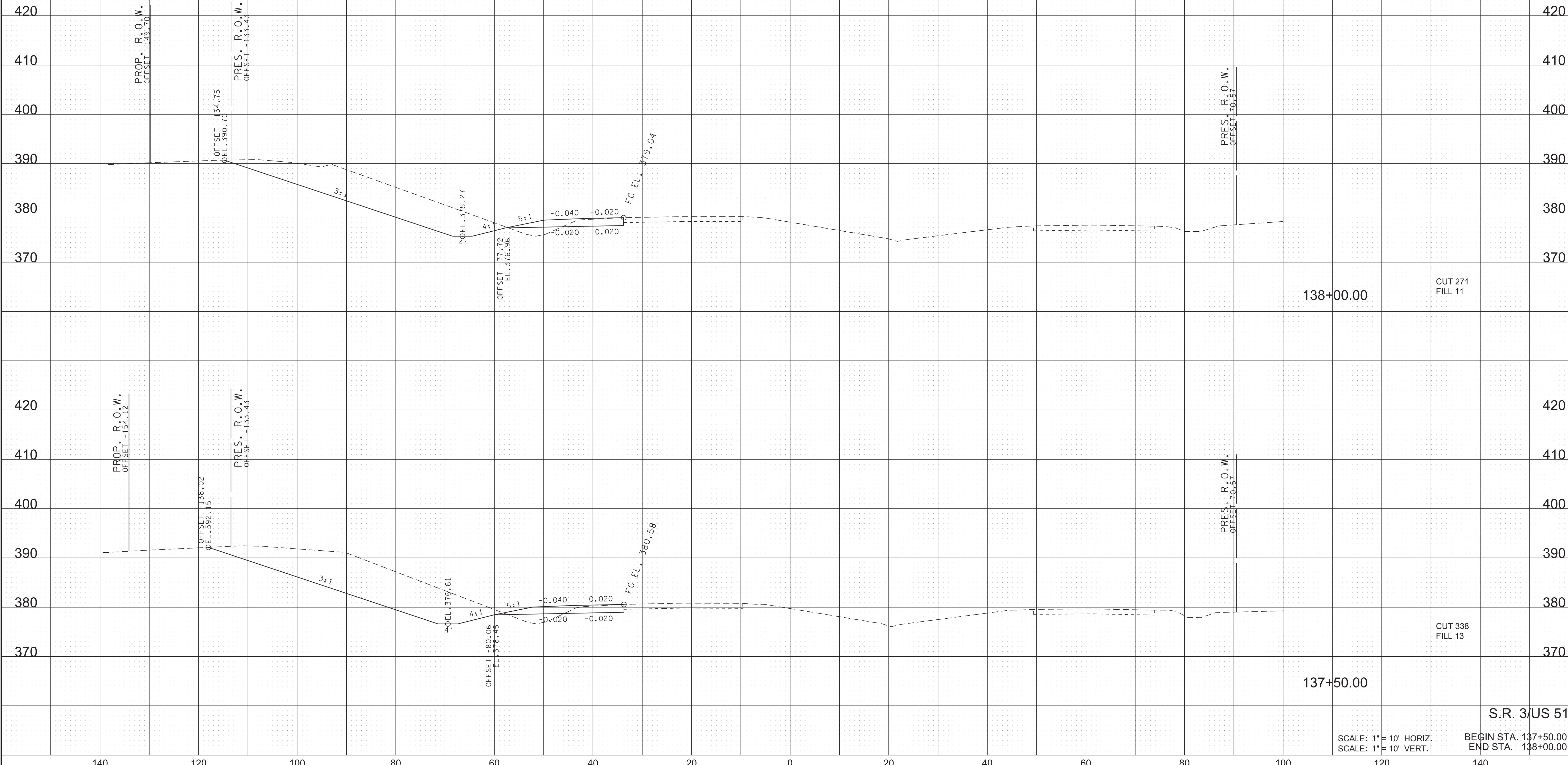
S.R. 3/US 51

BEGIN STA. 137+00.00  
END STA. 137+20.17

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	18
P.I.H.	2026	HSIP-3(150)	22
PS&E	2026	HSIP-3(150)	22

AREA  
(S.F.)

⊕  
S.R. 3

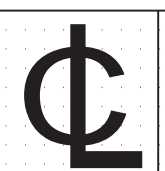


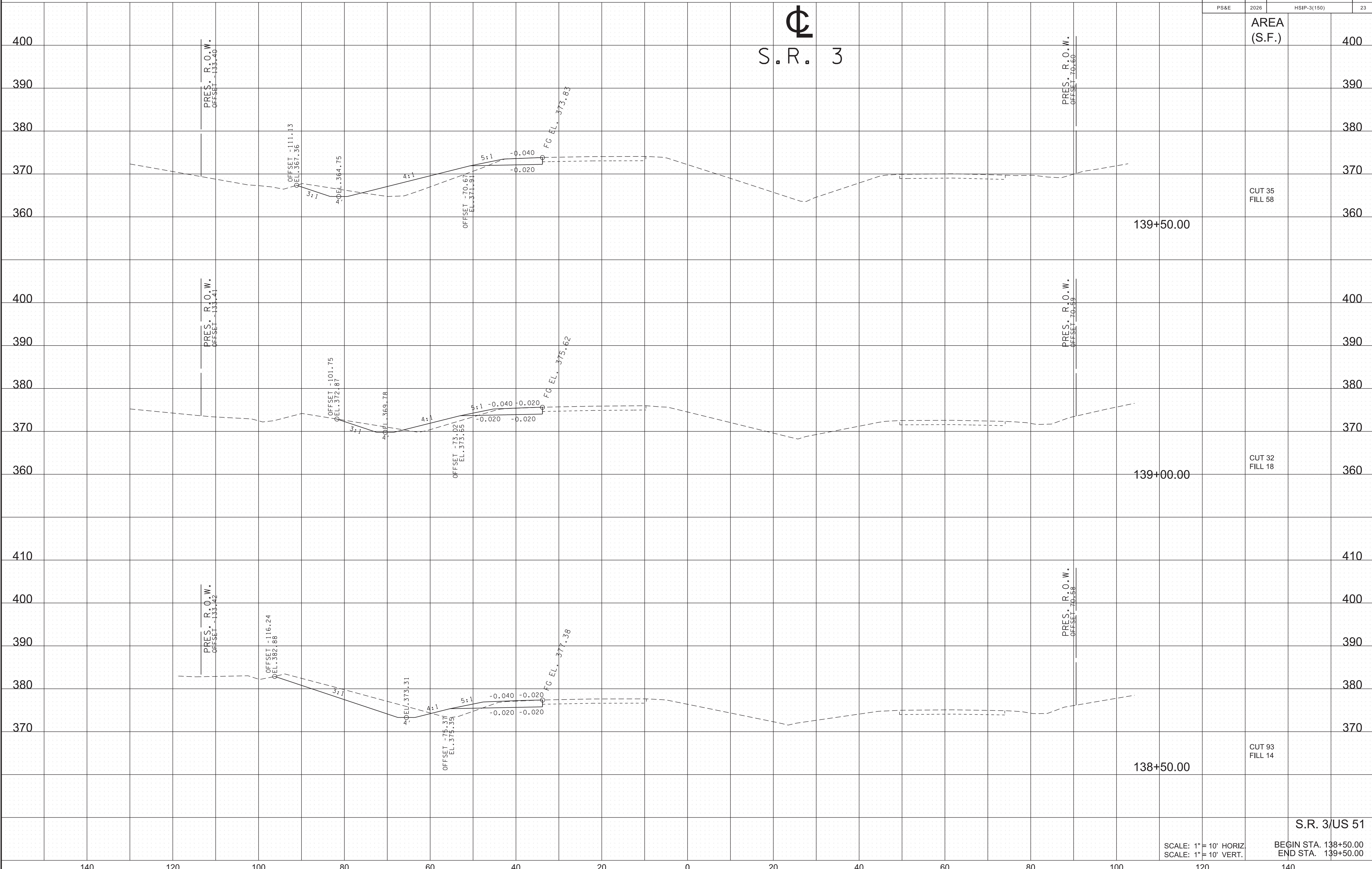
\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$

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

S.R. 3/US 51  
BEGIN STA. 137+50.00  
END STA. 138+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSP-3(150)	19
P.I.H.	2026	HSP-3(150)	23
PS&E	2026	HSP-3(150)	23

  
 S.R. 3




\$\$\$\$\$\$TIME\$\$\$\$\$\$  
 \$\$\$\$\$\$DONSPEC\$\$\$\$\$\$

SCALE: 1" = 10' HORIZ  
 SCALE: 1" = 10' VERT.  
 BEGIN STA. 138+50.00  
 END STA. 139+50.00

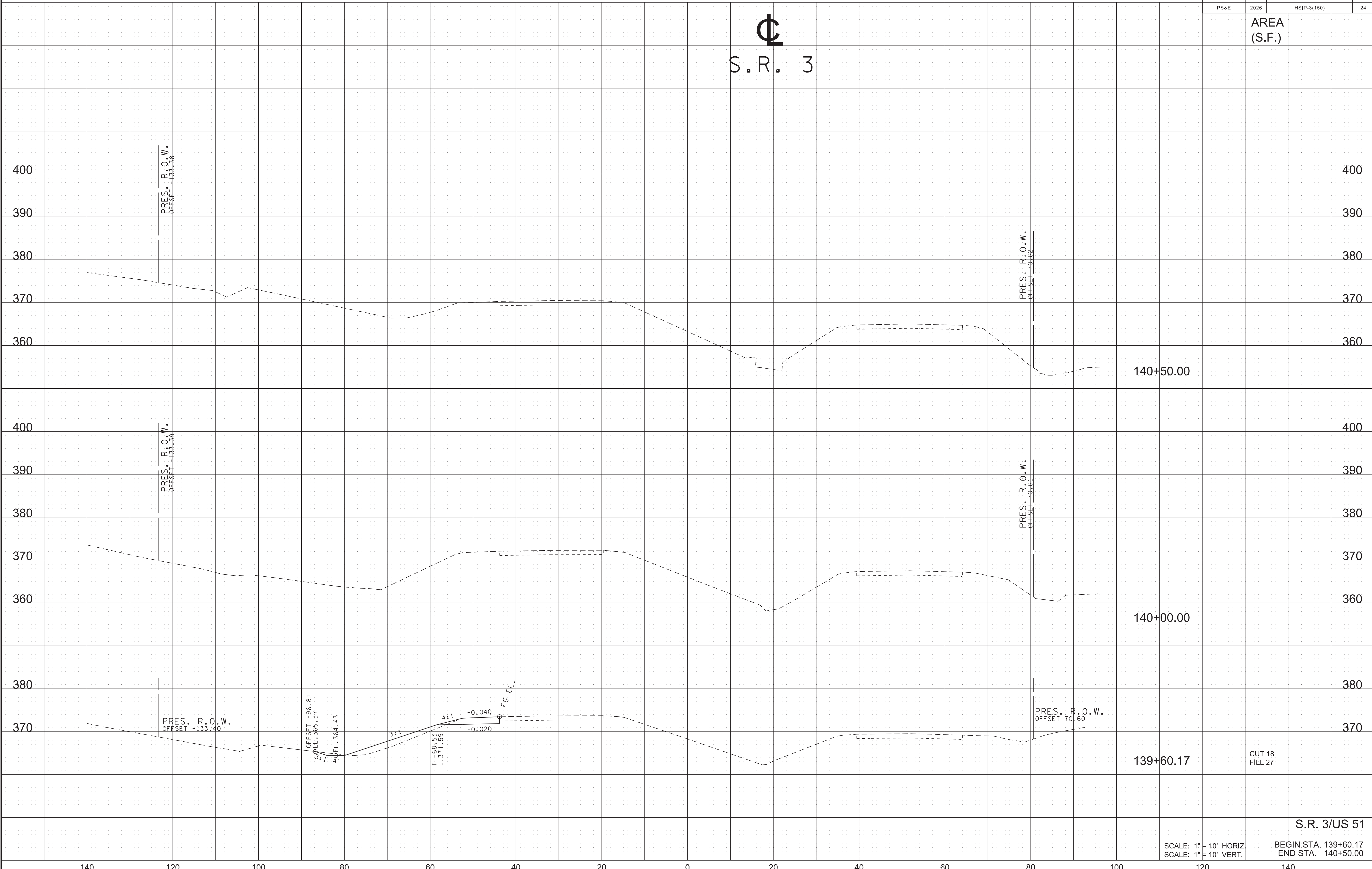
S.R. 3/US 51

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	20
P.I.H.	2026	HSIP-3(150)	24
PS&E	2026	HSIP-3(150)	24

  
 S.R. 3

AREA  
(S.F.)

\$\$\$\$TIMES\$\$\$\$  
\$\$\$\$ONSPEC\$\$\$\$




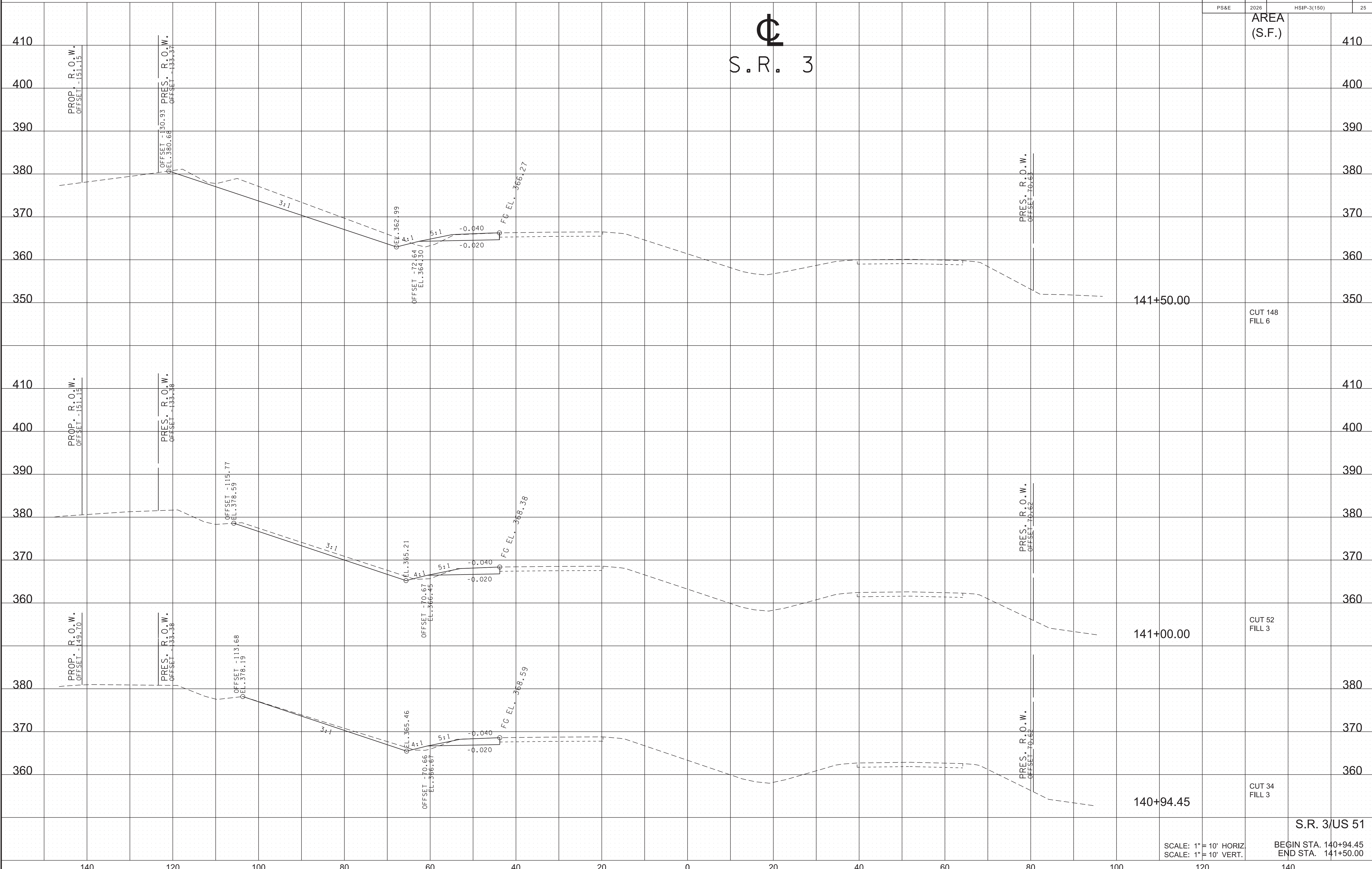
SCALE: 1" = 10' HORIZ  
SCALE: 1" = 10' VERT.

S.R. 3/US 51

BEGIN STA. 139+60.17  
END STA. 140+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	21
P.I.H.	2026	HSIP-3(150)	25
PS&E	2026	HSIP-3(150)	25

  
 S.R. 3



AREA (S.F.)

CUT 148  
FILL 6

CUT 52  
FILL 3


CUT 34  
FILL 3

S.R. 3/US 51

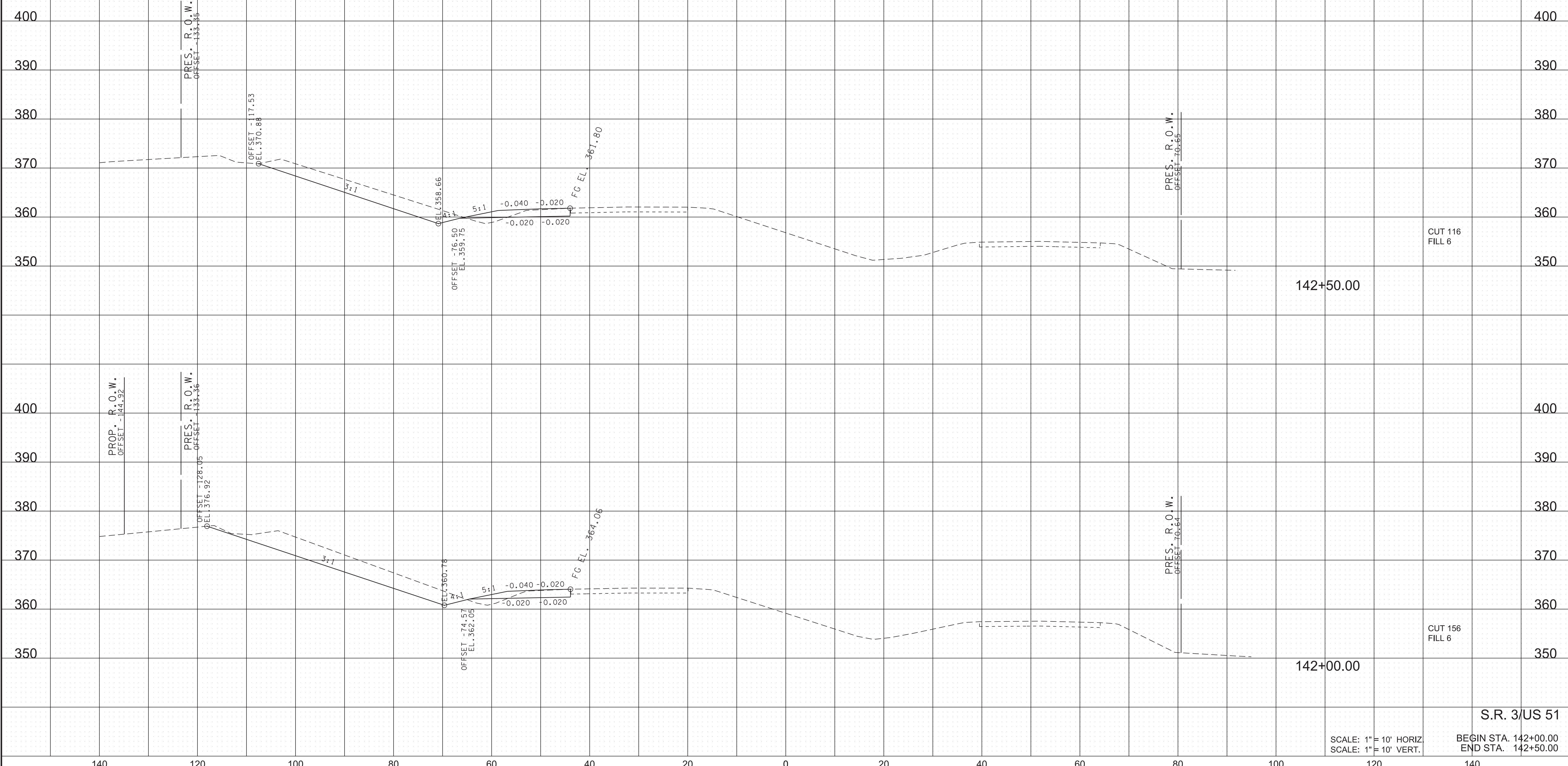
SCALE: 1" = 10' HORIZ  
SCALE: 1" = 10' VERT. BEGIN STA. 140+94.45  
END STA. 141+50.00

\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPC\$\$\$\$\$

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	22
P.I.H.	2026	HSIP-3(150)	26
PS&E	2026	HSIP-3(150)	26

  
 S.R. 3

AREA  
(S.F.)



CUT 116  
FILL 6

CUT 156  
FILL 6


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

S.R. 3/US 51

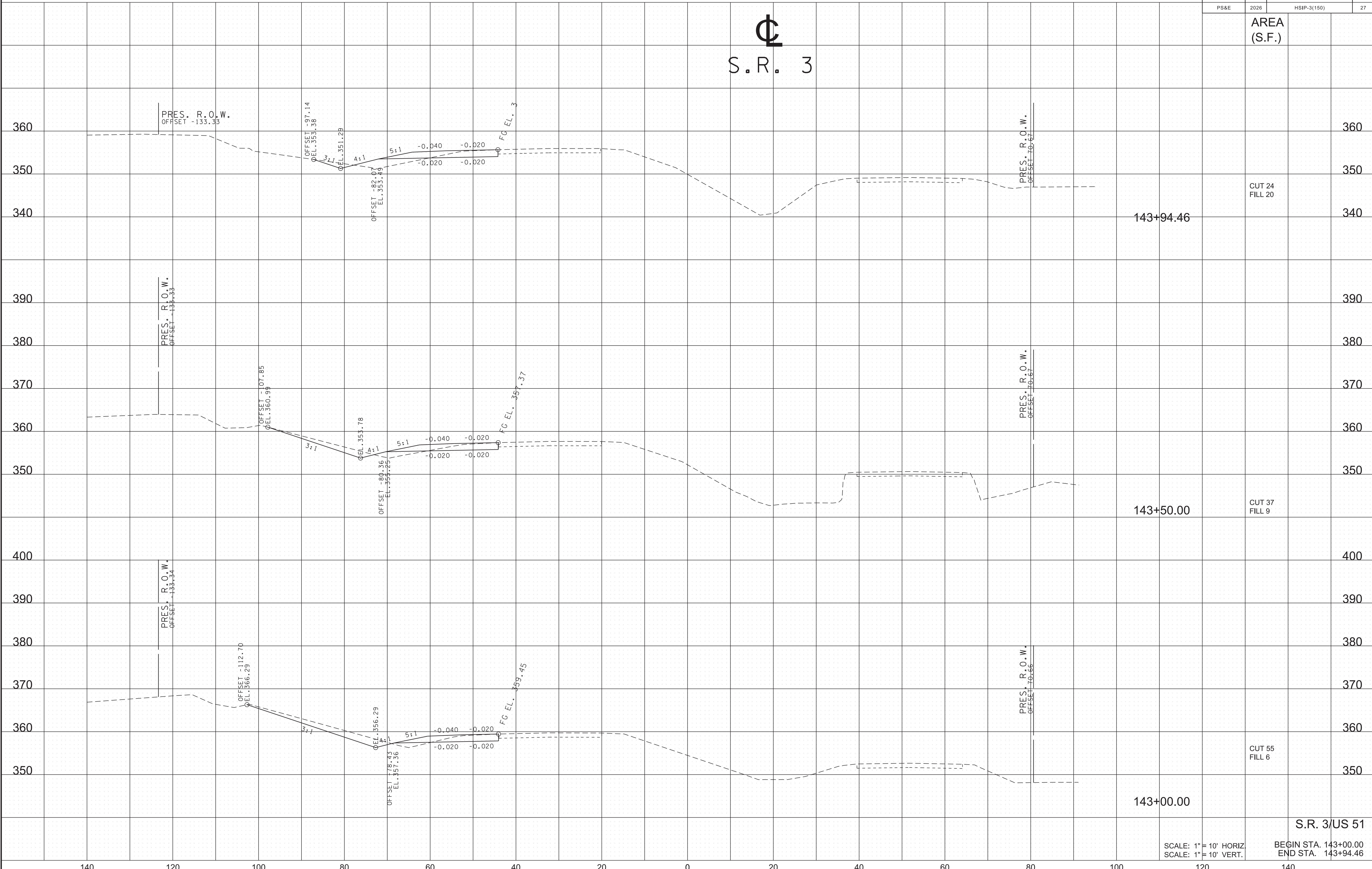
BEGIN STA. 142+00.00  
END STA. 142+50.00

\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPER\$\$\$\$\$

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	23
P.I.H.	2026	HSIP-3(150)	27
PS&E	2026	HSIP-3(150)	27

  
 S.R. 3

\$\$\$\$\$TIME\$\$\$\$\$  
 \$\$\$DONSPEC\$\$\$



AREA  
(S.F.)

