Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

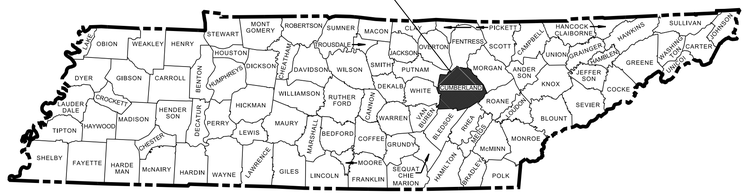
DOES THIS PROJECT QUALIFY FOR UTILITY CHAPTER 86	YES X	NO
WORK ZONE SIGNIFICANCE DETERMINATION		
SIGNIFICANT	YES X	NO

TENN.	YEAR	SHEET NO.
	2025	1
FED. AID PROJ. NO.	HPP/NH-28 (37)	
STATE PROJ. NO.	18008-3227-14	

CUMBERLAND COUNTY

SR-28 (US-127) FROM NEAR HOLLOW LANE
TO NEAR LOWE ROAD

PROJECT LOCATION



CONSTRUCTION
GRADE, DRAIN, PAVE, SIGN

STATE HIGHWAY NO. 28 F.A.H.S. NO. 127

ADJACENT PROJECT NO. STP/HPP/NH-28 (38)
STA. 589+70.13 R.O.W. PIN 100260.05
STA. 606+60.00 CONST.

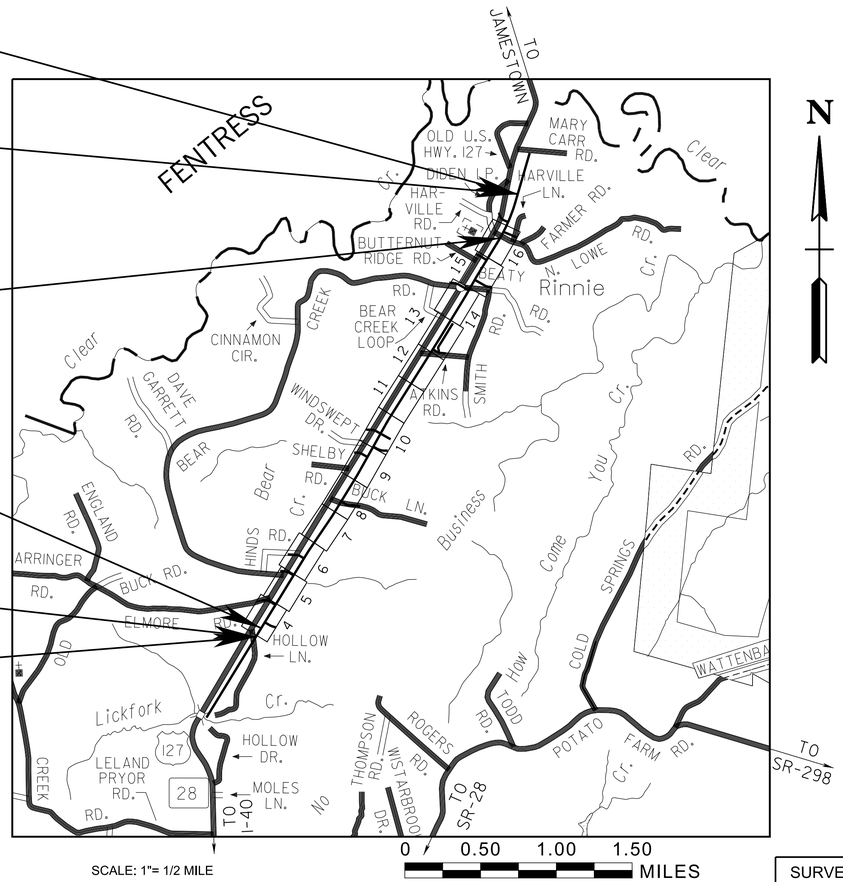
18008-3227-14
END PROJECT NO. HPP/NH-28(37) CONSTRUCTION
STA. 606+60.00 PIN 100260.04
N 664695.8426 E 2255132.0409

18008-2227-14
END PROJECT NO. HPP/NH-28 (37) R.O.W.
STA. 589+70.13 PIN 100260.04
N 663134.4720 E 2254499.4437

18008-3227-14
BEGIN PROJECT NO. HPP/NH-28(37) CONSTRUCTION
STA. 432+00.00 PIN 100260.04
N 649573.5140 E 2246194.5083

18008-2227-14
BEGIN PROJECT NO. HPP/NH-28 (37) R.O.W.
STA. 428+42.14 PIN 100260.04
N 649268.3580 E 2246007.5779

ADJACENT PROJECT NO. STP/NH-28 (32)
STA. 428+42.14 R.O.W. PIN 100260.03
STA. 432+00.00 CONST.



EXCLUSIONS	
STATION TO STATION	LENGTH (FT.)
581+35.50 - 580+00.00	-135.50
-	.
-	.
TOTAL=	-135.50

PS&E FIELD REVIEW

SEALED BY

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 JANUARY 1, 2021 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT PROJECT MANAGER : CURT DUNCAN, P.E.
DESIGN FIRM : HMBPE
DESIGNER : NEAL McCLATCHEY, PE CHECKED BY MICHAEL TAPP, P.E.
P.E. NO. 18008-3227-14 (CONSTRUCTION)
PIN NO. 100260.04

R.O.W. LENGTH	3.055 MILES
ROADWAY LENGTH	3.307 MILES
BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES ▲
PROJECT LENGTH	3.307 MILES

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

SURVEY 09-2009	TRAFFIC DATA	
UPDATE 08/2016	ADT (2025)	5,990
UPDATE 07/2019	ADT (2045)	7,070
UPDATE 02/2023	DHV (2023)	778
	D	65 - 35
	T (ADT)	5 %
	T (DHV)	3 %
	V	60 MPH

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:
DIVISION ADMINISTRATOR DATE

1/30/2026 2:06:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\001 - PIH.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2018	NPP/NH-28 (37)	1A
PIH	2025	NPP/NH-28 (37)	1A

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
STANDARD ROADWAY DRAWINGS	1A1
TRAFFIC OPERATIONS DRAWINGS	1A3
PROJECT COMMITMENTS	1B
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1, 2B2, 2B3
GENERAL NOTES	2C, 2C1
SPECIAL NOTES	2D
ENVIRONMENTAL NOTES	2E, 2E1
TABULATED QUANTITIES	2F, 2F1-2F7
DETAIL SHEETS	2G, 2G1-2G5
RIGHT-OF-WAY NOTES, UTILITY NOTES, AND UTILITY OWNERS	3
PROPERTY MAP(S) AND RIGHT-OF-WAY ACQUISITION TABLE(S)	3A – 3N
PRESENT LAYOUT(S)	4 – 17
RIGHT-OF-WAY DETAILS	4A – 17A
PROPOSED LAYOUT(S)	4B – 17B
PROPOSED PROFILE(S)	4C – 17C
SIDE ROADS PROFILE(S) ①	18 – 27
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE(S)	28 – 44
DRAINAGE MAP(S)	45 – 51
CULVERT SECTION(S)	52 – 61
EROSION PREVENTION AND SEDIMENT CONTROL PLANS	62-62B, 63-65N
SIGNING AND PAVEMENT MARKING PLAN(S)	66 – 79
SIGN SCHEDULE SHEET(S)	80 – 81
ROADWAY CROSS SECTIONS	100 – 256
SIDE ROAD CROSS SECTIONS	257 – 340
TRAFFIC CONTROL PLANS	T1 – T43
GEOTECHNICAL PLANS	G-1
STORM WATER POLLUTION PREVENTION PLAN (SWPP) PLANS	S-1

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

STANDARD ROADWAY DRAWINGS

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

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

10-101.00 STANDARDS ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
RD18-TS-1		RURAL LOCAL ROADS (LOW-VOLUME)
RD18-TS-2A		RURAL LOCAL ROADS AND STREETS
RD18-TS-3A		RURAL MINOR COLLECTOR (2-LANE)
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-TS-1	06-28-19	DESIGN STANDARDS FOR LOW-VOLUME ROADS
RD11-TS-1A	06-28-19	DESIGN STANDARDS FOR LOCAL ROADS AND STREETS
RD11-TS-2		DESIGN STANDARDS FOR COLLECTORS, 2-LANE ROADS AND STREETS
RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS
RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD11-S-11B		DESIGN AND CONSTRUCTION DETAILS FOR ROCK CUT SLOPE AND CATCHMENT
RD11-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD11-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS
RD-UD-3	01-09-24	UNDERDRAIN DETAILS
RD-UD-4	06-28-19	UNDERDRAIN LATERAL DETAILS
RD-UD-7	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 3:1 & 4:1 SLOPES
RD-UD-9	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES

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

DWG.	REV.	DESCRIPTION
D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	03-01-23	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION
D-PB-3	11-30-20	INDUCED TRENCH SOIL EMBANKMENT FOR PIPE CULVERT INSTALLATION
D-PB-4	01-09-24	PIPE COLLAR DETAILS
D-PG-3	06-28-19	FERROUS AND ALUMINUM CORRUGATED METAL PIPE
D-PS-1	06-28-19	STRUTTING DETAILS FOR CORR. METAL & STRUCTURAL PLATE ROUND PIPE
D-PE-18A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-18B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-24A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-24B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-30A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 30" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-30B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 30" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-36A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 36" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-36B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 36" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-42A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 42" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-42B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 42" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-48A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 48" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-48B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 48" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-99	03-04-21	TYPE "U" CROSS DRAIN ENDWALL DETAILS, PIPE GRATE & SKEWED CONNECTION
D-SEW-1A	07-07-23	TYPE "SAFETY" SIDE ENDWALL WITH STEEL PIPE GRATE, FOR 15" THRU 48" PIPES, 6:1 SLOPE
D-PEW-1		PROTECTED ENDWALLS FOR ROUND & OVAL PIPES (PIPE SIZES 18” TO 72”, ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PEW-2		PROTECTED ENDWALLS FOR ROUND PIPES DETAILS & QUANTITIES (PIPE SIZES 18” TO 72”, ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PEW-3		PROTECTED ENDWALLS FOR OVAL PIPES DETAILS & QUANTITIES (EQU. PIPE SIZES 18” TO 72”, ALL SKEWS, 2:1 & 3:1 SLOPES)

10-105.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

DWG.	REV.	DESCRIPTION
S-F-1	03-01-23	HIGH VISIBILITY FENCE
S-F-10B	06-28-19	STANDARD RIGHT-OF-WAY CHAIN LINK FENCE
S-F-10C	06-28-19	RIGHT-OF-WAY FENCE AT BRIDGES AND BOX CULVERTS
S-RP-2	06-28-19	STANDARD CONCRETE RIGHT-OF-WAY MARKERS

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

1/30/2026 2:06:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\001a.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	NPP/NH-28 (37)	1A1

10-107.00 SAFETY DESIGN AND GUARDRAILS

S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
S-PL-1	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED
S-PL-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-7		SAFETY PLAN HARDWARE PLACEMENT AT INTERSECTIONS
S-GR31-1	10-31-25	GUARDRAIL DETAILS
S-GR31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
S-GR31-1B		GUARDRAIL FASTENING HARDWARE
S-GR31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS
S-GR1-1D	03-01-23	GUARDRAIL POST PLACEMENT IN ROCK
S-GRS-8		SAFETY PLAN AT SIDEROADS OR DRIVEWAYS FOR LOW SPEED ROADWAYS
S-GRT-1A		LAYOUT OF FLARED GUARDRAIL (TL- 3)
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL

10-109.00 EROSION PREVENTION AND SEDIMENT CONTROL

EC-STR-1	08-01-12	DEWATERING STRUCTURE
EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3B	06-15-21	SILT FENCE
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-27	08-01-12	TEMPORARY SLOPE DRAIN AND BERM
EC-STR-34	05-04-22	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-35	08-01-12	FILTER BERMS
EC-STR-37	06-10-14	SEDIMENT TUBE
EC-STR-6	11-30-20	ROCK CHECK DAM
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-11	03-16-17	CULVERT PROTECTION TYPE 1
EC-STR-21	05-04-22	PERMANENT RIPRAP BASIN ENERGY DISSIPATORS
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

1/30/2026 2:06:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\001a1.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2018	NPP/NH-28 (37)	1A3
PIH	2025	NPP/NH-28 (37)	1A3

STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
10-200.00	**SIGN**	
T-S-6	07-30-25	STANDARD MOUNTING DETAILS - BOLTED EXTRUDED PANELS
T-S-9	07-30-25	STANDARD LAYOUT - GROUND MOUNTED SIGNS
T-S-10	07-30-25	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS, ALUMINUM-STEEL DESIGN
T-S-11	07-30-25	DELINEATOR AND MILEPOST DETAILS
T-S-12	07-30-25	STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, SQUARE TUBES
T-S-13	07-30-25	I-BEAM BREAK-AWAY LARGE SIGN SUPPORT DETAILS
T-S-14	07-30-25	WF-BEAM BREAK-AWAY LARGE SIGN SUPPORT DETAILS
T-S-16	07-30-25	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-16A	07-02-15	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-17	07-30-25	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-19	07-30-25	STANDARD STEEL SIGN SUPPORTS
T-S-20	07-30-25	SIGN DETAILS
T-S-23A	07-30-25	MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT
T-S-23C	07-30-25	BREAKWAY POST SIGN SUPPORTS

DWG.	REV.	DESCRIPTION
10-204.00	**DESIGN - TRAFFIC CONTROL**	
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-15	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATE AND ACCESS CONTROLLED ROUTES
T-M-15A	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
T-WZ-PBR1	03-26-25	INTERCONNECTED PORTABLE BARRIER RAIL
T-WZ-PBR2	03-26-25	DETAILS FOR WORK ZONE CHANNELIZATION DEVICES
T-WZ-PCB1	03-26-25	10 FOOT PORTABLE CONCRETE BARRIER RAIL
T-WZ-PCB2	03-26-25	20 FOOT PORTABLE CONCRETE BARRIER RAIL
T-WZ-PCB2A	03-26-25	20 FOOT PORTABLE CONCRETE BARRIER RAIL STIFFENER TUBE
T-WZ-PCB3	03-26-25	PORTABLE CONCRETE BARRIER RAIL DETAILS
T-WZ-PCB4	07-22-25	PORTABLE CONCRETE BARRIER RAIL ANCHOR PIN DETAILS

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
TRAFFIC
OPERATIONS
DRAWINGS

1/30/2026 2:07:26 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\001a3.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28 (37)	1B
PIH	2025	HPP/NH-28 (37)	1B

PROJECT COMMITMENTS

COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STA. / LOCATION
EDEC001	Environmental Division, Ecology	All tree clearing will be conducted during the wintertime period of October 1st through March 31st	Entire Project
EDHZ002	Environmental Division, Hazardous Materials	Groundwater supply wells have been encountered in other sections of this project; therefore, all groundwater supply wells within the construction zone or within a tract with right of way acquisition must be inventoried and properly abandoned according to TDEC DWR Water Well Standards Chapter 0400-45-09-.16 Well Abandonment.	project corridor
EDPL001	Environmental Division, Planning	The Obed Wild and Scenic River is located downstream of the project corridor. TDOT will coordinate with the National Park Service to acquire a Section 7(a) determination as required by the Wild and Scenic River Act prior to construction.	Entire project

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROJECT
COMMITMENTS

1/30/2026 2:08:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\001b.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28 (37)	2A
PIH	2025	HPP/NH-28 (37)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 18008-3227-14
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	0.4
	108-03	CPM SCHEDULE	LS	0.4
	201-01	CLEARING AND GRUBBING	LS	0.4
1	202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	0.4
	202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.	1,370
2	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	305,393
3	203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	22,763
	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	26,287
3	203-05	UNDERCUTTING	C.Y.	8,327
	203-06	WATER	M.G.	7
	203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	5,277
	203-20.01	CHANNEL SUBSTRATE	C.Y.	63
5,9	209-02.07	18" TEMPORARY SLOPE DRAIN	L.F.	866
5,9	209-02.08	24" TEMPORARY SLOPE DRAIN	L.F.	1737
	209-02.09	30" TEMPORARY SLOPE DRAIN	L.F.	675
	209-02.12	48" TEMPORARY SLOPE DRAIN	L.F.	112
4,5	209-05	SEDIMENT REMOVAL	C.Y.	1,679
5,9	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	7,502
5,9	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	13,055
5,9	209-08.07	ROCK CHECK DAM	EACH	35
5,9	209-08.08	ENHANCED ROCK CHECK DAM	EACH	34
	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	4
7	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	102,091
5	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	324
	307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	383
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	5434
	307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	TON	13842
	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	14982
	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	9814
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	171
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	563
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	105
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	6905
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	3,186
	411-02.10	ACS MIX(PG70-22) GRADING D	TON	5754
	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	4.9
	604-10.51	SCARIFYING	S.Y.	37,752
11	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	875
11	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	589
11	607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	149
11	607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	L.F.	234
11	607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	L.F.	35
11	607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	L.F.	34
11	607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	2,727
11	607-39.03	24" PIPE CULVERT (SIDE DRAIN)	L.F.	291
11	607-39.05	36" PIPE CULVERT (SIDE DRAIN)	L.F.	63
	611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	54
	611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	1428
	611-07.31	18IN ENDWALL (SIDE DRAIN)	EACH	152
	611-07.32	24IN ENDWALL (SIDE DRAIN)	EACH	12
	611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	EACH	12
	611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	EACH	3
	611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	EACH	3
	611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	EACH	7
	611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	EACH	7
	611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
	611-07.62	30IN ENDWALL (CROSS DRAIN) 6:1	EACH	2
	611-07.64	36IN ENDWALL (CROSS DRAIN) 4:1	EACH	1
	611-07.65	36IN ENDWALL (CROSS DRAIN) 6:1	EACH	3
	611-07.66	42IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
	611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	EACH	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 18008-3227-14
5,9	621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	88
	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH	2
	705-06.01	W BEAM GR (TYPE 2) MASH TL3	L.F.	475
	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	2
5,9	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	5936
	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	67
5	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	196
5,12	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	2244
	709-05.08	MACHINED RIP-RAP (CLASS B)	TON	4210
	709-05.09	MACHINED RIP-RAP (CLASS C)	TON	3349
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	35790
	710-05	LATERAL UNDERDRAIN	L.F.	5400
	710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	EACH	50
	710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	128
	712-01	TRAFFIC CONTROL	LS	0.5
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	479
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	60
	712-06	SIGNS (CONSTRUCTION)	S.F.	830
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	300
	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	195
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	1107
	713-11.21	P POST SLIP BASE	EACH	29
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	293
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	8
	713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	S.F.	34
	713-15.36	REMOVE SIGN, SUPPORT & FOOTING	EACH	6
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	4
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	241
	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	840
	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	1.03
	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	40
	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	40
	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	1.03
10	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	11.5
	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	5.6
	717-01	MOBILIZATION	LS	0.4
	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	5454
	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	23,014
5,9	740-11.04	TEMPORARY SEDIMENT TUBE 20IN	L.F.	1,748
	801-01	SEEDING (WITH MULCH)	UNIT	1332
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	2,146
	801-01.36	SPECIAL WETLAND SEED MIXTURE	UNIT	14
8	801-01.38	NATVE SEED MX FINAL STABLIZATN OF SLOPES	UNIT	7
	801-02	SEEDING (WITHOUT MULCH)	UNIT	437
	801-03	WATER (SEEDING & SODDING)	M.G.	1796
	803-01	SODDING (NEW SOD)	S.Y.	39455
5	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	48536
	806-02.03	PROJECT MOWING	CYCL	4

FOOTNOTES

(1) BID PRICE INCLUDES ALL SALVAGE VALUE OF MATERIAL. SEE SHEET 2F FOR BREAKDOWN.
(2) INCLUDES 794 C.Y. FOR EROSION PREVENTION AND SEDIMENT CONTROL.
(3) ROCK FILL FOR WETLANDS AND POND SEE SHEET 2G1 &2G2.
(4) BASED ON 49.26 ACRES OF DISTURBED AREA. CALCULATED BY METHOD IN SECTION 10.04.62.2 IN DRAINAGE MANUAL.
(5) ALL QUANTITIES ARE TO BE USED AS DIRECTED BY PROJECT ENGINEER.
(6) INCLUDES QUANTITIES FOR TEMPORARY TRAFFIC CONTROL SEE TRAFFIC CONTROL SHEETS.
(7) INCLUDES 5986 TONS FOR DRIVEWAYS, 1000 TONS FOR TRAFFIC CONTROL.
(8) PERMANENT STABILIZATION WITH NATIVE OR NATURALIZED PERENNIAL VEGITATION IS REQUIRED IN ALL AREAS AUTHORIZED FOR TEMPORARY AND PERMANENT IMPACTS TO STREAMS AND REPARIAN AREAS, INCLUDING ADJACENT BUFFER ZONES WITHIN 60 FT OF THE EDGE OF WATER. THE APPROPRIATE SEED MIXTURE FOR THE REGION AND SITE CONDITIONS SHALL BE SELECTED FROM TABLE 7.9-1 (PREFERRED

(PERMANENT VEGETATION) OF THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK 4TH EDITION.
(9) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT
(10) CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION
(11) BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE CULVERT. SEE STANDARD DRAWING NO. D-PB-1 AND D-PB-2 FOR ADDITIONAL DETAILS.
(12) INCLUDES 53 TONS FOR CULVERT EW'S AND 2191 TONS FOR EPSC.
(13) INCLUDES 1580 MG FOR FINAL STABILIZATION AND 216 MG FOR EPSC.

PS&E FIELD REVIEW

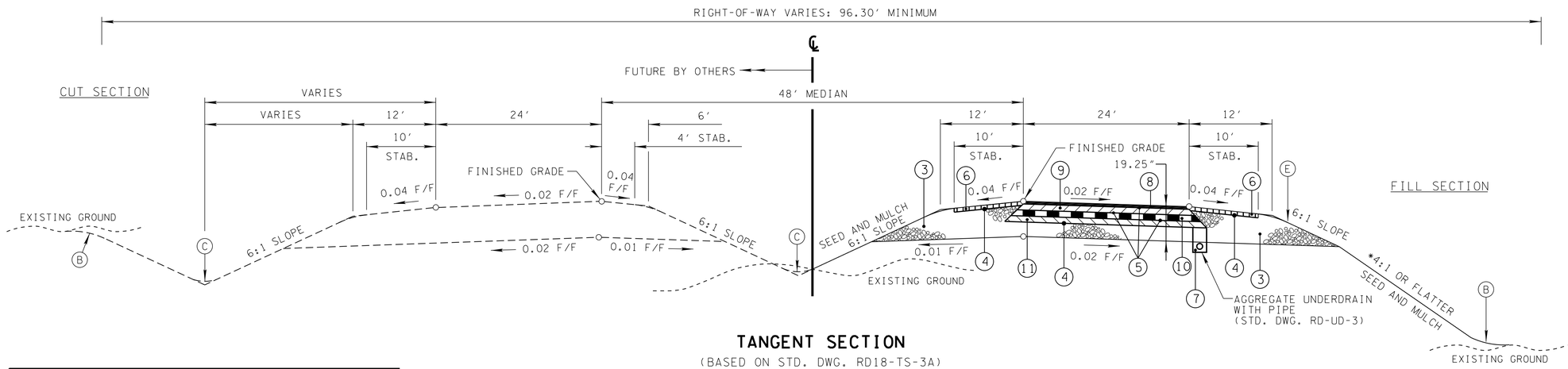
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

1/30/2026 2:08:30 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2
ROW	2020	HPP/NH-28 (37)	2B
PIH	2025	HPP/NH-28 (37)	2B



TANGENT SECTION

(BASED ON STD. DWG. RD18-TS-3A)

SR-28 (US-127)

STA. 432+00.00 TO STA. 460+72.95
STA. 466+00.81 TO STA. 475+88.81
STA. 481+16.68 TO STA. 491+91.53
STA. 498+11.40 TO STA. 514+03.91
STA. 519+74.42 TO STA. 564+87.13
STA. 570+63.03 TO STA. 572+87.58
STA. 578+63.48 TO STA. 587+17.91
STA. 604+98.90 TO STA. 606+60.00

*STEEPER THAN 3:1
USE SEED AND ECB

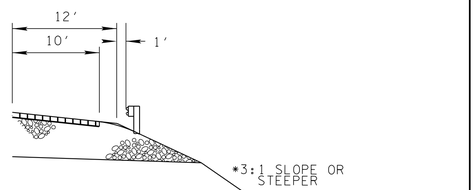
(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.

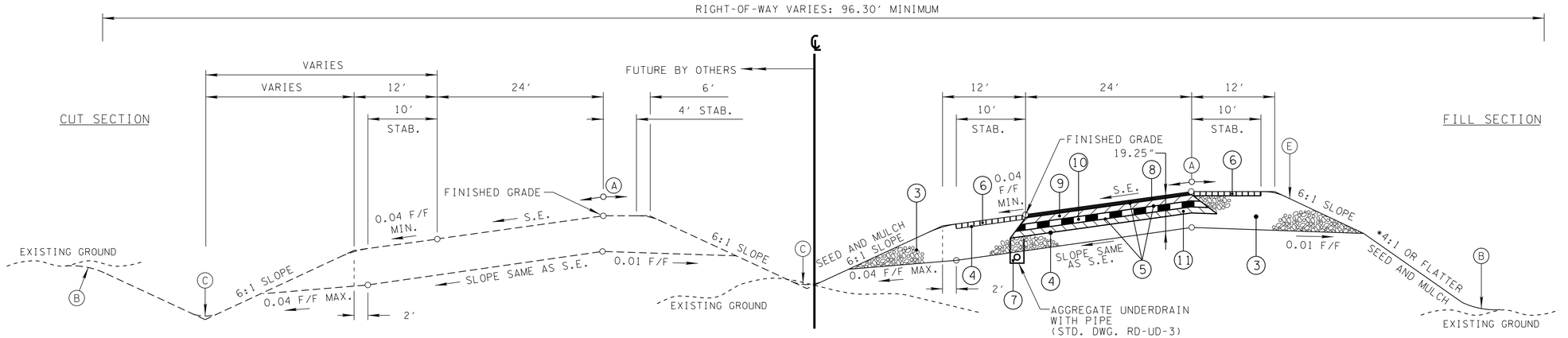
(B) SEE STD. DWG. RD11-S-11 FOR ROUNDING.

(C) SEE STD. DWG. RD11-S-11A FOR DITCH ROUNDING.

(D) SEE SHEET 2B3 FOR PAVEMENT SCHEDULE.

(E) GUARDRAIL SECTION STA. 594+65.26 - 600+09.89





SUPERELEVATED SECTION

(BASED ON STD. DWG. RD18-TS-3A)

SR-28 (US-127)

STA. 460+72.95 TO STA. 466+00.81
STA. 475+88.81 TO STA. 481+16.68
STA. 491+91.53 TO STA. 498+11.40
STA. 514+03.91 TO STA. 519+74.42
STA. 564+87.13 TO STA. 570+63.03
STA. 572+87.58 TO STA. 578+63.48
STA. 587+17.91 TO STA. 604+98.90

*STEEPER THAN 3:1
USE SEED AND ECB

PS&E FIELD REVIEW

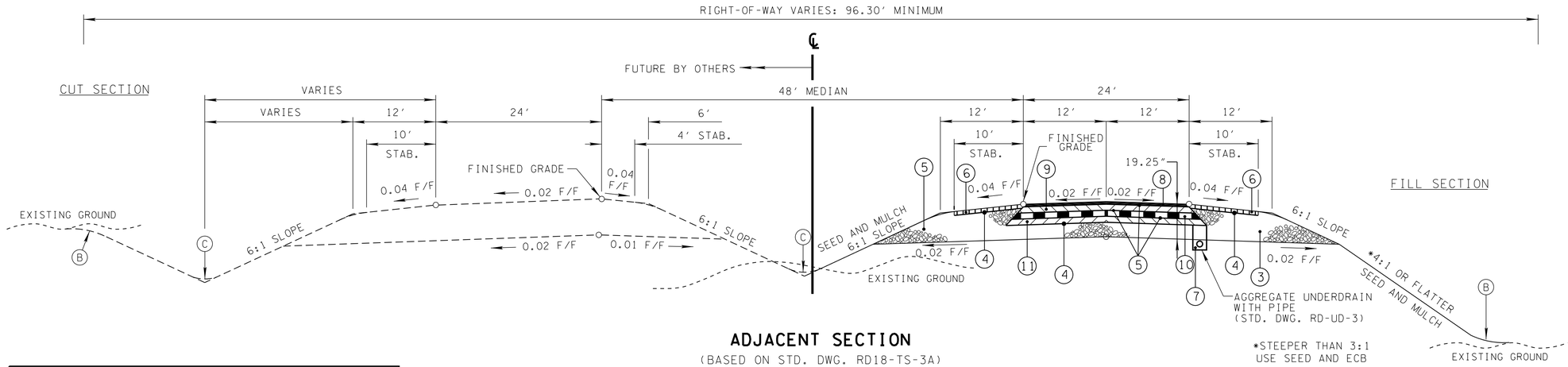
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

1/30/2026 2:09:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2
ROW	2020	HPP/NH-28 (37)	2B1
PIH	2025	HPP/NH-28 (37)	2B1



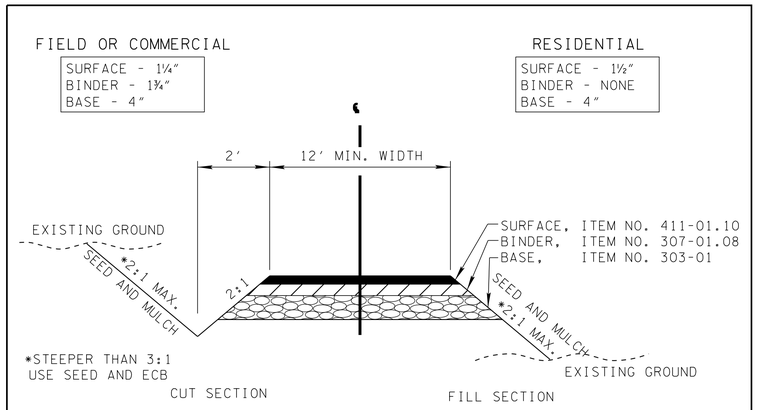
ADJACENT SECTION

(BASED ON STD. DWG. RD18-TS-3A)

SR-28 (US-127)

ADJACENT PROJ. - STA. 432+00.00
TRANSITION FROM ADJACENT SECTION TO TANGENT SECTION
STA. 432+00.00 TO STA. 434+00.00
(SEE CROSS-SECTIONS FOR DETAILS)

- (A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.
- (B) SEE STD. DWG. RD11-S-11 FOR ROUNDING.
- (C) SEE STD. DWG. RD11-S-11A FOR DITCH ROUNDING.
- (D) SEE SHEET 2B3 FOR PAVEMENT SCHEDULE.



TYPICAL SECTION

PRIVATE DRIVE TO BUSINESS,
FIELD, OR RESIDENTIAL PROPERTY

NOTES:
1. DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER
2. ALL RADII ARE 15' FOR FIELD OR RESIDENTAL AND 20' FOR COMMERCIAL, UNLESS OTHERWISE NOTED.
3. FIELD ENTRANCES ARE TO BE ASPHALT FROM THE EDGE OF TRAVELED WAY TO THE PROPOSED R.O.W. AT WHICH POINT THEY BECOME GRAVEL.

PS&E
FIELD
REVIEW

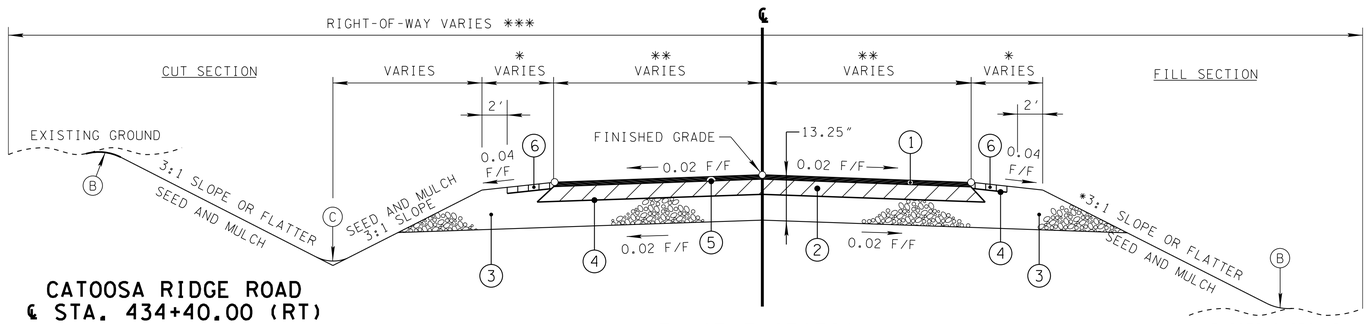
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

1/30/2026 2:09:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002B1.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2A
ROW	2020	HPP/NH-28 (37)	2B2
PIH	2025	HPP/NH-28 (37)	2B2



TANGENT SECTION

(BASED ON STD. DWG. RD18-TS-1)

*STEEPER THAN 3:1
USE SEED AND ECB

SIDE ROAD SHOULDER, LANE & R.O.W. WIDTHS			
	SHOULDER WIDTH *	LANE WIDTH **	MINIMUM R.O.W. ***
CATOOSA RIDGE ROAD	4'	9'	50.32'
OLD ELMORE ROAD	4'	10'	54.99'
BEAR CREEK ROAD (SOUTH)	4'	9'	46.86'
HINDS ROAD	2'	9'	20.55'
BUCK LANE	2'	9'	24.05'
SHELBY ROAD	2'	9'	45.30'
J.K. BOWMAN	2'	9'	42.23'
WINDSWEPT DRIVE	4'	9'	19.08'
ASHMOR DRIVE	4'	9'	114.85'
ATKINS ROAD	2'	9'	37.32'
FRONTAGE ROAD	2'	9'	317.46'
BEAR CREEK ROAD (NORTH)	4'	9'	49.92'
BEATY ROAD	4'	9'	33.43'
BUTTERNUT RIDGE ROAD	4'	9'	64.20'
DIDEN LOOP	2'	10'	115.87'
N. LOWE ROAD	2'	10'	56.59'

CATOOSA RIDGE ROAD
℄ STA. 434+40.00 (RT)
STA. 20+48.00 TO STA. 20+97.66

OLD ELMORE ROAD
℄ STA. 441+50.00 (LT)
STA. 29+27.73 TO STA. 30+24.00

BEAR CREEK ROAD (SOUTH)
℄ STA. 453+55.00 (LT)
STA. 39+31.26 TO STA. 40+24.00

HINDS ROAD
℄ STA. 460+50.00 (LT)
STA. 44+62.00 TO STA. 46+48.33
STA. 49+13.19 TO STA. 50+24.00

BUCK LANE
℄ STA. 484+20.00 (RT)
STA. 60+48.00 TO STA. 61+09.30

SHELBY ROAD
℄ STA. 502+20.00 (LT)
STA. 65+40.00 TO STA. 65+46.08
STA. 68+46.50 TO STA. 70+24.00

J. K. BOWMAN
℄ STA. 506+35.00 (RT)
STA. 80+48.00 TO STA. 81+01.96

WINDSWEPT DRIVE
℄ STA. 511+55.00 (LT)
STA. 86+00.00 TO STA. 86+14.17
STA. 88+71.86 TO STA. 90+24.00

ASHMOR DRIVE
℄ STA. 511+55.00 (RT)
STA. 90+48.00 TO STA. 93+94.09

ATKINS ROAD
℄ STA. 546+15.00 (RT)
STA. 100+48.00 TO STA. 100+92.94
STA. 103+63.81 TO STA. 103+85.00

FRONTAGE ROAD
℄ STA. 102+20.00 (LT)
STA. 10+00.00 TO STA. 22+84.08

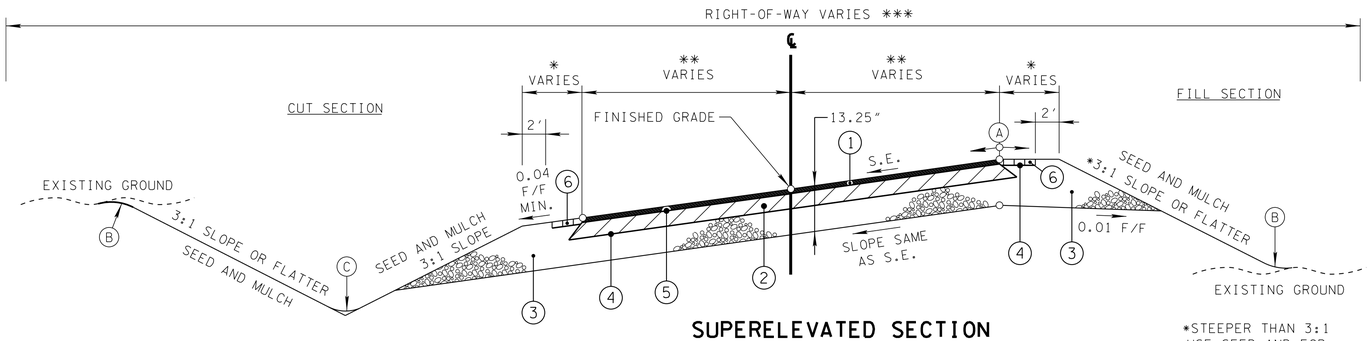
BEAR CREEK ROAD (NORTH)
℄ STA. 570+20.00 (LT)
STA. 106+75.91 TO STA. 110+24.00

BEATY ROAD
℄ STA. 574+40.00 (RT)
STA. 120+48.00 TO STA. 123+41.42

BUTTERNUT RIDGE ROAD
℄ STA. 581+08.18 (LT)
STA. 128+47.25 TO STA. 130+24.00

DIDEN LOOP
℄ STA. 596+30.00 (LT)
STA. 153+93.96 TO STA. 154+87.96

N. LOWE ROAD
℄ STA. 592+50.00 (RT)
STA. 140+00.00 TO STA. 142+41.00



SUPERELEVATED SECTION

(BASED ON STD. DWG. RD18-TS-1)

*STEEPER THAN 3:1
USE SEED AND ECB

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.
(B) SEE STD. DWG. RD11-S-11 FOR ROUNDING.
(C) SEE STD. DWG. RD11-S-11A FOR DITCH ROUNDING.
(D) SEE SHEET 2B3 FOR PAVEMENT SCHEDULE.

CATOOSA RIDGE ROAD
℄ STA. 434+40.00 (RT)
STA. 20+97.66 TO STA. 24+04.38

OLD ELMORE ROAD
℄ STA. 441+50.00 (LT)
STA. 23+14.93 TO STA. 29+27.73

BEAR CREEK ROAD (SOUTH)
℄ STA. 453+55.00 (LT)
STA. 35+66.70 TO STA. 39+31.26

HINDS ROAD
℄ STA. 460+50.00 (LT)
STA. 46+48.33 TO STA. 49+13.19

BUCK LANE
℄ STA. 484+20.00 (RT)
STA. 61+09.30 TO STA. 64+08.32
STA. 63+87.99 TO STA. 66+28.00

SHELBY ROAD
℄ STA. 502+20.00 (LT)
STA. 65+46.08 TO STA. 68+46.50

J. K. BOWMAN
℄ STA. 506+35.00 (RT)
STA. 81+01.96 TO STA. 84+78.13

WINDSWEPT DRIVE
℄ STA. 511+55.00 (LT)
STA. 86+14.17 TO STA. 88+71.86

ATKINS ROAD
℄ STA. 546+15.00 (RT)
STA. 100+92.94 TO STA. 103+63.81

BEAR CREEK ROAD (NORTH)
℄ STA. 570+20.00 (LT)
STA. 103+37.92 TO STA. 106+75.91

BEATY ROAD
℄ STA. 574+40.00 (RT)
STA. 123+41.42 TO STA. 125+88.15

BUTTERNUT RIDGE ROAD
℄ STA. 581+08.18 (LT)
STA. 126+12.20 TO STA. 128+47.25

DIDEN LOOP
℄ STA. 596+30.00 (LT)
STA. 150+65.96 TO STA. 153+93.96

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

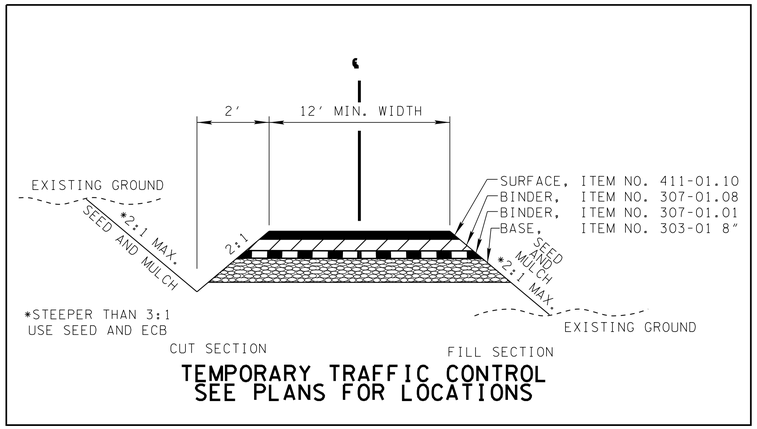
TYPICAL SECTIONS

1/30/2026 2:09:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002B2.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2
ROW	2020	HPP/NH-28 (37)	2B3
PIH	2025	HPP/NH-28 (37)	2B3

PROPOSED PAVEMENT SCHEDULE

(1) ASPHALTIC CONCRETE SURFACE (HOT MIX) PG64-22 GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.5 LB./S.Y.) 411-01.10 ACS MIX (PG64-22) GRADING "D" - SIDEROADS AND TEMPORARY PAVEMENT	(2) BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22 GRADING "B-M2" @ 2.00" THICK (APPROX. 226 LB./S.Y.) 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "B-M2" - SIDEROADS AND TEMPORARY PAVEMENT
(3) MINERAL AGGREGATE 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D" - MAINLINE 10", SIDEROADS 12", SHOULDERS 17.75", TEMPORARY 8"	(6) PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) AT 0.30-0.35 GALLONS/S.Y. 402-02 AGGREGATE FOR COVER MATERIAL (PC) AT 8-12 LB./S.Y. - MAINLINE, SIDEROADS AND TEMPORARY PAVEMENT
(7) TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) AT 0.05- 0.10 GALLONS/S.Y. - MAINLINE, SIDEROADS AND TEMPORARY PAVEMENT	(8) ASPHALTIC CONCRETE SURFACE (HOT MIX) PG64-22 GRADING "E" SHOULDERS @ 1.50" THICK (APPROX. 154.5 LB./S.Y.) 411-01.07 ACS MIX (PG64-22) GRADING "E" SHOULDER - MAINLINE AND SHOULDERS
(9) UNDERDRAIN 710-02 AGGREGATE UNDERDRAINS (WITH PIPE) - MAINLINE	(10) ASPHALTIC CONCRETE SURFACE (HOT MIX) PG70-22 GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.5 LB./S.Y.) 411-02.10 ACS MIX (PG70-22) GRADING "D" - MAINLINE
(11) BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "B-M2" @ 2.00" THICK (APPROX. 226 LB./S.Y.) 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "B-M2" - MAINLINE	(12) BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A" @ 3.00" THICK (APPROX. 345 LB./S.Y.) 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A" - MAINLINE
(13) BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A-S" @ 3.00" THICK (APPROX. 339 LB./S.Y.) 307-01.21 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A-S" - MAINLINE	(14) BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22 GRADING "A" @ 3.00" THICK (APPROX. 345 LB./S.Y.) 307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "A" - TEMPORARY PAVEMENT



TEMPORARY TRAFFIC CONTROL
SEE PLANS FOR LOCATIONS

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
SCHEDULE

1/30/2026 2:09:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002B3.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2018	HPP/NH-28 (37)	2C
PIH	2025	HPP/NH-28 (37)	2C

GENERAL NOTES

GRADING

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

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

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

SEEDING AND SODDING

(1) ALL EXISTING ROADS WITHIN THE RIGHT-OF-WAY AND NOT IN THE GRADED AREA THAT ARE TO BE ABANDONED SHALL BE SCARIFIED, OBLITERATED, TOPSOILED AND SEEDED. SCARIFYING AND OBLITERATING THE PAVEMENT WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS. TOPSOIL, IN ACCORDANCE WITH SECTION 203 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 203-04 AND/OR 203-07. SEEDING, IN ACCORDANCE WITH SECTION 801 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 801-01.

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

GUARDRAIL

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

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

(4) GUARDRAIL IS TO BE COMPLETE IN PLACE BEFORE THE MAINLINE ROADWAY IS OPENED TO TRAFFIC.

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.

NOTE: SEE SECTION 4-204.00.

(2) EXCAVATION FOR PIPE CULVERTS AND STORM SEWERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE (CHOOSE THE APPLICABLE ITEM(S) FROM THE FOLLOWING: PIPE CULVERTS, STORM SEWERS, CONDUITS, ALL OTHER CULVERTS AND MINOR STRUCTURES).

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

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

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

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

MISCELLANEOUS

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

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

(3) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

ROAD CLOSURE

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

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

(5) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.49, PAINTED PAVEMENT MARKING (8” LINE), LIN.FT.

FINAL PAVEMENT MARKING

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

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

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

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.

(10) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 4” SPRAY THERMOPLASTIC (60 mil) 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. 716-13.01, SPRAY THERMO PVMT MRKNG (60 mil) (4IN 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.

PAVEMENT

PAVING

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

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

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

GRADED SOLID ROCK

(1) THE ROCK FILL (GRADED SOLID ROCK) MATERIAL SHALL CONSIST OF SOUND, NON-DEGRADABLE LIMESTONE OR SANDSTONE WITH A MAXIMUM SIZE OF 3’-0”. AT LEAST 50% (BY WEIGHT) OF THE ROCK SHALL BE UNIFORMLY DISTRIBUTED BETWEEN 1’-0” AND 3’-0” IN DIAMETER, AND NO GREATER THAN 10% (BY WEIGHT) SHALL BE LESS THAN 2” IN DIAMETER. THE MATERIAL SHALL BE ROUGHLY EQUIDIMENSIONAL; THIN, SLABBY MATERIALS WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL BE REQUIRED TO PROCESS THE MATERIAL WITH AN ACCEPTABLE MECHANICAL MEANS (A SCREENING PROCESS CAPABLE OF PRODUCING THE REQUIRED GRADATION). THE ROCK SHALL BE APPROVED BY A REPRESENTATIVE OF THE DIVISION OF MATERIALS AND TESTS BEFORE USE.

(2) THIS GRADED SOLID ROCK MATERIAL SHALL BE PLACED IN LAYERS NOT EXCEEDING FIVE FEET IN DEPTH.

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.

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

(7) ALL SIGNS MARKED “TO BE REMOVED” ARE TO BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER ITEM NO. 713-15.36 AND BECOME THE PROPERTY OF THE CONTRACTOR.

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

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

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

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

1/30/2026 2:09:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2018	HPP/NH-28 (37)	2C1
PIH	2025	HPP/NH-28 (37)	2C1

CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ERECTION.

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

TRAFFIC CONTROL DIRECTIONAL SIGNING

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

(1) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.

(2) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.

(3) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.

(4) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.

(5) USE OF BARRICADES, PORTABLE BARRIER RAILS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

(6) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

(7) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

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

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL
NOTES

1/30/2026 2:09:53 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002C1.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2018	HPP/NH-28 (37)	2D
PIH	2025	HPP/NH-28 (37)	2D

SPECIAL NOTES

GRADING

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

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

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

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

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

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL
NOTES

1/30/2026 2:10:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002D.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2018	HPP/NH-28 (37)	2C2
PIH	2025	HPP/NH-28 (37)	2E

ENVIRONMENTAL NOTES

SUBSECTION 1 – ENVIRONMENTAL GENERAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

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

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

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

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

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

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

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

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

(9) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS PRIOR TO ANY CONSTRUCTION AND MAINTENANCE ACTIVITIES TO ENSURE THAT ENVIRONMENTAL FEATURES (E.G., STREAMS, WETLANDS, SPRINGS, ETC.) ARE NOT IMPACTED BEYOND PERMITTED LOCATIONS. IF THE CONTRACTOR OR TDOT INSPECTOR IS UNSURE OF THE IDENTITY OF AN ENVIRONMENTAL FEATURE, THE INSPECTOR SHALL CONTACT THE TDOT REGION ENVIRONMENTAL TECH GROUP IMMEDIATELY.

SPECIES

.

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

(11) SHOULD CLIFF SWALLOW OR BARN SWALLOW NESTS, EGGS, OR BIRDS (YOUNG AND ADULTS) BE PRESENT, THE CONTRACTOR SHALL CONTACT THE REGIONAL ECOLOGY OFFICE TO DETERMINE IF SEASONAL RESTRICTIONS WILL BE NECESSARY. GENERALLY, BIRDS, NESTS, AND EGGS MAY NOT BE DISTURBED BETWEEN APRIL 15 AND JULY 31. FROM AUGUST 1 TO APRIL 14, NESTS CAN BE REMOVED OR DESTROYED SO LONG AS BIRDS OR EGGS ARE NOT PRESENT, AND MEASURES IMPLEMENTED TO PREVENT FUTURE NEST BUILDING AT THE SITE (I.E., CLOSING OFF AREA USING NETTING).

(12) IF THE REMOVAL OF ANY TREES WITH A DIAMETER AT BREAST HEIGHT (DBH) GREATER THAN 3 INCHES IS DEEMED NECESSARY THE TDOT SUPERVISOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION, ECOLOGY SECTION IMMEDIATELY.

PERMITS, PLANS & RECORDS

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

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

(15) IF A CHANGE IN PROJECT SCOPE OCCURS DURING CONSTRUCTION, INCLUDING VALUE ENGINEERING, THE TDOT PERMIT SECTION SHALL BE CONTACTED TO DETERMINE WHETHER PERMIT REVISIONS ARE NEEDED. THE ROADWAY DESIGN DIVISION SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.

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

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

SUPPORT ACTIVITIES

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

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.

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL
NOTES

1/30/2026 2:11:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002E.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2018	HPP/NH-28 (37)	2D
PIH	2025	HPP/NH-28 (37)	2E1

SUBSECTION 2 – ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

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

ECOLOGY

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

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

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

PROJECT COMMITMENTS

(5) SEE PROJECT COMMITMENTS, SHEET 1B FOR DETAILS RELATING TO SPECIAL ENVIRONMENTAL COMMITMENTS REQUIRED BY THIS PROJECT.

SCOPE OF WORK

(6) NEW ALIGNMENT FOR SR28, GRADE, DRAIN, PAVE, AND SIGNS. NO MORE THAN 50 ACRES SHALL BE DISTURBED AT ONE TIME.

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL
NOTES

IB-17-09_12_13&14
1/30/2026 2:11:44 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002E1.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	2E
PIH	2025	HPP/NH-28 (37)	2F

REMOVAL OF STRUCTURES TABLE NO.1

SHEET NO.	STATION FROM	STATION TO	LOCATION LT	LOCATION RT	DESCRIPTION	REMOVAL OF PIPE (12") 202-02.01 (LF)	REMOVAL OF PIPE (15") 202-02.02 (LF)	REMOVAL OF PIPE (18") 202-02.03 (LF)	REMOVAL OF PIPE (24") 202-02.04 (LF)	REMOVAL OF STRUCTURES AND OBSTRUCT. (JUNCT. BOX) 202-01 (EACH)	REMOVAL OF STRUCTURES AND OBSTRUCT. (ENDWALLS) 202-01 (EACH)
4	433+64	434+15	X		CMP CROSS DRAIN			56			1
4	437+21	437+50	X		CMP SIDE DRAIN	29					
4	440+07	440+27	X		RCP SIDE DRAIN	20					
4	440+94	441+14	X		CMP SIDE DRAIN			20			
4	24+27	24+67		X	CMP SIDE DRAIN	38					
4	24+56	24+68	X	X	CMP CROSS DRAIN	27					
5	443+82	444+00	X		CMP SIDE DRAIN	18					
5	445+52	445+72	X		CMP SIDE DRAIN		20				
5	448+15	448+54	X		CMP SIDE DRAIN			39			
5	452+75	453+16	X		CMP SIDE DRAIN			41			
5	35+87	36+28		X	HDPE SIDE DRAIN			41			
5	36+15	36+59	X		CMP SIDE DRAIN	44					
5	37+52	37+92	X	X	CMP SIDE DRAIN	41					
6	453+91	454+30	X		CMP CROSS DRAIN		40				
6	454+77	454+97	X		CMP SIDE DRAIN		20				
6	457+32	457+52	X		CMP SIDE DRAIN		20				
6	45+94		X	X	CMP CROSS DRAIN			21			
6	46+75	46+95		X	CMP SIDE DRAIN	21					
6	463+41	463+65	X		CMP SIDE DRAIN		24				
6	466+74	466+99	X		CMP SIDE DRAIN		26				
7	467+25	467+54	X		CMP SIDE DRAIN			40			
7	467+48	467+88	X		CMP SIDE DRAIN		40				
7	471+97	471+99	X		CMP CROSS DRAIN			45			
7	476+85	476+93	X		CMP CROSS DRAIN			54			
8	483+31	483+62	X		CMP SIDE DRAIN			31			
8	483+95	484+34	X		CMP CROSS DRAIN			39			
8	484+14	484+24	X		CMP SIDE DRAIN	19					
8	484+32	484+50	X	X	CMP SIDE DRAIN	157					
8	486+45	486+49	X		CMP CROSS DRAIN				59		
8	491+96	491+99	X		CMP CROSS DRAIN			40			
9	492+90	493+21	X		CMP SIDE DRAIN			31			
9	497+17		X		CMP CROSS DRAIN			42			
9	497+48	498+05	X		CMP SIDE DRAIN			58			
9	500+73	501+13	X		CMP SIDE DRAIN	40					
9	500+94	501+14	X		CMP SIDE DRAIN	20					
9	501+29	501+69	X		CMP SIDE DRAIN			40			
9	502+70	502+95	X		CMP SIDE DRAIN		25				
9	505+56	505+67		X	CMP CROSS DRAIN		16				
9	505+52	505+82	X		CMP SIDE DRAIN		30				
10	506+73	506+82	X		CMP CROSS DRAIN			26			
10	506+82		X		JUNCTION BOX					1	
10	506+82	506+86	X		CMP CROSS DRAIN	45					
10	507+34	507+54	X		CMP SIDE DRAIN		20				
10	509+11	509+90	X		CMP CROSS DRAIN		80				
10	509+56	510+03		X	CMP CROSS DRAIN		50				
10	510+09	510+40	X		CMP SIDE DRAIN	31					
10	510+27	510+56	X		CMP SIDE DRAIN			29			
10	512+00	512+40	X		CMP SIDE DRAIN		39				
10	514+30	514+32	X		CMP CROSS DRAIN			43			
11	519+58	519+85	X		CMP SIDE DRAIN		27				
11	522+44	522+63	X		CMP SIDE DRAIN			20			
11	526+27	526+47	X		CMP SIDE DRAIN		20				
12	532+35		X		CMP CROSS DRAIN			47			
12	535+12	535+50	X		CMP SIDE DRAIN		36				
12	538+01	538+20	X		CMP SIDE DRAIN	19					
TABLE NO.1-SUBTOTAL						569	533	803	59	1	1

REMOVAL OF STRUCTURES TABLE NO.2

SHEET NO.	STATION FROM	STATION TO	LOCATION LT	LOCATION RT	DESCRIPTION	REMOVAL OF PIPE (12") 202-02.01 (LF)	REMOVAL OF PIPE (15") 202-02.02 (LF)	REMOVAL OF PIPE (18") 202-02.03 (LF)	REMOVAL OF PIPE (24") 202-02.04 (LF)	REMOVAL OF STRUCTURES AND OBSTRUCT. (JUNCT. BOX) 202-01 (LS)	REMOVAL OF STRUCTURES AND OBSTRUCT. (ENDWALLS) 202-01 (LS)
12	541+17		X		JUNCTION BOX						
12	541+17	541+56	X		CMP SIDE DRAIN		38				
13	101+38	101+71		X	CMP SIDE DRAIN		40				
13	546+55		X		CMP SIDE DRAIN		40				
13	549+86	550+06	X		CMP SIDE DRAIN	20					
13	556+11	556+57	X		CMP SIDE DRAIN		46				
14	562+00	562+03	X		CMP CROSS DRAIN			50			
14	565+20		X		CMP CROSS DRAIN		47				
14	566+65	566+85	X		CMP SIDE DRAIN		20				
14	567+57	567+76	X		CMP SIDE DRAIN		19				
14	103+61	103+89	X		CMP SIDE DRAIN			28			
15	571+42	571+78	X		CMP CROSS DRAIN			36			
15	572+80	572+88		X	CMP SIDE DRAIN	21					
15	573+31	573+63	X		CMP SIDE DRAIN		32				
15	575+74	576+07	X		CMP SIDE DRAIN			34			
15	576+98	577+01	X		CMP CROSS DRAIN		36				
15	577+54	577+83	X		CMP SIDE DRAIN			29			
15	577+67	577+83	X		CMP SIDE DRAIN		16				
15	581+20	580+04R2	X		CMP SIDE DRAIN	20					
15	580+85R2	581+24R2	X		CMP CROSS DRAIN	39					
15	126+70	126+89		X	CMP SIDE DRAIN	20					
16	586+66R2	586+97R2	X		CMP SIDE DRAIN			30			
16	586+99R2		X		CMP CROSS DRAIN			37			1
16	590+01R2		X		CMP CROSS DRAIN			37			1
TABLE NO.2-SUBTOTAL						120	333	281	0	0	2

REMOVAL OF STRUCTURES TOTALS	REMOVAL OF PIPE (12") 202-02.01 (LF)	REMOVAL OF PIPE (15") 202-02.02 (LF)	REMOVAL OF PIPE (18") 202-02.03 (LF)	REMOVAL OF PIPE (24") 202-02.04 (LF)	REMOVAL OF STRUCTURES AND OBSTRUCT. (JUNCT. BOX) 202-01 (LS)	REMOVAL OF STRUCTURES AND OBSTRUCT. (ENDWALLS) 202-01 (LS)
	689	866	1084	59	1	3

REMOVAL OF BUILDINGS AND OBSTRUCTIONS DESCRIPTION BLOCK

PAY ITEM	TRACT NO.	DESCRIPTION
202-01	72	SHED
202-01	64	ABANDONED BUILDING
202-01	65	HOME
202-01	5	GARAGE
202-01	6	HOME WITH SEPTIC AND WELL AND SHED
202-01	7	HOME WITH SEPTIC AND GARAGE AND SHEDS
202-01	38	HOME WITH SEPTIC AND SHED
202-01	58	HOME WITH SEPTIC AND WELL AND SHED
202-01	62	HOME AND GARAGE AND SHED
202-01	9A	HOME AND SHEDS AND SEPTIC
202-01	19	TWO HOMES WITH SEPTIC AND SHEDS AND BARN AND WELL HOUSE
202-01	26	HOME WITH SEPTIC AND GARAGE AND SHOP AND 2 SHEDS
202-01	35	HOME WITH SEPTIC AND WELL AND BARN AND 2 SHEDS
202-01	49	HOME WITH SEPTIC AND SHED AND PORTABLE BUILDINGS
202-01	51	HOME WITH SEPTIC AND SHED AND PORTABLE BUILDINGS
202-01	66	3 TRAILERS AND HOME AND SHEDS AND BARN AND ABANDONED TRAILER
202-01	15	HOME AND SEPTIC AND CHICKEN HOUSE
202-01	30	HOME WITH SEPTIC AND GARAGE
202-01	79	BUSINESS BUILDING WITH SEPTIC

NO ADDITIONAL COMPENSATION WILL BE MADE FOR THESE REMOVALS.

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

1/30/2026 2:12:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002F.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	2E1
PIH	2025	HPP/NH-28 (37)	2F1

CROSS DRAIN TABULATION

STATION	SKEW	RCP CLASS III OR CMP 10 GA OR PVC OR SRTRP OR HDPE OR PP FILL HEIGHT ≤ 16 FT. (L.F.)						END TREATMENT				REMARKS
								INLET		OUTLET		
		18"	24"	30"	36"	42"	48"	TYPE	DRAWING NO.	TYPE	DRAWING. NO.	
432+33.00	126º 06' 18"				100			"U"	36A,36B	"U"	36A, 36B	SR-28
471+98.00	90º 00' 00"	113						"U"	18A, 18B	"U"	18A, 18B	SR-28
477+00.00	85º 32' 12"		117					"U"	24A, 24B	"U"	24A, 24B	SR-28
486+84.00	76º 10' 31"	144						"U"	18A, 18B	"U"	18A, 18B	SR-28
497+30.00	74º 01' 24"	149						"U"	18A, 18B	"U"	18A, 18B	SR-28
503+75.00	90º 00' 00"		97					"U"	24A, 24B	"U"	24A, 24B	SR-28
532+65.00	90º 00' 00"		98					"U"	24A, 24B	"U"	24A, 24B	SR-28
547+00.00	90º 00' 00"			88				"U"	30A, 30B	"U"	30A, 30B	SR-28
562+45.00			135					"U"	24A, 24B	"U"	24A, 24B	SR-28
579+80.00	90º 00' 00"		79					"U"	24A, 24B	"U"	24A, 24B	SR-28
584+00.00	66º 02' 58"				134			"U"	36A,36B	"U"	36A, 36B	SR-28
589+53.00	116º 47' 01"	154						"U"	18A, 18B	"U"	18A, 18B	SR-28
27+50.00	90º 00' 00"	44						"U"	18A, 18B	"U"	18A, 18B	OLD ELMORE ROAD
38+94.00	90º 00' 00"	78						"U"	18A, 18B	"U"	18A, 18B	BEAR CREEK ROAD SOUTH
45+95.00	90º 00' 00"					35		"U"	42A, 42B	"U"	42A, 42B	HINDS ROAD
69+00.00	90º 00' 00"	33						"U"	18A, 18B	"U"	18A, 18B	SHELBY ROAD
89+14.00	90º 00' 00"	37						"U"	18A, 18B	"U"	18A, 18B	WINDSWEPT DRIVE
83+35.00	90º 00' 00"	41						"U"	18A, 18B	"U"	18A, 18B	J.K. BOWMAN LANE
101+25.00	90º 00' 00"			61				"U"	30A, 30B	"U"	30A, 30B	ATKINS ROAD
10+76.62	90º 00' 00"						34	"U"	48A, 48B	"U"	48A, 48B	FRONTAGE ROAD
122+50.00	90º 00' 00"	82						"U"	18A, 18B	"U"	18A, 18B	BEATY ROAD
154+78.47	90º 00' 00"		63					"U"	24A, 24B	"U"	24A, 24B	DIDDEN LOOP
TOTALS		875	589	149	234	35	34					

Pipe Tabulation For Arterial Roadways

RIGHT OF WAY MARKERS

SHEET NO.	Item #: 708-02.01 QUANTITIES "A"	"B"	"C"	TOTALS
4	2	1	5	8
5	4		1	5
6	3		2	5
7	5			5
8	2		2	4
9	1	1	4	6
10	2		4	6
11	2			2
12	2			2
13	2	2	5	9
14			1	7
15	1		4	5
16	2		1	3
				0
				0
TOTALS	28	4	29	67

ESTIMATED GRADING QUANTITIES

DESCRIPTION	UNADJUSTED VOLUMES (CY) EXC.	EMB.	ADJUSTED VOLUMES (CY) EXC.
MAINLINE	208705	185787	177400
SIDE ROADS	50405	22313	42845
TOPSOIL (EMB.)			
TOPSOIL (EXC.)	45489		
TOPSOIL TOTALS (SEE TOPSOIL TABLE)			

ROCK (C.Y.) EXC.	EMB.	TOTALS (C.Y.) EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
0	0	304599	208100	304599	259110	220244

BALANCE SUMMARY

SHRINK = 15 % SWELL = 15 %

EXC.		EMB.
220244	VS.	-208100
AVAILABLE	=	12144
WASTE MATERIAL	=	13966

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.
1704435.6	26287	0	26287	31564	26287	5277	0

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

1/30/2026 2:12:45 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002F1.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	2E2
PIH	2025	HPP/NH-28 (37)	2F2

CROSS DRAIN \ MEDIAN DRAIN ENDWALLS

LOCATION	STATION	OFFSET (FT.)	SKEW	TYPE	STANDARD DRAWING NO.	RIP-RAP CLASS A1 709-05.06 (TON)	GEOTEXTILE TYPE III 740-10.03 (S.Y.)	SAFETY ENDWALLS (ITEM NO. 611-07.54 THRU 611-07.71 SERIES)										
								18 IN. 3:1 611-07.54 (EACH)	18 IN. 4:1 611-07.55 (EACH)	18 IN. 6:1 611-07.56 (EACH)	24" IN. 4:1 611-07.58 (EACH)	24" IN. 6:1 611-07.59 (EACH)	30" IN. 3:1 611-07.60 (EACH)	30" IN. 6:1 611-07.62 (EACH)	36" IN. 4:1 611-07.64 (EACH)	36" IN. 6:1 611-07.65 (EACH)	42" IN. 3:1 611-07.66 (EACH)	48" IN. 3:1 611-07.69 (EACH)
SR-28	431+77.61	75.95	126° 06' 18"	U	D-PE-36A	5	11									1		
SR-28	432+36.53	-4.86	126° 06' 18"	U	D-PE-36A											1		
SR-28	471+98.00	83	90° 00' 00"	U	D-PE-18A					1								
SR-28	471+98.00	-30	90° 00' 00"	U	D-PE-18A					1								
SR-28	476+97.58	-30.91	85° 32' 12"	U	D-PE-24A						1							
SR-28	477+06.72	85.74	85° 32' 12"	U	D-PE-24A						1							
SR-28	486+74.45	-38.84	76° 10' 31"	U	D-PE-18A				1									
SR-28	487+08.85	100.99	76° 10' 31"	U	D-PE-18A				1									
SR-28		-24.03	74° 01' 24"	U	D-PE-18A					1								
SR-28	497+64.13	119.21	74° 01' 24"	U	D-PE-18A	2	6		1									
SR-28	503+75.00	86	90° 00' 00"	U	D-PE-24A	2	6				1							
SR-28	503+75.00	-11	90° 00' 00"	U	D-PE-24A						1							
SR-28	532+65.00	80	90° 00' 00"	U	D-PE-24A							1						
SR-28	532+65.00	-18	90° 00' 00"	U	D-PE-24A	2	6					1						
SR-28	547+00.00	82.7	90° 00' 00"	U	D-PE-30A	4	9							1				
SR-28	547+00.00	-5.3	90° 00' 00"	U	D-PE-30A									1				
SR-28	562+39.31	-21.25	75° 00' 00"	U	D-PE-24A	2	6				1							
SR-28	562+74.25	109.15	75° 00' 00"	U	D-PE-24A						1							
SR-28	579+80.00	75	90° 00' 00"	U	D-PE-24A	2	6					1						
SR-28	579+80.00	4	90° 00' 00"	U	D-PE-24A							1						
SR-28	583+89.00	-23.76	66° 02' 58"	U	D-PE-36A											1		
SR-28	584+43.84	98.7	66° 02' 58"	U	D-PE-36A	5	11								1			
SR-28	588+98.87	109.13	116° 47' 01"	U	D-PE-18A	4	8				1							
SR-28	589+67.49	-28.55	116° 47' 01"	U	D-PE-18A							1						
OLD ELMORE RD.	27+50.00	24	90° 00' 00"	U	D-PE-18A	2	6	1										
OLD ELMORE RD.	27+50.00	-20	90° 00' 00"	U	D-PE-18A			1										
BEAR CREEK RD. S.	38+94.00	38	90° 00' 00"	U	D-PE-18A			1										
BEAR CREEK RD. S.	38+94.00	-40	90° 00' 00"	U	D-PE-18A	2	6	1										
HINDS RD.	45+95.00	17	90° 00' 00"	U	D-PE-42A												1	
HINDS RD.	45+95.00	-18	90° 00' 00"	U	D-PE-42A	4	9										1	
SHELBY ROAD	69+00.00	16	90° 00' 00"	U	D-PE-18A			1										
SHELBY ROAD	69+00.00	-17	90° 00' 00"	U	D-PE-18A	2	6	1										
J.K. BOWMAN LANE	83+35.00	22	90° 00' 00"	U	D-PE-18A	2	6	1										
J.K. BOWMAN LANE	83+35.00	-19	90° 00' 00"	U	D-PE-18A			1										
WINDSWEPT DRIVE	89+14.00	19	90° 00' 00"	U	D-PE-18A	2	6	1										
WINDSWEPT DRIVE	89+14.00	-18	90° 00' 00"	U	D-PE-18A			1										
ATKINS ROAD	101+25.00	30	90° 00' 00"	U	D-PE-30A								1					
ATKINS ROAD	101+25.00	-31	90° 00' 00"	U	D-PE-30A	2	6						1					
FRONTAGE ROAD	10+76.62	17.59	90° 00' 00"	U	D-PE-48A	5	11											1
FRONTAGE ROAD	10+76.62	-15.49	90° 00' 00"	U	D-PE-48A													1
BEATY ROAD	122+50.00	42	90° 00' 00"	U	D-PE-18A	2	6	1										
BEATY ROAD	122+50.00	-41	90° 00' 00"	U	D-PE-18A			1										
DIDEN LOOP	154+78.47	30.05	90° 00' 00"	U	D-PE-24A							1						
DIDEN LOOP	154+78.47	-32.34	90° 00' 00"	U	D-PE-24A	2	6					1						
TOTALS						53	137	12	3	3	7	7	2	2	1	3	2	2

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

1/30/2026 2:13:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002F2.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	2E3
PIH	2025	HPP/NH-28 (37)	2F3

SIDE DRAIN TABULATION (TABLE NO.1)