CUT 24  
FILL 20

CUT 37  
FILL 9

CUT 55  
FILL 6

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

S.R. 3/US 51

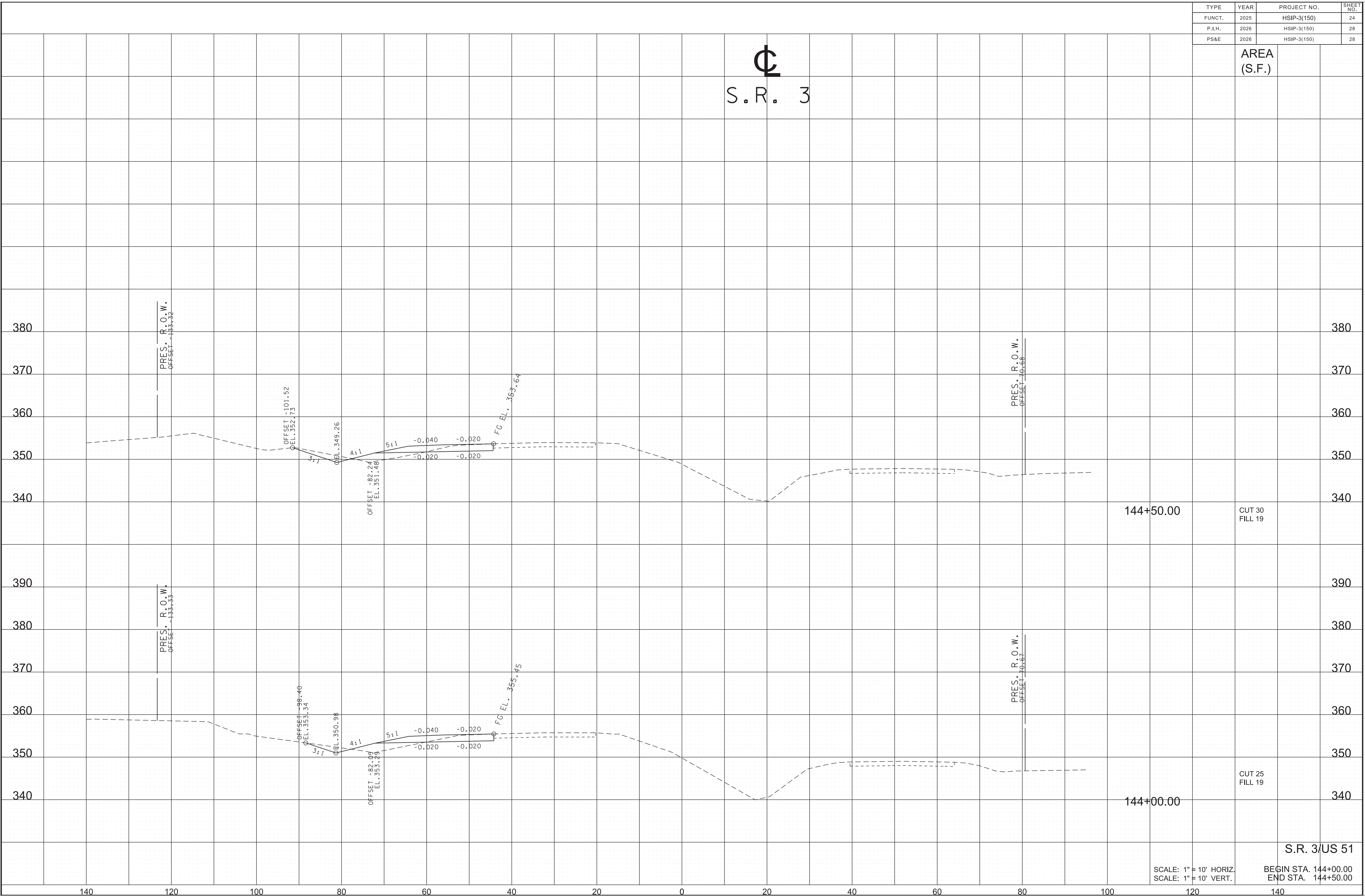
BEGIN STA. 143+00.00  
 END STA. 143+94.46

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	24
P.I.H.	2026	HSIP-3(150)	28
PS&E	2026	HSIP-3(150)	28

AREA  
(S.F.)

Ⓢ  
S.R. 3


\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPCOC\$\$\$\$\$



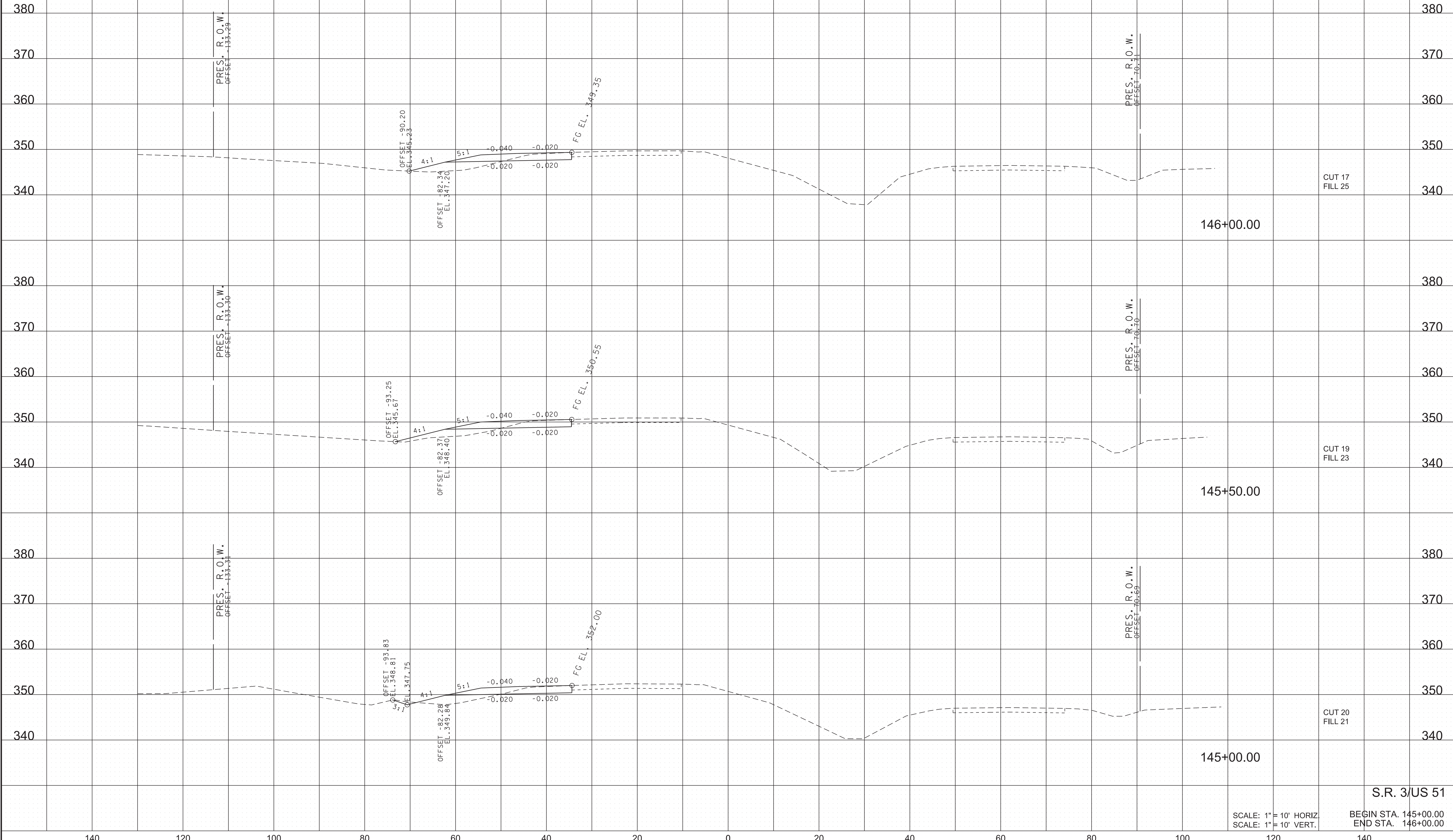
SCALE: 1" = 10' HORIZ.  
SCALE: 1" = 10' VERT.

S.R. 3/US 51  
BEGIN STA. 144+00.00  
END STA. 144+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	25
P.I.H.	2026	HSIP-3(150)	29
PS&E	2026	HSIP-3(150)	29

  
 S.R. 3

AREA  
(S.F.)




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

S.R. 3/US 51

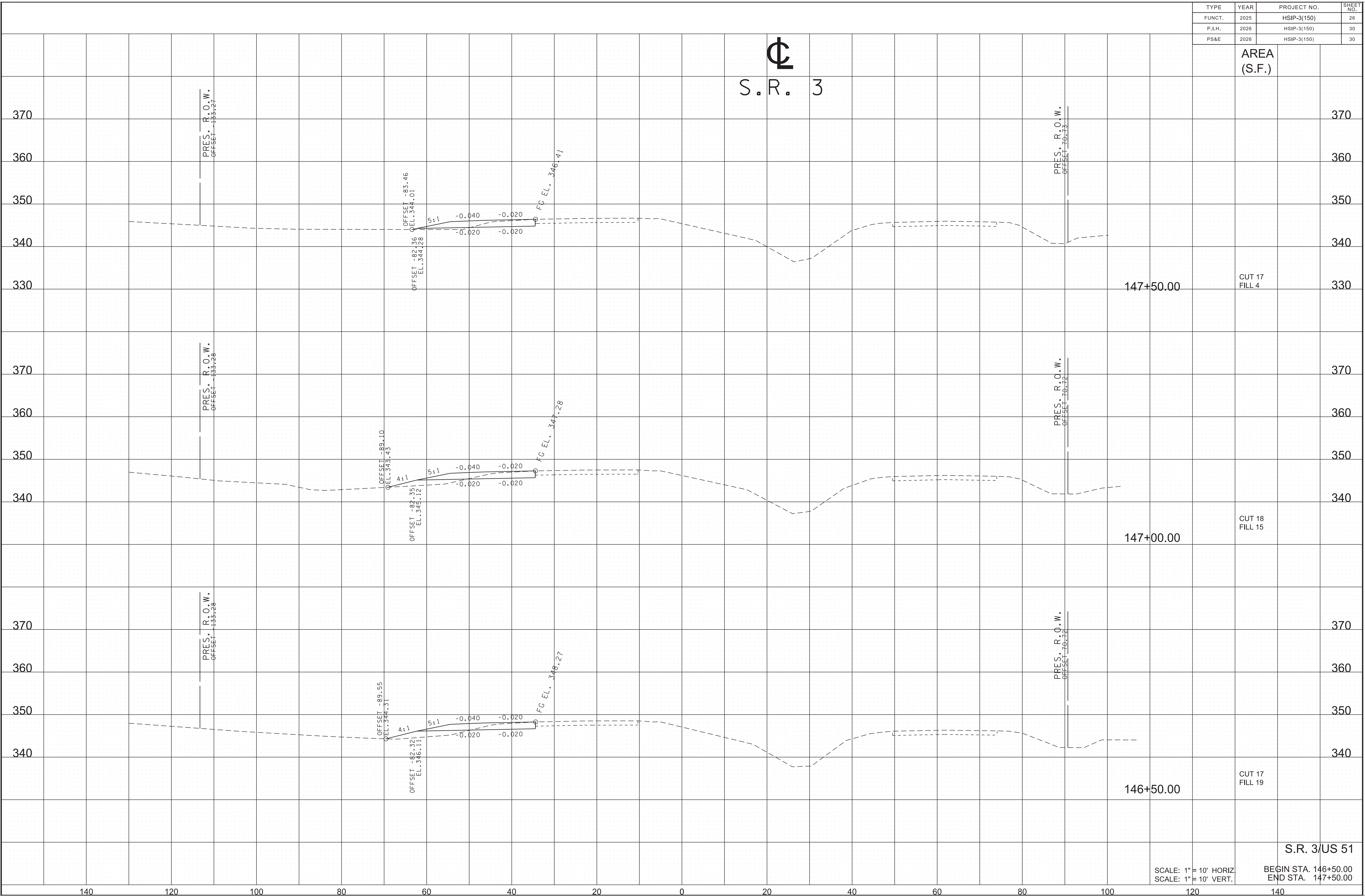
BEGIN STA. 145+00.00  
END STA. 146+00.00

\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPCO\$\$\$\$\$

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSP-3(150)	26
P.I.H.	2026	HSP-3(150)	30
PS&E	2026	HSP-3(150)	30

  
 S.R. 3


\$\$\$\$\$TIMES\$\$\$\$\$  
 \$\$\$DONSPCO\$\$\$\$\$



SCALE: 1" = 10' HORIZ  
 SCALE: 1" = 10' VERT.  
 BEGIN STA. 146+50.00  
 END STA. 147+50.00

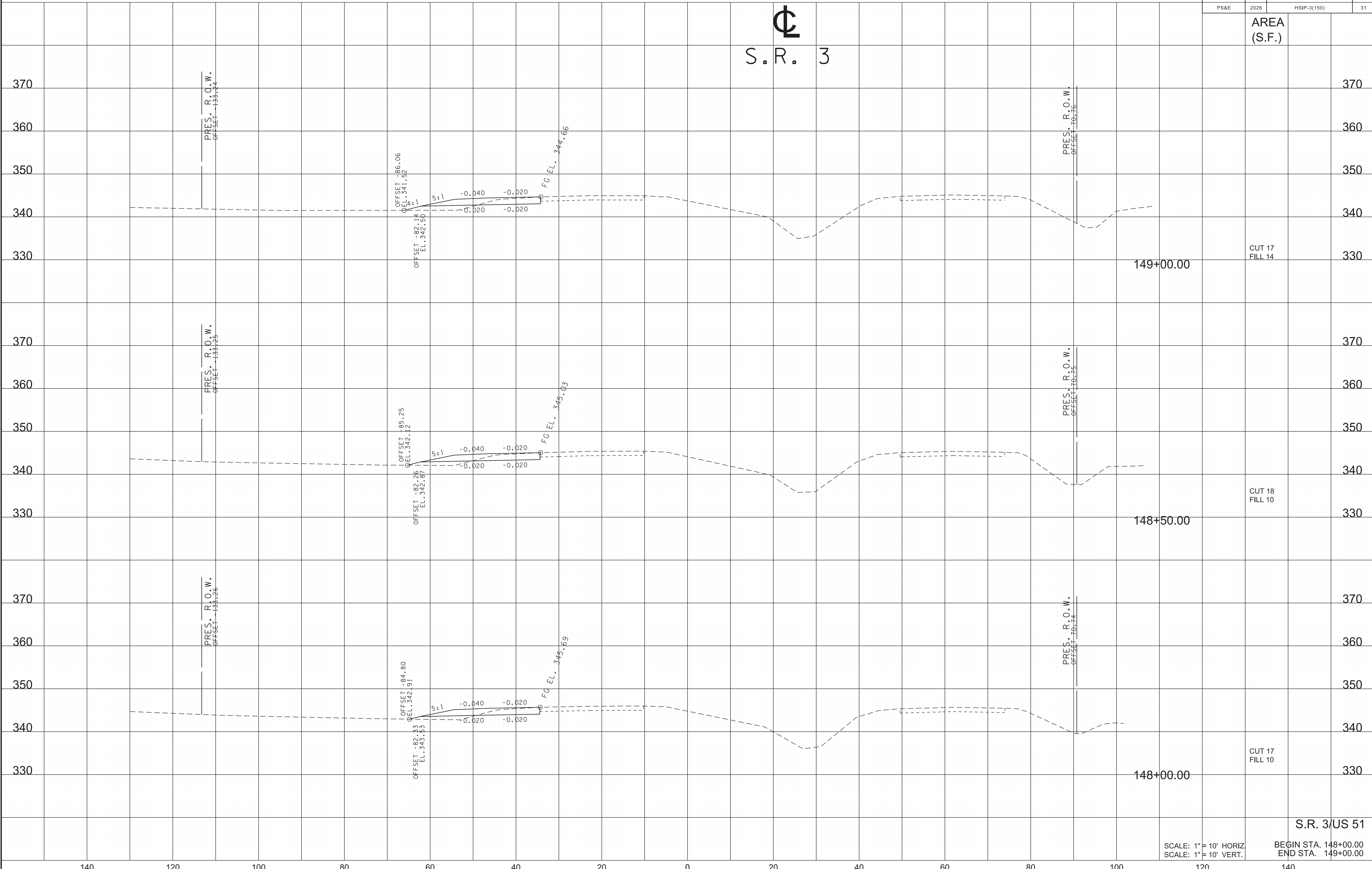
S.R. 3/US 51

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	27
P.I.H.	2026	HSIP-3(150)	31
PS&E	2026	HSIP-3(150)	31

  
 S.R. 3

AREA  
(S.F.)


\$\$\$\$\$TIMES\$\$\$\$\$  
\$\$\$\$\$DONSPECS\$\$\$\$\$



S.R. 3/US 51

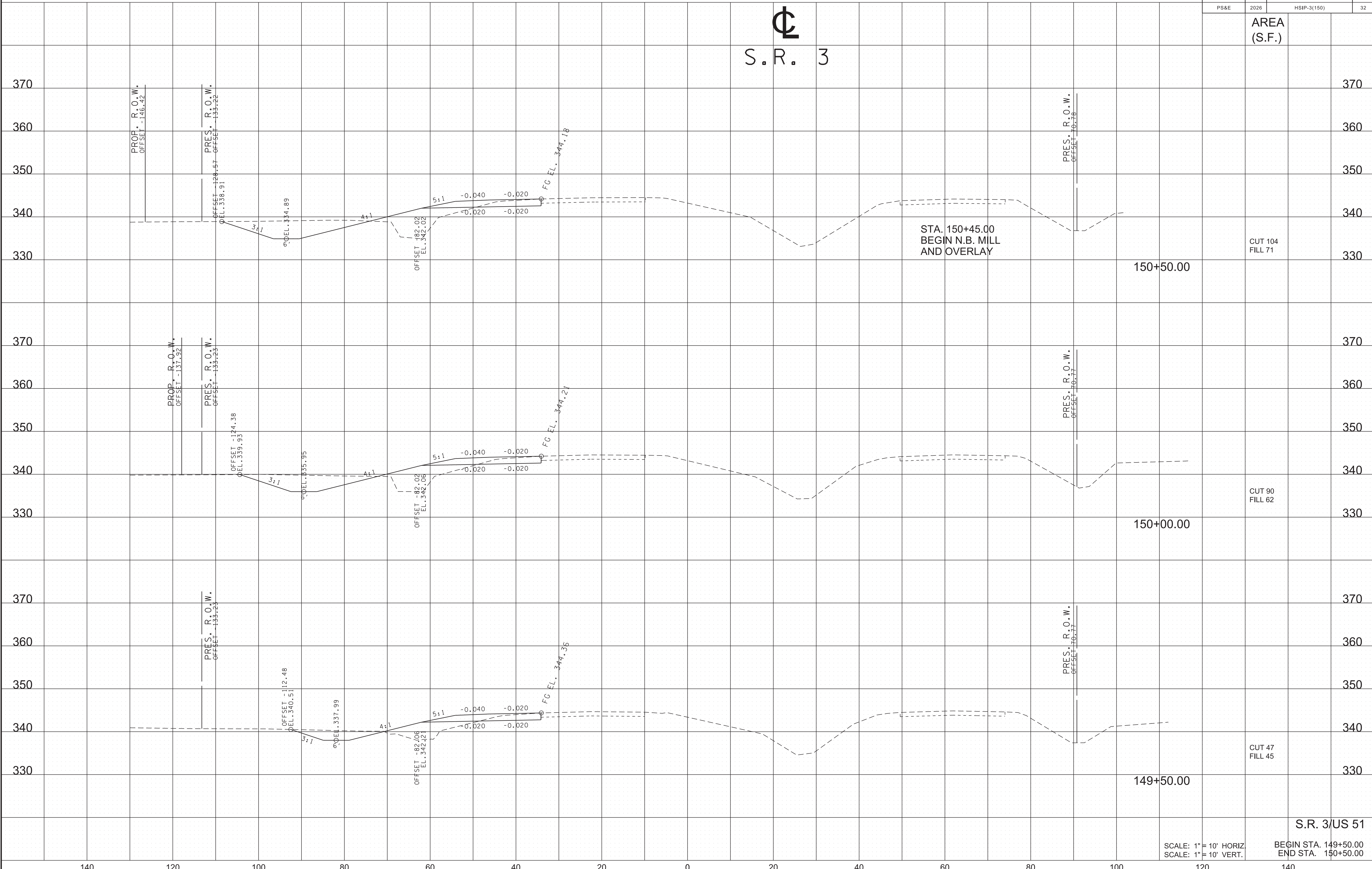
SCALE: 1" = 10' HORIZ  
SCALE: 1" = 10' VERT.  
BEGIN STA. 148+00.00  
END STA. 149+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	28
P.I.H.	2026	HSIP-3(150)	32
PS&E	2026	HSIP-3(150)	32

  
 S.R. 3

AREA  
(S.F.)


\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$



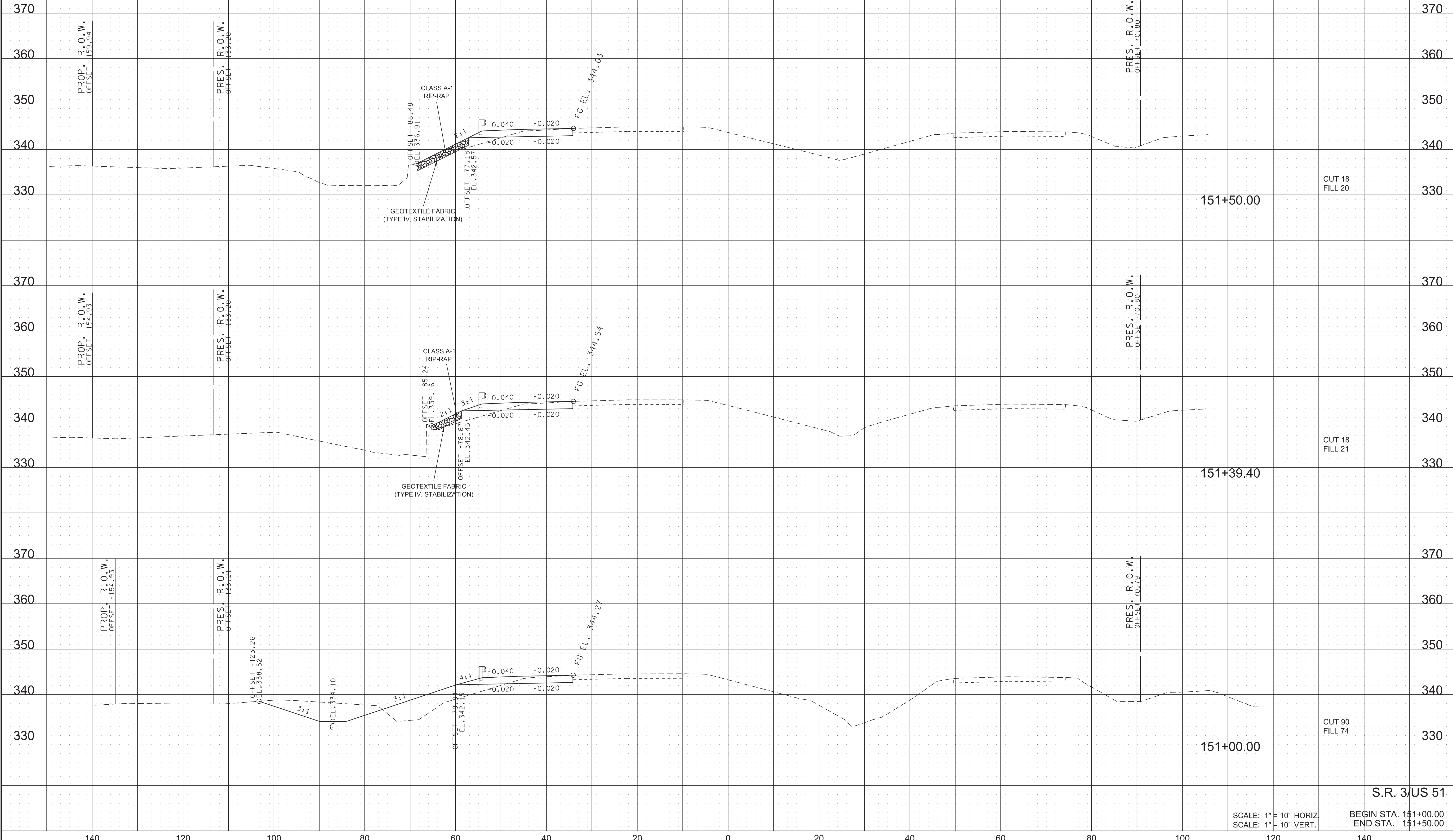
SCALE: 1" = 10' HORIZ  
SCALE: 1" = 10' VERT.

S.R. 3/US 51  
BEGIN STA. 149+50.00  
END STA. 150+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	29
P.I.H.	2026	HSIP-3(150)	33
PS&E	2026	HSIP-3(150)	33

  
 S.R. 3

AREA  
(S.F.)




\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$

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

S.R. 3/US 51

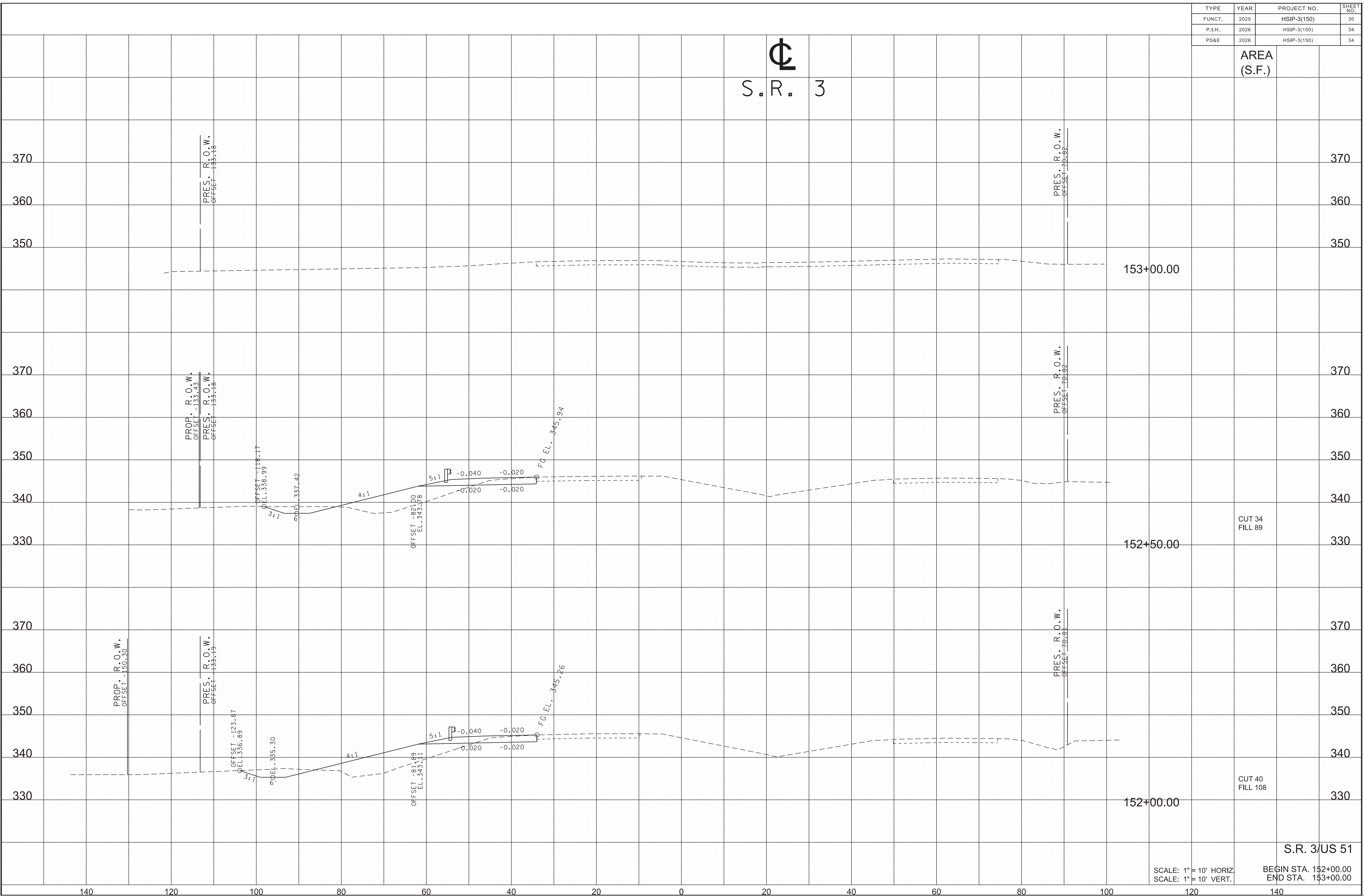
BEGIN STA. 151+00.00  
END STA. 151+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	30
P.I.H.	2026	HSIP-3(150)	34
PS&E	2026	HSIP-3(150)	34

  
 S.R. 3

AREA  
(S.F.)

\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$

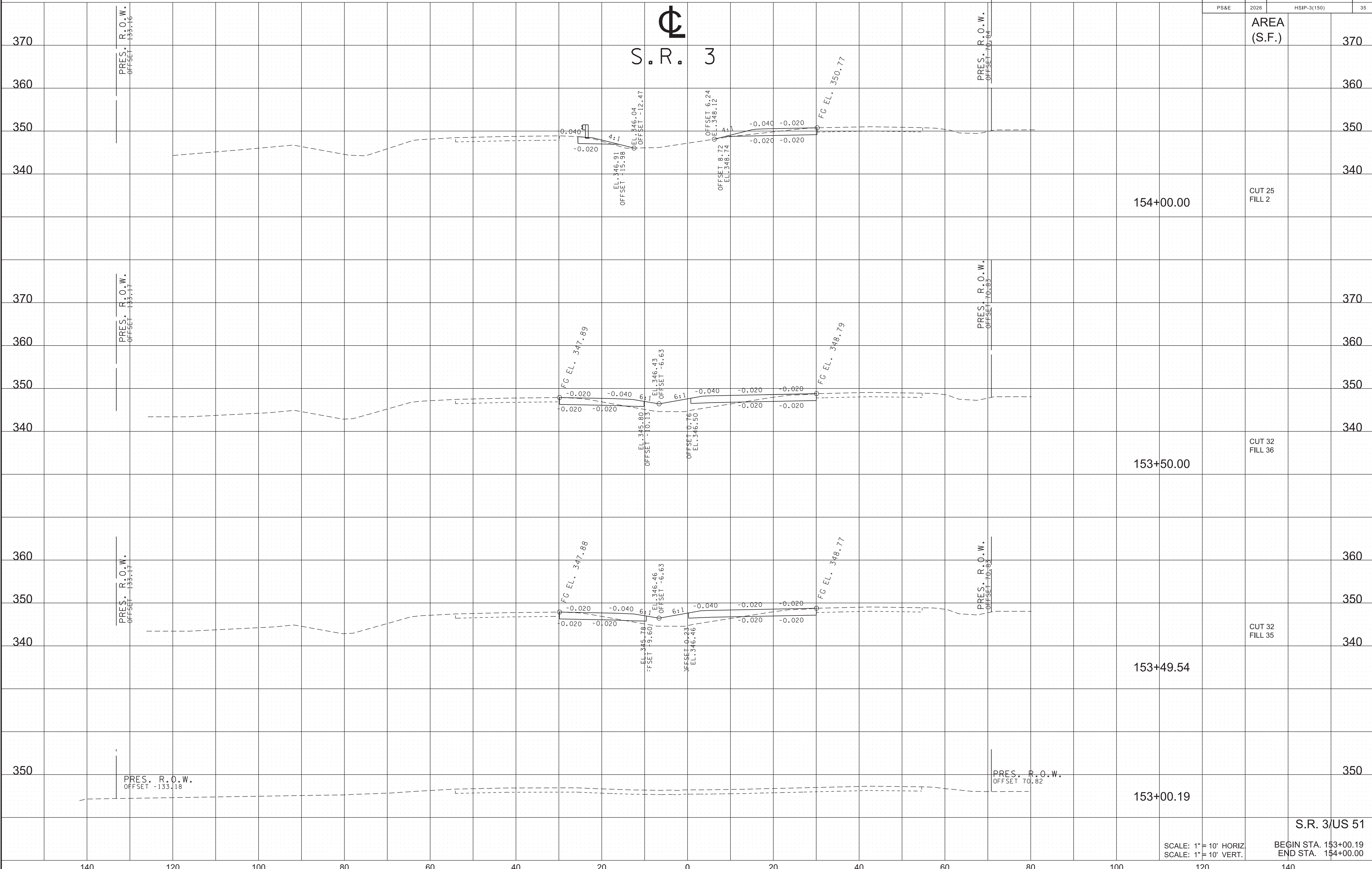


S.R. 3/US 51

SCALE: 1" = 10' HORIZ  
SCALE: 1" = 10' VERT.  
BEGIN STA. 152+00.00  
END STA. 153+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	31
P.I.H.	2026	HSIP-3(150)	35
PS&E	2026	HSIP-3(150)	35

S.R. 3




\$\$\$\$\$TIME\$\$\$\$\$  
 \$\$\$DONSPEC\$\$\$

SCALE: 1" = 10' HORIZ  
 SCALE: 1" = 10' VERT.  
 BEGIN STA. 153+00.19  
 END STA. 154+00.00

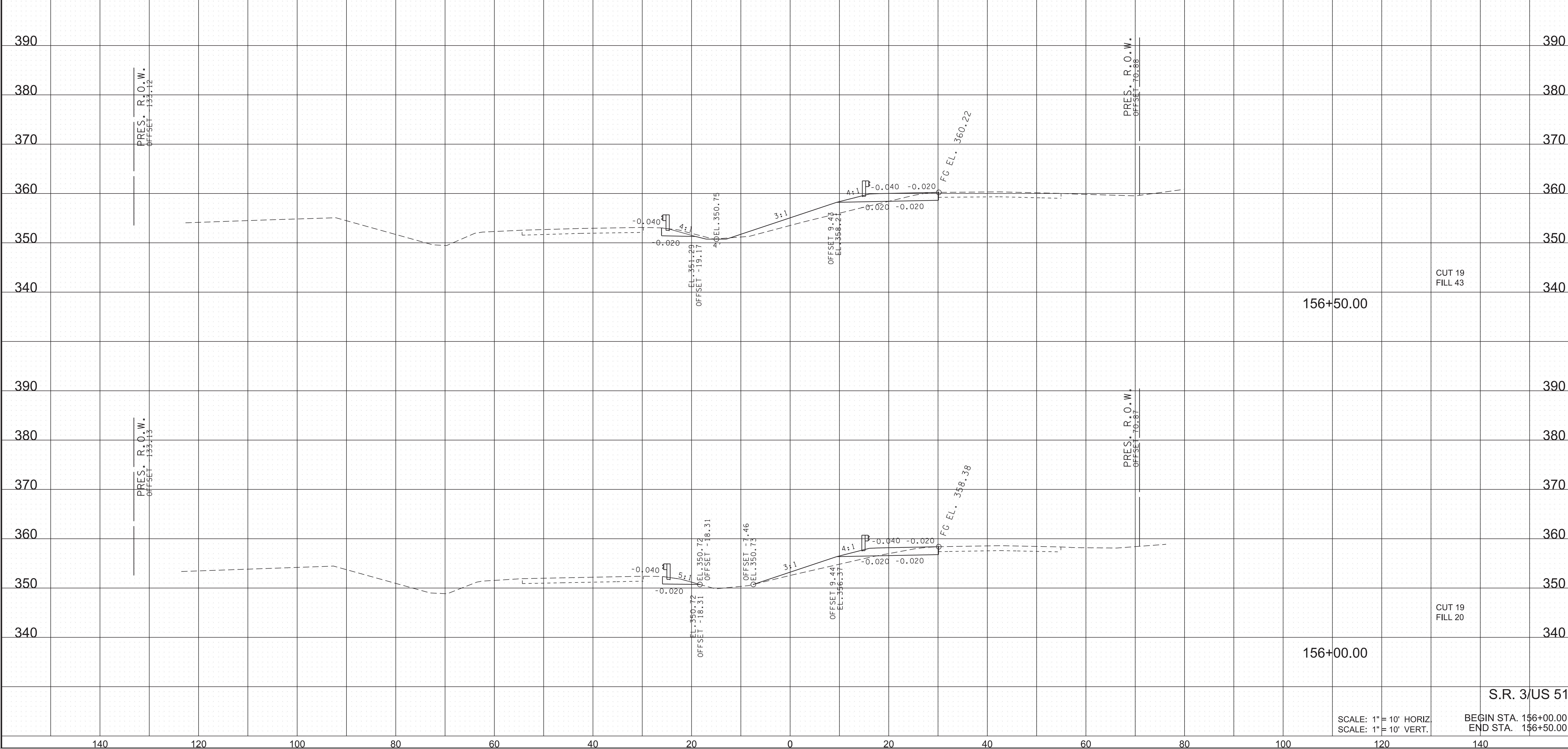
S.R. 3/US 51



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	33
P.I.H.	2026	HSIP-3(150)	37
PS&E	2026	HSIP-3(150)	37


  
 S.R. 3

AREA  
(S.F.)



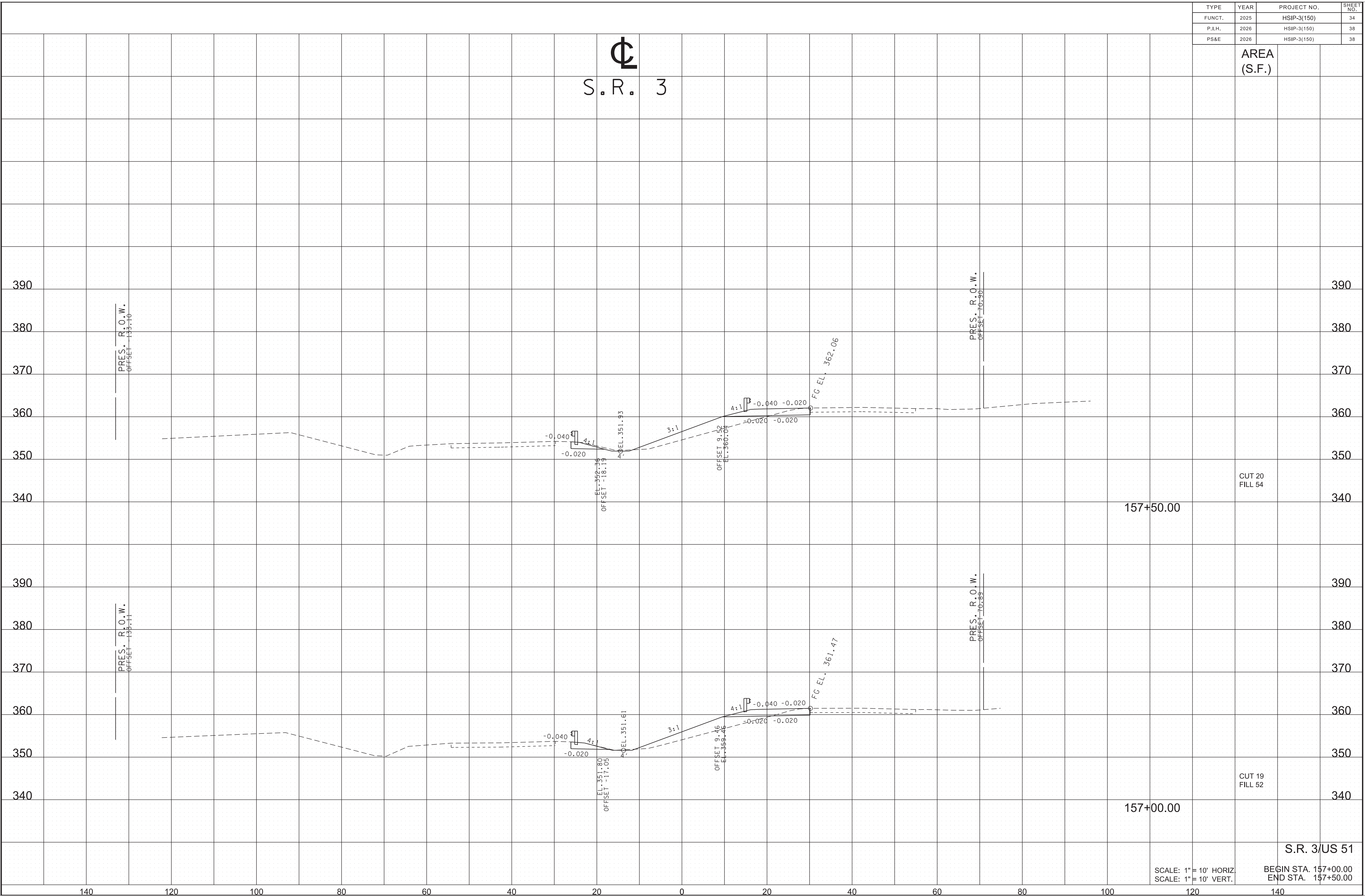
\$\$\$\$\$\$TIMES\$\$\$\$\$\$  
 \$\$\$\$\$\$DONSPEC\$\$\$\$\$\$

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	34
P.I.H.	2026	HSIP-3(150)	38
PS&E	2026	HSIP-3(150)	38

  
 S.R. 3

AREA  
(S.F.)