STATION	LOCATION		DESCRIPTION	SURFACE WIDTH FT.	SKEW	RCP CLASS III OR CMP 16 GA OR PVC OR SRTRP OR HDPE OR PP (L.F.) FILL HEIGHT ≤ 10 FT.		RCP CLASS III OR CMP 14 GA OR PVC OR SRTRP OR HDPE OR PP (L.F.) FILL HEIGHT > 10 FT. AND ≤ 16 FT			CLASS A CONC. 611-07.01 (EACH)	STEEL BAR REINF. 611-07.02 (EACH)	ENDWALL 6:1 611-07.31 (EACH)	ENDWALL 6:1 611-07.32 (EACH)	END TREATMENT				REMARKS
															INLET		OUTLET		
	LT.	RT.				18"	24"	18"	24"	36"			18"	24"	TYPE	DRAWING NO.	TYPE	DRAWING NO.	
434+40.00	X		SR-28 PVT. DR.	12	90º		22							2	U	D-SEW-1A	U	D-SEW-1A	Offset -9'
434+40.00	X		SR-28 PVT. DR.	12	68º		20				4	112			U	D-PEW-1	U	D-PEW-1	Offset -148'
437+08.00	X		SR-28 PVT. DR.	12	90º	27							2		U	D-SEW-1A	U	D-SEW-1A	Offset -9'
437+08.00	X		SR-28 PVT. DR.	12	90º	20					2	52	2		U	D-PEW-1	U	D-PEW-1	Offset -63'
440+16.00		X	SR-28 PVT. DR.	12	90º	24					2	52			U	D-PEW-1	U	D-PEW-1	
443+70.00	X		SR-28 BUS. ENT.	24	90º	33							2		U	D-SEW-1A	U	D-SEW-1A	
443+70.00		X	SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
445+63.00	X		SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
446+41.00	X		SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
447+56.00	X		SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
448+21.00		X	SR-28 FIELD ENT.	16	90º	31							2		U	D-SEW-1A	U	D-SEW-1A	
449+10.00	X		SR-28 PVT. DR.	12	90º	27							2		U	D-SEW-1A	U	D-SEW-1A	Offset -9'
449+10.00	X		SR-28 PVT. DR.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	Offset -63'
457+91.87	X		SR-28 PVT. DR.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	
462+00.00		X	SR-28 PVT. DR.	12	90º					63									
462+77.00	X		SR-28 FIELD ENT.	16	90º	31							2		U	D-SEW-1A	U	D-SEW-1A	
465+11.78	X		SR-28 PVT. DR.	12	90º	45							2		U	D-SEW-1A	U	D-SEW-1A	
466+87.00	X		SR-28 PVT. DR.	12	90º	21							2		U	D-SEW-1A	U	D-SEW-1A	
467+69.00	X		SR-28 BUS. ENT.	24	90º	33							2		U	D-SEW-1A	U	D-SEW-1A	
467+89.00		X	SR-28 PVT. DR.	12	90º	27							2		U	D-SEW-1A	U	D-SEW-1A	
469+83.00	X		SR-28 PVT. DR.	12	90º		28							2	U	D-SEW-1A	U	D-SEW-1A	
470+95.00	X		SR-28 PVT. DR.	12	90º		40							2	U	D-SEW-1A	U	D-SEW-1A	
474+21.00	X		SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
476+00.00		X	SR-28 PVT. DR.	30	85º		45				4	112			U	D-PEW-1	U	D-PEW-1	
477+35.00	X		SR-28 PVT. DR.	12	85º				30		4	112			U	D-PEW-1	U	D-PEW-1	
479+60.00	X		SR-28 PVT. DR.	12	85º	20					2	52			U	D-PEW-1	U	D-PEW-1	
482+25.00	X		SR-28 PVT. DR.	22	85º	56					2	52			U	D-PEW-1	U	D-PEW-1	
484+27.00	X		SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	Offset -9'
484+27.00	X		SR-28 PVT. DR.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	Offset -128'
489+00.00		X	SR-28 PVT. DR.	12	68º	24							2		U	D-SEW-1A	U	D-SEW-1A	
489+52.00	X		SR-28 PVT. DR.	12	88º	23							2		U	D-SEW-1A	U	D-SEW-1A	
492+44.00	X		SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
501+03.00	X		SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
502+20.00		X	SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
505+67.00	X		SR-28 PVT. DR.	12	86º		20							2	U	D-SEW-1A	U	D-SEW-1A	
509+25.00	X		SR-28 PVT. DR.	12	90º	41							2		U	D-SEW-1A	U	D-SEW-1A	
515+26.00		X	SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
516+83.00		X	SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
518+68.00	X		SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
518+90.00		X	SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
521+17.00	X		SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	Offset -9'
521+17.00	X		SR-28 PVT. DR.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	Offset -66'
523+48.00		X	SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
525+40.00	X		SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
526+15.15	X		SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
527+25.00		X	SR-28 PVT. DR.	30	90º	47							2		U	D-SEW-1A	U	D-SEW-1A	
530+28.00	X		SR-28 PVT. DR.	12	76º		46							2	U	D-SEW-1A	U	D-SEW-1A	
536+17.00		X	SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
537+14.00	X		SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
541+27.00		X	SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
548+05.00	X		SR-28 PVT. DR.	12	90º		40							2	U	D-SEW-1A	U	D-SEW-1A	
558+18.00	X		SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
SUBTOTALS						1171	261	0	30	63	28	752	70	12					

Pipe Tabulation For Private Drives, Business & Field Entrances

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

1/30/2026 2:13:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002F3.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	2E4
PIH	2025	HPP/NH-28 (37)	2F4

SIDE DRAIN TABULATION (TABLE NO.2)

STATION	LOCATION		DESCRIPTION	SURFACE WIDTH FT.	SKEW	RCP CLASS III OR CMP 16 GA OR PVC OR SRTRP OR HDPE OR PP (L.F.) FILL HEIGHT ≤ 10 FT.		RCP CLASS III OR CMP 14 GA OR PVC OR SRTRP OR HDPE OR PP (L.F.) FILL HEIGHT > 10 FT. AND ≤ 16 FT			CLASS A CONC. 611-07.01 (EACH)	STEEL BAR REINF. 611-07.02 (EACH)	ENDWALL 6:1 611-07.31 (EACH)	ENDWALL 6:1 611-07.32 (EACH)	END TREATMENT				REMARKS
															INLET		OUTLET		
	LT.	RT.				18"	24"	18"	24"	36"			18"	24"	TYPE	DRAWING NO.	TYPE	DRAWING NO.	
559+64.00	X		SR-28 PVT. DR.	12	90º	23							2		U	D-SEW-1A	U	D-SEW-1A	
560+06.00		X	SR-28 PVT. DR.	12	64º	29							2		U	D-SEW-1A	U	D-SEW-1A	Offset 80'
560+06.00		X	SR-28 PVT. DR.	12	90º	20							2		U	D-SEW-1A	U	D-SEW-1A	Offset 160'
564+29.00	X		SR-28 FIELD ENT.	16	84º	20							2		U	D-SEW-1A	U	D-SEW-1A	
565+00.00		X	SR-28 PVT. DR.	12	90º	53							2		U	D-SEW-1A	U	D-SEW-1A	
567+35.00		X	SR-28 PVT. DR.	12	90º	47							2		U	D-SEW-1A	U	D-SEW-1A	
570+20.00		X	SR-28 PVT. DR.	12	86º	35							2		U	D-SEW-1A	U	D-SEW-1A	
572+57.00	X		SR-28 PVT. DR.	12	90º	41							2		U	D-SEW-1A	U	D-SEW-1A	
573+46.00	X		SR-28 PVT. DR.	12	90º	47							2		U	D-SEW-1A	U	D-SEW-1A	
575+90.00	X		SR-28 PVT. DR.	12	90º	47							2		U	D-SEW-1A	U	D-SEW-1A	
577+92.00		X	SR-28 PVT. DR.	12	90º	29							2		U	D-SEW-1A	U	D-SEW-1A	
580+85.92	X		SR-28 PVT. DR.	12	85º	23							2		U	D-SEW-1A	U	D-SEW-1A	
584+69.41	X		SR-28 PVT. DR.	12	85º	20					2	52			U	D-PEW-1	U	D-PEW-1	
585+05.98		X	SR-28 BUS. ENT.	24	90º	40					2	52			U	D-PEW-1	U	D-PEW-1	
585+20.98	X		SR-28 PVT. DR.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	
586+83.71	X		SR-28 PVT. DR.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	
588+57.00	X		SR-28 PVT. DR.	12	85º	20					2	52			U	D-PEW-1	U	D-PEW-1	
589+13.00	X		SR-28 PVT. DR.	24	85º			30			2	52			U	D-PEW-1	U	D-PEW-1	Offset 37'
589+13.00	X		SR-28 PVT. DR.	24	85º	30					2	52			U	D-PEW-1	U	D-PEW-1	Offset 173'
589+24.98		X	SR-28 BUS. ENT.	24	81º	44					2	52			U	D-PEW-1	U	D-PEW-1	
590+56.00	X		SR-28 BUS. ENT.	20	90º	31													
24+43.00		X	OLD ELMORE BUS. ENT.	24	90º	34							2		U	D-SEW-1A	U	D-SEW-1A	
24+87.00	X		OLD ELMORE PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
26+57.00		X	OLD ELMORE BUS. ENT.	24	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
27+00.00	X		OLD ELM. ROAWAY TIE-IN	20	90º	36							2		U	D-SEW-1A	U	D-SEW-1A	
36+24.00		X	BEAR CREEK S. PVT. DR.	24	90º	32							2		U	D-SEW-1A	U	D-SEW-1A	
36+29.00	X		BEAR CREEK S. PVT. DR.	12	90º	20							2		U	D-SEW-1A	U	D-SEW-1A	
46+76.00	X		HINDS PVT. DR.	12	90º	28							2		U	D-SEW-1A	U	D-SEW-1A	
61+81.00		X	BUCK LN. PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
62+40.00	X		BUCK LN. PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
63+55.00	X		BUCK LN. PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
64+55.00	X		BUCK LN. PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
67+06.50	X		SHELBY PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
68+20.00	X		SHELBY PVT. DR.	12	90º	22							2		U	D-SEW-1A	U	D-SEW-1A	
81+50.00	X		J.K. BOWMAN PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
81+60.00		X	J.K. BOWMAN PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
82+82.00		X	J.K. BOWMAN PVT. DR.	12	90º	28							2		U	D-SEW-1A	U	D-SEW-1A	
86+29.00	X		WINDWEPT PVT. DR.	12	80º	20							2		U	D-SEW-1A	U	D-SEW-1A	
86+44.00		X	WINDWEPT PVT. DR.	12	80º	39							2		U	D-SEW-1A	U	D-SEW-1A	
91+75.00		X	ASHMOR PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
91+80.00	X		ASHMOR PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
101+55.00		X	ATKINS PVT. DR.	12	80º	36							2		U	D-SEW-1A	U	D-SEW-1A	
103+76.00	X		BEAR CREEK N. PVT. DR.	12	85º	20							2		U	D-SEW-1A	U	D-SEW-1A	
121+43.00		X	BEATY PVT. DR.	12	83º	44							2		U	D-SEW-1A	U	D-SEW-1A	
123+75.00		X	BEATY PVT. DR.	12	84º	32							2		U	D-SEW-1A	U	D-SEW-1A	
126+42.50		X	BUTTERNUT PVT. DR.	16	90º	28							2		U	D-SEW-1A	U	D-SEW-1A	
126+80.00	X		BUTTERNUT PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
141+59.57		X	N. LOWE PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
142+15.53		X	N. LOWE PVT. DR.	12	90º	24							2		U	D-SEW-1A	U	D-SEW-1A	
151+89.00		X	DIDDEN LOOP BUS. ENT.	16	90º	32							2		U	D-SEW-1A	U	D-SEW-1A	
12+28.99		X	FRONTAGE RD.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	
13+13.98		X	FRONTAGE RD.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	
13+93.90		X	FRONTAGE RD.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	
14+73.82		X	FRONTAGE RD.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	
18+84.84		X	FRONTAGE RD.	12	90º	20					2	52			U	D-PEW-1	U	D-PEW-1	
SUBTOTALS						1526	0	30	0	0	26	676	82	0	Pipe Tabulation For Private Drives, Business & Field Entrances				
TOTALS						2697	261	30	30	63	54	1428	152	12					

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

1/30/2026 2:14:21 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002F4.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	2E5
PIH	2025	HPP/NH-28 (37)	2F5

PAVEMENT QUANTITIES

LOCATION (ROADWAY)	ALTERNATE	TYPE - GRADE - PAY ITEM (TON)												AGGREGATE
		MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX)				PRIME COAT		TACK COAT	ASP. CONC. SURFACE (HOT MIX)				UNDERDRAINS (WITH PIPE)
			PG64-22	PG70-22						PG64-22		PG70-22		
		D	B-M2	A	A-S	B-M2				D	E	D		(LF)
		303-01	307-01.08	307-02.01	307-01.21	307-02.08	402-01	402-02	403-01	411-01.10	411-01.07	411-02.10		710-02
SR-28		71606		14982	13842	9814	131.6	434.3	84.6		6905	5754		35790
Catoosa Ridge Drive		1101	140				1.9	6.2	0.6	82				
Old Elmore Road		2139	274				3.7	12.2	1.1	161				
Bear Creek Road S.		1388	173				2.4	7.7	0.7	102				
Hinds Road		1476	174				2.4	7.8	0.7	102				
Buck Lane		1547	184				2.5	8.2	0.8	108				
Shelby Road		1299	156				2.1	6.9	0.6	91				
J.K. Bowman Lane		1161	140				1.9	6.2	0.6	82				
Windswept Drive		1283	161				2.2	7.2	0.7	94				
Ashmor Drive		1195	153				2.1	6.8	0.6	90				
Atkins Road		926	113				1.6	5.0	0.5	66				
Frontage Road		3242	391				5.3	17.3	1.5	229				
Bear Creek Road N.		2037	250				3.4	11.1	1.0	146				
Beaty Road		1624	201				2.7	8.9	0.8	118				
Butternut Ridge Road		1254	157				2.2	7.0	0.7	92				
N. Lowe Road		567	74				1.0	3.3	0.3	43				
Diden Loop		1263	154				2.1	6.9	0.6	91				
TOTALS		95105	2894	14982	13842	9814	171	563	96	1697	6905	5754		35790

PROPOSED GUARDRAIL

SHEET NO.	LOCATION	SIDE		STATIONS		GUARDRAIL	TERMINAL ANCHORS	REMARKS
		LT	RT	FROM	TO	W BEAM GR (TYPE 2) MASH TL3 705-06.01 (L.F.)	TYPE 38 MASH TL3 (46.875') 705-06.20 (EACH)	
16B/17B	MAINLINE		x	594+50.00	600+00.00	475	2	
TOTALS						475	2	

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

1/30/2026 2:15:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002F5.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	2E6
PIH	2025	HPP/NH-28 (37)	2F6

DRIVEWAY QUANTITIES (TABLE NO.1)

STATION	LOCATION	SIDE		WIDTH	TYPE	MATERIAL		BASE STONE 303-01 (TON)	BINDER 307-01.08 (TON)	ASPHALT 411-01.10 (TON)	TACK COAT 403.01 (TON)	REMARKS
		LT	RT			GRAVEL (SF)	ASPH. (SF)					
434+40.00	SR.28	X		12	PRIVATE	1096	1845	75.4	25.5	14.9	0.09	
437+08.00	SR.28	X		12	PRIVATE	450	1592	54.0	22.0	12.9	0.08	
440+16.00	SR.28		X	12	PRIVATE	1348	789	51.9	10.9	6.4	0.04	
443+70.00	SR.28		X	12	PRIVATE	83	855	25.4	11.8	6.9	0.04	
443+70.00	SR.28	X		24	PRIVATE	98	3047	86.2	42.1	24.7	0.15	
24+43.00	OLD ELMORE ROAD		X	24	BUSINESS		1026	28.3	14.2	8.3	0.05	
24+87.00	OLD ELMORE ROAD	X		12	PRIVATE		803	22.1	11.1	6.5	0.04	
26+57.00	OLD ELMORE ROAD		X	24	BUSINESS		2892	79.7	39.9	23.4	0.14	
27+00.00	OLD ELMORE ROAD	X		20	TIE-IN		1733	47.8	23.9	14.0	0.08	
445+63.00	SR.28	X		12	PRIVATE	376	1546	51.0	21.4	12.5	0.07	
446+41.00	SR.28	X		12	PRIVATE	487	1553	53.7	21.4	12.6	0.07	
447+56.00	SR.28	X		12	PRIVATE	115	1565	45.7	21.6	12.7	0.08	
448+21.00	SR.28	X		12	FIELD	40	777	22.3	10.7	6.3	0.04	
449+10.00	SR.28	X		12	PRIVATE	465	1576	53.9	21.8	12.8	0.08	
450+38.00	SR.28	X		36	BUSINESS	110	4559	128.1	63.0	36.9	0.22	
36+24.00	BEAR CREEK		X	24	PRIVATE		980	27.0	13.5	7.9	0.05	
36+29.00	BEAR CREEK	X		12	PRIVATE		1016	28.0	14.0	8.2	0.05	
457+91.87	SR.28	X		12	PRIVATE	583	1698	59.9	23.5	13.7	0.08	
46+76.00	HINDS	X		12	PRIVATE		1045	28.8	14.4	8.5	0.05	
462+00.00	SR.28		X	12	PRIVATE	1482	1495	74.4	20.6	12.1	0.07	
462+77.00	SR.28	X		16	FIELD	368	2008	63.6	27.7	16.3	0.10	
465+11.78	SR.28	X		12	PRIVATE	3367	1733	123.2	23.9	14.0	0.08	
466+87.00	SR.28	X		12	PRIVATE	928	1833	71.3	25.3	14.8	0.09	
467+69.00	SR.28	X		24	BUSINESS	928	3656	121.6	50.5	29.6	0.18	
467+89.00	SR.28		X	12	PRIVATE	1216	1161	59.2	16.0	9.4	0.06	
469+83.00	SR.28	X		12	PRIVATE	522	1999	66.8	27.6	16.2	0.10	
470+95.00	SR.28	X		12	PRIVATE	116	2045	59.0	28.2	16.6	0.10	
474+21.00	SR.28	X		12	PRIVATE	103	2299	65.7	31.8	18.6	0.11	
476+00.00	SR.28		X	30	PRIVATE	1925	2372	108.5	32.8	19.2	0.11	
476+10.00	SR.28	X		12	PRIVATE	128	2393	68.8	33.0	19.4	0.12	
477+35.00	SR.28	X		12	PRIVATE	956	2405	87.7	33.2	19.5	0.12	
479+60.00	SR.28	X		12	PRIVATE	37	2483	69.3	34.3	20.1	0.12	
482+25.00	SR.28	X		22	PRIVATE	665	4510	139.2	62.3	36.5	0.22	
484+27.00	SR.28	X		12	PRIVATE	719	2521	85.6	34.8	20.4	0.12	
61+81.00	BUCK LANE		X	12	PRIVATE	104	572	18.1	7.9	4.6	0.03	
62+40.00	BUCK LANE	X		12	PRIVATE	1185	591	42.8	8.2	4.8	0.03	
63+55.00	BUCK LANE	X		12	PRIVATE	90	479	15.2	6.6	3.9	0.02	
64+55.00	BUCK LANE	X		12	PRIVATE	172	393	14.7	5.4	3.2	0.02	
489+00.00	SR.28		X	12	PRIVATE	1610	2117	94.4	29.2	17.1	0.10	
489+52.00	SR.28	X		12	PRIVATE	89	2552	72.3	35.2	20.7	0.12	
492+44.00	SR.28	X		12	PRIVATE	465	2536	80.3	35.0	20.5	0.12	
497+87.00	SR.28	X		24	BUSINESS	1203	4702	156.6	64.9	38.1	0.23	
501+03.00	SR.28	X		12	PRIVATE	502	2259	73.5	31.2	18.3	0.11	
502+20.00	SR.28		X	12	PRIVATE	198	978	31.4	13.5	7.9	0.05	
66+78.00	SHELBY ROAD	X		12	PRIVATE	434	482	23.0	6.7	3.9	0.02	
67+06.50	SHELBY ROAD	X		12	PRIVATE	633	521	28.5	7.2	4.2	0.03	
67+13.00	SHELBY ROAD		X	12	PRIVATE	475	581	26.7	8.0	4.7	0.03	
68+20.00	SHELBY ROAD	X		12	PRIVATE	542	622	29.3	8.6	5.0	0.03	
505+67.00	SR.28	X		12	PRIVATE	1236	2074	84.9	28.6	16.8	0.10	
509+25.00	SR.28	X		12	PRIVATE	1186	2055	83.2	28.4	16.6	0.10	
81+50.00	J.K. BOWMAN LANE	X		12	PRIVATE	12	675	18.9	9.3	5.5	0.03	
81+60.00	J.K. BOWMAN LANE		X	12	PRIVATE	368	438	20.3	6.0	3.5	0.02	
SUBTOTALS						**29215**	**90437**	**3148**	**1,249**	**732**	**4.4**	

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

1/30/2026 2:15:31 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002F6.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	2E7
PIH	2025	HPP/NH-28 (37)	2F7

DRIVEWAY QUANTITIES (TABLE NO.2)

STATION	LOCATION	SIDE		WIDTH	TYPE	MATERIAL		BASE STONE 303-01 (TON)	BINDER 307-01.08 (TON)	ASPHALT 411-01.10 (TON)	TACK COAT 403.01 (TON)	REMARKS
		LT	RT			GRAVEL (SF)	ASPH. (SF)					
82+82.00	J.K. BOWMAN LANE		X	12	PRIVATE	745	414	28.1	5.7	3.4	0.02	
91+75.00	ASHMORE DRIVE		X	12	PRIVATE	251	1610	50.0	22.2	13.0	0.08	
91+80.00	ASHMORE DRIVE	X		12	PRIVATE	714	667	34.4	9.2	5.4	0.03	
86+29.00	WINDSWEPT DRIVE	X		12	PRIVATE	269	395	16.9	5.5	3.2	0.02	
515+26.00	SR.28		X	12	PRIVATE	111	706	21.9	9.8	5.7	0.03	
516+83.00	SR.28		X	12	PRIVATE	471	706	30.0	9.8	5.7	0.03	
518+90.00	SR.28		X	12	PRIVATE	303	754	27.6	10.4	6.1	0.04	
518+68.00	SR.28	X		12	PRIVATE	135	1606	47.3	22.2	13.0	0.08	
521+17.00	SR.28	X		12	PRIVATE	414	1627	54.1	22.5	13.2	0.08	
523+48.00	SR.28		X	12	PRIVATE	963	814	44.0	11.2	6.6	0.04	
525+40.00	SR.28	X		12	PRIVATE	690	1711	62.6	23.6	13.9	0.08	
526+15.15	SR.28	X		12	PRIVATE	188	1732	52.0	23.9	14.0	0.08	
527+25.00	SR.28		X	30	PRIVATE	2430	1867	105.9	25.8	15.1	0.09	
530+28.00	SR.28	X		12	PRIVATE	1630	1851	87.5	25.6	15.0	0.09	
536+17.00	SR.28		X	12	PRIVATE	115	1061	31.8	14.7	8.6	0.05	
537+14.00	SR.28	X		12	PRIVATE	195	1965	58.5	27.1	15.9	0.09	
541+27.00	SR.28		X	12	PRIVATE	971	1166	53.9	16.1	9.4	0.06	
101+55.00	ATKINS ROAD		X	12	PRIVATE	595	624	30.5	8.6	5.1	0.03	
12+28.99	FRONTAGE ROAD		X	12	PRIVATE	594	576	29.2	8.0	4.7	0.03	
13+13.98	FRONTAGE ROAD		X	12	PRIVATE	192	493	17.9	6.8	4.0	0.02	
13+93.90	FRONTAGE ROAD		X	12	PRIVATE	27	418	12.1	5.8	3.4	0.02	
14+73.82	FRONTAGE ROAD		X	12	PRIVATE	20	425	12.2	5.9	3.4	0.02	
15+53.74	FRONTAGE ROAD		X	12	PRIVATE	10	435	12.2	6.0	3.5	0.02	
16+57.74	FRONTAGE ROAD		X	12	PRIVATE	600	925	38.9	12.8	7.5	0.04	
17+76.17	FRONTAGE ROAD		X	12	PRIVATE	460	584	26.4	8.1	4.7	0.03	
18+84.84	FRONTAGE ROAD		X	12	PRIVATE	46	882	25.3	12.2	7.1	0.04	
20+00.00	FRONTAGE ROAD		X	12	PRIVATE	662	466	27.7	6.4	3.8	0.02	
20+00.00	FRONTAGE ROAD		X	12	PRIVATE	2718	612	77.8	8.5	5.0	0.03	
548+05.00	SR.28	X		12	PRIVATE	978	2142	81.0	29.6	17.3	0.10	
558+18.00	SR.28	X		12	PRIVATE	96	2185	62.4	30.2	17.7	0.11	
559+53.54	SR.28	X		12	PRIVATE	920	2190	81.0	30.2	17.7	0.11	
560+06.00	SR.28		X	12	PRIVATE		1677	46.2	23.2	13.6	0.08	SHARED DRIVE WITH FRONTAGE ROAD
564+29.00	SR.28	X		12	PRIVATE	1457	2720	107.6	37.6	22.0	0.13	
565+00.00	SR.28		X	12	PRIVATE	817	960	44.8	13.3	7.8	0.05	
567+35.00	SR.28		X	12	PRIVATE	237	940	31.2	13.0	7.6	0.05	
570+20.00	SR.28		X	12	PRIVATE	818	959	44.8	13.2	7.8	0.05	
121+43.00	BEATY ROAD		X	12	PRIVATE	824	1730	66.1	23.9	14.0	0.08	
123+75.00	BEATY ROAD		X	12	PRIVATE	113	604	19.2	8.3	4.9	0.03	
572+57.00	SR.28	X		12	PRIVATE	78	1962	55.8	27.1	15.9	0.09	
573+46.00	SR.28	X		12	PRIVATE	238	1922	58.3	26.5	15.6	0.09	
575+90.00	SR.28	X		12	PRIVATE	860	1840	70.0	25.4	14.9	0.09	
577+92.00	SR.28		X	12	PRIVATE	698	1078	45.4	14.9	8.7	0.05	
580+85.92	SR.28	X		12	PRIVATE	121	1828	53.1	25.2	14.8	0.09	
126+42.50	BUTTERNUT RIDGE RD		X	16	PRIVATE	132	587	19.1	8.1	4.8	0.03	
126+80.00	BUTTERNUT RIDGE RD	X		12	PRIVATE	136	398	14.0	5.5	3.2	0.02	
584+69.41	SR.28	X		12	PRIVATE	114	2057	59.3	28.4	16.7	0.10	
585+05.98	SR.28		X	24	PRIVATE	1763	2174	99.4	30.0	17.6	0.10	
585+20.98	SR.28	X		12	PRIVATE	83	2078	59.1	28.7	16.8	0.10	
586+83.71	SR.28	X		12	PRIVATE	290	2207	67.3	30.5	17.9	0.11	
588+56.98	SR.28	X		12	PRIVATE	54	2226	62.6	30.7	18.0	0.11	
589+13.00	SR.28	X		24	PRIVATE	107	4356	122.5	60.2	35.3	0.21	
589+24.98	SR.28		X	24	BUSINESS	3772	2086	142.0	28.8	16.9	0.10	
SUBTOTALS						**31225**	**69998**	**2629**	**967**	**567**	**3.4**	

DRIVEWAY QUANTITIES (TABLE NO.3)

STATION	LOCATION	SIDE		WIDTH	TYPE	MATERIAL		BASE STONE 303-01 (TON)	BINDER 307-01.08 (TON)	ASPHALT 411-01.10 (TON)	TACK COAT 403.01 (TON)	REMARKS
		LT	RT			GRAVEL (SF)	ASPH. (SF)					
590+56.00	SR.28	X		20	BUSINESS	105	3712	104.7	51.3	30.1	0.18	
141+59.57	N. LOWE ROAD		X	12	PRIVATE	429	338	18.9	4.7	2.7	0.02	
142+15.53	N. LOWE ROAD		X	12	PRIVATE	473	296	18.8	4.1	2.4	0.01	
151+89.00	DIDDEN LOOP		X	16	BUSINESS	1792	441	52.3	6.1	3.6	0.02	
602+00.00			X	12	PRIVATE		530	14.6	7.3	4.3	0.03	TIE TO EXISTING DRIVEWAY PROPOSED BY OTHERS
SUBTOTALS						**2799**	**5317**	**209**	**73**	**43**	**0.3**	

DRIVEWAY QUANTITIES TOTALS	BASE STONE 303-01 (TON)	BINDER 307-01.08 (TON)	ASPHALT 411-01.10 (TON)	TACK COAT 403.01 (TON)
	5986	**2289**	**1342**	**8.1**

PS&E FIELD REVIEW

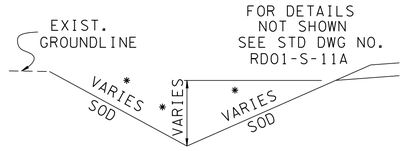
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

1/30/2026 2:16:03 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002F7.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2B
ROW	2020	HPP/NH-28 (37)	2B4
PIH	2025	HPP/NH-28 (37)	2G



PROP. "V" BOTTOM SODDED DITCH

* SEE CROSS-SECTIONS

SR-28

LEFT STA. 432+00.00 TO STA. 432+50.00
LEFT STA. 432+50.00 TO STA. 434+00.00
RIGHT STA. 467+50.00 TO STA. 471+50.00
LEFT STA. 468+50.00 TO STA. 471+50.00
RIGHT STA. 475+50.00 TO STA. 477+00.00
RIGHT STA. 477+00.00 TO STA. 479+50.00
RIGHT STA. 485+00.00 TO STA. 487+11.00
LEFT STA. 487+00.00 TO STA. 490+00.00
RIGHT STA. 487+11.00 TO STA. 490+50.00
LEFT STA. 502+50.00 TO STA. 503+75.00
LEFT STA. 503+75.00 TO STA. 508+50.00
RIGHT STA. 504+00.00 TO STA. 506+00.00
LEFT STA. 508+50.00 TO STA. 511+00.00
RIGHT STA. 532+00.00 TO STA. 532+65.00
RIGHT STA. 532+65.00 TO STA. 533+50.00
LEFT STA. 544+50.00 TO STA. 547+50.00
LEFT STA. 547+50.00 TO STA. 553+50.00
LEFT STA. 562+38.00 TO STA. 564+00.00
LEFT STA. 564+00.00 TO STA. 567+00.00
RIGHT STA. 564+00.00 TO STA. 572+00.00
RIGHT STA. 572+00.00 TO STA. 573+50.00
LEFT STA. 570+50.00 TO STA. 579+80.00
RIGHT STA. 578+00.00 TO STA. 579+80.00
LEFT STA. 579+80.00 TO STA. 581+00.00
RIGHT STA. 579+80.00 TO STA. 584+50.00
LEFT STA. 581+50.00 TO STA. 583+83.00
LEFT STA. 583+83.00 TO STA. 584+50.00
RIGHT STA. 590+50.00 TO STA. 592+00.00

CATOOSA RIDGE

LEFT STA. 21+00.00 TO STA. 22+50.00
RIGHT STA. 21+00.00 TO STA. 23+00.00

OLD ELMORE ROAD

LEFT STA. 23+14.94 TO STA. 23+98.93
RIGHT STA. 23+14.94 TO STA. 24+00.00
RIGHT STA. 27+50.00 TO STA. 29+50.00

BEAR CREEK ROAD (SOUTH)

LEFT STA. 35+66.70 TO STA. 37+00.00
LEFT STA. 38+50.00 TO STA. 38+94.00
RIGHT STA. 35+66.70 TO STA. 39+50.00

HINDS ROAD

LEFT STA. 44+62.00 TO STA. 45+50.00
RIGHT STA. 44+62.00 TO STA. 46+50.00
LEFT STA. 48+00.00 TO STA. 49+50.00
RIGHT STA. 48+00.00 TO STA. 49+50.00

BUCK LANE

LEFT STA. 65+00.00 TO STA. 66+28.00
RIGHT STA. 65+00.00 TO STA. 66+28.00

SHELBY ROAD

LEFT STA. 65+40.00 TO STA. 66+50.00
RIGHT STA. 65+40.00 TO STA. 66+50.00
LEFT STA. 68+50.00 TO STA. 69+50.00
RIGHT STA. 68+50.00 TO STA. 69+50.00

J.K. BOWMAN LANE

LEFT STA. 82+50.00 TO STA. 84+78.13
RIGHT STA. 84+11.46 TO STA. 84+78.13

WINDSWEPT DRIVE

LEFT STA. 86+00.00 TO STA. 87+00.00
LEFT STA. 88+50.00 TO STA. 89+50.00
RIGHT STA. 86+00.00 TO STA. 89+50.00

ASHMOR DRIVE

LEFT STA. 92+00.00 TO STA. 93+75.00
RIGHT STA. 92+00.00 TO STA. 93+75.00

ATKINS ROAD

LEFT STA. 102+50.00 TO STA. 104+12.06
RIGHT STA. 100+50.00 TO STA. 104+12.06

BEAR CREEK ROAD (NORTH)

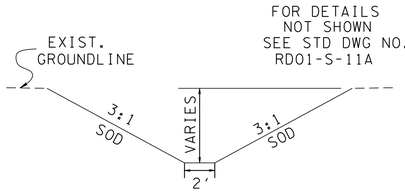
LEFT STA. 103+37.92 TO STA. 104+50.00
RIGHT STA. 103+37.92 TO STA. 104+50.00

BEATY ROAD

LEFT STA. 121+50.00 TO STA. 125+88.15
RIGHT STA. 122+00.00 TO STA. 125+88.15

FRONTAGE ROAD

RIGHT STA. 10+76.62 TO STA. 15+00.00



PROP. FLAT BOTTOM SODDED DITCH

SR-28

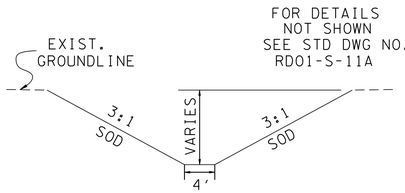
LEFT STA. 471+98.00 TO STA. 471+98.05
LEFT STA. 476+96.40 TO STA. 476+84.35
LEFT STA. 486+71.66 TO STA. 486+45.97
LEFT STA. 532+65.00 TO STA. 532+65.00

BEAR CREEK ROAD (SOUTH)

LEFT STA. 38+94.00 TO STA. 38+80.29

BEATY ROAD

RIGHT STA. 122+45.00 TO STA. 122+52.14



PROP. FLAT BOTTOM SODDED DITCH

FRONTAGE ROAD

LEFT STA. 10+76.62 TO STA. 12+12.20

PS&E
FIELD
REVIEW

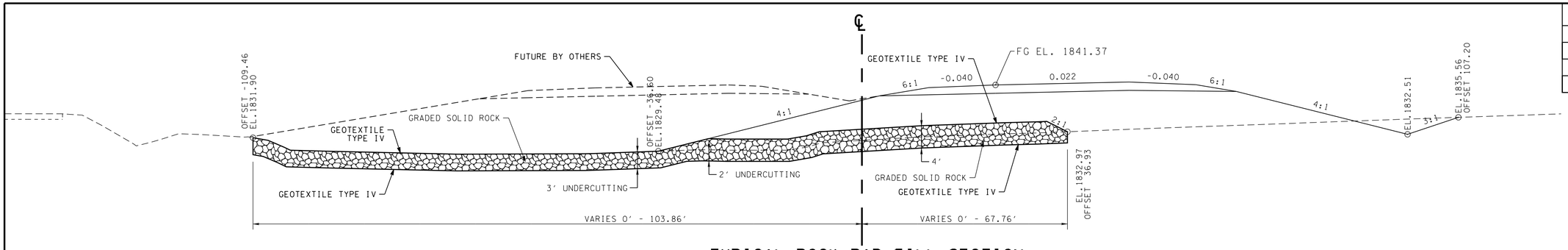
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DETAIL
SHEET

1/30/2026 2:16:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002G.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2C
ROW	2020	HPP/NH-28 (37)	2F
PIH	2025	HPP/NH-28 (37)	2G1



TYPICAL ROCK PAD FILL SECTION
SR-28
WETLAND WTL-5

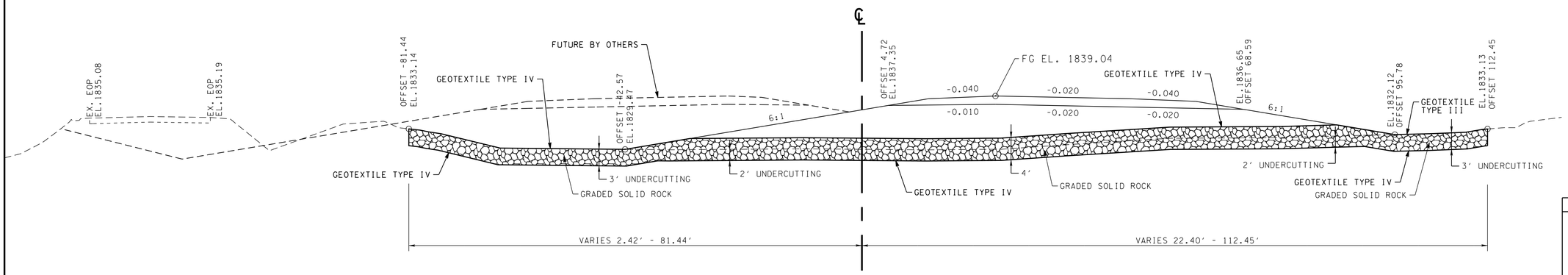
APPROX. STA. 476+20.00 TO STA. 480+04.00

ROCK FILL WTL-5

STATION		WIDTH (FT)		GRADED SOLID ROCK 203-02.01 (TON)	UNDERCUTTING 203-05 (C.Y.)	GEOTEXTILE TYPE III 740-10.03 (S.Y.)	GEOTEXTILE TYPE IV 740-10.04 (S.Y.)	REMARKS
FROM	TO	LT	RT					
476+20.00	476+50.00	0	0	449	248	0	545	SR-28
476+50.00	477+00.00	67.18	0	1,435	525	0	1,477	SR-28
477+50.00	477+50.00	88.48	67.76	2,076	692	0	2,037	SR-28
477+50.00	478+00.00	99.14	56.31	1,969	689	0	1,973	SR-28
478+00.00	478+50.00	109.46	36.93	1,795	653	0	1,830	SR-28
478+50.00	479+00.00	98.56	34.23	1,402	450	0	1,367	SR-28
479+00.00	479+50.00	22.57	52.49	1,111	306	72	963	SR-28
479+50.00	480+00.00	0	90	909	314	109	824	SR-28
479+50.00	480+04.00	0	90	43	19	0	54	SR-28
TOTALS				11,189	3,896	181	11,070	

GRADED SOLID ROCK

BORROW EXCAVATION (GRADED SOLID ROCK) SHALL CONSIST OF THE REMOVAL AND SATISFACTORY PLACEMENT OF SOUND, NON-DEGRADABLE ROCK WITH A MINIMUM SIZE OF THREE FEET (1 M). AT LEAST 50% OF THE ROCK SHALL BE UNIFORMLY DISTRIBUTED BETWEEN 1 FOOT (300 MM) AND THREE FEET (1 M) IN DIAMETER AND NO GREATER THAN 10% SHALL BE LESS THAN 2 INCHES (50 MM) IN DIAMETER. THE MATERIAL SHALL BE ROUGHLY EQUI-DIMENSIONAL IN SHAPE. THIN, SLABBY MATERIAL WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL BE REQUIRED TO PROCESS THE MATERIAL WITH AN ACCEPTABLE MECHANICAL SCREENING PROCESS THAT PRODUCES THE REQUIRED GRADATION. WHEN THE MATERIAL IS SUBJECTED TO FIVE ALTERATIONS OF THE SODIUM SULFATE SOUNDNESS TEST (AASHTO T 104), THE WEIGHTED PERCENTAGE OF LOSS SHALL NOT BE MORE THAN 12. THE MATERIAL SHALL BE APPROVED BY THE ENGINEER BEFORE USE.



TYPICAL ROCK PAD FILL SECTION
SR-28
WETLAND WTL-4

APPROX. STA. 471+30.00 TO STA. 473+05.50

ROCK FILL WTL-4

STATION		WIDTH (FT)		GRADED SOLID ROCK 203-02.01 (TON)	UNDERCUTTING 203-05 (C.Y.)	GEOTEXTILE TYPE III 740-10.03 (S.Y.)	GEOTEXTILE TYPE IV 740-10.04 (S.Y.)	REMARKS
FROM	TO	LT	RT					
471+30.00	471+50.00	2.42	27.96	353	211	38	525	SR-28
471+50.00	472+00.00	70.34	112.05	1,972	942	179	2,269	SR-28
472+00.00	472+50.00	81.44	112.45	2,367	856	87	2,179	SR-28
472+50.00	473+00.00	81.35	72.36	1,784	588	0	1,658	SR-28
473+00.00	473+05.50	77.40	22.40	156	51	0	142	SR-28
TOTALS				6,632	2,648	304	6,773	

PS&E FIELD REVIEW

SEALED BY

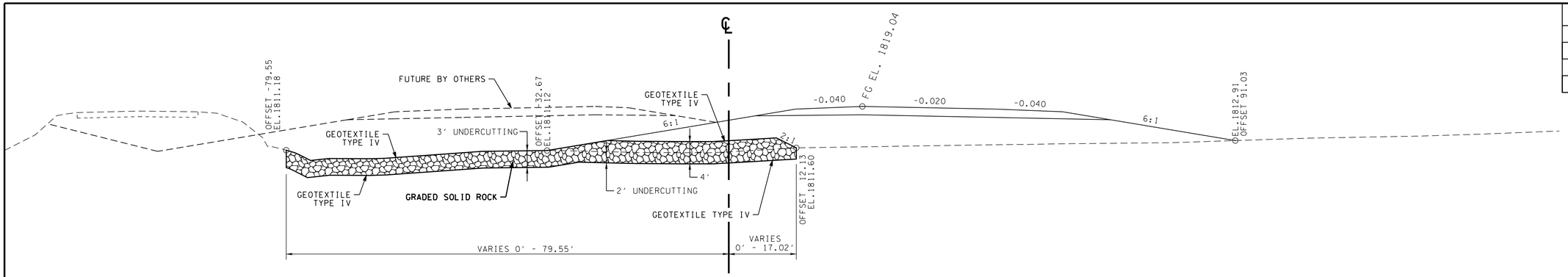
NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROCK FILL DETAIL SHEET

1/30/2026 2:16:42 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002G1.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2C
ROW	2020	HPP/NH-28 (37)	2F1
PIH	2025	HPP/NH-28 (37)	2G2



TYPICAL ROCK PAD FILL SECTION
SR-28
WETLAND WTL-8

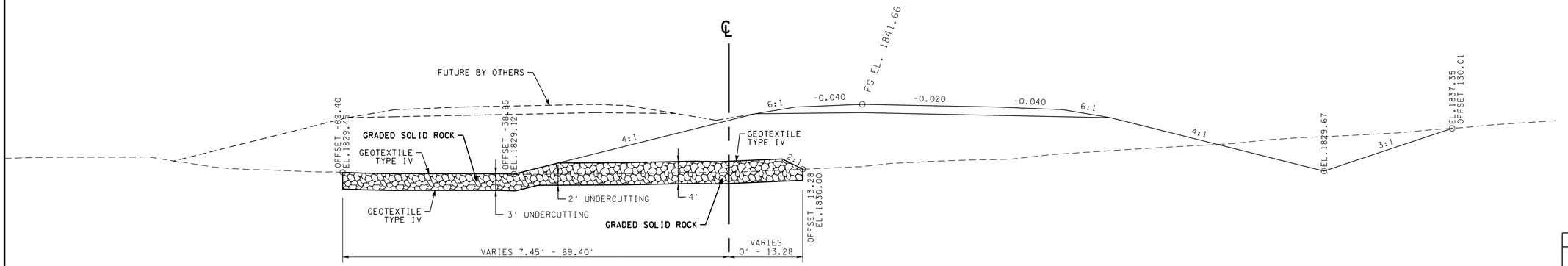
APPROX. STA. 531+14.00 TO STA. 533+54.00

ROCK FILL WTL-8

STATION		WIDTH (FT)		GRADED SOLID ROCK 203-02.01	UNDERCUTTING 203-05	GEOTEXTILE TYPE III 740-10.03	GEOTEXTILE TYPE IV 740-10.04	REMARKS
FROM	TO	LT	RT	(TON)	(C.Y.)	(S.Y.)	(S.Y.)	
531+14.00	531+50.00	0	0	364	137	0	385	SR-28
531+50.00	532+00.00	76.73	3.94	1,082	408	0	1,142	SR-28
532+00.00	532+50.00	79.55	12.13	1,043	382	0	1,088	SR-28
532+50.00	533+00.00	21.62	15.76	580	157	0	571	SR-28
533+00.00	533+50.00	30.13	17.02	828	279	0	842	SR-28
533+50.00	533+54.00	0	0	11	5	0	13	SR-28
TOTALS				**3,908**	**1,368**	**0**	**4,041**	

GRADED SOLID ROCK

BORROW EXCAVATION (GRADED SOLID ROCK) SHALL CONSIST OF THE REMOVAL AND SATISFACTORY PLACEMENT OF SOUND, NON-DEGRADABLE ROCK WITH A MINIMUM SIZE OF THREE FEET (1 M). AT LEAST 50% OF THE ROCK SHALL BE UNIFORMLY DISTRIBUTED BETWEEN 1 FOOT (300 MM) AND THREE FEET (1 M) IN DIAMETER AND NO GREATER THAN 10% SHALL BE LESS THAN 2 INCHES (50 MM) IN DIAMETER. THE MATERIAL SHALL BE ROUGHLY EQUI-DIMENSIONAL IN SHAPE. THIN, SLABBY MATERIAL WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL BE REQUIRED TO PROCESS THE MATERIAL WITH AN ACCEPTABLE MECHANICAL SCREENING PROCESS THAT PRODUCES THE REQUIRED GRADATION. WHEN THE MATERIAL IS SUBJECTED TO FIVE ALTERATIONS OF THE SODIUM SULFATE SOUNDNESS TEST (AASHTO T 104), THE WEIGHTED PERCENTAGE OF LOSS SHALL NOT BE MORE THAN 12. THE MATERIAL SHALL BE APPROVED BY THE ENGINEER BEFORE USE.



TYPICAL ROCK PAD FILL SECTION
SR-28
POND-3

APPROX. STA. 486+40.00 TO STA. 487+04.00

ROCK FILL POND-3

STATION		WIDTH (FT)		GRADED SOLID ROCK 203-02.01	UNDERCUTTING 203-05	GEOTEXTILE TYPE III 740-10.03	GEOTEXTILE TYPE IV 740-10.04	REMARKS
FROM	TO	LT	RT	(TON)	(C.Y.)	(S.Y.)	(S.Y.)	
486+40.00	486+50.00	7.45	0	116	58	0	140	SR-28
486+50.00	487+00.00	51.34	0	831	327	0	895	SR-28
487+00.00	487+04.00	69.40	13.28	87	30	0	95	SR-28
TOTALS				**1,034**	**415**	**0**	**1,130**	

PS&E FIELD REVIEW

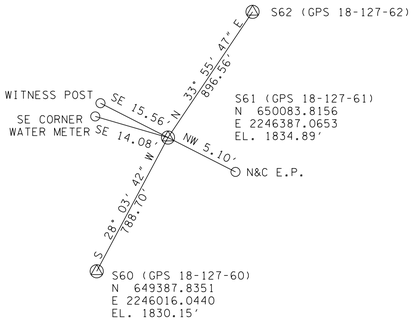
SEALED BY

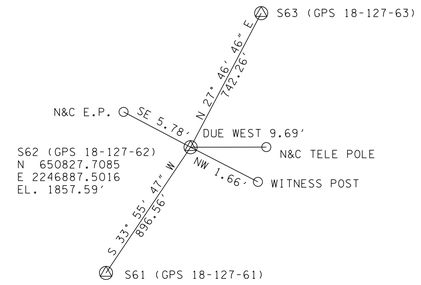
NOT TO SCALE

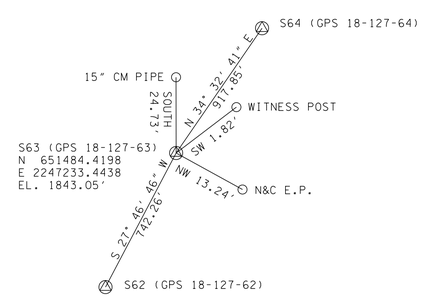
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

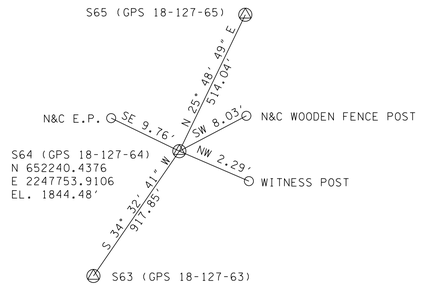
ROCK FILL DETAIL SHEET

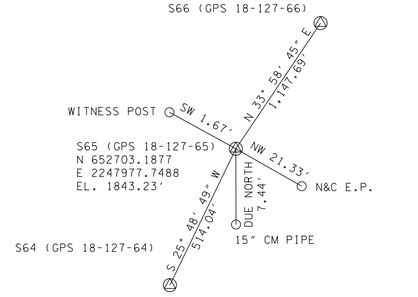
1/30/2026 2:16:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002G2.sht

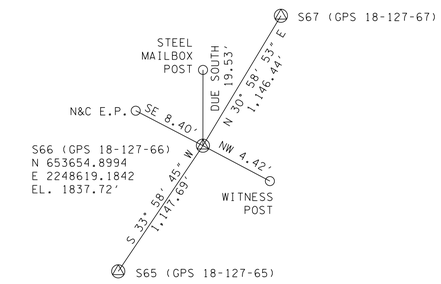


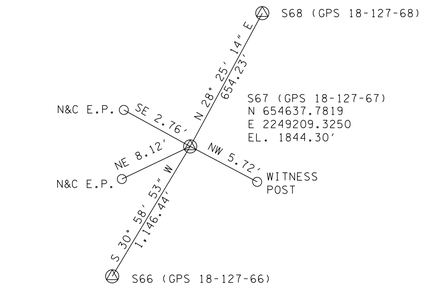


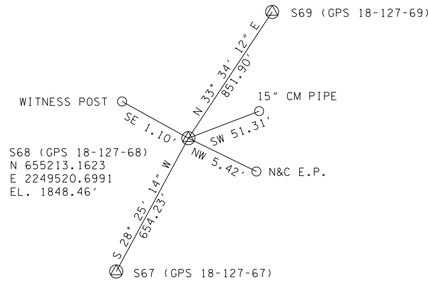


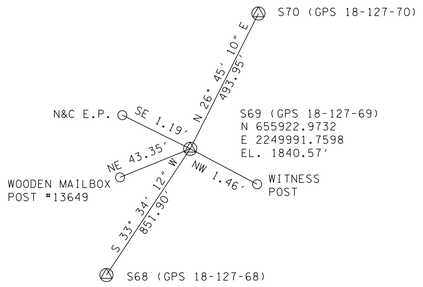


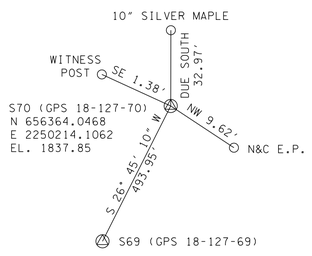


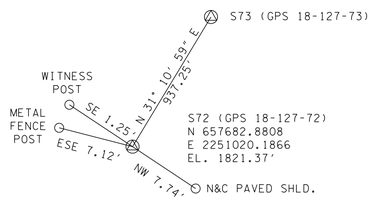












TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2C
ROW	2020	HPP/NH-28 (37)	2F2
PIH	2025	HPP/NH-28 (37)	2G3

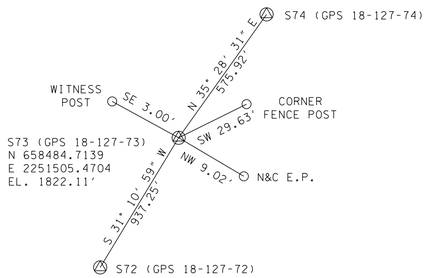
PS&E
FIELD
REVIEW

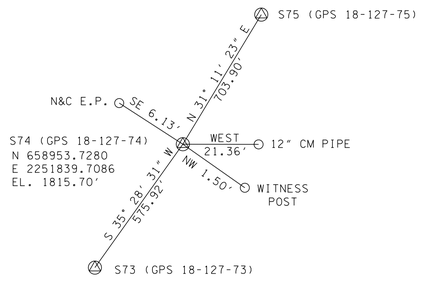
SEALED BY

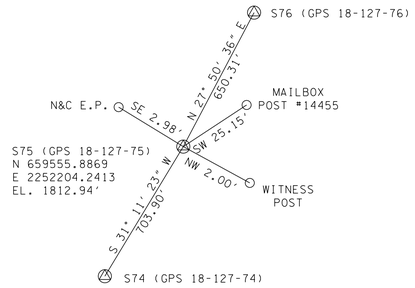
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

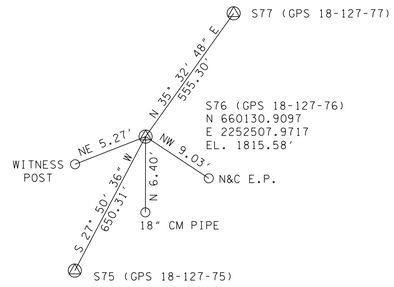
REFERENCE
DIAGRAMS

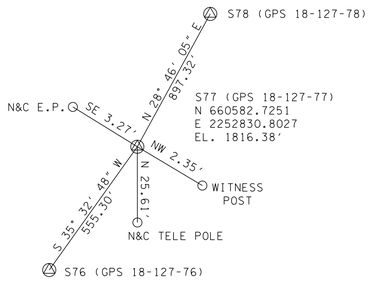
1/30/2026 2:17:05 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002G3.sht

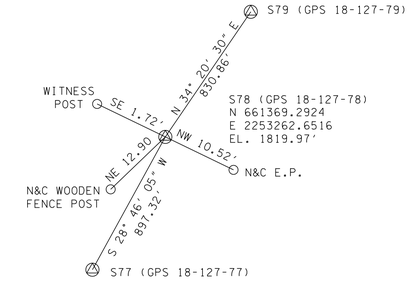


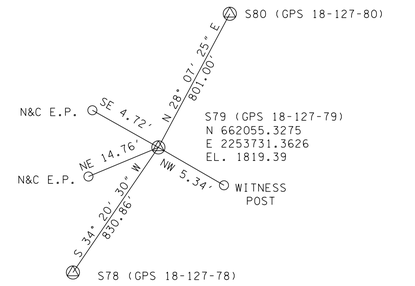


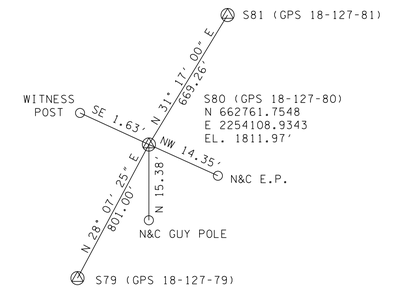


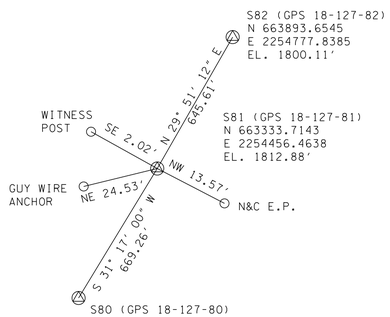












TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2D
ROW	2020	HPP/NH-28 (37)	2F3
PIH	2025	HPP/NH-28 (37)	2G4

PS&E FIELD REVIEW

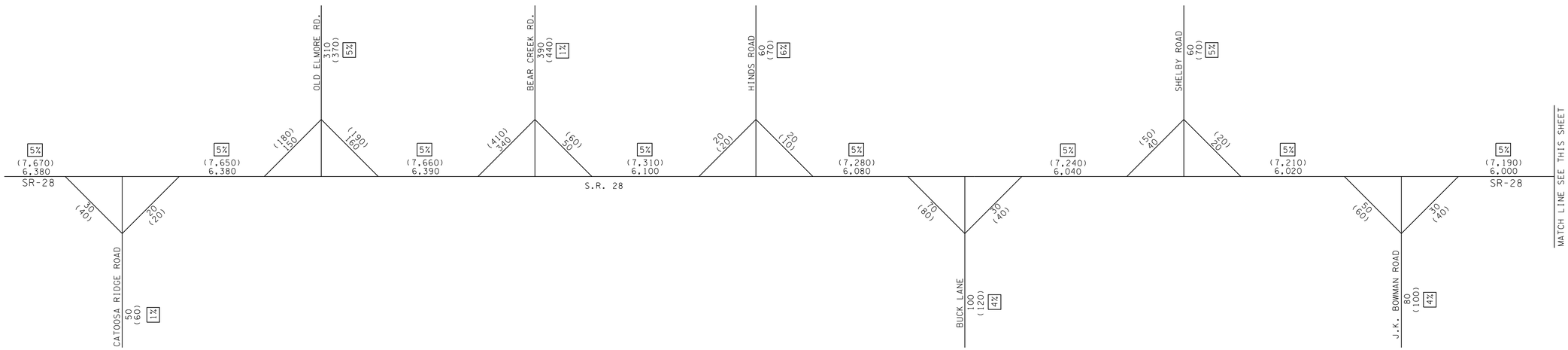
SEALED BY

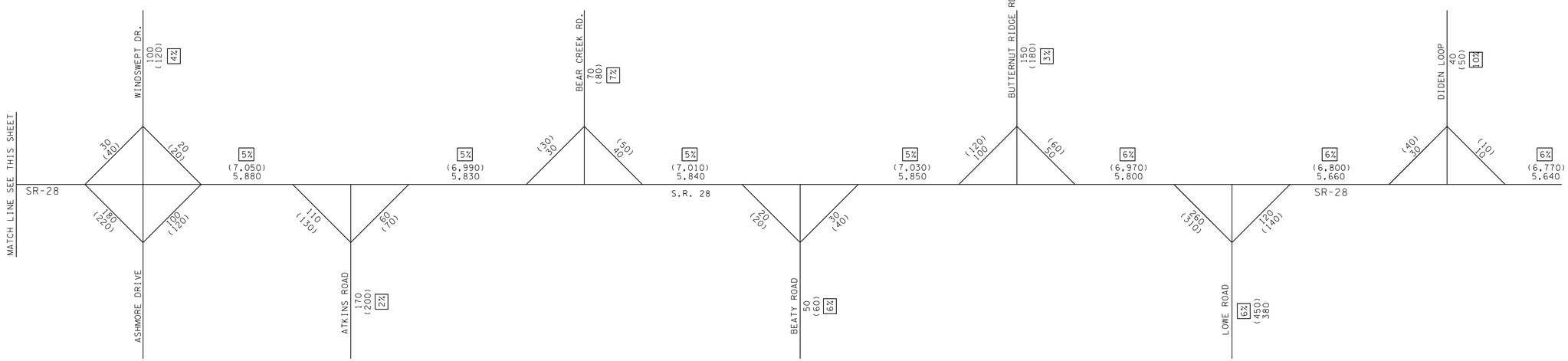
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

REFERENCE DIAGRAMS

1/30/2026 2:17:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002G4.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	2E
ROW	2020	HPP/NH-28 (37)	2F4
PIH	2025	HPP/NH-28 (37)	2G5





CUMBERLAND COUNTY
SR-28
LEGEND:
2019 ADT-000
2039 ADT-(000)
ADT TRUCK %- 0
DATE: JULY 1, 2016

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
DETAILS

1/30/2026 2:17:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\002G5.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	3
PIH	2025	HPP/NH-28 (37)	3

RIGHT-OF-WAY

(1) IT IS INTENDED THAT ALL BUILDINGS AND/OR PORTIONS OF BUILDINGS THAT ARE WITHIN THE PROPOSED RIGHT-OF-WAY AND/OR EASEMENT LINES FOR THE PROJECT BE REMOVED THERE FROM IN THE PROCESS OF RIGHT-OF-WAY ACQUISITION. IF ANY SUCH BUILDINGS OR IMPROVEMENTS ARE NOT REMOVED IN THE COURSE OF RIGHT-OF-WAY ACQUISITION, THE CIVIL ENGINEERING MANAGER 2, PROJECT DEVELOPMENT DIVISION AND THE CIVIL ENGINEERING MANAGER 1, REGIONAL PROJECT DEVELOPMENT OFFICE, ARE TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF THE CONSTRUCTION CONTRACT.

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

(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.

(10) ON PROJECTS WITH CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT. AFTER THE PERMIT HAS BEEN GRANTED, THE DEPARTMENT WILL CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE THROUGH THE CURB AND SIDEWALK, PROVIDED THE CURB AND SIDEWALK HAVE NOT BEEN CONSTRUCTED. IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE FROM BACK OF SIDEWALK TO TOUCHDOWN POINT FOR ANY ADDITIONAL DRIVEWAYS OR FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.

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

(12) EASEMENT REQUIRED FOR THE RAILROAD CROSSING IS TO BE OBTAINED BY THE UTILITIES ENGINEER BY PROVISIONS CONTAINED IN THE CROSSING AGREEMENT NEGOTIATED WITH THE RAILROAD.

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:
CHARTER COMMUNICATIONS
851 S. WILLOW AVENUE, SUITE 206
COOKEVILLE, TN 38501
CONTACT: MR. MORGAN WILCHER
OFFICE PHONE: 931 239 9222
CELL PHONE: N/A
Email: morgan.wilcher@charter.COM

ELECTRIC:
VOLUNTEER ENERGY COOPERATIVE
P.O. BOX 277
DECATUR, TN 37322
CONTACT: MATHEW TEAGUE
OFFICE PHONE: 423 334 7040
CELL PHONE: N/A
Email: mteague@vec.org

GAS:
MIDDLE TENNESSEE NATURAL GAS
P.O. BOX 670
SMITHVILLE, TN 37166
CONTACT: MATT STENNETT
OFFICE PHONE: 931 754 3515
CELL PHONE: 931 239 9111
Email: mstennett@mtng.com

TELEPHONE:
FRONTIER/CITIZENS COMMUNICATIONS
2104 WEST EMORY ROAD
POWELL, TN 37849
CONTACT: JIM HEATHERLY
OFFICE PHONE: 865 947 8260
CELL PHONE: 865 236 5083
Email: jimheatherly@msn.com

CATV:
COMCAST (XFINITY)
570 ASHEVILLE HIGHWAY
KNOVILLE, TN 37924
CONTACT: JOSHUA JONES
OFFICE PHONE: N/A
CELL PHONE: 865 236 5083
Email: jimheatherly@msn.com

CABLE:
SPIRIT BROADBAND
P.O. BOX 99
COLLEGE GROVE, TN 37046
CONTACT: VINCE KING
OFFICE PHONE: 877 368 2110
CELL PHONE: N/A
Email: N/A

FIBER:
VOLFIRST
P.O. BOX 670
McMINNVILLE, TN 37111
CONTACT: RIDHARD BOYD
OFFICE PHONE: 931 668 6692
CELL PHONE: 931 235 7515
Email: richardboyd@benlomand.org

SEWER:
CROSSVILLE, CITY OF
392 NORTH MAIN STREET
CROSSVILLE, TN 38555-4232
CONTACT: MR. TIM BEGLEY
OFFICE PHONE: 931 456 6172
CELL PHONE: 931 248 5172
Email: Tim.begley@crossvilletn.gov

WATER:
CROSSVILLE/CATOOSA WATER DEPARTMENT
392 NORTH MAIN STREET
CROSSVILLE, TN 38555
CONTACT: MR. TIM BEGLEY
OFFICE PHONE: 931 456 6172
CELL PHONE: 931 248 5172
Email: Tim.begley@crossvilletn.gov

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

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

1/30/2026 2:17:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3C
ROW	2021	HPP/NH-28 (37)	3A
PIH	2025	HPP/NH-28 (37)	3A

1. REVISED 06-02-2021: REMOVED LINE THROUGH TRACTS 3, 12, & 13. REMOVED TRACT 2.
2. REVISED 06-17-2021: COMBINED TRACTS 1 & 3. REMOVED Z-BARS ON TRACT 4.
3. REVISED 03-03-2022: LINED THROUGH TRACT 5.
4. REVISED 03-16-2022: UPDATED PROPOSED ROW ALONG OLD ELMORE RD.
5. REVISED 05-20-2025: LINED THROUGH TRACT 3.
6. REVISED 12-08-2025: UPDATED PROPOSED ROW ON TRACT 4.

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

420 425 430 435 440 445

PROPERTY ACQUIRED ON ADJ. PROJ. PIN 100260.03

TIE TO ADJACENT PROJ.
PIN NO. 100260.03
STA. 432+00.00

N 43° 06' 26" E PROPOSED ROW

PRESENT AND PROPOSED ROW OLD ELMORE RD.

PROPOSED ROW

S 58° 30' 34" E 1,047.34'

S.R. 28 (U.S. 127 NORTH) ALVIN C. YORK HIGHWAY

PRESENT AND PROPOSED ROW (C.A.) & FENCE

WTL-1

N 31° 29' 26" E

HOLLOW LANE (OLD S.R. 28)

PROPOSED ROW (C.A.) & FENCE

CATOOSA RIDGE DRIVE

S 74° 40' 19" E 1,

MATCHLINE STA. 446+50 SEE SHEET NUMBER 3B

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO. STP/NH-28(32) (R.O.W.)
STA. 428+42.14

STA. 434+40.00 SR-28 (US 127) =
STA. 20+00.00 CATOOSA RIDGE
N 649778.1683
E 2246319.8742

STA. 441+50.00 SR-28 (US 127) =
STA. 30+00.00 OLD ELMORE ROAD
N 650383.6042
E 2246690.7480

SEE SHEET 3J FOR LARGE PROPERTY TRACTS NOT ENTIRELY SHOWN ON THIS SHEET.

AREA TO BE SCARIFIED AND OBLITERATED

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

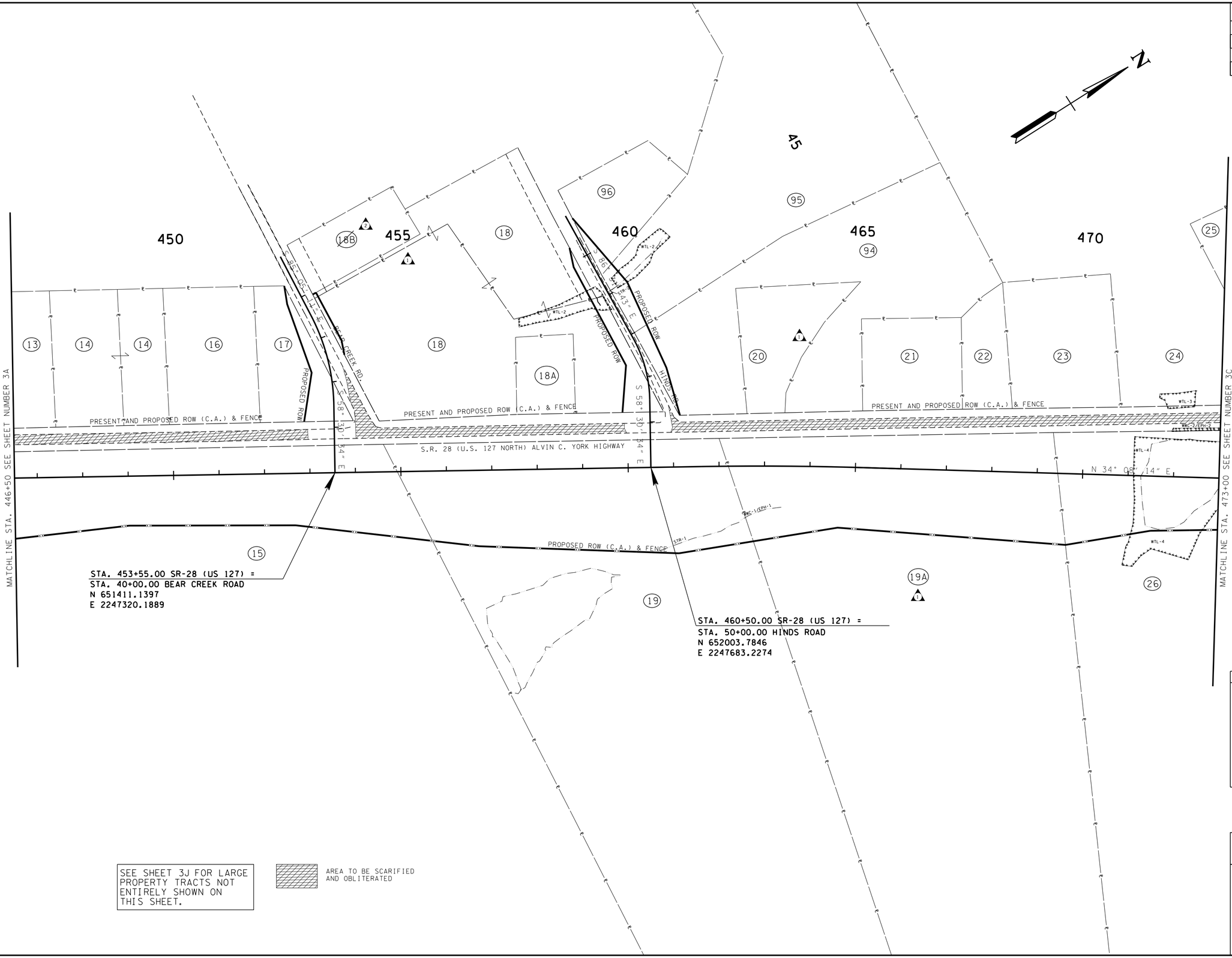
BEGIN PROJ. TO STA. 446+50
SCALE: 1"=100'

1/30/2026 2:18:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3D
ROW	2021	HPP/NH-28 (37)	3B
PIH	2025	HPP/NH-28 (37)	3B

1 REVISED 06-02-2021: ADDED TRACTS 18B & 19A. UPDATED PROPERTY LINES FOR TRACTS 18 & 20. REMOVED LINE THROUGH TRACTS 13, 14, 16, 18A, 21, 22, 23, 24, & 25.

2 REVISED 03-03-2022: LINED THROUGH TRACT 18B. UPDATED PROP. ROW ON TRACT 18.



STA. 453+55.00 SR-28 (US 127) =
STA. 40+00.00 BEAR CREEK ROAD
N 651411.1397
E 2247320.1889

STA. 460+50.00 SR-28 (US 127) =
STA. 50+00.00 HINDS ROAD
N 652003.7846
E 2247683.2274

SEE SHEET 3J FOR LARGE PROPERTY TRACTS NOT ENTIRELY SHOWN ON THIS SHEET.

AREA TO BE SCARIFIED AND OBLITERATED

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

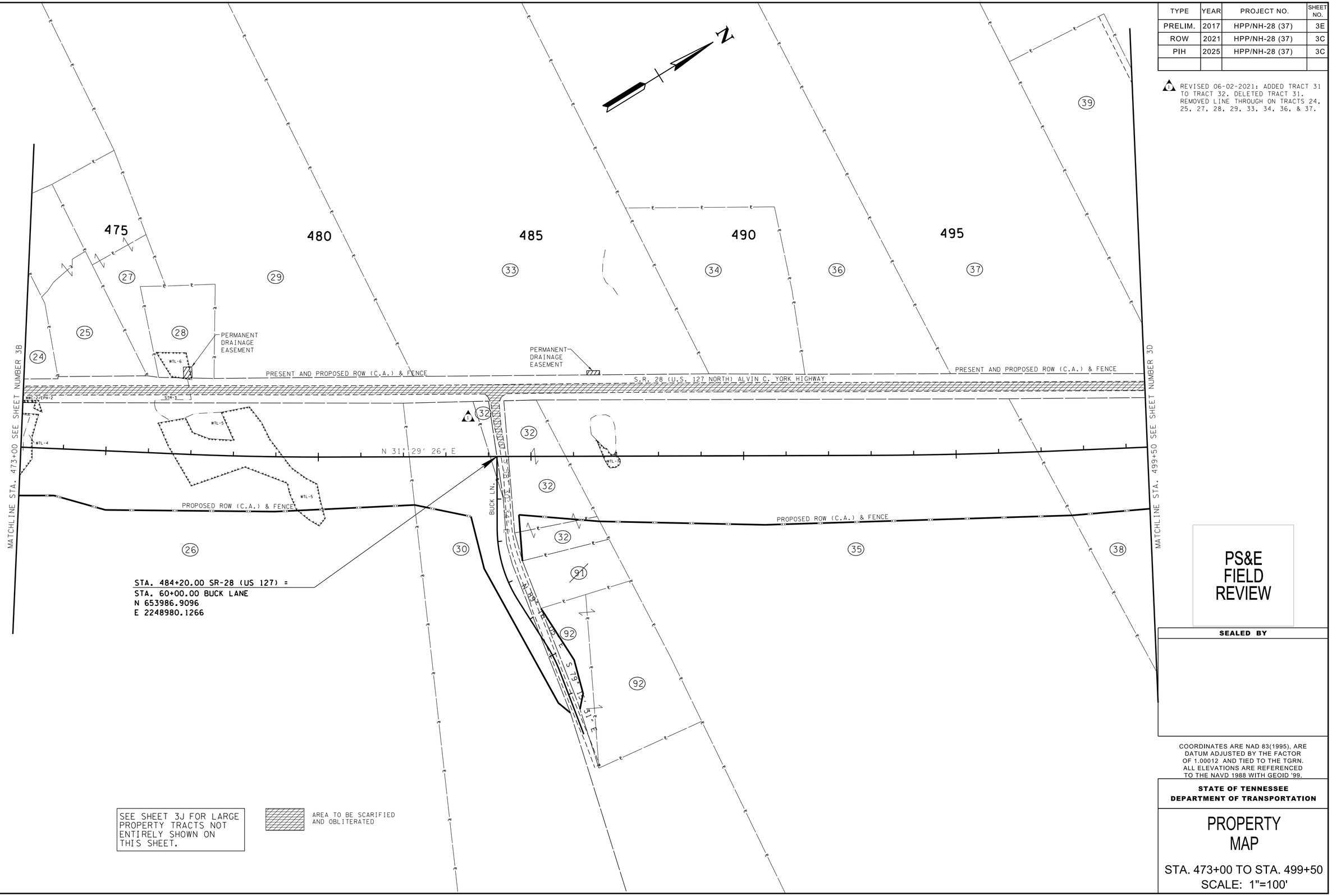
PROPERTY MAP

STA. 446+50 TO STA. 473+00
SCALE: 1"=100'

1/30/2026 2:18:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3E
ROW	2021	HPP/NH-28 (37)	3C
PIH	2025	HPP/NH-28 (37)	3C

1 REVISED 06-02-2021: ADDED TRACT 31 TO TRACT 32. DELETED TRACT 31. REMOVED LINE THROUGH ON TRACTS 24, 25, 27, 28, 29, 33, 34, 36, & 37.