\$\$\$\$\$TIMES\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$



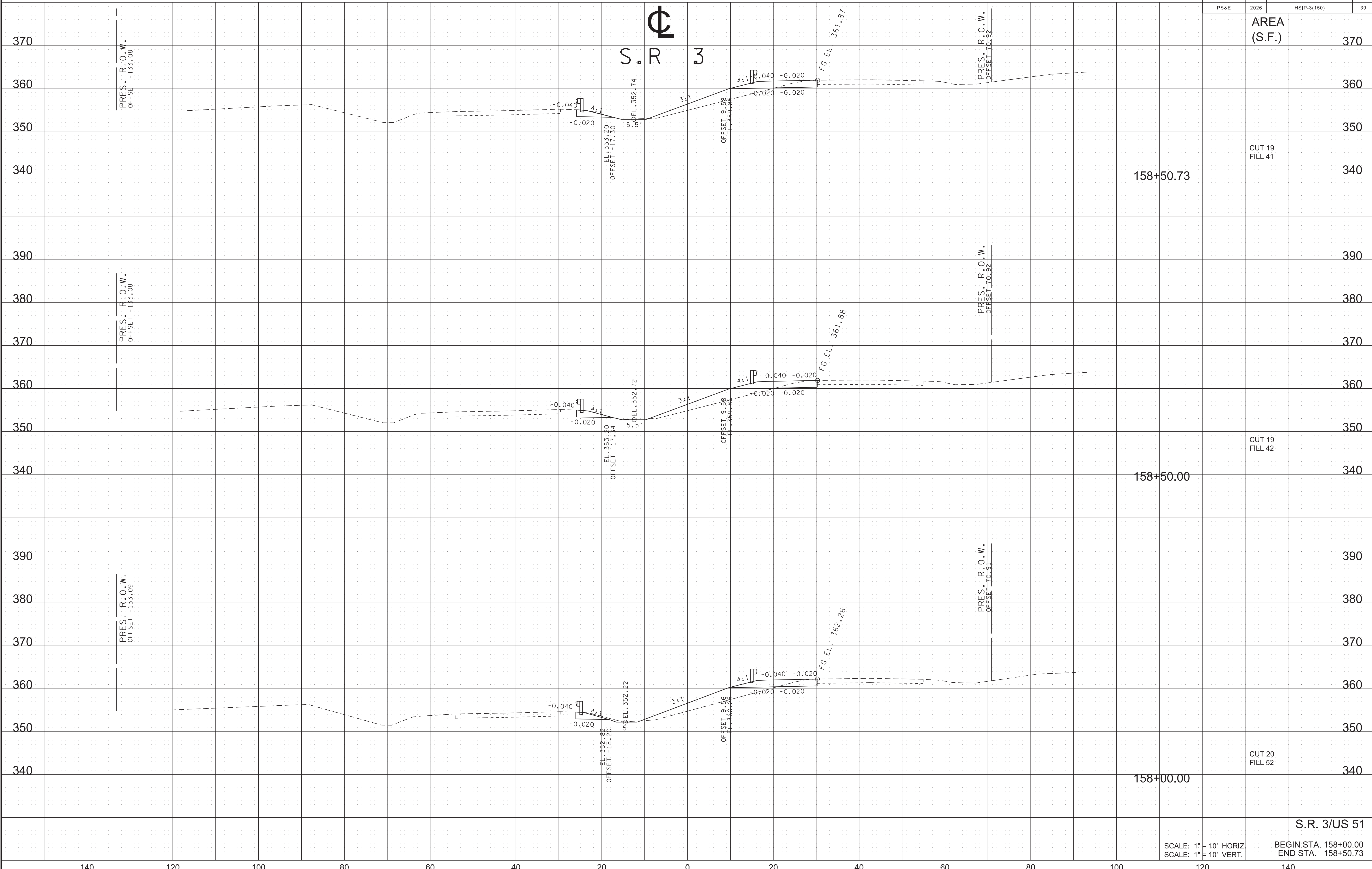
SCALE: 1" = 10' HORIZ  
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S.R. 3/US 51

BEGIN STA. 157+00.00  
END STA. 157+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	35
P.I.H.	2026	HSIP-3(150)	39
PS&E	2026	HSIP-3(150)	39

\$\$\$\$\$TIMES\$\$\$\$\$  
 \$\$\$DONSPICES\$\$\$\$\$



AREA (S.F.) 370

CUT 19 FILL 41 340


CUT 19 FILL 42 340

CUT 20 FILL 52 340

S.R. 3/US 51

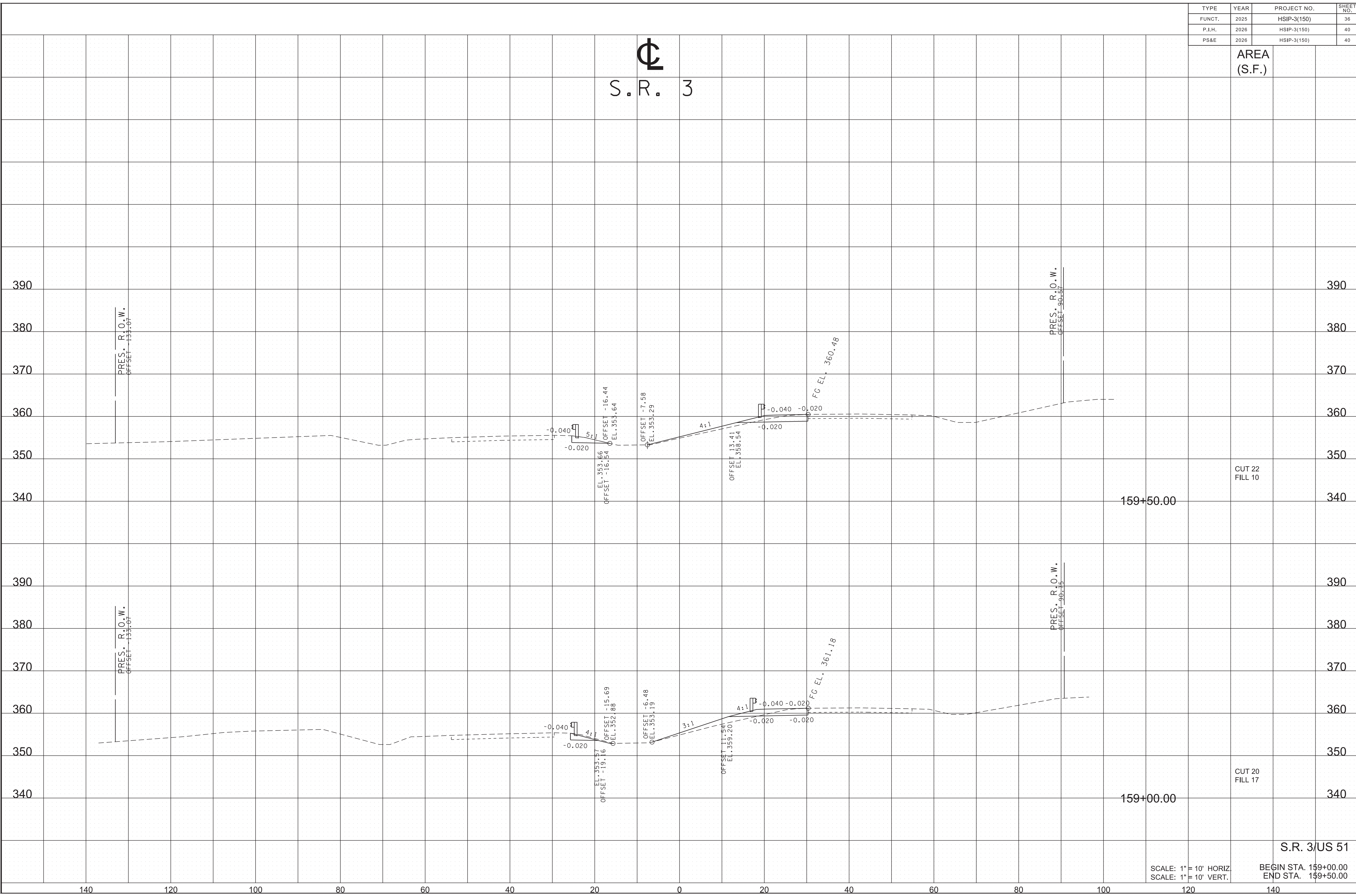
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 SCALE: 1" = 10' VERT.  
 BEGIN STA. 158+00.00  
 END STA. 158+50.73

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	36
P.I.H.	2026	HSIP-3(150)	40
PS&E	2026	HSIP-3(150)	40

  
 S.R. 3

AREA  
(S.F.)

\$\$\$\$\$TIMES\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$




CUT 22  
FILL 10

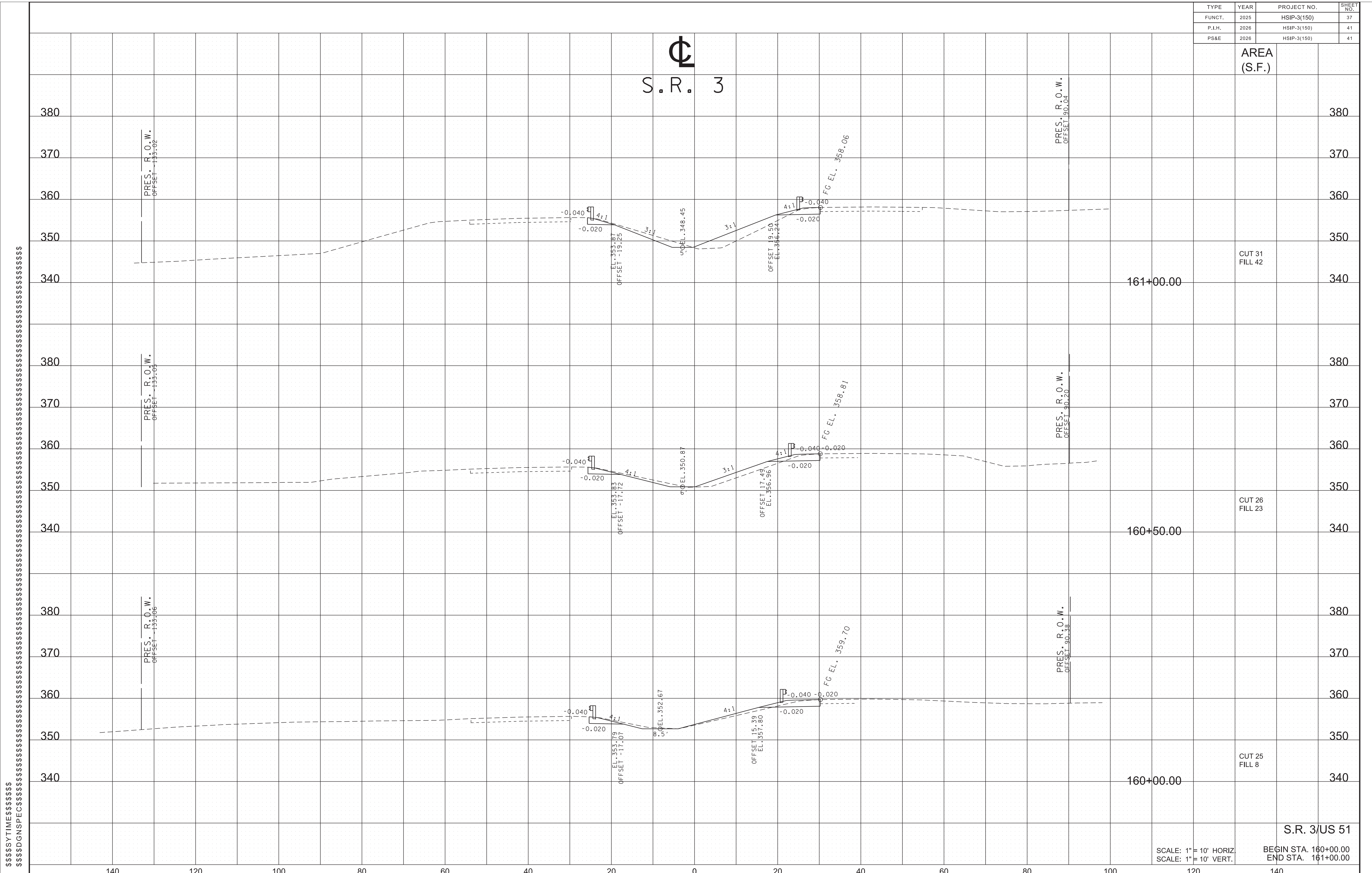
CUT 20  
FILL 17

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

S.R. 3/US 51  
BEGIN STA. 159+00.00  
END STA. 159+50.00


TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSP-3(150)	37
P.I.H.	2026	HSP-3(150)	41
PS&E	2026	HSP-3(150)	41

  
**S.R. 3**

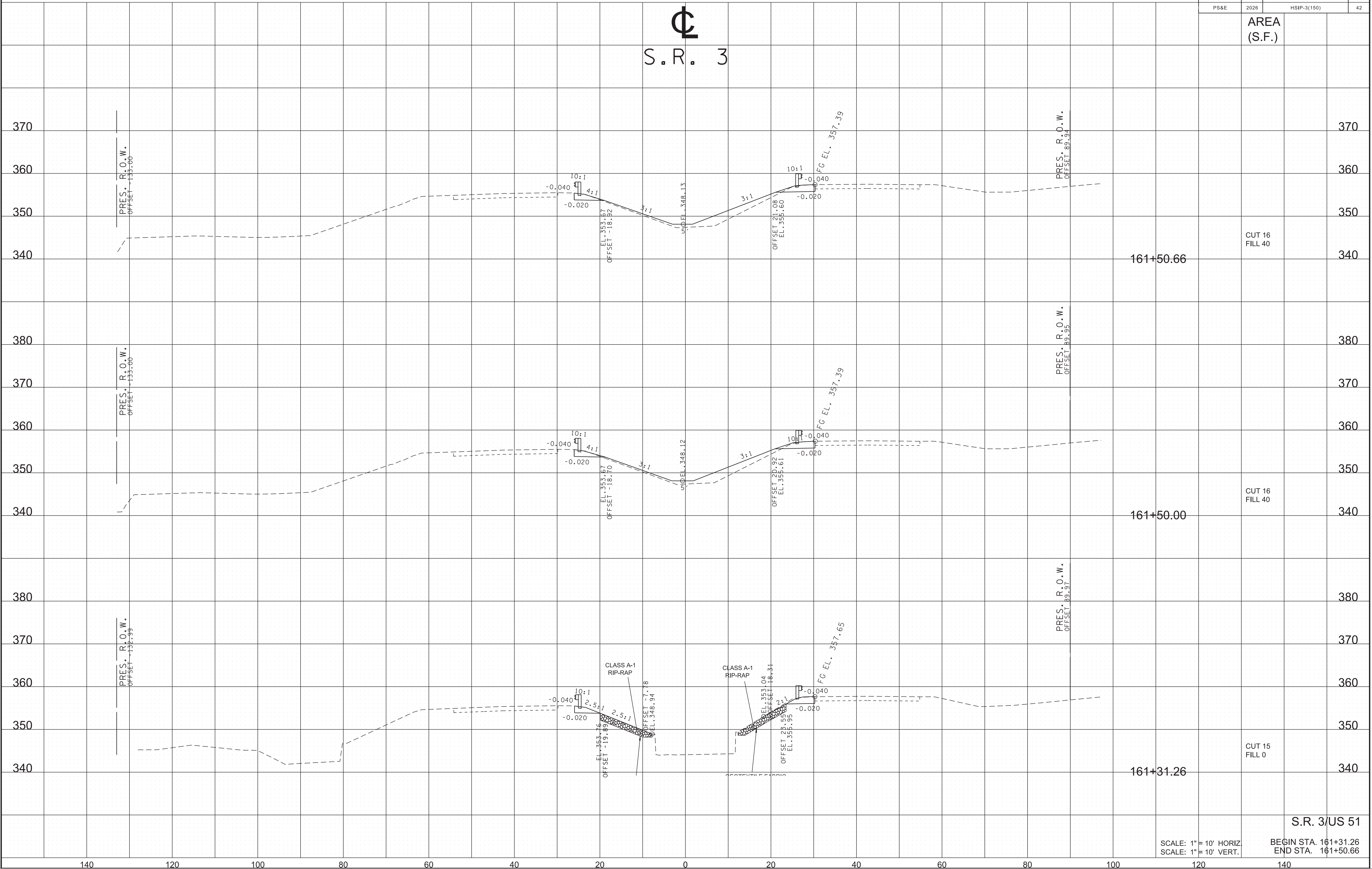


\$\$\$\$\$\$TIME\$\$\$\$\$\$  
 \$\$\$\$\$\$DONSPEC\$\$\$\$\$\$

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	38
P.I.H.	2026	HSIP-3(150)	42
PS&E	2026	HSIP-3(150)	42

  
 S.R. 3

\$\$\$\$\$TIMES\$\$\$\$\$  
 \$\$\$DONSPEC\$\$\$\$\$



AREA  
(S.F.)

CUT 16  
FILL 40

CUT 16  
FILL 40

CUT 15  
FILL 0


S.R. 3/US 51

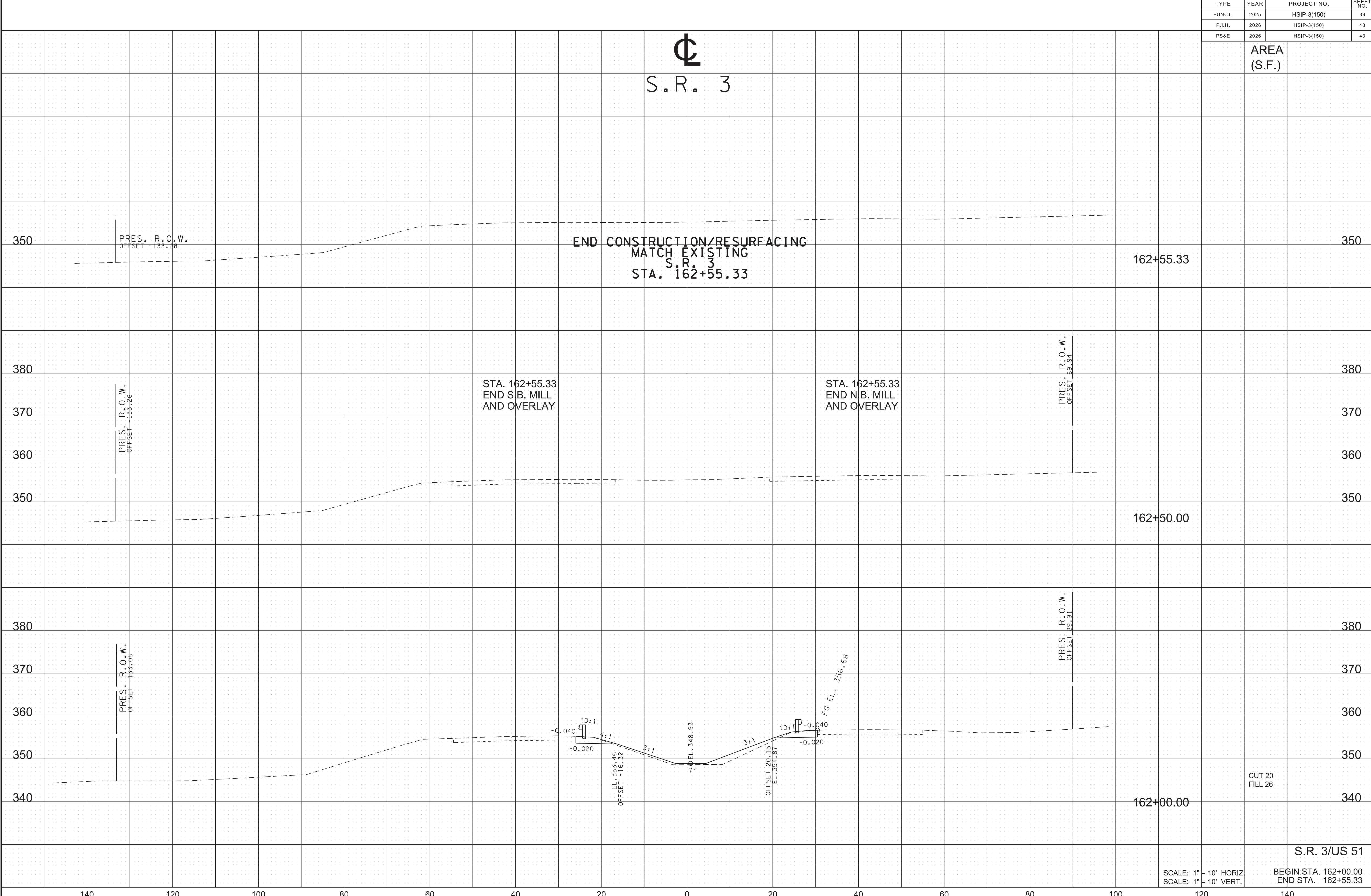
SCALE: 1" = 10' HORIZ  
 SCALE: 1" = 10' VERT.

BEGIN STA. 161+31.26  
 END STA. 161+50.66

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	39
P.I.H.	2026	HSIP-3(150)	43
PS&E	2026	HSIP-3(150)	43

AREA  
(S.F.)

  
 S.R. 3




\$\$\$\$\$TIMES\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$

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

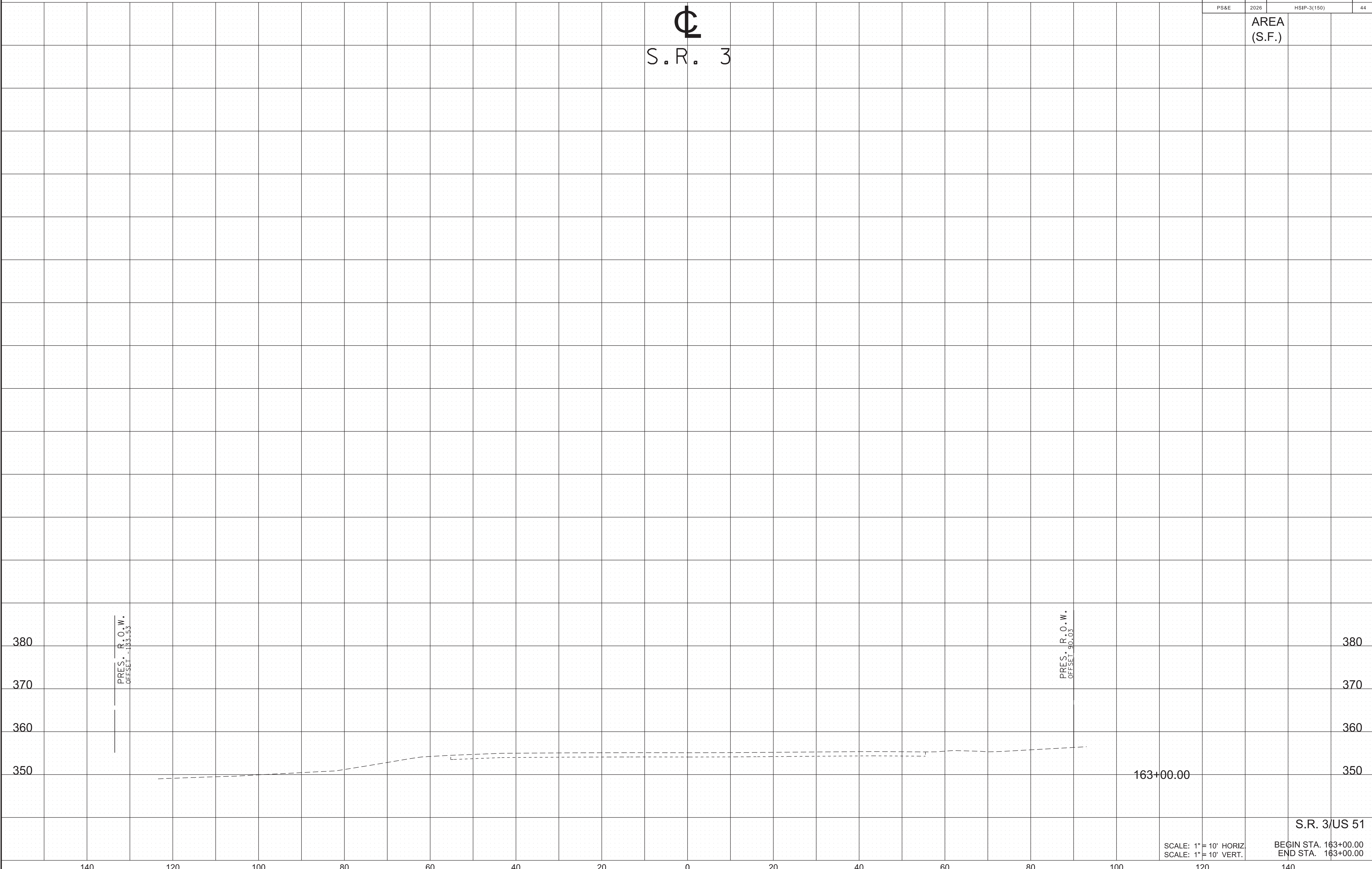
S.R. 3/US 51  
BEGIN STA. 162+00.00  
END STA. 162+55.33

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	40
P.I.H.	2026	HSIP-3(150)	44
PS&E	2026	HSIP-3(150)	44

  
 S.R. 3

AREA  
(S.F.)

\$\$\$\$\$TIME\$\$\$\$\$  
\$\$\$\$\$DONSPCO\$\$\$\$\$



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

S.R. 3/US 51

BEGIN STA. 163+00.00  
END STA. 163+00.00

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# 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.