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

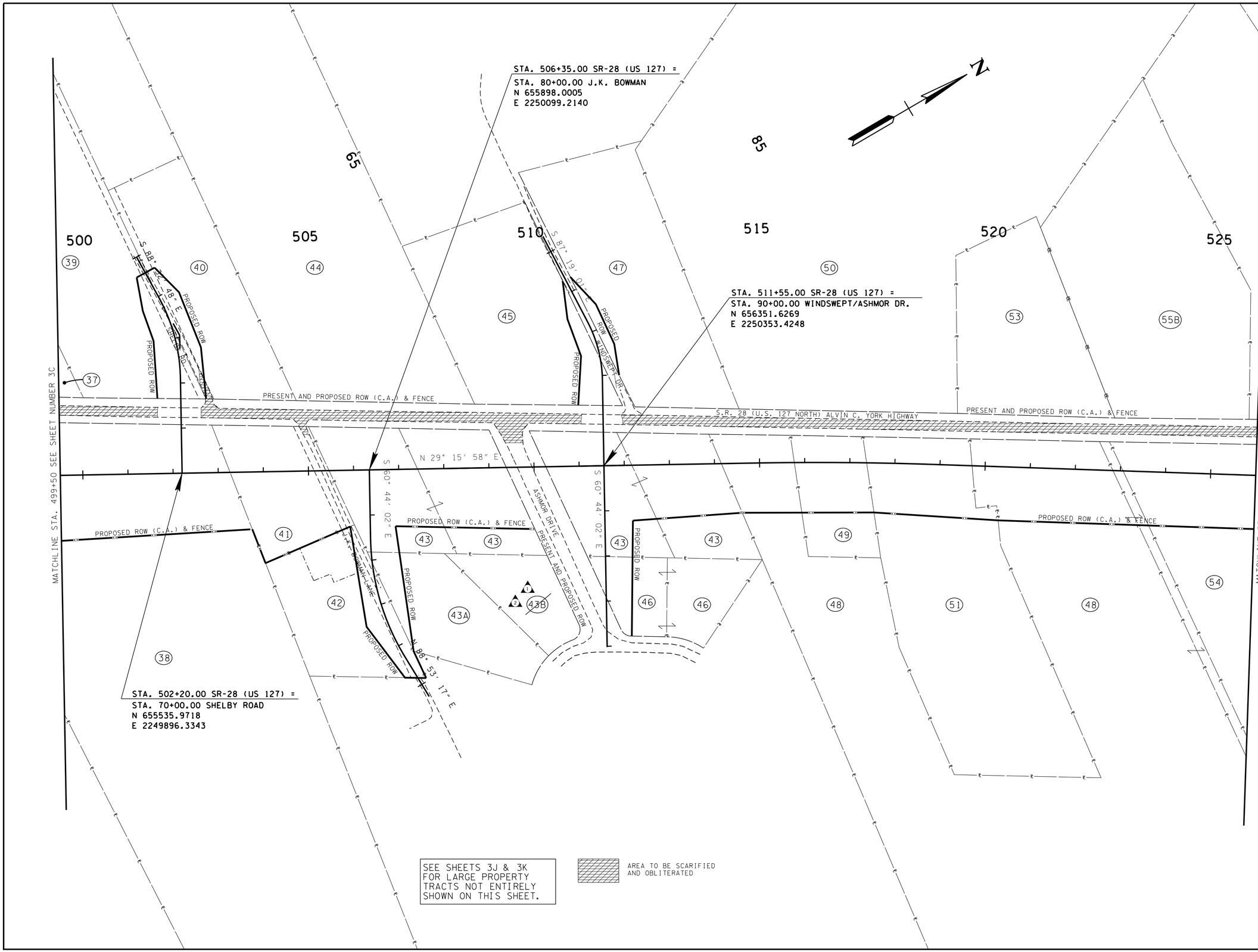
STA. 473+00 TO STA. 499+50
SCALE: 1"=100'

1/30/2026 2:18:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3F
ROW	2021	HPP/NH-28 (37)	3D
PIH	2025	HPP/NH-28 (37)	3D

1 REVISED 06-02-2021: ADDED TRACT 43B. REMOVED LINE THROUGH ON TRACTS 37, 44, 50, 53, & 55B.

2 REVISED 03-03-2022: LINED THROUGH TRACT 43B.



SEE SHEETS 3J & 3K FOR LARGE PROPERTY TRACTS NOT ENTIRELY SHOWN ON THIS SHEET.

AREA TO BE SCARIFIED AND OBLITERATED

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

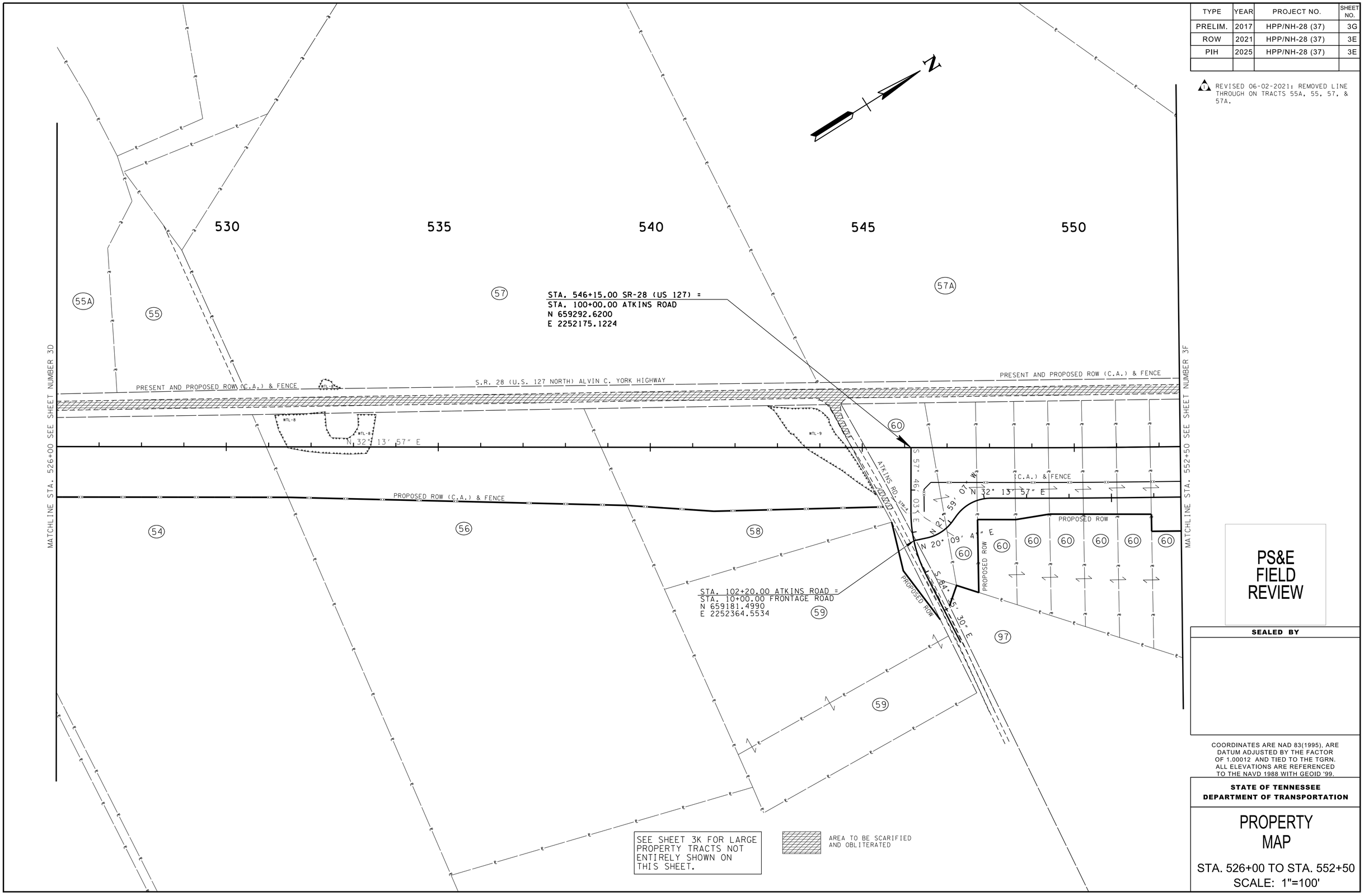
PROPERTY MAP

STA. 499+50 TO STA. 526+00
SCALE: 1"=100'

1/30/2026 2:18:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003D.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3G
ROW	2021	HPP/NH-28 (37)	3E
PIH	2025	HPP/NH-28 (37)	3E

1 REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 55A, 55, 57, & 57A.



SEE SHEET 3K FOR LARGE PROPERTY TRACTS NOT ENTIRELY SHOWN ON THIS SHEET.

AREA TO BE SCARIFIED AND OBLITERATED

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

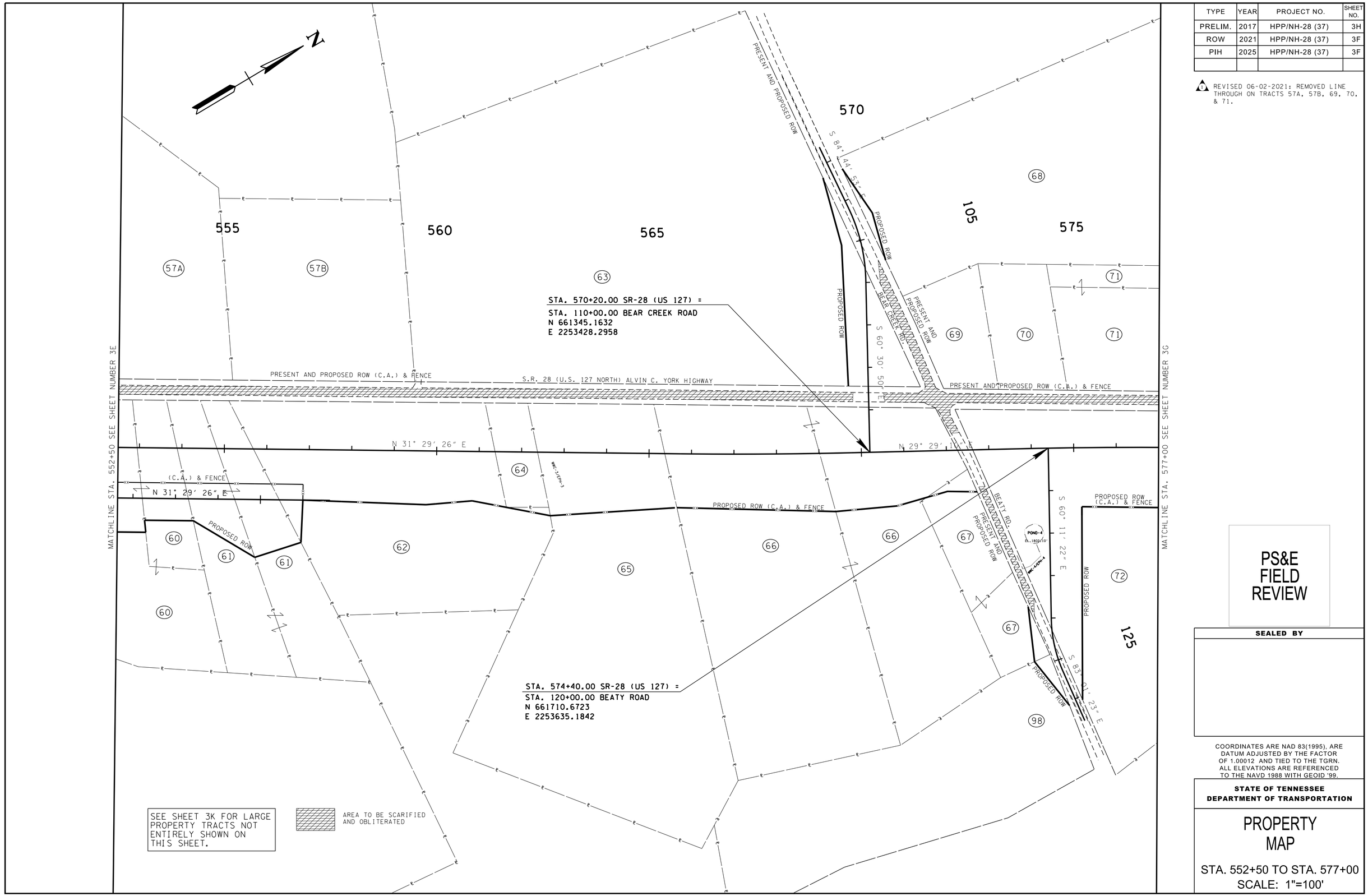
PROPERTY MAP

STA. 526+00 TO STA. 552+50
SCALE: 1"=100'

1/30/2026 2:18:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003E.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3H
ROW	2021	HPP/NH-28 (37)	3F
PIH	2025	HPP/NH-28 (37)	3F

1 REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 57A, 57B, 69, 70, & 71.



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 552+50 TO STA. 577+00
SCALE: 1"=100'

1/30/2026 2:18:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003F.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-27 (37)	3J
ROW	2021	HPP/NH-28 (37)	3G
PIH	2025	HPP/NH-28 (37)	3G

1 REVISED 06-02-2021: DELETED TRACTS 82 & 85. ADDED TRACT 83A. REMOVED LINE THROUGH ON TRACTS 71, 78, 81, 83, & 84.

2 REVISED 03-03-2022: LINED THROUGH TRACT 83A.

3 REVISED 12-08-2025: UPDATED ROW FLAG.

MATCHLINE STA. 577+00 SEE SHEET NUMBER 3F

MATCHLINE STA. 600+00 SEE SHEET NUMBER 3H

PRESENT AND PROPOSED ROW (C.A.) & FENCE

PROPOSED ROW

BUTTERNUT RIDGE RD.

S 53° 54' 41" E

S 58° 38' 34" E

WTL-10

S.R. 28 (U.S. 127 NORTH) ALVIN C. YORK HIGHWAY

N 31° 29' 26" E

DIDDEN LOOP

S 6° 53' 15" E

S 66° 21' 19" E

WTL-2 (.05)

WTL-1 (.05)

POND-1 (.05)

STR-5

SEP-1V

TRACT ACQUIRED BY STATE

S 68° 29' 45" E

E. LOWE RD.

ROW TO BE ACQUIRED BY OTHERS

POND

EQUATION:
STA. 581+35.50 BK =
STA. 580+00.00 AH

STA. 581+08.18 SR-28 (US 127)
STA. 130+00.00 BUTTERNUT RIDGE ROAD
N 662398.5212
E 2254050.7663

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

STA. 592+50.00 SR-28 (US 127) =
STA. 140+00.00 N. LOWE ROAD.
N 663379.5967
E 2254634.4477

STA. 596+30.00 SR-28 (US 127) =
STA. 154+87.96 DIDDEN LOOP
N 663722.3886
E 2254798.2792

580 580 585 590 595 145 150

68 71 71 72 73 74 75 76 76 77 78 79 79 80 81 83 83A 84 86 87 89 90 99 100 102 103 104 105 106

AREA TO BE SCARIFIED AND OBLITERATED

SEE SHEET 3K FOR LARGE PROPERTY TRACTS NOT ENTIRELY SHOWN ON THIS SHEET.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

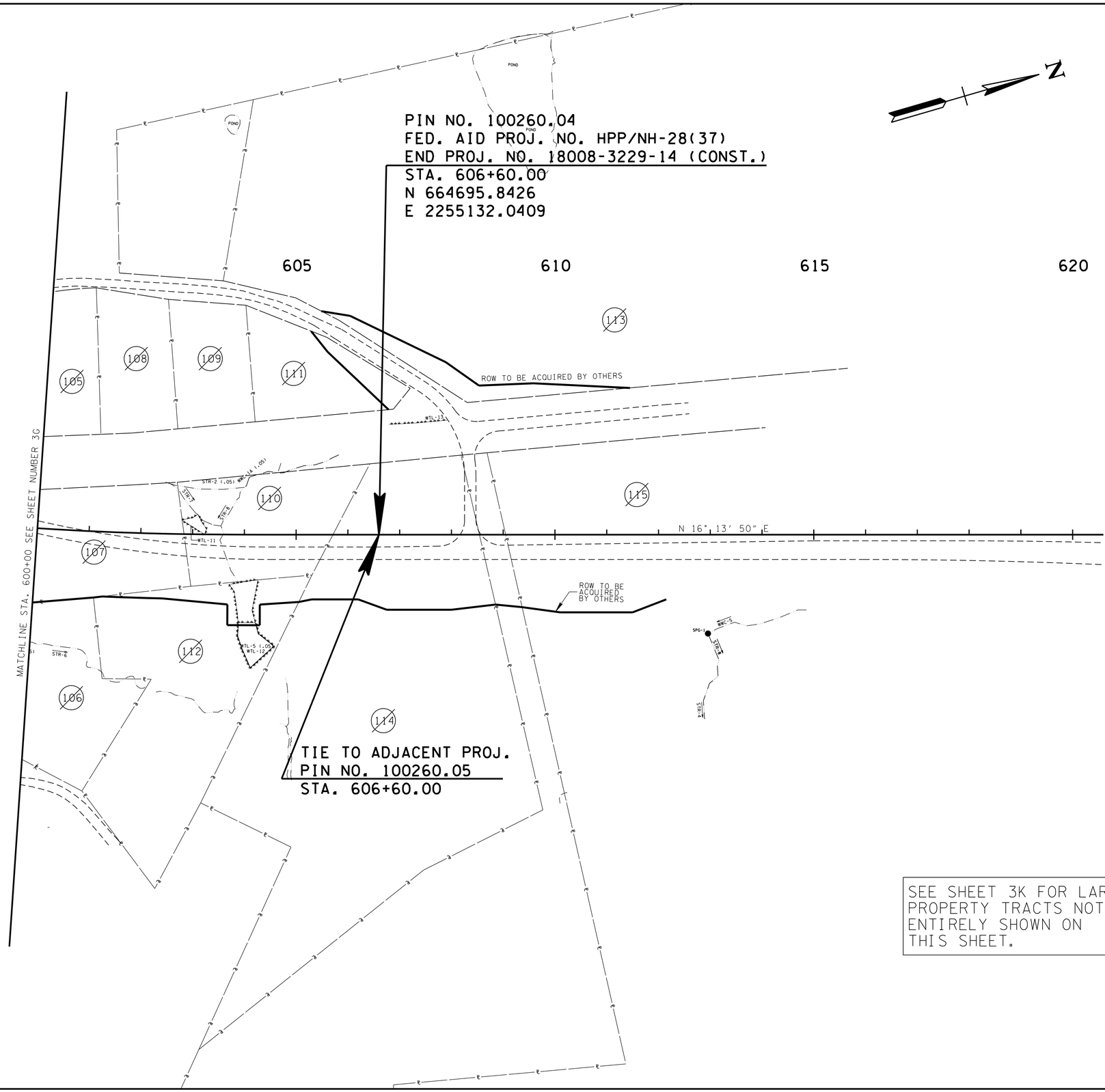
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 577+00 TO STA. 600+00
SCALE: 1"=100'

1/30/2026 2:18:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003G.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-27 (37)	3J
ROW	2020	HPP/NH-28 (37)	3H
PIH	2025	HPP/NH-28 (37)	3H



SEE SHEET 3K FOR LARGE PROPERTY TRACTS NOT ENTIRELY SHOWN ON THIS SHEET.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 600+00 TO END PROJ.
SCALE: 1"=100'

1/30/2026 2:18:12 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003H.sht

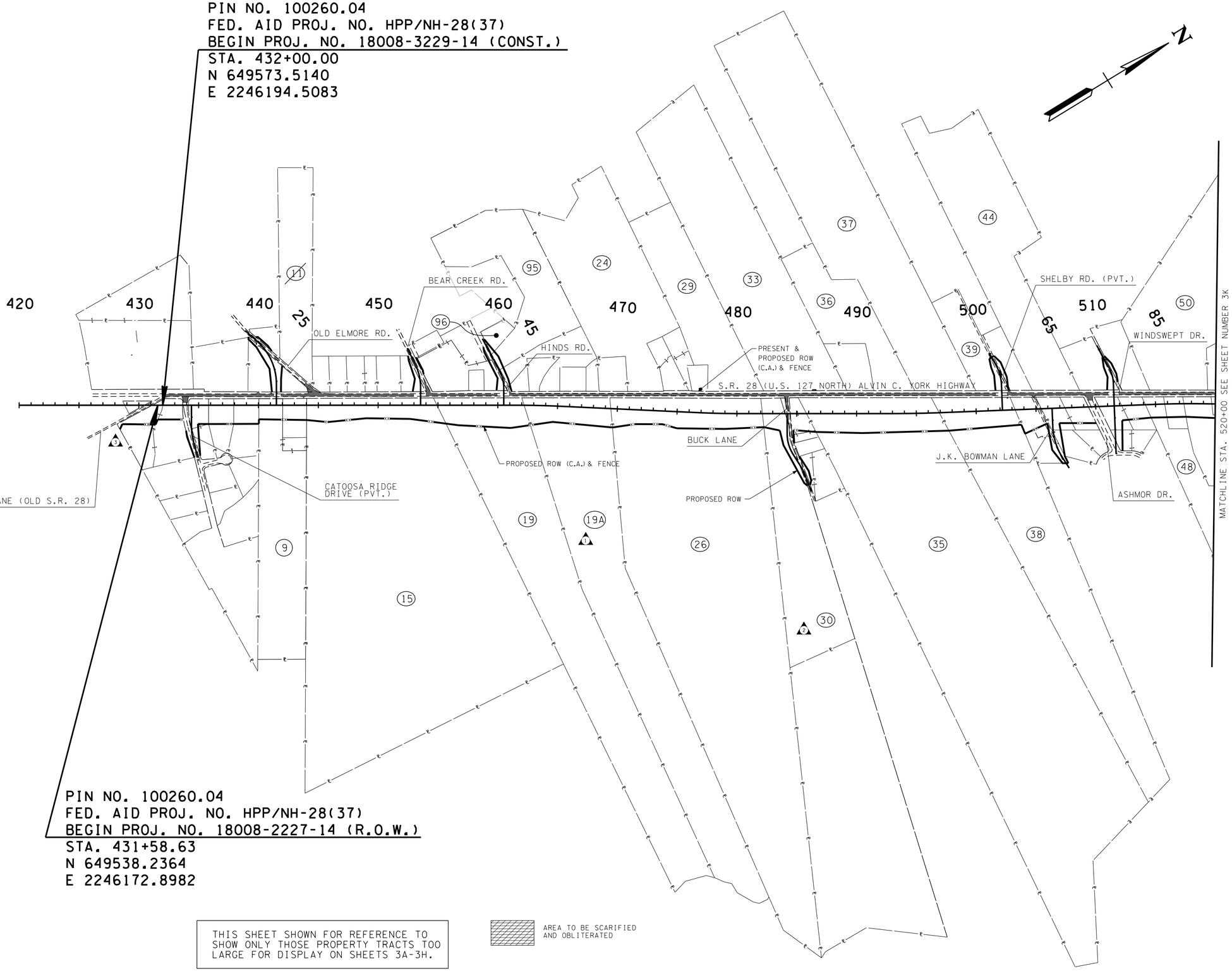
PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3K
ROW	2020	HPP/NH-28 (37)	3J
PIH	2025	HPP/NH-28 (37)	3J

1 REVISED 06-02-2021: ADDED TRACT 19A. REMOVED LINE THROUGH ON TRACTS 24, 29, 33, 36, 37, & 50.

2 REVISED 03-03-2022: ADJUSTED TOTAL AREA ON TRACT 30.

3 REVISED 12-08-2025: UPDATED PROPOSED ROW ON TRACT 4.



PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 431+58.63
N 649538.2364
E 2246172.8982

THIS SHEET SHOWN FOR REFERENCE TO SHOW ONLY THOSE PROPERTY TRACTS TOO LARGE FOR DISPLAY ON SHEETS 3A-3H.

AREA TO BE SCARIFIED AND OBLITERATED

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY REFERENCES

BEGIN PROJ. TO STA. 520+00
SCALE: 1"=400'

1/30/2026 2:18:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003J.sht

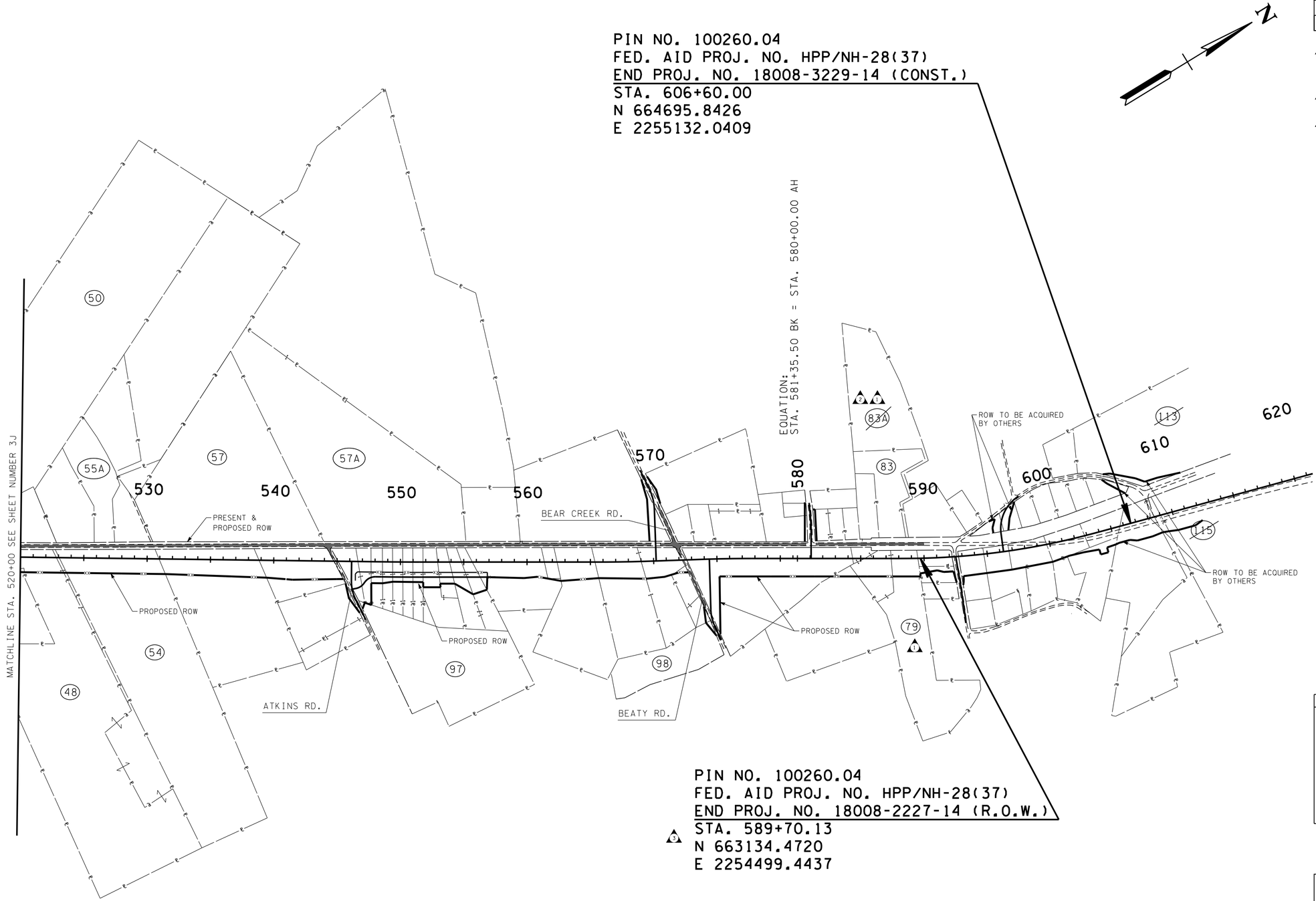
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3L
ROW	2020	HPP/NH-28 (37)	3K
PIH	2025	HPP/NH-28 (37)	3K

1 REVISED 06-02-2021: DELETED TRACT 82. ADDED TRACT 83A. REMOVED LINE THROUGH ON TRACTS 50, 55A, 57, 57A, & 83.

2 REVISED 03-03-2022: LINED THROUGH TRACT 83A.

3 REVISED 12-08-2025: UPDATED ROW FLAG.

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409



PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
3 STA. 589+70.13
N 663134.4720
E 2254499.4437

THIS SHEET SHOWN FOR REFERENCE TO SHOW ONLY THOSE PROPERTY TRACTS TOO LARGE FOR DISPLAY ON SHEETS 3A-3H.

AREA TO BE SCARIFIED AND OBLITERATED

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY REFERENCES

STA. 520+00 TO END PROJ.
SCALE: 1"=400'

1/30/2026 2:18:14 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003K.sht

R.O.W. ACQUISITION TABLE

TRACT NO.		PROPERTY OWNERS	COUNTY RECORDS TAX MAP NO.	COUNTY RECORDS PARCEL NO.	DEED DOCUMENT REFERENCE BK.	DEED DOCUMENT REFERENCE PAGE	TOTAL AREA ACRES LEFT	TOTAL AREA ACRES RIGHT	TOTAL AREA ACRES TOTAL	AREA TO BE ACQUIRED ACRES LEFT	AREA TO BE ACQUIRED ACRES RIGHT	AREA TO BE ACQUIRED ACRES TOTAL	AREA REMAINING ACRES LEFT	AREA REMAINING ACRES RIGHT	EASEMENT (SQUARE FEET) PERM. DRAINAGE	EASEMENT (SQUARE FEET) SLOPE	EASEMENT (SQUARE FEET) CONST.
11 3	03	GARY DOUGLAS RICHARDSON AND WIFE, AMIE LEAH RICHARDSON	018	034.05	1538	1370	11.757		11.757				11.757				
15 11 4 3	04	GARRY W. MCNABB AND RANDY GRAHAM, TRUSTEES OF THE MILLARD V. OAKLEY FAMILY TRUST	018L A	001.00	1689	1559	0.455	6.959	7.414	0.455	2.094	2.549		4.865			
			018L A	002.00	1689	1559											
			018L A	021.00	1689	1559											
			018L A	022.00	1689	1559											
7 4	* 05	BENNIE A. BROWN, AND WIFE, MARGIE BROWN	018	025.00	193	435	4.345		4.345				4.345				
	06	ALISA D. COOK; ODES L. COOK AND WIFE JANELLE M. COOK (LE)	018	024.00	1316	455	0.258	0.756	1.014	0.258	0.756	1.014					
	07	FLOYD P. NEELY, JR. AND WIFE, BARBARA L. NEELY	018	024.01	1062	1372	0.263	0.752	1.015	0.263	0.752	1.015					
	08	BENNIE S. SMITH AND WIFE, MARY K. SMITH	018	026.00	326	01	2.170		2.170	0.768		0.768	1.402				
8	09	SONYA SMITH	018	022.00	1652	535	0.250	18.230	18.480	0.250	0.544	0.794		17.686			
			018	021.01	534	114											
	09A	MIKE TOWNLEY AND CAROL TOWNLEY, HUSBAND AND WIFE	018	021.00	1400	550	0.256	1.246	1.502	0.256	0.561	0.817		0.685			
5 4	10	MARK D. COZZI AND WIFE, JULIE E. COZZI	018	026.01	1632	1432	0.672		0.672	483 S.F.		483 S.F.	0.661				
3	11	JIMMY NORRIS	018	031.00	473	124	11.091		11.091				11.091				
7	* 12	CHARLEY D. KERLEY	018	027.07	1636	1893	0.939		0.939				0.939				
9	* 13	LUCILLE REDMAN AND HUSBAND, JAMES L. REDMAN	018	027.03	1587	1932	1.008		1.008				1.008				
	* 14	JAMES L. REDMAN AND WIFE, LUCILLE REDMAN	018	027.02	1041	1450	1.721		1.721				1.721				
			018	027.06	1061	88											
	15	THE MELVIN K. AND EVELYN E. WILSON REVOCABLE TRUST	018	020.00	1329	1223	1.449	107.261	108.710	1.449	3.184	4.633		104.077			
	* 16	CKDG, LLC.	018	027.00	1531	2393	1.377		1.377				1.377				
	17	LANCE LAND	018	027.01	1443	792	0.936		0.936	0.276		0.276	0.660				
4	18	KAYRON S. ALLRED	018	019.02	1596	2371	5.667		5.667	0.300		0.300	5.367				
			018	019.07	1400	628											
	* 18A	KAYRON ALLRED	018	019.00	1596	2371	0.506		0.506				0.506				
6 2	18B	JEREMY C. COX AND WIFE, NATASHA N. COX	018	019.01	1564	509	0.749		0.749				0.749				
	19	DAVID CRABTREE AND WIFE, HELEN CRABTREE	019	003.00	1578	86	1.024	44.785	45.809	1.024	2.880	3.904		41.905			
2	19A	EMANUAL P. CRABTREE AND WIFE, BRENDA CRABTREE	019	003.01	1578	89	1.228	43.190	44.418	1.228	2.385	3.613		40.805			
	* 20	BRENDA PARSONS	018	017.00	1558	1679	0.999		0.999				0.999				
	* 21	WILLIAM BLUNKALL AND WIFE, JANICE BLUNKALL	018	012.01	1440	1185	1.019		1.019				1.019				
	* 22	BRYAN C. HANEY AND WIFE, SAMANTHA L. HANEY	018	012.02	1599	1742	0.569		0.569				0.569				
	* 23	DAVID HUNTLEY AND SALLY HUNTLEY	018	016.00	1277	878	1.565		1.565				1.565				
	* 24	JOHNNY E. STAGNER	018	013.00	1436	30	25.554		25.554				25.554				
	* 25	ANTHONY FLOWERS AND WIFE, KRISTEN FLOWERS	018	015.00	1049	760	1.628		1.628				1.628				
			018	014.00	1049	759											
4	26	GARY MILLER	019	002.00	1599	2013	3.296	93.930	97.226	3.296	3.692	6.988		90.238			
	* 27	DEBORAH FARLEY; SHIRLEY T. BARNES (LE)	009	030.01	1398	898	1.331		1.331				1.331				
			009	030.01	1163	92											
	28	AMY HALL	009	30.02	1357	2368	0.765		0.765				0.765		521		
	* 29	DAVID L. JACKSON AND WIFE, DEBRA K. JACKSON	009	029.00	1007	2301	15.031		15.031				15.031				
5	30	ANNA F. TAYLOR, JENNIFER VILES, HILLARY VILES, JUSTIN MATTHEW VILES, AND MICHAEL TAYLOR	019	001.00	1548	1367	0.521	17.858	18.379	0.521	1.146	1.667		16.712			
6	32	JOHN BEADLE	010	036.00	1459	1914	0.398	0.627	1.025	0.398	0.578	0.976		2129 S.F.			
		JOHN BEADLE	010	036.08	1232	945		0.295	0.295		687 S.F.	687 S.F.		0.279			
	33	JACK L. JOHNSON AND WIFE, CYNTHIA JOHNSON	010	035.00	1332	1867	37.241		37.241				37.241		300		
	* 34	JAMES E. DRAPER AND WIFE, CHARLOTTE D. DRAPER	010	034.02	254	21	2.620		2.620				2.620				
10 9 3	35	DAVID MANIS, ET AL	010	037.00	1663	1952	3.356	106.698	110.054	3.356	3.977	7.333		102.721			
9	* 36	CAROLYN JANE BOYCE & JAMES DAVID MANNING REVOCABLE TRUST	010	034.00	1376	836	11.153		11.153				11.153				
	* 37	DAVID A. BRUMMITT	010	033.00	1036	1937	46.618		46.618				46.618				
	38	HOYT L. SMITH AND WIFE, EMOGENE H. SMITH	010	038.00	D488	400	1.713	33.344	35.057	1.713	2.013	3.726		31.331			
	39	BILL SMITH AND WIFE, FLOSSIE GREEN SMITH	010	032.00	96	66	5.001		5.001	0.389		0.389	4.612				
	40	FERLIN BOWMAN AND WIFE, RITA BOWMAN	010	031.00	391	709	2.300		2.300	0.230		0.230	2.070				
	41	SHELBY KEITH BOWMAN	010	039.02	1098	1284	0.503	0.836	1.339	0.503	0.836	1.339					
	42	JONATHAN RUSTY AND STEPHANIE DAWN BOWMAN	010	039.06	1141	1016		1.661	1.661		0.393	0.393		1.268			0.231 AC

1 2 * FOR ACQUIRING ACCESS RIGHTS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3
ROW	2021	HPP/NH-28 (37)	3L
PIH	2025	HPP/NH-28 (37)	3L

1 REVISED 01-20-2021: ADDED INCIDENTAL DAMAGES NOTE TO TRACTS 5, 8, 10, 12, 13, 14, 16, 17, 18, 18A, 20, 21, 23, 24, 25, 28, 29, 33, 34, 36, 37, 39, & 40.

2 REVISED 06-02-2021: REMOVED TRACTS 2 & 31. ADDED TRACTS 18B & 19A. REMOVED LINE THROUGH ON TRACTS WITH CONTROLLED ACCESS FENCE. REVISED AREAS AND SPECIAL NOTE.

3 REVISED 06-17-2021: COMBINED TRACTS 1 & 3. UPDATED PROPERTY OWNER AND PARCEL INFORMATION FOR TRACTS 3, 4, 13, 16, 30, & 35. LINED THROUGH TRACT 11. ADDED SECOND LINE FOR TRACT 18. UPDATED TOTAL AREAS FOR TRACTS 5, 8, 10, 11, 13, 14, 16, 17, 18A, 18B, 20, 21, 22, 25, 27, 28, 29, 33, 34, 36, 39, & 40.

4 REVISED 03-03-2022: REMOVED ACQUISITION FROM TRACTS 5 AND 18B. UPDATED AREA TO BE ACQUIRED FOR TRACTS 4 AND 18. UPDATED PROPERTY OWNER ON TRACTS 10 AND 26. ADJUSTED TOTAL AREA ON TRACT 30.

5 REVISED 03-16-2022: UPDATED AREA TO BE ACQUIRED FOR TRACT 10.

6 REVISED 07-05-2022: UPDATED ACQUISITION AREAS ON TRACT 32.

7 REVISED 07-22-2022: UNLINED TRACT 5. UPDATED OWNER AND DEED BK NO. AND PAGE FOR TRACTS 12 AND 36.

8 REVISED 06-06-2023: UPDATED PROPERTY OWNER, BOOK, AND PAGE NUMBERS ON TRACT 9.

9 REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACT 35.

10 REVISED 04-05-2024: UPDATED PROPERTY OWNER INFO ON TRACT 35.

11 REVISED 05-20-2025: LINED THROUGH TRACT 3 AND REMOVED ASTERISK. UPDATED ACQUISITION AREA

12 REVI UPDA TRAC OWNE ON T

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

1/30/2026 2:18:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003L.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3A
ROW	2021	HPP/NH-28 (37)	3M
PIH	2025	HPP/NH-28 (37)	3M

1. REVISED 01-20-2021: ADDED INCIDENTAL DAMAGES NOTE TO TRACTS 44, 45, 47, 50, 53, 55, 55A, 55B, 63, 69, 70, 71, 73, & 76.
2. REVISED 06-02-2021: ADDED TRACT 43B. UPDATED PROPERTY OWNER INFO ON TRACTS 43A, 54, 61, 64, & 68. REMOVED LINE THROUGH ON TRACTS WITH CONTROLLED ACCESS FENCE. REVISED AREAS AND SPECIAL NOTE.
3. REVISED 06-17-2021: ADDED LINE FOR TRACT 43. UPDATED PROPERTY OWNER AND PARCEL INFORMATION FOR TRACTS 50, 57A, 57B, 58, & 71. UPDATED TOTAL AREAS FOR TRACTS 44, 45, 55, 55A, 55B, 57, 63, 68, & 74.
4. REVISED 03-03-2022: UPDATED AREA TO BE ACQUIRED FOR TRACT 60.
5. REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACTS 67 & 74.
6. REVISED 11-20-2023: UPDATED PROPERTY INFO ON TRACT 72.
7. REVISED 05-20-2025: UPDATED PROPERTY INFO ON TRACT 45.

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 BK.	DEED DOCUMENT REFERENCE PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
3	43	MIKE TOWNLEY AND CAROL TOWNLEY, HUSBAND AND WIFE	010I A	001.00	1417	2394	1.472	3.541	5.013	1.472	2.548	4.020		0.993			
			010I A	002.00	1417	2394											
			010I A	036.00	1417	2394											
			010I A	037.00	1417	2394											
	43A	TRAVIS DAVE MANN AND WIFE, CRYSTAL MICHELE MANN	010I A	004.00	1560	936		1.398	1.398		0.178	0.178		1.220			
2	~~43B~~	~~TYLER PHILLIPS AND BROTHER, TANER PHILLIPS~~	~~010I A~~	~~003.00~~	~~1567~~	~~1251~~		~~0.771~~	~~0.771~~					~~0.771~~			
*	44	DAVID MANIS AND WIFE, THELMA JEAN MANIS	010	030.00	194 179	131 667	27.612		27.612				27.612				
7	45	SETH T. MANIS AND BROOKLYNN R. MANIS, HUSBAND AND WIFE	010	028.00	1695	353	2.961		2.961	0.267		0.267	2.694				
	46	KELLIE CARSON	010I A	034.00	1330	895		1.181	1.181		0.235	0.235		0.946			
			010I A	035.00	1346	400											
	47	ROGER D. STOWERS	010	026.03	1074	2158	3.253		3.253	3834 S.F.		3834 S.F.	3.165				
	48	HAROLD E. SMITH AND WIFE, CARLA D. SMITH	010	041.00	1294	1505	0.699	48.452	49.151	0.699	1.318	2.017		47.134			
			010	041.04	1304	443											
	49	PEGGY A. DISHMON AND KAREN L. COLE	010	041.02	1454	848	0.216	0.771	0.987	0.216	0.407	0.623		0.364			
3 *	50	PATRICK K. GARRETT AND DAVID ALAN BRUMMITT	010	025.00	1534	454	63.573		63.573				63.573				
	51	RONALD L. MOORE JR. AND APRIL J. MOORE	010	041.03	1362	1380	0.313	4.687	5.000	0.313	0.634	0.947		4.053			
*	53	BELVA DEHAVEN	010	025.01	1261	809	2.487	1293 S.F.	2.517				2.487	1293 S.F.			
	54	LOWELL RAY WYATT	010	020.00	1599	2277	1.262	35.057	36.319	1.262	2.142	3.404		32.915			
*	55	WILLIAM BUCK AND WIFE, LOIE ANN BUCK	010	024.00	286	487	31.582		31.582				31.582				
*	55A	WILLIAM S. BUCK AND WIFE, KALLI F. BUCK	010	024.01	1361	1803	4.919		4.919				4.919				
*	55B	WILLIAM BUCK AND WIFE, LOIE ANN BUCK	010	024.02	286	487	5.047		5.047				5.047				
	56	DAVID E. GOLLIHER AND WIFE, MARGARET A. GOLLIHER	010	019.01	271	675	1.509	16.559	18.068	1.509	2.325	3.834		14.234			
*	57	BUFORD R. COOPER AND WIFE, SARA A. COOPER	010	023.00	420	790	28.186		28.186				28.186				
3 *	57A	BUFORD COOPER, AND WIFE, SARA COOPER	010	004.00	316	70	109.552		109.552				109.552				
*	57B	BUFORD RAY COOPER AND WIFE, SARAH COOPER	010	003.01	1046	1908	4.200		4.200				4.200				
	58	PHILLIP A. CLARK	010	018.00	1530	559	1.292	3.527	4.819	1.292	1.987	3.279		1.540			
	59	PHILLIP A. CLARK & BARBARA CLARK ROGERS	010	018.01	1001	1984		6.639	6.639		3413 S.F.	3413 S.F.		6.561			
			010	018.06													
4	60	DENAMI HOLDINGS LLC	010	006.02	1160	917	2.242	8.310	10.552	2.242	3.816	6.058		4.494			
			010	006.03	PL10	342											
			010	006.04													
			010	006.05													
			010	006.07													
			010	006.08													
			010	006.09													
			010	006.10													
	61	MICHAEL ARANOWSKI AND WIFE, JOANNE ARANOWSKI	010	006.11	1595	995	0.422	3.159	3.581	0.422	1.092	1.514		2.067			
			010	006.12	PL10	342											
	62	DOUGLAS H. BRANDENBURG AND WIFE, SHERRY L. BRANDENBURG	010	006.00	1280	1753	1.529	4.755	6.284	1.529	1.631	3.160		3.124			
	63	DWIGHT HOOVER AND WIFE, LINDA B. HOOVER	010	002.00	1298	1549	17.516		17.516	0.817		0.817	16.699				
	64	CUMBERLAND COUNTY BOARD OF EDUCATION	010	006.01	1561	2228	0.263	0.299	0.562	0.263	0.299	0.562					
	65	CINDY EVAVOLD	010	002.01	1484	1496	0.788	8.805	9.593	0.788	0.953	1.741		7.852			
	66	JEROME NOLZ AND WIFE, DENISE M.K. NOLZ	010	007.00	1226	525	1.704	10.034	11.738	1.704	1.957	3.661		8.077			
			010	008.00	465	786											
5	67	BRENDA PARKER AND CHRISTINE VAN CAMP	010	009.01	1637	1657		1.372	1.372		0.120	0.120		1.252			
			010	009.00	1637	1132											
	68	DAVID B. OLMSTEAD AND WIFE, VICKI G. OLMSTEAD	003	085.00	1592	1921	8.289		8.289	2337 S.F.		2337 S.F.	8.235				
*	69	DONNIE HITE AND CHRISTEENE HITE	003	085.05	1281	1090	0.962		0.962				0.962				
*	70	MILDRED A. SHERRILL	003	085.04	1291	655	1.097		1.097				1.097				
3 *	71	PATRICK H. SIMS AND WIFE, CLARA A. SIMS	003	085.03	1316	1214	2.764		2.764				2.764				
6	72	MICKEY M NELSON, ETAL	003	086.00	1667	1856	2.671	11.732	14.403	2.671	4.987	7.658		6.745			
	73	ROY DWIGHT HOOVER AND WIFE, LINDA MARIE HOOVER	003	081.03	448	551	2.331		2.331	4038 S.F.		4038 S.F.	2.238				
5	74	RODNEY VAN NATTER	003	081.18	1614	743	0.432		0.432	1239 S.F.		1239 S.F.	0.404				

1 2 * FOR ACQUIRING ACCESS RIGHTS.

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

1/30/2026 2:18:55 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003M.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	3B
ROW	2021	HPP/NH-28 (37)	3N
PIH	2025	HPP/NH-28 (37)	3N

1 REVISED 01-20-2021: ADDED INCIDENTAL DAMAGES NOTE TO TRACTS 78, 81, 83, & 84.

2 REVISED 06-02-2021: DELETED TRACTS 82 & 85. ADDED TRACT 83A. UPDATED PROPERTY OWNER INFO ON TRACT 79. REMOVED LINE THROUGH ON TRACTS WITH CONTROLLED ACCESS FENCE. REVISED AREAS AND SPECIAL NOTE.

3 REVISED 03-03-2022: LINED THROUGH TRACT 83A. UPDATED AREA TO BE ACQUIRED FOR TRACT 93.

4 REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACT 76.

5 REVISED 11-20-2023: UPDATED PROPERTY OWNERs INFO ON TRACT 76 and 98.

6 REVISED 10-14-2024: ADDED TRACT 62-S AND FOOTNOTE.

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 BK.	DEED DOCUMENT REFERENCE PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
~~75~~	~~GAIL ELLIS~~	~~003~~	~~081.16~~	~~1085~~	~~1698~~	~~0.403~~		~~0.403~~				~~0.403~~				
76	NICHOLAS INTURIAS	003	081.17	1681	1330	1.350		1.350	3315 S.F.		3315 S.F.	1.274				
		003	081.19	1277	129											
~~77~~	~~CARL L. NORRIS & FRANKLIN A. PALMER~~	~~003~~	~~081.14~~	~~527~~	~~703~~	~~1.224~~		~~1.224~~				~~1.224~~				
* 78	VAUGHN ATKINSON AND WIFE, SUSAN ATKINSON	003	081.04	1227	2442	0.670		0.670				0.670				
79	SAMUEL CRACE AND WIFE, JUDY CRACE	003	087.00	1582	1129	0.847	12.472	13.319	0.847	1.692	2.539		10.780			
		003	045.09	1582	1129											
		003	045.00	1582	1129											
80	BRENT D. STATON	003	088.02	1180	1444		12.051	12.051		0.203	0.203		11.848			
* 81	EDDIE D. HAMBY AND WIFE, ALEASHEA HAMBY	003	081.02	320	809	1.792		1.792				1.792				
* 83	GLORIA WRIGHT	003	081.01	1405	981	4.610		4.610				4.610				
~~83A~~	~~GRAYRON JAMES WRIGHT~~	~~003~~	~~081.21~~	~~1589~~	~~2025~~	~~9.871~~		~~9.871~~				~~9.871~~				
2 84	RINNIE BAPTIST CHURCH	003	074.00	10	562	3.133		3.133				3.133				
				26	248											
~~86~~	JAMES M. SHACKELFORD, JANICE SHACKELFORD, AND JAMES M. SHACKELFORD,II	~~003~~	~~045.03~~	~~1426~~	~~123~~		~~0.818~~	~~0.818~~					~~0.818~~			
~~87~~	~~SANDRA LYNN HOWARD~~	~~003~~	~~052.00~~	~~1131~~	~~98~~		~~0.913~~	~~0.913~~					~~0.913~~			
~~89~~	~~ARVINE DYDEN AND WIFE, ALICE DYDEN HEIRS~~	~~003~~	~~075.00~~	~~30~~	~~482~~	~~1.012~~		~~1.012~~				~~1.012~~				
~~90~~	~~ARVINE DYDEN AND WIFE, ALICE DYDEN HEIRS~~	~~003~~	~~073.00~~	~~76~~	~~157~~	~~0.475~~		~~0.475~~				~~0.475~~				
~~91~~	~~JEFF M. COOPER AND WIFE, GLENDA N. COOPER~~	~~010~~	~~036.03~~	~~1049~~	~~283~~		~~0.561~~	~~0.561~~					~~0.561~~			
92	JERRY BUCK AND FAYE BUCK	010	036.14	1419	1845		2.125	2.125		4256 S.F.	4256 S.F.		2.027			
		010	036.04	1177	2012											
3 93	MARQUETTIA J. PRESLEY AND HUSBAND, CHARLES R. PRESLEY	018	032.00	1242	2129	0.834		0.834	1772 S.F.		1772 S.F.	0.793				
94	ELOISE HINDS	018	012.03	1558	1678	4.414		4.414	4297 S.F.		4297 S.F.	4.315				
95	TRAVIS J. FINDLEY AND JENNIFER R. DARROW	018	012.00	1455	651	14.913		14.913	0.126		0.126	14.787				
96	VICKIE L. MONDAY	018	018.03	1467	1816	0.928		0.928	2152 S.F.		2152 S.F.	0.879				
97	CONVEY(CONLEY) H. BEATY AND WIFE, MAXINE BEATY	010	005.00	67	534		16.376	16.376		1277 S.F.	1277 S.F.		16.347			
5 98	BRENDA PARKER AND CHRISTINE VAN CAMP	010	010.02	1637	1132		5.556	5.556		2556 S.F.	2556 S.F.		5.497			
6 ** 62-S	DOUGLAS H. BRANDENBURG AND WIFE, SHERRY L. BRANDENBURG	010	006.00	1280	1753		3.124	3.124					3.124			

1 2 * FOR ACQUIRING ACCESS RIGHTS.

6 ** FOR UTILITY ADJUSTMENT ONLY.

DISTURBED AREA	
IN BETWEEN SLOPE LINES	66.414 (AC)
15 FOOT WIDE STRIP (OUTSIDE SLOPE LINES)	20.561 (AC)
TOTAL DISTURBED AREA	86.975 (AC)
TOTAL PROJECT AREA	130.055 (AC)

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

1/30/2026 2:19:33 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\003N.sht

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	4
ROW	2021	HPP/NH-28 (37)	4
PIH	2025	HPP/NH-28 (37)	4

1. REVISED 06-02-2021: DELETED TRACT 2. REMOVED LINE THROUGH ON TRACT 3.
2. REVISED 06-17-2021: COMBINED TRACTS 1 & 3. REMOVED Z-BARS AND UPDATED PROPERTY OWNER ON TRACT 4.
3. REVISED 03-03-2022: LINED THROUGH TRACT 5. UPDATED PROPOSED ROW ON TRACT 93. REMOVED PVT. DR. AT STA. 23+68.97.
4. REVISED 03-16-2022: UPDATED PROPOSED ROW ON OLD ELMORE RD.
5. REVISED 07-22-2022: UNLINED TRACT 5.
6. REVISED 06-06-2023: UPDATED PROPERTY OWNER ON TRACT 9.
7. REVISED 05-20-2025: LINED THROUGH TRACT 3.
8. REVISED 12-08-2025: UPDATED PROPOSED ROW ON TRACT 4.UPDATED PROPERTY OWNER NAME.

LEGEND	WETLAND IMPACTS (WTL-1)
	AREA OF PERMANENT IMPACT = 0.216 AC.
	VOLUME OF PERMANENT IMPACT = 348 C.Y.
	AREA OF TEMPORARY IMPACT = 0.112 AC.
	VOLUME OF TEMPORARY IMPACT = 181 C.Y.

TRACT	PROPERTY OWNERS
6	ALISA D. COOK, JANELLE M. COOK, AND ODES L. COOK (L.E.)
4	GARRY W. MCNABB AND RANDY GRAHAM, TRUSTEES OF THE MILLARD V. OAKLEY FAMILY TRUST
93	MARQUETTIA J. PRESLEY AND HUSBAND CHARLES R. PRESLEY

CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S60 (GPS 18-127-60)	649387.8351	2246016.0440	1830.15	429+48.44	55.19' (LT)
XCP S61 (GPS 18-127-61)	650083.8156	2246387.0653	1834.89	437+35.73	102.36' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

GARY DOUGLAS RICHARDSON AND WIFE, AMIE LEAH RICHARDSON

BENNIE A. BROWN, AND WIFE, MARGIE BROWN

BENNIE S. SMITH AND WIFE, MARY K. SMITH

GARRY W. MCNABB AND RANDY GRAHAM, TRUSTEES OF THE MILLARD V. OAKLEY FAMILY TRUST

CATOOSA RIDGE SUBDIVISION (UNDER DEVELOPMENT)

FLOYD P. NEELY, JR. AND WIFE, BARBARA L. NEELY

SONYA SMITH

PROPERTY ACQUIRED ON ADJ. PROJ. PIN 100260.03

PROPOSED DRIVEWAY ON ADJ. PROJ. PIN 100260.03

OLD ELMORE RD
PI 26+34.22
N 650,588.1368
E 2,246,356.8573
Δ 48° 22' 57" (RT)
D 12° 00' 42"
R 477.00
L 402.79
T 214.28
SE 0.080 FT/FT
DESIGN SPEED 40 MPH
TRANS. LENGTH 210

CATOOSA RIDGE
PI 22+51.56
N 649,646.7633
E 2,246,534.3873
Δ 16° 10' 15" (LT)
D 9° 59' 57"
R 573.00
L 161.72
T 81.40
SE 0.060 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 145

STA. 434+40.00 SR-28 (US 127) =
STA. 20+00.00 CATOOSA RIDGE
N 649778.1683
E 2246319.8742

STA.441+50.00 SR-28 (US 127) =
STA. 30+00.00 OLD ELMORE ROAD
N 650383.6042
E 2246690.7480

AREA TO BE SCARIFIED AND OBLITERATED

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PS&E FIELD REVIEW

SEALED BY

PRESENT LAYOUT

BEGIN PROJ. TO STA. 442+00
SCALE: 1"= 50'

MATCHLINE STA. 442+00 SEE SHEET NUMBER 5

1/30/2026 2:20:18 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\004.sht

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-27 (37)	4A
ROW	2021	HPP/NH-28 (37)	4A
PIH	2025	HPP/NH-28 (37)	4A

1. REVISED 06-02-2021: DELETED TRACT 2. REMOVED LINE THROUGH ON TRACT 3.
2. REVISED 06-17-2021: COMBINED TRACTS 1 & 3. REMOVED Z-BARS AND UPDATED PROPERTY OWNER ON TRACT 4.
3. REVISED 03-03-2022: REMOVED PROP. ROW AND UPDATED ROW CALLOUTS FOR TRACT 5. LINED THROUGH TRACT 5. UPDATED PROPOSED ROW ON TRACT 93. REMOVED PVT. DR. AT STA. 23+68.97.
4. REVISED 03-16-2022: UPDATED PROPOSED ROW ON OLD ELMORE RD.
5. REVISED 07-22-2022: UNLINED TRACT 5.
6. REVISED 06-06-2023: UPDATED PROPERTY OWNER ON TRACT 9.
7. REVISED 05-20-2025: LINED THROUGH TRACT 3.
8. REVISED 12-08-2025: UPDATED PROPOSED ROW ON TRACT 4.UPDATED PROPERTY OWNER NAME.

PROPERTY AQUIRED ON ADJ. PROJ. PIN 100260.03

GARY DOUGLAS RICHARDSON AND WIFE, AMIE LEAH RICHARDSON

BENNIE A. BROWN, AND WIFE, MARGIE BROWN

BENNIE S. SMITH AND WIFE, MARY K. SMITH

FLOYD P. NEELY, JR. AND WIFE, BARBARA L. NEELY

SONYA SMITH

PROPERTY ACQUIRED ON ADJ. PROJ. PIN 100260.03

PROPOSED DRIVEWAY ON ADJ. PROJ. PIN 100260.03

PROPOSED R.O.W. (C.A.) & FENCE

PROPOSED ROW

PROPOSED R.O.W.

PRES. & PROP. R.O.W. (C.A.) & FENCE

PRESENT R.O.W.

TOP OF CUT (ULTIMATE)

TOP OF CUT (INTERIM & ULTIMATE)

TOP OF CUT (INTERIM)

TOP OF CUT

TOE OF FILL

SR-28

MATCHLINE STA. 23+30 SEE DETAIL A (THIS SHEET)

MATCHLINE STA. 24+00 SEE DETAIL B (THIS SHEET)

MATCHLINE STA. 442+00 SEE SHEET NUMBER 5A

DETAIL A

DETAIL B

STA. 434+40.00 SR-28 (US 127) = STA. 20+00.00 CATOOSA RIDGE
N 649778.1683
E 2246319.8742

STA.441+50.00 SR-28 (US 127) = STA. 30+00.00 OLD ELMORE ROAD
N 650383.6042
E 2246690.7480

TRACT	PROPERTY OWNERS
6	ALISA D. COOK, JANELLE M. COOK, AND ODES L. COOK (L.E.)
4	GARRY W. MCNABB AND RANDY GRAHAM, TRUSTEES OF THE MILLARD V. OAKLEY FAMILY TRUST
93	MARQUETTIA J. PRESLEY AND HUSBAND CHARLES R. PRESLEY

CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S60 (GPS 18-127-60)	649387.8351	2246016.0440	1830.15	429+48.44	55.19' (LT)
XCP S61 (GPS 18-127-61)	650083.8156	2246387.0653	1834.89	437+35.73	102.36' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

BEGIN PROJ. TO STA. 442+00
SCALE: 1"= 50'

1/30/2026 2:20:20 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\004A.sht

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

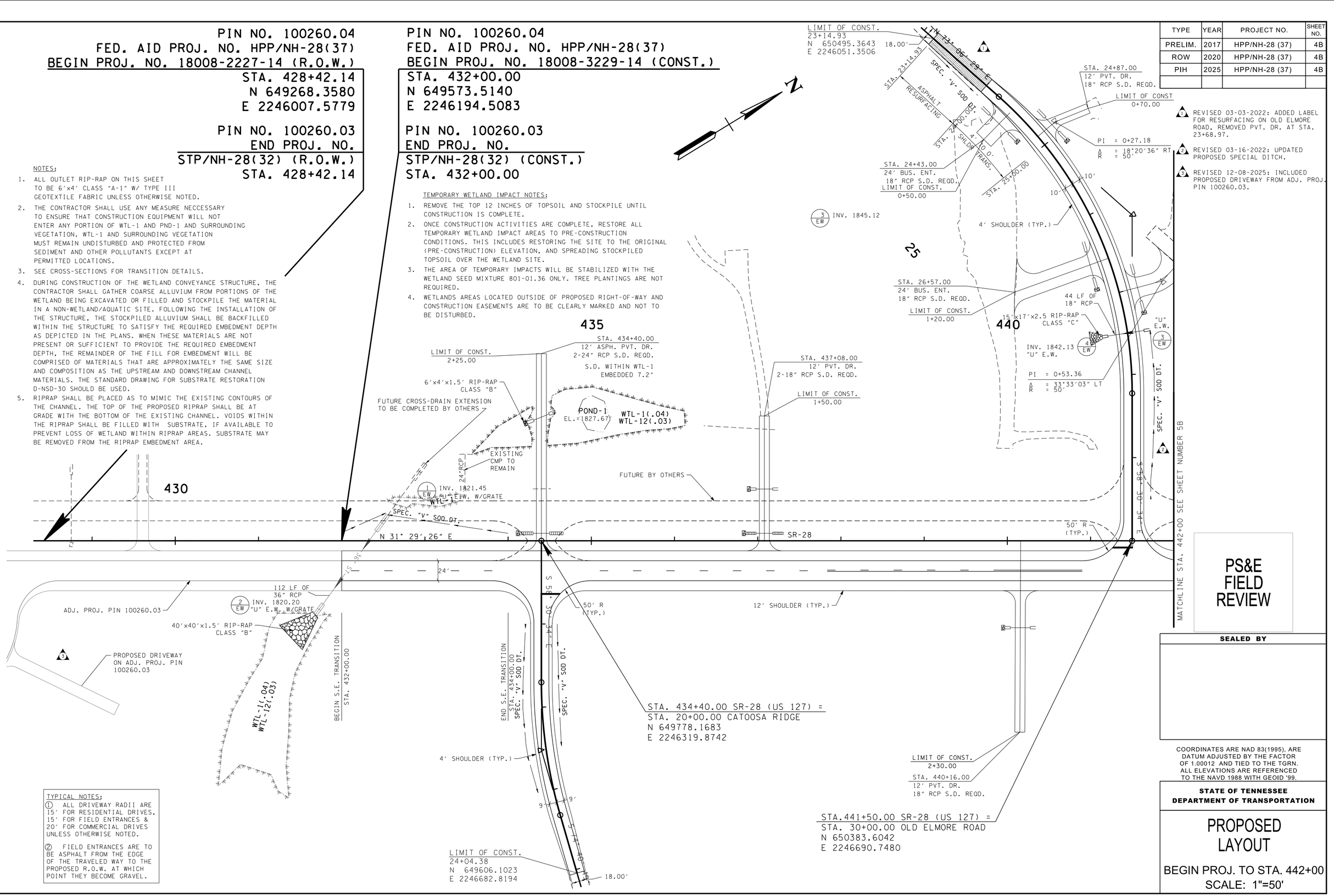
PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL USE ANY MEASURE NECCESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-1 AND PND-1 AND SURROUNDING VEGETATION. WTL-1 AND SURROUNDING VEGETATION MUST REMAIN UNDISTURBED AND PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT PERMITTED LOCATIONS.
3. SEE CROSS-SECTIONS FOR TRANSITION DETAILS.
4. DURING CONSTRUCTION OF THE WETLAND CONVEYANCE STRUCTURE, THE CONTRACTOR SHALL GATHER COARSE ALLUVIUM FROM PORTIONS OF THE WETLAND BEING EXCAVATED OR FILLED AND STOCKPILE THE MATERIAL IN A NON-WETLAND/AQUATIC SITE. FOLLOWING THE INSTALLATION OF THE STRUCTURE, THE STOCKPILED ALLUVIUM SHALL BE BACKFILLED WITHIN THE STRUCTURE TO SATISFY THE REQUIRED EMBEDMENT DEPTH AS DEPICTED IN THE PLANS. WHEN THESE MATERIALS ARE NOT PRESENT OR SUFFICIENT TO PROVIDE THE REQUIRED EMBEDMENT DEPTH, THE REMAINDER OF THE FILL FOR EMBEDMENT WILL BE COMPRISED OF MATERIALS THAT ARE APPROXIMATELY THE SAME SIZE AND COMPOSITION AS THE UPSTREAM AND DOWNSTREAM CHANNEL MATERIALS. THE STANDARD DRAWING FOR SUBSTRATE RESTORATION D-NSD-30 SHOULD BE USED.
5. RIPRAP SHALL BE PLACED AS TO MIMIC THE EXISTING CONTOURS OF THE CHANNEL. THE TOP OF THE PROPOSED RIPRAP SHALL BE AT GRADE WITH THE BOTTOM OF THE EXISTING CHANNEL. VOIDS WITHIN THE RIPRAP SHALL BE FILLED WITH SUBSTRATE, IF AVAILABLE TO PREVENT LOSS OF WETLAND WITHIN RIPRAP AREAS. SUBSTRATE MAY BE REMOVED FROM THE RIPRAP EMBEDMENT AREA.

TEMPORARY WETLAND IMPACT NOTES:

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



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	4B
ROW	2020	HPP/NH-28 (37)	4B
PIH	2025	HPP/NH-28 (37)	4B

1 REVISED 03-03-2022: ADDED LABEL FOR RESURFACING ON OLD ELMORE ROAD, REMOVED PVT. DR. AT STA. 23+68.97.

2 REVISED 03-16-2022: UPDATED PROPOSED SPECIAL DITCH.

3 REVISED 12-08-2025: INCLUDED PROPOSED DRIVEWAY FROM ADJ. PROJ. PIN 100260.03.

TYPICAL NOTES:

① ALL DRIVEWAY RADII ARE 15' FOR RESIDENTIAL DRIVES, 15' FOR FIELD ENTRANCES & 20' FOR COMMERCIAL DRIVES UNLESS OTHERWISE NOTED.

② FIELD ENTRANCES ARE TO BE ASPHALT FROM THE EDGE OF THE TRAVELED WAY TO THE PROPOSED R.O.W. AT WHICH POINT THEY BECOME GRAVEL.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

BEGIN PROJ. TO STA. 442+00
SCALE: 1"=50'

1/30/2026 2:20:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\004B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	4C
ROW	2020	HPP/NH-28 (37)	4C
PIH	2025	HPP/NH-28 (37)	4C

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

MAINLINE 441+50.00 = OLD.EL_PR 30+00.00
ELEV. 1850.40

VPC 441+00.00
EL. 1849.24

OH WIRE
STA. 441+11
LOW WIRE EL.1858.47'
_ POWER

MAINLINE 434+40.00 = CATOOSA RIDGE 20+00.00
ELEV. 1833.36

VPT 434+75.00
EL. 1834.19

OH WIRE
STA. 436+31
LOW WIRE EL. 852.59'
1 TELEPHONE
_ POWER

VC = 150.00'
K = 441
V = 60+ MPH

VPC 433+25.00
EL 1830.83

OH WIRE
STA. 430+5 .91
LOW WIRE EL.1848.96'
1 TELEPHONE

EXIST. GROUND LINE

TIE TO ADJACENT PROJECT
PIN NO. 100260.03
STA. 432+00.00

VPT 431+96.36
EL. 1828.16

PROPOSED GRADE

EXIST. GROUND LINE

2.41%

VC = 1000.00'
K = 293
V = 60+ MPH

XCP S61

XCP S60

2.07%

-5.34% LT

4.67% LT

2.07%

2.41%

8" G

6" W

6" WATER
434+26

8" GAS
431+48

36" RCP
STA. 432+33
ELEV. 1821.38

VPT 434+00.00
EL 1832.38

END "V" SOD DT. LT
STA. 434+00.00
EL. 1828.46

"V" SOD DT. LT
STA. 432+50.00
EL. 1821.45

BEG. "V" SOD DT. LT
STA. 432+00.00
EL. 1824.12

XCP S60 (GPS 18-127-60)
STA. 429+48.44, -55.19'(LT)
N 649387.8351
E 2246016.0440
ELEV 1830.15
ALUM. DISK

PIPE CULVERT		
STATION: 432+33.00 SR-28		
STRUCTURE: 100' - 36" RCP		
SKEW	126°06'18"	DEG.
DRAINAGE AREA	12.84	AC.
DESIGN DISCHARGE (Q50)	29.49	CFS
DESIGN DISCHARGE (Q100)	32.71	CFS
OVERTOPPING	1827.71	ELEV.
ALLOWABLE HEADWATER	1825.59	ELEV.
Q50 HEADWATER	1824.10	ELEV.
Q100 HEADWATER	1824.29	ELEV.
VELOCITY (Q50)	8.84	FT/S
VELOCITY (Q100)	9.04	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL WITH GRATE (2)		
STANDARD DRAWING NOS.: D-PE-36A & D-PE-36B		
QUANTITIES:		
CLASS "A" CONCRETE	8.78	C.Y.
STEEL BAR REINFORCING	776.00	LB.
BEDDING MATERIAL	28.90	C.Y.
ENDWALL ITEM NOS.: 611-07.65	2.00	EACH
STRUCTURAL STEEL	434.00	LB.