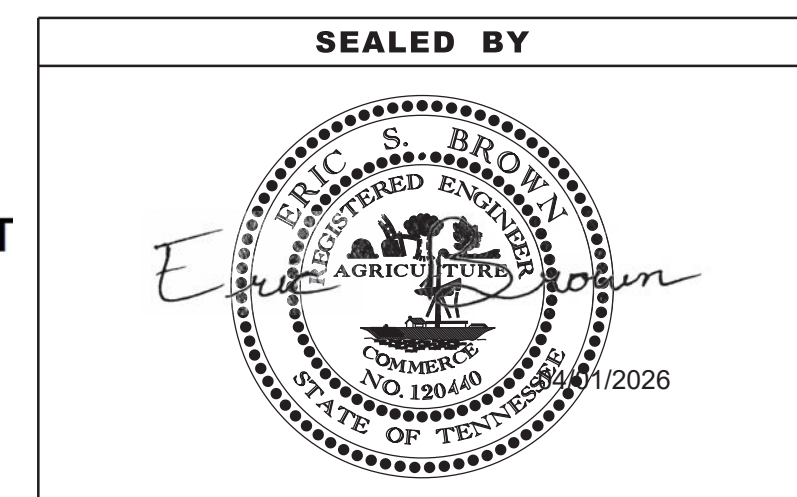
THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE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

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	T1
P.I.H.	2026	HSIP-3(150)	T1
PS&E	2026	HSIP-3(150)	T1







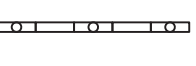



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

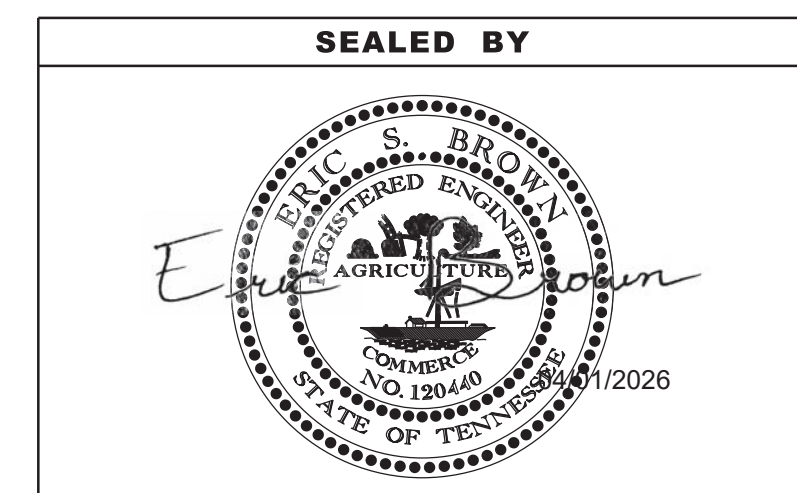
# PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	T2
P.I.H.	2026	HSIP-3(150)	T2
PS&E	2026	HSIP-3(150)	T2

TABULATED TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
			<b>84102-3216-94</b>
712-01	TRAFFIC CONTROL	LS	1
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	EACH	4280
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	3
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	100
712-04.50	BARRIER RAIL DELINEATOR	EACH	215
712-05.03	WARNING LIGHTS (TYPE C)	EACH	75
712-06	SIGNS (CONSTRUCTION)	S.F.	296
712-08.03	ARROW BOARD (TYPE C)	EACH	2
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	4455
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	1.857

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR

TRAFFIC CONTROL SIGN TABULATION											
M.U.T.C.D. SIGN NO.	LEGEND	SIZE IN INCHES			S.F.	NO. REQUIRED PHASE I	NO. REQUIRED PHASE II	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.	STANDARD DRAWING NO.	REMARKS
		L	X	W							
W20-1	ROAD WORK 1 MILE	48"		48"	16	2	2	4	64.00	T-WZ-11	
W20-5L	LEFT LANE CLOSED 1/2 MILE	48"		48"	16		2	2	32.00	T-WZ-11	
W20-5L	LEFT LANE CLOSED 1500 FEET	48"		48"	16		2	2	32.00	T-WZ-11	
W20-5L	RIGHT LANE CLOSED 1/2 MILE	48"		48"	16	2		2	32.00	T-WZ-11	
W20-5L	RIGHT LANE CLOSED 1500 FEET	48"		48"	16	2		2	32.00	T-WZ-11	
W4-2L	LEFT LANE MERGE	48"		48"	16		2	2	32.00	T-WZ-11	
W4-2R	RIGHT LANE MERGE	48"		48"	16	2		2	32.00	T-WZ-11	
G20-2	END ROAD WORK	48"		24"	8	2	2	4	32.00	T-WZ-11	
R3-2	NO LEFT TURN	24"		24"	4		2	2	8.00		
<b>TOTAL</b>								<b>296</b>	<b>S.F.</b>		



STATE OF TENNESSEE  
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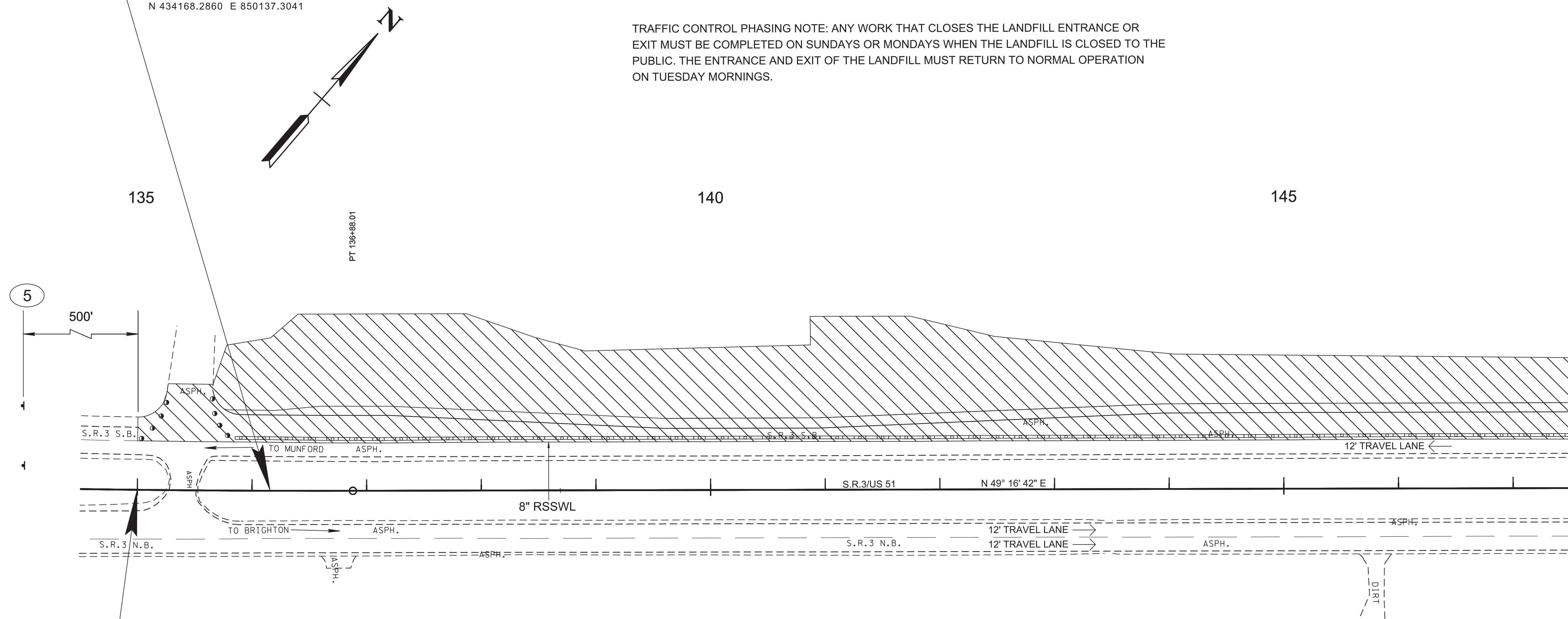
TRAFFIC CONTROL  
PHASING NOTES,  
LEGEND AND  
TABULATION.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2024	HSIP-3(150)	T3
P.I.H.	2026	HSIP-3(150)	T3
PS&E	2026	HSIP-3(150)	T3

84102-2216-94  
 BEGIN PROJECT NO. HSIP-3(150) R.O.W.

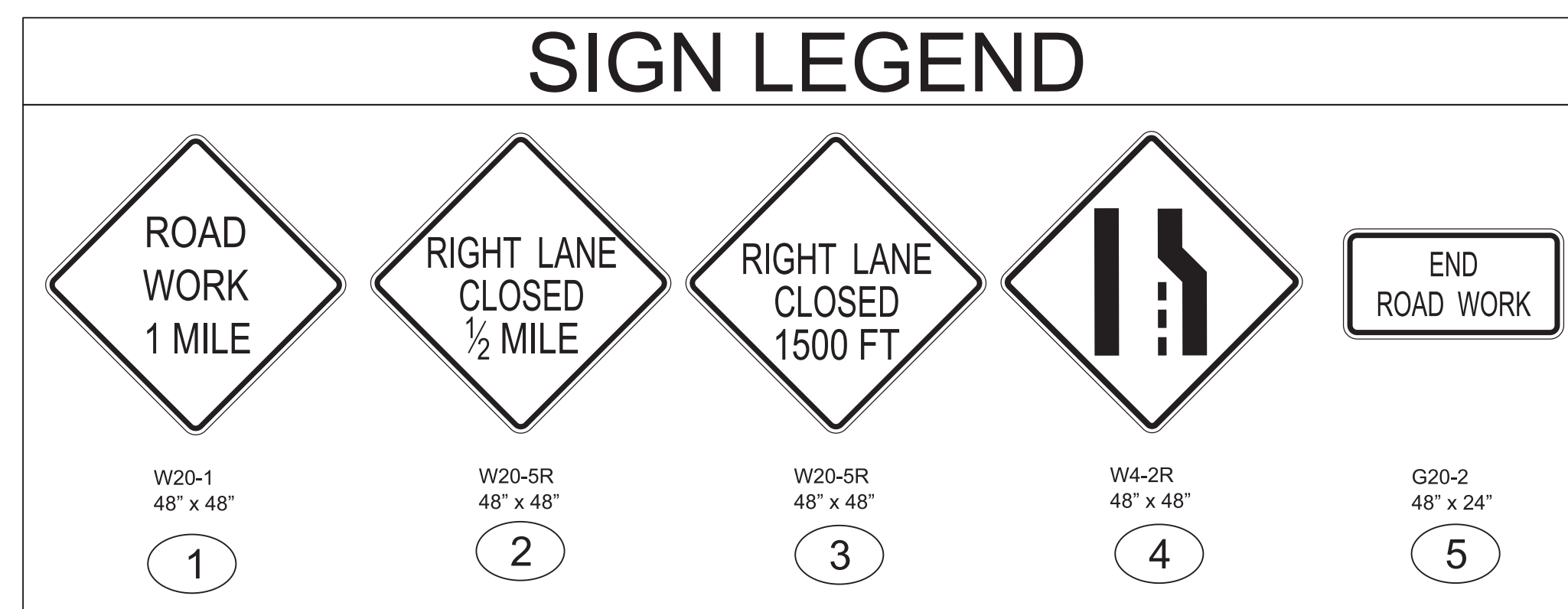
STA. 136+15.89  
 N 434168.2860 E 850137.3041

TRAFFIC CONTROL PHASING NOTE: ANY WORK THAT CLOSES THE LANDFILL ENTRANCE OR EXIT MUST BE COMPLETED ON SUNDAYS OR MONDAYS WHEN THE LANDFILL IS CLOSED TO THE PUBLIC. THE ENTRANCE AND EXIT OF THE LANDFILL MUST RETURN TO NORMAL OPERATION ON TUESDAY MORNINGS.

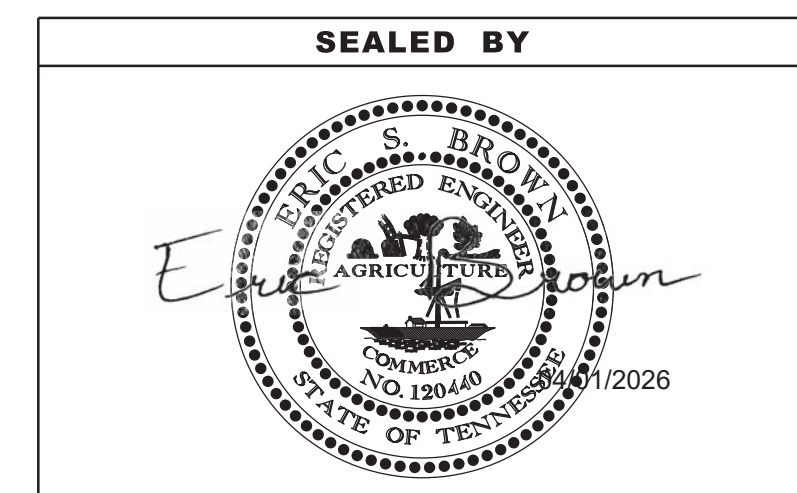


84102-3216-94  
 BEGIN PROJECT NO. HSIP-3(150) CONST.

STA. 134+99.79  
 N 434093.3852 E 850048.6046



TRAFFIC CONTROL ABBREVIATIONS	
ABBREVIATION	ITEM
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE



COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 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. 134+50 TO STA. 147+50  
 SCALE: 1"=50'

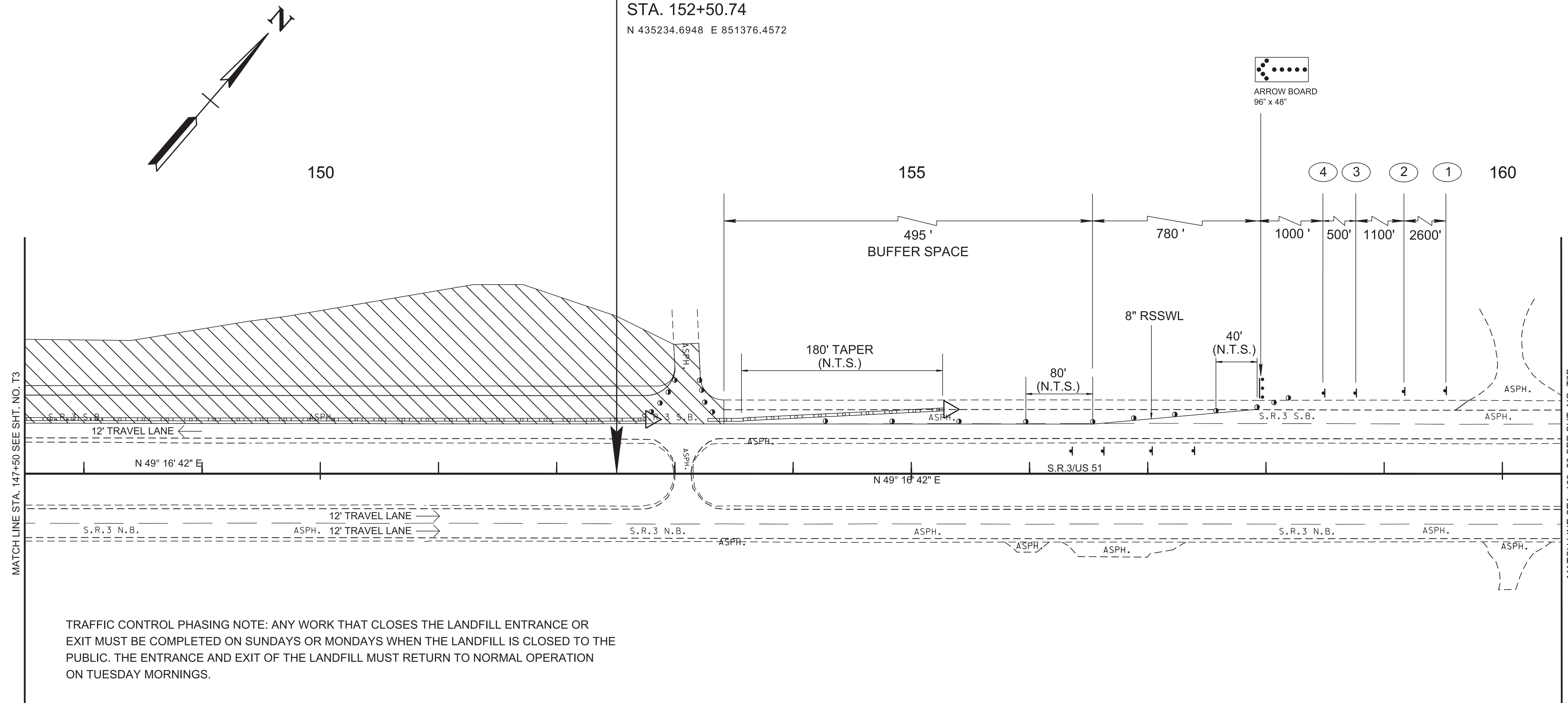
**PHASE I**

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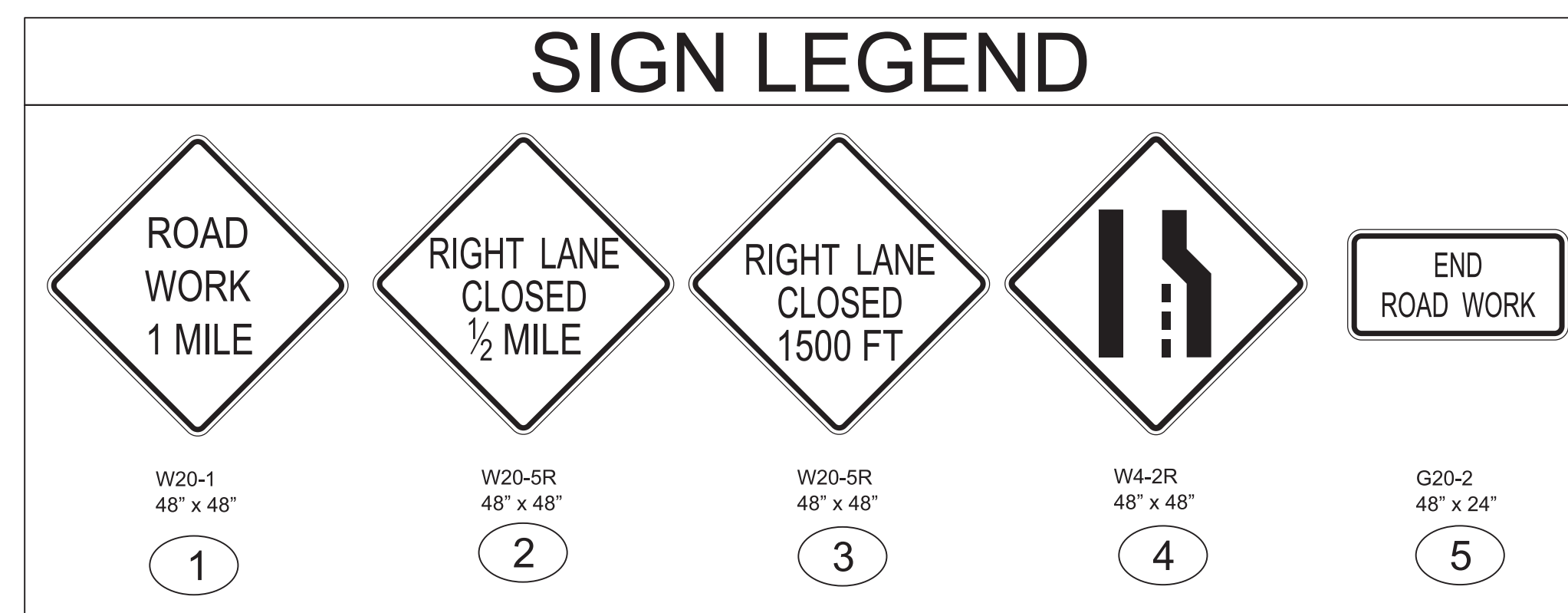
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	T3A
P.I.H.	2026	HSIP-3(150)	T3A
PS&E	2026	HSIP-3(150)	T3A

HSIP-3(150)  
END PROJECT NO. 84102-2216-94 R.O.W.

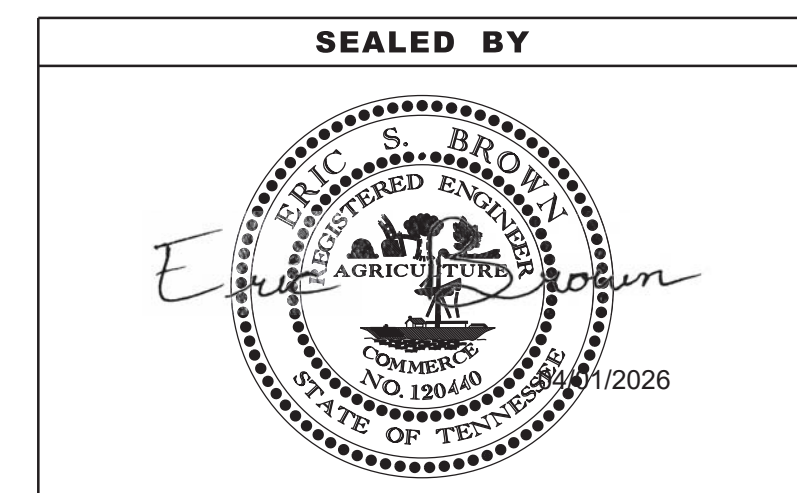
STA. 152+50.74  
N 435234.6948 E 851376.4572



TRAFFIC CONTROL PHASING NOTE: ANY WORK THAT CLOSES THE LANDFILL ENTRANCE OR EXIT MUST BE COMPLETED ON SUNDAYS OR MONDAYS WHEN THE LANDFILL IS CLOSED TO THE PUBLIC. THE ENTRANCE AND EXIT OF THE LANDFILL MUST RETURN TO NORMAL OPERATION ON TUESDAY MORNINGS.



TRAFFIC CONTROL ABBREVIATIONS	
ABBREVIATION	ITEM
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE



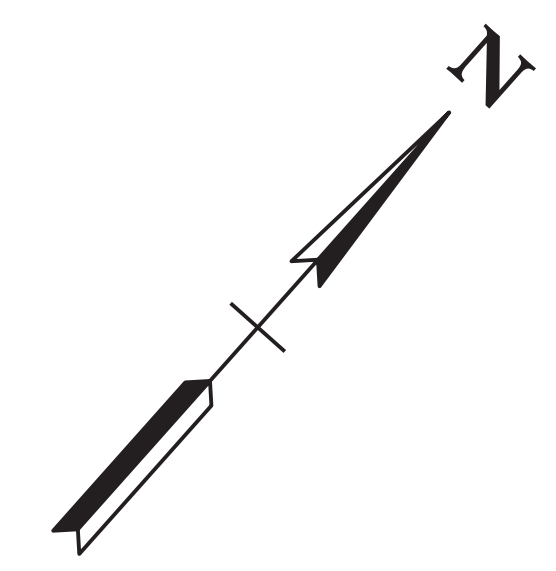
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 12B MODEL.