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 431+58.63
N 649538.2364
E 2246172.8982

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 431+58.63

XCP S61 (GPS 18-127-61)
STA. 437+35.73, -102.36'(LT)
N 650083.8156
E 2246387.0653
ELEV 1834.89
ALUM. DISK

1880 1875 1870 1865 1860 1855 1850 1845 1840 1835 1830 1825 1820 1815 1810 1805 1800 1795 1790 1785

429+00 430+00 431+00 432+00 433+00 434+00 435+00 436+00 437+00 438+00 439+00 440+00 441+00 442+00

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

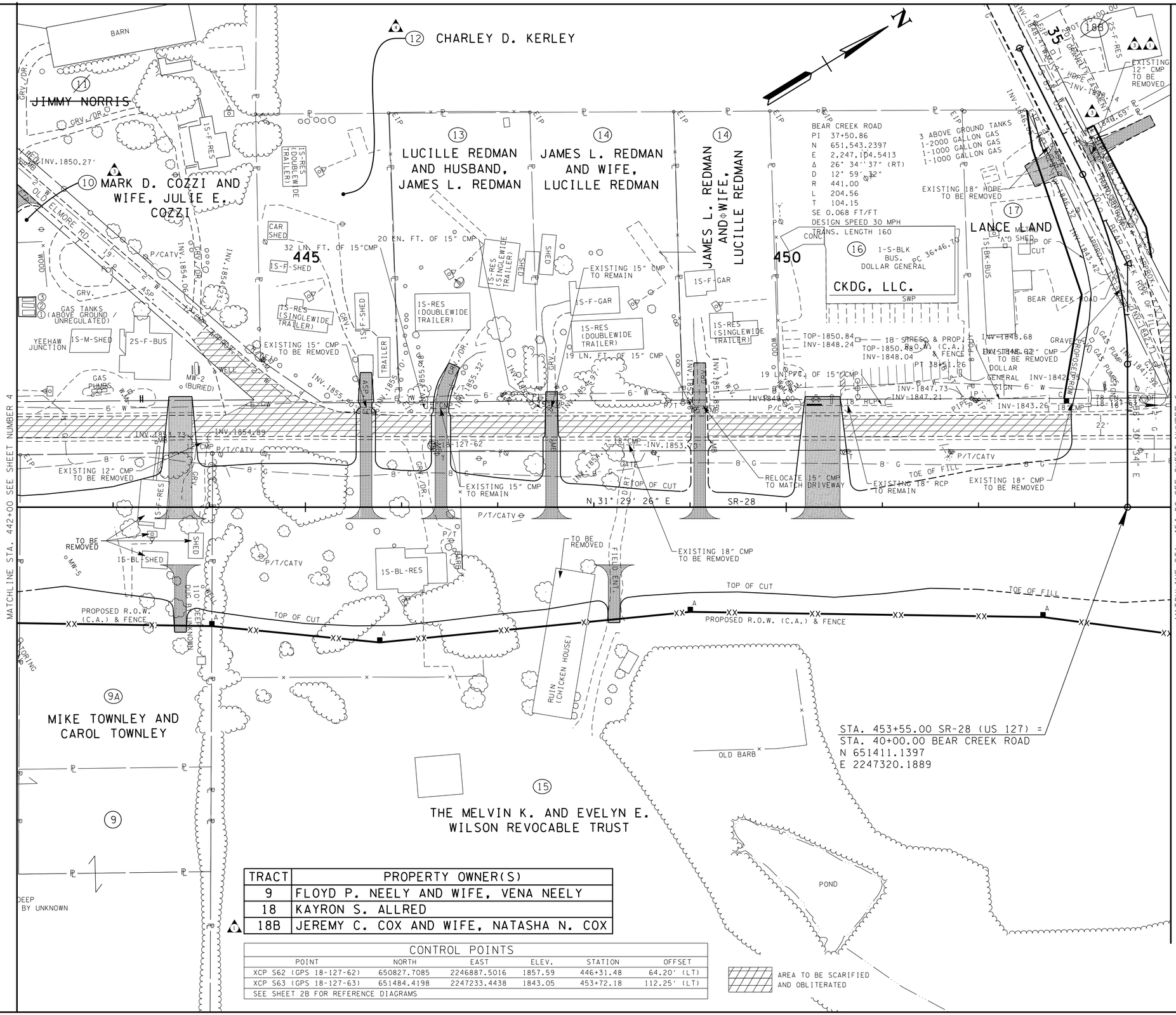
BEGIN PROJ. TO STA. 442+00

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

1/30/2026 2:20:27 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\004C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	5
ROW	2021	HPP/NH-28 (37)	5
PIH	2025	HPP/NH-28 (37)	5

1. REVISED 06-02-2021: ADDED TRACT 18B. REMOVED LINE THROUGH ON TRACTS 12, 13, 14, & 16.
2. REVISED 06-17-2021: UPDATED PROPERTY OWNER FOR TRACTS 13 & 16.
3. REVISED 03-03-2022: LINED THROUGH TRACT 18B AND REVISED PROPOSED ROW ON TRACT 18. UPDATED PROPERTY OWNER FOR TRACT 10.
4. REVISED 07-22-2022: UPDATED OWNER FOR TRACT 12.



TRACT	PROPERTY OWNER(S)
9	FLOYD P. NEELY AND WIFE, VENA NEELY
18	KAYRON S. ALLRED
18B	JEREMY C. COX AND WIFE, NATASHA N. COX

1

CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S62 (GPS 18-127-62)	650827.7085	2246887.5016	1857.59	446+31.48	64.20' (LT)
XCP S63 (GPS 18-127-63)	651484.4198	2247233.4438	1843.05	453+72.18	112.25' (LT)

SEE SHEET 2B FOR REFERENCE DIAGRAMS

AREA TO BE SCARIFIED AND OBLITERATED

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 442+00 TO STA. 454+00
SCALE: 1"= 50'

1/30/2026 2:20:29 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\005.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	5A
ROW	2021	HPP/NH-28 (37)	5A
PIH	2025	HPP/NH-28 (37)	5A

1. REVISED 06-02-2021: ADDED TRACT 18B. REMOVED LINE THROUGH ON TRACTS 12, 13, 14, & 16.
2. REVISED 06-17-2021: UPDATED PROPERTY OWNER FOR TRACTS 13 & 16.
3. REVISED 03-03-2022: LINED THROUGH TRACT 18B AND REVISED PROPOSED ROW ON TRACT 18. UPDATED PROPERTY OWNER FOR TRACT 10.
4. REVISED 07-22-2022: UPDATED OWNER FOR TRACT 12.

(11) ~~JIMMY NORRIS~~

(12) CHARLEY D. KERLEY

(13) LUCILLE REDMAN AND HUSBAND, JAMES L. REDMAN

(14) JAMES L. REDMAN AND WIFE, LUCILLE REDMAN

(14) JAMES L. REDMAN AND WIFE, LUCILLE REDMAN

(10) MARK D. COZZI AND WIFE, JULIE E. COZZI

445

450

(16) CKDG, LLC.

(17) LANCE LAND

(18B)

35

(9A) MIKE TOWNLEY AND CAROL TOWNLEY

(9)

(15) THE MELVIN K. AND EVELYN E. WILSON REVOCABLE TRUST

MATCHLINE STA. 442+00 SEE SHEET NUMBER 4A

MATCHLINE STA. 454+00 SEE SHEET NUMBER 6A

PRESENT R.O.W.

PROPOSED ROW

TOE OF FILL

TOP OF CUT

TOP OF CUT (ULTIMATE)

(INTERIM) TOP OF CUT

TOP OF CUT (INTERIM & ULTIMATE)

PROPOSED R.O.W. (C.A.) & FENCE

PRES. & PROP. R.O.W. (C.A.) & FENCE

PRES./PROP. R.O.W.

SR-28

18-127-62

18-127-63

STA. 453+55.00 SR-28 (US 127) =
STA. 40+00.00 BEAR CREEK ROAD
N 651411.1397
E 2247320.1889

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S62 (GPS 18-127-62)	650827.7085	2246887.5016	1857.59	446+31.48	64.20' (LT)
XCP S63 (GPS 18-127-63)	651484.4198	2247233.4438	1843.05	453+72.18	112.25' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

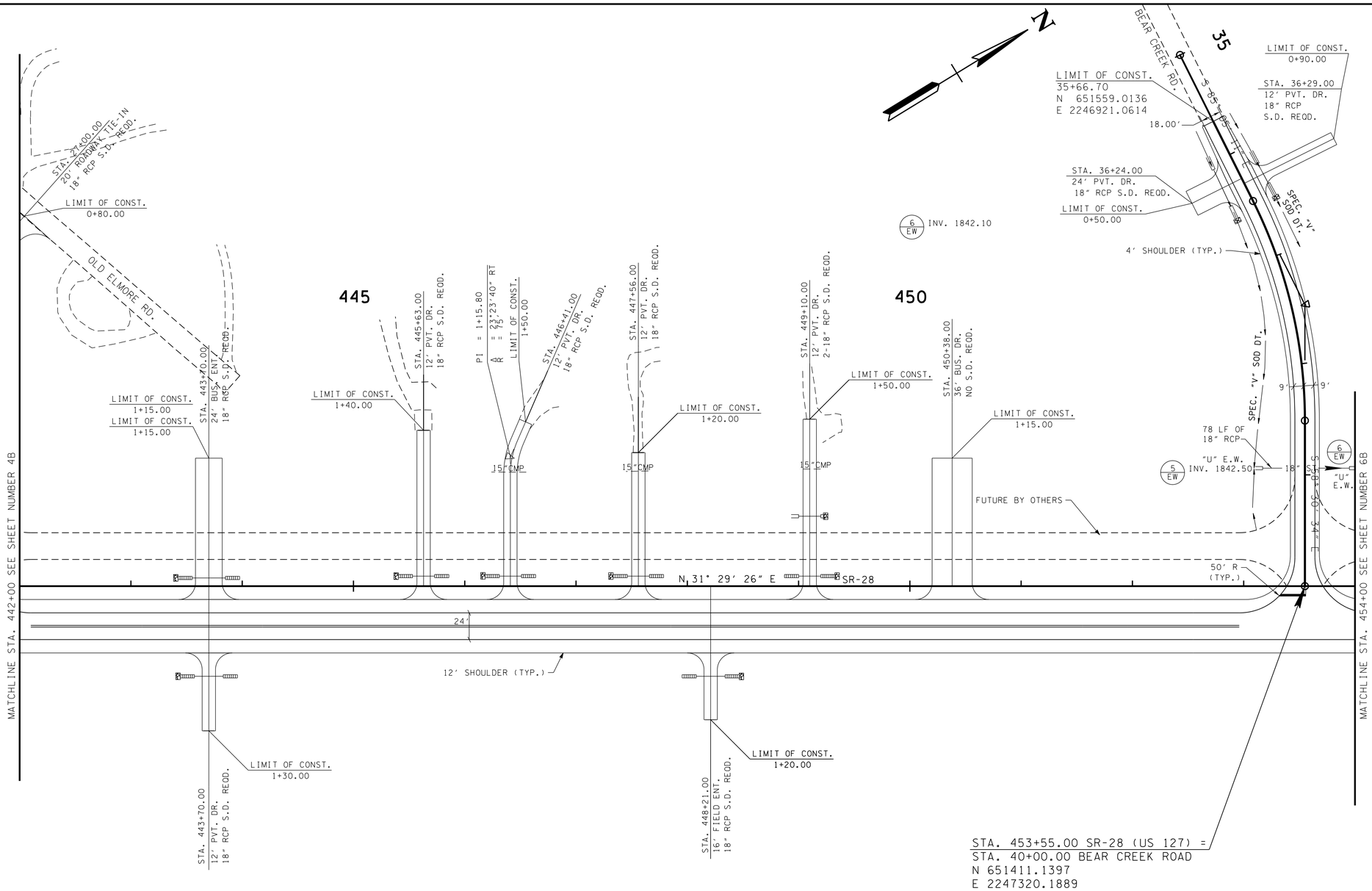
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 442+00 TO STA. 454+00
SCALE: 1"= 50'

1/30/2026 2:20:30 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\005A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	5B
ROW	2020	HPP/NH-28 (37)	5B
PIH	2025	HPP/NH-28 (37)	5B



NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

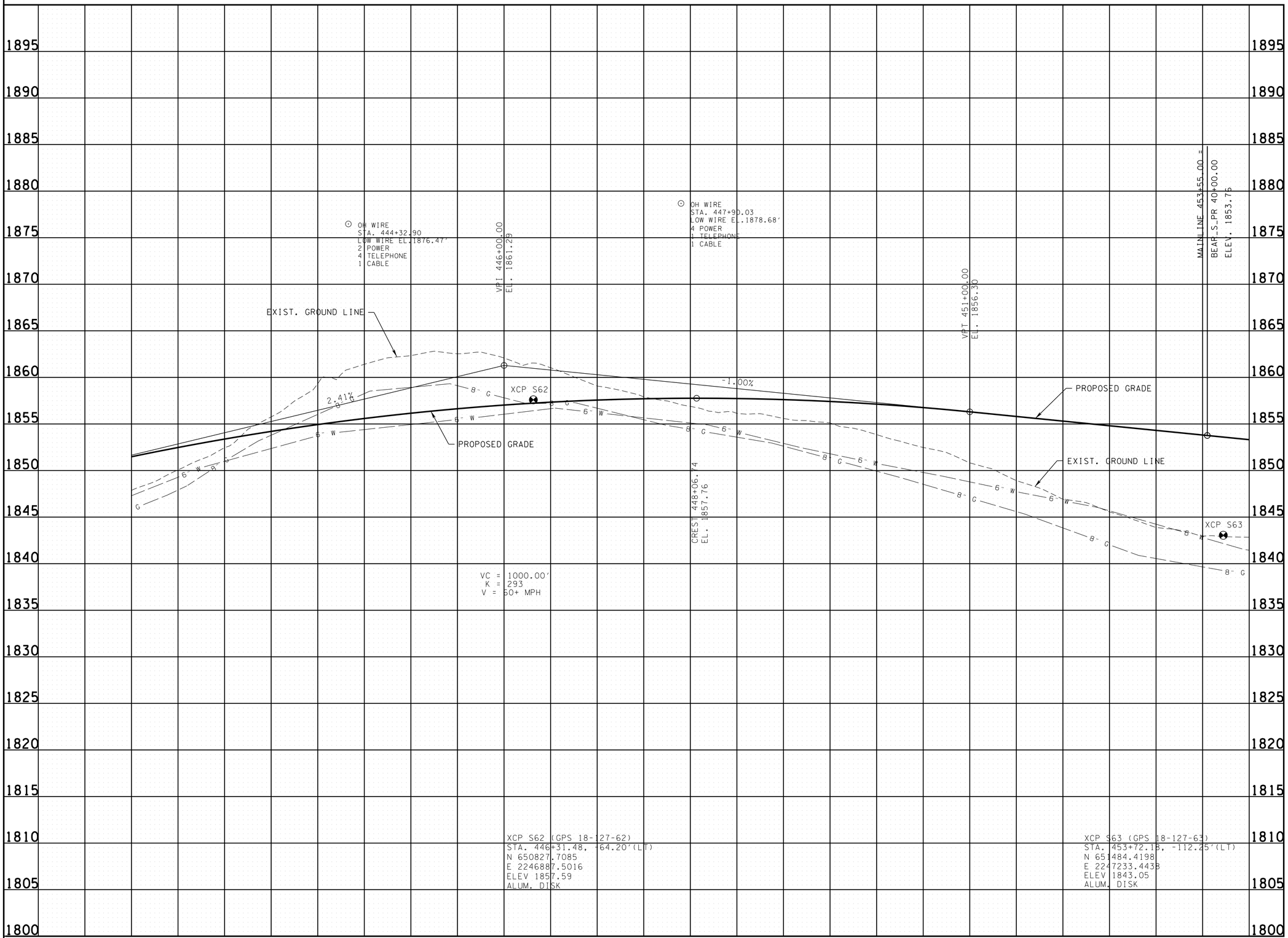
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 442+00 TO STA. 454+00
SCALE: 1"= 50'

1/30/2026 2:20:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\005B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	5C
ROW	2020	HPP/NH-28 (37)	5C
PIH	2025	HPP/NH-28 (37)	5C



1/30/2026 2:20:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\005C.sht

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 442+00 TO STA. 454+00

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

TRACT	PROPERTY OWNER(S)
1 21	WILLIAM BLUNKALL AND WIFE, JANICE BLUNKALL
96	VICKIE L. MONDAY

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	6
ROW	2021	HPP/NH-28 (37)	6
PIH	2025	HPP/NH-28 (37)	6

1 REVISED 06-02-2021: ADDED TRACTS 18B & 19A. ADDED DRIVEWAY TO TRACT 19. REMOVED LINE THROUGH ON TRACTS 18A & 21.

2 REVISED 06-17-2021: UPDATED PROPERTY OWNER FOR TRACT 19.

3 REVISED 03-03-2022: UNLINED PROPERTY OWNER FOR TRACT 21.

LEGEND	WETLAND IMPACTS (WTL-2)
	AREA OF PERMANENT IMPACT = 0.0211 AC.
	VOLUME OF PERMANENT IMPACT = 34 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0260 AC.
	VOLUME OF TEMPORARY IMPACT = 42 C.Y.

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S64 (GPS 18-127-64)	652240.4376	2247753.9106	1844.48	462+87.66	64.41' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

AREA TO BE SCARIFIED AND OBLITERATED

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:20:34 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\006.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	6A
ROW	2021	HPP/NH-28 (37)	6A
PIH	2025	HPP/NH-28 (37)	6A

1. REVISED 06-02-2021: ADDED TRACTS 18B & 19A. ADDED DRIVEWAY TO TRACT 19. REMOVED LINE THROUGH ON TRACTS 18A & 21.
2. REVISED 06-17-2021: UPDATED PROPERTY OWNER FOR TRACT 19.
3. REVISED 03-03-2022: UNLINED PROPERTY OWNER FOR TRACT 21.
4. REVISED 07-05-2022: REVISED BEGIN AND END FENCE CALLOUT LOCATIONS ON TRACT 20.

18B

~~JEREMY C. COX AND WIFE, NATASHA N. COX~~

18

KAYRON S. ALLRED

455

18A

KAYRON ALLRED

96

VICKIE L. MONDAY

95

TRAVIS J. FINDLEY AND JENNIFER R. DARROW

94

ELOISE HINDS

20

BRENDA PARSONS

460

465

21

WILLIAM BLUNKALL AND WIFE, JANICE BLUNKALL

PRESENT/PROPOSED R.O.W.

PROPOSED ROW

PRESENT R.O.W.

TOE OF FILL

TOE OF FILL (ULTIMATE)

TOE OF FILL (INTERIM)

TOP OF CUT

TOP OF CUT (ULTIMATE)

(INTERIM) TOP OF CUT

TOE OF FILL (INTERIM & ULTIMATE)

20' UTILITY EASEMENT

PRESENT R.O.W.

BEGIN FENCE 38+62.54

454+54.27 111.83'

END FENCE 457+68.07

BEGIN FENCE 458+18.07

458+86.37 121.51'

457+57.09 121.34'

END FENCE 48+53.36

48+78.36 60.52'

BEGIN FENCE 48+53.36

48+86.61 65.97'

580+00.00 113.38'

END FENCE 462+62.12

580+00.00 114.48'

BEGIN FENCE 462+91.66

580+00.00 115.09'

END FENCE 464+89.86

END FENCE 466+60.52

465+12.54 124.59'

BEGIN FENCE 465+12.54

455+67.11 153.65'

456+69.74 167.11'

END FENCE 460+48.57

461+08.57 190.01'

BEGIN FENCE 461+08.57

464+63.81 133.56'

STA. 460+50.00 SR-28 (US 127) =
STA. 50+00.00 HINDS ROAD
N 652003.7846
E 2247683.2274

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S64 (GPS 18-127-64)	652240.4376	2247753.9106	1844.48	462+87.66	64.41' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

15

THE MELVIN K. AND EVELYN E. WILSON REVOCABLE TRUST

19

DAVID CRABTREE AND WIFE, HELEN CRABTREE

19A

EMANUEL P. CRABTREE AND WIFE BRENDA CRABTREE

MATCHLINE STA. 454+00 SEE SHEET NUMBER 5A

MATCHLINE STA. 467+00 SEE SHEET NUMBER 7A

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

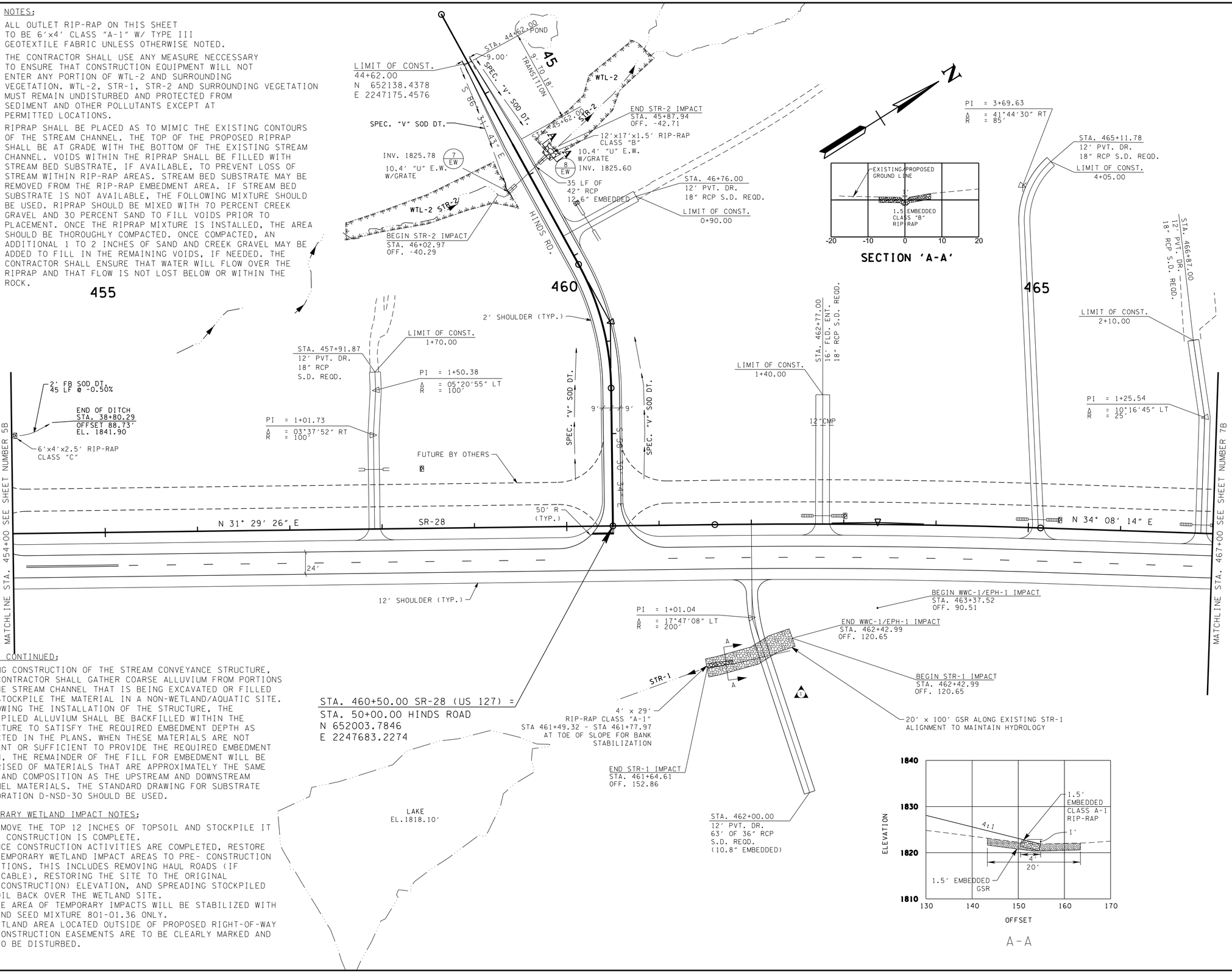
RIGHT OF WAY DETAILS

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:20:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\006A.sht

NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL USE ANY MEASURE NECCESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-2 AND SURROUNDING VEGETATION. WTL-2, STR-1, STR-2 AND SURROUNDING VEGETATION MUST REMAIN UNDISTURBED AND PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT PERMITTED LOCATIONS.
3. RIPRAP SHALL BE PLACED AS TO MIMIC THE EXISTING CONTOURS OF THE STREAM CHANNEL. THE TOP OF THE PROPOSED RIPRAP SHALL BE AT GRADE WITH THE BOTTOM OF THE EXISTING STREAM CHANNEL. VOIDS WITHIN THE RIPRAP SHALL BE FILLED WITH STREAM BED SUBSTRATE, IF AVAILABLE, TO PREVENT LOSS OF STREAM WITHIN RIP-RAP AREAS. STREAM BED SUBSTRATE MAY BE REMOVED FROM THE RIP-RAP EMBEDMENT AREA. IF STREAM BED SUBSTRATE IS NOT AVAILABLE, THE FOLLOWING MIXTURE SHOULD BE USED. RIPRAP SHOULD BE MIXED WITH 70 PERCENT CREEK GRAVEL AND 30 PERCENT SAND TO FILL VOIDS PRIOR TO PLACEMENT. ONCE THE RIPRAP MIXTURE IS INSTALLED, THE AREA SHOULD BE THOROUGHLY COMPACTED. ONCE COMPACTED, AN ADDITIONAL 1 TO 2 INCHES OF SAND AND CREEK GRAVEL MAY BE ADDED TO FILL IN THE REMAINING VOIDS, IF NEEDED. THE CONTRACTOR SHALL ENSURE THAT WATER WILL FLOW OVER THE RIPRAP AND THAT FLOW IS NOT LOST BELOW OR WITHIN THE ROCK.



NOTES CONTINUED:

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

TEMPORARY WETLAND IMPACT NOTES:

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	6B
ROW	2021	HPP/NH-28 (37)	6B
PIH	2025	HPP/NH-27 (37)	6B

1 REVISED 06-02-2021: ADDED DRIVEWAY TO TRACT 19.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

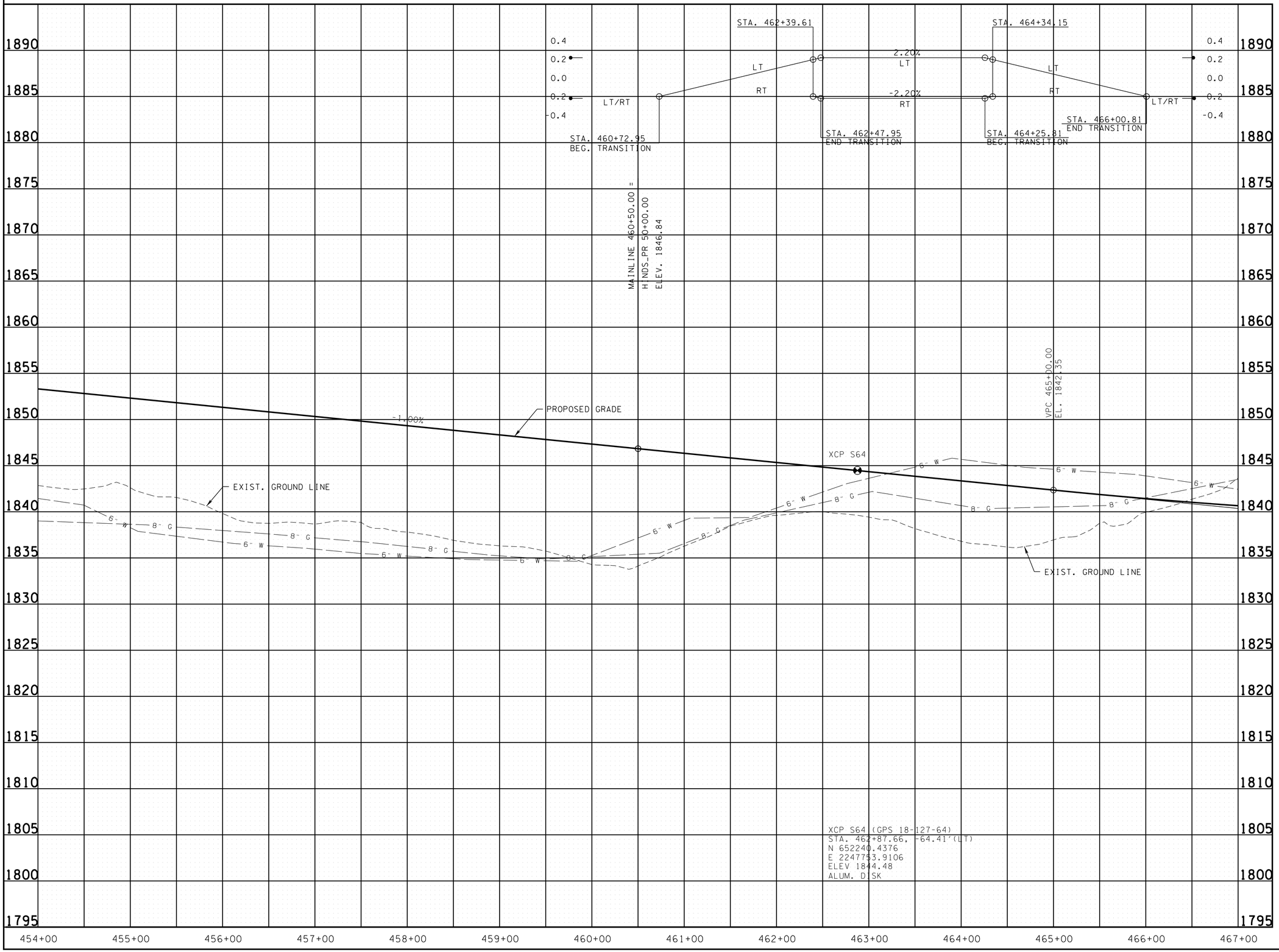
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:20:37 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\006B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	6C
ROW	2020	HPP/NH-28 (37)	6C
PIH	2025	HPP/NH-27 (37)	6C



XCP S64 (GPS 18-127-64)
STA. 462+87.66, -64.41'(LT)
N 652240.4376
E 2247753.9106
ELEV 1844.48
ALUM. DISK

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 454+00 TO STA. 467+00

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

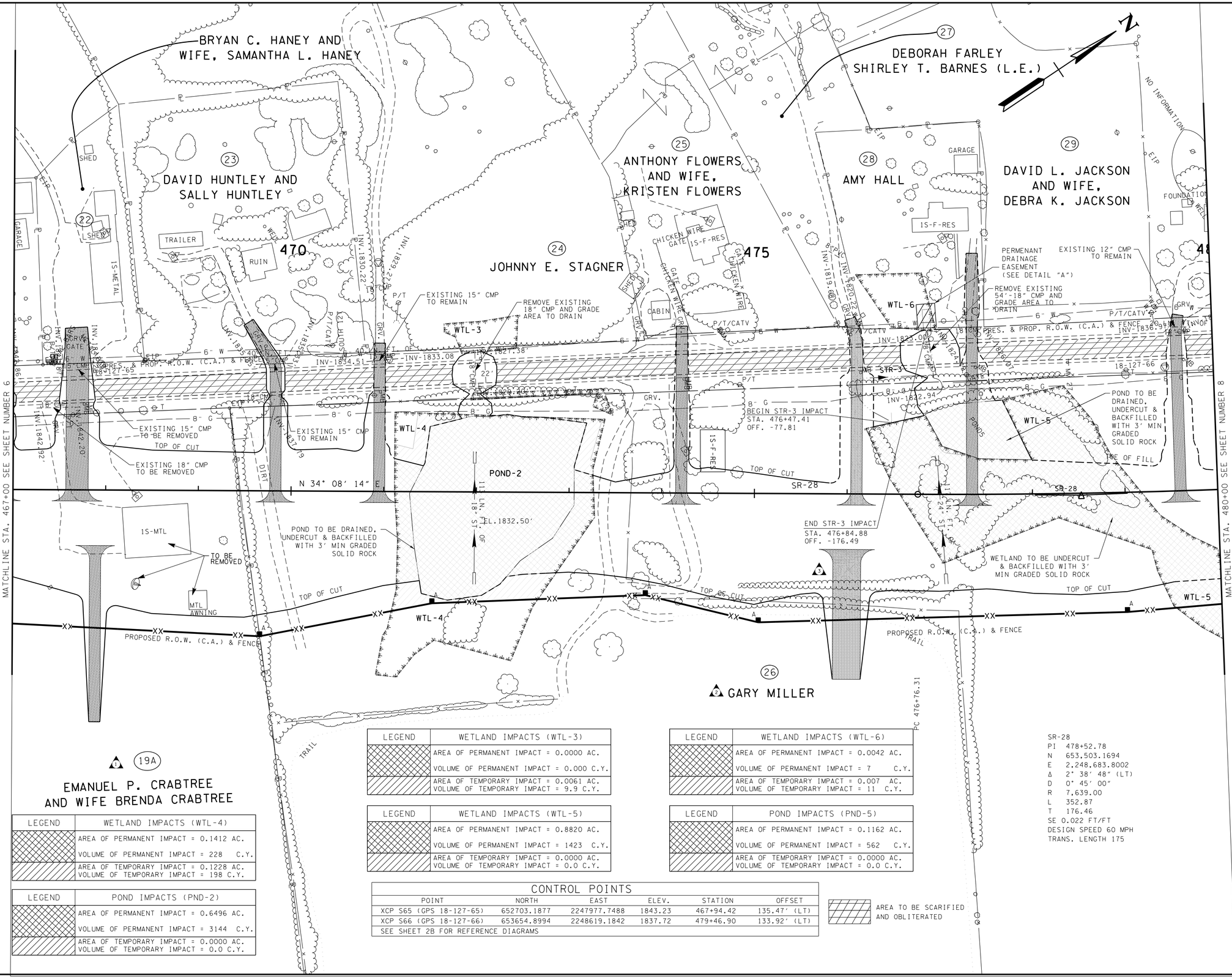
1/30/2026 2:20:38 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\006C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	7
ROW	2021	HPP/NH-28 (37)	7
PIH	2025	HPP/NH-27 (37)	7

1 REVISED 06-02-2021: ADDED TRACT 19A. REMOVED LINE THROUGH ON TRACTS 22, 23, 24, 25, 27, 28, & 29.

2 REVISED 03-03-2022: UPDATED PROPERTY OWNER FOR TRACT 26.

3 REVISED 06-06-2023: MOVED PRIVATE DRIVE ON TRACT 26 TO STATION 476+00.00.



LEGEND	WETLAND IMPACTS (WTL-3)
	AREA OF PERMANENT IMPACT = 0.0000 AC. VOLUME OF PERMANENT IMPACT = 0.000 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0061 AC. VOLUME OF TEMPORARY IMPACT = 9.9 C.Y.

LEGEND	WETLAND IMPACTS (WTL-4)
	AREA OF PERMANENT IMPACT = 0.1412 AC. VOLUME OF PERMANENT IMPACT = 228 C.Y.
	AREA OF TEMPORARY IMPACT = 0.1228 AC. VOLUME OF TEMPORARY IMPACT = 198 C.Y.

LEGEND	WETLAND IMPACTS (WTL-5)
	AREA OF PERMANENT IMPACT = 0.8820 AC. VOLUME OF PERMANENT IMPACT = 1423 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0000 AC. VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

LEGEND	WETLAND IMPACTS (WTL-6)
	AREA OF PERMANENT IMPACT = 0.0042 AC. VOLUME OF PERMANENT IMPACT = 7 C.Y.
	AREA OF TEMPORARY IMPACT = 0.007 AC. VOLUME OF TEMPORARY IMPACT = 11 C.Y.

LEGEND	POND IMPACTS (PND-2)
	AREA OF PERMANENT IMPACT = 0.6496 AC. VOLUME OF PERMANENT IMPACT = 3144 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0000 AC. VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

LEGEND	POND IMPACTS (PND-5)
	AREA OF PERMANENT IMPACT = 0.1162 AC. VOLUME OF PERMANENT IMPACT = 562 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0000 AC. VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S65 (GPS 18-127-65)	652703.1877	2247977.7488	1843.23	467+94.42	135.47' (LT)
XCP S66 (GPS 18-127-66)	653654.8994	2248619.1842	1837.72	479+46.90	133.92' (LT)

SEE SHEET 2B FOR REFERENCE DIAGRAMS

AREA TO BE SCARIFIED AND OBLITERATED

SR-28
PI 478+52.78
N 653,503.1694
E 2,248,683.8002
Δ 2° 38' 48" (LT)
D 0° 45' 00"
R 7,639.00
L 352.87
T 176.46
SE 0.022 FT/FT
DESIGN SPEED 60 MPH
TRANS. LENGTH 175

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:20:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\007.sht

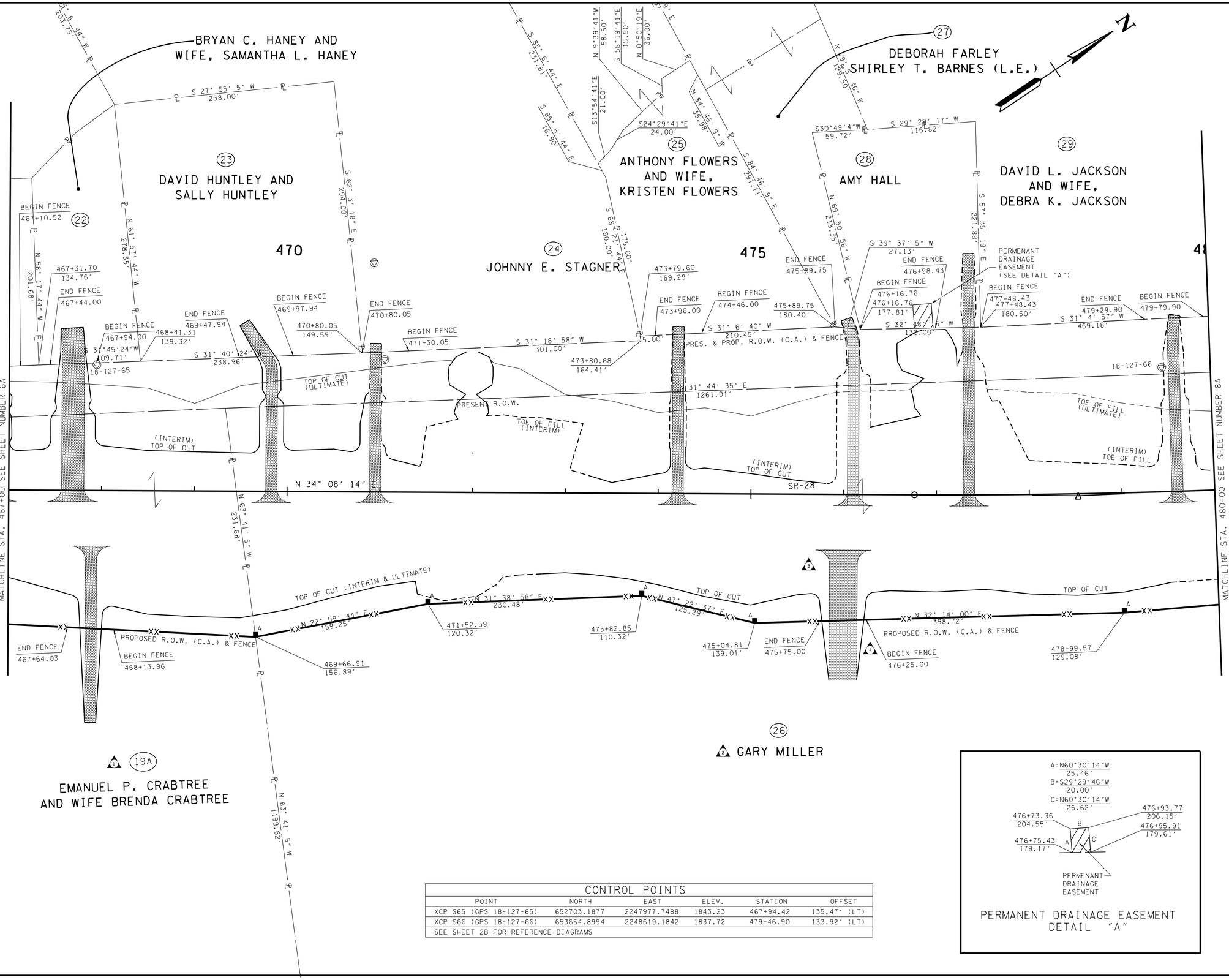
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	7A
ROW	2021	HPP/NH-28 (37)	7A
PIH	2025	HPP/NH-27 (37)	7A

1 REVISED 06-02-2021: ADDED TRACT 19A. REMOVED LINE THROUGH ON TRACTS 22, 23, 24, 25, 27, 28, & 29.

2 REVISED 03-03-2022: UPDATED PROPERTY OWNER FOR TRACT 26.

3 REVISED 06-06-2023: MOVED PRIVATE DRIVE ON TRACT 26 TO STATION 476+00.00.

4 REVISED 11-20-2023: MODIFIED BREAK IN C.A. FENCE ON TRACT 26.



CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S65 (GPS 18-127-65)	652703.1877	2247977.7488	1843.23	467+94.42	135.47' (LT)
XCP S66 (GPS 18-127-66)	653654.8994	2248619.1842	1837.72	479+46.90	133.92' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

PERMANENT DRAINAGE EASEMENT DETAIL "A"

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:20:42 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\007A.sht

NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL USE ANY MEASURE NECCESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-3,WTL-4,WTL-5,WTL-6, STR-3 AND SURROUNDING VEGETATION. WTL-3,WTL-4,WTL-5,WTL-6, STR-3 AND SURROUNDING VEGETATION MUST REMAIN UNDISTURBED AND PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT PERMITTED LOCATIONS.

NOTES CONTINUED:

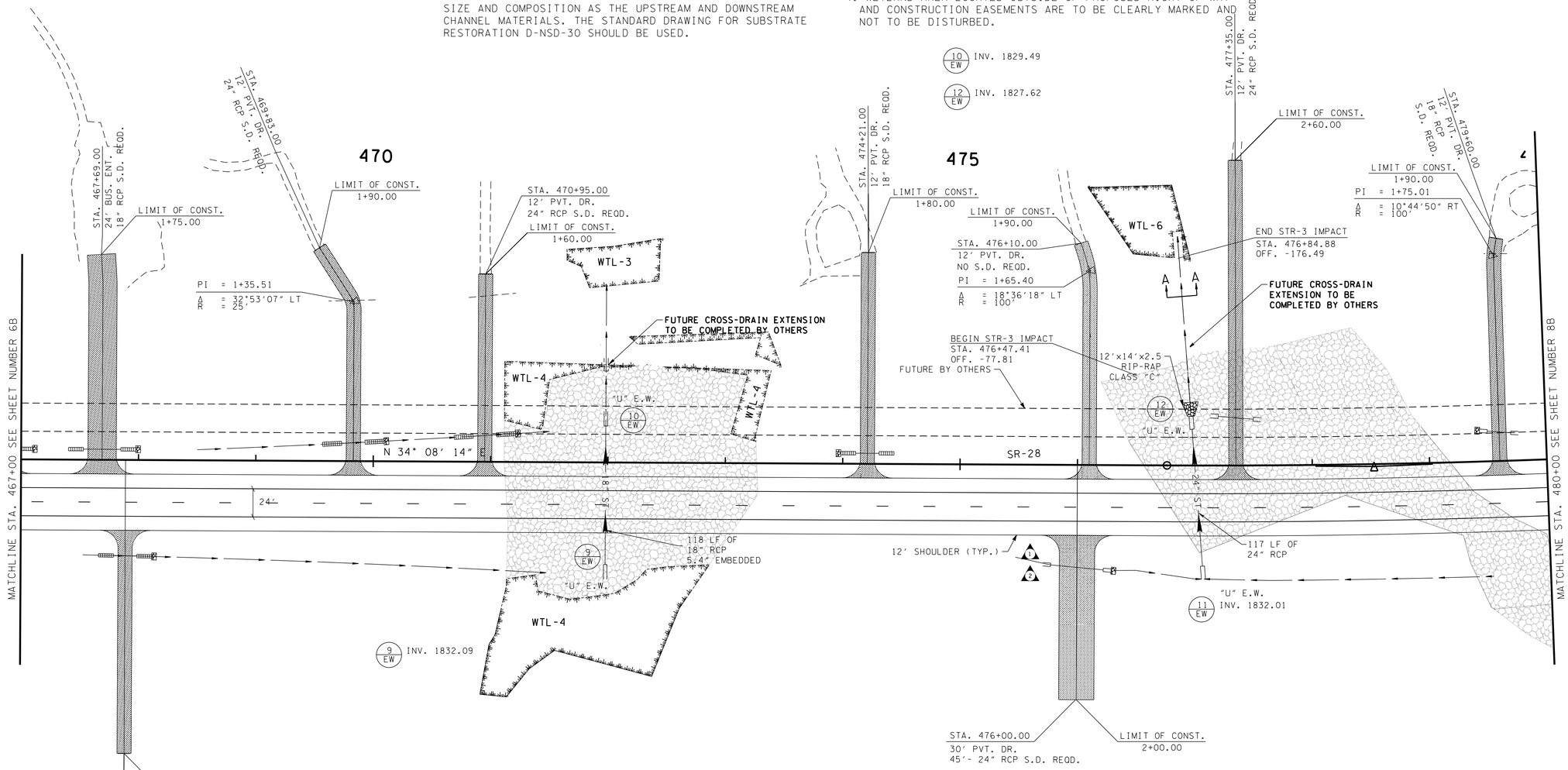
3. DURING CONSTRUCTION OF THE WETLAND CONVEYANCE STRUCTURE, THE CONTRACTOR SHALL GATHER COARSE ALLUVIUM FROM PORTIONS OF THE WETLAND THAT IS BEING EXCAVATED OR FILLED AND STOCKPILE THE MATERIAL IN A NON-WETLAND/AQUATIC SITE. FOLLOWING THE INSTALLATION OF THE STRUCTURE, THE STOCKPILED ALLUVIUM SHALL BE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

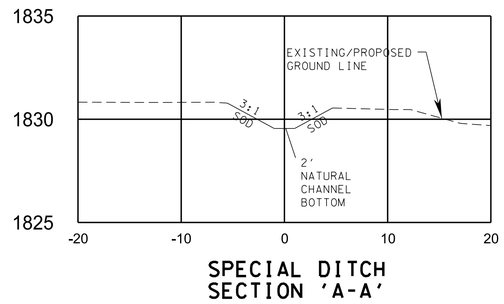
TEMPORARY WETLAND IMPACT NOTES:

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

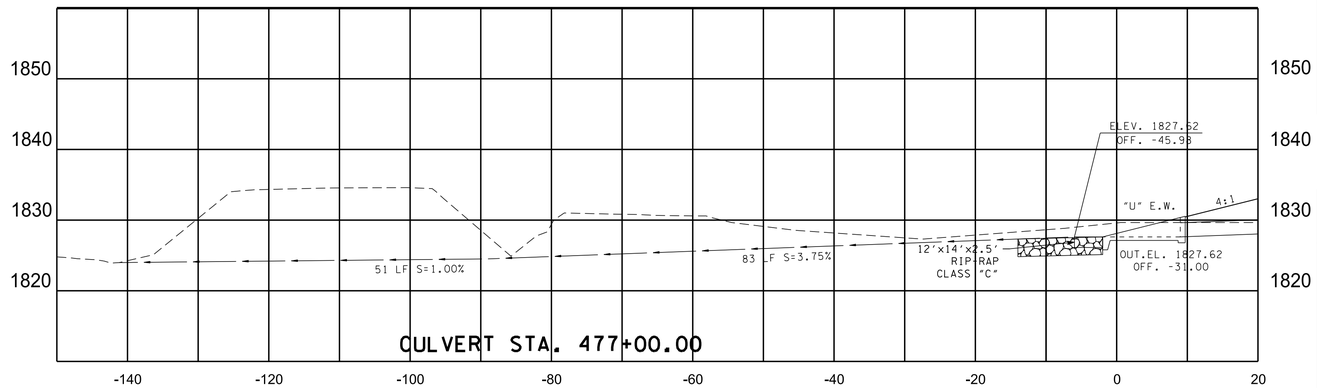
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	7B
ROW	2020	HPP/NH-28 (37)	7B
PIH	2025	HPP/NH-28 (37)	7B

1 REVISED 06-06-2023: MOVED PRIVATE DRIVE AND ADDED SIDE DRAIN ON TRACT 26 AT STATION 476+00.00.





SPECIAL DITCH SECTION 'A-A'



CULVERT STA. 477+00.00

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

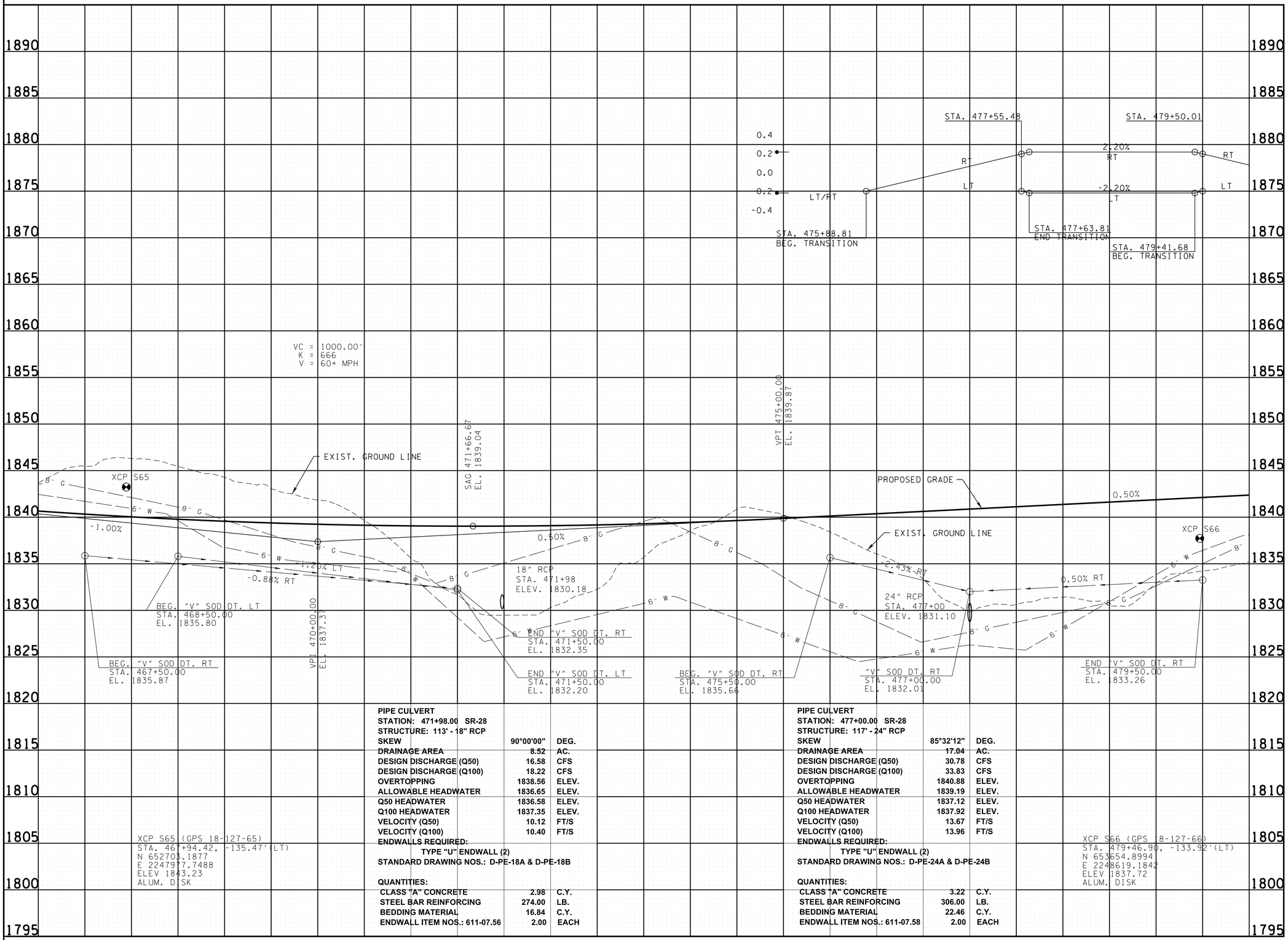
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:20:44 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\007B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-27 (37)	7C
ROW	2020	HPP/NH-28 (37)	7C
PIH	2025	HPP/NH-28 (37)	7C



PIPE CULVERT		
STATION: 471+98.00 SR-28		
STRUCTURE: 113' - 18" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	8.52	AC.
DESIGN DISCHARGE (Q50)	16.58	CFS
DESIGN DISCHARGE (Q100)	18.22	CFS
OVERTOPPING	1838.56	ELEV.
ALLOWABLE HEADWATER	1836.65	ELEV.
Q50 HEADWATER	1836.58	ELEV.
Q100 HEADWATER	1837.35	ELEV.
VELOCITY (Q50)	10.12	FT/S
VELOCITY (Q100)	10.40	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	2.98	C.Y.
STEEL BAR REINFORCING	274.00	LB.
BEDDING MATERIAL	16.84	C.Y.
ENDWALL ITEM NOS.: 611-07.56	2.00	EACH

PIPE CULVERT		
STATION: 477+00.00 SR-28		
STRUCTURE: 117' - 24" RCP		
SKEW	85°32'12"	DEG.
DRAINAGE AREA	17.04	AC.
DESIGN DISCHARGE (Q50)	30.78	CFS
DESIGN DISCHARGE (Q100)	33.83	CFS
OVERTOPPING	1840.88	ELEV.
ALLOWABLE HEADWATER	1839.19	ELEV.
Q50 HEADWATER	1837.12	ELEV.
Q100 HEADWATER	1837.92	ELEV.
VELOCITY (Q50)	13.67	FT/S
VELOCITY (Q100)	13.96	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B		
QUANTITIES:		
CLASS "A" CONCRETE	3.22	C.Y.
STEEL BAR REINFORCING	306.00	LB.
BEDDING MATERIAL	22.46	C.Y.
ENDWALL ITEM NOS.: 611-07.58	2.00	EACH

XCP S65 (GPS 18-127-65)
STA. 467+94.42, -135.47'(LT)
N 652703.1877
E 2247977.7488
ELEV 1843.23
ALUM. DISK

XCP S66 (GPS 18-127-66)
STA. 479+46.90, -133.92'(LT)
N 653654.8994
E 2248619.1842
ELEV 1837.72
ALUM. DISK

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 467+00 TO STA. 480+00

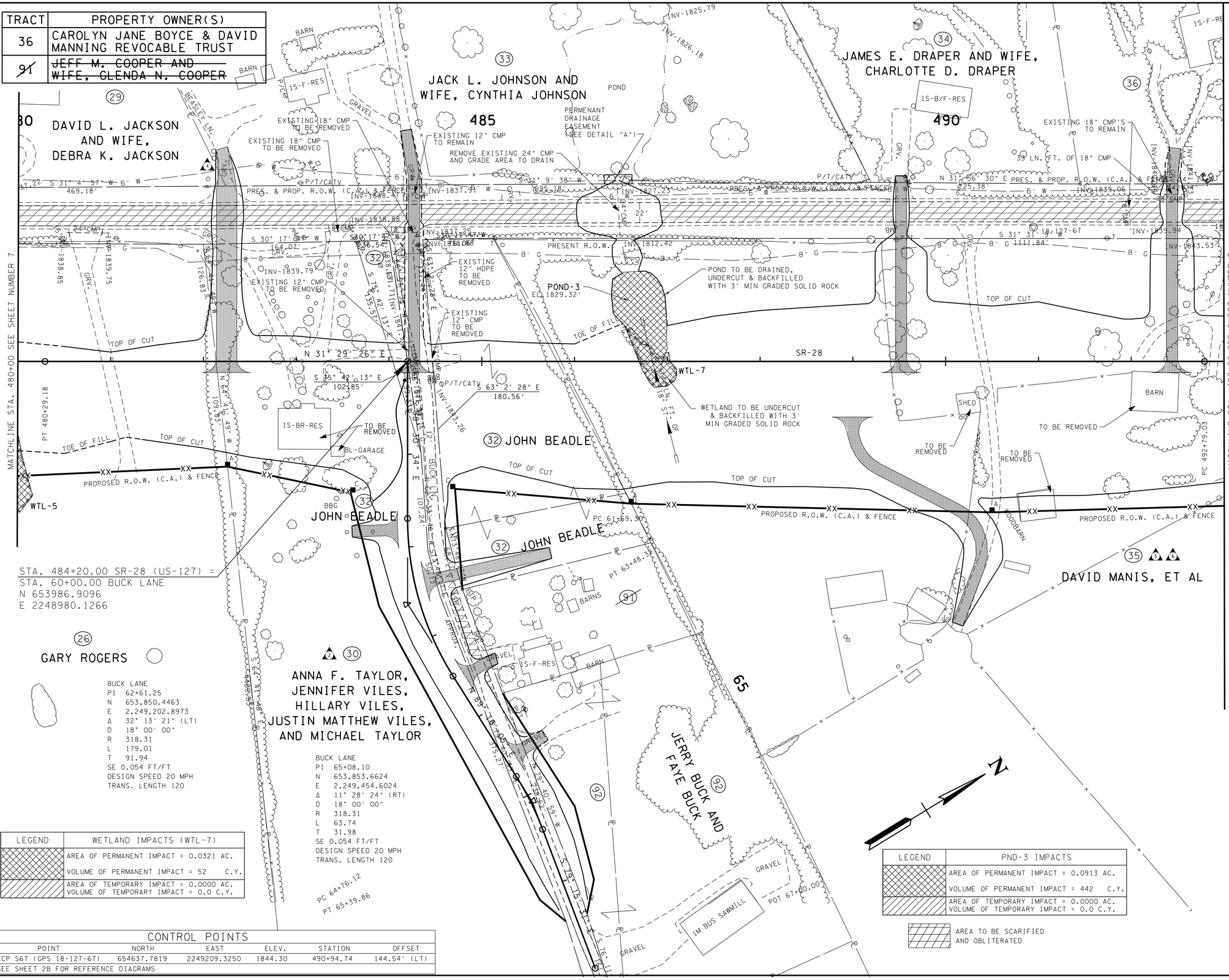
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

1/30/2026 2:20:46 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\007C.sht

TRACT	PROPERTY OWNER(S)
36	CAROLYN JANE BOYCE & DAVID MANNING REVOCABLE TRUST
~~91~~	~~JEFF M. COOPER AND WIFE, GLENDA N. COOPER~~

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	8
ROW	2021	HPP/NH-28 (37)	8
PIH	2025	HPP/NH-28 (37)	8

1. REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 29, 33, 34, & 36.
2. REVISED 06-17-2021: UPDATED PROPERTY OWNER FOR TRACT 30. REMOVED LINE THROUGH ON TRACT 36 OWNER.
3. REVISED 07-22-2022: UPDATED PROPERTY OWNER FOR TRACT 36.
4. REVISED 06-06-2023: ADDED PRIVATE DRIVE AT 482+25.00 ON TRACTS 29/33.
5. REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACT 35.
6. REVISED 04-05-2024: UPDATED PROPERTY OWNER INFO ON TRACT 35.



LEGEND	WETLAND IMPACTS (WTL-7)
	AREA OF PERMANENT IMPACT = 0.0321 AC.
	VOLUME OF PERMANENT IMPACT = 52 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0000 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

LEGEND	PND-3 IMPACTS
	AREA OF PERMANENT IMPACT = 0.0913 AC.
	VOLUME OF PERMANENT IMPACT = 442 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0000 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

AREA TO BE SCARIFIED AND OBLITERATED

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S67 (GPS 18-127-67)	654637.7819	2249209.3250	1844.30	490+94.74	144.54' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:20:48 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\008.sht

TRACT	PROPERTY OWNER(S)
36	CAROLYN JANE BOYCE & DAVID MANNING REVOCABLE TRUST
~~91~~	~~JEFF M. COOPER AND WIFE, GLENDA N. COOPER~~

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	8A
ROW	2021	HPP/NH-28 (37)	8A
PIH	2025	HPP/NH-27 (37)	8A

1. REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 29, 33, 34, & 36.
2. REVISED 06-17-2021: UPDATED PROPERTY OWNER FOR TRACT 30. REMOVED LINE THROUGH ON TRACT 36 OWNER.
3. REVISED 03-03-2022: UPDATED ROW CALLOUT ON TRACT 35.
4. REVISED 07-22-2022: UPDATED PROPERTY OWNER FOR TRACT 36.
5. REVISED 06-06-2023: ADDED PRIVATE DRIVE AT 482+25.00 ON TRACTS 29/33.
6. REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACT 35.
7. REVISED 11-20-2023: ADDED BREAK IN C.A. FENCE FOR DRIVEWAY ON TRACTS 29/33.
8. REVISED 04-05-2024: UPDATED PROPERTY OWNER INFO FOR TRACT 35.

29 DAVID L. JACKSON AND WIFE, DEBRA K. JACKSON

30 DAVID L. JACKSON AND WIFE, DEBRA K. JACKSON

33 JACK L. JOHNSON AND WIFE, CYNTHIA JOHNSON

34 JAMES E. DRAPER AND WIFE, CHARLOTTE D. DRAPER

36

485

490

PERMENANT DRAINAGE EASEMENT (SEE DETAIL "A")

BEGIN FENCE 484+52.00

END FENCE 482+00.00

BEGIN FENCE 482+50.00

END FENCE 484+02.00

482+24.30 188.88'

S 31° 4' 57" W 469.18'

S 31° 9' 38" W 695.18'

484+36.49 131.02'

485+12.53 132.61'

484+00.60 130.28'

S30°17'47"W 36.54'

S30°17'47"W 76.06'

S 30° 17' 47" W 164.07'

483+64.07 129.51'

PRES. & PROP. R.O.W. (C.A.) & FENCE

PRESENT R.O.W.

TOP OF CUT (ULTIMATE)

TOP OF CUT (INTERIM)

TOP OF CUT(INTERIM)

TOE OF FILL

END FENCE 489+27.00

BEGIN FENCE 489+77.00

N 31° 56' 30" E 225.38'

489+19.46 192.88'

S 31° 3' 30" E 200.00'

END FENCE 492+19.00

491+44.83 191.10'

BEGIN FENCE 492+69.00

S 31° 4' 41" W 342.24'

E.I.P.

S 31° 37' 18" W 1111.84'

18+127.67

SR-28

N 31° 29' 26" E

484+19.95

484+04.14

484+46.88

485+81.44

S 75° 42' 13" E 102.85'

S 63° 2' 28" E 180.56'

N 64° 41' 49" W 126.83'

N 64° 41' 49" W 109.93'

S 75° 42' 13" E 135.57'

131.71'

N 66° 51' 31" W

S 63° 2' 28" E 114.44'

S 66° 57' 31" E 99.53'

S 66° 58' 30" E 34"

S 85° 57' 58" E 309.53'

N 85° 6' 56" W 431.00'

S 63° 3' 30" E 200.00'

MATCHLINE STA. 480+00 SEE SHEET NUMBER 7A

MATCHLINE STA. 493+00 SEE SHEET NUMBER 9A

N 28° 56' 34" E 328.93'

PROPOSED R.O.W. (C.A.) & FENCE

N 43° 16' 09" E 135.39'

482+25.99 113.34'

483+58.52 140.98'

484+34.55 98.25'

32 JOHN BEADLE

END FENCE 61+58.58

62+53.51 43.34'

484+71.21 137.31'

TOP OF CUT

486+16.87 149.56'

486+61.06 153.28'

TOP OF CUT (INTERIM & ULTIMATE)

BEGIN FENCE 61+62.23

S 36° 17' 54" W 190.32'

S 20° 25' 197.78'

N 62° 41' 06" W 108.73'

N 32° 51' 55" E 389.05'

PROPOSED R.O.W. (C.A.) & FENCE

END FENCE 489+91.09

BEGIN FENCE 490+41.07

N 29° 53' 58" E (22.09')

PROPOSED R.O.W. (C.A.) & FENCE

490+50.00 162.61'

35 DAVID MANIS, ET AL

N 62° 33' 46" W 107.24'

S 73° 48' 50" E 50.31'

S 17° 37' 19" W 210.29'

62+60.60 48.09'

91

N S 79° 40' 59" E 120.00'

S 14° 29' 51" W 110.95'

N 14° 29' 51" E 110.00'

N 79° 40' 59" W 110.00'

S 85° 53' 50" E 372.85'

63+92.56 35.29'

N 88° 55' 30" E 144.28'

65+30.12 41.31'

S 73° 16' 18" E 81.64'

S 62° 42' 26" E 409.44'

66+10.06 32.63'

S 46° 55' 27" E 37.57'

66+41.80 12.53'

66+10.06 29.67'

N 70° 59' 07" E 36.57'

66+41.80 11.52'

N 79° 40' 53" W 238.62'

S 79° 15' 31" E

S 64° 41' 49" E 4465.83'

N 82° 14' 22" E 315.27'

STA. 484+20.00 SR-28 (US-127) = STA. 60+00.00 BUCK LANE
N 653986.9096
E 2248980.1266

26 GARY ROGERS

30 ANNA F. TAYLOR, JENNIFER VILES, HILLARY VILES, JUSTIN MATTHEW VILES, AND MICHAEL TAYLOR

92 JERRY BUCK AND FAYE BUCK

65

A=N58°50'22"W 10.00'
B=S31°9'38"W 30.00'
C=N58°50'22"W 10.00'

486+31.91 201.22

486+61.91 201.40

486+31.97 191.22

486+61.97 191.40

PRES. & PROP. R.O.W. (C.A.) & FENCE

PERMANENT DRAINAGE EASEMENT

PERMANENT DRAINAGE EASEMENT DETAIL "A"
SCALE: 1"=100'

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S67 (GPS 18-127-67)	654637.7819	2249209.3250	1844.30	490+94.74	74.54' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:20:50 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\008A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	8B
ROW	2020	HPP/NH-28 (37)	8B
PIH	2025	HPP/NH-27 (37)	8B

1 REVISED 06-06-2023: ADDED PRIVATE DRIVE AND SIDE DRAIN ON TRACT 29 AT 482+25.00.

MATCHLINE STA. 480+00 SEE SHEET NUMBER 7B

MATCHLINE STA. 493+00 SEE SHEET NUMBER 9B

N 31° 29' 26" E

SR-28

STA. 482+25.00
22' PVT. DR.
56'-18" RCP
S.D. REQD.

LIMIT OF CONST.
2+30.00

PI = 2+11.80
Δ = 15°36'59" LT
R = 90'

STA. 484+27.00
12' PVT. DR.
2-18" RCP
S.D. REQD.

LIMIT OF CONST.
2+50.00

PI = 199+45.00
Δ = 10°01'47" LT
R = 25'

485

POND

14 EW INV. 1827.20

END OF DITCH
STA. 486+45.97
OFFSET 195.17'
EL.1825.81

83 LF @ -0.50%

2' FB SOD DT.

FUTURE CROSS-DRAIN EXTENSION
TO BE COMPLETED BY OTHERS

77 LF @ -1.35%

11'x13'x2.5' RIP-RAP
CLASS "C"

"U" E.W.
14 EW

SPEC. "V" SOD DT.

18" ST.

144 LF OF
18" RCP

"U" E.W.
13 EW
INV. 1829.15

PI = 0+99.88
Δ = 62°51'54" LT
R = 50'

490

STA. 489+52.00
12' PVT. DR.
18" RCP S.D. REQD.

LIMIT OF CONST.
2+00.00

FUTURE BY OTHERS

STA. 492+44.00
12' PVT. DR.
18" RCP S.D. REQD.

LIMIT OF CONST.
2+30.00

PI = 2+59.07
Δ = 83°39'56" RT
R = 50'

12' SHOULDER (TYP.)

24'

S 58° 30' 34" E

50' R
(TYP.)

SPEC. "V" SOD DT.

SPEC. "V" SOD DT.

9' 9'

STA. 61+81.00
12' PVT. DR.
18" RCP S.D. REQD.
LIMIT OF CONST.
0+60.00

LIMIT OF CONST.
1+00.00

STA. 62+40.00
12' PVT. DR.
18" RCP S.D. REQD.

LIMIT OF CONST.
1+50.00

STA. 484+20.00 SR-28 (US-127) =
STA. 60+00.00 BUCK LANE
N 653986.9096
E 2248980.1266

PI = 0+42.57
Δ = 16°19'38" RT
R = 50'

2' SHOULDER (TYP.)

STA. 63+55.00
12' PVT. DR.
18" RCP S.D. REQD.

LIMIT OF CONST.
0+50.00

N 89° 16' 05" E

STA. 64+55.00
12' PVT. DR.
18" RCP S.D. REQD.

LIMIT OF CONST.
0+50.00

SPEC. "V" SOD DT.

SPEC. "V" SOD DT.

STA. 65+75.00
18" TO 13"
TRANSITION

S 79° 15' 31" E

13.00'

STA. 66+28.00

LIMIT OF CONST.
66+28.00
N 653831.2758
E 2249572.6133

STA. 489+00.00
12' PVT. DR.
18" RCP S.D. REQD.

LIMIT OF CONST.
3+60.00

65

NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

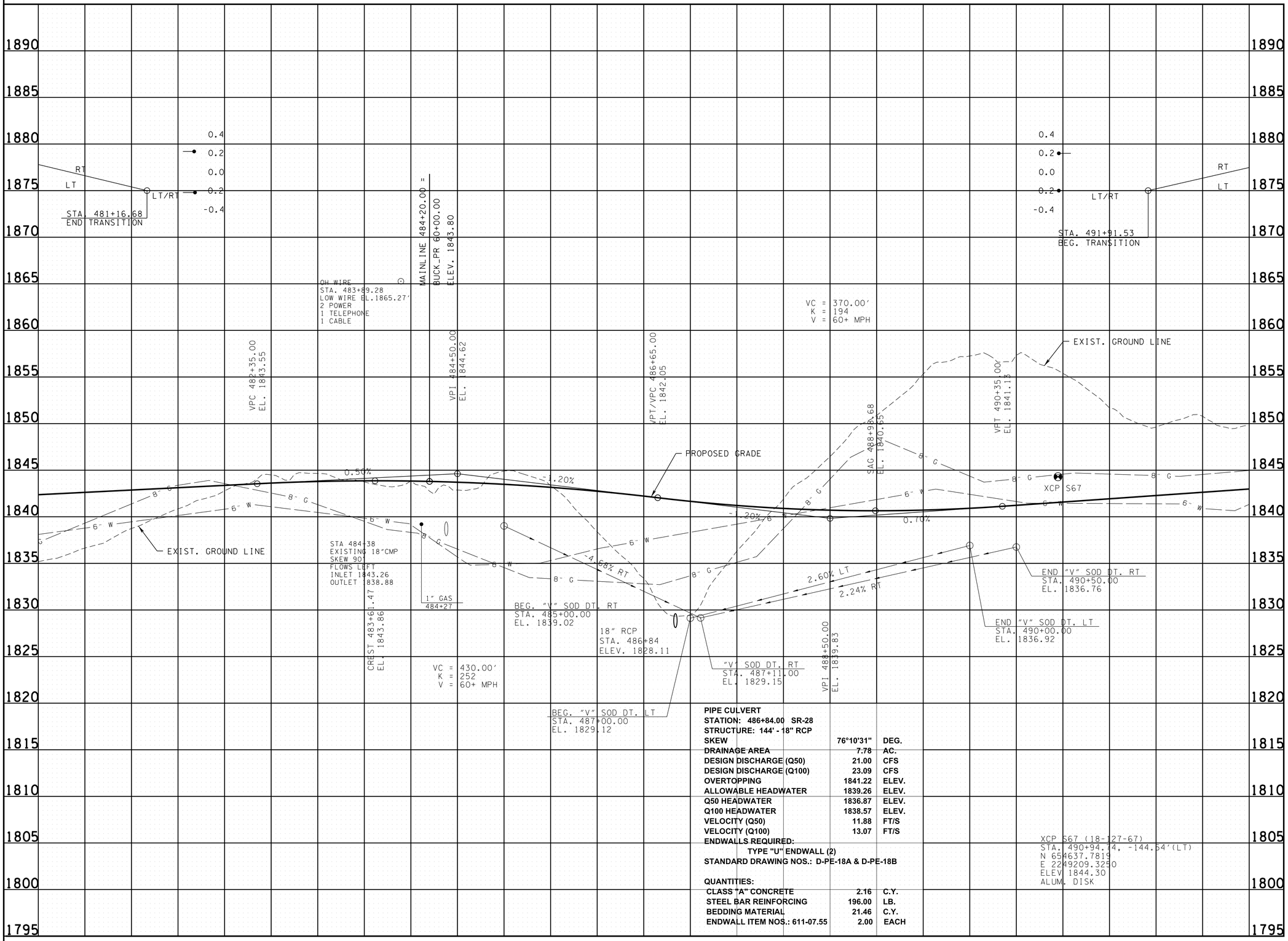
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:20:52 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\008B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	8C
ROW	2020	HPP/NH-28 (37)	8C
PIH	2025	HPP/NH-28 (37)	8C



PIPE CULVERT		
STATION: 486+84.00 SR-28		
STRUCTURE: 144' - 18" RCP		
SKEW	76°10'31"	DEG.
DRAINAGE AREA	7.78	AC.
DESIGN DISCHARGE (Q50)	21.00	CFS
DESIGN DISCHARGE (Q100)	23.09	CFS
OVERTOPPING	1841.22	ELEV.
ALLOWABLE HEADWATER	1839.26	ELEV.
Q50 HEADWATER	1836.87	ELEV.
Q100 HEADWATER	1838.57	ELEV.
VELOCITY (Q50)	11.88	FT/S
VELOCITY (Q100)	13.07	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	2.16	C.Y.
STEEL BAR REINFORCING	196.00	LB.
BEDDING MATERIAL	21.46	C.Y.
ENDWALL ITEM NOS.: 611-07.55	2.00	EACH

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 480+00 TO STA. 493+00

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

1/30/2026 2:20:53 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\008C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	9
ROW	2021	HPP/NH-28 (37)	9
PIH	2025	HPP/NH-28 (37)	9

1. REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 36, 37, & 44.
2. REVISED 07-22-2022: UPDATED PROPERTY OWNER FOR TRACT 36.
3. REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACT 35.
4. REVISED 04-05-2024: UPDATED PROPERTY OWNER INFO ON TRACT 35.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

36 CAROLYN JANE BOYCE & DAVID MANNING REVOCABLE TRUST

37 DAVID A. BRUMMITT

39 BILL SMITH AND WIFE, FLOSSIE GREEN SMITH

40 FERLIN BOWMAN, AND WIFE, RITA BOWMAN

44 DAVID MANIS AND WIFE, THELMA JEAN MANIS

38 HOYT L. SMITH AND WIFE, EMOGENE H. SMITH

41 SHELBY KEITH BOWMAN

42 JONATHAN RUSTY AND STEPHANIE DAWN BOWMAN

35 DAVID MANIS, ET AL

MATCHLINE STA. 493+00 SEE SHEET NUMBER 8

MATCHLINE STA. 506+00 SEE SHEET NUMBER 10

SR-28
PI 495+01.49
N 654,909.1262
E 2,249,545.0519
Δ 2° 13′ 28″ (LT)
D 0° 30′ 00″
R 11,459.00
L 444.87
T 222.46
REVERSE CROWN
DESIGN SPEED 60 MPH
TRANS. LENGTH 175

STA. 502+20.00 SR-28 (US 127) =
STA. 70+00.00 SHELBY ROAD
N 655535.9718
E 2249896.3343

SHELBY ROAD
PI 66+98.16
N 655,685.3565
E 2,249,629.7649
Δ 27° 48′ 46″ (RT)
D 15° 00′ 00″
R 381.97
L 185.42
T 94.57
SE 0.054 FT/FT
DESIGN SPEED 20 MPH
TRANS. LENGTH 120

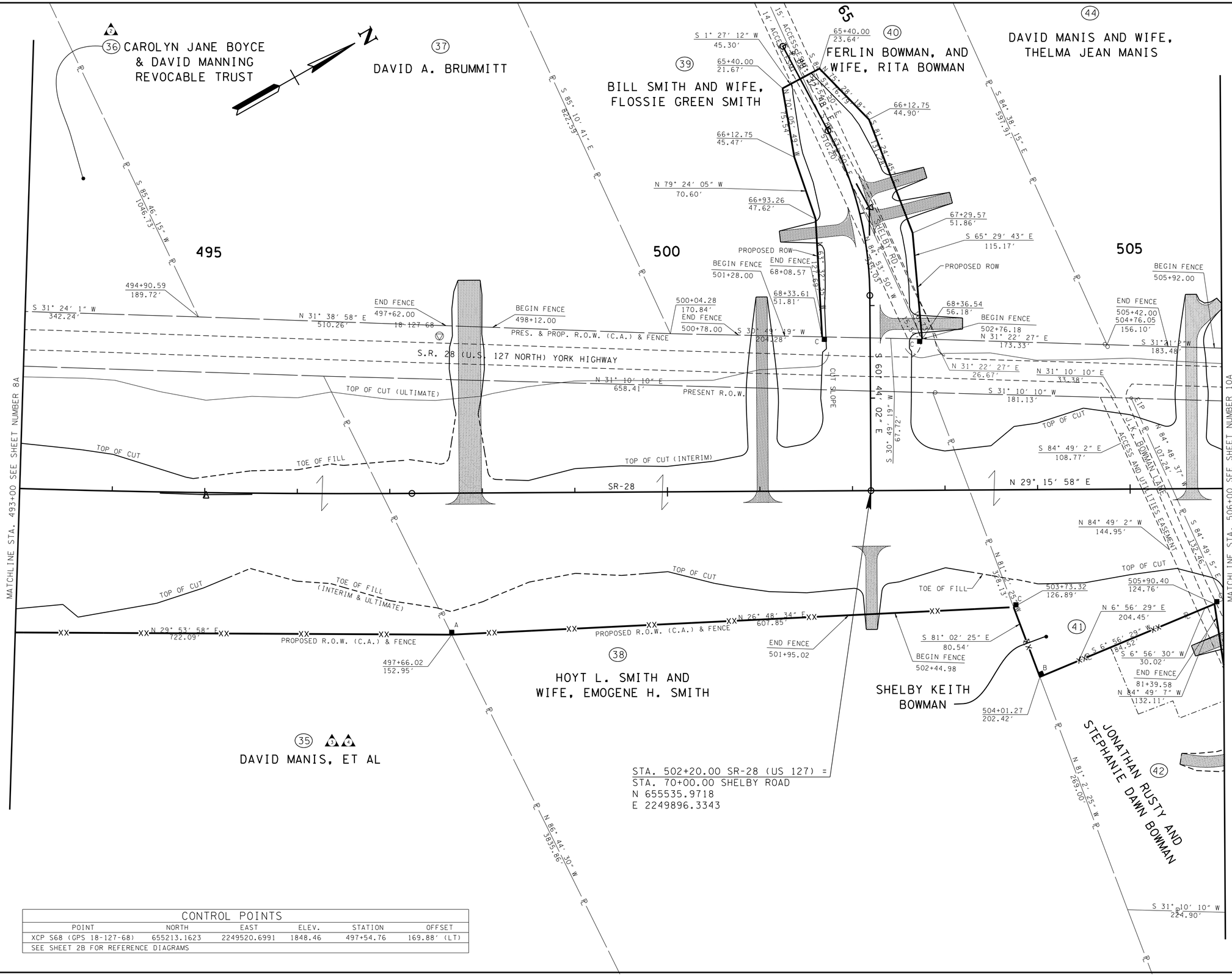
AREA TO BE SCARIFIED AND OBLITERATED

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S68 (GPS 18-127-68)	655213.1623	2249520.6991	1848.46	497+54.76	169.88′ (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

1/30/2026 2:20:56 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\009.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	9A
ROW	2021	HPP/NH-28 (37)	9A
PIH	2025	HPP/NH-28 (37)	9A

1. REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 36, 37, & 44.
2. REVISED 07-22-2022: UPDATED PROPERTY OWNER FOR TRACT 36.
3. REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACT 35.
4. REVISED 04-05-2024: UPDATED PROPERTY OWNER INFO ON TRACT 35.



CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S68 (GPS 18-127-68)	655213.1623	2249520.6991	1848.46	497+54.76	169.88' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

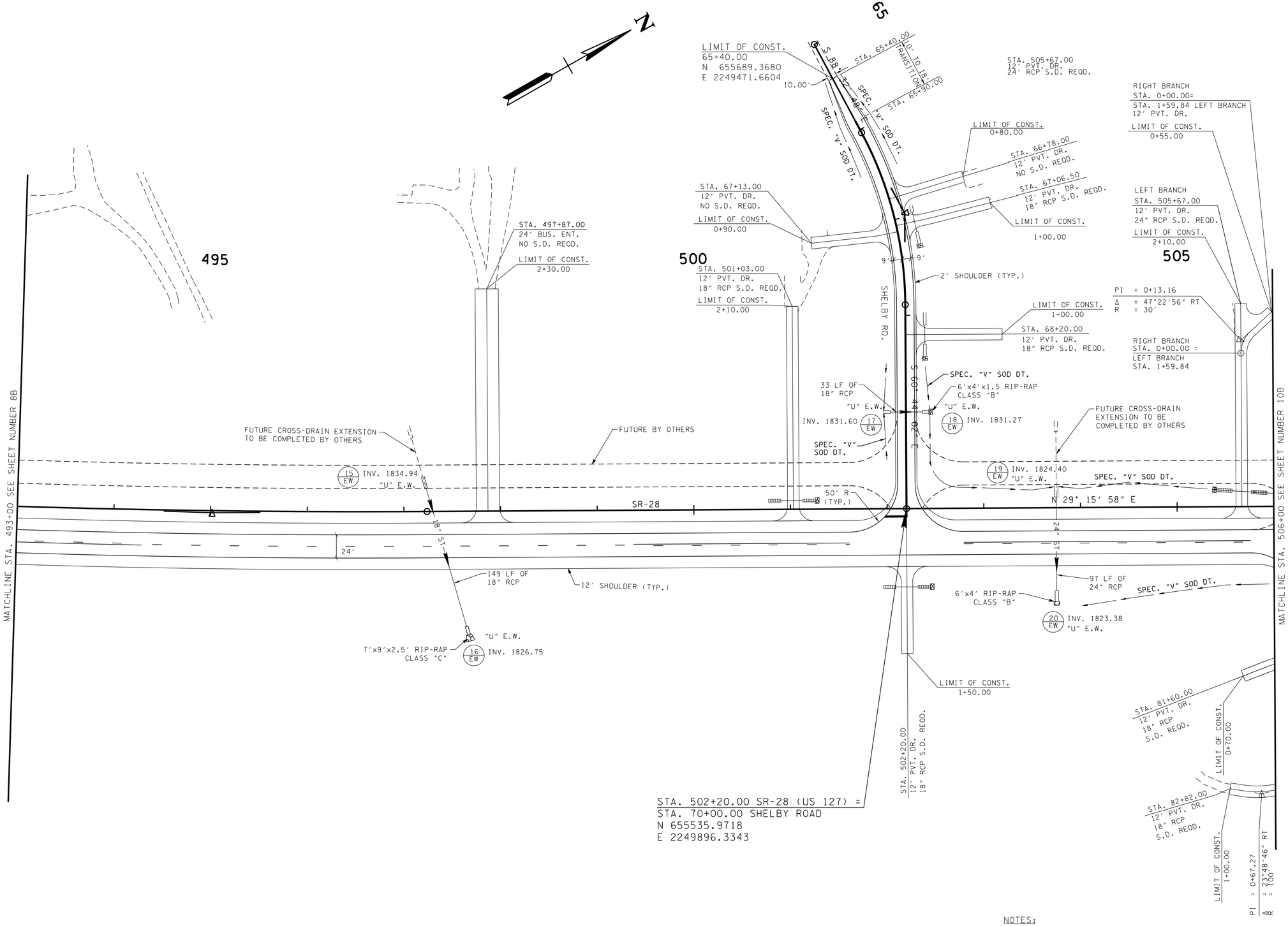
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

1/30/2026 2:20:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\009A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	9B
ROW	2020	HPP/NH-28 (37)	9B
PIH	2025	HPP/NH-28 (37)	9B



STA. 502+20.00 SR-28 (US 127) =
STA. 70+00.00 SHELBY ROAD
N 655535.9718
E 2249896.3343

NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

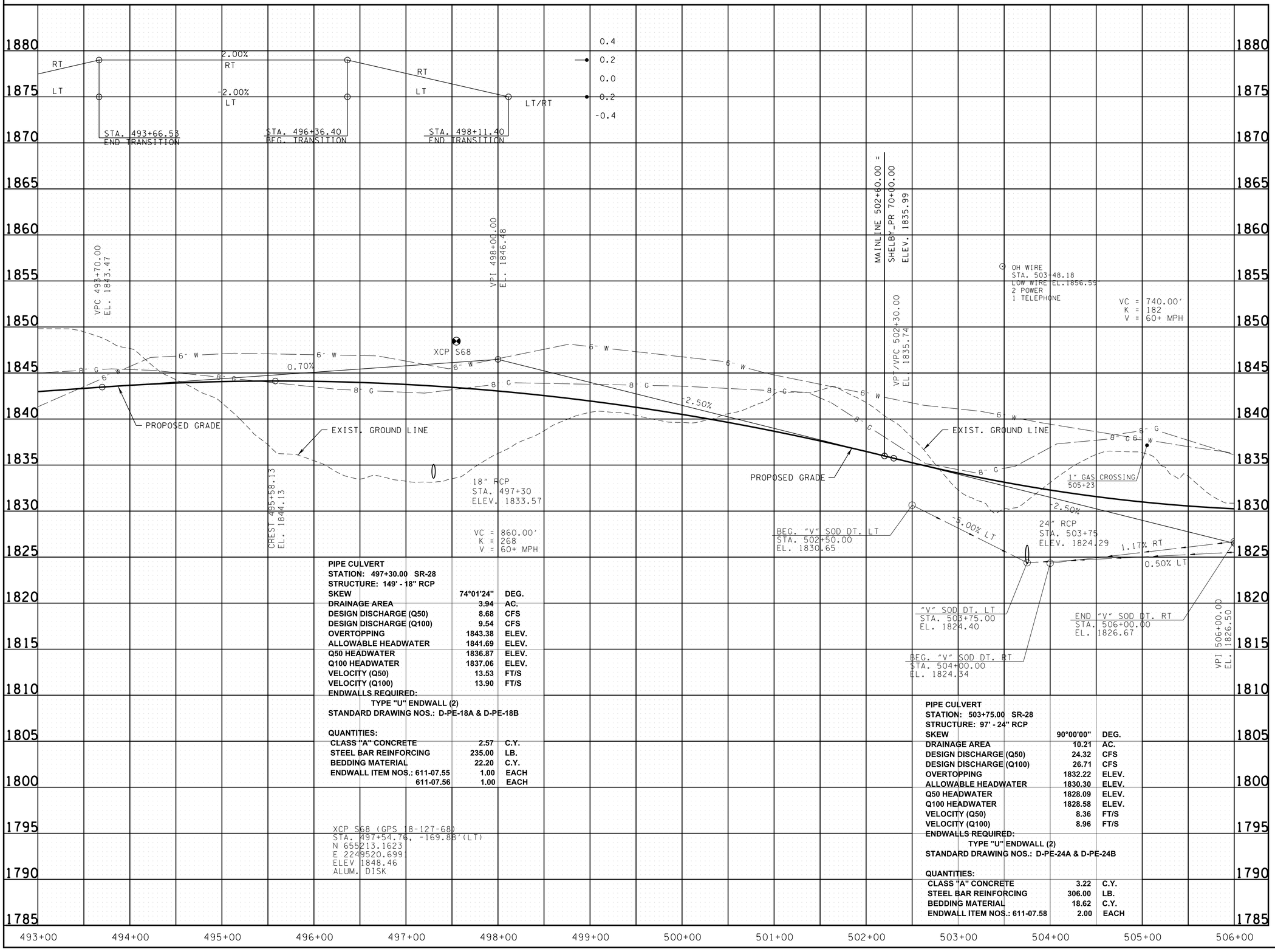
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

1/30/2026 2:20:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\009B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	9C
ROW	2020	HPP/NH-28 (37)	9C
PIH	2025	HPP/NH-28 (37)	9C



PIPE CULVERT
STATION: 497+30.00 SR-28
STRUCTURE: 149' - 18" RCP

SKEW	74°01'24"	DEG.
DRAINAGE AREA	3.94	AC.
DESIGN DISCHARGE (Q50)	8.68	CFS
DESIGN DISCHARGE (Q100)	9.54	CFS
OVERTOPPING	1843.38	ELEV.
ALLOWABLE HEADWATER	1841.69	ELEV.
Q50 HEADWATER	1836.87	ELEV.
Q100 HEADWATER	1837.06	ELEV.
VELOCITY (Q50)	13.53	FT/S
VELOCITY (Q100)	13.90	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	2.57	C.Y.
STEEL BAR REINFORCING	235.00	LB.
BEDDING MATERIAL	22.20	C.Y.
ENDWALL ITEM NOS.: 611-07.55	1.00	EACH
611-07.56	1.00	EACH

XCP S68 (GPS 18-127-68)
STA. 497+54.76, -169.88'(LT)
N 655213.1623
E 2249520.699
ELEV 1848.46
ALUM. DISK

PIPE CULVERT
STATION: 503+75.00 SR-28
STRUCTURE: 97' - 24" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	10.21	AC.
DESIGN DISCHARGE (Q50)	24.32	CFS
DESIGN DISCHARGE (Q100)	26.71	CFS
OVERTOPPING	1832.22	ELEV.
ALLOWABLE HEADWATER	1830.30	ELEV.
Q50 HEADWATER	1828.09	ELEV.
Q100 HEADWATER	1828.58	ELEV.
VELOCITY (Q50)	8.36	FT/S
VELOCITY (Q100)	8.96	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	3.22	C.Y.
STEEL BAR REINFORCING	306.00	LB.
BEDDING MATERIAL	18.62	C.Y.
ENDWALL ITEM NOS.: 611-07.58	2.00	EACH

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 493+00 TO STA. 506+00

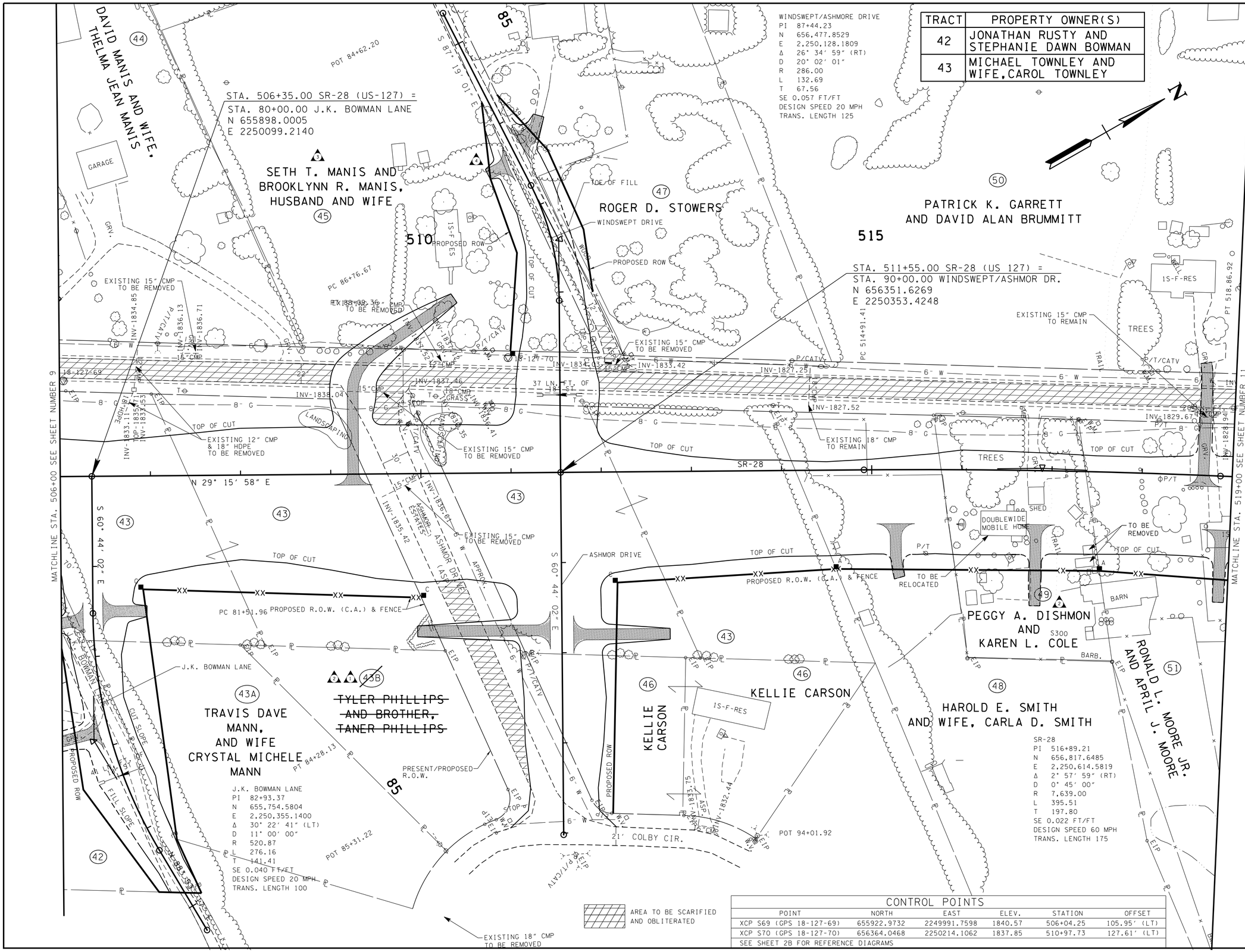
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

1/30/2026 2:20:59 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\009C.sht

TRACT	PROPERTY OWNER(S)
42	JONATHAN RUSTY AND STEPHANIE DAWN BOWMAN
43	MICHAEL TOWNLEY AND WIFE, CAROL TOWNLEY

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	10
ROW	2021	HPP/NH-28 (37)	10
PIH	2025	HPP/NH-28 (37)	10

1. REVISED 06-02-2021: ADDED TRACT 43B. REMOVED LINE THROUGH ON TRACTS 44 & 50.
2. REVISED 03-03-2022: LINED THROUGH TRACT 43B. UPDATED PROPERTY OWNER FOR TRACT 49.
3. REVISED 05-20-2025: UPDATED PROPERTY OWNER FOR TRACT 45.
4. REVISED 12-08-2025: ADDED DRIVEWAY ON TRACT 45.



CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S69 (GPS 18-127-69)	655922.9732	2249991.7598	1840.57	506+04.25	105.95′ (LT)
XCP S70 (GPS 18-127-70)	656364.0468	2250214.1062	1837.85	510+97.73	127.61′ (LT)

SEE SHEET 2B FOR REFERENCE DIAGRAMS

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 506+00 TO STA. 519+00
SCALE: 1"= 50'

1/30/2026 2:21:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\010.sht

TRACT	PROPERTY OWNER(S)
42	JONATHAN RUSTY AND STEPHANIE DAWN BOWMAN
43	MICHAEL TOWNLEY AND WIFE, CAROL TOWNLEY

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2017	HPP/NH-28 (37)	10A
ROW	2021	HPP/NH-28 (37)	10A
PIH	2025	HPP/NH-28 (37)	10A

1. REVISED 06-02-2021: ADDED TRACT 43B. REMOVED LINE THROUGH ON TRACTS 44 & 50.
2. REVISED 03-03-2022: LINED THROUGH TRACT 43B. UPDATED PROPERTY OWNER FOR TRACT 49.
3. REVISED 05-20-2025: UPDATED PROPERTY OWNER FOR TRACT 45.
4. REVISED 12-08-2025: ADDED DRIVEWAY ON TRACT 45.

DAVID MANIS AND WIFE, THELMA JEAN MANIS (44)

STA. 506+35.00 SR-28 (US-127) =
STA. 80+00.00 J.K. BOWMAN LANE
N 655898.0005
E 2250099.2140

SETH T. MANIS AND BROOKLYNN R. MANIS, HUSBAND AND WIFE (45)

ROGER D. STOWERS (47)

PATRICK K. GARRETT AND DAVID ALAN BRUMMITT (50)

STA. 511+55.00 SR-28 (US 127) =
STA. 90+00.00 WINDSWEPT/ASHMOR DR.
N 656351.6269
E 2250353.4248

MATCHLINE STA. 506+00 SEE SHEET NUMBER 9A

MATCHLINE STA. 519+00 SEE SHEET NUMBER 11A

43A TRAVIS DAVE MANN, AND WIFE CRYSTAL MICHELE MANN

43B ~~TYLER PHILLIPS AND BROTHER, TANER PHILLIPS~~

46 KELLIE CARSON

48 HAROLD E. SMITH AND WIFE, CARLA D. SMITH

49 PEGGY A. DISHMON AND KAREN L. COLE

51 RONALD L. MOORE JR. AND APRIL J. MOORE

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S69 (GPS 18-127-69)	655922.9732	2249991.7598	1840.57	506+04.25	105.95' (LT)
XCP S70 (GPS 18-127-70)	656364.0468	2250214.1062	1837.85	510+97.73	127.61' (LT)
SEE SHEET 2B FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

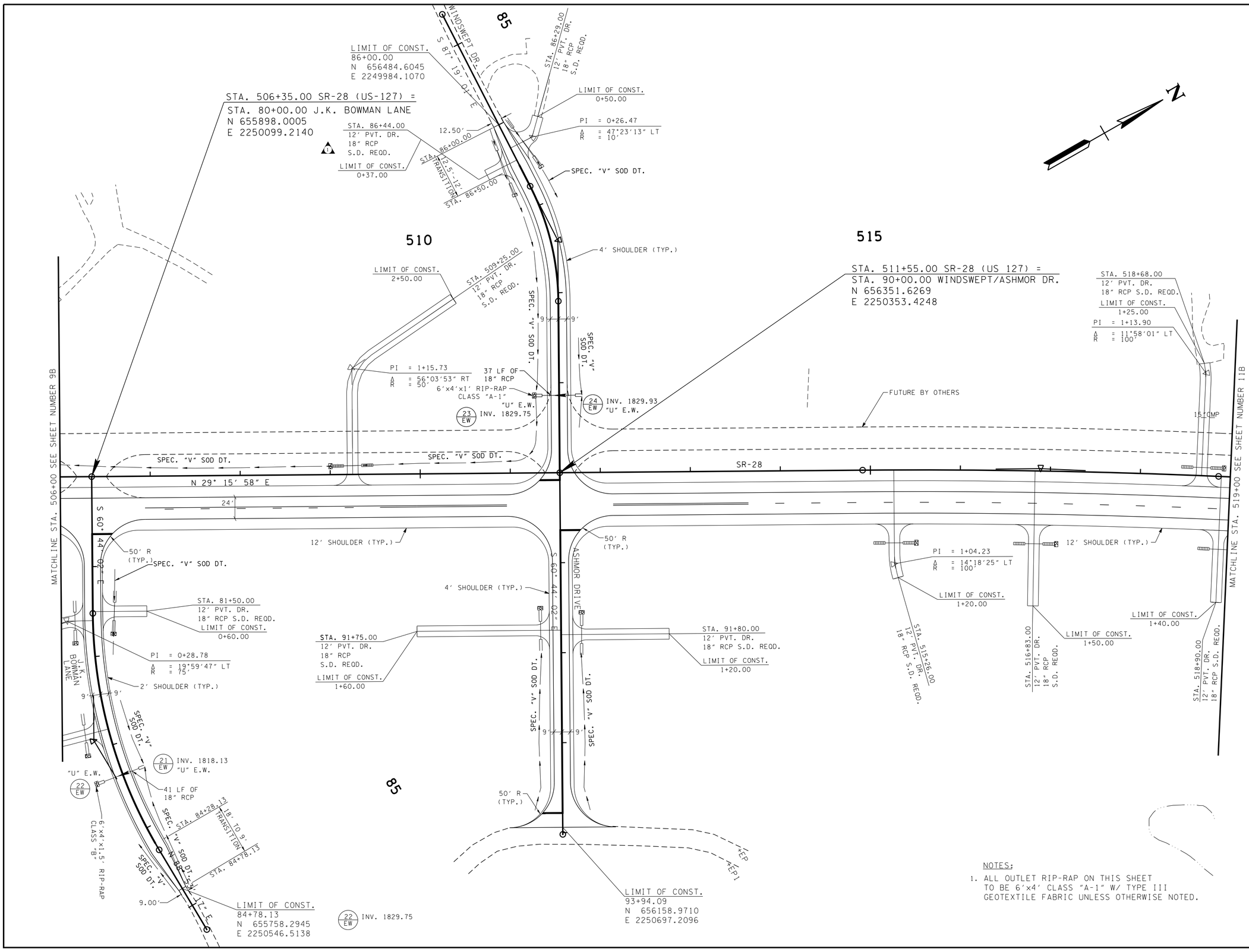
RIGHT OF WAY DETAILS

STA.00 5+00 TO STA. 519+00
SCALE: 1"= 50'

1/30/2026 2:21:03 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\010A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	10B
ROW	2020	HPP/NH-28 (37)	10B
PIH	2025	HPP/NH-27 (37)	10B

1 REVISED 12-08-2025: ADDED DRIVEWAY ON TRACT 45.



NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

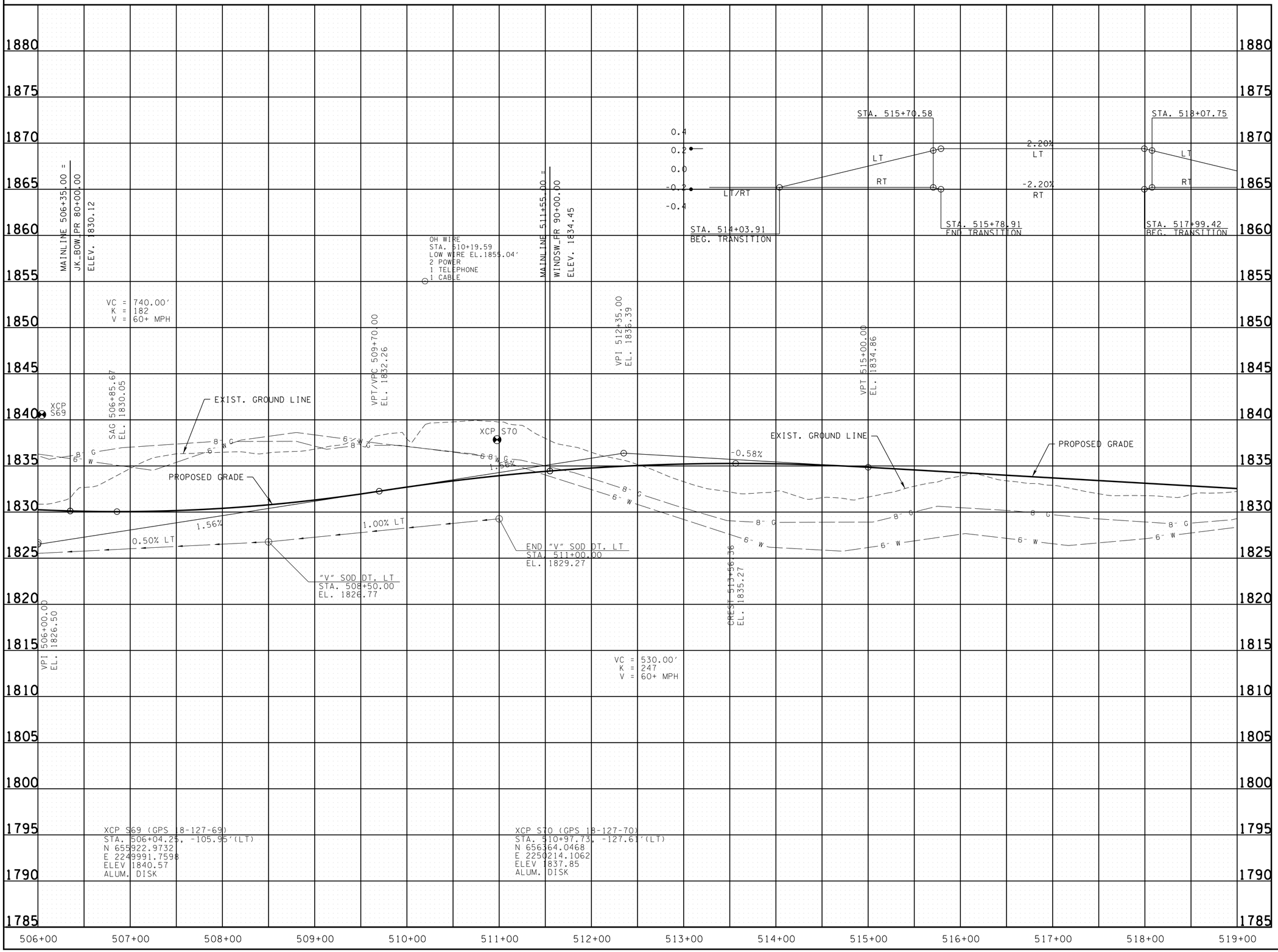
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 506+00 TO STA. 519+00
SCALE: 1"= 50'

1/30/2026 2:21:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\010B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	10C
ROW	2020	HPP/NH-28 (37)	10C
PIH	2025	HPP/NH-28 (37)	10C



XCP S69 (GPS 18-127-69)
STA. 506+04.25, -105.95'(LT)
N 655922.9732
E 2249991.7598
ELEV 1840.57
ALUM. DISK

XCP S70 (GPS 18-127-70)
STA. 510+97.73, -127.61'(LT)
N 656364.0468
E 2250214.1062
ELEV 1837.85
ALUM. DISK

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 506+00 TO STA. 519+00

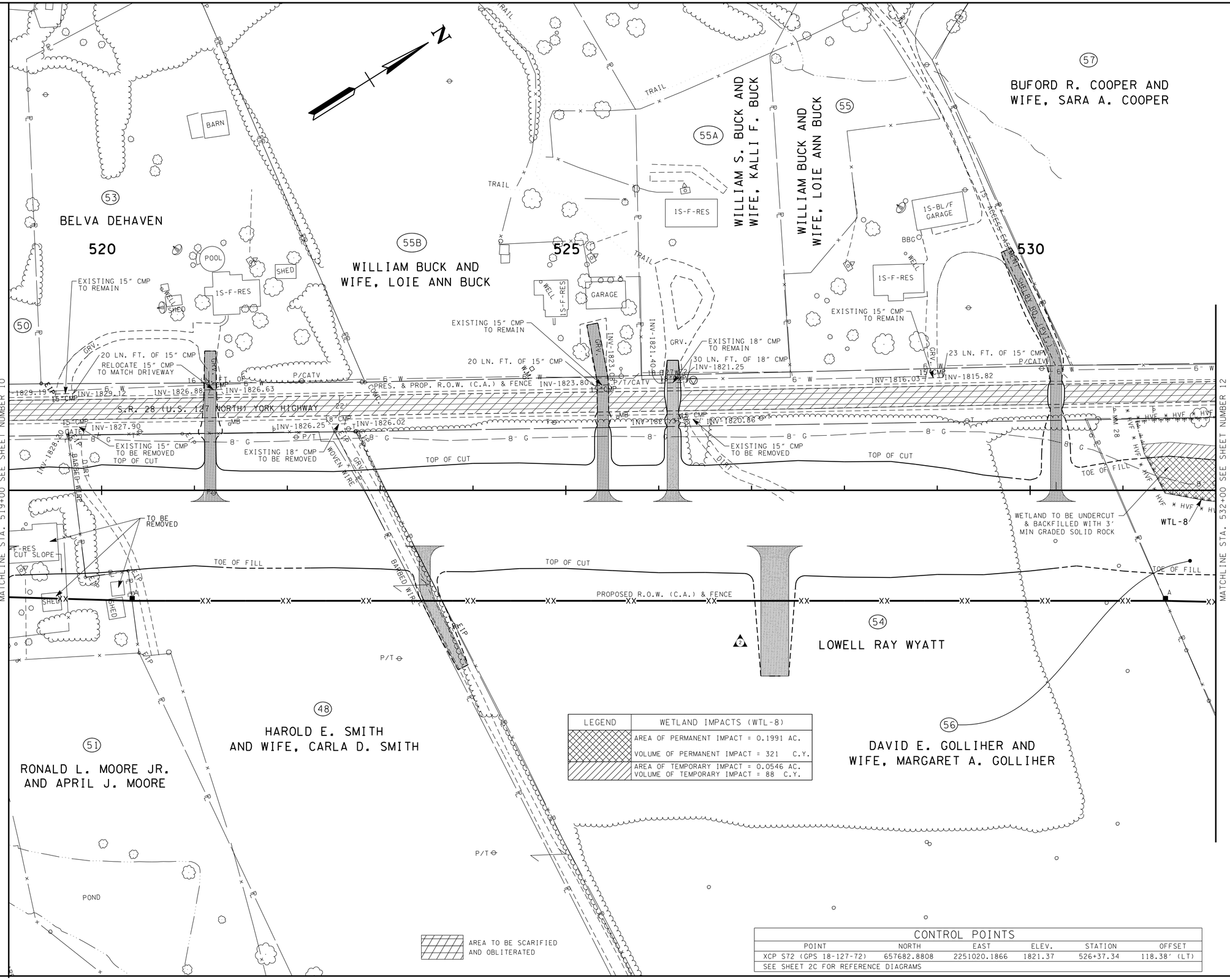
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

1/30/2026 2:21:05 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\010C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	11
ROW	2021	HPP/NH-28 (37)	11
PIH	2025	HPP/NH-28 (37)	11

1 REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 50, 53, 55B, 55A, 55, & 57.

2 REVISED 12-08-2025: REVISED DRIVEWAY AT STA. 527+25.00 TO 30'.



LEGEND	WETLAND IMPACTS (WTL-8)
	AREA OF PERMANENT IMPACT = 0.1991 AC.
	VOLUME OF PERMANENT IMPACT = 321 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0546 AC.
	VOLUME OF TEMPORARY IMPACT = 88 C.Y.

AREA TO BE SCARIFIED AND OBLITERATED

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S72 (GPS 18-127-72)	657682.8808	2251020.1866	1821.37	526+37.34	118.38' (LT)
SEE SHEET 2C FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

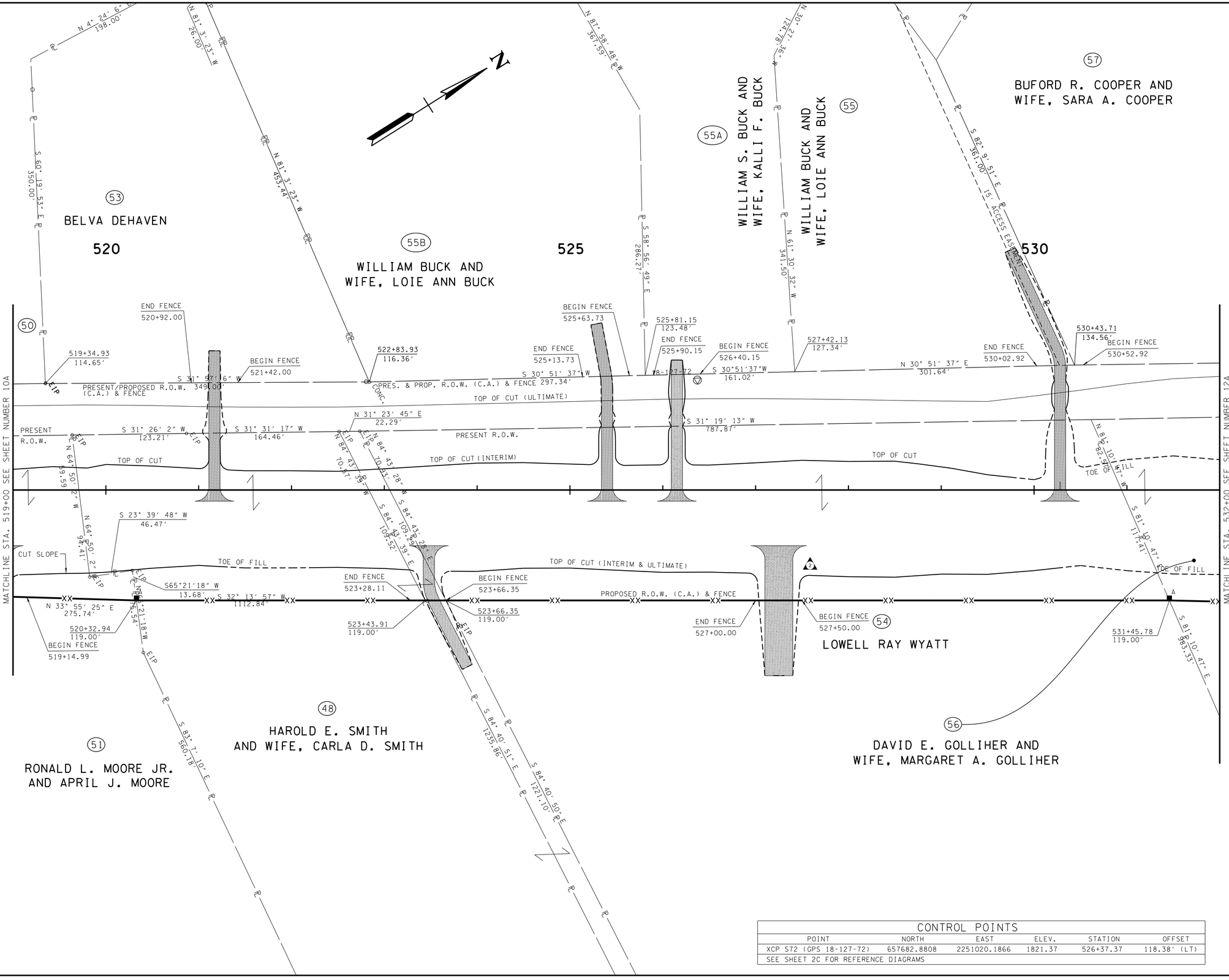
STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:21:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\011.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	11A
ROW	2021	HPP/NH-28 (37)	11A
PIH	2025	HPP/NH-28 (37)	11A

1 REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 50, 53, 55B, 55A, 55, & 57.

2 REVISED 12-08-2025: REVISED DRIVEWAY AT STA. 527+25.00 TO 30'.



CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S72 (GPS 18-127-72)	657682.8808	2251020.1866	1821.37	526+37.37	118.38' (LT)
SEE SHEET 2C FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

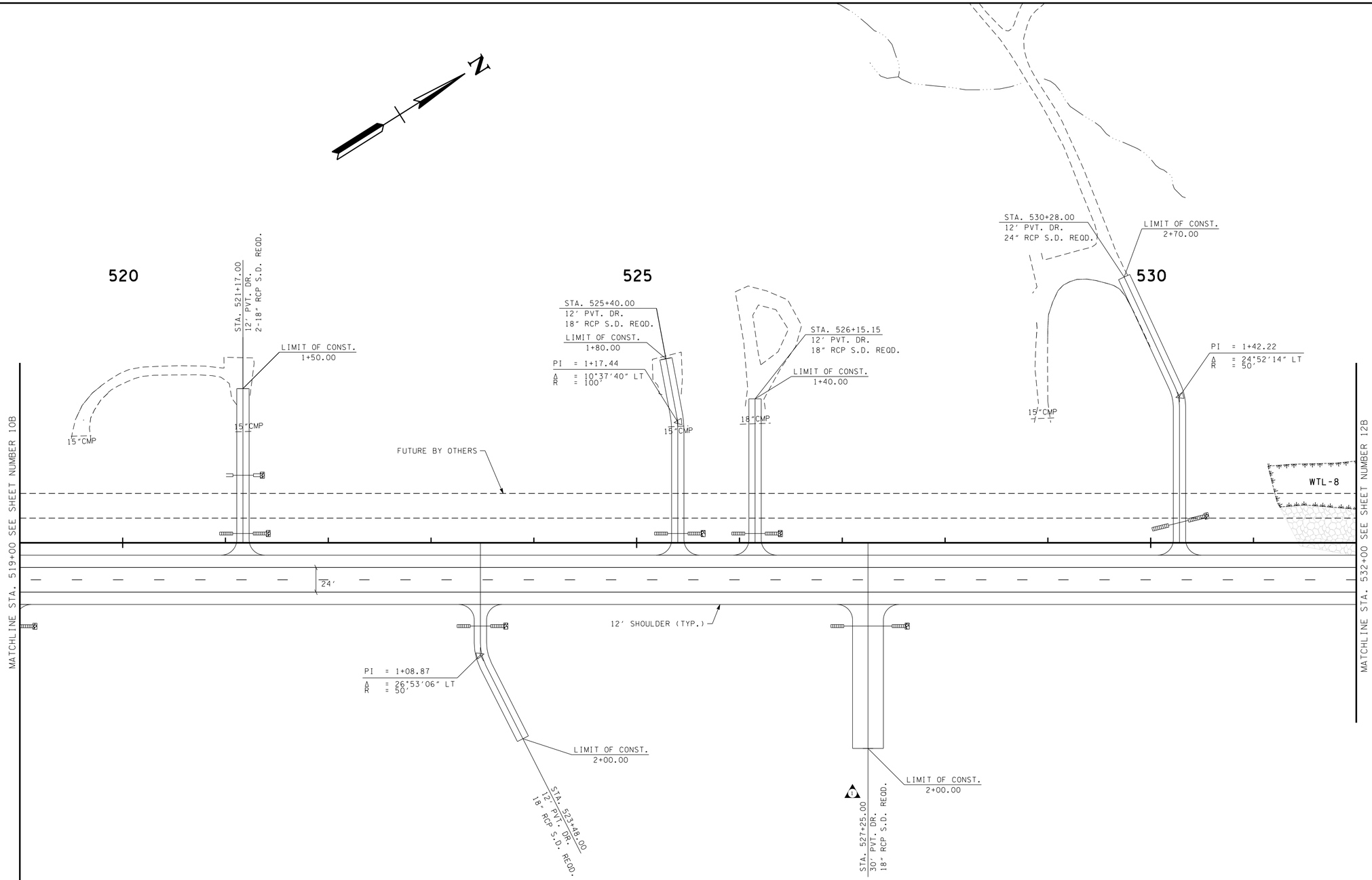
RIGHT OF WAY DETAILS

STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:21:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\011A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	11B
ROW	2020	HPP/NH-28 (37)	11B
PIH	2025	HPP/NH-28 (37)	11B

1 REVISED 12-08-2025: REVISED DRIVEWAY AT STA. 527+25.00 TO 30'.



TEMPORARY WETLAND IMPACT NOTES:

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

NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL USE ANY MEASURE NECCESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-8 AND SURROUNDING VEGETATION. WTL-8 AND SURROUNDING VEGETATION MUST REMAIN UNDISTURBED AND PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT PERMITTED LOCATIONS.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

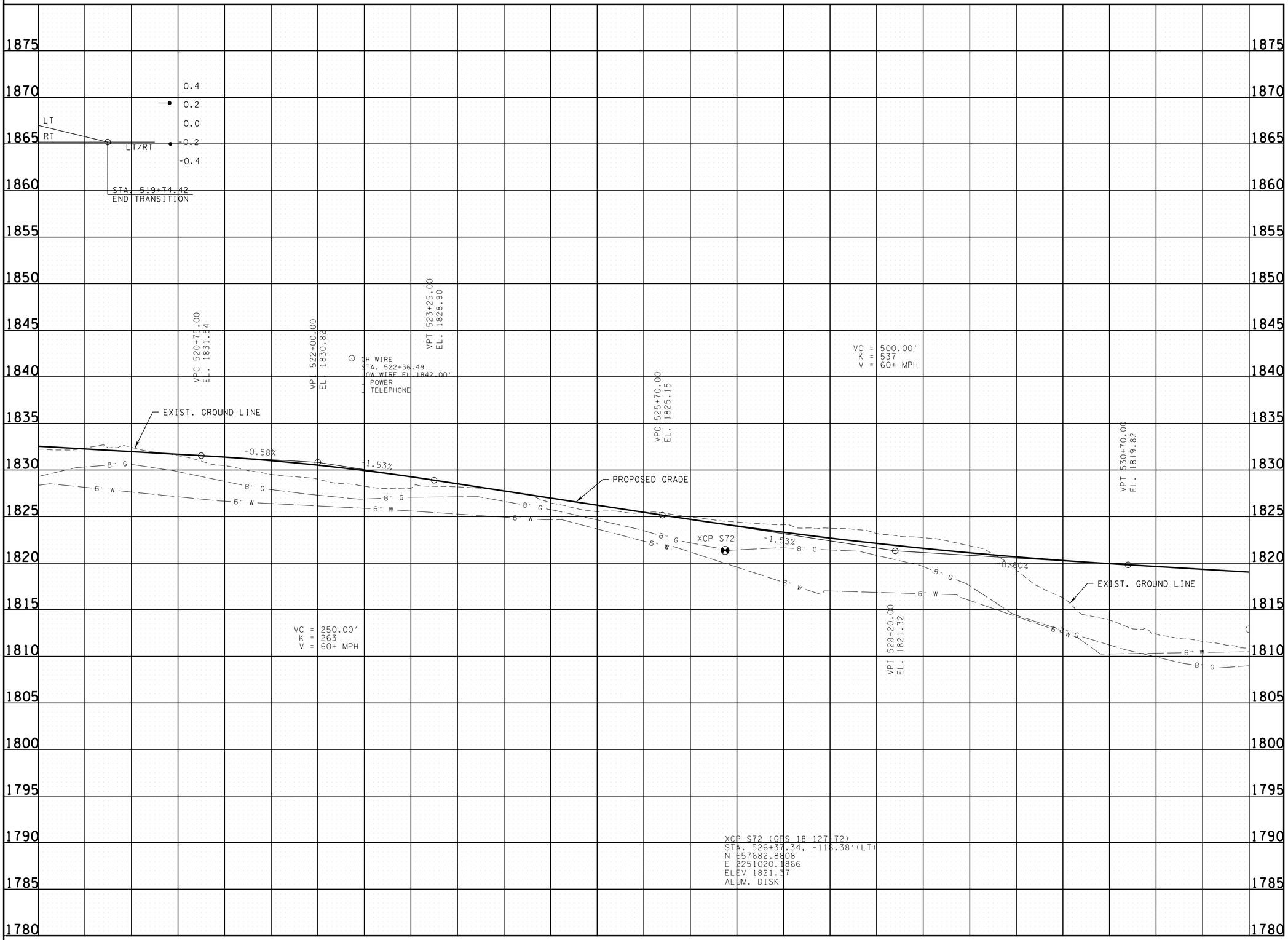
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:21:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\011B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28(37)	11C
ROW	2020	HPP/NH-28(37)	11C
PIH	2025	HPP/NH-28 (37)	11C



XCP S72 (GFS 18-127-72)
STA. 526+37.34, -118.38'(LT)
N 657682.8808
E 2251020.1866
ELEV 1821.37
ALUM. DISK

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 519+00 TO STA. 532+00

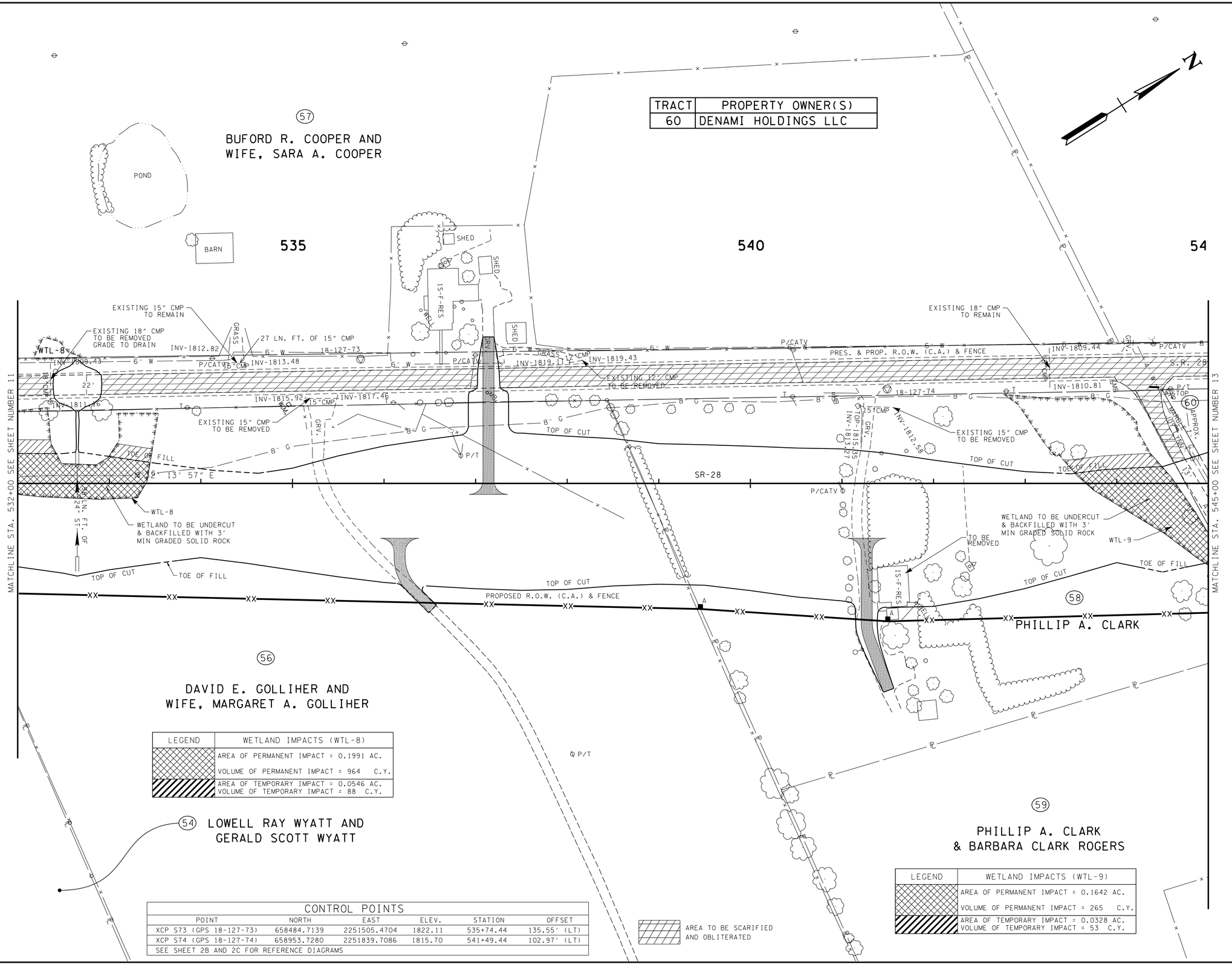
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

1/30/2026 2:21:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\011C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	12
ROW	2021	HPP/NH-28 (37)	12
PIH	2025	HPP/NH-28 (37)	12

REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACT 57.

TRACT	PROPERTY OWNER(S)
60	DENAMI HOLDINGS LLC



LEGEND	WETLAND IMPACTS (WTL-8)
	AREA OF PERMANENT IMPACT = 0.1991 AC.
	VOLUME OF PERMANENT IMPACT = 964 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0546 AC. VOLUME OF TEMPORARY IMPACT = 88 C.Y.

LEGEND	WETLAND IMPACTS (WTL-9)
	AREA OF PERMANENT IMPACT = 0.1642 AC.
	VOLUME OF PERMANENT IMPACT = 265 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0328 AC. VOLUME OF TEMPORARY IMPACT = 53 C.Y.

CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S73 (GPS 18-127-73)	658484.7139	2251505.4704	1822.11	535+74.44	135.55' (LT)
XCP S74 (GPS 18-127-74)	658953.7280	2251839.7086	1815.70	541+49.44	102.97' (LT)
SEE SHEET 2B AND 2C FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:21:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\012.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	12A
ROW	2021	HPP/NH-28 (37)	12A
PIH	2025	HPP/NH-28 (37)	12A

1 REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACT 57.

TRACT	PROPERTY OWNER(S)
60	DENAMI HOLDINGS LLC

(57)

BUFORD R. COOPER AND
WIFE, SARA A. COOPER

535

540

54

MATCHLINE STA. 532+00 SEE SHEET NUMBER 11A

MATCHLINE STA. 545+00 SEE SHEET NUMBER 13A

S 31° 27′ 8″ W
1350.66′

18-127-73

END FENCE
536+89.00

BEGIN FENCE
537+39.00

PRES. & PROP. R.O.W. (C.A.) & FENCE

543+94.24
152.96′

544+49.55
102.45′

TOP OF CUT (ULTIMATE)

18-127-74 S 31° 12′ 28″ W
577.50′

S 31° 8′ 5″ W
782.13′

PRESENT R.O.W.

(60)

N 87° 16′ 36″ E
117.73′

N 86° 0′ 16″ W
1114.74′

TOP OF CUT (INTERIM)

TOE OF FILL

TOP OF CUT

S 81° 52′ 40″ E
92.45′

N 32° 13′ 57″ E

SR-28

TOP OF CUT

TOE OF FILL

N 81° 52′ 40″ W
133.38′

TOP OF CUT

TOE OF FILL

TOP OF CUT (INTERIM & ULTIMATE)

N 33° 32′ 03″ E
799.86′

END FENCE
536+21.17

BEGIN FENCE
536+71.16

PROPOSED R.O.W. (C.A.) & FENCE

539+45.44
137.17′

A

N 35° 59′ 48″ E
205.01′

END FENCE
541+00.00

N 30° 42′ 00″ E
400.41′

TOP OF CUT

TOE OF FILL

(58)

A

BEGIN FENCE
541+52.02

541+50.00
150.63′

PHILLIP A. CLARK

S 81° 52′ 40″ E
233.57′

N 15° 42′ 17″ E
558.77′

(56)

DAVID E. GOLLIHER AND
WIFE, MARGARET A. GOLLIHER

(54) LOWELL RAY WYATT AND
GERALD SCOTT WYATT

(59)

PHILLIP A. CLARK
& BARBARA CLARK ROGERS

N 81° 10′ 1104.7

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S73 (GPS 18-127-73)	658484.7139	2251505.4704	1822.11	535+74.46	135.55′ (LT)
XCP S74 (GPS 18-127-74)	658953.7280	2251839.7086	1815.70	541+49.46	102.97′ (LT)
SEE SHEET 2B AND 2C FOR REFERENCE DIAGRAMS					

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

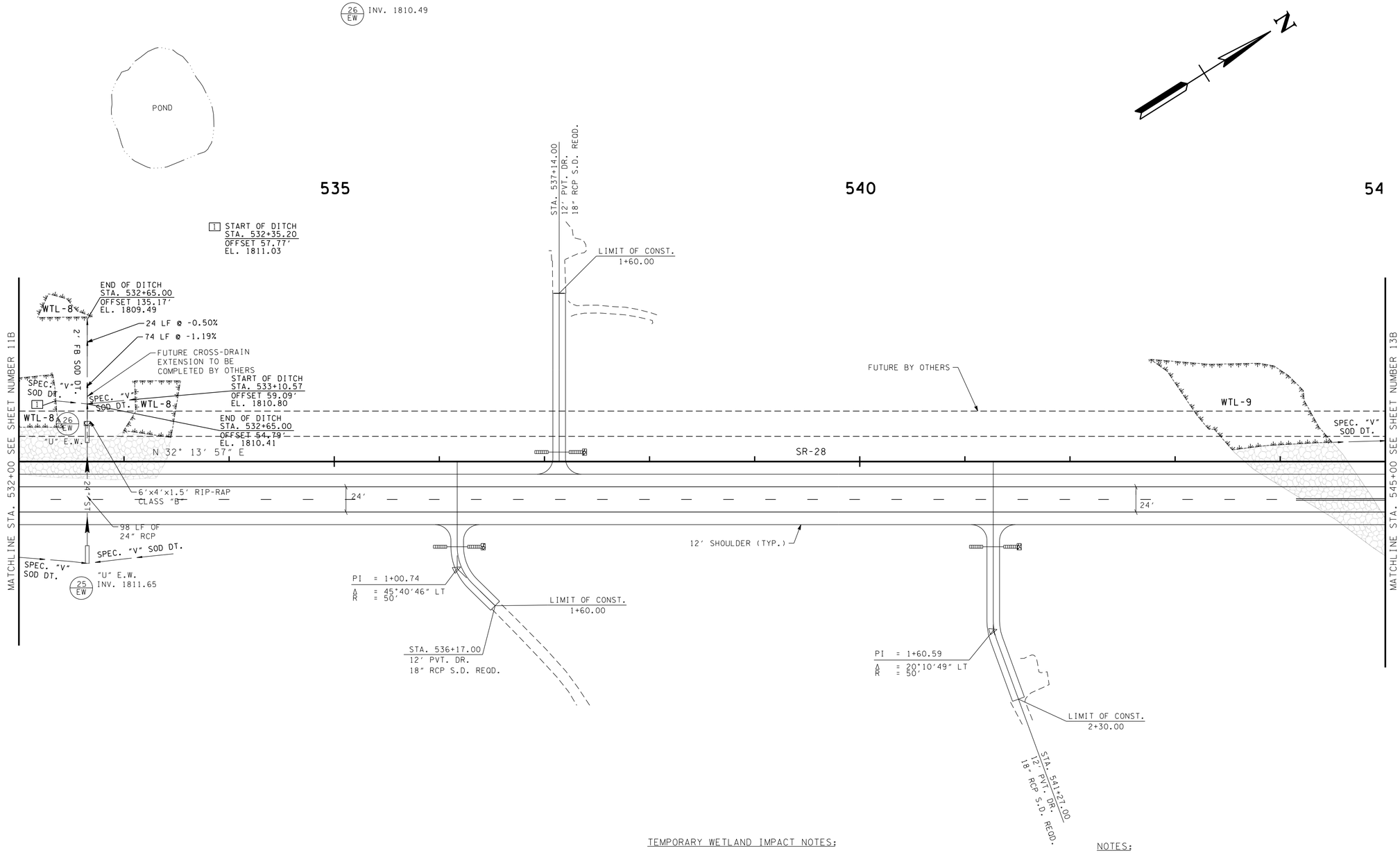
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:21:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\012A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	12B
ROW	2020	HPP/NH-28 (37)	12B
PIH	2025	HPP/NH-28 (37)	12B



TEMPORARY WETLAND IMPACT NOTES;

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

NOTES;

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL USE ANY MEASURE NECCESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-8,WTL-9 AND SURROUNDING VEGETATION. WTL-8,WTL9 AND SURROUNDING VEGETATION MUST REMAIN UNDISTURBED AND PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT PERMITTED LOCATIONS.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

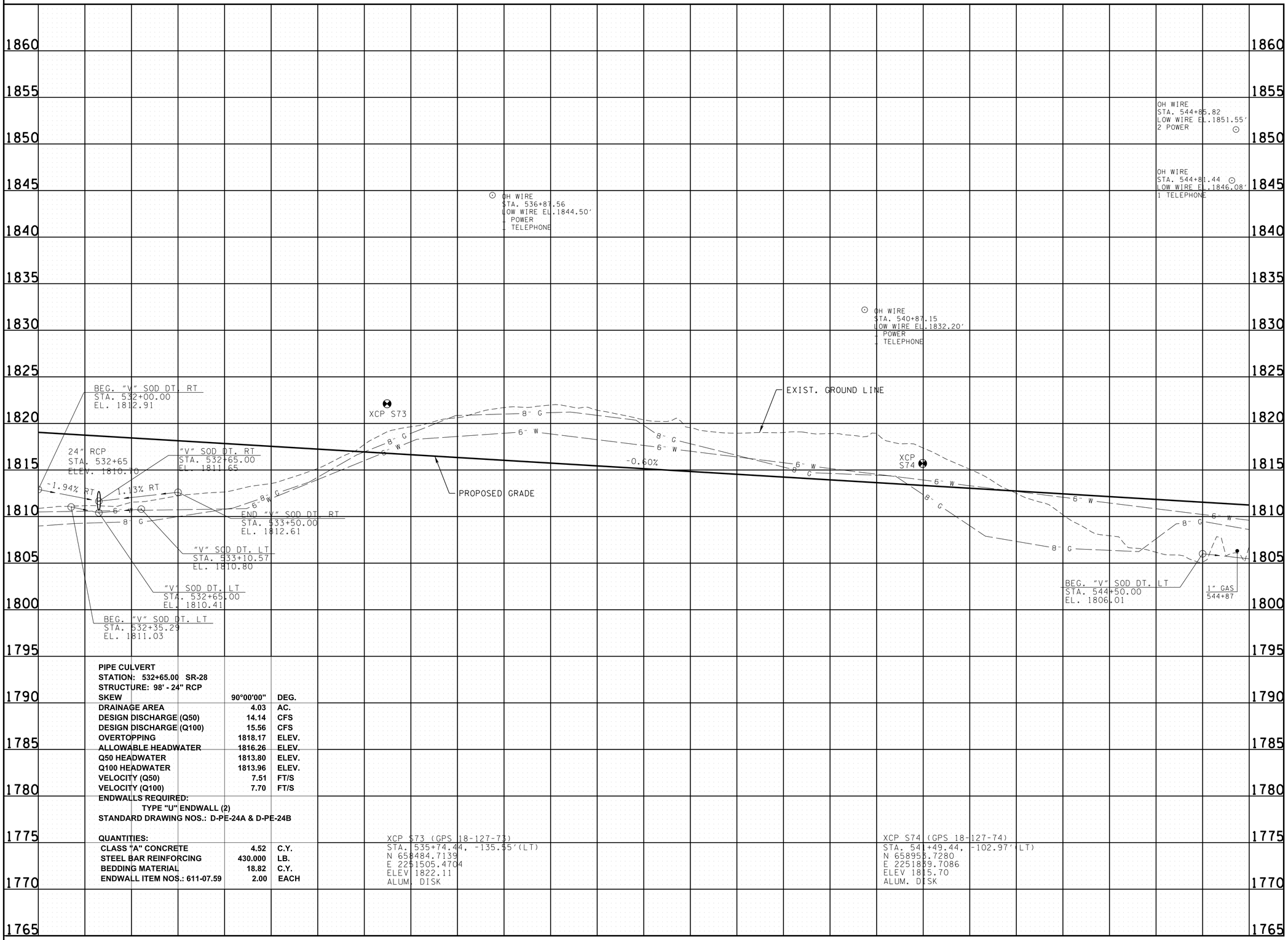
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:21:14 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\012B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	12C
ROW	2020	HPP/NH-28 (37)	12C
PIH	2025	HPP/NH-28 (37)	12C



PIPE CULVERT
STATION: 532+65.00 SR-28
STRUCTURE: 98' - 24" RCP

SKEW	**90°00'00"**	**DEG.**
DRAINAGE AREA	**4.03**	**AC.**
DESIGN DISCHARGE (Q50)	**14.14**	**CFS**
DESIGN DISCHARGE (Q100)	**15.56**	**CFS**
OVERTOPPING	**1818.17**	**ELEV.**
ALLOWABLE HEADWATER	**1816.26**	**ELEV.**
Q50 HEADWATER	**1813.80**	**ELEV.**
Q100 HEADWATER	**1813.96**	**ELEV.**
VELOCITY (Q50)	**7.51**	**FT/S**
VELOCITY (Q100)	**7.70**	**FT/S**

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	**4.52**	**C.Y.**
STEEL BAR REINFORCING	**430.000**	**LB.**
BEDDING MATERIAL	**18.82**	**C.Y.**
ENDWALL ITEM NOS.: 611-07.59	**2.00**	**EACH**

XCP S73 (GPS 18-127-73)
STA. 535+74.44, -135.55'(LT)
N 658484.7139
E 2251505.4704
ELEV 1822.11
ALUM. DISK

XCP S74 (GPS 18-127-74)
STA. 541+49.44, -102.97'(LT)
N 658953.7280
E 2251839.7086
ELEV 1815.70
ALUM. DISK

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 532+00 TO STA. 545+00

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

1/30/2026 2:21:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\012C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	13
ROW	2021	HPP/NH-28 (37)	13
PIH	2025	HPP/NH-28 (37)	13

1 REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 57A & 57B.

STA. 546+15.00 SR-28 (US 127)=
STA. 100+00.00 ATKINS ROAD
N 659292.6200
E 2252175.1224

STA. 102+20.00 ATKINS ROAD =
STA. 10+00.00 FRONTAGE ROAD
N 659181.4990
E 2252364.5534

SR-28
PI 550+02.63
N 659,620.5110
E 2,252,381.8671
Δ 0° 44′ 31″ (LT)
D 0° 15′ 00″
R 22,918.00
L 296.83
T 148.42
NORMAL CROWN
DESIGN SPEED 60 MPH
NO TRANS. NEEDED

57A
BUFORD COOPER, AND WIFE, SARA COOPER

57B
BUFORD RAY COOPER AND WIFE, SARAH COOPER

DENAMI HOLDINGS LLC

MICHAEL ARANOWSKI AND WIFE, JOANNE ARANOWSKI

DOUGLAS H. BRANDENBURG AND WIFE, SHERRY L. BRANDENBURG

PHILLIP A. CLARK & BARBARA CLARK ROGERS

SR-28

ATKINS ROAD

FRONTAGE ROAD

BRANDENBURG LANE (PVT.)

ATKINS ROAD
PI 102+29.82
N 659,170.0436
E 2,252,369.5251
Δ 27° 09′ 28″ (LT)
D 18° 00′ 00″
R 318.31
L 150.88
T 76.88
SE 0.054 FT/FT
DESIGN SPEED 20 MPH
TRANS. LENGTH 120

FRONTAGE ROAD
PI 10+70.00
N 659,247.2098
E 2,252,388.6800
Δ 42° 08′ 48″ (LT)
D 57° 17′ 45″
R 100.00
L 73.56
T 38.53
NORMAL CROWN
DESIGN SPEED 15 MPH
NO TRANS. NEEDED

FRONTAGE ROAD
PI 11+72.34
N 659,345.3573
E 2,252,349.0550
Δ 54° 13′ 05″ (RT)
D 57° 17′ 45″
R 100.00
L 94.63
T 51.19
NORMAL CROWN
DESIGN SPEED 15 MPH
NO TRANS. NEEDED

FRONTAGE ROAD
PI 14+15.60
N 659,557.6933
E 2,252,482.9390
Δ 0° 44′ 31″ (LT)
D 0° 14′ 55″
R 23,037.00
L 298.37
T 149.19
NORMAL CROWN
DESIGN SPEED 15 MPH
NO TRANS. NEEDED

AREA TO BE SCARIFIED AND OBLITERATED

CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S75 (GPS 18-127-75)	659555.8869	2252204.2413	1812.94	548+53.23	115.78′ (LT)
XCP S76 (GPS 18-127-76)	660130.9097	2252507.9717	1815.58	555+03.73	159.08′ (LT)
SEE SHEET 2C FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:21:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\013.sht

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S75 (GPS 18-127-75)	659555.8869	2252204.2413	1812.94	548+53.25	115.78' (LT)
XCP S76 (GPS 18-127-76)	660130.9097	2252507.9717	1815.58	555+03.75	159.08' (LT)
SEE SHEET 2C FOR REFERENCE DIAGRAMS					

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	13A
ROW	2021	HPP/NH-28 (37)	13A
PIH	2025	HPP/NH-28 (37)	13A

1. REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 57A & 57B.
2. REVISED 10-14-2024: ADDED TRACT LABEL FOR TRACT 62-S.