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS**  
STA. 147+50 TO STA. 160+50  
SCALE: 1"=50'

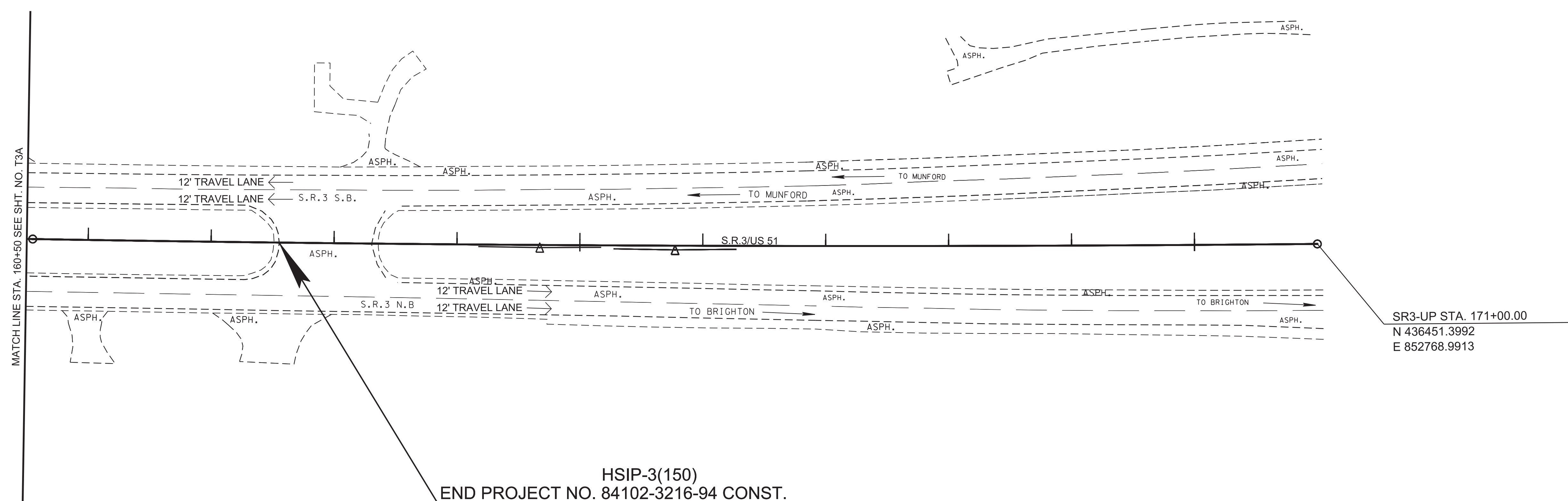
PHASE I

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	T3B
P.I.H.	2026	HSIP-3(150)	T3B
PS&E	2026	HSIP-3(150)	T3B



165

170



HSIP-3(150)  
 END PROJECT NO. 84102-3216-94 CONST.  
 STA. 162+55.33  
 N 435890.4600 E 852137.4990

### SIGN LEGEND

 ROAD WORK 1 MILE W20-1 48" x 48" <b>1</b>	 RIGHT LANE CLOSED 1/2 MILE W20-5R 48" x 48" <b>2</b>	 RIGHT LANE CLOSED 1500 FT W20-5R 48" x 48" <b>3</b>	 W4-2R 48" x 48" <b>4</b>	 END ROAD WORK G20-2 48" x 24" <b>5</b>
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TRAFFIC CONTROL ABBREVIATIONS	
ABBREVIATION	ITEM
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE

**SEALED BY**

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00004 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. 160+50 TO STA. 171+00  
 SCALE: 1"=50'

PHASE I

01-APR-2026 09:12 \\TDO\04NAS002\tdot.state.tn.us\04Shared\Design\DESIGN\DESIGN\Tipton\SR 3\L.M. 7.0-8.0 (126981.00)\T3B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	T4
P.I.H.	2026	HSIP-3(150)	T4
PS&E	2026	HSIP-3(150)	T4

84102-2216-94  
 BEGIN PROJECT NO. HSIP-3(150) R.O.W.

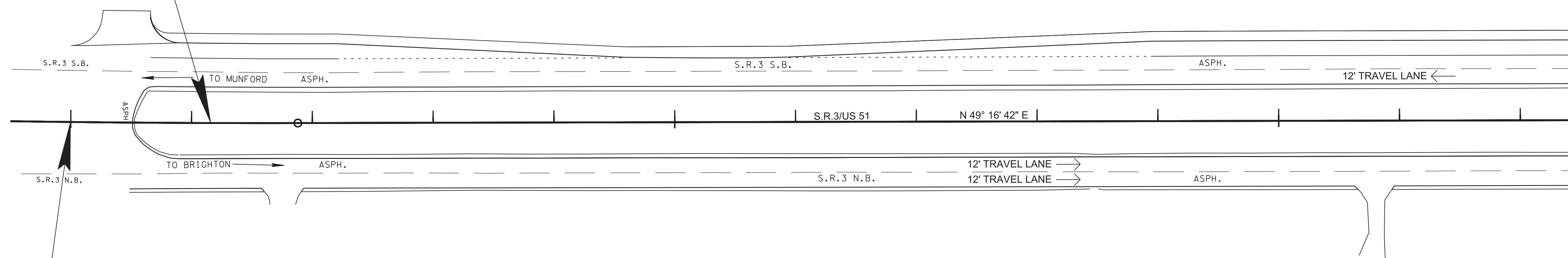
STA. 136+15.89  
 N 434168.2860 E 850137.3041

135

140

145

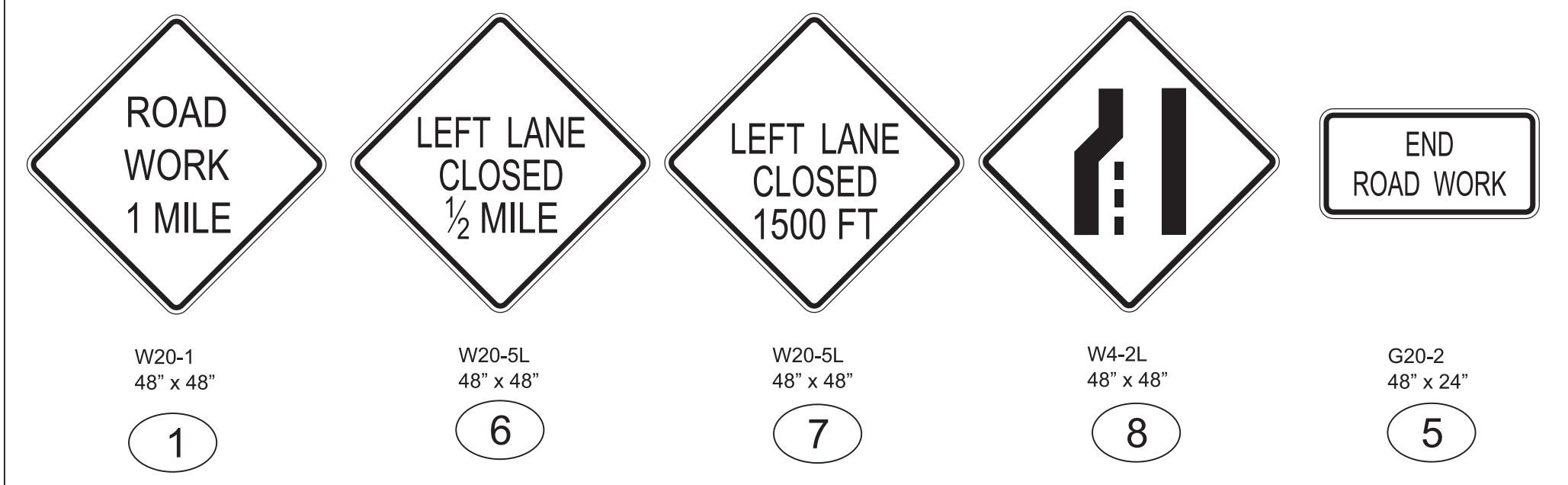
PT 136+88.01



HSIP-3(150)  
 BEGIN PROJECT NO. 84102-3216-94 CONST.

STA. 134+99.79  
 N 434093.3852 E 850048.6046

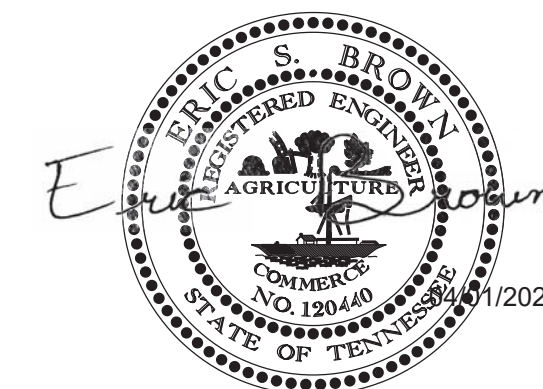
### SIGN LEGEND



### TRAFFIC CONTROL ABBREVIATIONS

ABBREVIATION	ITEM
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE

SEALED BY



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STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS  
 STA. 134+50 TO STA. 147+50  
 SCALE: 1"=50'

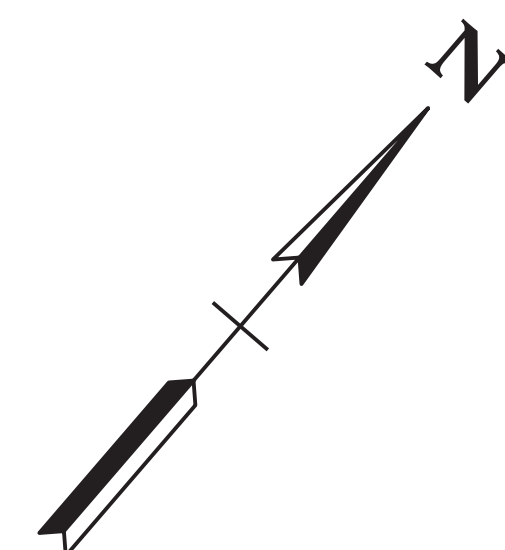
PHASE II

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	T4A
P.I.H.	2026	HSIP-3(150)	T4A
PS&E	2026	HSIP-3(150)	T4A

HSIP-3(150)  
END PROJECT NO. 84102-2216-94 R.O.W.

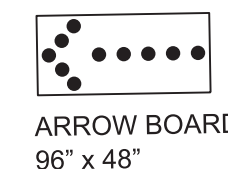
STA. 152+50.74  
N 435234.6948 E 851376.4572



150

155

160



ARROW BOARD  
96" x 48"

5

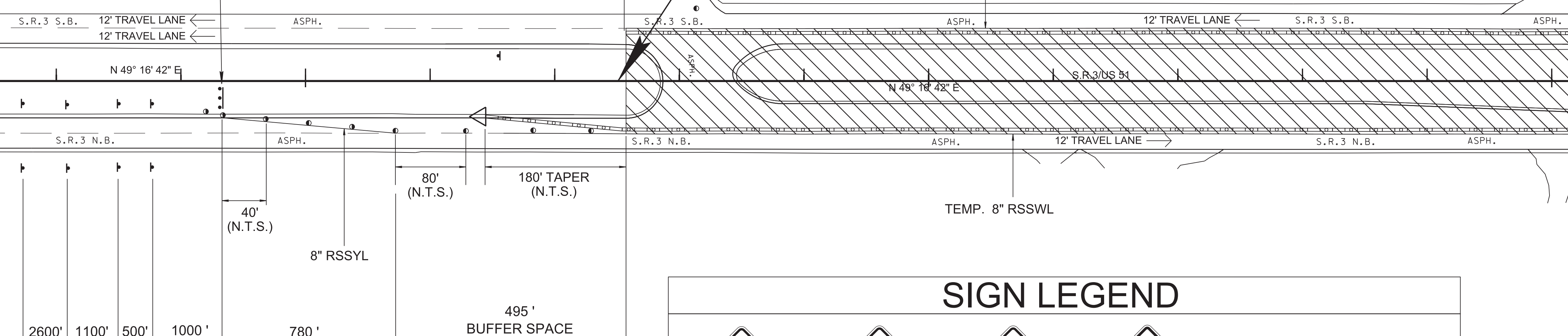
500'

9

TEMP. 8" RSSWL

MATCH LINE STA. 147+50 SEE SHT. NO. T4

MATCH LINE STA. 160+50 SEE SHT. NO. T4B



1 6 7 8

### SIGN LEGEND

W20-1 48" x 48"	W20-5L 48" x 48"	W20-5L 48" x 48"	W4-2L 48" x 48"	R3-2 24" x 24"	G20-2 48" x 24"
1	6	7	8	9	5

TRAFFIC CONTROL ABBREVIATIONS	
ABBREVIATION	ITEM
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE

SEALED BY

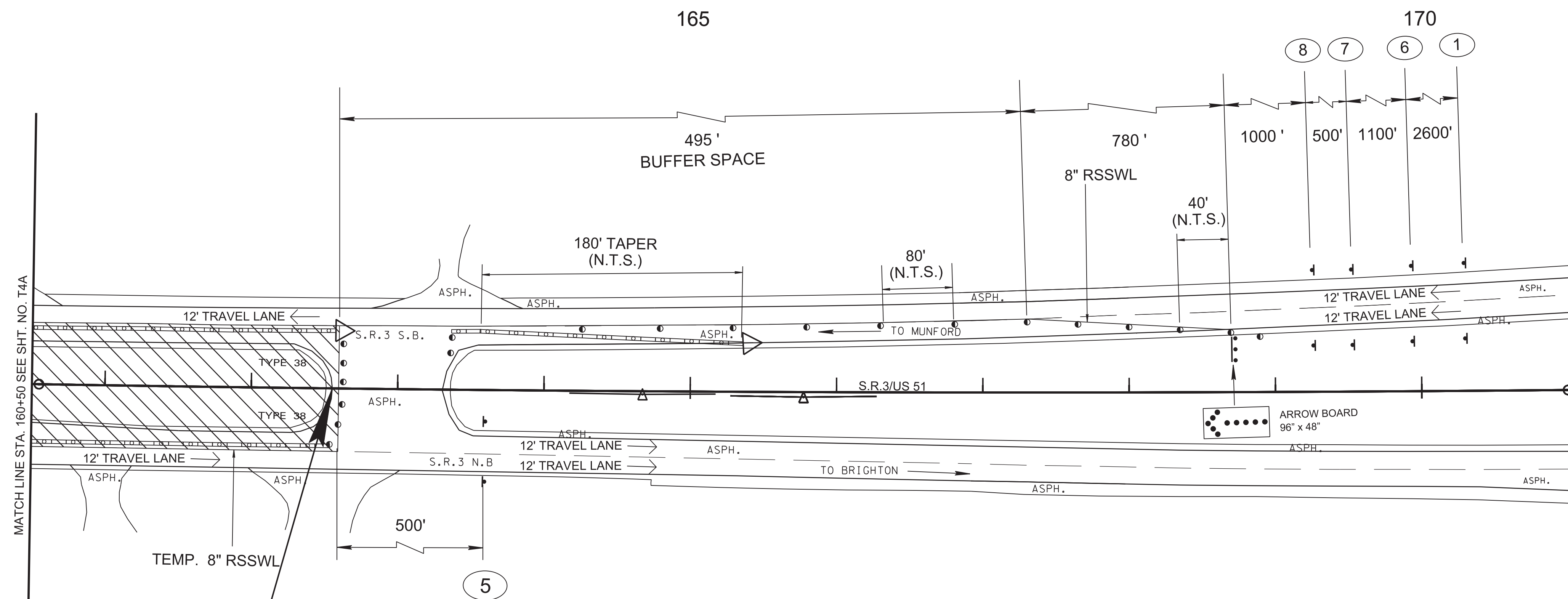
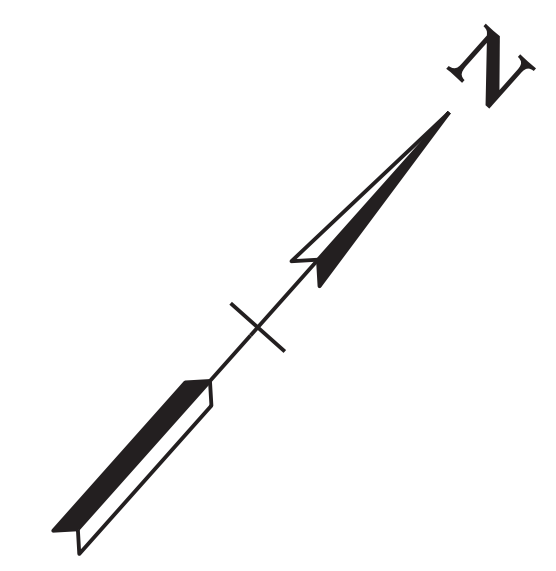
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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS  
STA. 147+50 TO STA. 160+50  
SCALE: 1"=50'

PHASE II

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-3(150)	T4B
P.I.H.	2026	HSIP-3(150)	T4B
PS&E	2026	HSIP-3(150)	T4B



SR3-UP STA. 171+00.00  
 N 436451.3992  
 E 852768.9913

HSIP-3(150)  
 END PROJECT NO. 84102-3216-94 CONST.  
 STA. 162+55.33  
 N 435890.4600 E 852137.4990

### SIGN LEGEND

W20-1 48" x 48"	W20-5L 48" x 48"	W20-5L 48" x 48"	W4-2L 48" x 48"	G20-2 48" x 24"
1	6	7	8	5

TRAFFIC CONTROL ABBREVIATIONS	
ABBREVIATION	ITEM
RSSWL	REMOVABLE SINGLE SOLID WHITE LINE

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**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS**  
 STA.160+50 TO STA.171+00  
 SCALE: 1"=50'

PHASE II

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

**1. SWPPP REQUIREMENTS (5.0.)**

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

YES (CHECK ALL THAT APPLY BELOW) OR  NO

CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC)

A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT

HAS SUCCESSFULLY COMPLETED TDEC LEVEL II COURSE

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

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

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

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

**2. SITE DESCRIPTION (5.5.1.)**

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

2.2. TOTAL PROJECT AREA (5.5.1.b): 13,252 ACRES

2.3. TOTAL AREA TO BE DISTURBED (5.5.1.b): 2,983 ACRES

2.4. PROJECT DESCRIPTION (5.5.1.a):

TITLE: SR-3 (US-51) FROM LM 7.00 (NORTH OF MYRON CREEK) TO LM 8.00 (SOUTH OF OLD HWY 51 SOUTH)  
COUNTY: TIPTON  
PIN: 126981.00

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) 12, 12A, & 12B, DRAINAGE MAP SHEET(S) 8 -10, USGS QUAD MAP, AND THE OUTFALL TABLE IN SECTION 4.2.

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

- CLEARING AND GRUBBING
- EXCAVATION
- CUTTING AND FILLING
- FINAL GRADING AND SHAPING
- UTILITIES
- OTHER (DESCRIBE): \_\_\_\_\_

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

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

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

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

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

2.9. ARE THERE ANY SEASONAL LIMITATIONS ON WORK?  YES  NO  
IF YES, LIST THE CORRESPONDING PLAN SHEET: \_\_\_\_\_

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

YES \_\_\_\_\_ (DATE)  NO

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

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

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

SOIL PROPERTIES			
PRIMARY SOIL NAME	HSG	% OF SITE	ERODIBILITY (k value)
Ad, ADLER SILT LOAM, 0 TO 2% SLOPES	B/D	42.3%	0.49
MeC3, MEMPHIS SILT LOAM, 5 TO 8% SLOPES	B	30.2%	0.49
MeE3, MEMPHIS SILT LOAM, 12 TO 25% SLOPES	B	27.5%	0.49

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

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

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

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

RUNOFF COEFFICIENTS FOR EXISTING CONDITIONS				
AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
PAVEMENT	4.04	0.31		0.85
GRASS, GOOD CONDITION	9.212	0.69		0.21
WEIGHTED C-FACTOR =				0.41

RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS				
AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
PAVEMENT	4.99	0.38		0.85
GRASS, GOOD CONDITION	8.262	0.62		0.31
WEIGHTED C-FACTOR =				0.52

**3. ORDER OF CONSTRUCTION ACTIVITIES (5.5.1.a)**

CONSTRUCTION SHALL BE SEQUENCED AND STAGED TO: MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED SOIL AREAS, PRESERVE TOPSOIL,

AND MINIMIZE SOIL COMPACTION. NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, HAS BEEN ACCEPTED BY THE ENGINEER. THE CONTRACTOR'S EPSC PLAN SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE ORDER OF CONSTRUCTION ACTIVITIES AND THE BASIC EPSC DEVICES DEPICTED ON THE EPSC PLAN CONTAINED WITHIN THE APPROVED SWPPP.

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

3.2. INSTALL STABILIZED CONSTRUCTION EXITS.

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

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

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

3.6. REMOVE AND STORE TOPSOIL.

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

3.8. INSTALL UTILITIES, STORM SEWERS, AND CULVERTS.

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-1	UNT TO MYRON CK	YES	NO	YES	YES
STR-2	UNT TO MYRON CK	NO	NO	NO	YES
STR-3	UNT TO MYRON CK	NO	NO	YES	YES

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

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

4.1.5. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES REQUIRED FOR WATERS OF THE STATE? (5.5.1.1, 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)

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 TERATION?  
 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) N/A.

4.6. ENVIRONMENTAL COMMITMENTS

ARE THERE ANY NOTES ON THE ENVIRONMENTAL COMMITMENT SHEET?  
 YES  NO

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

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

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

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

5.3. HAVE THE CONTROL MEASURES BEEN DESIGNED PER THE SIZE AND SLOPE OF THE DISTURBED DRAINAGE AREA (5.5.3.5.)?  
 YES  NO

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

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

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

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

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

5.9. HAS A THREE STAGED EPSC PLAN BEEN PREPARED FOR THE PROJECT (5.5.2.)?  
YES  NO

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

- 5.10. STEEP SLOPES ARE DEFINED AS A NATURAL OR CREATED SLOPE OF 35% GRADE OR GREATER REGARDLESS OF HEIGHT. HAVE STEEP SLOPES BEEN MINIMALLY DISTURBED AND/OR PROTECTED BY CONVEYING RUNOFF NON-EROSIVELY AROUND OR OVER THE SLOPE (5.5.3.4.) (10. "STEEP SLOPE")?  YES  NO  N/A
- 5.11. THE STRUCTURAL EPSC MEASURES HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE AQUATIC RESOURCE ALTERATION (ARAP) PERMIT OR SECTION 401 CERTIFICATION (5.5.1.h). REFER TO THE LIST OF APPLICABLE ENVIRONMENTAL PERMITS LOCATED ON SWPPP SHEET 7. ALL PERMITS WILL BE MAINTAINED ON SITE WITHIN THE "DOCUMENTATION AND PERMITS" BINDER.
- 5.12. THE EPSC CONTROL MEASURES LISTED IN THE QUANTITIES TABLE ON SHEET 11 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 11 (5.5.3.1.j).
- 5.20. DISCHARGES FROM DEWATERING ACTIVITIES ARE PROHIBITED UNLESS MANAGED BY APPROPRIATE CONTROLS THAT PROVIDE THE LEVEL OF TREATMENT (FILTRATION) NECESSARY TO COMPLY WITH PERMIT REQUIREMENTS. (4.1.3.).
- 5.21. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE OR WELL VEGETATED OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT.
- 5.22. DISCHARGES FROM SEDIMENT BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE, WELL- VEGETATED AND/OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT. (5.5.3.5.).
- 5.23. THE DEWATERING OF WORK AREAS, TRENCHES, FOUNDATIONS, EXCAVATIONS, ETC. THAT HAVE COLLECTED STORMWATER, WATER FROM VEHICLE WASH AREAS, OR GROUNDWATER SHALL BE EITHER HELD IN SETTLING BASINS OR TREATED BY FILTRATION AND/OR CHEMICAL TREATMENT PRIOR TO ITS DISCHARGE. ALL CHEMICAL TREATMENTS MUST BE APPLIED PER SECTION 6 FLOCCULANTS.

- 5.24. WATER DISCHARGED FROM DEWATERING ACTIVITIES SHALL NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING NATURAL RESOURCE. WATER MUST BE HELD WITHIN SETTLING BASINS UNTIL IT IS AT LEAST AS CLEAR AS THE RECEIVING WATERS.
- 5.25. DEWATERING STRUCTURES, SEDIMENT FILTER BAGS, SEDIMENT BASINS AND TRAPS SHALL NOT BE LOCATED CLOSER THAN 30 FEET (60 FEET DESIRABLE VEGETATIVE BUFFER) FOR WATERS WITH UNAVAILABLE PARAMETERS AND EXCEPTIONAL TENNESSEE WATERS (ETW) AND 15 FEET (30 FEET DESIRABLE VEGETATIVE BUFFER) FOR ALL OTHER FEATURES FROM THE TOP BANK OF A STREAM, WOTUS (EPHEMERAL), WETLAND OR OTHER NATURAL RESOURCE AND SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED.
- 5.26. STABILIZATION PRACTICES: PRE-CONSTRUCTION VEGETATIVE COVER WILL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 2 WEEKS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA WILL BE SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED (5.5.3.5.f).
- 5.27. STABILIZATION MEASURES WILL BE INITIATED AS SOON AS POSSIBLE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY OR PERMANENT STABILIZATION WILL BE COMPLETED WITHIN 2 WEEKS AFTER ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IN THAT AREA. PERMANENT STABILIZATION WILL REPLACE TEMPORARY MEASURES AS SOON AS PRACTICABLE (5.5.3.4.).
- 5.28. PRIORITY SHALL BE GIVEN TO FINISHING OPERATIONS AND PERMANENT EPSC MEASURES OVER TEMPORARY EPSC MEASURES ON ALL PROJECTS. UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE
- 5.29. DELAYING THE PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS OR DRY MONTHS SHOULD BE AVOIDED, IF POSSIBLE.
- 5.30. STEEP SLOPES SHALL BE TEMPORARILY STABILIZED NOT LATER THAN 1 WEEK AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED. (5.5.3.4.).

**6. FLOCCULANTS (3.5.3.1.b)**

IS ADDITIONAL PHYSICAL OR CHEMICAL TREATMENT OF STORMWATER RUNOFF NECESSARY (5.5.3.5.)?  YES  NO

IF YES, THE FOLLOWING NOTES APPLY:

- 6.1. ENSURE THE FLOCCULANT EMULSIONS AND POWDERS ARE OF THE ANIONIC TYPE (5.5.3.5.). AND MEET THE FOLLOWING REQUIREMENTS:
- 6.1.1. MEETS THE EPA AND FDA ACRYLAMIDE MONOMER LIMITS OF EQUAL TO OR GREATER THAN 0.005% ACRYLAMIDE MONOMER.
- 6.1.2. HAS A DENSITY OF 10% TO 55% BY WEIGHT AND A MOLECULAR WEIGHT OF 16 TO 24 MG/MOLE (MILLIGRAM PER MOLE).
- 6.1.3. MIXTURE IS NON-COMBUSTIBLE.
- 6.1.4. CONTAINS ONLY MANUFACTURER'S RECOMMENDED ADDITIVES.
- 6.2. FLOCCULANT SHALL BE MIXED AND APPLIED IN ACCORDANCE WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) MATERIAL SAFETY DATA SHEET REQUIREMENTS AND THE MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIED USES CONFORMING TO ALL FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS.
- 6.3. ALL VENDORS AND SUPPLIERS OF FLOCCULANT BLENDS SHALL PRESENT OR SUPPLY A WRITTEN TOXICITY REPORT WHICH VERIFIES ACCEPTABLE TOXICITY PARAMETERS WHICH MEET OR EXCEED THE EPS REQUIREMENTS FOR THE STATE AND FEDERAL WATER QUALITY STANDARDS. WHOLE EFFLUENT TESTING DOES NOT MEET THIS REQUIREMENT AS PRIMARY REACTIONS HAVE OCCURRED AND TOXIC POTENTIALS HAVE BEEN REDUCED. CATIONIC FORMS OF FLOCCULANTS ARE NOT ALLOWED UNDER THIS SECTION DUE TO HIGH LEVELS OF TOXICITY TO AQUATIC ORGANISMS. FLOCCULANT EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN WATERS DUE TO SURFACTANT TOXICITY. THE CONTRACTOR MUST SEEK THE APPROVAL OF THE EPSC DESIGN ENGINEER AND TDOT IF CHITOSAN IS PROPOSED FOR THIS PROJECT.
- 6.4. ALL VENDORS AND SUPPLIERS OF FLOCCULANT BLENDS SHALL SUPPLY WRITTEN "SITE SPECIFIC" TESTING RESULTS DEMONSTRATING A PERFORMANCE OF 95% OR GREATER REDUCTION OF NTU OR TSS FROM STORMWATER DISCHARGES.

- 6.5. EMULSION BATCHES SHALL BE MIXED FOLLOWING RECOMMENDATIONS OF THE TESTING LABORATORY THAT DETERMINES THE PROPER PRODUCT AND RATE TO MEET SITE REQUIREMENTS. APPLICATION METHODS SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA. EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN BUFFERS.
- 6.6. FLOCCULANT POWDER MAY BE APPLIED BY A HAND OR MECHANICAL SPREADER. MIXING OF THE FLOCCULANT POWDER WITH DRY SILICA SAND WILL AID IN SPREADING.
- 6.7. PREMIXING OF FLOCCULANT POWDER INTO FERTILIZER, SEED, OR OTHER SOIL AMENDMENTS IS ALLOWED WHEN SPECIFIED IN THE DESIGN PLAN. APPLICATION METHOD SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA.
- 6.8. FLOCCULANT LOGS OR BLOCKS SHALL BE APPLIED FOLLOWING SITE TESTING RESULTS TO ENSURE PROPER PLACEMENT AND PERFORMANCE AND SHALL MEET OR EXCEED STATE AND FEDERAL WATER QUALITY REQUIREMENTS.
- 6.9. DO NOT APPLY FLOCCULANTS DIRECTLY TO, OR WITHIN 60 FEET, OF ANY STREAMS, WETLANDS, OR OTHER NATURAL WATER RESOURCE LOCATED ON OR ADJACENT TO THE CONSTRUCTION SITE. DO NOT APPLY FLOCCULANTS DIRECTLY INTO WATERS CONTAINED WITHIN SEDIMENT PONDS OR TO SLOPES THAT PRODUCE RUNOFF DIRECTLY INTO A STREAM, WETLAND, OR OTHER NATURAL WATER RESOURCE. DO NOT APPLY FLOCCULANTS IMMEDIATELY AT A STORMWATER OUTFALL WHERE RUNOFF LEAVES THE PROJECT LIMITS.

**7. UTILITY RELOCATION**

ARE UTILITIES INCLUDED IN THE CONTRACT?  YES  NO

IF YES, THE FOLLOWING APPLY:

- 7.1. STORMWATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG AND TREATED PRIOR TO DISCHARGE.
- 7.2. SILT FENCE SHALL BE INSTALLED ON THE DOWNGRADIENT SIDE OF STOCKPILED SOIL. ANY TRENCHING ACROSS WET WEATHER CONVEYANCES SHALL BE DONE DURING DRY CONDITIONS, REMOVED AND STABILIZED BY THE END OF THE WORK DAY.
- 7.3. UTILITY CROSSINGS IN ENVIRONMENTAL FEATURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. ENVIRONMENTAL PERMITS APPLY TO UTILITIES IN THIS PROJECT. THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMITS.
- 7.4. IT IS THE RESPONSIBILITY OF THE STATE UTILITY CONTRACTOR TO PROTECT EXPOSED EARTH FROM EROSION AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE EPSC MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF THEIR WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME, SHALL EXPOSED EARTH RESULTING FROM THEIR OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND ENTERING WATERS OF THE STATE/U.S.
- 7.5. FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN FOURTEEN DAYS AFTER BEING BACKFILLED. ANY TEMPORARY SPOILS OF EXCAVATED EARTH SHALL BE LOCATED WITHIN TDOT EPSC MEASURES OR RECEIVE SEPARATE EPSC MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EPSC MEASURES WILL BE INSTALLED BY THE STATE UTILITY CONTRACTOR UNTIL THE TRENCH IS BACKFILLED.
- 7.6. IN REGARDS TO EPSC, TDEC REGULATIONS APPLY TO THE STATE UTILITY CONTRACTORS ON THIS PROJECT. THE STATE CONTRACTOR IS RESPONSIBLE FOR EPSC MEASURES RELATED TO UTILITY CONSTRUCTION INCLUDED IN THE STATE CONTRACT.
- 7.7. TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORMWATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EPSC MEASURES MAY BE REQUIRED TO BE INSTALLED AS APPROVED BY THE TDOT PROJECT ENGINEER.
- 7.8. FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE TDOT RIGHT-OF-WAY, EPSC MEASURES SHALL BE INSTALLED PRIOR TO CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION

AREA. THESE EPSC MEASURES SHALL REMAIN UNTIL THE BACKFILLED TRENCH IS STABILIZED WITH PERMANENT VEGETATIVE COVER.

- 7.9. THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS AS APPROVED BY THE TDOT RESPONSIBLE PARTY.
- 7.10. THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EPSC MEASURES TO REPLACE ONSITE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT ENGINEER BEFORE COMMENCING WORK.
- 7.11. FOR UTILITY CROSSINGS THAT UTILIZE HORIZONTAL DIRECTIONAL DRILLING THE FOLLOWING SHALL APPLY:
  - 7.11.1. THE ENTRY AND EXIT POINTS SHALL BE AT LEAST 50 FEET FROM THE STREAM BANK OR WETLAND BOUNDARY.
  - 7.11.2. THE DEPTH OF BORE BELOW THE STREAMBED IS SUFFICIENT TO PREVENT RELEASE OF DRILLING FLUID, BASED ON THE PARENT MATERIAL.
  - 7.11.3. A SITE-SPECIFIC CONTINGENCY AND CONTAINMENT PLAN FOR INADVERTENT RELEASE OF DRILLING FLUID SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT OF WORK. THIS PLAN SHALL BE SUBMITTED TO THE TDOT PROJECT ENGINEER AND THE TDOT ENVIRONMENTAL DIVISION PERMITS AND/OR COMPLIANCE AND FIELD SERVICES OFFICE FOR REVIEW AND APPROVAL.

**8. MAINTENANCE AND INSPECTION**

- 8.1. INSPECTION PRACTICES (5.5.3.9.)
  - 8.1.1. PROJECT EPSC INSPECTORS AND ENGINEERS (INCLUDING TDOT STAFF, CONSULTANTS AND CONTRACTOR STAFF) RESPONSIBLE FOR THE INSPECTION, IMPLEMENTATION, MAINTENANCE, AND/OR REPAIR OF EPSC MEASURES SHALL MEET ONE OF THE FOLLOWING REQUIREMENTS (5.5.3.10.):
    - 8.1.1.1. SUCCESSFULLY COMPLETED THE TDOT EPSC INSPECTIONS TRAINING AND ANY RECERTIFICATION COURSE AS REQUIRED.
    - 8.1.1.2. SUCCESSFULLY COMPLETED THE TDEC "LEVEL I - FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL" COURSE AND ANY RECERTIFICATION COURSES AS REQUIRED.
    - 8.1.1.3. BE A CURRENT TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT.
    - 8.1.1.4. BE A CURRENT CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC).
    - 8.1.1.5. SUCCESSFULLY COMPLETED TDEC "LEVEL II - DESIGN PRINCIPLES FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" COURSE AND ANY RECERTIFICATION COURSE AS REQUIRED.
  - 8.1.2. THE TDOT CONSTRUCTION ENGINEER (OR THEIR DULY AUTHORIZED REPRESENTATIVE) AND THE CONTRACTOR'S SITE SUPERINTENDENT ARE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE TDOT CONSTRUCTION ENGINEER OR THEIR DULY AUTHORIZED REPRESENTATIVE SHALL COMPLETE THE EPSC INSPECTION REPORTS AND DISTRIBUTE COPIES PER THE CONTRACT.
  - 8.1.3. THE INSPECTOR SHALL CONDUCT PRE-CONSTRUCTION INSPECTIONS TO VERIFY AREAS THAT ARE NOT TO BE DISTURBED HAVE BEEN MARKED IN THE SWPPP AND IN THE FIELD BEFORE LAND DISTURBANCE ACTIVITIES BEGIN AND INITIAL MEASURES HAVE BEEN INSTALLED (10 "INSPECTOR") (5.5.1.f).
  - 8.1.4. EPSC CONTROLS SHALL BE INSPECTED TO VERIFY MEASURES HAVE BEEN INSTALLED AND MAINTAINED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS, SPECIFICATIONS, AND GOOD ENGINEERING PRACTICES. EPSC INSPECTIONS SHALL BE DOCUMENTED ON THE TDOT EPSC INSPECTION REPORT FORM AND THE TDEC CONSTRUCTION STORMWATER INSPECTION CERTIFICATION (TWICE-WEEKLY INSPECTIONS) FORM.
  - 8.1.5. OUTFALL POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING EROSION AND CONTROLLING SEDIMENT INCLUDING SIGNIFICANT IMPACTS TO SURROUNDING STATE WATERS, WOTUS (EPHEMERAL), WETLANDS, OTHER NATURAL RESOURCES AND ADJACENT PROPERTY OWNERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWN GRADIENT LOCATIONS SHALL BE

INSPECTED. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE ROADWAY SEDIMENT TRACKING.

- 8.1.6. INSPECTIONS WILL BE CONDUCTED AT LEAST TWICE EVERY CALENDAR WEEK AND AT LEAST 72 HOURS APART (5.5.3.11.a). A CALENDAR WEEK IS DEFINED AS SUNDAY THROUGH SATURDAY. QUALITY ASSURANCE INSPECTIONS OF TDOT EPSC, NPDES AND WATER QUALITY PERMIT REQUIREMENTS SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE.
- 8.1.7. ON PROJECTS WHERE THE PERMITTEE CHOOSES TO DISTURB MORE THAN 50 ACRES AT ONE TIME, INSPECTIONS WILL BE CONDUCTED TWICE PER WEEK AND FOLLOWING ANY RAINFALL EVENT OF MORE THAN 0.5 INCHES IN 24 HOURS. (5.5.3.3.c)
- 8.1.8. THE FREQUENCY OF EPSC INSPECTIONS MAY BE REDUCED TO ONCE A MONTH WHERE SITES OR PORTIONS OF SITES HAVE BEEN TEMPORARILY STABILIZED UNTIL CONSTRUCTION ACTIVITIES RESUME WITH WRITTEN NOTIFICATION BY THE TDOT REGIONAL ENGINEER TO TDEC NASHVILLE CENTRAL OFFICE AND SUBSEQUENT TDEC APPROVAL. WRITTEN NOTIFICATION MUST INCLUDE THE INTENT TO CHANGE FREQUENCY AND JUSTIFICATION (5.5.3.11.a).
- 8.1.9. ALL DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED, AREAS USED FOR MATERIAL STORAGE THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND EACH OUTFALL WILL BE INSPECTED (5.5.3.11.b).
- 8.1.10. THE INSPECTOR WILL OVERSEE THE REQUIREMENTS OF OTHER CONSTRUCTION-RELATED WATER QUALITY PERMITS (I.E. TDEC ARAP, USACE SECTION 404, AND TVA SECTION 26a PERMITS) FOR CONSTRUCTION ACTIVITIES AROUND WATERS OF THE STATE (10 "INSPECTOR").
- 8.1.11. THE SWPPP WILL BE REVISED AS NECESSARY BASED ON THE RESULTS OF THE INSPECTION. REVISION(S) WILL BE RECORDED WITHIN 1 WEEK OF THE INSPECTION. REVISION(S) WILL BE IMPLEMENTED WITHIN 2 WEEKS OF THE INSPECTION (5.5.3.11.e AND 5.5.3.11.f).
- 8.1.12. DOCUMENTATION OF INSPECTIONS WILL BE MAINTAINED ON SITE IN THE "DOCUMENTATION AND PERMITS" BINDER. REPORTS WILL BE SUBMITTED TO THE TDOT PROJECT ENGINEER PER THE CONTRACT.
- 8.1.13. THESE INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE AREAS OF THE SITE THAT HAVE MET PERMANENT STABILIZATION REQUIREMENTS AND HAVE BEEN NOTED IN THE SWPPP.
- 8.1.14. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION TO THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF THIS PERMIT AND ANY OTHER APPLICABLE ACTS OR RULES (5.5.3.11.h).
- 8.2. DULY AUTHORIZED REPRESENTATIVE (8.7.3.)
 

THE PROJECT ENGINEER MAY DELEGATE AN INDIVIDUAL AND/OR CONSULTANT TO SIGN EPSC INSPECTIONS REPORTS. FOR SATISFYING SIGNATORY REQUIREMENTS FOR EPSC INSPECTION REPORTS, THE PROJECT ENGINEER AND NEWLY AUTHORIZED INDIVIDUAL ACCEPTING RESPONSIBILITY MUST COMPLETE AND SIGN THE TDOT CONSTRUCTION DIVISION EPSC DELEGATION OF AUTHORITY.
- 8.3. MAINTENANCE PRACTICES (5.1 AND 8.13.)
  - 8.3.1. ALL CONTROLS WILL BE MAINTAINED IN GOOD AND EFFECTIVE OPERATING ORDER AND IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES. (5.1. AND 5.5.3.1.b)
  - 8.3.2. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
  - 8.3.3. UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT, IF POSSIBLE, BUT IN NO CASE, MORE THAN 24 HOURS AFTER THE INSPECTION OR WHEN THE CONDITION IS IDENTIFIED. IF THE REPAIR, REPLACEMENT OR MODIFICATION IS NOT PRACTICAL WITHIN THE 24-HOUR TIMEFRAME, WRITTEN DOCUMENTATION PROVIDED BY THE

CONTRACTOR SHALL BE PLACED IN THE FIELD DIARY AND EPSC INSPECTION REPORT. AN ESTIMATED REPAIR, REPLACEMENT OR MODIFICATION SCHEDULE SHALL BE DOCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION. (5.5.3.11.e).

- 8.3.4. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES (SEDIMENT TRAPS, SILT FENCE, SEDIMENT BASINS, OTHER CONTROLS, ETC.) WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%). (5.5.3.1.d).
- 8.3.5. DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT STRUCTURAL COMPONENTS OF EPSC MEASURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE EPSC MEASURES AT THE CONTRACTOR'S OWN EXPENSE.
- 8.3.6. CHECK DAMS WILL BE INSPECTED FOR STABILITY. SEDIMENT WILL BE REMOVED WHEN DEPTH REACHES ONE-HALF (½) THE HEIGHT OF THE DAM.
- 8.3.7. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES SHALL BE PLACED AND TREATED IN A MANNER SO THAT THE SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS, DOES NOT MIGRATE INTO FEATURES REMOVED FROM, AND DOES NOT MIGRATE ONTO ADJACENT PROPERTIES AND/OR INTO WATERS OF THE STATE/U.S.
- 8.3.8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFF THE SITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EROSION CONTROL WILL BE REMOVED (5.5.3.7.a).
- 8.3.9. ALL SEEDED AREAS WILL BE CHECKED FOR BARE SPOTS, EROSION WASHOUTS, AND VIGOROUS GROWTH FREE OF SIGNIFICANT WEED INFESTATIONS.

**9. SITE ASSESSMENTS (5.5.3.8.)**

QUALITY ASSURANCE SITE ASSESSMENTS OF EROSION PREVENTION AND SEDIMENT CONTROLS SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE GUIDELINES.

**10. STORMWATER MANAGEMENT (5.5.3.11.h)**

- 10.1. STORMWATER MANAGEMENT WILL BE HANDLED BY TEMPORARY CONTROLS OUTLINED IN THIS SWPPP AND ANY PERMANENT CONTROLS NEEDED TO MEET PERMANENT STORMWATER MANAGEMENT NEEDS IN THE POST CONSTRUCTION PERIOD. PERMANENT CONTROLS WILL BE DEPICTED ON THE PLANS AND NOTED AS PERMANENT.
- 10.2. DESCRIBE ANY SPECIFIC POST-CONSTRUCTION MEASURES THAT WILL CONTROL VELOCITY, POLLUTANTS, AND/OR EROSION (5.5.3.6.c): PERMANENT STABILIZATION WITH SODDING. SEE SHEET 11.
- 10.3. OTHER ITEMS NEEDING CONTROL (5.5.3.7.)

CONSTRUCTION MATERIALS: THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE CONSTRUCTION PERIOD. (CHECK ALL THAT APPLY).

- LUMBER, GUARDRAIL, TRAFFIC CONTROL DEVICES
- CONCRETE WASHOUT
- PIPE CULVERTS (I.E. CONCRETE, CORRUGATED METAL, HDPE, ETC.)
- MINERAL AGGREGATES, ASPHALT
- EARTH
- LIQUID TRAFFIC STRIPING MATERIALS, PAINT
- ROCK
- CURING COMPOUND
- EXPLOSIVES
- OTHER \_\_\_\_\_

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

**10.4. WASTE MATERIALS (5.5.3.7.c)**

WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH THE TDOT CONSTRUCTION CONTRACT AND FEDERAL AND STATE REGULATIONS. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE.

IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S) CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

10.5. HAZARDOUS WASTE (5.5.3.7.c) (8.8)

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S ON-SITE REPRESENTATIVE WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.

10.6. SANITARY WASTE (5.5.3.7.b)

PORTABLE SANITARY FACILITIES WILL BE PROVIDED ON ALL CONSTRUCTION SITES. SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY LOCAL REGULATIONS. THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.

10.7. OTHER MATERIALS

THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE CONSTRUCTION PERIOD. (CHECK ALL THAT APPLY).

- FERTILIZERS AND LIME
- PESTICIDES AND/OR HERBICIDES
- DIESEL AND GASOLINE
- MACHINERY LUBRICANTS (OIL AND GREASE)

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

11. **NON-STORMWATER DISCHARGES (5.5.3.12.)**

11.1. THE FOLLOWING NON-STORMWATER DISCHARGES ARE ANTICIPATED DURING THE CONSTRUCTION OF THIS PROJECT (CHECK ALL THAT APPLY):

- DEWATERING OF WORK AREAS OF COLLECTED STORMWATER AND GROUND WATER.
- WATERS USED TO WASH VEHICLES (OF DUST AND SOIL) WHERE DETERGENTS ARE NOT USED AND DETENTION AND/OR FILTERING IS PROVIDED BEFORE THE WATER LEAVES THE SITE.
- WATER USED TO CONTROL DUST. (3.5.3.1.n)
- POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHING FROM WHICH CHLORINE HAS BEEN REMOVED TO THE MAXIMUM EXTENT PRACTICABLE.
- UNCONTAMINATED GROUNDWATER OR SPRING WATER.
- FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH POLLUTANTS.
- OTHER: \_\_\_\_\_

11.2. ALL ALLOWABLE NON-STORMWATER DISCHARGES WILL BE DIRECTED TO STABLE DISCHARGE STRUCTURES PRIOR TO LEAVING THE SITE. FILTERING OR CHEMICAL TREATMENT MAY BE NECESSARY PRIOR TO DISCHARGE. ALL CHEMICAL TREATMENTS MUST BE APPLIED PER SECTION 6 FLOCCULANTS.

11.3. THE DESIGN OF ALL IMPACTED EPSC MEASURES RECEIVING FLOW FROM ALLOWABLE NON-STORMWATER DISCHARGES MUST BE DESIGNED TO HANDLE THE VOLUME OF THE NON-STORMWATER COMPONENT.

11.4. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS WILL NOT BE PERMITTED ON-SITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.

11.5. ARE ANY DISCHARGES ASSOCIATED WITH INDUSTRIAL (NON-CONSTRUCTION STORMWATER) ACTIVITY EXPECTED (5.5.1.g)?

- YES  NO

IF YES, SPECIFY THE LOCATION OF THE ACTIVITY AND ITS PERMIT NUMBER: \_\_\_\_\_

12. **SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (5.5.3.7.c. 6.1)**

12.1. SPILL PREVENTION (5.5.3.7.c)

12.1.1. CONTRACTOR'S BULK FUEL AND PETROLEUM PRODUCTS STORED ON-SITE OR ADJACENT TO THE R.O.W. IN ABOVE GROUND STORAGE TANKS WITH AGGREGATE STORAGE CAPACITY IN EXCESS OF 1,320 GALLONS SHALL HAVE SECONDARY CONTAINMENT.