STA. 546+15.00 SR-28 (US 127)=
STA. 100+00.00 ATKINS ROAD
N 659292.6200
E 2252175.1224

STA. 102+20.00 ATKINS ROAD =
STA. 10+00.00 FRONTAGE ROAD
N 659181.4990
E 2252364.5534

(57A) BUFORD COOPER, AND WIFE, SARA COOPER

(57A) BUFORD COOPER, AND WIFE, SARA COOPER

(57B) BUFORD RAY COOPER AND WIFE, SARAH COOPER

5 | 550 | 555

END FENCE 557+93.00

555+17.72
161.38'

18-127-76

END FENCE 547+80.00

BEGIN FENCE 548+30.00

S 31° 27' 45" W 1121.45'

S 31° 22' 10" W 429.00'

PRES. & PROP. R.O.W. (C.A.) & FENCE

546+46.91 105.58'
547+66.89 107.48'
548+56.89 108.91'
549+37.27 110.03'
550+17.65 110.87'
550+98.04 111.42'
551+78.30 111.72'
552+82.30 112.02'
553+62.30 112.25'
554+42.30 112.48'
555+09.35 112.68'

N 31° 19' 28" E 197.38'
S 31° 19' 28" W 120.00'
S 31° 19' 28" W 80.00'
S31°19'28"W 80.00'
S31°19'28"W 80.00'
S31°19'28"W 80.00'
S31°19'28"W 80.00'
S31°19'28"W 104.00'
S31°19'28"W 80.00'
S31°19'28"W 80.00'
S31°19'28"W 67.05'

PRESENT R.O.W.
S 31° 19' 28" W 603.40'

TOP OF CUT (ULTIMATE)

(60) DENAMI HOLDINGS LLC

TOP OF CUT
(INTERIM)
TOE OF FILL
SR-28
N 31° 29' 26" E

N 87° 16' 35" W 87.21'
S 86° 01' 16" W 139.75'
TOE OF FILL
545+50.26 139.92'
S86°00'16"E 40.94'
S 57° 46' 03" E
ATKINS RD.
MATCHLINE STA. 545+00 SEE SHEET NUMBER 12A

S 67° 46' 14" E 102.54'
S 58° 49' 54" E 101.00'
N 58° 50' 37" W 101.00'
N 58° 51' 10" W 102.98'
S 58° 51' 40" E 105.25'
S 58° 52' 7" E 107.79'
N 58° 52' 32" W 108.89'
S 64° 54' 41" E 111.70'
S 71° 43' 57" E 112.49'
S 78° 17' 41" E 114.19'
N 86° 7' 58" W 120.29'

PROPOSED (C.A.) FENCE
TOP OF CUT
15
PROPOSED (C.A.) FENCE
20
(INTERIM & ULTIMATE)

556+86.35 82.00'
556+86.26 119.00'
S32°59'33"E 290.06'
N 32° 59' 33" E 290.06'

N 32° 13' 57" E
N 21° 59' 07" W
N 31° 29' 26" E

BEGIN FENCE 101+51.34
31.32'
END FENCE
545+50.26
101+73.08 46.10'
S 67° 46' 14" E 227.54'
N 20° 09' 41" W 191.00'
S 71° 18' 12" E 117.09'
N 84° 20' 23" W 300.00'
S 85° 13' 38" E 150.00'
S 84° 55' 30" E 150.00'
N 84° 20' 23" W 150.00'
S 49° 54' 22" E 55.00'
S 49° 54' 09" E 55.00'
S 49° 54' 25" W 95.14'
S 49° 54' 18" W 84.57'
S 49° 53' 55" W 84.57'
N 49° 54' 18" E 84.57'
S 49° 54' 18" W 84.57'
S 49° 54' 16" W 121.95'
S 34° 39' 38" W
N 38° 46' 19" W 51.10'
N 87° 16' 35" W
N 85° 02' 29" E 144.31'
TOP OF CUT
102+76.68 44.88'
103+60.71 52.56'
103+96.11 15.71'
104+15.00 18.42'
EIP
PL
PROPOSED ROW
TOP OF CUT
TOE OF FILL
MATCHLINE STA. 558+00 SEE SHEET NUMBER 14A

DENAMI HOLDINGS LLC 11+59.06 241.30'
S 58° 49' 54" E 240.69'
N32°13'57"E 406.85'
103+99.49 91.57'
DENAMI HOLDINGS LLC 12+74.29 50.49'
S 58° 50' 37" E 269.51'
DENAMI HOLDINGS LLC 13+53.98 37.55'
S 22° 54' 32" W 80.88'
DENAMI HOLDINGS LLC 14+33.98 38.00'
S 58° 51' 40" E 317.20'
DENAMI HOLDINGS LLC 15+13.81 38.72'
S 32° 13' 57" W 216.44'
N 58° 52' 32" W 40.36'
DENAMI HOLDINGS LLC 15+93.77 39.70'
S 58° 52' 7" E 341.05'
DENAMI HOLDINGS LLC 16+33.47 39.70'
S 58° 52' 32" E 366.51'
PROPOSED ROW
15+94.03 80.06'
N 31° 29' 26" E 136.92'
S 64° 54' 41" E 28.57'
17+27.76 51.61'
S31°27'49"W 114.75'
17+30.94 80.06'
S 64° 54' 41" E 169.47'
DENAMI HOLDINGS LLC
18+42.51 51.61'
S 34° 39' 37" W 130.00'
S 71° 43' 57" E 181.92'
(60) DENAMI HOLDINGS LLC
N 71° 55' 53" W 247.70'
TOP OF CUT
S61°34'39"W 168.45'
(61) MICHAEL ARANOWSKI AND WIFE, JOANNE ARANOWSKI
S 78° 17' 41" E 455.39'
(61) MICHAEL ARANOWSKI AND WIFE, JOANNE ARANOWSKI
20+96.54 114.18'
N 12° 58' 10" E 114.20'
S 86° 7' 58" E 319.38'
(62) DOUGLAS H. BRANDENBURG AND WIFE, SHERRY L. BRANDENBURG
(62-S)
PL
EIP

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

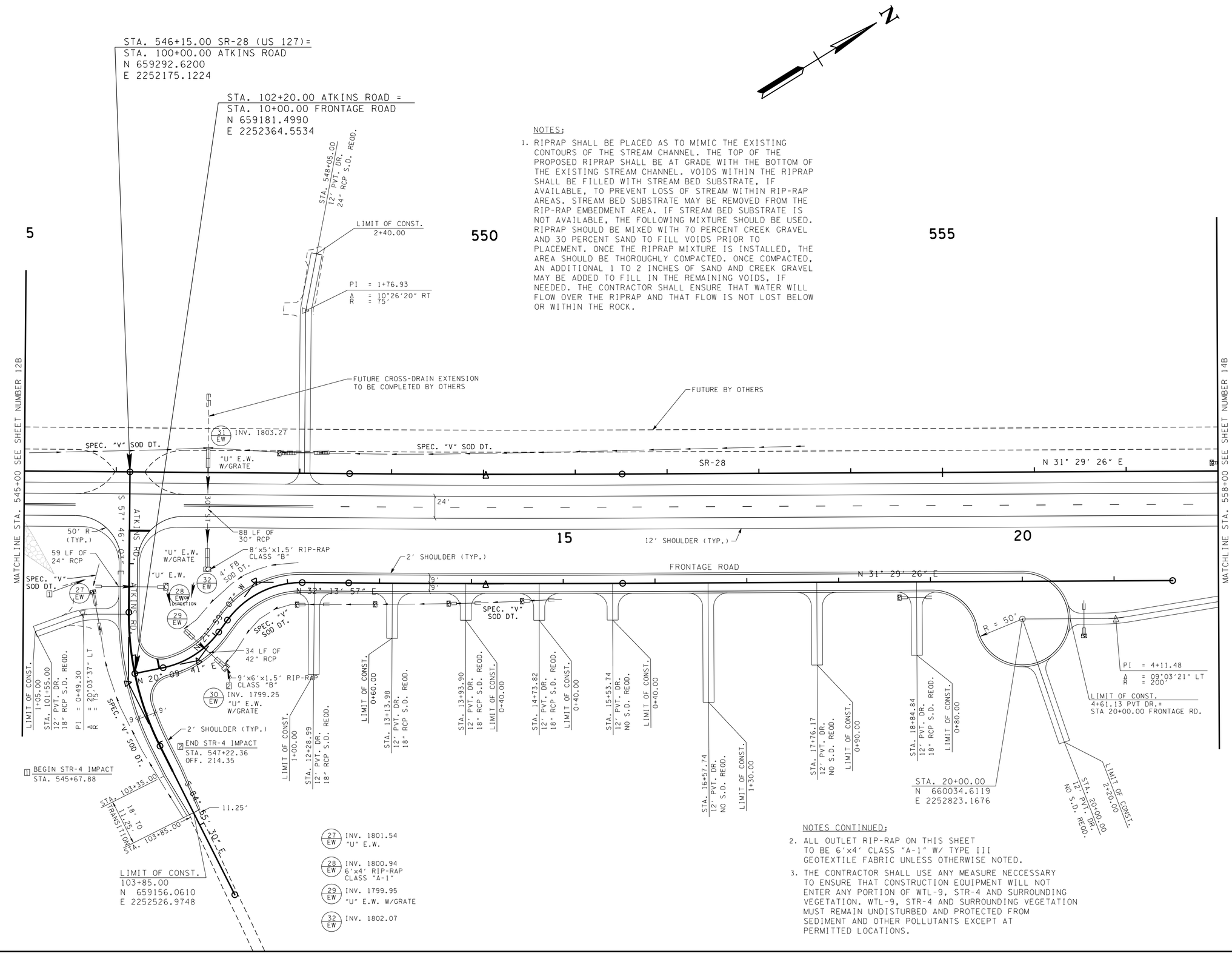
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:21:19 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\013A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	13B
ROW	2020	HPP/NH-28 (37)	13B
PIH	2025	HPP/NH-28 (37)	13B



NOTES:

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

NOTES CONTINUED:

2. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL USE ANY MEASURE NECCESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-9, STR-4 AND SURROUNDING VEGETATION. WTL-9, STR-4 AND SURROUNDING VEGETATION MUST REMAIN UNDISTURBED AND PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT PERMITTED LOCATIONS.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

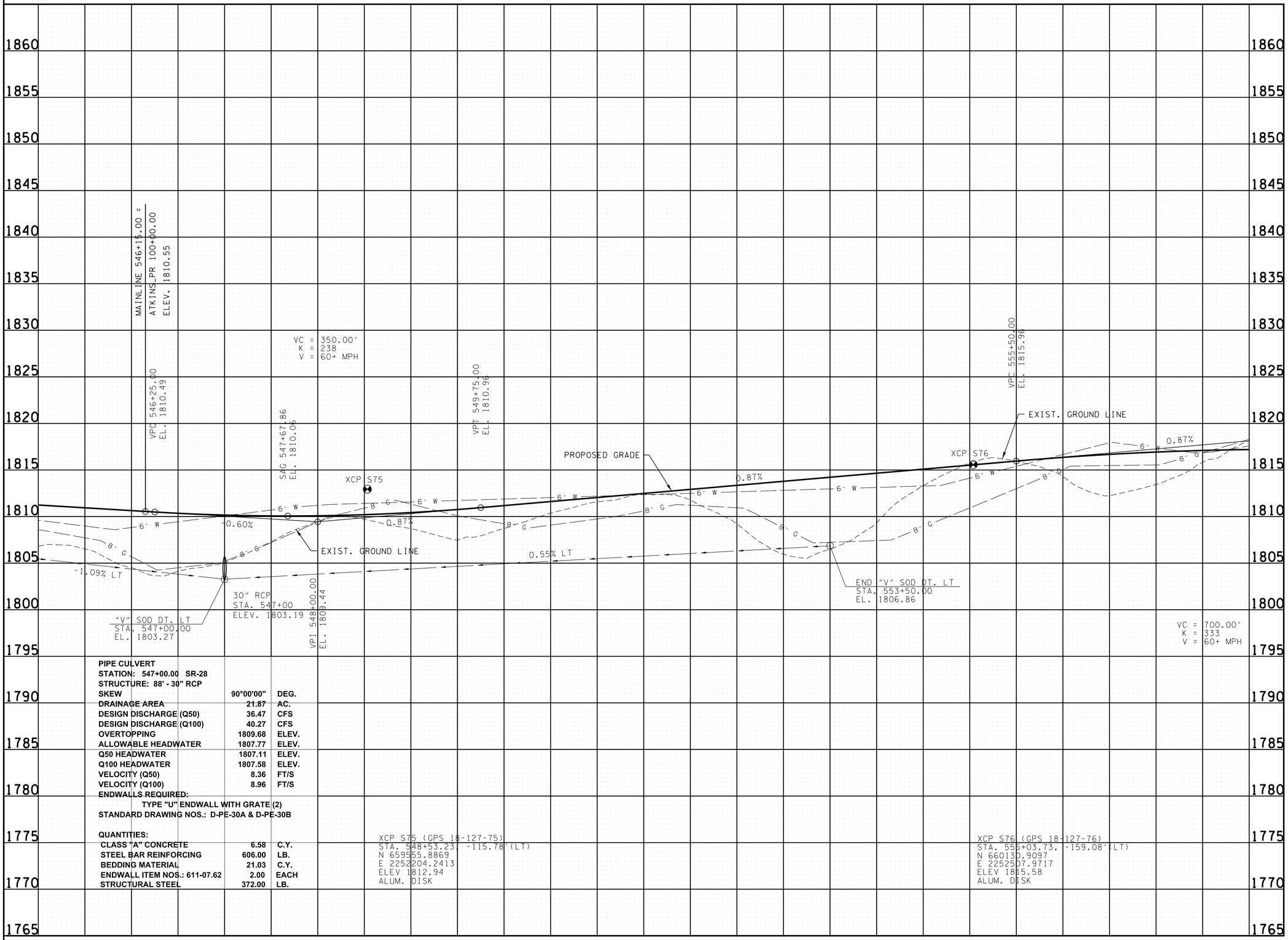
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:21:20 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\013B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	13C
ROW	2020	HPP/NH-28 (37)	13C
PIH	2025	HPP/NH-28 (37)	13C



PIPE CULVERT
STATION: 547+00.00 SR-28
STRUCTURE: 88' - 30" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	21.87	AC.
DESIGN DISCHARGE (Q50)	36.47	CFS
DESIGN DISCHARGE (Q100)	40.27	CFS
OVERTOPPING	1809.68	ELEV.
ALLOWABLE HEADWATER	1807.77	ELEV.
Q50 HEADWATER	1807.11	ELEV.
Q100 HEADWATER	1807.58	ELEV.
VELOCITY (Q50)	8.36	FT/S
VELOCITY (Q100)	8.96	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL WITH GRATE (2)
STANDARD DRAWING NOS.: D-PE-30A & D-PE-30B

QUANTITIES:

CLASS "A" CONCRETE	6.58	C.Y.
STEEL BAR REINFORCING	606.00	LB.
BEDDING MATERIAL	21.03	C.Y.
ENDWALL ITEM NOS.: 611-07.62	2.00	EACH
STRUCTURAL STEEL	372.00	LB.

XCP S75 (GPS 18-127-75)
STA. 548+53.23, -115.78'(LT)
N 659555.8869
E 2252204.2413
ELEV 1812.94
ALUM. DISK

XCP S76 (GPS 18-127-76)
STA. 556+03.73, -159.08'(LT)
N 660130.9097
E 2252507.9717
ELEV 1815.58
ALUM. DISK

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

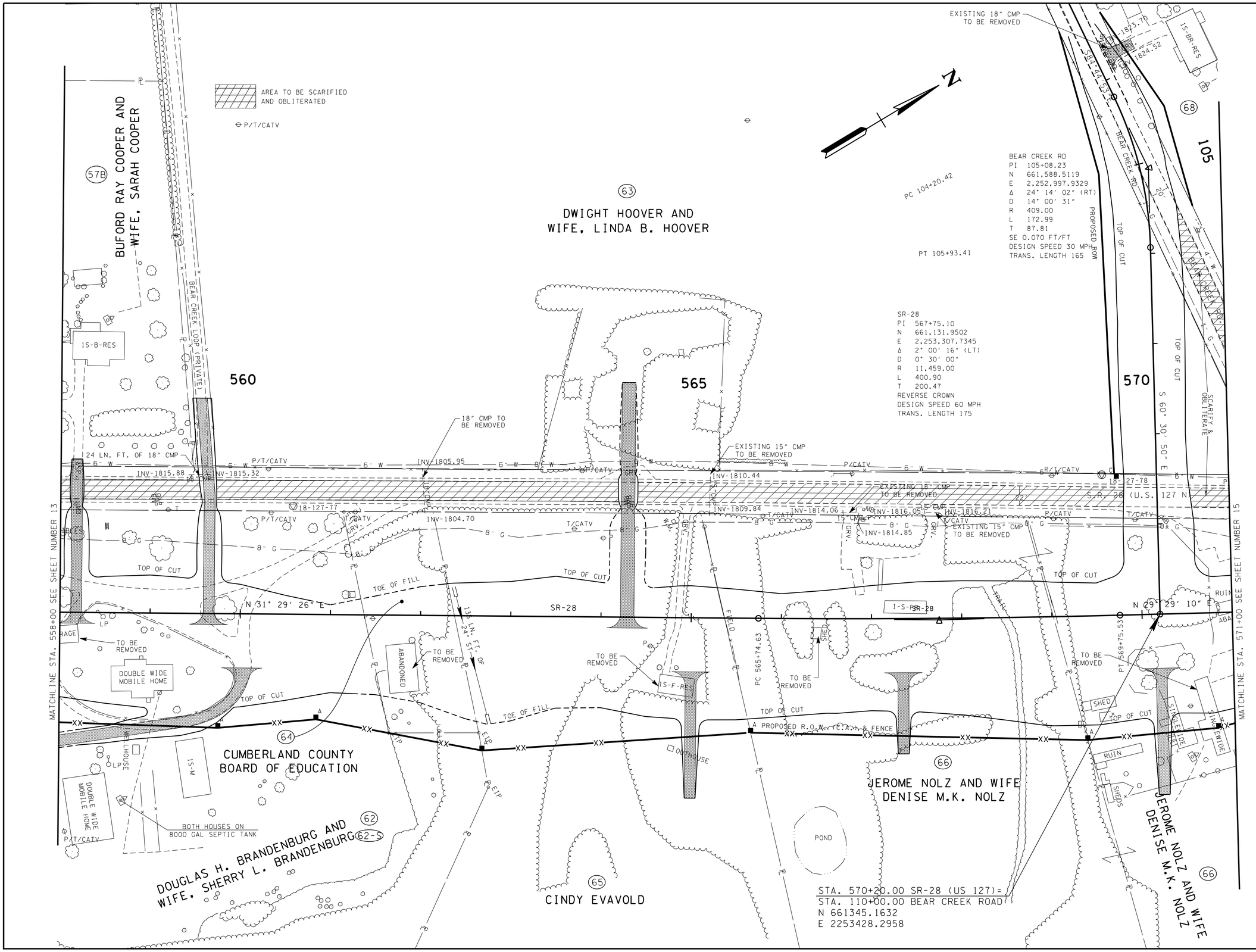
PROPOSED PROFILE

STA. 545+00 TO STA. 558+00

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

1/30/2026 2:21:21 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\013C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	14
ROW	2021	HPP/NH-28 (37)	14
PIH	2025	HPP/NH-28 (37)	14



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

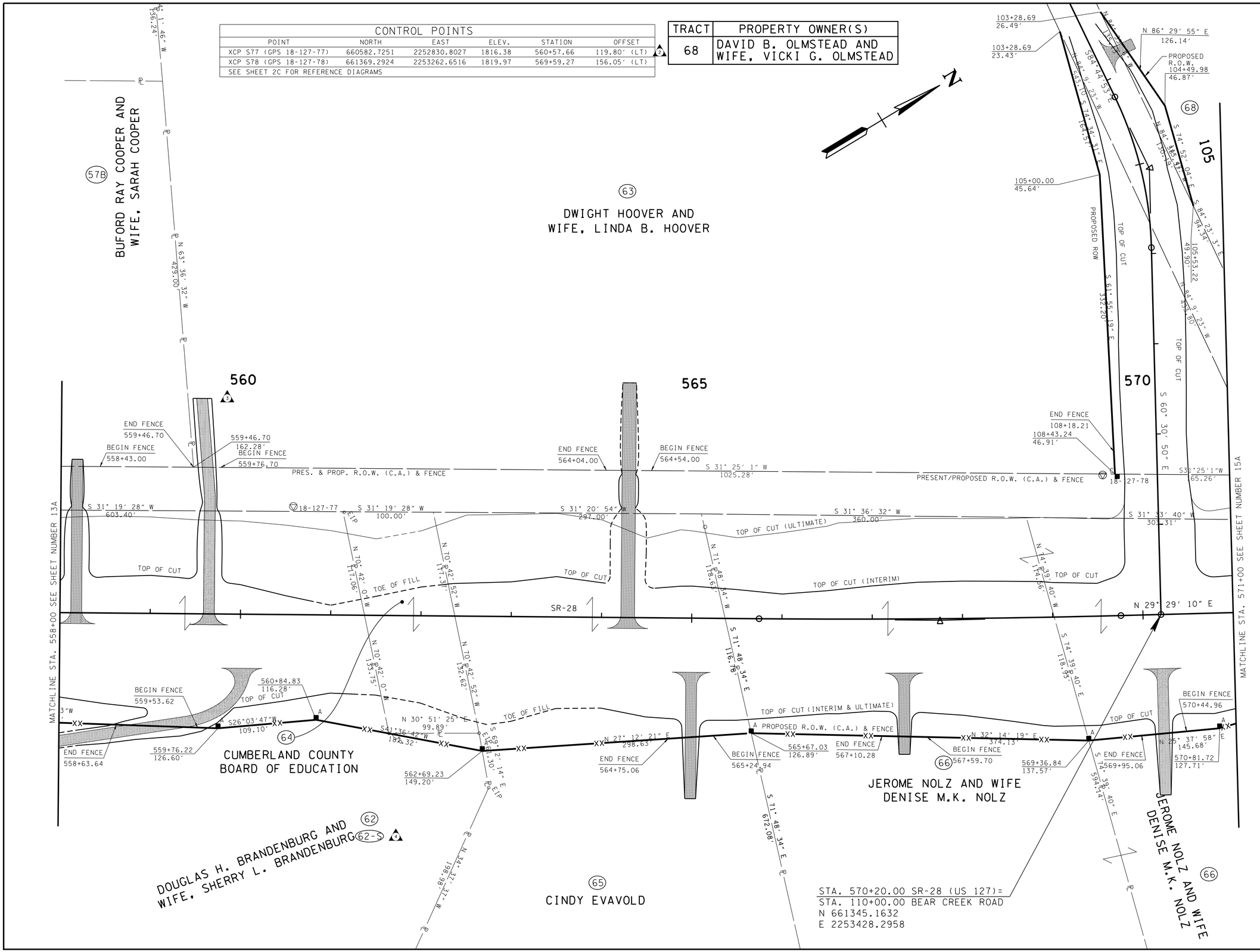
1/30/2026 2:21:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\014.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	14A
ROW	2021	HPP/NH-28 (37)	14A
PIH	2025	HPP/NH-28 (37)	14A

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S77 (GPS 18-127-77)	660582.7251	2252830.8027	1816.38	560+57.66	119.80' (LT)
XCP S78 (GPS 18-127-78)	661369.2924	2253262.6516	1819.97	569+59.27	156.05' (LT)
SEE SHEET 2C FOR REFERENCE DIAGRAMS					

TRACT	PROPERTY OWNER(S)
68	DAVID B. OLMSTEAD AND WIFE, VICKI G. OLMSTEAD

1. REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACT 57B.
2. REVISED 06-17-2021: UPDATED PROPERTY OWNER FOR TRACT 68.
3. REVISED 07-05-2022: ADDED PRIVATE DRIVE AT STA. 559+53.00.
4. REVISED 10-14-2024: ADDED TRACT LABLE FOR TRACT 62-S.



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

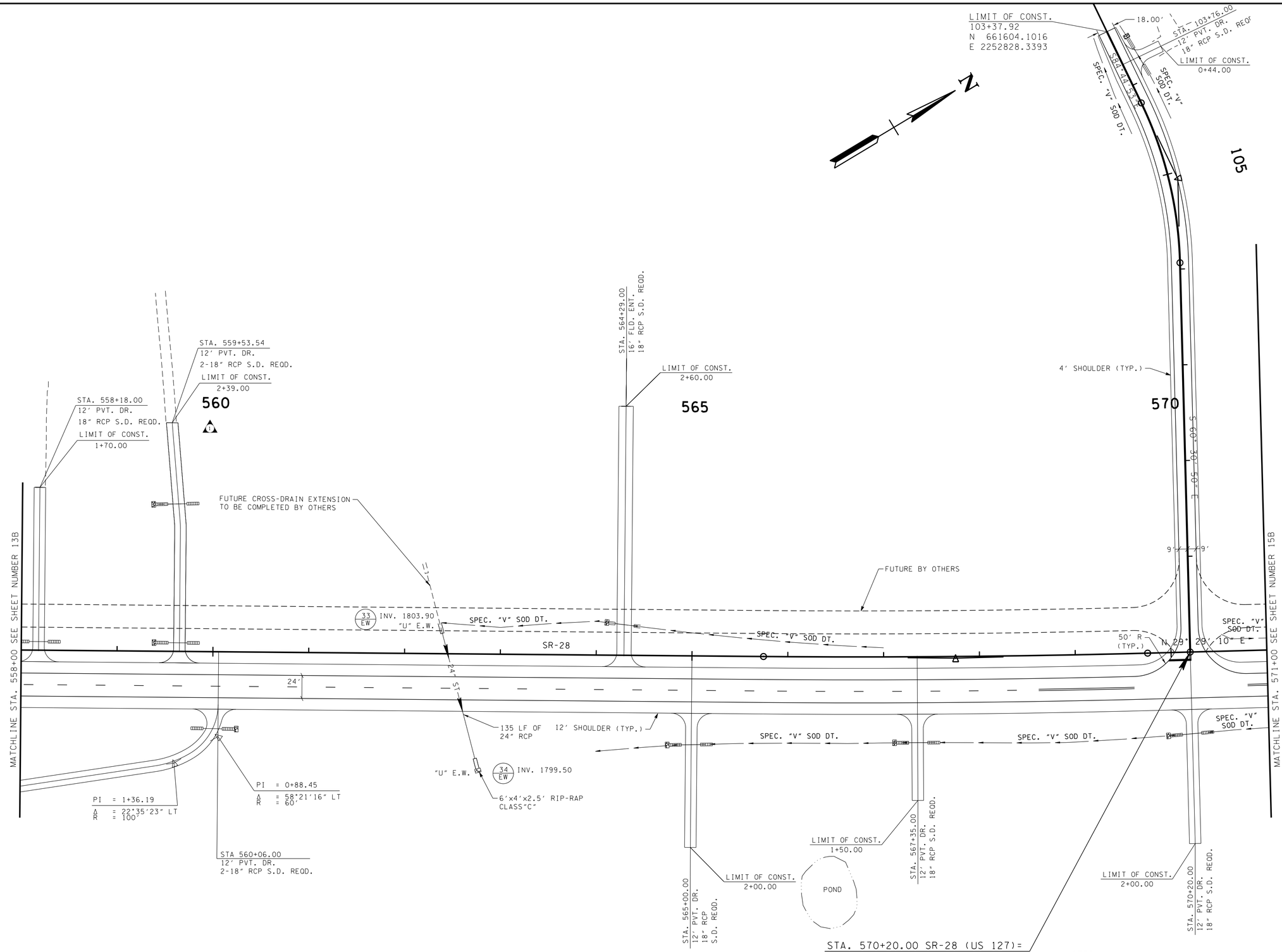
RIGHT OF WAY DETAILS

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

1/30/2026 2:21:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\014A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	14B
ROW	2020	HPP/NH-28 (37)	14B
PIH	2025	HPP/NH-28 (37)	14B

1 REVISED 07-05-2022: ADDED PRIVATE DRIVE AT STA. 559+53.00.



NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

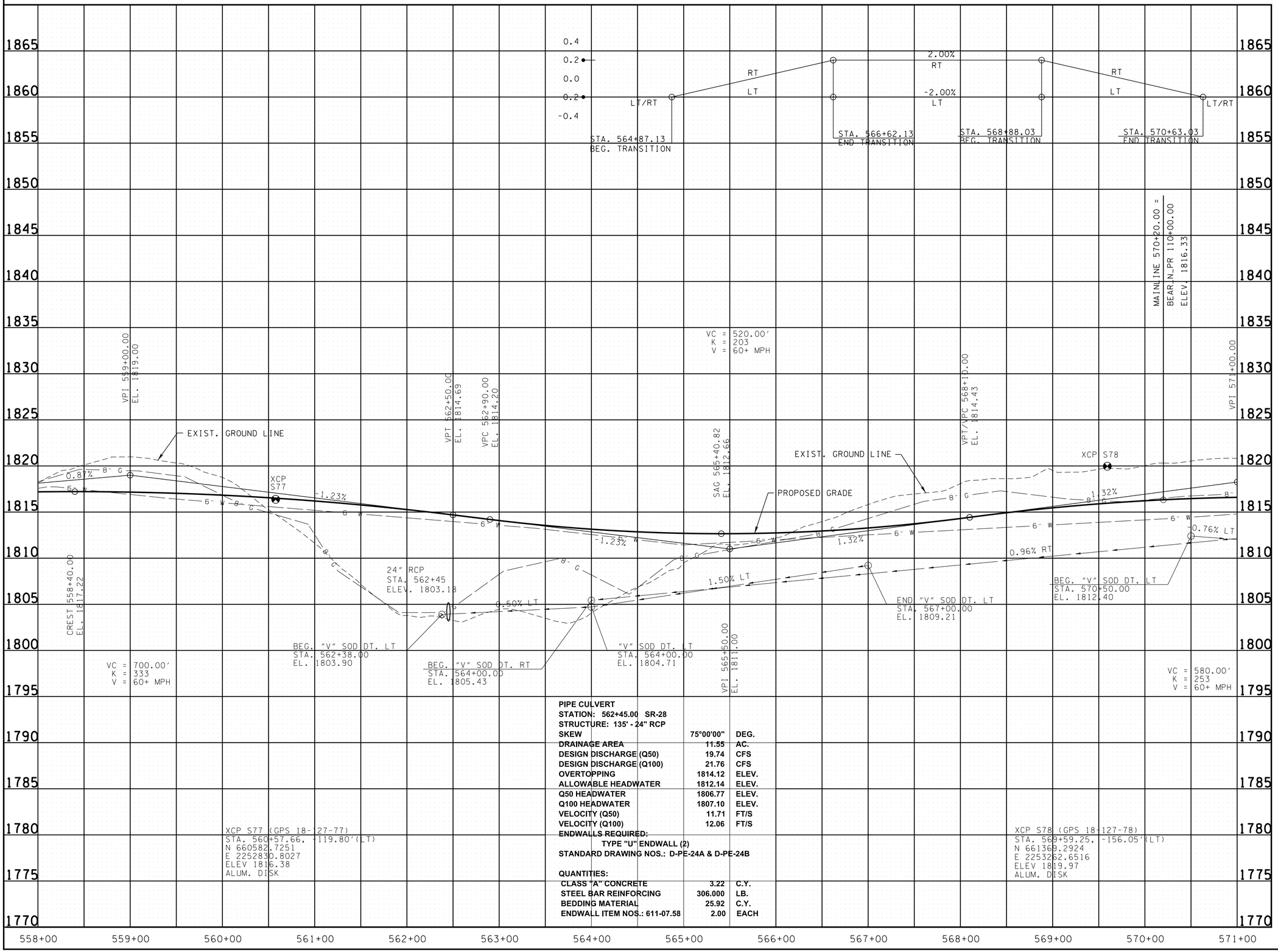
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

1/30/2026 2:21:26 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\014B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	14C
ROW	2020	HPP/NH-28 (37)	14C
PIH	2025	HPP/NH-28 (37)	14C



PIPE CULVERT
STATION: 562+45.00 SR-28
STRUCTURE: 135' - 24" RCP

SKEW	75°00'00"	DEG.
DRAINAGE AREA	11.55	AC.
DESIGN DISCHARGE (Q50)	19.74	CFS
DESIGN DISCHARGE (Q100)	21.76	CFS
OVERTOPPING	1814.12	ELEV.
ALLOWABLE HEADWATER	1812.14	ELEV.
Q50 HEADWATER	1806.77	ELEV.
Q100 HEADWATER	1807.10	ELEV.
VELOCITY (Q50)	11.71	FT/S
VELOCITY (Q100)	12.06	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	3.22	C.Y.
STEEL BAR REINFORCING	306.000	LB.
BEDDING MATERIAL	25.92	C.Y.
ENDWALL ITEM NOS.: 611-07.58	2.00	EACH

XCP S77 (GPS 18-127-77)
STA. 560+57.66, -119.80'(LT)
N 660582.7251
E 2252830.8027
ELEV 1816.38
ALUM. DISK

XCP S78 (GPS 18-127-78)
STA. 569+59.25, -156.05'(LT)
N 661369.2924
E 2253262.6516
ELEV 1819.97
ALUM. DISK

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 558+00 TO STA. 571+00

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

1/30/2026 2:21:27 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\014C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	15
ROW	2021	HPP/NH-28 (37)	15
PIH	2025	HPP/NH-28 (37)	15

1 REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 69, 70, & 71.

2 REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACTS 67, 74, & 76.

3 REVISED 11-20-2023: UPDATED PROPERTY OWNER INFO ON TRACT 72 and 98.

4 REVISED 04-05-2024: UPDATED PROPERTY OWNER INFO ON TRACT 76.

MATCHLINE STA. 571+00 SEE SHEET NUMBER 14

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER 16

69 DONNIE HITE AND CHRISTEENE HITE

70 MILDRED A. SHERRILL

71 PATRICK H. SIMS AND WIFE, CLARA A. SIMS

73 ROY DWIGHT HOOVER AND WIFE, LINDA MARIE HOOVER

74

76

67 BRENDA PARKER AND CHRISTINE VAN CAMP

66 JEROME NOLZ AND WIFE DENISE M.K. NOLZ

98

72 MICKEY M NELSON, ET AL

80 BRENT D. STATON

575

125

SR-28

BUTTERNUT RIDGE RD
PI 127+29.78
N 662,539.7272
E 2,253,820.2535
Δ 5° 24′ 07″ (RT)
D 4° 00′ 00″
R 1,432.40
L 135.05
T 67.57
SE 0.031 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 100
PC 126+62.20
PT 127+97.25
POT 125+60.00

BEATY ROAD
PI 124+65.63
N 661,479.1894
E 2,254,039.2029
Δ 22° 50′ 01″ (LT)
D 18° 01′ 03″
R 318.00
L 126.73
T 64.22
SE 0.054 FT/FT
DESIGN SPEED 20 MPH
TRANS. LENGTH 120
PC 124+01.42
PT 125+28.15

SR-28
N 661,828.7575
E 2,253,701.7442
Δ 2° 00′ 16″ (RT)
D 0° 30′ 00″
R 11,459.00
L 400.90
T 200.47
SE 0.020 FT/FT
DESIGN SPEED 60 MPH
TRANS. LENGTH 175
PC 573+75.08
PT 577+75.98

BEGIN WWC-4/ EPH-4 IMPACT
STA. 574+07.99
OFF. 226.18

END WWC-4/ EPH-4 IMPACT
STA. 573+60.64
OFF. 250.96

STA. 574+40.00 SR-28 (US 127) =
STA. 120+00.00 BEATY ROAD
N 661710.6723
E 2253635.1842

STA. 581+08.18 SR-28 (US 127) =
STA. 130+00.00 BUTTERNUT RIDGE ROAD
N 662398.5212
E 2254050.7663

EQUATION:
STA. 581+35.50 BK =
STA. 580+00.00 AH

LEGEND	POND IMPACTS (POND-4)
	AREA OF PERMANENT IMPACT = 0.0367 AC.
	VOLUME OF PERMANENT IMPACT = 178 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0000 AC.
	VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

AREA TO BE SCARIFIED AND OBLITERATED

TRACT	PROPERTY OWNER(S)
74	RODNEY VAN NATTER
76	NICHOLAS INTURIAS

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S79 (GPS 18-127-79)	662055.3275	2253731.3626	1819.39	577+84.18	93.09′ (LT)
SEE SHEET 2C FOR REFERENCE DIAGRAMS					

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 571+00 TO STA. 582+00 R2
SCALE: 1"= 50'

1/30/2026 2:21:29 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\015.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	15A
ROW	2021	HPP/NH-28 (37)	15A
PIH	2025	HPP/NH-28 (37)	15A

1 REVISED 06-02-2021: REMOVED LINE THROUGH ON TRACTS 69, 70, & 71.

2 REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACTS 67, 74, & 76.

3 REVISED 11-20-2023: UPDATED PROPERTY OWNER INFO ON TRACTS 72 and 98.

4 REVISED 04-05-2024: UPDATED PROPERTY OWNER INFO ON TRACT 76.

MATCHLINE STA. 571+00 SEE SHEET NUMBER 14A

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER 16A

DONNIE HITE AND CHRISTEENE HITE (69)

MILDRED A. SHERRILL (70)

PATRICK H. SIMS AND WIFE, CLARA A. SIMS (71)

ROY DWIGHT HOOVER AND WIFE, LINDA MARIE HOOVER (73)

JEROME NOLZ AND WIFE DENISE M.K. NOLZ (66)

BRENDA PARKER AND CHRISTINE VAN CAMP (67)

MICKEY M NELSON, ET AL (72)

BRENT D. STATON (80)

575

125

SR-28

PRESENT R.O.W.

PRES. & PROP. R.O.W. (C.A.) & FENCE

PROPOSED R.O.W. (C.A.) & FENCE

PROPOSED ROW

TOP OF CUT

TOP OF CUT (ULTIMATE)

(INTERIM) TOP OF CUT

TOP OF CUT (INTERIM & ULTIMATE)

TOE OF FILL

BEGIN FENCE

END FENCE

18-127-79

STA. 574+40.00 SR-28 (US 127)=
STA. 120+00.00 BEATY ROAD
N 661710.6723
E 2253635.1842

STA. 581+08.18 SR-28 (US 127) =
STA. 130+00.00 BUTTERNUT RIDGE ROAD
N 662398.5212
E 2254050.7663

EQUATION:
STA. 581+59.59 BK =
STA. 580+69.09 AH

TRACT	PROPERTY OWNER(S)
74	RODNEY VAN NATTER
76	NICHOLAS INTURIAS

CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S79 (GPS 18-127-79)	662055.3275	2253731.3626	1819.39	577+84.21	93.09' (LT)

SEE SHEET 2C FOR REFERENCE DIAGRAMS

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

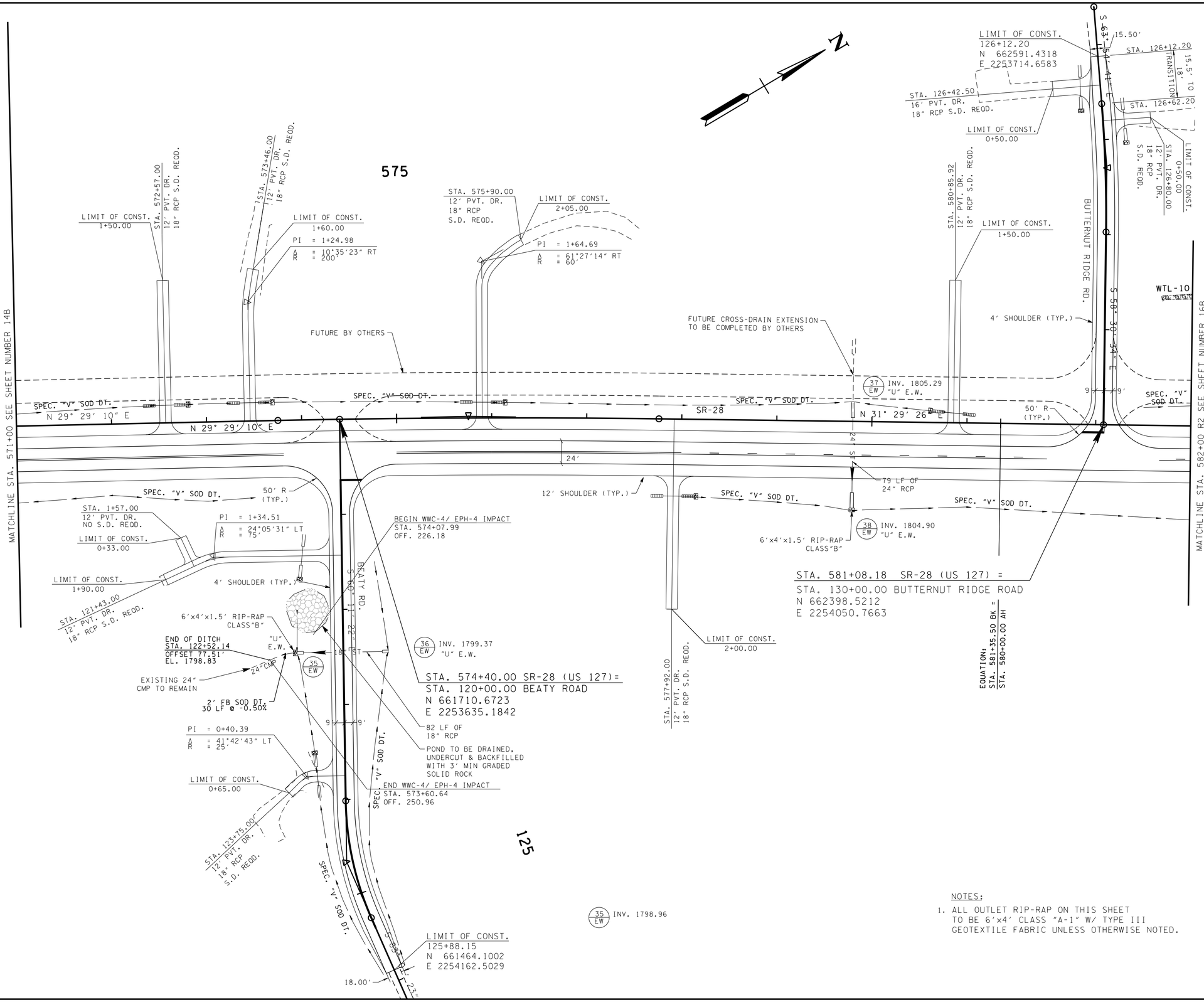
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 571+00 TO STA. 571+00 R2
SCALE: 1"= 50'

1/30/2026 2:21:31 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\015A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	15B
ROW	2020	HPP/NH-28 (37)	15B
PIH	2025	HPP/NH-28 (37)	15B



NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

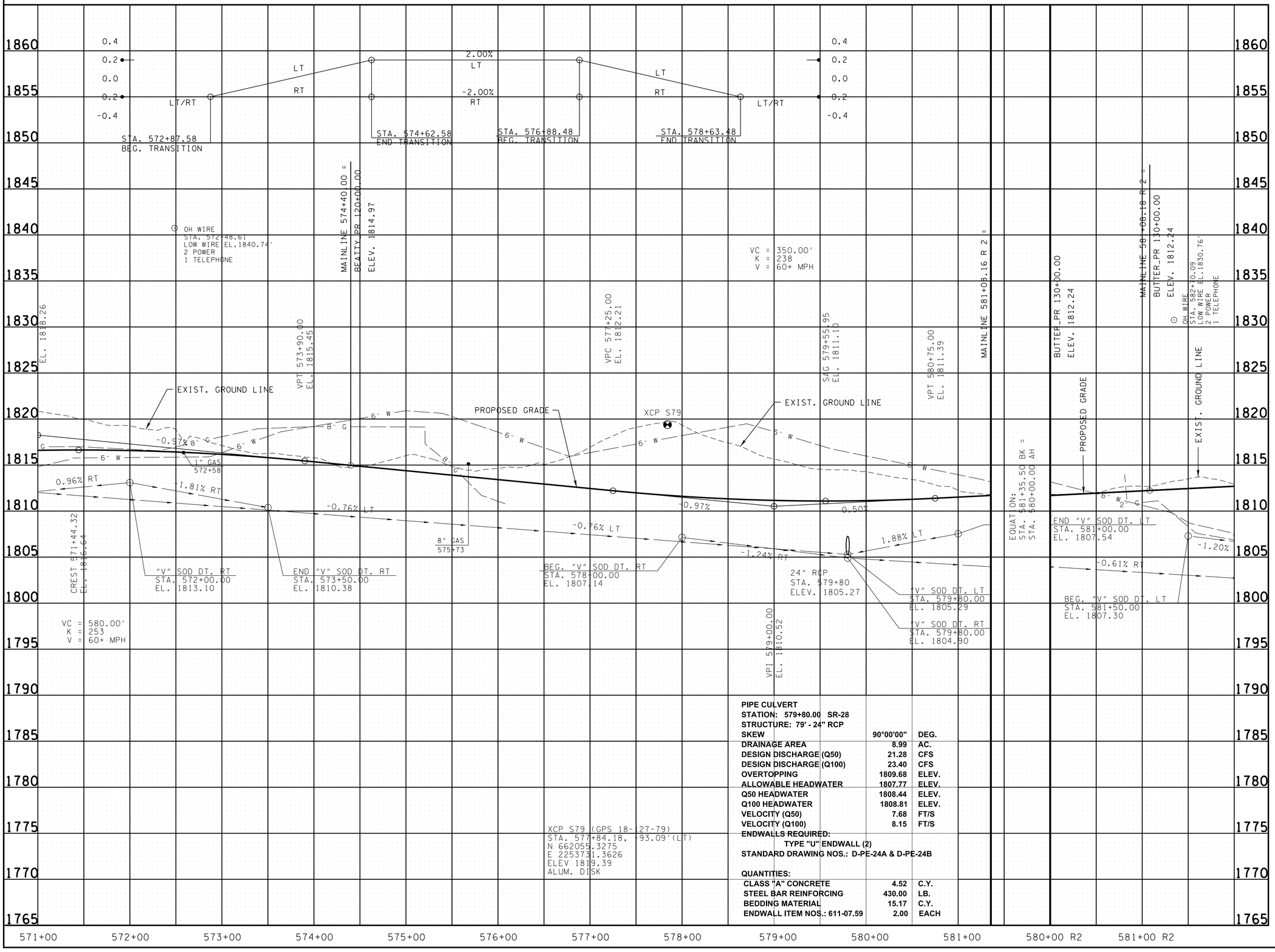
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 571+00 TO STA. 582+00 R2
SCALE: 1"= 50'

1/30/2026 2:21:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\015B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	15C
ROW	2020	HPP/NH-28 (37)	15C
PIH	2025	HPP/NH-28 (37)	15C



PIPE CULVERT		
STATION: 579+80.00 SR-28		
STRUCTURE: 79' - 24" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	8.99	AC.
DESIGN DISCHARGE (Q50)	21.28	CFS
DESIGN DISCHARGE (Q100)	23.40	CFS
OVERTOPPING	1809.68	ELEV.
ALLOWABLE HEADWATER	1807.77	ELEV.
Q50 HEADWATER	1808.44	ELEV.
Q100 HEADWATER	1808.81	ELEV.
VELOCITY (Q50)	7.68	FT/S
VELOCITY (Q100)	8.15	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B		
QUANTITIES:		
CLASS "A" CONCRETE	4.52	C.Y.
STEEL BAR REINFORCING	430.00	LB.
BEDDING MATERIAL	15.17	C.Y.
ENDWALL ITEM NOS.: 611-07.59	2.00	EACH

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 571+00 TO STA. 582+00 R2

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

1/30/2026 2:21:33 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\015C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	16
ROW	2021	HPP/NH-28 (37)	16
PIH	2025	HPP/NH-28 (37)	16

1. REVISED 06-02-2021: DELETED TRACTS 82 & 85. ADDED TRACT 83A. REMOVED LINE THROUGH ON TRACTS 76, 78, 81, 83, & 84.
2. REVISED 06-17-2021: ADDED LABEL FOR TRACT 83A.
3. REVISED 03-03-2022: LINED THROUGH TRACT 83A. ADDED PRIVATE DRIVE AT STA. 589+13.
4. REVISED 07-22-2022: ADDED PRIVATE DRIVE AT STA. 586+83.71.
5. REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACT 76.
6. REVISED 11-20-2023: UPDATED PROPERTY OWNER INFO ON TRACT 76.

MATCHLINE STA. 582+00 SEE SHEET NUMBER 15

MATCHLINE STA. 595+00 SEE SHEET NUMBER 17

1S-F-RES

(77) ~~CARL L. NORRIS & FRANKLIN A. PALMER~~

(81) EDDIE D. HAMBY AND WIFE, ALEASHEA HAMBY

(83) GLORIA WRIGHT

(84) RINNIE BAPTIST CHURCH

RINNIE BAPTIST CHURCH

(89) ~~ARVINE DYDEN HEIRS~~

GROUND OBSCURED

1S-BL-RES

GRV.

METAL SHEDS

SHED

SINGLEWIDE TRAILER

(76) NICHOLAS INTURIAS

DOUBLEWIDE TRAILER

(78) VAUGHN ATKINSON AND WIFE, SUSAN ATKINSON

585

NO INFO.

GARAGE

SHOP

SUGAR LN. (PVT.)

1S-F-RES

P/T

STONE SIDEWALK

EXISTING CMP TO REMAIN

WTL-10

INV-1807.62

INV-1807.06

MW28 RIM 1807.06

T/CATV

ATV TRAIL

10' METAL WALL

TOP OF CUT

BEGIN STREAM IMPACT
STA. 583+71.54
OFF. -44.47
N 31° 29' 26" E

(79) SAMUEL CRACE AND WIFE, JUDY CRACE

(72) STR-5

GROUND OBSCURED

SEP-1

24" ST

END STREAM IMPACT
STA. 584+51.52
OFF. 129.18

GENELLE NELSON AND HUSBAND MELVIN NELSON

(80) BRENT D. STATON

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

TRANSFORMER

P/CATV

INV-1809.53

EXISTING 18" RCP TO BE REMOVED

INV-1808.88

INV-1810.72

18" CMP

TS 587+17.91

SR-28

PI 596+08.41
N 663,681.7270
E 2,254,836.8240
Δs 15° 15' 35" (LT)
Θs 1° 16' 30"
Δc 12° 42' 35" (LT)
Dc 1° 00' 00"
Rc 5,729.58
Lc 1,270.98
Ts 895.10
Ls 255.00
SE 0.036 FT/FT
DESIGN SPEED 70 MPH

STA. 592+50.00 SR-28 (US 127)

STA. 140+00.00 N. LOWE ROAD
N 663379.5967
E 2254634.4477

†CEM†

(83A) ~~GRAYRON JAMES WRIGHT~~

590

APPROX. OUTLINE OF GRAVES

SC 589+72.91

INV-1808.18

INV-1807.37

EXISTING 18" CMP TO BE REMOVED

EXISTING 18" RCP TO BE REMOVED

10' METAL WALL

12"HDPE (OUTLET UNKNOWN)
INLET INV-1802.63

WTL-11=
WTL-1 (.05)

GRAVEL

TOE OF FILL

TOP OF CUT

TO BE REMOVED

IS-M-BUS

WEDEL IRON AND METAL

PROPOSED R.O.W. (C.A.) & FENCE

GROUND OBSCURED

SWM POND

(79) SAMUEL CRACE AND WIFE, JUDY CRACE

(79) SAMUEL CRACE AND WIFE, JUDY CRACE

PROPERTY ACQUIRED ON ADJ. PROJ. PIN 100260.05

PROPERTY ACQUIRED ON ADJ. PROJ. PIN 100260.05

ROW TO BE ACQUIRED BY OTHERS

EXISTING 12" CMP TO BE REMOVED

INV-1811.63

INV-1810.84

(86) ~~JAMES M. SHACKELFORD, JANICE SHACKELFORD, AND JAMES M. SHACKELFORD, II~~

CHAIN LINK

595

ASP.

P/T/CATV

SHED

ABANDONED

1S-F-RES RUIN

18-127-81

INV-1808.90

18" RCP

INV-1808.61

WTL-12

S.R. 28

S.R. 28 (U.S. 127 N)

PROPOSED TO BE COMPLETED BY OTHERS

EXISTING 18" RCP TO BE REMOVED

TOP OF CUT

GARAGE

1-SF RES

PROPERTY PURCHASED BY STATE AS OF 2019

ROW TO BE ACQUIRED BY OTHERS

TOE OF FILL
POT 142+00.07

(87) ~~SANDRA LYNN HOWARD~~

1S-F-RES

GARAGE

GROUND OBSCURED

S 68° 50' 28" E

CONC.

GRV.

DIRT

GROUND OBSCURE

145

LEGEND	WETLAND IMPACTS (WTL-11=WTL-1(0.5))
	AREA OF PERMANENT IMPACT = 0.0181 AC. VOLUME OF PERMANENT IMPACT = 29.2 C.Y.
	AREA OF TEMPORARY IMPACT = 0.0000 AC. VOLUME OF TEMPORARY IMPACT = 0.0 C.Y.

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
XCP S80 (GPS 18-127-80)	662761.7548	2254108.9343	1811.97	584+48.28 R2	140.14' (LT)
XCP S81 (GPS 18-127-81)	663333.7143	2254456.4638	1812.88	591+24.23 R2	135.46' (LT)
SEE SHEET 2C FOR REFERENCE DIAGRAMS					

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

AREA TO BE SCARIFIED AND OBLITERATED

TRACT ACQUIRED BY STATE

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 582+00 TO STA. 595+00
SCALE: 1"= 50'

1/30/2026 2:21:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\016.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	16A
ROW	2021	HPP/NH-28 (37)	16A
PIH	2025	HPP/NH-28 (37)	16A

1. REVISED 06-02-2021: DELETED TRACTS 82 & 85. ADDED TRACT 83A. REMOVED LINE THROUGH ON TRACTS 76, 78, 81, 83, & 84.
2. REVISED 06-17-2021: ADDED LABEL FOR TRACT 83A.
3. REVISED 03-03-2022: LINED THROUGH TRACT 83A. UPDATED ROW CALLOUTS. ADDED PRIVATE DRIVE AT STA. 589+13.
4. REVISED 07-22-2022: ADDED PRIVATE DRIVE AT STA. 586+83.71.
5. REVISED 07-28-2023: UPDATED PROPERTY OWNER INFO ON TRACT 76.
6. REVISED 11-20-2023: UPDATED PROPERTY OWNER INFO ON TRACT 76. ADDED A BREAK IN C.A. FENCE FOR DRIVEWAY ON TRACT 83.

77 ~~CARL L. NORRIS & FRANKLIN A. PALMER~~

76 NICHOLAS INTURIAS

78 VAUGHN ATKINSON AND WIFE, SUSAN ATKINSON

81 EDDIE D. HAMBY AND WIFE, ALEASHEA HAMBY

83 GLORIA WRIGHT

84 RINNIE BAPTIST CHURCH

89 ~~ARVINE DYDEN HEIRS~~

83A ~~GRAYRON JAMES WRIGHT~~

585

590

595

STA. 592+50.00 SR-28 (US 127) =
STA. 140+00.00 N. LOWE ROAD
N 663379.5967
E 2254634.4477

MATCHLINE STA. 582+00 SEE SHEET NUMBER 15A

MATCHLINE STA. 595+00 SEE SHEET NUMBER 17A

TOP OF CUT (ULTIMATE)

TOP OF CUT

PRES. & PROP. R.O.W. (C.A.) & FENCE

PRESENT R.O.W.

SR-28

TOE OF FILL (INTERIM & ULTIMATE)

PROPOSED R.O.W. (C.A.) & FENCE

ROW TO BE ACQUIRED BY OTHERS

PROPERTY PURCHASED BY STATE AS OF 2019

79 SAMUEL CRACE AND WIFE, JUDY CRACE

80 BRENT D. STATON

GENELLE NELSON AND HUSBAND MELVIN NELSON

PROPERTY ACQUIRED ON ADJ. PROJ. PIN 100260.05

86 ~~JAMES M. SHACKELFORD, JANICE SHACKELFORD, AND JAMES M. SHACKELFORD, II~~

87 ~~SANDRA LYNN HOWARD~~

N. LOWE ROAD

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

TRACT ACQUIRED BY STATE

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 582+00 TO STA. 595+00
SCALE: 1"= 50'

1/30/2026 2:21:38 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\016A.sht

NOTES:

1. ALL OUTLET RIP-RAP ON THIS SHEET TO BE 6'x4' CLASS "A-1" W/ TYPE III GEOTEXTILE FABRIC UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL USE ANY MEASURE NECCESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-10, STR-5 AND SURROUNDING VEGETATION. WTL-10, STR-5 AND SURROUNDING VEGETATION MUST REMAIN UNDISTURBED AND PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT PERMITTED LOCATIONS.
3. THE LOCATION OF SEP-1 SHALL BE FIELD VERIFIED BY REGION 2 ECOLOGY STAFF. PRIOR TO INSTALLATION OF SPRING BOX OR FRENCH DRAIN (STRUCTURE TO BE REVISED ACCORDING TO DESIGN).
4. THE LOCATION OF SEP-1 SHALL BE VERIFIED BY CONTRACTOR IN THE FIELD PRIOR TO INSTALLATION OF SPRING BOX.

NOTES CONTINUED:

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

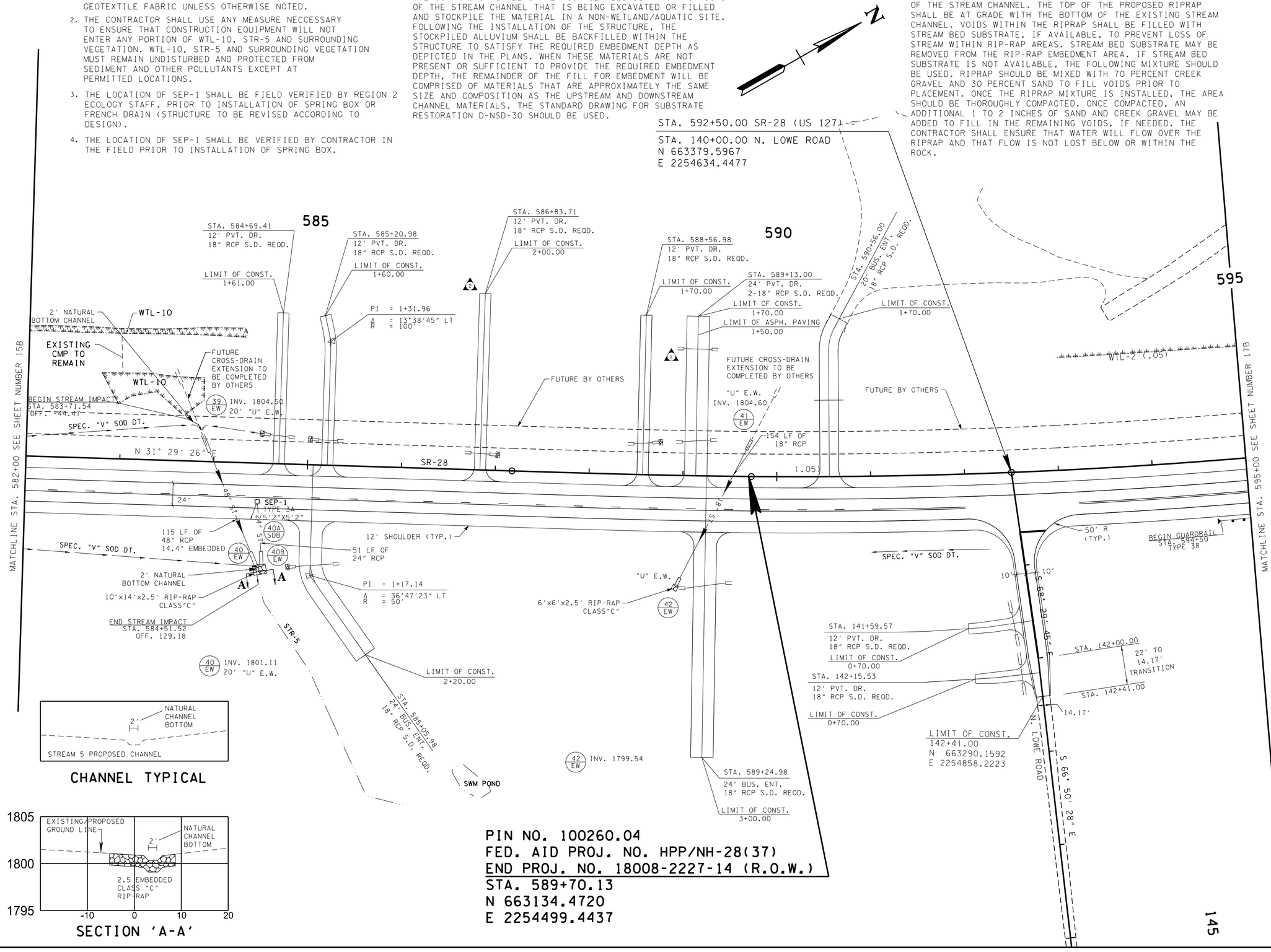
NOTES CONTINUED:

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	16B
ROW	2020	HPP/NH-28 (37)	16B
PIH	2025	HPP/NH-28 (37)	16B

1 REVISED 03-03-2022: ADDED PRIVATE DRIVE AT STA. 589+13.

2 REVISED 07-22-2022: ADDED PRIVATE DRIVE AT 586+83.71.



PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

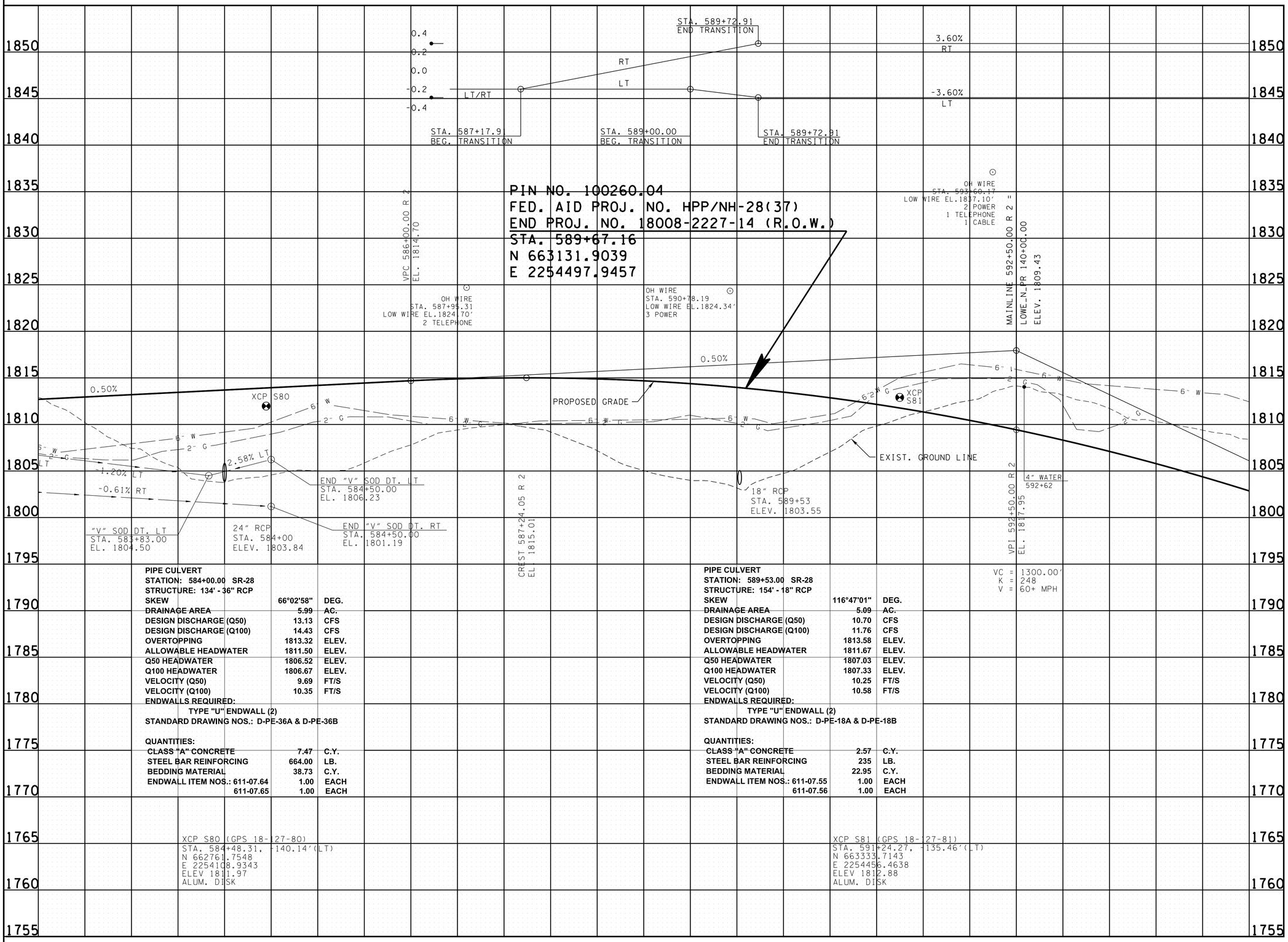
PROPOSED LAYOUT

STA. 582+00 TO STA. 595+00
SCALE: 1"= 50'

145

1/30/2026 2:21:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\016B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	16C
ROW	2020	HPP/NH-28 (37)	16C
PIH	2025	HPP/NH-28 (37)	16C



PIPE CULVERT		
STATION: 584+00.00 SR-28		
STRUCTURE: 134' - 36" RCP		
SKEW	66°02'58"	DEG.
DRAINAGE AREA	5.99	AC.
DESIGN DISCHARGE (Q50)	13.13	CFS
DESIGN DISCHARGE (Q100)	14.43	CFS
OVERTOPPING	1813.32	ELEV.
ALLOWABLE HEADWATER	1811.50	ELEV.
Q50 HEADWATER	1806.52	ELEV.
Q100 HEADWATER	1806.67	ELEV.
VELOCITY (Q50)	9.69	FT/S
VELOCITY (Q100)	10.35	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-36A & D-PE-36B		
QUANTITIES:		
CLASS "A" CONCRETE	7.47	C.Y.
STEEL BAR REINFORCING	664.00	LB.
BEDDING MATERIAL	38.73	C.Y.
ENDWALL ITEM NOS.: 611-07.64	1.00	EACH
611-07.65	1.00	EACH

XCP S80 (GPS 18-127-80)
STA. 584+48.31, -140.14'(LT)
N 662761.7548
E 2254108.9343
ELEV 1811.97
ALUM. DISK

PIPE CULVERT		
STATION: 589+53.00 SR-28		
STRUCTURE: 154' - 18" RCP		
SKEW	116°47'01"	DEG.
DRAINAGE AREA	5.09	AC.
DESIGN DISCHARGE (Q50)	10.70	CFS
DESIGN DISCHARGE (Q100)	11.76	CFS
OVERTOPPING	1813.58	ELEV.
ALLOWABLE HEADWATER	1811.67	ELEV.
Q50 HEADWATER	1807.03	ELEV.
Q100 HEADWATER	1807.33	ELEV.
VELOCITY (Q50)	10.25	FT/S
VELOCITY (Q100)	10.58	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	2.57	C.Y.
STEEL BAR REINFORCING	235	LB.
BEDDING MATERIAL	22.95	C.Y.
ENDWALL ITEM NOS.: 611-07.55	1.00	EACH
611-07.56	1.00	EACH

XCP S81 (GPS 18-127-81)
STA. 591+24.27, -135.46'(LT)
N 663333.7143
E 2254456.4638
ELEV 1812.88
ALUM. DISK

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

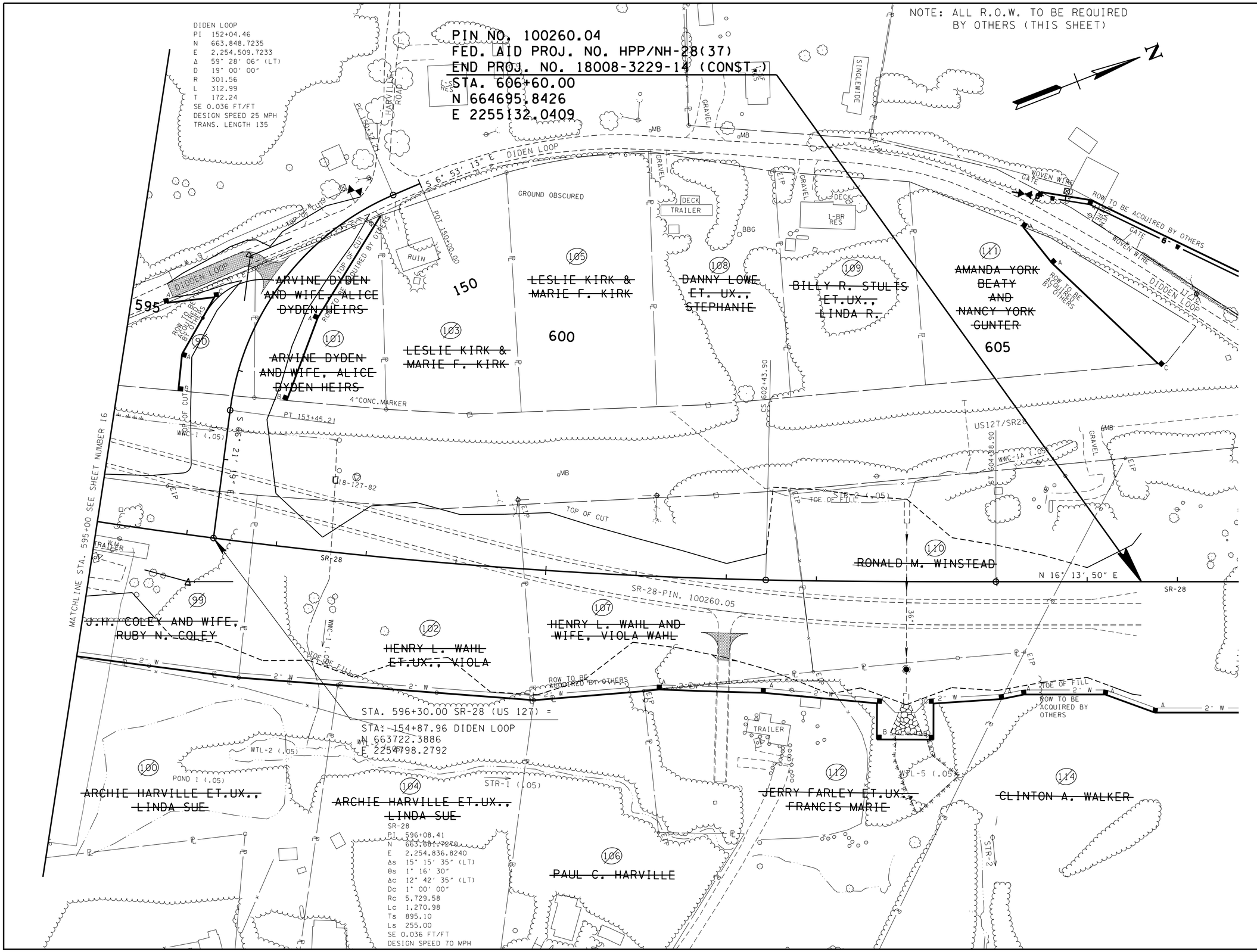
PROPOSED PROFILE

STA. 582+00 TO STA. 595+00

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

1/30/2026 2:21:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\016C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	17
ROW	2020	HPP/NH-28 (37)	17
PIH	2025	HPP/NH-28 (37)	17



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 595+00 TO END PROJ.
SCALE: 1"= 50'

1/30/2026 2:21:43 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\017.sht

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409

NOTE: ALL R.O.W. TO BE REQUIRED BY OTHERS (THIS SHEET)

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	17A
ROW	2020	HPP/NH-28 (37)	17A
PIH	2025	HPP/NH-28 (37)	17A

MATCHLINE STA. 595+00 SEE SHEET NUMBER 16A

595

99 J.H. COLEY AND WIFE, RUBY N. COLEY

100 ARCHIE HARVILLE ET.UX., LINDA SUE

101 ARVINE DYDEN AND WIFE, ALICE DYDEN HEIRS

102 HENRY L. WAHL ET.UX., VIOLA

103 LESLIE KIRK & MARIE F. KIRK

104 ARCHIE HARVILLE ET.UX., LINDA SUE

105 LESLIE KIRK & MARIE F. KIRK

106 PAUL C. HARVILLE

107 HENRY L. WAHL AND WIFE, VIOLA WAHL

108 DANNY LOWE ET. UX., STEPHANIE

109 BILLY R. STULTS ET.UX., LINDA R.

110 RONALD M. WINSTEAD

111 AMANDA YORK BEATY AND NANCY YORK GUNTER

112 JERRY FARLEY ET.UX., FRANCIS MARIE

114 CLINTON A. WALKER

150

600

605

DIDEN LOOP

TOP OF CUT

TOE OF FILL

ROW TO BE ACQUIRED BY OTHERS

18-127-82

STA. 596+30.00 SR-28 (US 127) =
STA. 154+87.96 DIDEN LOOP
N 663722.3886
E 2254798.2792

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 582+00 TO END PROJ.
SCALE: 1"= 50'

1/30/2026 2:21:56 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\017A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	17B
ROW	2020	HPP/NH-28 (37)	17B
PIH	2025	HPP/NH-28 (37)	17B

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409

N

S 6° 53' 13" E DIDEN LOOP

LIMIT OF CONST.
150+65.00
N 663987.4524
E 2254494.7397

14:1

7:1

STA. 150+65.00

21.20' TO 22' TRANSITION

STA. 151+65.00

LIMIT OF CONST.
1+40.00

595

150

600

605

STA. 151+89.00
16" BUS. ENT.
18" RCP S.D. REQD.

WTL-2 (.05)

MATCHLINE STA. 595+00 SEE SHEET NUMBER 16B

S 66° 21' 19" E

50' R (TYP.)

10'

10'

10'

62.40 LF OF 24" RCP

43 EW INV. 1793.52

24" S1

44 EW INV. 1792.63

FUTURE BY OTHERS

STR-2 (.05) WWC-1A (.05)

INV. 1756.33 "U" EW

A1.2 EW

PIN NO. 100260.05
TIE TO ADJACENT PROJECT
STA. 606+60.00

N 16° 13' 50" E

36"

END GUARDRAIL
STA. 600+00
TYPE 38

12' SHOULDER (TYP.)

TIE-IN TO EXISTING DRIVEWAY

PROPOSED CROSS-DRAIN BY OTHERS

18" SD

STA. 602+00.00
12' PVT. DR.
NO S.D. REQD.

DRIVEWAY BY OTHERS

LIMIT OF CONST.
0+90.00

IN.EL. 1751.09
OUT.EL. 1745.06

A1.3 MH

A1.1 EW INV. 1744.94 "U" EW

WTL-5 (.05)

STA. 596+30.00 SR-28 (US 127) =
STA. 154+87.96 DIDEN LOOP
N 663722.3886
E 2254798.2792

WWC-1 (.05)

WTL-2 (.05)

POND-1 (.05)

STR-1 (.05)

STR-2 (.05)

NOTES;

1. THE CONTRACTOR SHALL USE ANY MEASURE NECCESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY PORTION OF WTL-12, WTL-5 (.05), WWC-1 (.05), WWC-1A (.05, STR-1 (.05), STR-2 (.05) AND SURROUNDING VEGETATION. WTL-10 AND SURROUNDING VEGETATION MUST REMAIN UNDISTURBED AND PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT PERMITTED LOCATIONS.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

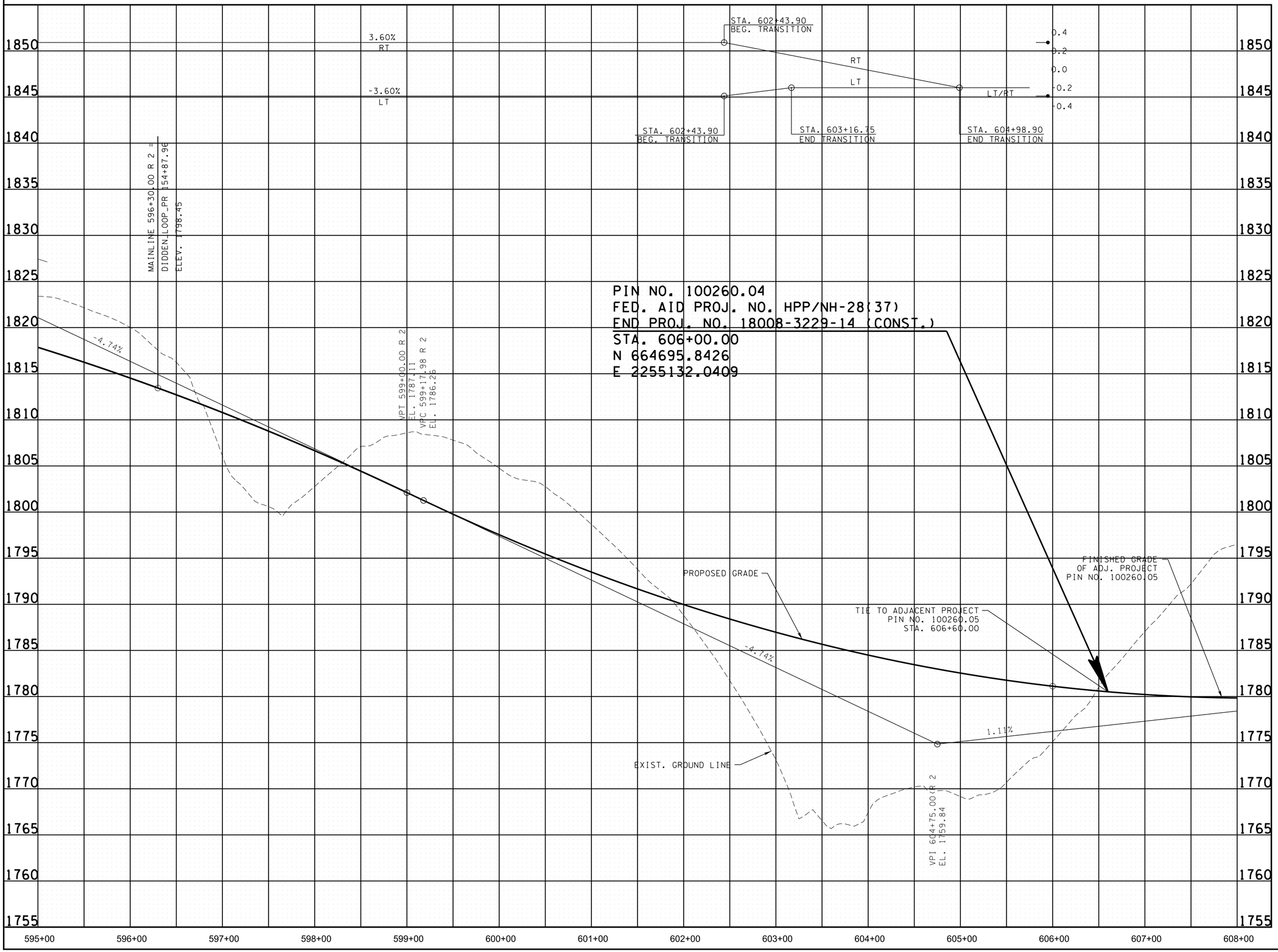
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 595+00 TO END PROJ.
SCALE: 1"= 50'

1/30/2026 2:21:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\017B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	17C
PIH	2025	HPP/NH-28 (37)	17C



PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+00.00
N 664695.8426
E 2255132.0409

1/30/2026 2:21:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\017C.sht

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

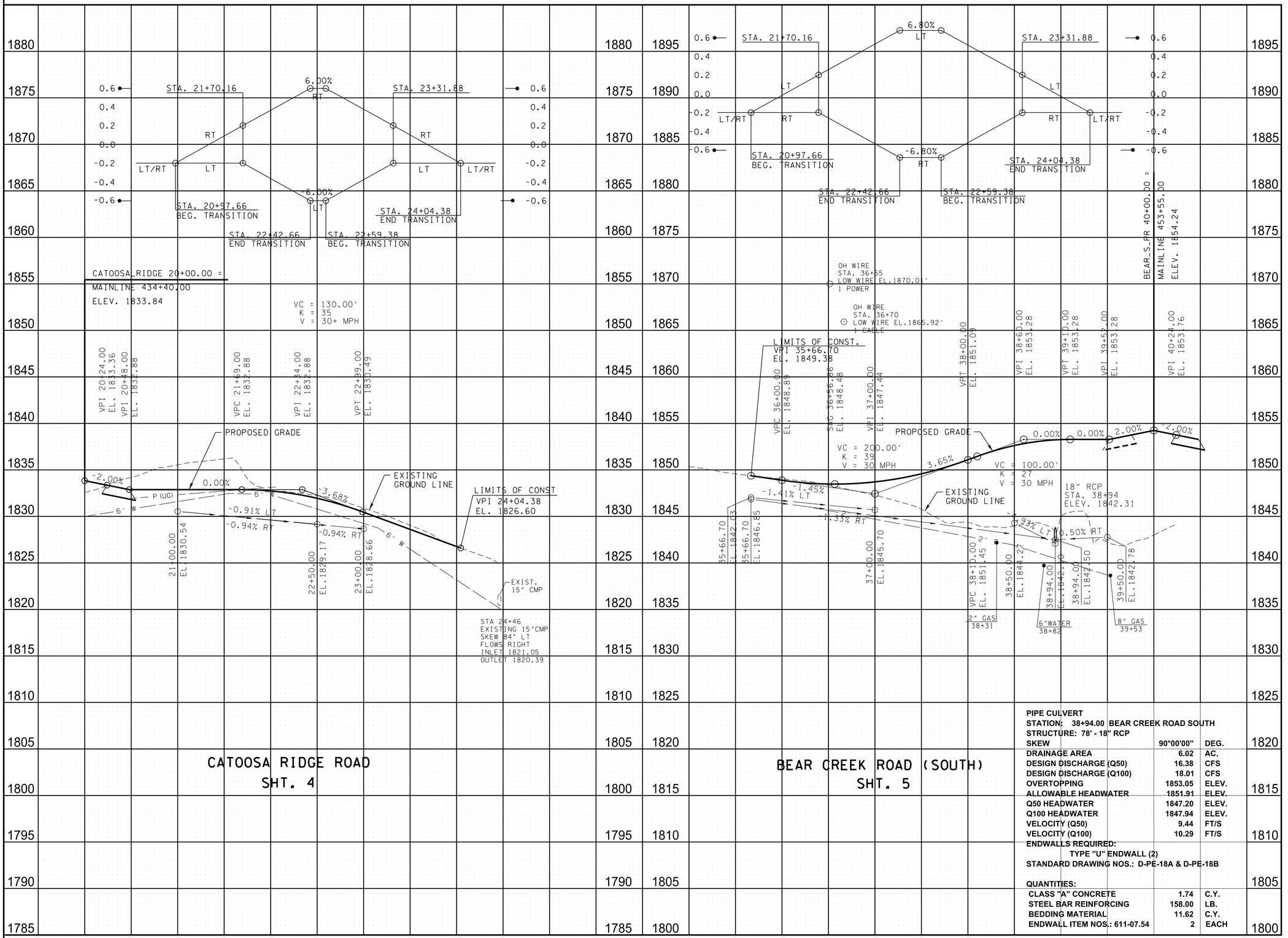
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 595+00 TO END PROJ.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	17
ROW	2020	HPP/NH-28 (37)	18
PIH	2025	HPP/NH-28 (37)	18



PIPE CULVERT		
STATION: 38+94.00 BEAR CREEK ROAD SOUTH		
STRUCTURE: 78' - 18" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	6.02	AC.
DESIGN DISCHARGE (Q50)	16.38	CFS
DESIGN DISCHARGE (Q100)	18.01	CFS
OVERTOPPING	1853.05	ELEV.
ALLOWABLE HEADWATER	1851.91	ELEV.
Q50 HEADWATER	1847.20	ELEV.
Q100 HEADWATER	1847.94	ELEV.
VELOCITY (Q50)	9.44	FT/S
VELOCITY (Q100)	10.29	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	11.62	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2	EACH

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

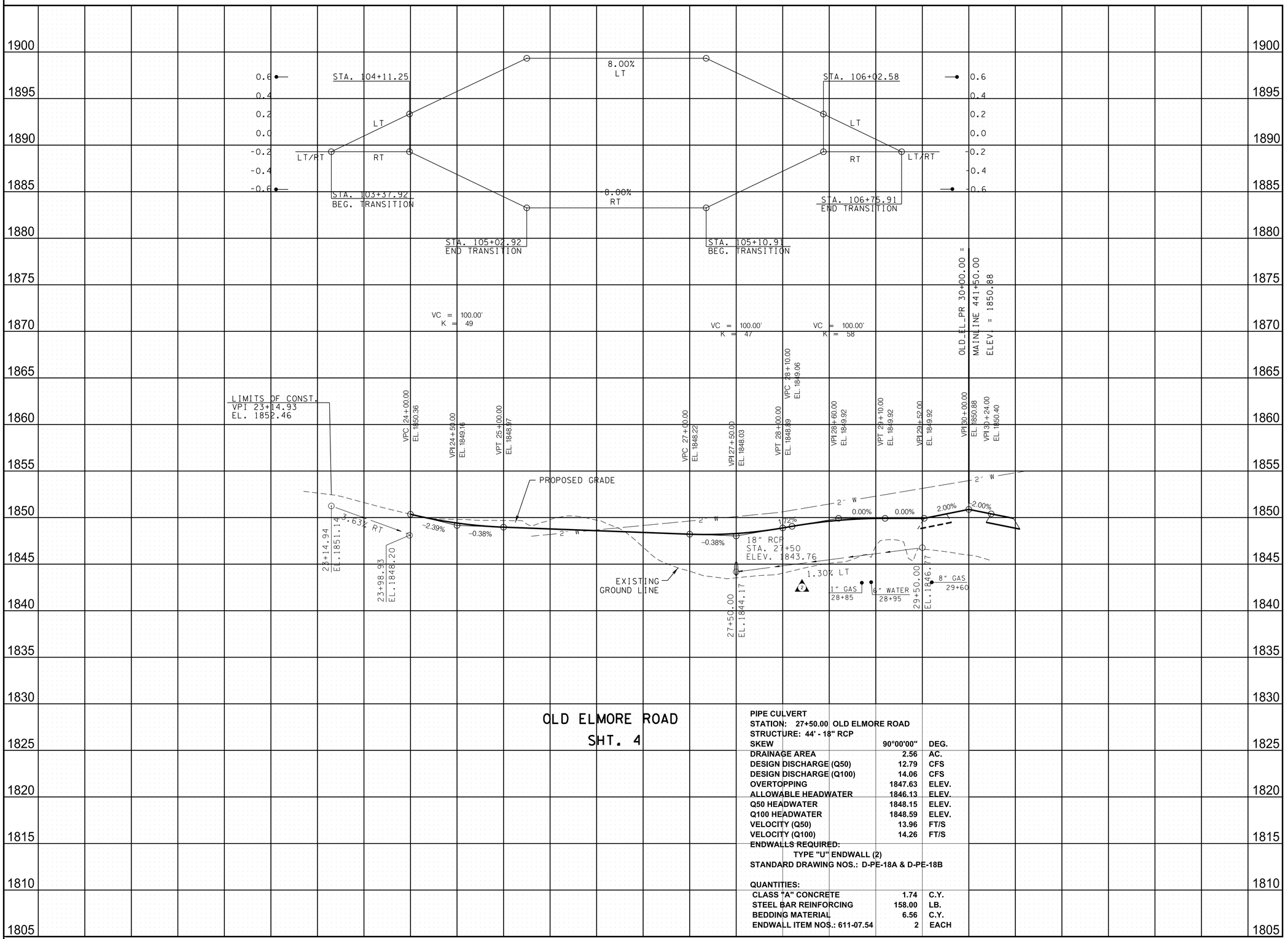
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

1/30/2026 2:21:59 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\018.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	18
ROW	2020	HPP/NH-28 (37)	19
PIH	2025	HPP/NH-28 (37)	19

1 REVISED 03-03-2022: REVISED PROFILE.

2 REVISED 03-16-2022: UPDATED PROPOSED SPECIAL DITCH.



OLD ELMORE ROAD
SHT. 4

PIPE CULVERT		
STATION: 27+50.00 OLD ELMORE ROAD		
STRUCTURE: 44' - 18" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	2.56	AC.
DESIGN DISCHARGE (Q50)	12.79	CFS
DESIGN DISCHARGE (Q100)	14.06	CFS
OVERTOPPING	1847.63	ELEV.
ALLOWABLE HEADWATER	1846.13	ELEV.
Q50 HEADWATER	1848.15	ELEV.
Q100 HEADWATER	1848.59	ELEV.
VELOCITY (Q50)	13.96	FT/S
VELOCITY (Q100)	14.26	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	6.56	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2	EACH

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

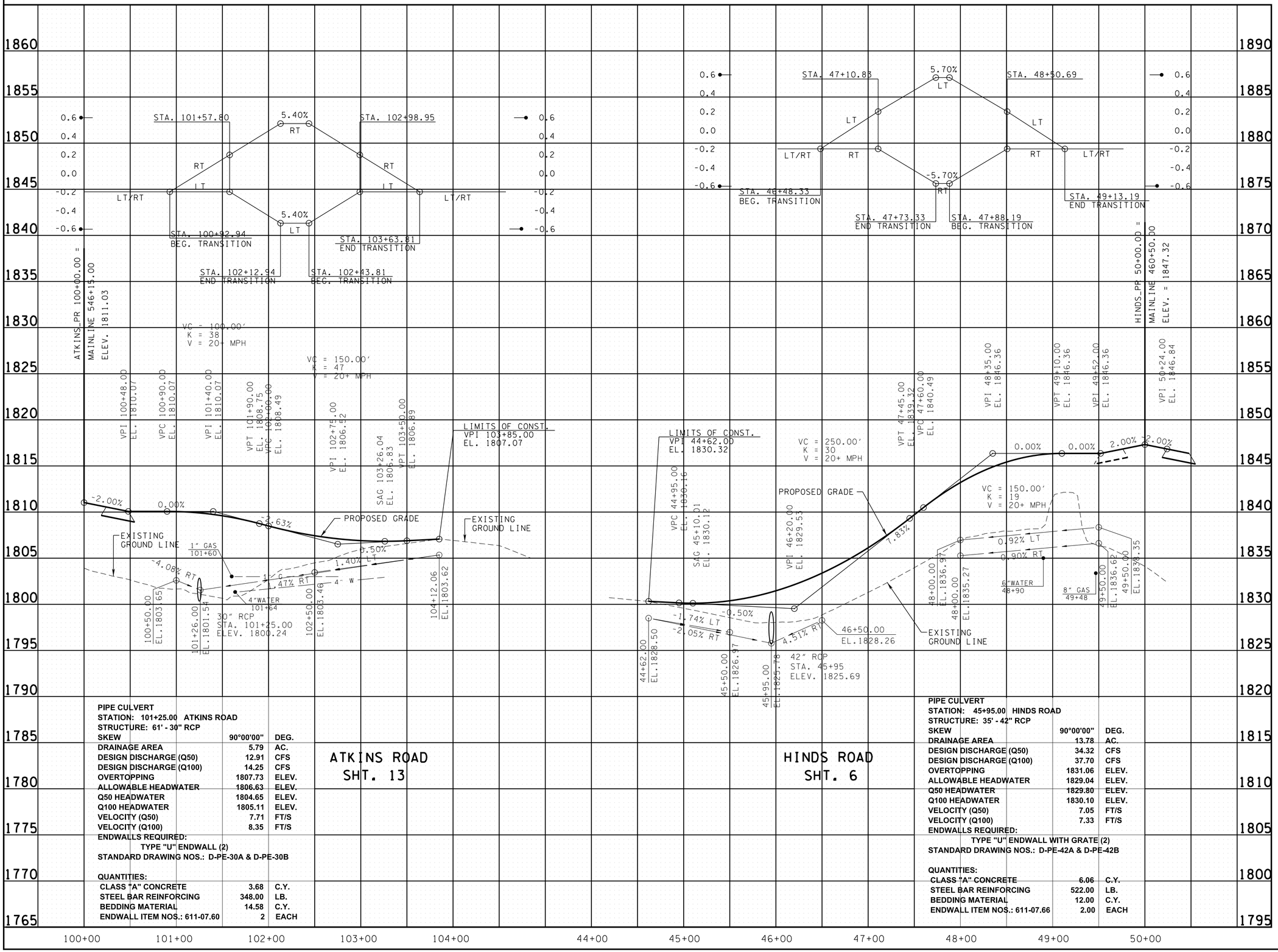
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

1/30/2026 2:22:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\019.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	19
ROW	2020	HPP/NH-28 (37)	20
PIH	2025	HPP/NH-28 (37)	20



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

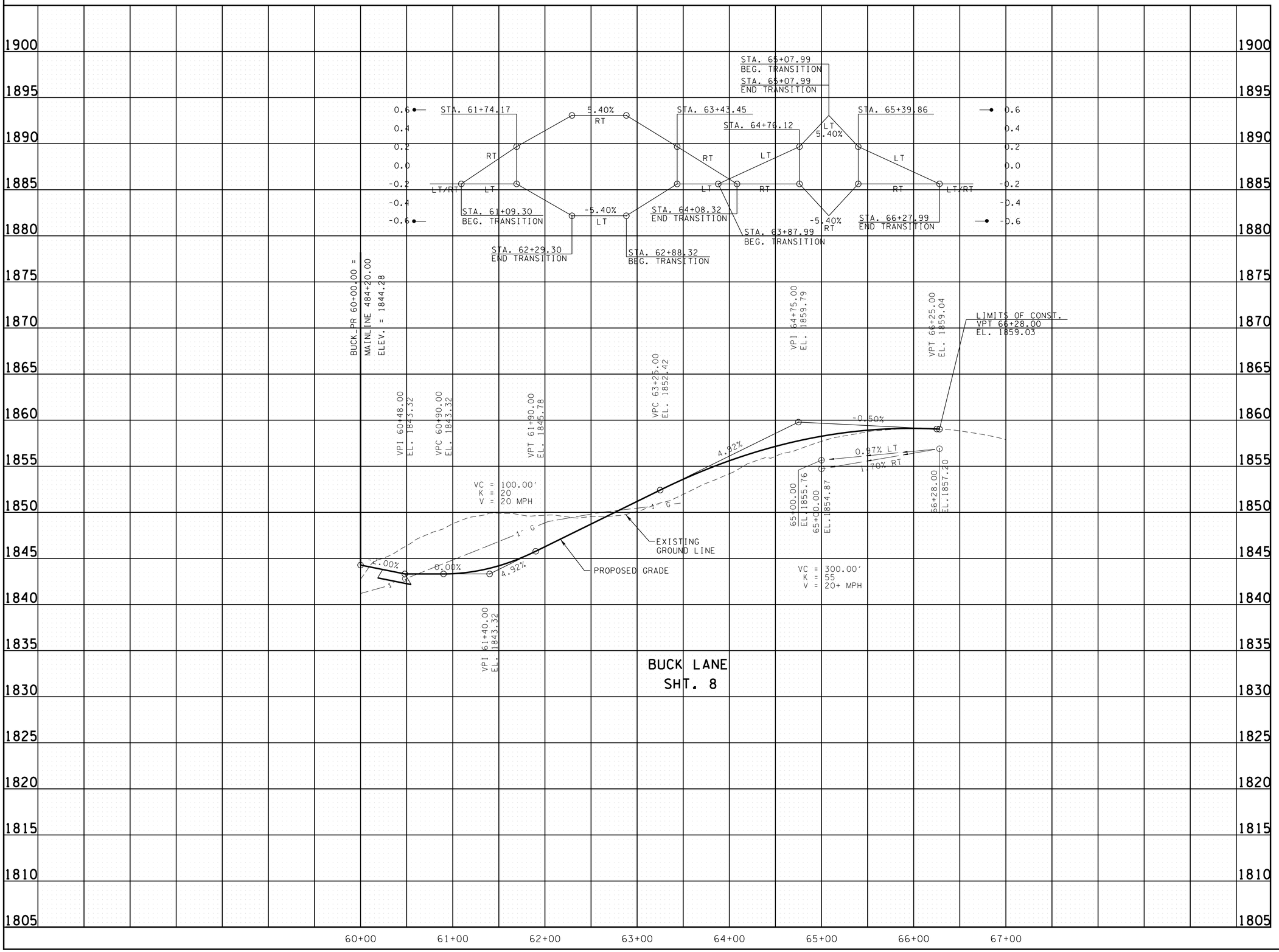
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

1/30/2026 2:22:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\020.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	20
ROW	2020	HPP/NH-28 (37)	21
PIH	2025	HPP/NH-28 (37)	21



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

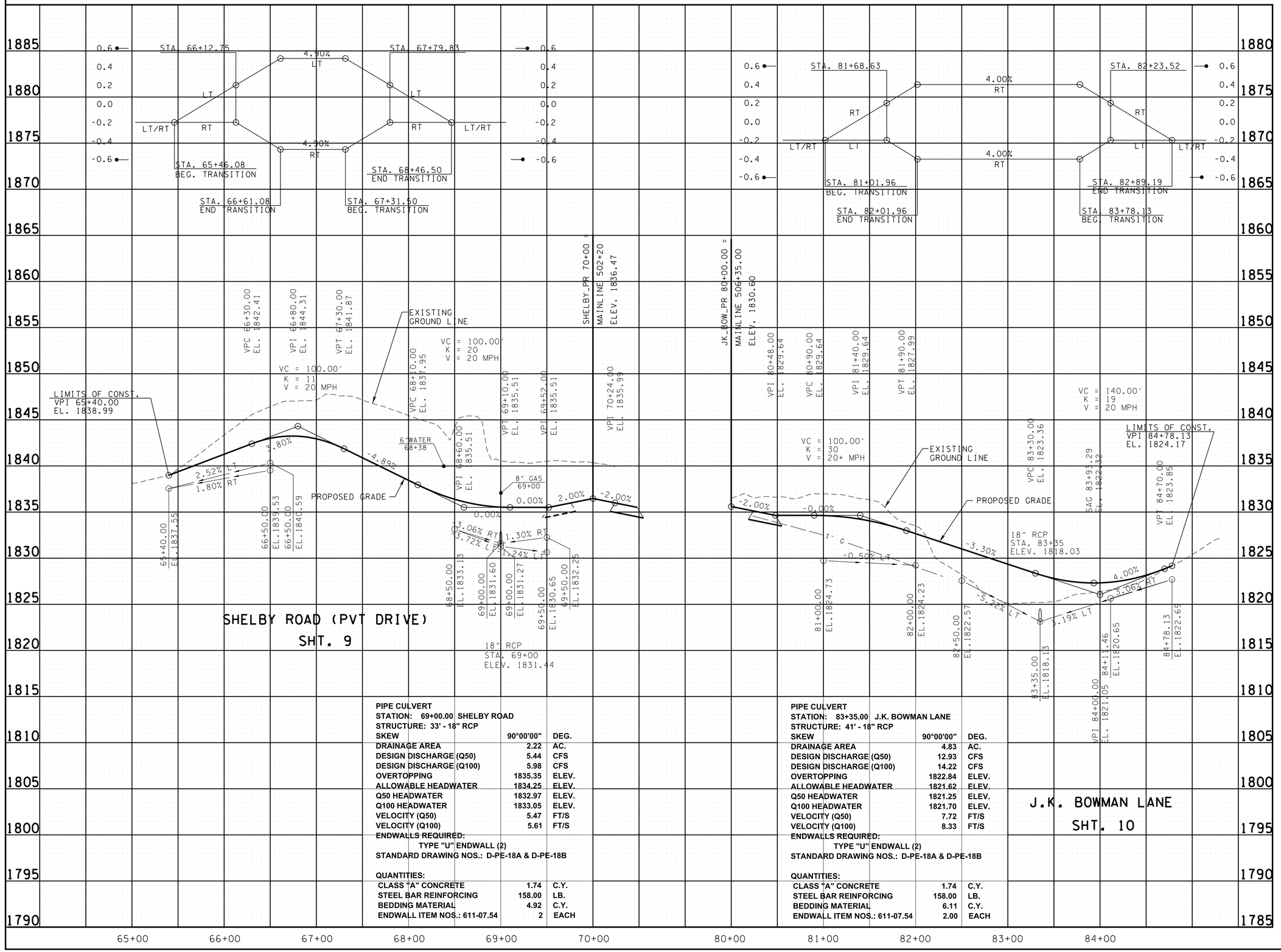
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

1/30/2026 2:22:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\021.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	21
ROW	2020	HPP/NH-28 (37)	22
PIH	2025	HPP/NH-28 (37)	22



PIPE CULVERT		
STATION: 69+00.00 SHELBY ROAD		
STRUCTURE: 33' - 18" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	2.22	AC.
DESIGN DISCHARGE (Q50)	5.44	CFS
DESIGN DISCHARGE (Q100)	5.98	CFS
OVERTOPPING	1835.35	ELEV.
ALLOWABLE HEADWATER	1834.25	ELEV.
Q50 HEADWATER	1832.97	ELEV.
Q100 HEADWATER	1833.05	ELEV.
VELOCITY (Q50)	5.47	FT/S
VELOCITY (Q100)	5.61	FT/S
ENDWALLS REQUIRED: TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	4.92	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2	EACH

PIPE CULVERT		
STATION: 83+35.00 J.K. BOWMAN LANE		
STRUCTURE: 41' - 18" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	4.83	AC.
DESIGN DISCHARGE (Q50)	12.93	CFS
DESIGN DISCHARGE (Q100)	14.22	CFS
OVERTOPPING	1822.84	ELEV.
ALLOWABLE HEADWATER	1821.62	ELEV.
Q50 HEADWATER	1821.25	ELEV.
Q100 HEADWATER	1821.70	ELEV.
VELOCITY (Q50)	7.72	FT/S
VELOCITY (Q100)	8.33	FT/S
ENDWALLS REQUIRED: TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	6.11	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2.00	EACH

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

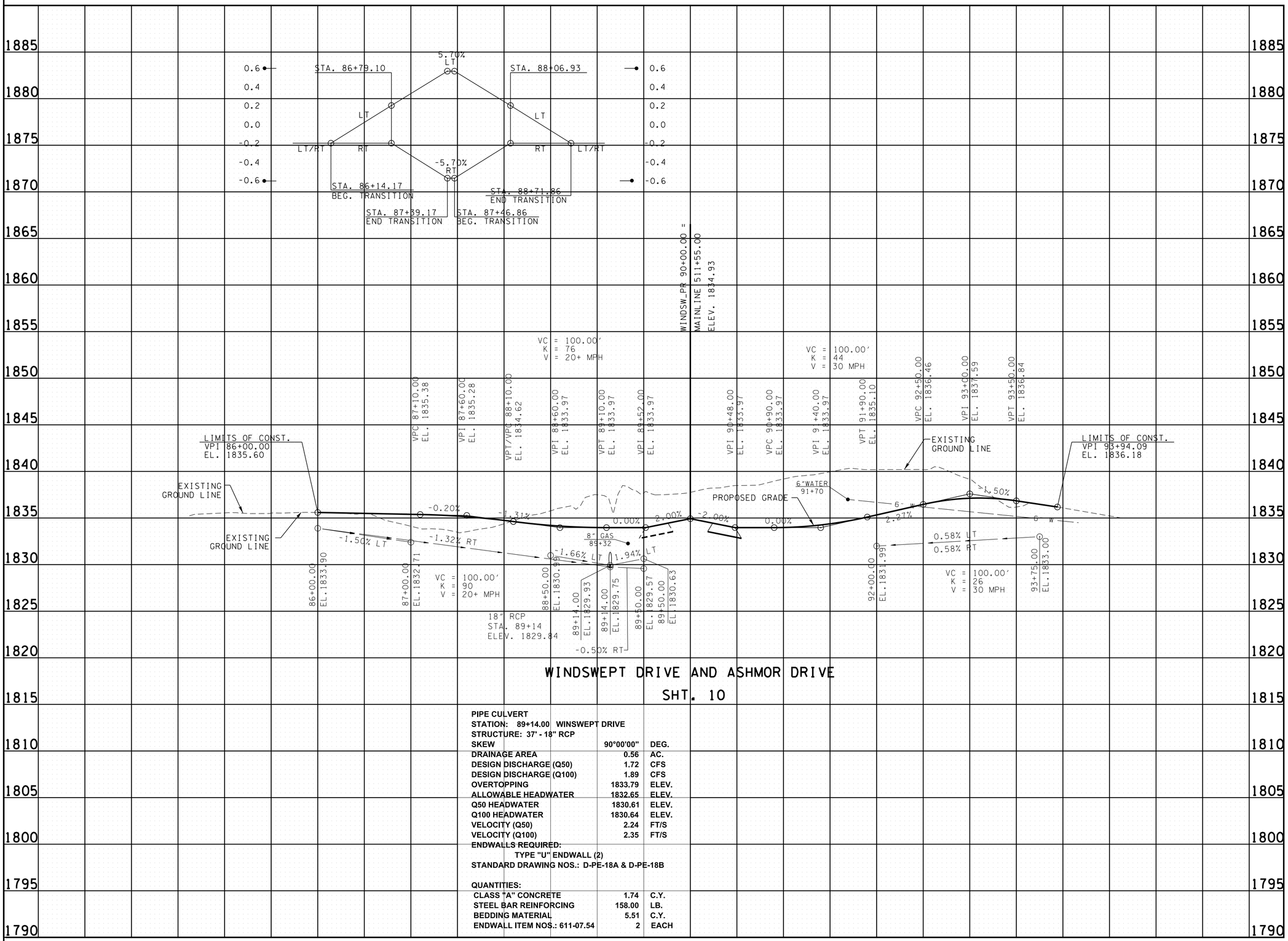
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

1/30/2026 2:22:02 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\022.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	22
ROW	2020	HPP/NH-28 (37)	23
PIH	2025	HPP/NH-28 (37)	23



WINDSWEPT DRIVE AND ASHMOR DRIVE
SHT. 10

PIPE CULVERT		
STATION: 89+14.00 WINSWEPT DRIVE		
STRUCTURE: 37' - 18" RCP		
SKEW	**90°00'00"**	**DEG.**
DRAINAGE AREA	**0.56**	**AC.**
DESIGN DISCHARGE (Q50)	**1.72**	**CFS**
DESIGN DISCHARGE (Q100)	**1.89**	**CFS**
OVERTOPPING	**1833.79**	**ELEV.**
ALLOWABLE HEADWATER	**1832.65**	**ELEV.**
Q50 HEADWATER	**1830.61**	**ELEV.**
Q100 HEADWATER	**1830.64**	**ELEV.**
VELOCITY (Q50)	**2.24**	**FT/S**
VELOCITY (Q100)	**2.35**	**FT/S**
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	**1.74**	**C.Y.**
STEEL BAR REINFORCING	**158.00**	**LB.**
BEDDING MATERIAL	**5.51**	**C.Y.**
ENDWALL ITEM NOS.: 611-07.54	**2**	**EACH**

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

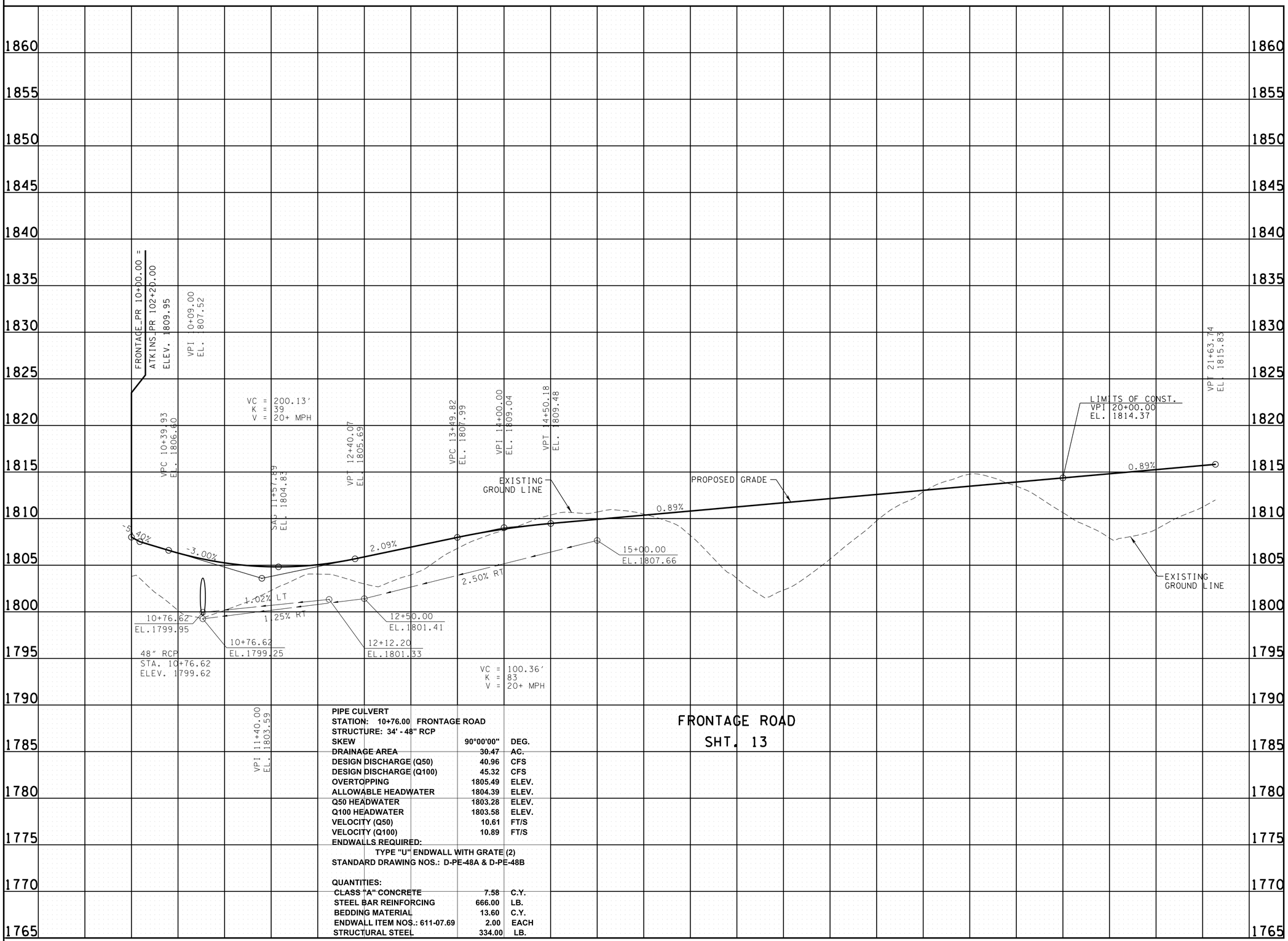
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

1/30/2026 2:22:03 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\023.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	23
ROW	2020	HPP/NH-28 (37)	24
PIH	2025	HPP/NH-28 (37)	24



PIPE CULVERT
STATION: 10+76.00 FRONTAGE ROAD
STRUCTURE: 34' - 48" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	30.47	AC.
DESIGN DISCHARGE (Q50)	40.96	CFS
DESIGN DISCHARGE (Q100)	45.32	CFS
OVERTOPPING	1805.49	ELEV.
ALLOWABLE HEADWATER	1804.39	ELEV.
Q50 HEADWATER	1803.28	ELEV.
Q100 HEADWATER	1803.58	ELEV.
VELOCITY (Q50)	10.61	FT/S
VELOCITY (Q100)	10.89	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL WITH GRATE (2)
STANDARD DRAWING NOS.: D-PE-48A & D-PE-48B

QUANTITIES:

CLASS "A" CONCRETE	7.58	C.Y.
STEEL BAR REINFORCING	666.00	LB.
BEDDING MATERIAL	13.60	C.Y.
ENDWALL ITEM NOS.: 611-07.69	2.00	EACH
STRUCTURAL STEEL	334.00	LB.

FRONTAGE ROAD
SHT. 13

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

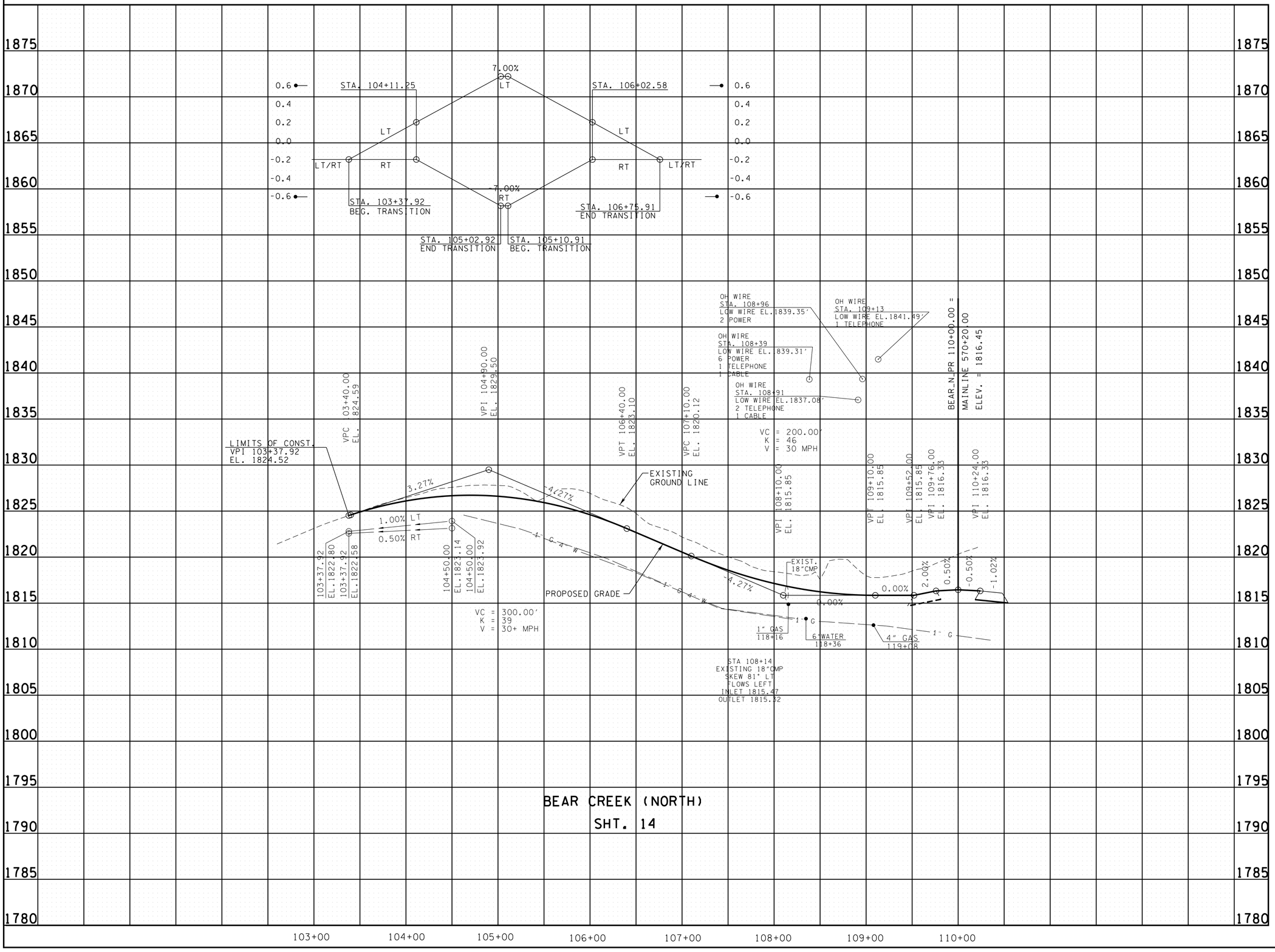
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD
PROFILE

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

1/30/2026 2:22:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\024.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	24
ROW	2020	HPP/NH-28 (37)	25
PIH	2025	HPP/NH-28 (37)	25



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

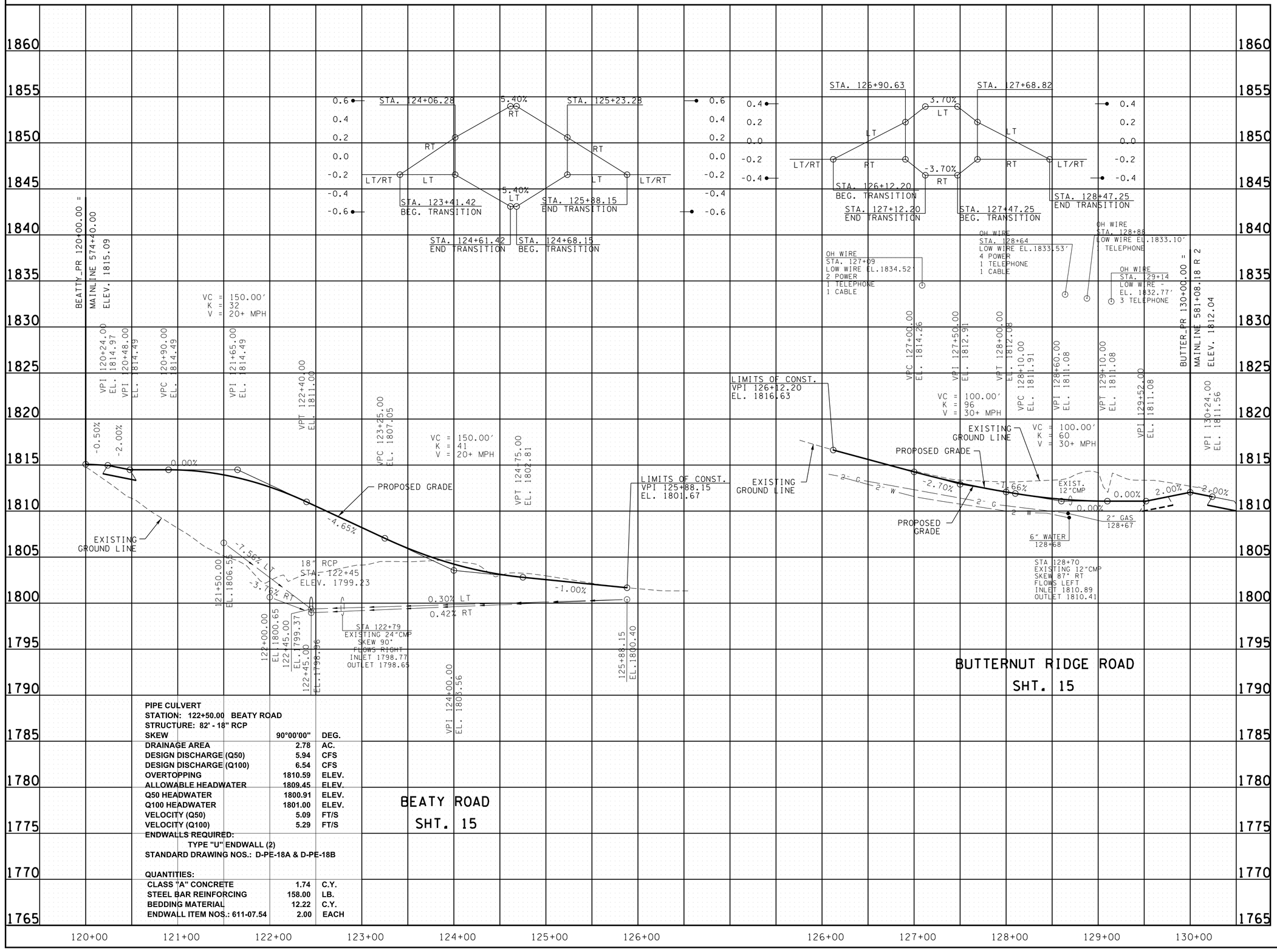
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

1/30/2026 2:22:05 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\025.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	25
ROW	2020	HPP/NH-28 (37)	26
PIH	2025	HPP/NH-28 (37)	26



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

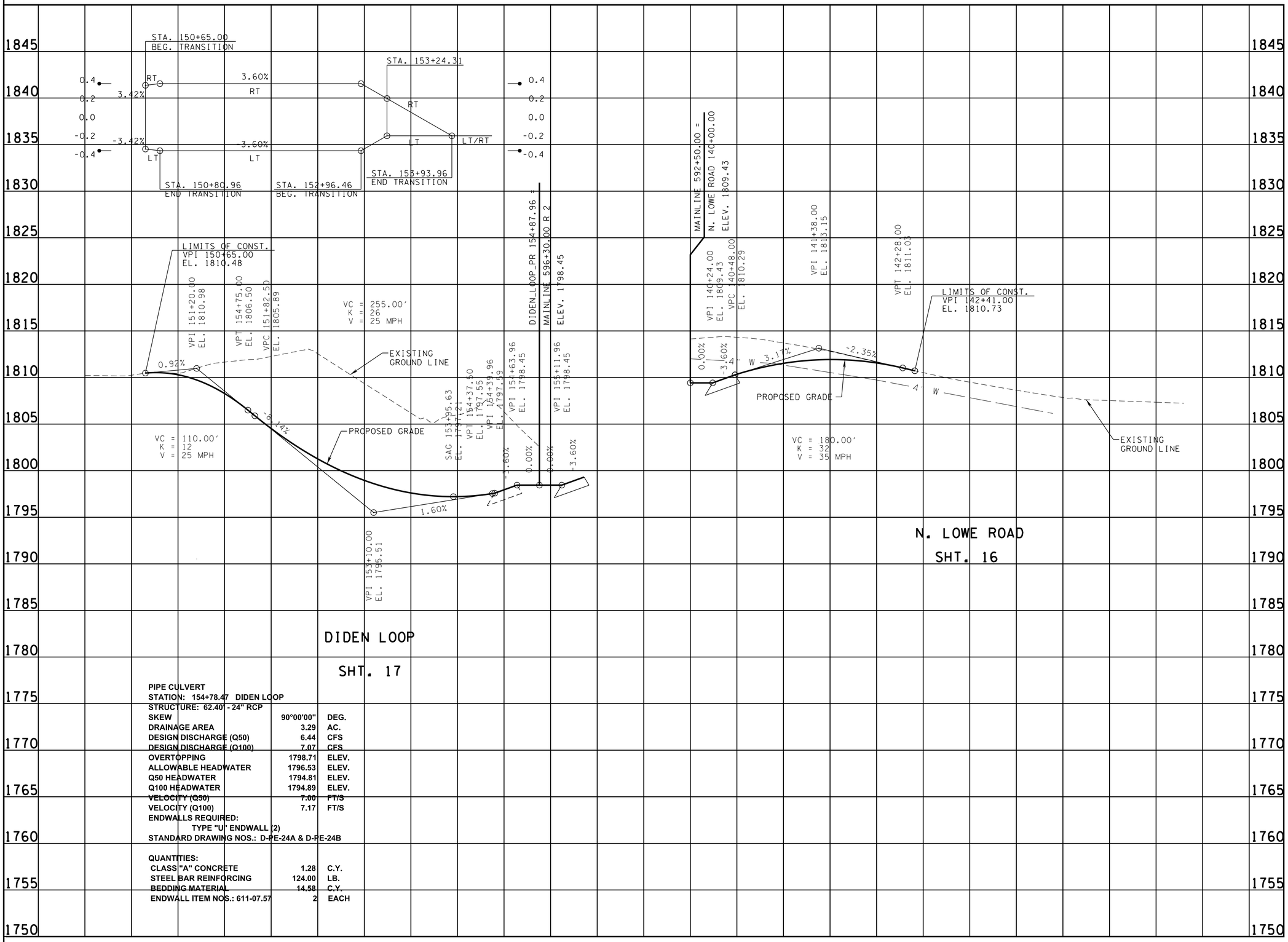
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

1/30/2026 2:22:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\026.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	25
ROW	2020	HPP/NH-28 (37)	27
PIH	2025	HPP/NH-28 (37)	27



PIPE CULVERT
STATION: 154+78.47 DIDEN LOOP
STRUCTURE: 62.40' - 24" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	3.29	AC.
DESIGN DISCHARGE (Q50)	6.44	CFS
DESIGN DISCHARGE (Q100)	7.07	CFS
OVERTOPPING	1798.71	ELEV.
ALLOWABLE HEADWATER	1796.53	ELEV.
Q50 HEADWATER	1794.81	ELEV.
Q100 HEADWATER	1794.89	ELEV.
VELOCITY (Q50)	7.00	FT/S
VELOCITY (Q100)	7.17	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	1.28	C.Y.
STEEL BAR REINFORCING	124.00	LB.
BEDDING MATERIAL	14.58	C.Y.
ENDWALL ITEM NOS.: 611-07.57	2	EACH

PS&E
FIELD
REVIEW

SEALED BY

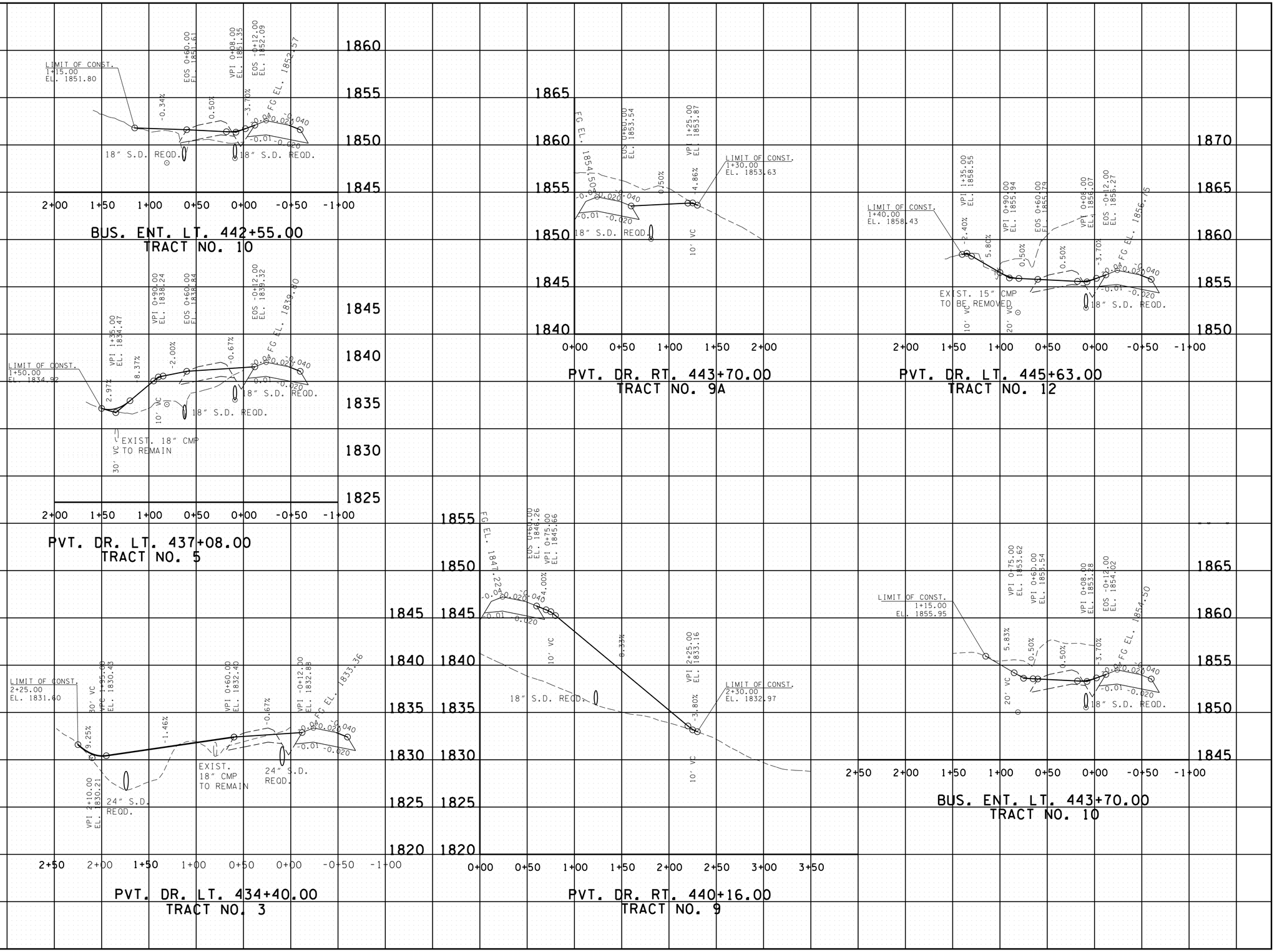
COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

1/30/2026 2:22:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\027.sht



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	26
ROW	2020	HPP/NH-28 (37)	28
PIH	2025	HPP/NH-28 (37)	28

PS&E
FIELD
REVIEW

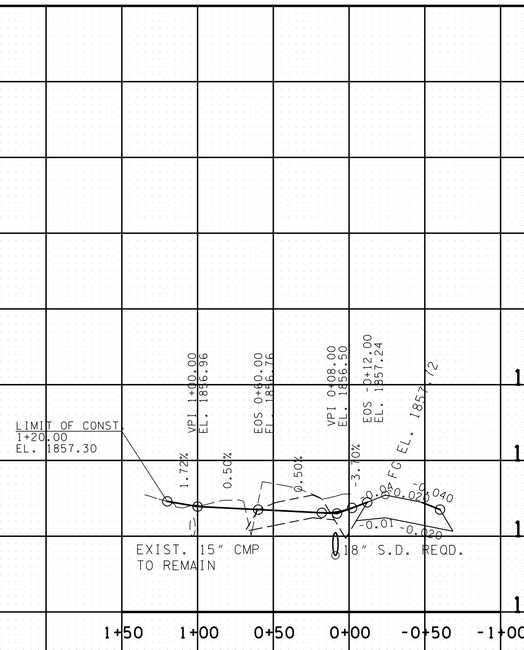
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

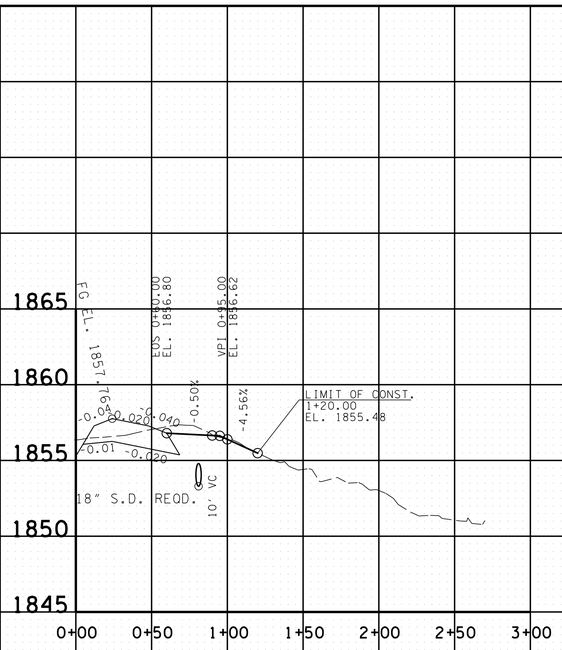
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

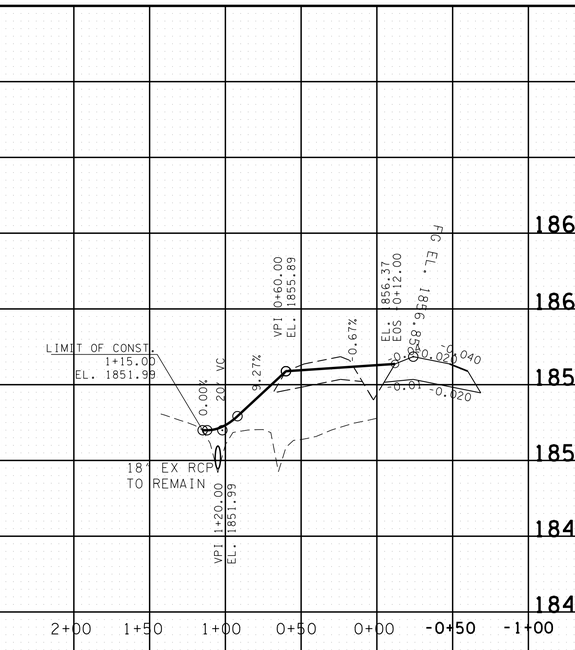
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	27
ROW	2020	HPP/NH-28 (37)	29
PIH	2025	HPP/NH-28 (37)	29



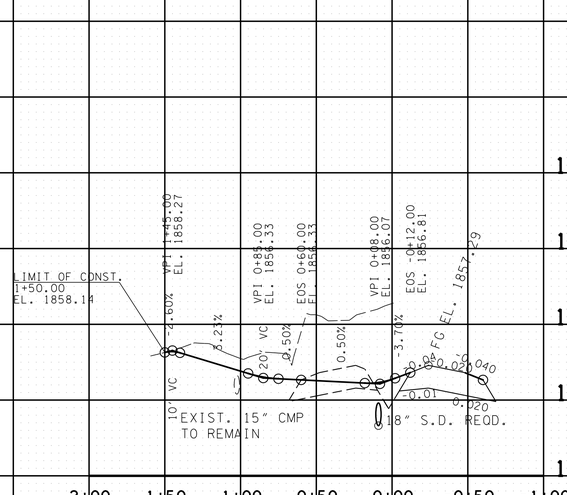
PVT. DR. LT. 447+56.00
TRACT NO. 14



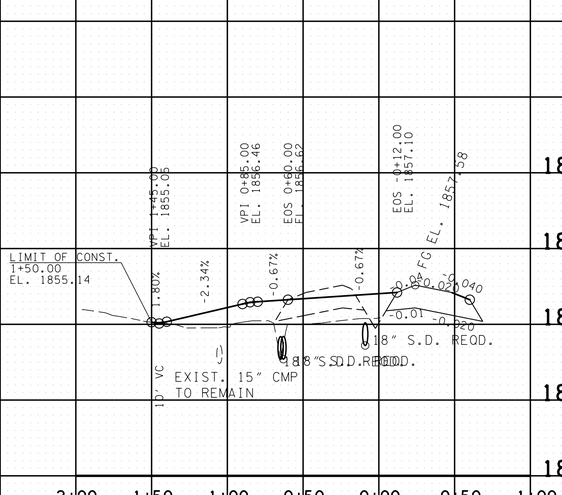
PVT. DR. RT. 448+21.00
TRACT NO. 15



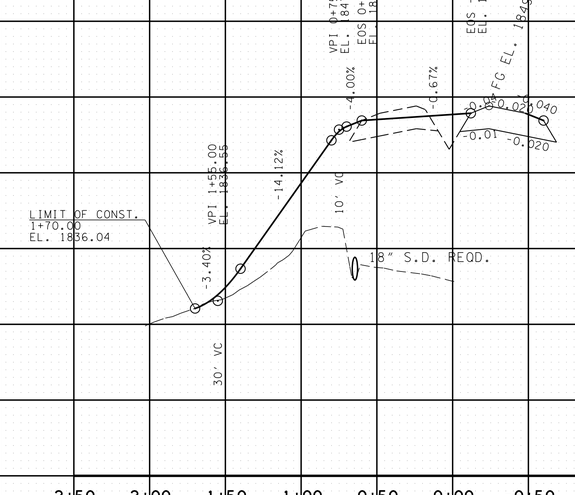
BUS. DR. LT. 450+38.00
TRACT NO. 16



PVT. DR. LT. 446+41.00
TRACT NO. 13



PVT. DR. LT. 449+10.00
TRACT NO. 14



PVT. DR. LT. 457+91.87
TRACT NO. 18

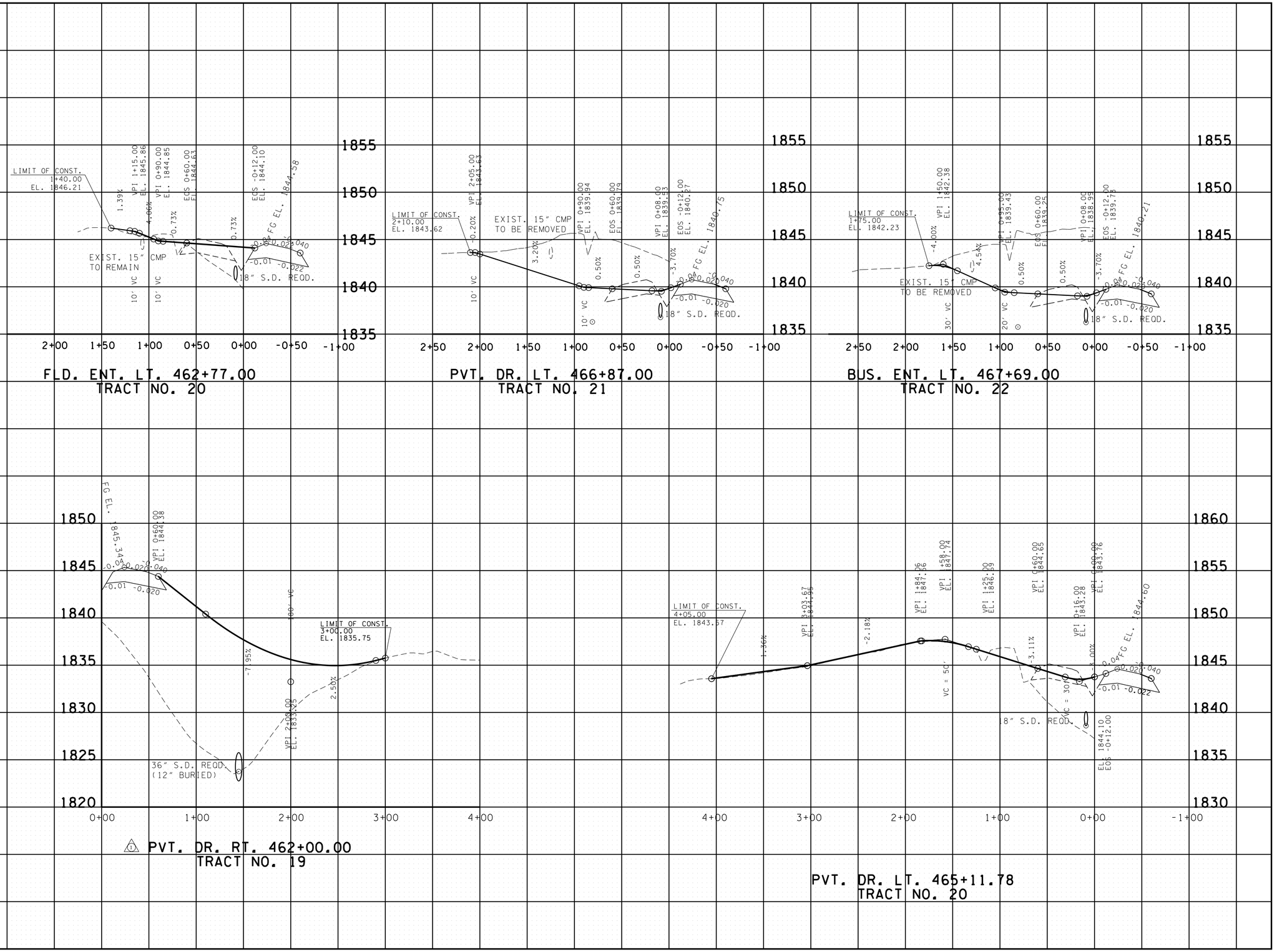
PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE,
BUSINESS, AND
FIELD ENTRANCE
PROFILE

1/30/2026 2:22:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht



FLD. ENT. LT. 462+77.00
TRACT NO. 20

PVT. DR. LT. 466+87.00
TRACT NO. 21

BUS. ENT. LT. 467+69.00
TRACT NO. 22

(1) PVT. DR. RT. 462+00.00
TRACT NO. 19

PVT. DR. LT. 465+11.78
TRACT NO. 20

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	28
ROW	2021	HPP/NH-28 (37)	30
PIH	2025	HPP/NH-28 (37)	30

(1) REVISED 06-02-2021: ADDED PRIVATE DRIVE AT STA. 462+00.00.

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

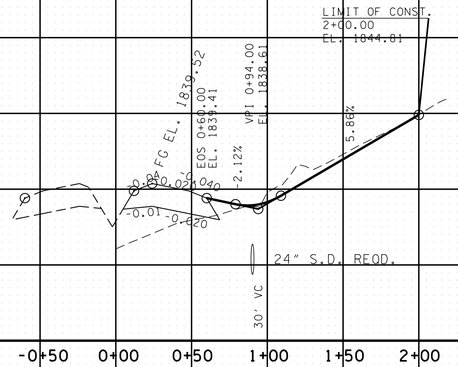
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

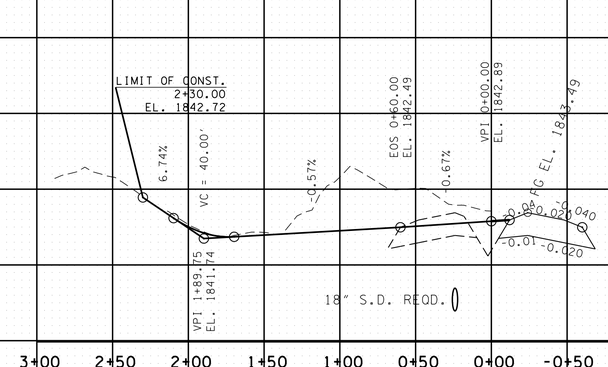
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	29
ROW	2021	HPP/NH-28 (37)	31
PIH	2025	HPP/NH-28 (37)	31

(1) REVISED 06-02-2021: CHANGED TRACT NO. ON PVT. DR. RT. 467+89.00.

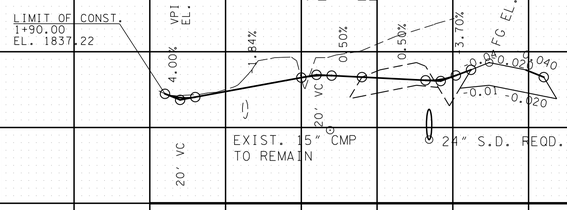
(2) REVISED 06-06-2023: ADDED PRIVATE DRIVE PROFILES AND SIDE DRAINS ON TRACT 26 AND 33. REMOVED PRIVATE DRIVE PROFILE AT STATION 473+49.00.