12.1.2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN AS REQUIRED BY TDOT SPECIAL PROVISION 107FP (REGARDING WATER QUALITY AND STORM WATER PERMITS) AND THE LAW PRIOR TO STORING 1320 GALLONS ON SITE.

12.1.3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING ANY NECESSARY LOCAL, STATE, AND FEDERAL PERMITS. THE SPCC PLAN AND/OR PERMITS SHALL BE KEPT ON-SITE AND A COPY PROVIDED TO THE TDOT CONSTRUCTION ENGINEER.

12.2. MATERIAL MANAGEMENT

12.2.1. HOUSEKEEPING

ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ON-SITE BY THE CONTRACTOR. EXCEPT FOR BULK MATERIALS THE CONTRACTOR WILL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING WILL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHEN POSSIBLE, ALL PRODUCTS WILL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFF SITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS WILL BE FOLLOWED. THE CONTRACTOR'S SITE SUPERINTENDENT WILL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL. DUST GENERATED WILL BE CONTROLLED IN AN ENVIRONMENTALLY SAFE MANNER. VEGETATION AREAS NOT ESSENTIAL TO THE CONSTRUCTION PROJECT WILL BE PRESERVED AND MAINTAINED AS NOTED ON THE PLANS.

12.2.2. HAZARDOUS MATERIALS

PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS UNLESS THE CONTAINER IS NOT RE-SEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS WILL BE RETAINED IN A SAFE PLACE TO RELAY IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S LABEL DIRECTIONS FOR DISPOSAL WILL BE FOLLOWED. MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES WHICH MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS WILL BE CONDUCTED ON AN IMPERVIOUS SURFACE AND UNDER COVER DURING WET WEATHER TO PREVENT THE RELEASE OF CONTAMINANTS ONTO THE GROUND. WHEEL WASH WATER WILL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER WILL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM. POTENTIAL pH-MODIFYING MATERIALS SUCH AS: BULK CEMENT, CEMENT KILN DUST, FLY ASH, NEW CONCRETE WASHINGS AND CURING WATERS, CONCRETE PUMPING, AND MIXER WASHOUT WATERS WILL BE COLLECTED ON SITE AND MANAGED TO PREVENT CONTAMINATION OF STORMWATER RUNOFF.

12.3. PRODUCT SPECIFIC PRACTICES

12.3.1. PETROLEUM PRODUCTS: ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.

12.3.2. FERTILIZERS: FERTILIZERS WILL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED BY TDOT. ONCE APPLIED, FERTILIZERS WILL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER. FERTILIZERS WILL BE STORED IN AN ENCLOSED AREA UNDER COVER. THE CONTENTS OF PARTIALLY USED FERTILIZER BAGS WILL BE TRANSFERRED TO SEALABLE CONTAINERS TO AVOID SPILLS.

12.3.3. PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. THE EXCESS WILL BE DISPOSED OF PER THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.

12.3.4. CONCRETE TRUCKS: CONTRACTORS WILL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED AND NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. UPON COMPLETION OF CONSTRUCTION WASHOUT AREAS WILL BE PROPERLY STABILIZED.

12.4. SPILL MANAGEMENT

IN ADDITION TO THE PREVIOUS HOUSEKEEPING AND MANAGEMENT PRACTICES, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP IF NECESSARY:

12.4.1. ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANGE OF LEAKAGE AND SPILLS.

12.4.2. FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP WILL BE CLEARLY POSTED. SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.

12.4.3. APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON-SITE AND UNDER COVER. SPILL RESPONSE EQUIPMENT SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES.

12.4.4. ALL SPILLS SHALL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

12.4.5. THE CONTRACTOR'S RESPONSIBLE PARTY WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.

12.4.6. IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING THE SITE AND ENTERING RECEIVING WATERS, PERSONNEL WILL RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.

12.4.7. IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (E.G. SETTLING PONDS, DETENTION PONDS, SWALES), ACTION WILL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR WILL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES.

12.4.8. IF A SPILL OCCURS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE TDOT PROJECT RESPONSIBLE PARTY. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.

12.5. SPILL NOTIFICATION (6.1)

WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO, OR MORE THAN A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD:

12.5.1. THE TDOT PROJECT ENGINEER IS RESPONSIBLE FOR NOTIFYING THE REGIONAL PROJECT DEVELOPMENT OFFICE (E.G. TRANSPORTATION ENVIRONMENTAL STUDIES SPECIALIST) AS SOON AS HE OR SHE HAS KNOWLEDGE OF THE DISCHARGE.

12.5.2. THE TDOT REGIONAL PROJECT DEVELOPMENT OFFICE WILL NOTIFY THE LOCAL TDEC ENVIRONMENTAL FIELD OFFICE AND ANY OTHER APPLICABLE REGULATORY AGENCIES WITHIN 24 HOURS OF THE SPILL.

- 12.5.3. IN ADDITION TO ANY FOLLOW UP NOTIFICATIONS REQUIRED BY FEDERAL LAW, A WRITTEN DESCRIPTION OF THE RELEASE, DATE OF RELEASE AND CIRCUMSTANCES LEADING TO THE RELEASE, WHAT ACTIONS WERE TAKEN TO MITIGATE EFFECTS OF THE RELEASE, AND STEPS TAKEN TO MINIMIZE THE CHANCE OF FUTURE OCCURRENCES WILL BE SUBMITTED TO THE APPROPRIATE TDEC ENVIRONMENTAL FIELD OFFICE WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE.
- 12.5.4. THE SWPPP MUST BE MODIFIED WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE PROVIDING A DESCRIPTION OF THE RELEASE, CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF RELEASE. THE SWPPP WILL BE REVIEWED AND MODIFIED AS NECESSARY TO IDENTIFY MEASURES TO PREVENT THE REOCCURRENCE OF SUCH RELEASES AND TO RESPOND TO SUCH RELEASES.

**13. RECORD-KEEPING**

- 13.1. REQUIRED RECORDS
- TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MAINTAIN AT THE SITE THE FOLLOWING RECORDS OF CONSTRUCTION ACTIVITIES (7.2.1.) (7.2.1.):
- 13.1.1. THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.
- 13.1.2. THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE.
- 13.1.3. THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.
- 13.1.4. RECORDS EPSC INSPECTION REPORTS AND CORRECTIVE MEASURES.
- 13.1.5. RECORDS OF QUALITY ASSURANCE SITE ASSESSMENTS.
- 13.1.6. COPY OF SITE EPSC INSPECTOR'S CERTIFICATION AND/OR LICENSING
- 13.1.7. A COPY OF ANY REGULATORY CORRESPONDENCE REGARDING THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS.
- 13.2. RAINFALL MONITORING PLAN (7.2.1.):
- 13.2.1. EQUIPMENT
- AT A MINIMUM, THE CONTRACTOR WILL INSTALL A FENCE POST TYPE RAIN GAUGE TO MEASURE RAINFALL. THE STANDARD FENCE POST RAIN GAUGE WILL BE A WEDGE-SHAPED GAUGE THAT MEASURES UP TO 6 INCHES OF RAINFALL. AN ENGLISH SCALE WILL BE PROVIDED ON ONE FACE, WITH A METRIC SCALE ON THE OTHER FACE. GRADUATION WILL BE PERMANENTLY MOLDED IN DURABLE WEATHER-RESISTANT PLASTIC. THE MINIMUM GRADUATION WILL BE 0.01 INCH (OR 0.1MM). AN ALUMINUM BRACKET WITH SCREWS MAY BE USED TO MOUNT THE GAUGE ON A WOODEN SUPPORT.
- 13.2.2. LOCATION
- THE RAIN GAUGE WILL BE LOCATED AT OR ALONG THE PROJECT SITE, AS DEFINED IN THE NOI OF THE NPDES PERMIT, IN AN OPEN AREA SUCH THAT THE MEASUREMENT WILL NOT BE INFLUENCED BY OUTSIDE FACTORS (I.E. OVERHANGS, GUTTER, TREES, ETC.). AT LEAST ONE RAIN GAUGE PER LINEAR MILE IS REQUIRED ALONG (AS MEASURED ALONG THE CENTERLINE OF THE PRIMARY ALIGNMENT) THE PROJECT WHERE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING IS ACTIVELY PERFORMED, OR EXPOSED SOIL HAS NOT YET BEEN PERMANENTLY STABILIZED.
- 13.2.3. METHODS
- RAINFALL MONITORING WILL BE INITIATED PRIOR TO CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING, OR FILLING, EXCEPT AS SUCH MINIMAL CLEARING MAY BE NECESSARY TO INSTALL A RAIN GAUGE IN AN OPEN AREA. THE RAIN GAUGE WILL BE CHECKED FOR OPERATIONAL SOUNDNESS DAILY (DURING NORMAL BUSINESS HOURS) IN WET TIMES AND WEEKLY IN DRY TIMES. GAUGES WILL BE REPAIRED OR REPLACED ON THE SAME DAY IF FOUND TO BE NON-OPERATIONAL OR MISSING.
- 13.2.4. EACH RAIN GAUGE WILL BE READ (FOR DETAILED RECORDS OF RAINFALL) AND EMPTIED AFTER EVERY RAINFALL EVENT OCCURRING ON THE PROJECT SITE AT APPROXIMATELY THE SAME TIME OF THE DAY (DURING NORMAL BUSINESS HOURS). DURING PERIODS OF DRY CONDITIONS, IT WILL NOT BE NECESSARY TO READ THE RAIN GAUGE EVERY DAY. IN LIEU OF THIS REQUIREMENT ON WEEKENDS AND ON STATE HOLIDAYS, THE RAIN GAUGES CAN BE EMPTIED THE NEXT BUSINESS DAY AND A

REFERENCE SITE USED FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION FOR THOSE DAYS. A REFERENCE SITE IS THE DOCUMENTATION FROM THE CLOSEST GAUGE WITHIN PROXIMITY OF THE PROJECT FROM A RECOGNIZED SOURCE SUCH AS THE NOAA NATIONAL WEATHER SERVICE.

- 13.2.5. DETAILED RECORDS WILL BE RECORDED OF RAINFALL EVENTS INCLUDE DATES, AMOUNTS OF RAINFALL, AND THE APPROXIMATE DURATION (OR THE STARTING AND ENDING TIMES). THE RAINFALL RECORDS SHALL BE RECORDED ON THE TDOT RAINFALL RECORD SHEET AND SHALL BE MAINTAINED IN THE "DOCUMENTATION AND PERMITS" BINDER.
- 13.2.6. IF THE RAINFALL EVENT IS STILL IN PROGRESS AT THE DAILY RECORDING TIME, THE GAUGE WILL BE EMPTIED AND THE RECORD WILL INDICATE THAT THE STORM EVENT WAS STILL IN PROGRESS.
- 13.2.7. RAIN GAUGE INFORMATION (DETAILED RECORDS), INCLUDING THE LOCATION OF THE NEAREST OUTFALL, WILL BE RECORDED ON THE EPSC INSPECTION REPORT FORMS AT THE TIME OF MEASUREMENT.
- 13.3. KEEPING PLANS CURRENT (5.4.)
- 13.3.1. THE EPSC PLAN IS TO SERVE AS AN INITIAL GUIDE FOR SITE PERSONNEL AS THE CONSTRUCTION PROCESS DEVELOPS. IT MUST BE AMENDED, MODIFIED, AND UPDATED WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL REGULATORY OFFICIALS DETERMINE EPSC MEASURES ARE PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.
- 13.3.2. THE STAGES DEPICTED WITHIN THE EPSC PLANS MAY NOT COINCIDE WITH THE ACTUAL STAGES OF CONSTRUCTION ESTABLISHED BY THE CONTRACTOR DURING CONSTRUCTION, THUS MODIFICATIONS WILL BE REQUIRED TO ENSURE THE EPSC PLAN IS MAINTAINED TO DEPICT CURRENT SITE CONDITIONS. IT SHOULD BE MAINTAINED SUCH THAT IT WILL ALWAYS REFLECT THE MEASURES THAT ARE INSTALLED DURING THE VARIOUS STAGES OF CONSTRUCTION. IT IS IMPRACTICAL TO DETERMINE ALL THE INTERMEDIATE STAGES OF CONSTRUCTION THAT WILL OCCUR, THUS THESE DOCUMENTS MUST BE UPDATED THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT.
- 13.3.3. THE TDOT EPSC INSPECTOR OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MODIFY AND UPDATE THE SWPPP WHEN ANY OF THE FOLLOWING CONDITIONS APPLY:
- 13.3.3.1. WHENEVER THERE IS A CHANGE IN THE SCOPE OF THE PROJECT THAT WOULD BE EXPECTED TO HAVE A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE SWPPP;
- 13.3.3.2. WHENEVER INSPECTIONS OR INVESTIGATIONS BY SITE OPERATORS, LOCAL, STATE, OR FEDERAL OFFICIALS INDICATE THE SWPPP IS PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM CONSTRUCTION ACTIVITY SOURCES, OR IS OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY; WHERE LOCAL, STATE, OR FEDERAL OFFICIALS DETERMINE THAT THE SWPPP IS INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES, A COPY OF ANY CORRESPONDENCE TO THAT EFFECT MUST BE RETAINED IN THE SWPPP;
- 13.3.3.3. WHEN ANY NEW OPERATOR AND/OR SUB-OPERATOR IS ASSIGNED OR RELIEVED OF THEIR RESPONSIBILITY TO IMPLEMENT A PORTION OF THE SWPPP;
- 13.3.3.4. TO PREVENT A NEGATIVE IMPACT TO LEGALLY PROTECTED STATE OR FEDERALLY LISTED OR PROPOSED THREATENED OR ENDANGERED AQUATIC FAUNA;
- 13.3.3.5. WHEN THERE IS A CHANGE IN CHEMICAL TREATMENT METHODS INCLUDING: USE OF DIFFERENT TREATMENT CHEMICALS, DIFFERENT DOSAGE OR APPLICATION RATES OR A DIFFERENT AREA OF APPLICATION NOT SPECIFIED ON THE EPSC PLANS.
- 13.3.3.6. ALL SWPPP REVISION(S) SHALL BE RECORDED WITHIN 1 WEEK BY THE PROJECT EPSC INSPECTOR.

13.3.3.7. WHEN A TMDL IS DEVELOPED FOR THE RECEIVING WATERS FOR A POLLUTANT OF CONCERN (SILTATION AND/OR HABITAT ALTERATION), CONSTRUCTION SHALL NOTIFY THE PERMITS SECTION FOR PROPER COORDINATION.

- 13.4. MAKING PLANS ACCESSIBLE
- 13.4.1. TDOT WILL RETAIN A COPY OF THIS SWPPP (INCLUDING A COPY OF THE "DOCUMENTATION AND PERMITS" BINDER AT THE CONSTRUCTION SITE (OR OTHER LOCATION ACCESSIBLE TO TDEC AND THE PUBLIC) FROM THE DATE CONSTRUCTION COMMENCES TO THE DATE OF PERMANENT STABILIZATION. TDOT WILL HAVE A COPY OF THE SWPPP AVAILABLE AT THE LOCATION WHERE WORK IS OCCURRING ON-SITE FOR THE USE OF OPERATORS AND THOSE IDENTIFIED AS HAVING RESPONSIBILITIES UNDER THE SWPPP WHENEVER THEY ARE ON THE CONSTRUCTION SITE (7.2.).
- 13.4.2. PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND UNTIL THE SITE HAS MET THE PERMANENT STABILIZATION CRITERIA, TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL POST A NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE WITH THE FOLLOWING INFORMATION (5.3.4.) (7.2.1.):
- 13.4.2.1. A COPY OF THE NOTICE OF COVERAGE (NOC) WITH THE NPDES PERMIT NUMBER FOR THE PROJECT;
- 13.4.2.2. THE INDIVIDUAL NAME, COMPANY NAME, E-MAIL ADDRESS (IF APPLICABLE) AND TELEPHONE NUMBER OF THE LOCAL PROJECT SITE OWNER AND OPERATOR CONTACT;
- 13.4.2.3. A BRIEF DESCRIPTION OF THE PROJECT; AND
- 13.4.2.4. THE LOCATION OF THE SWPPP.
- 13.4.3. ALL INFORMATION DESCRIBED IN SECTION 13.4.2 MUST BE MAINTAINED IN LEGIBLE CONDITION. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE DUE TO SAFETY CONCERNS, THE NOTICE SHALL BE POSTED IN A LOCAL BUILDING. THE NOTICE MUST BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION WHERE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY.
- 13.5. NOTICE OF TERMINATION (9.0.)
- 13.5.1. WHEN ALL STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED BY PERMANENT STABILIZATION, THE TDOT REGIONAL ENGINEER WILL SUBMIT A NOTICE OF TERMINATION (NOT) THAT IS SIGNED IN ACCORDANCE WITH THE PERMIT TO THE TDEC CENTRAL OFFICE IN NASHVILLE, TN.
- 13.5.2. FOR THE PURPOSES OF THE CERTIFICATION REQUIRED BY THE NOT, THE ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY MEANS THE
- 13.5.2.1. ALL EARTH-DISTURBING ACTIVITIES ON THE SITE ARE COMPLETED AND ALL DISTURBED SOILS AT THE PORTION OF THE CONSTRUCTION SITE WHERE THE OPERATOR HAD CONTROL HAVE BEEN PERMANENTLY STABILIZED; AND
- 13.5.2.2. ALL CONSTRUCTION MATERIALS, WASTE AND WASTE HANDLING DEVICES, AND ALL EQUIPMENT, AND VEHICLES THAT WERE USED DURING CONSTRUCTION HAVE BEEN REMOVED AND PROPERLY DISPOSED; AND
- 13.5.2.3. ALL STORMWATER CONTROLS THAT WERE INSTALLED AND MAINTAINED DURING CONSTRUCTION, EXCEPT THOSE THAT ARE INTENDED FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE, HAVE BEEN REMOVED; AND
- 13.5.2.4. ALL POTENTIAL POLLUTANTS AND POLLUTANT GENERATING ACTIVITIES ASSOCIATED WITH CONSTRUCTION HAVE BEEN REMOVED; AND
- 13.5.2.5. THE PERMITTEE HAS IDENTIFIED WHO IS RESPONSIBLE FOR ONGOING MAINTENANCE OF ANY STORMWATER CONTROLS LEFT ON THE SITE FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE; AND
- 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

March 4, 2026

\_\_\_\_\_  
DATE

15. **SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (8.7.6.)**

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE REVIEWED THIS DOCUMENT, ANY ATTACHMENTS, AND THE SWPPP REFERENCED ABOVE. BASED ON MY INQUIRY OF THE CONSTRUCTION SITE OWNER/DEVELOPER IDENTIFIED ABOVE AND/OR MY INQUIRY OF THE PERSON DIRECTLY RESPONSIBLE FOR ASSEMBLING THIS NOI AND SWPPP, I BELIEVE THE INFORMATION SUBMITTED IS ACCURATE. I AM AWARE THAT THIS NOI, IF APPROVED, MAKES THE ABOVE-DESCRIBED CONSTRUCTION ACTIVITY SUBJECT TO NPDES PERMIT NUMBER TNR100000, AND THAT CERTAIN OF MY ACTIVITIES ONSITE ARE THEREBY REGULATED. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS, AND FOR FAILURE TO COMPLY WITH THESE PERMIT REQUIREMENTS. AS SPECIFIED IN TENNESSEE CODE ANNOTATED SECTION 39-16-702(a)(4), THIS DECLARATION IS MADE UNDER PENALTY OF PERJURY.

\_\_\_\_\_  
AUTHORIZED CONTRACTOR PERSONNEL SIGNATURE (5.3.3.)

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

16. **ENVIRONMENTAL PERMITS (1.5.2.)**

LIST ALL ENVIRONMENTAL PERMITS AND EXPIRATION DATES FOR PROJECT (TO BE COMPLETED AT THE ENVIRONMENTAL PRECONSTRUCTION MEETING BY TDOT CONSTRUCTION OR THEIR DULY AUTHORIZED REPRESENTATIVE):

ENVIRONMENTAL PERMITS			
PERMIT	YES OR NO	PERMIT OR TRACKING NO.	EXPIRATION DATE*
TDEC ARAP			
CORPS OF ENGINEERS (USACE)			
TVA 26A			
TDEC CGP			
OTHER:			

\*THE TDOT ENVIRONMENTAL DIVISION MUST BE NOTIFIED SIX MONTHS PRIOR TO PERMIT EXPIRATION DATE.

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		139+91.61 LT	2.3	3.32	3.32	3.32	N/A	N/A	UNT TO MYRON CREEK	
2		151+16.53 LT	1.7	2.88	2.88	2.88	N/A	N/A	UNT TO MYRON CREEK	
3		152+ 00.59 LT	2.4	2.27	2.27	2.27	N/A	N/A	UNT TO MYRON CREEK	
4		151+03.29 RT	2.1	1.37	1.37	1.37	N/A	N/A	UNT TO MYRON CREEK	
5		161+13.45 RT	1.2	0.56	0.56	0.56	N/A	N/A	UNT TO MYRON CREEK	
6		161+53.30 RT	1.2	0.17	0.17	0.17	N/A	N/A	UNT TO MYRON CREEK	

ALL UNUSED FIELDS WITHIN THE OUTFALL TABLE ARE TO BE SHADED, HATCHED, OR REMOVED TO INDICATE THEIR NON-USAGE.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	HSIP-3(150)	U1-1
		-	

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING  
**TIPTON COUNTY**

STATE ROUTE 3

(US-51), FROM NORTH OF MYRON CREEK TO SOUTH OF OLD HWY 51 SOUTH

Index Of Sheets	
SHEET NAME	SHEET NO.
UTILITIES INDEX, UTILITIES OWNERS, AND UTILITIES SHEETS:	U1-1
PIN: 126981.00	

CONTRACT TYPE	UTILITY	UTILITY OWNERS & CONTACTS:	CONTRACT TYPE	UTILITY	UTILITY OWNERS & CONTACTS:
NO CONFLICT	TELEPHONE FIBER	AT&T DANIEL POTTS 315 E. COLLEGE STREET JACKSON, TN 38301 901-488-2359 dp7607@att.com	NO CONFLICT	GAS	CITY OF MUNFORD GREG SCOTT 1397 MUNFORD AVE. MUNFORD, TN 38058 901-837-5993 gscott@munfordtn.gov
NO CONFLICT	WATER SEWER	BRIGHTON PUBLIC WORKS MARK DAUGHERTY 139 N. MAIN ST/P.O. BOX 277 BRIGHTON, TN 38011 901-831-7259 mdaugherty@townofbrighton.com	NO CONFLICT	FIBER	RITTER COMMUNICATIONS RICH BUSBY 4880 NAVY ROAD MILLINGTON, TN 38053 870-351-1147 rich.busby@rittercommunications.com
NO CONFLICT	WATER SEWER	CITY OF MUNFORD SHERRI BENNARD 1397 MUNFORD AVE. MUNFORD, TN 38058 901-837-5974 sbennard@munfordtn.gov	NO CONFLICT	ELECTRIC	SOUTHWEST TN EMC JOSHUA KENNEDY 1009 E. MAIN STREET BROWNSVILLE, TN 38012 731-585-0531 jkennedy@stemc.com
NO CONFLICT	FIBER	SOUTHWEST TN EMC JOSHUA KENNEDY 1009 E. MAIN STREET BROWNSVILLE, TN 38012 731-585-0531 cmurby@stemc.com			

**SEALED BY**

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

UTILITY INDEX  
AND  
UTILITY OWNERS

SPECIAL NOTES

SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE SYSTEM, INC. AT 1-800-351-1111.