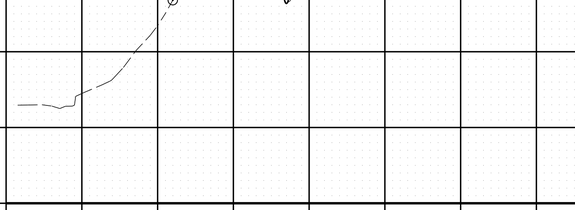
PVT. DR. RT. 476+00.00
TRACT NO. 26



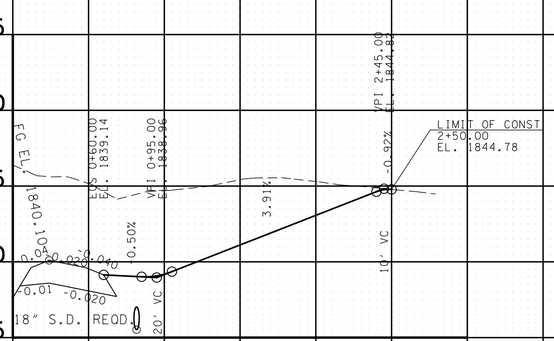
PVT. DR. LT. 482+25.00
TRACT NO. 33



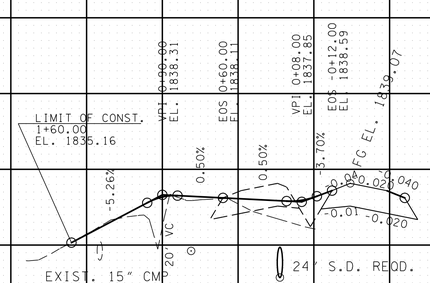
PVT. DR. RT. 469+83.00
TRACT NO. 23



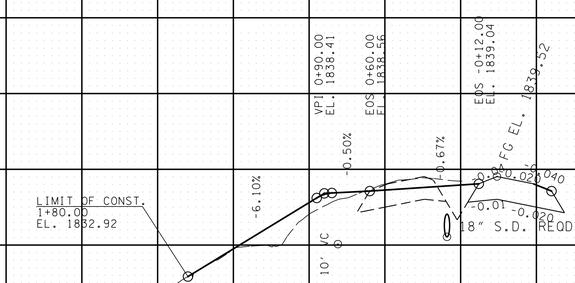
PVT. DR. LT. 474+21.00
TRACT NO. 25



PVT. DR. RT. 467+89.00
TRACT NO. 19A



PVT. DR. LT. 470+95.00
TRACT NO. 24



PVT. DR. LT. 474+10.00
TRACT NO. 27

PS&E
FIELD
REVIEW

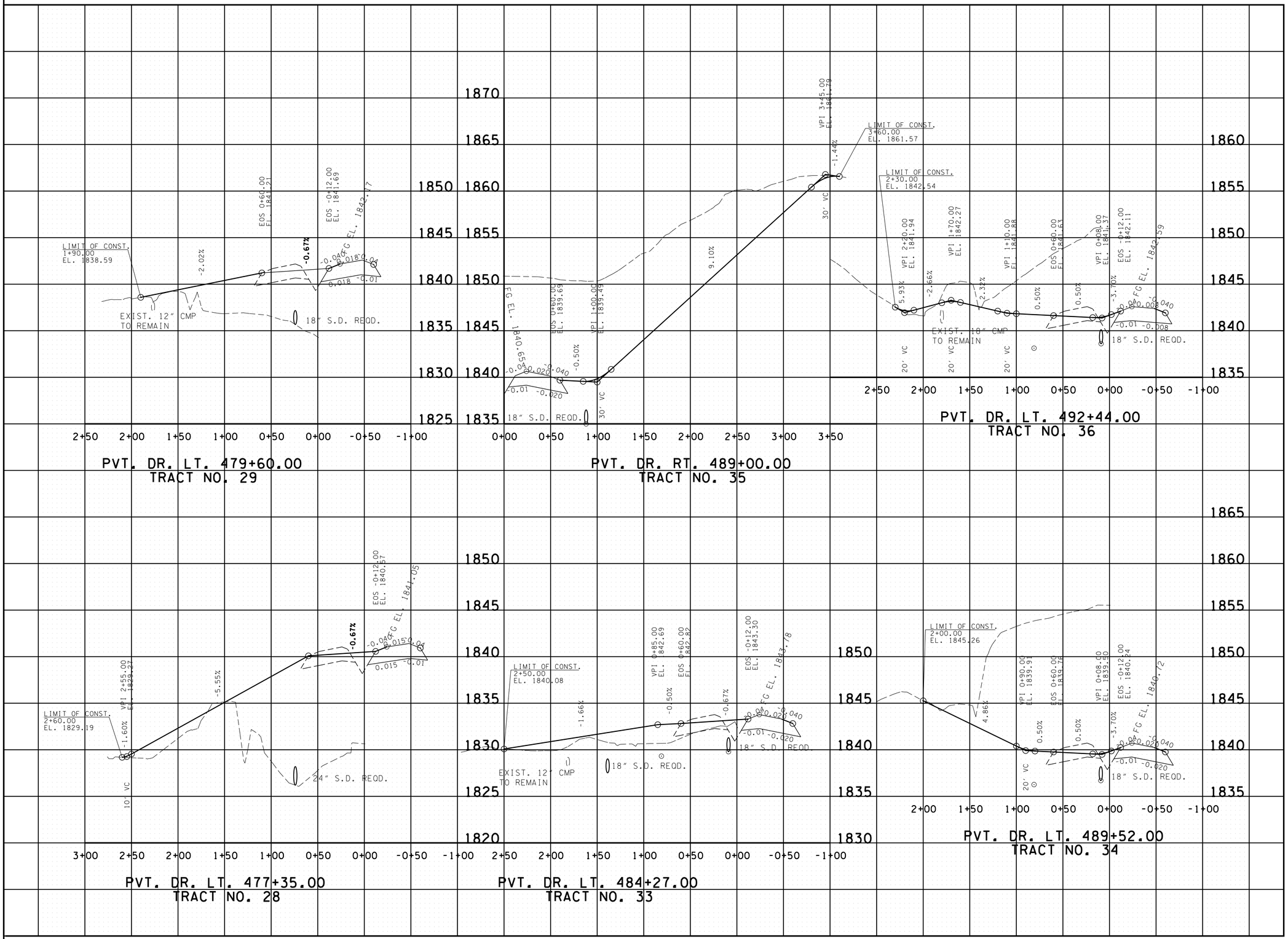
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE,
BUSINESS, AND
FIELD ENTRANCE
PROFILE

1/30/2026 2:22:14 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	30
ROW	2020	HPP/NH-28 (37)	32
PIH	2025	HPP/NH-28 (37)	32



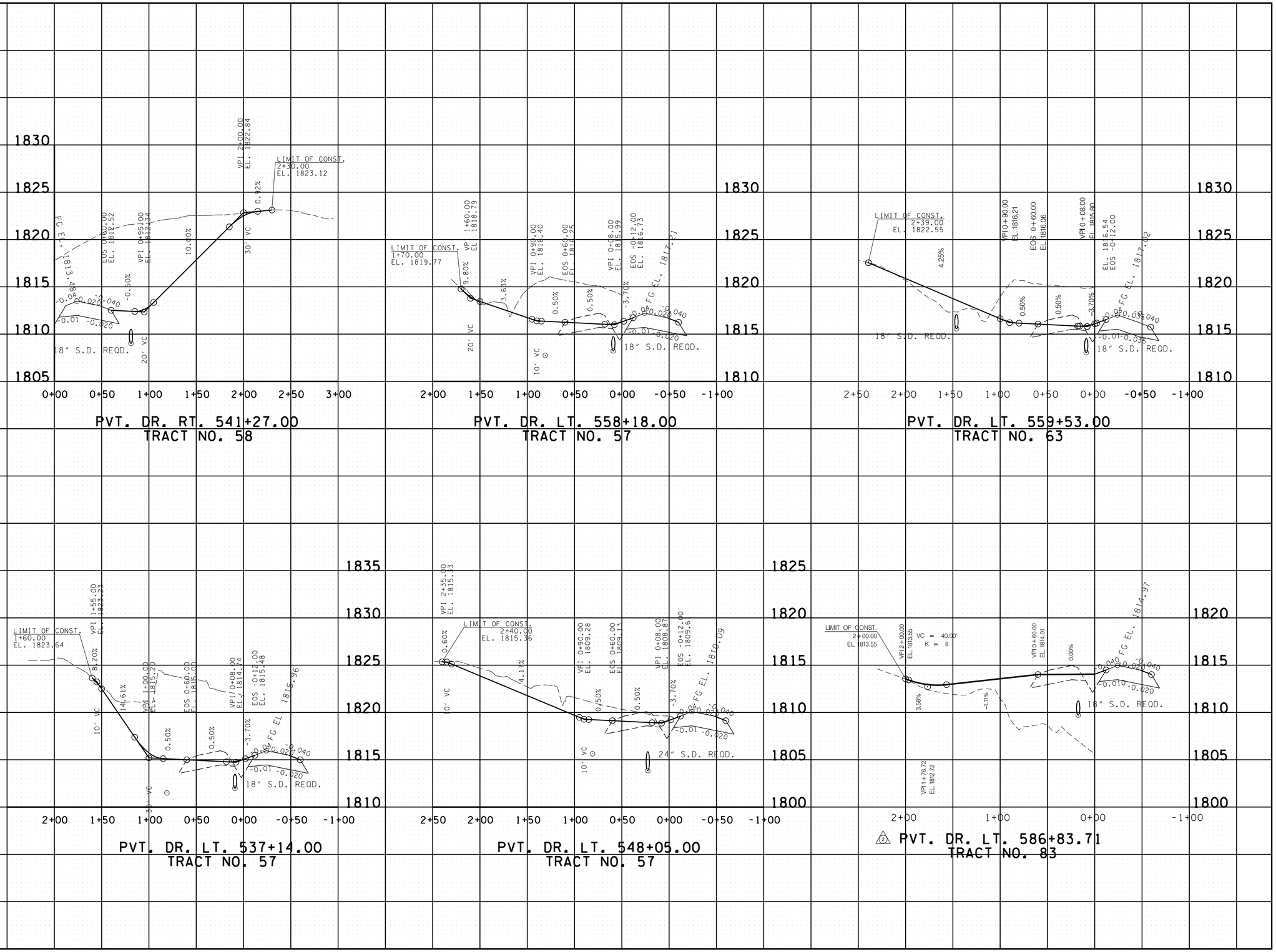
PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	35
ROW	2020	HPP/NH-28 (37)	37
PIH	2025	HPP/NH-28 (37)	37

1 REVISED 07-05-2021: ADDED PRIVATE DRIVE AT STA. 559+53.00.

2 REVISED 07-22-2021: ADDED PRIVATE DRIVE AT STA. 586+83.71.

PS&E
FIELD
REVIEW

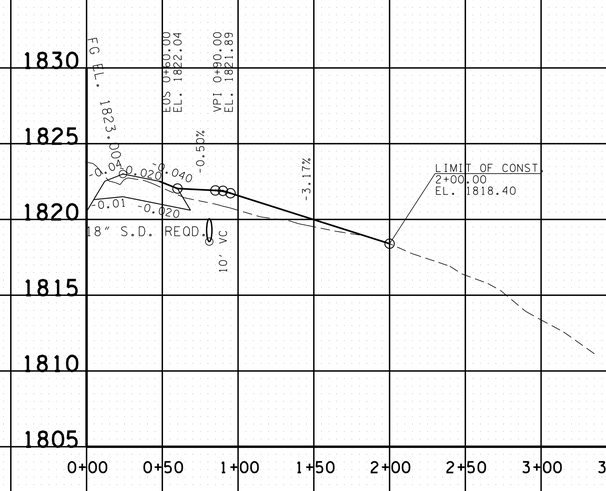
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

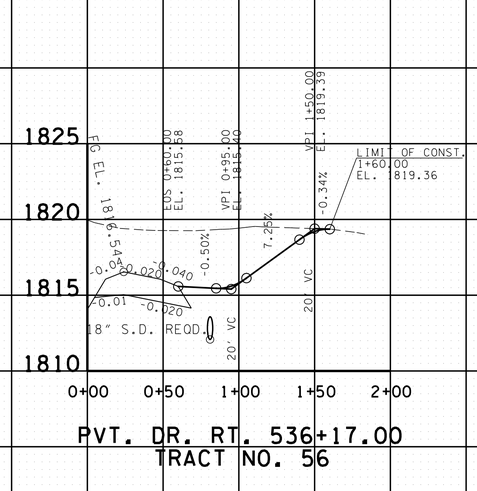
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:16 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

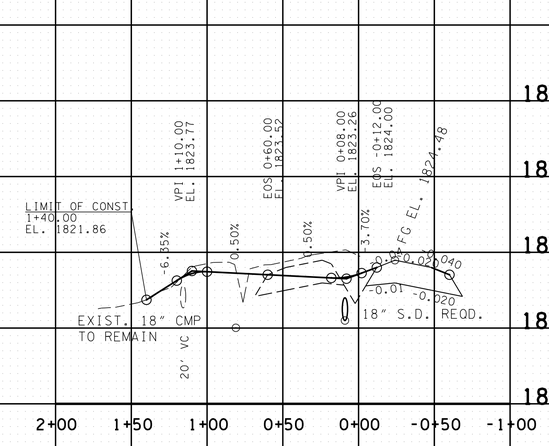
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	34
ROW	2020	HPP/NH-28 (37)	36
PIH	2025	HPP/NH-28 (37)	36



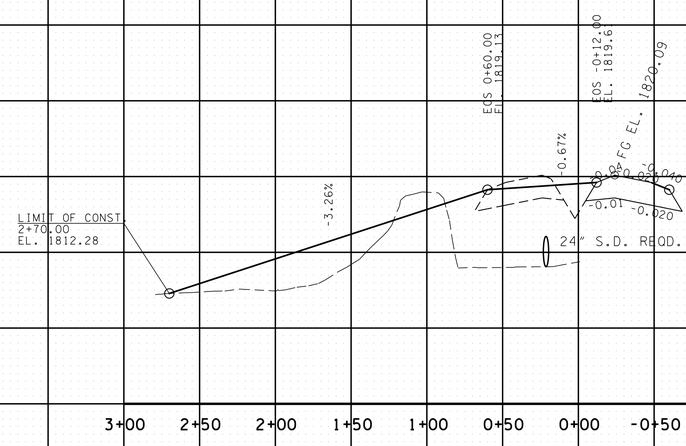
PVT. DR. RT. 527+25.00
TRACT NO. 54



PVT. DR. RT. 536+17.00
TRACT NO. 56



PVT. DR. LT. 526+15.15
TRACT NO. 55A



PVT. DR. LT. 530+28.00
TRACT NO. 55

PS&E
FIELD
REVIEW

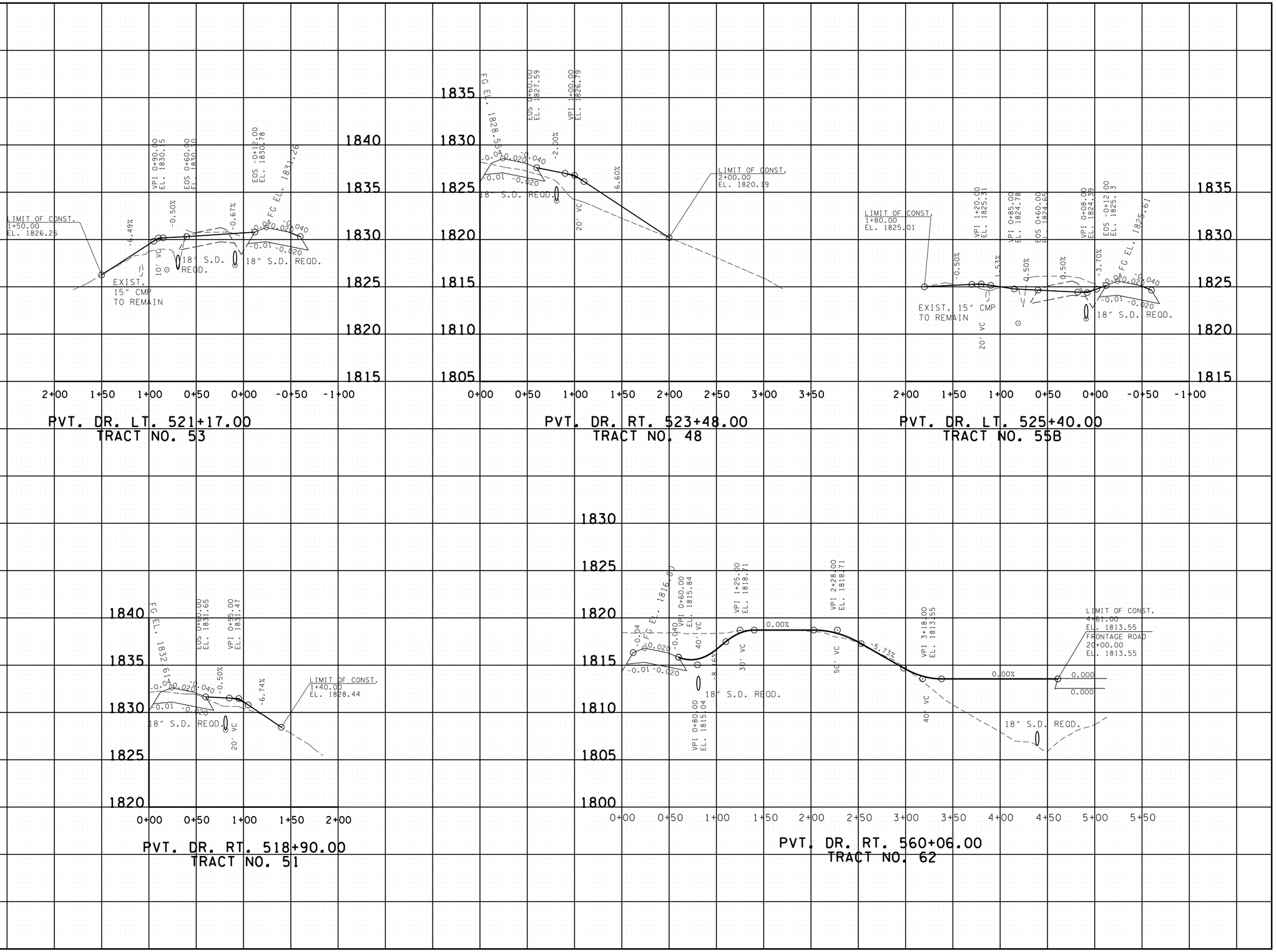
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	33
ROW	2020	HPP/NH-28 (37)	35
PIH	2025	HPP/NH-28 (37)	35



PS&E
FIELD
REVIEW

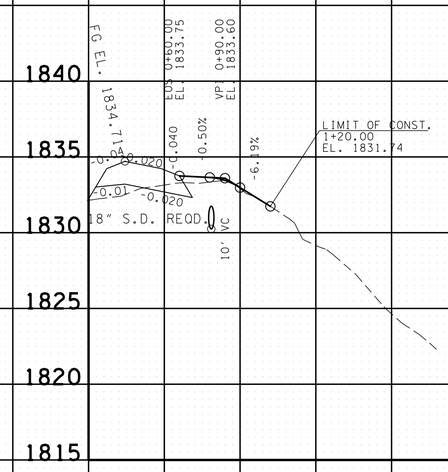
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

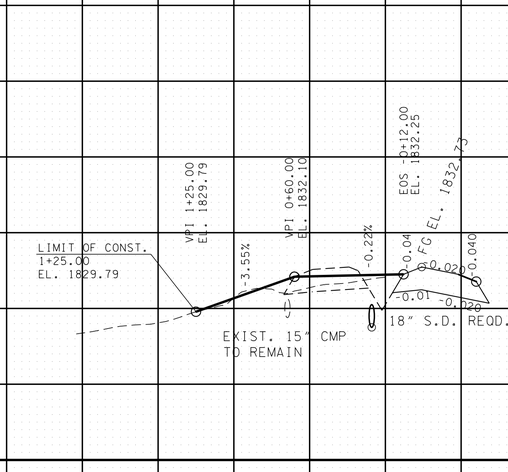
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:18 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

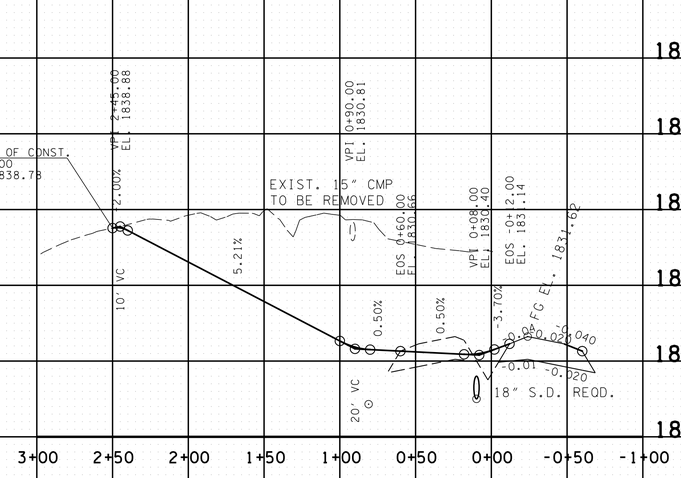
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	32
ROW	2020	HPP/NH-28 (37)	34
PIH	2025	HPP/NH-28 (37)	34



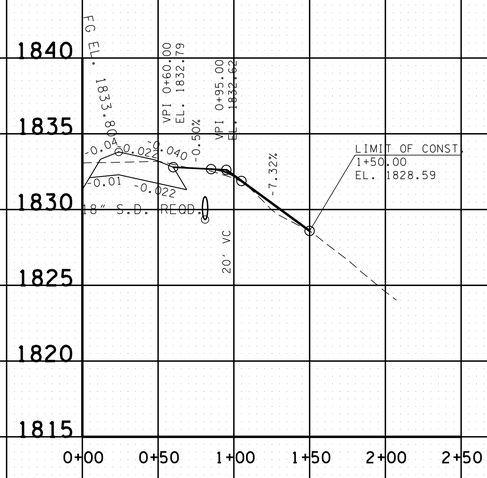
PVT. DR. RT. 515+26.00
TRACT NO. 48



PVT. DR. LT. 518+68.00
TRACT NO. 50



PVT. DR. LT. 509+25.00
TRACT NO. 45



PVT. DR. RT. 516+83.00
TRACT NO. 49

PS&E
FIELD
REVIEW

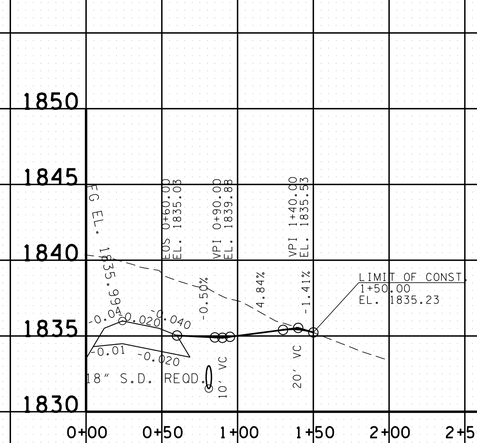
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

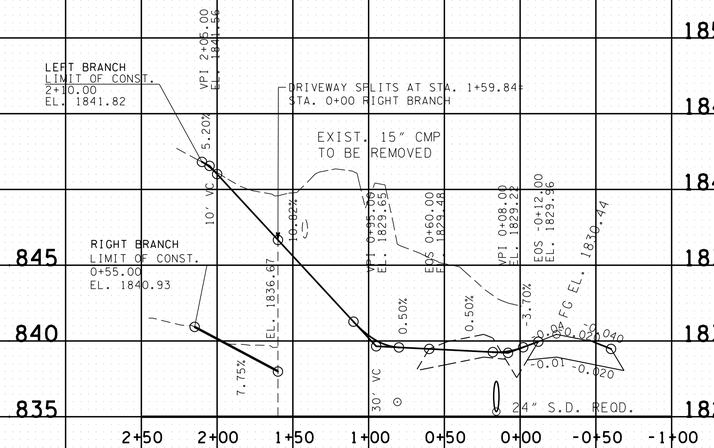
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:19 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

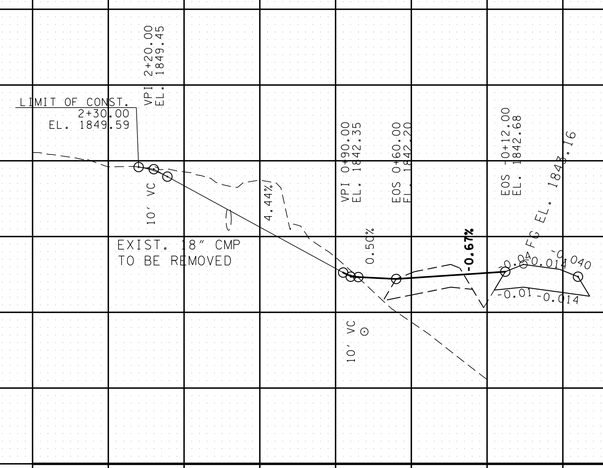
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	31
ROW	2020	HPP/NH-28 (37)	33
PIH	2025	HPP/NH-28 (37)	33



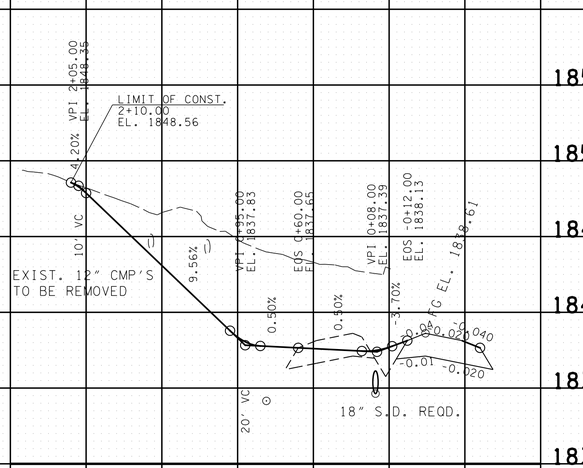
PVT. DR. RT. 502+20.00
TRACT NO. 38



PVT. DR. LT. 505+67.00
TRACT NO. 44



BUS. ENT. LT. 497+87.00
TRACT NO. 37



PVT. DR. LT. 501+03.00
TRACT NO. 39

PS&E
FIELD
REVIEW

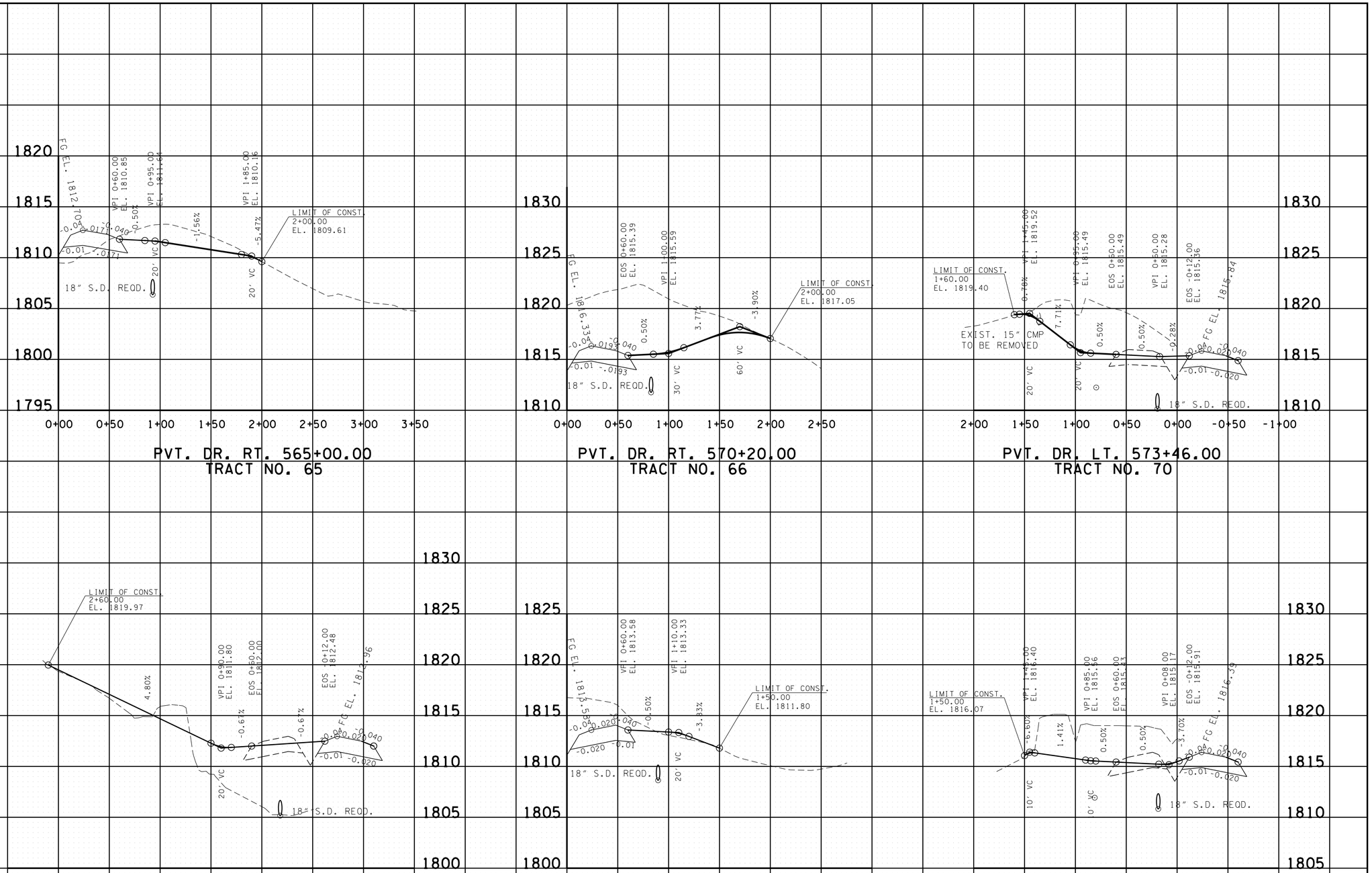
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:21 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	36
ROW	2020	HPP/NH-28 (37)	38
PIH	2025	HPP/NH-28 (37)	38



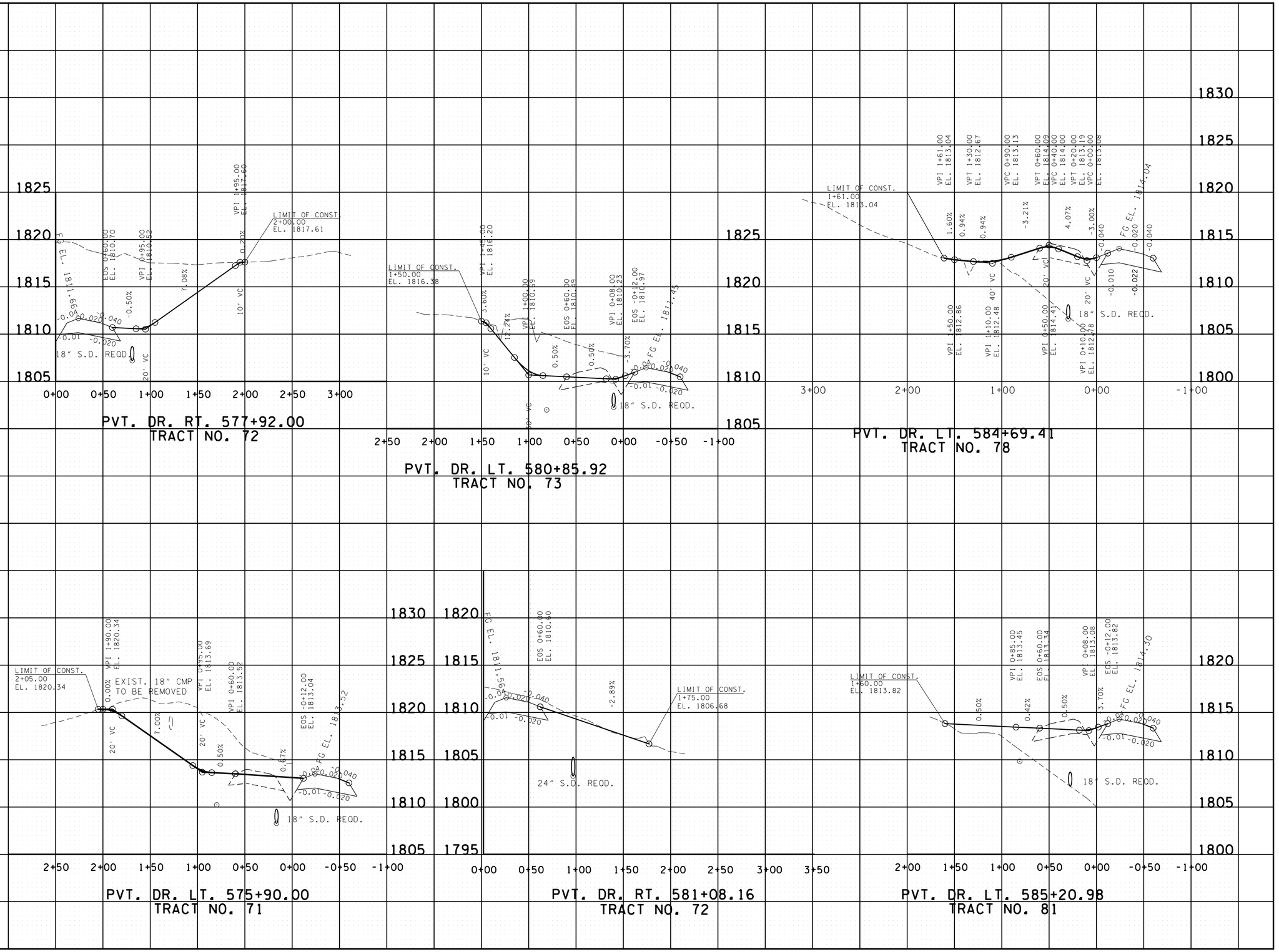
PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:22 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	37
ROW	2020	HPP/NH-28 (37)	39
PIH	2025	HPP/NH-28 (37)	39

1 REVISED 03-03-2022: MOVED PRIVATE DRIVE STA. 585+20.98 FROM SHEET 40 TO SHEET 39.

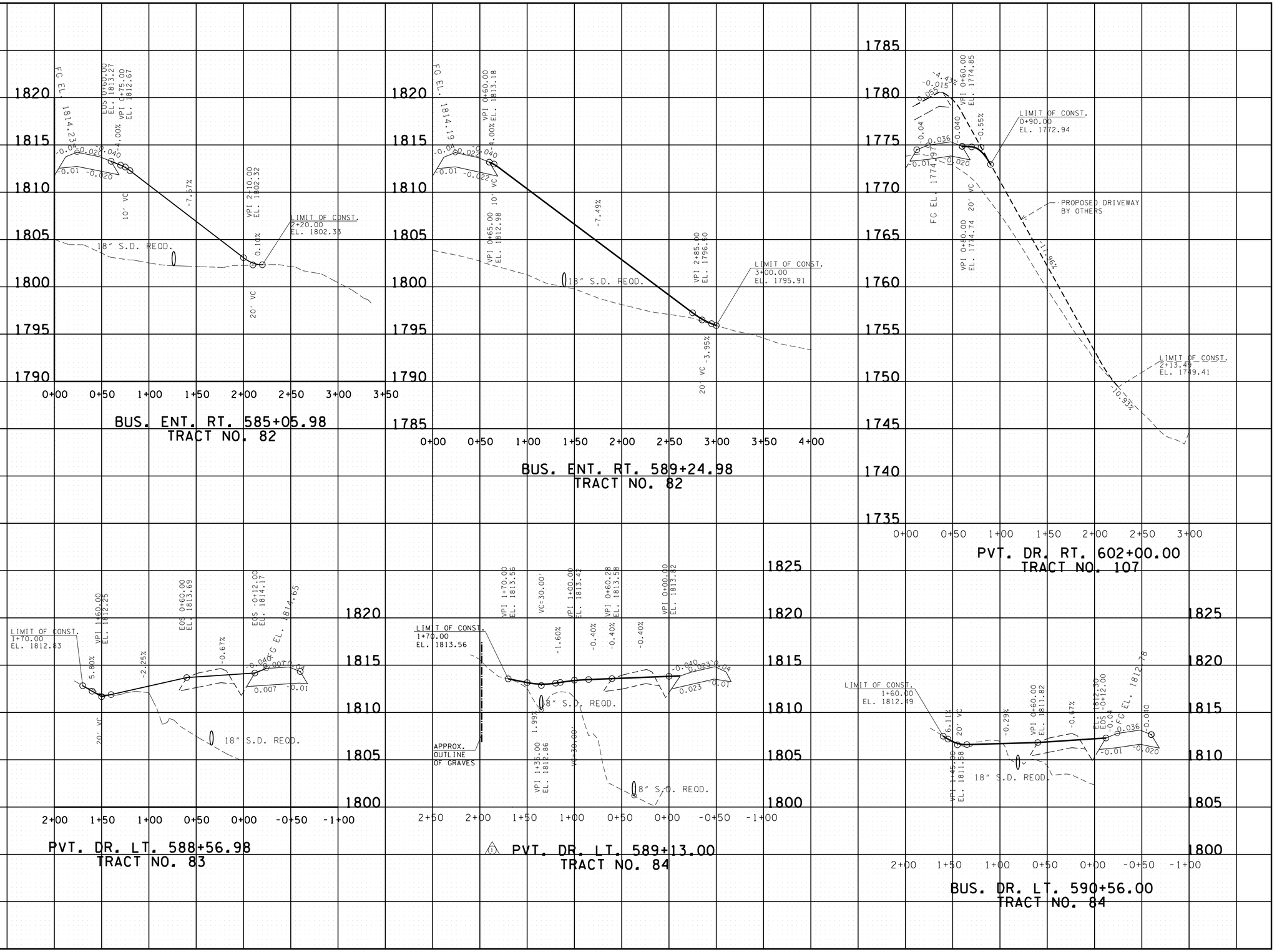
PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	38
ROW	2020	HPP/NH-28 (37)	40
PIH	2025	HPP/NH-28 (37)	40

1 REVISED 03-03-2022: ADDED PRIVATE DRIVE AT STA. 589+13.

PS&E FIELD REVIEW

SEALED BY

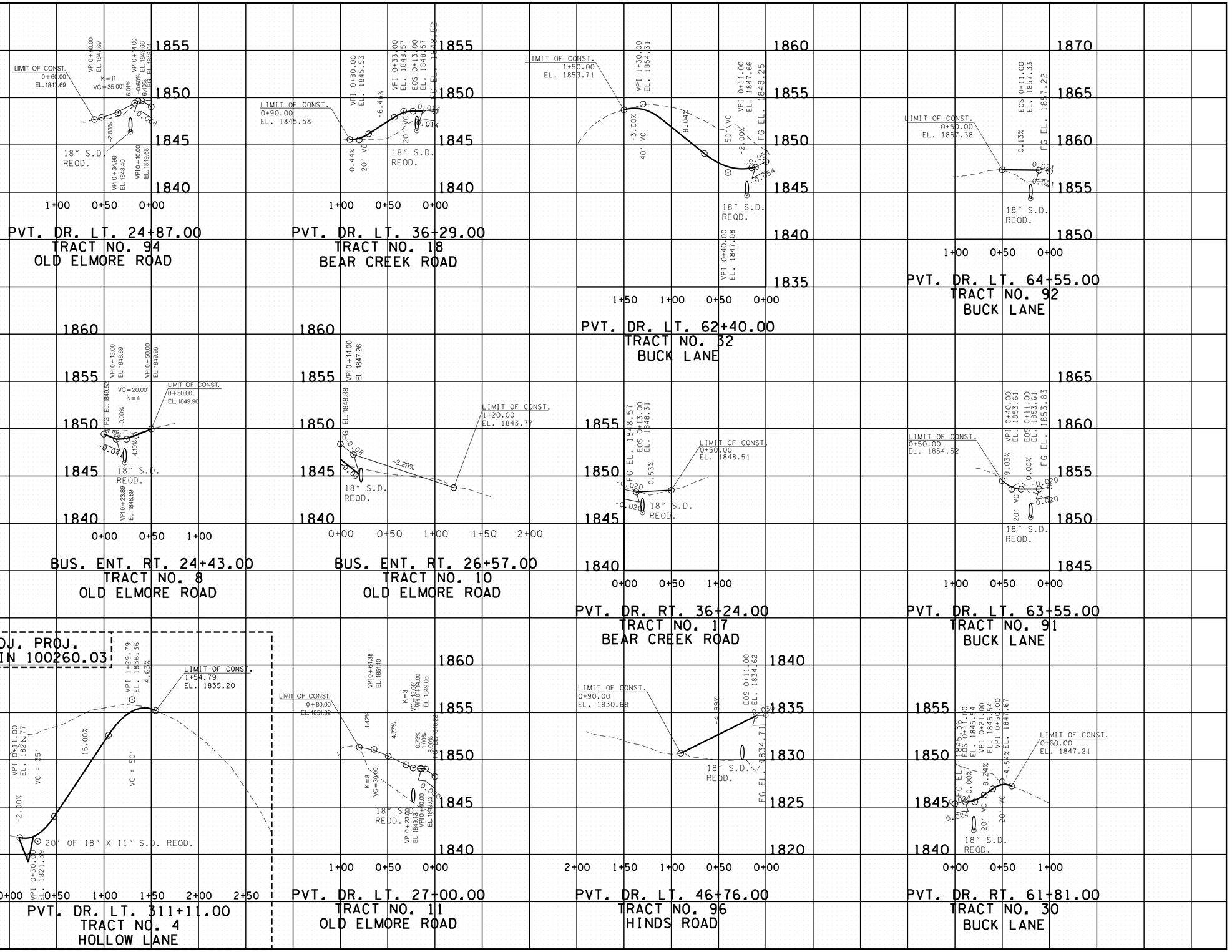
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:24 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	39
ROW	2020	HPP/NH-28 (37)	41
PIH	2025	HPP/NH-28 (37)	41

1 REVISED 12-08-2025: ADDED PVT. DRIVE FROM ADJACENT PROJ. PIN 100260.03 ON HOLLOW LANE.



PS&E FIELD REVIEW

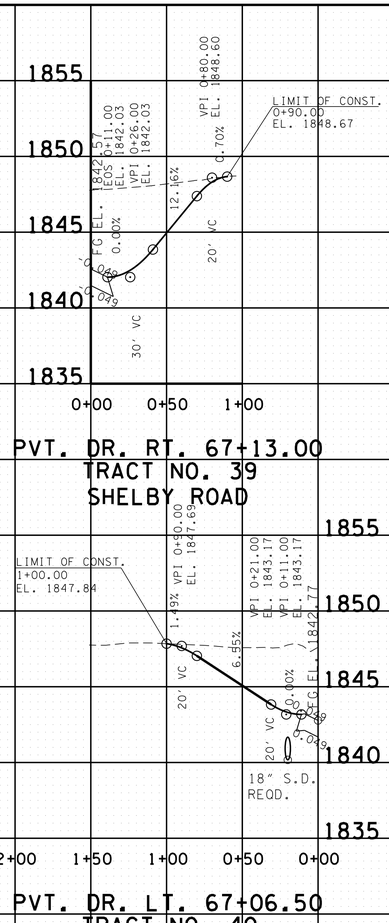
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

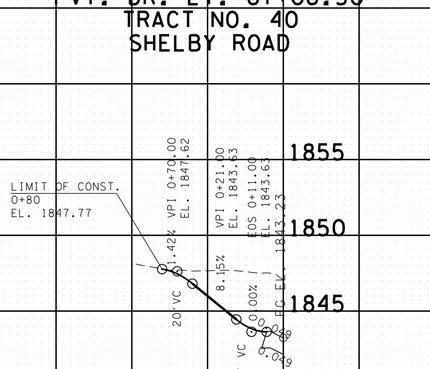
1/30/2026 2:22:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	40
ROW	2020	HPP/NH-28 (37)	42
PIH	2025	HPP/NH-28 (37)	42

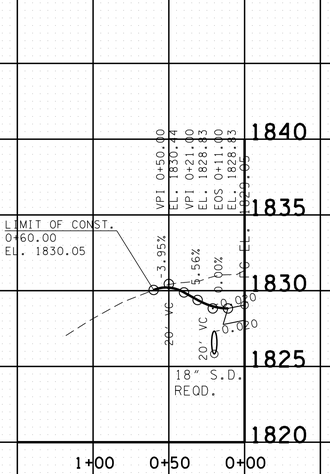


PVT. DR. RT. 67+13.00
TRACT NO. 39
SHELBY ROAD

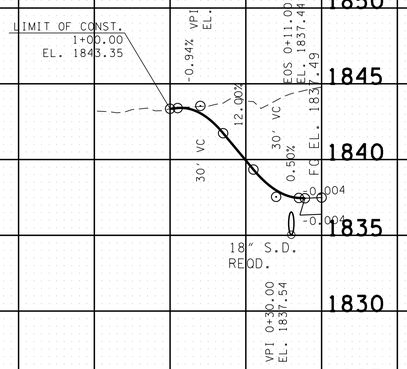
PVT. DR. LT. 67+06.50
TRACT NO. 40
SHELBY ROAD



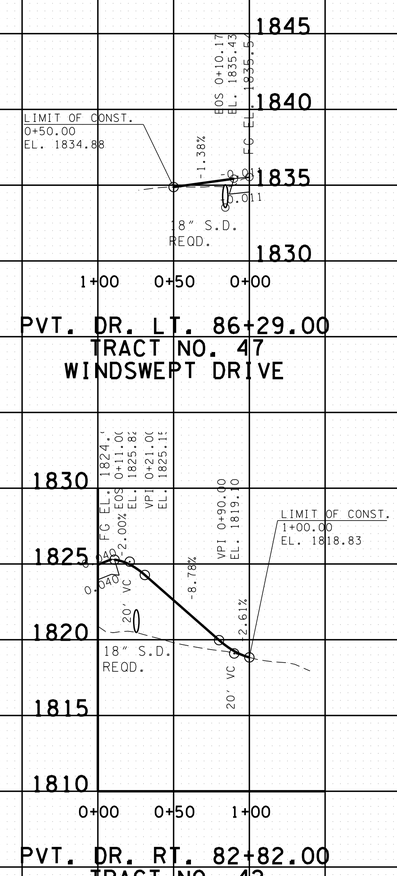
PVT. DR. LT. 66+78.00
TRACT NO. 40
SHELBY ROAD



PVT. DR. LT. 81+50.00
TRACT NO. 43
J.K. BOWMAN

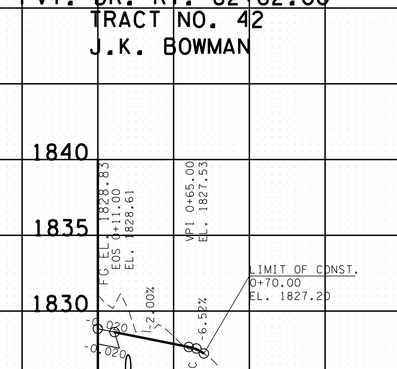


PVT. DR. LT. 68+20.00
TRACT NO. 40
SHELBY ROAD

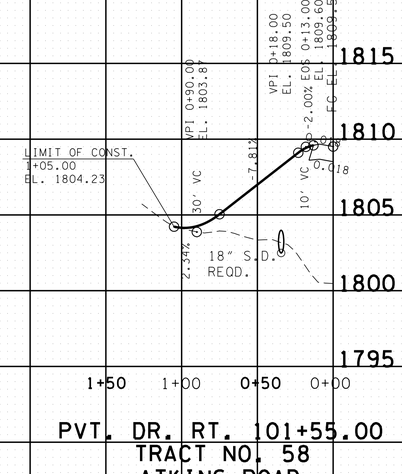


PVT. DR. LT. 86+29.00
TRACT NO. 47
WINDSWEPT DRIVE

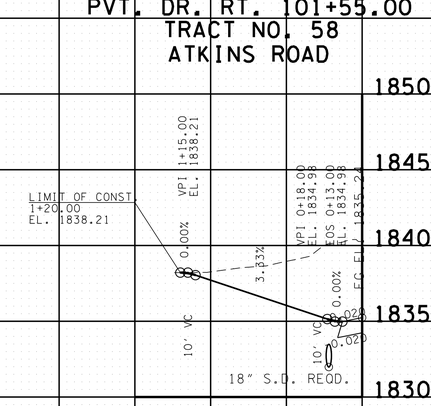
PVT. DR. RT. 81+60.00
TRACT NO. 42
J.K. BOWMAN



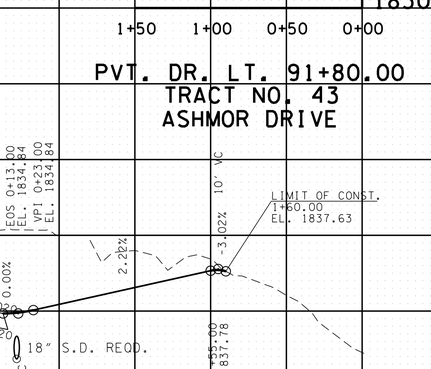
PVT. DR. RT. 82+82.00
TRACT NO. 42
J.K. BOWMAN



PVT. DR. LT. 101+55.00
TRACT NO. 58
ATKINS ROAD



PVT. DR. LT. 91+80.00
TRACT NO. 43
ASHMOR DRIVE



PVT. DR. RT. 91+75.00
TRACT NO. 43
ASHMOR DRIVE

PS&E
FIELD
REVIEW

SEALED BY

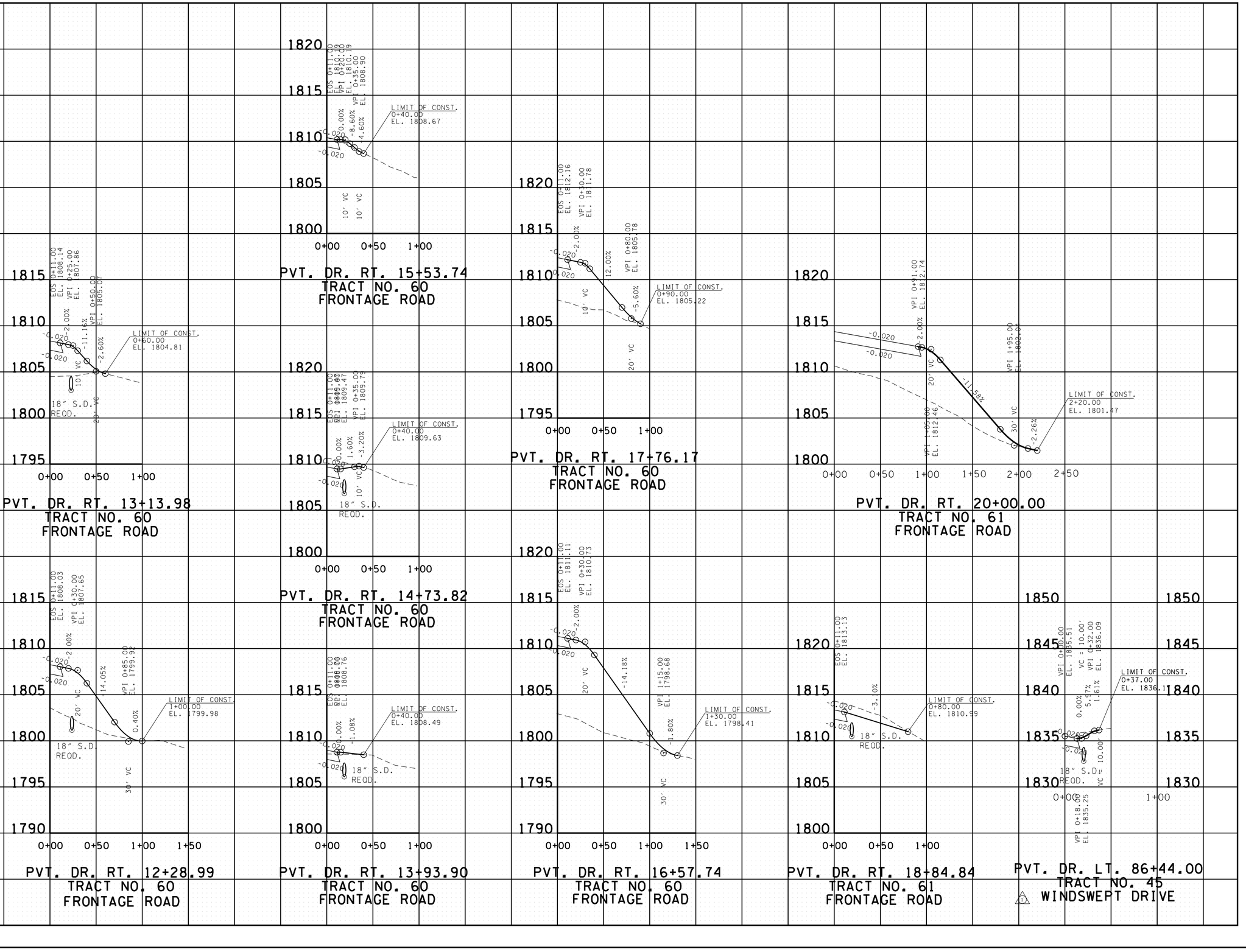
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE,
BUSINESS, AND
FIELD ENTRANCE
PROFILE

1/30/2026 2:22:26 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	41
ROW	2020	HPP/NH-28 (37)	43
PIH	2025	HPP/NH-28 (37)	43

1 REVISED 12-08-2025: ADDED PRIVATE DRIVE AT WINDSWEPT DRIVE STA. 86+44.00.



PS&E FIELD REVIEW

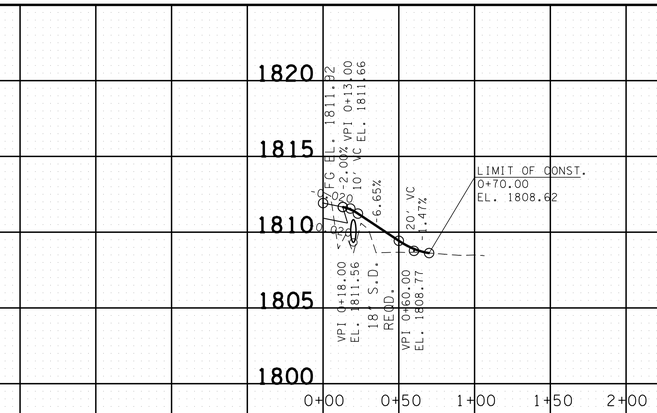
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

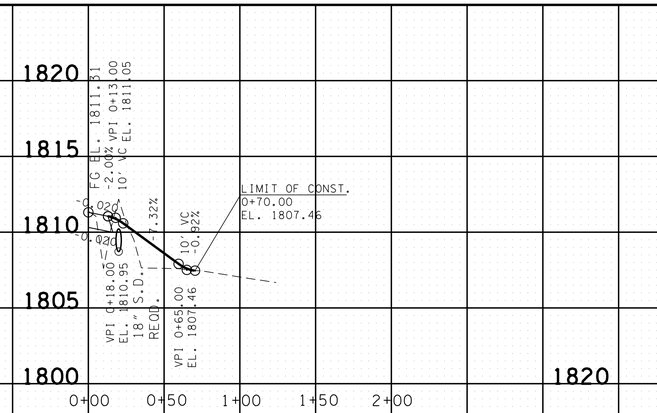
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

1/30/2026 2:22:28 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht

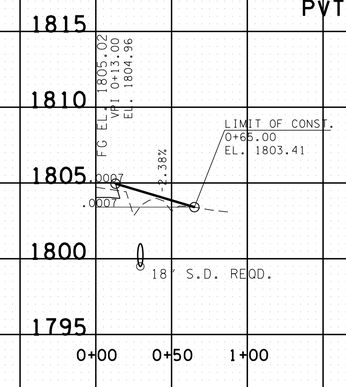
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	42
ROW	2020	HPP/NH-28 (37)	44
PIH	2025	HPP/NH-28 (37)	44



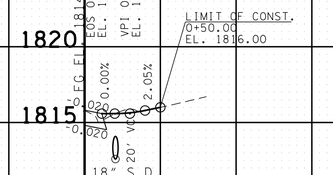
PVT. DR. RT. 141+59.57
TRACT NO. 85
N. LOWE ROAD



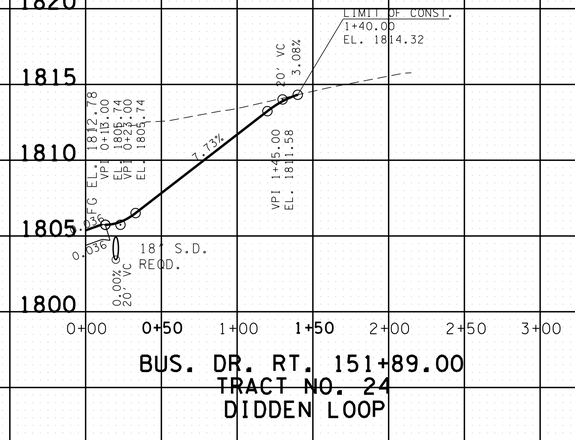
PVT. DR. RT. 142+15.00
TRACT NO. 86
N. LOWE ROAD



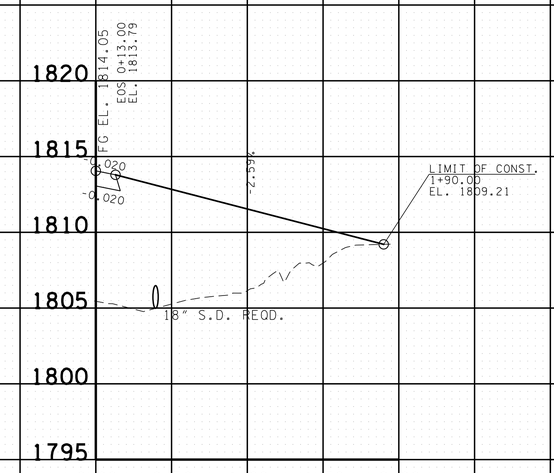
PVT. DR. RT. 123+75.00
TRACT NO. 67
BEATY ROAD



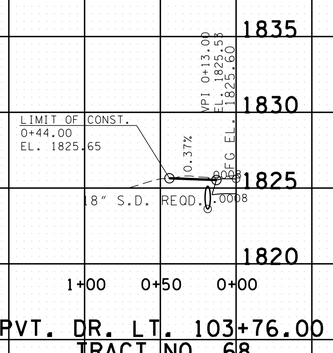
PVT. DR. RT. 126+42.50
TRACT NO. 74
BUTTERNUT RIDGE



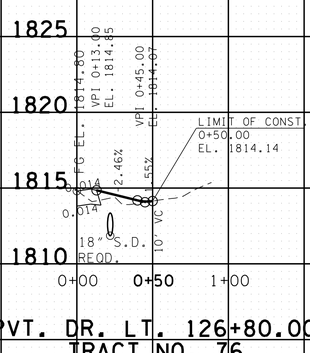
BUS. DR. RT. 151+89.00
TRACT NO. 24
DIDDEN LOOP



PVT. DR. RT. 121+43.00
TRACT NO. 67
BEATY ROAD



PVT. DR. LT. 103+76.00
TRACT NO. 68
BEAR CREEK NORTH



PVT. DR. LT. 126+80.00
TRACT NO. 76
BUTTERNUT RIDGE

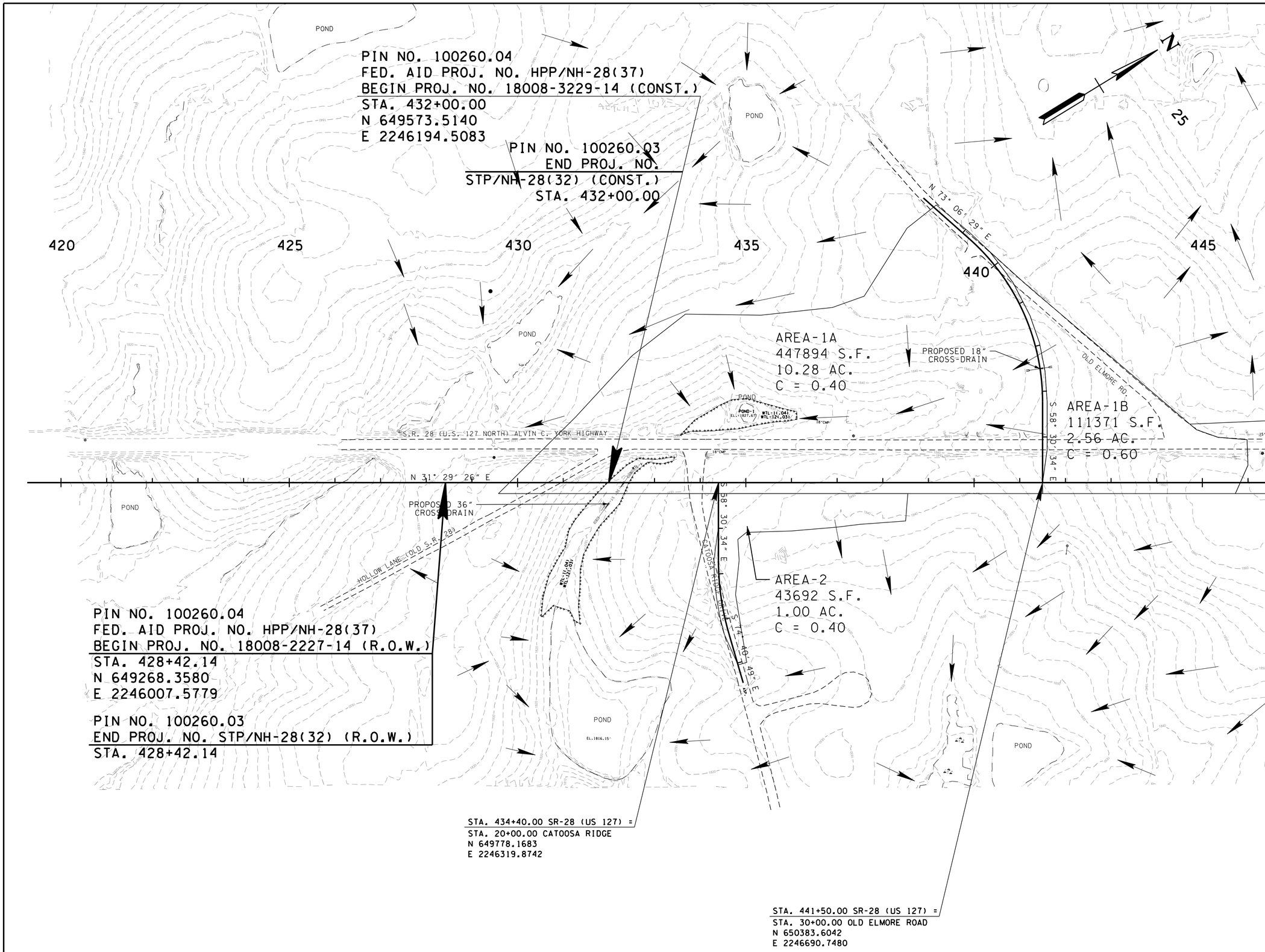
PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE,
BUSINESS, AND
FIELD ENTRANCE
PROFILE

1/30/2026 2:22:29 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\PrivateDriveProfiles.sht



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	43
ROW	2020	HPP/NH-28 (37)	45
PIH	2025	HPP/NH-28 (37)	45

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

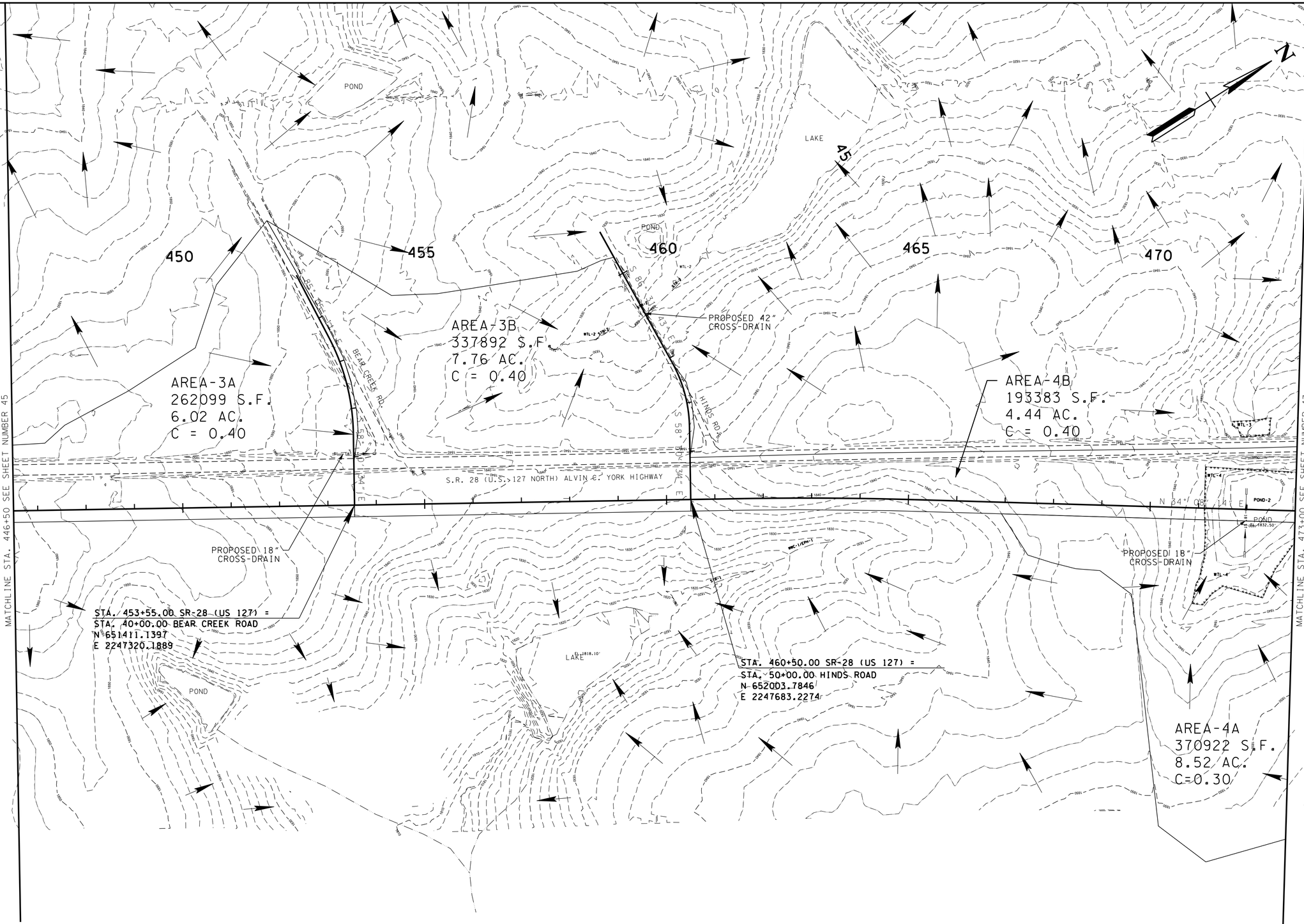
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

BEGIN PROJ. TO STA. 446+50
SCALE: 1"=100'

1/30/2026 2:22:37 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\045.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	44
ROW	2020	HPP/NH-28 (37)	46
PIH	2025	HPP/NH-28 (37)	46



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

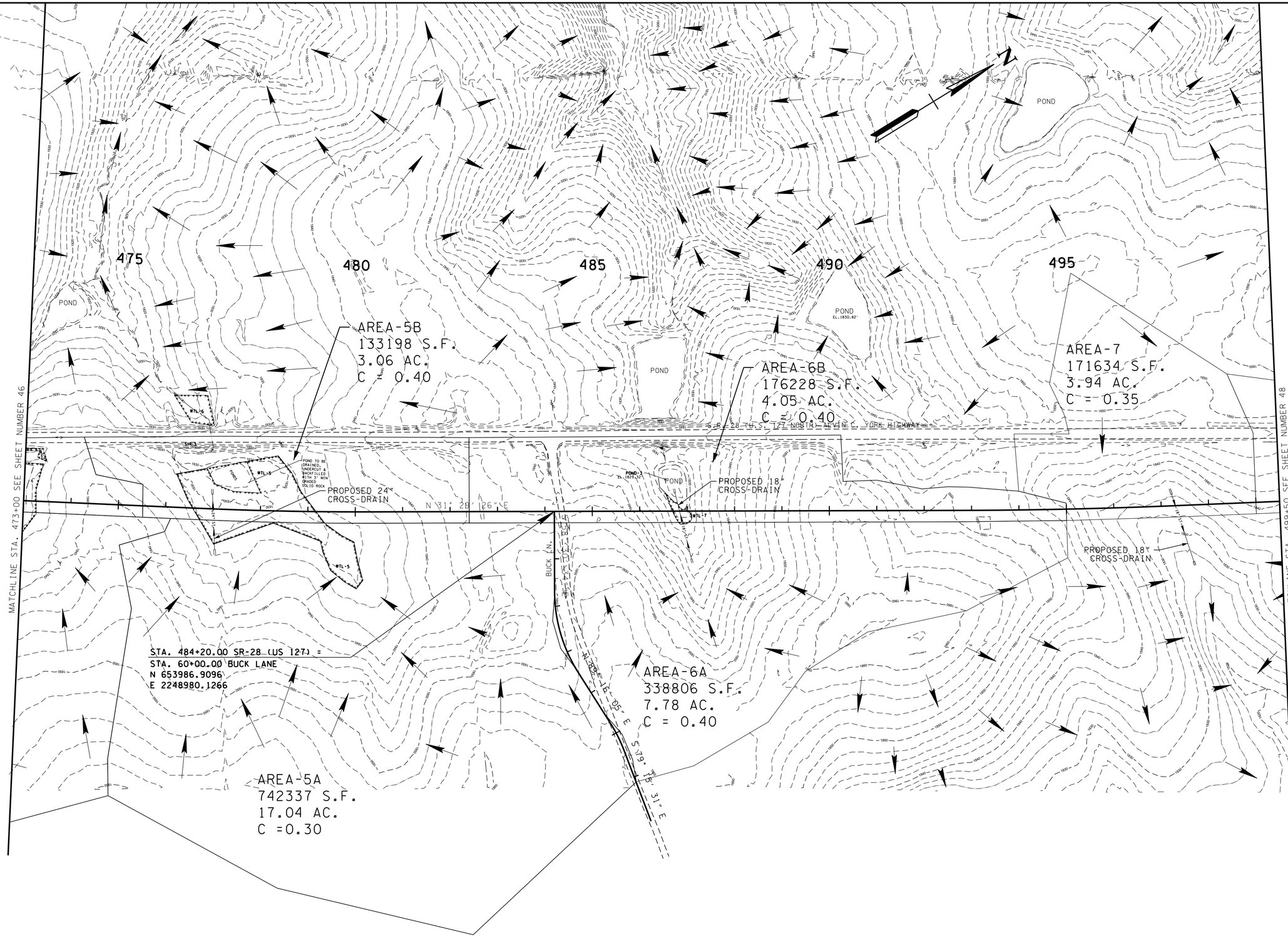
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 446+50 TO STA. 473+00
SCALE: 1"=100'

1/30/2026 2:22:38 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\046.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	45
ROW	2020	HPP/NH-28 (37)	47
PIH	2025	HPP/NH-28 (37)	47



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

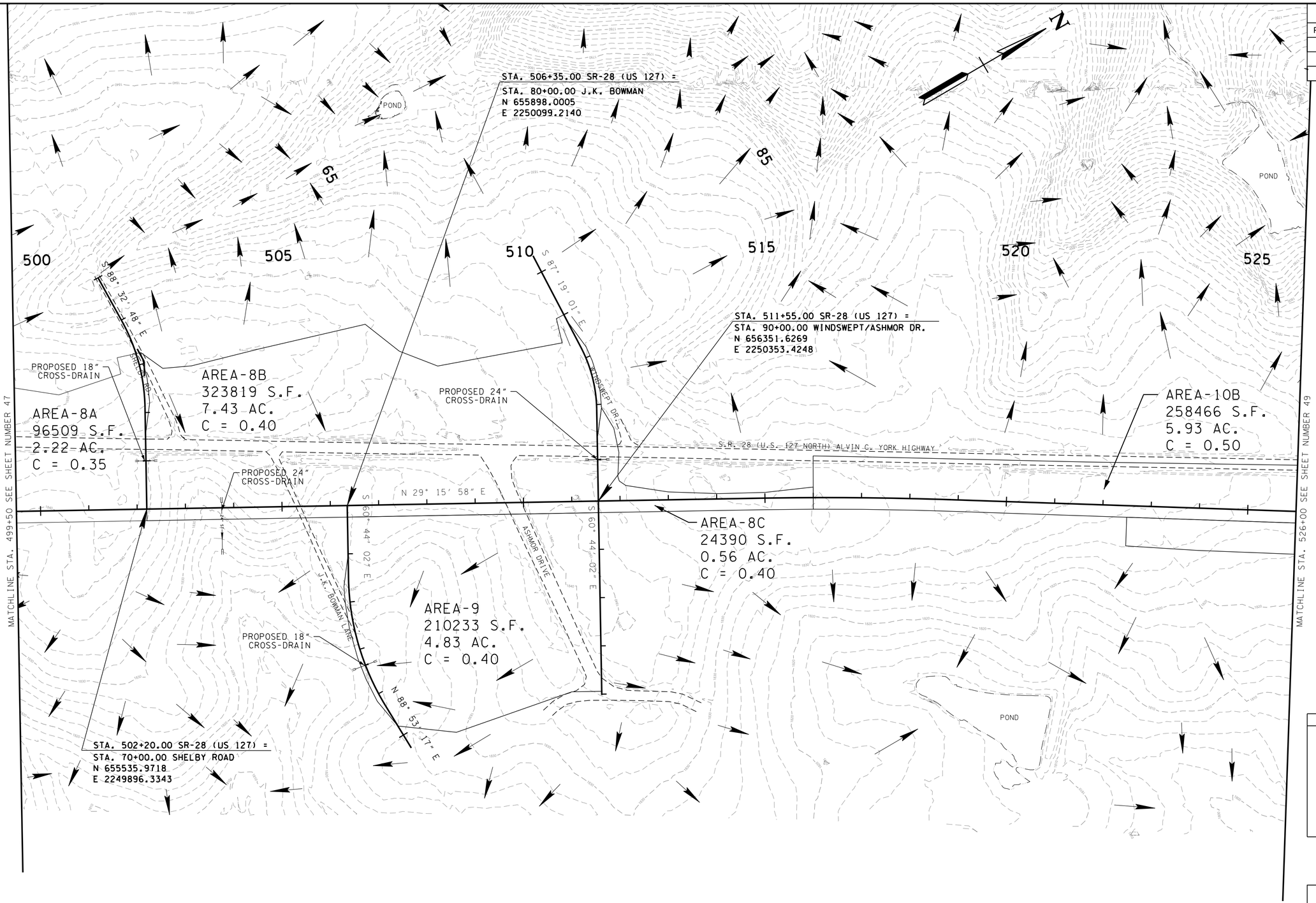
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 473+00 TO STA. 499+50
SCALE: 1"=100'

1/30/2026 2:22:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\047.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	46
ROW	2020	HPP/NH-28 (37)	48
PIH	2025	HPP/NH-28 (37)	48



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

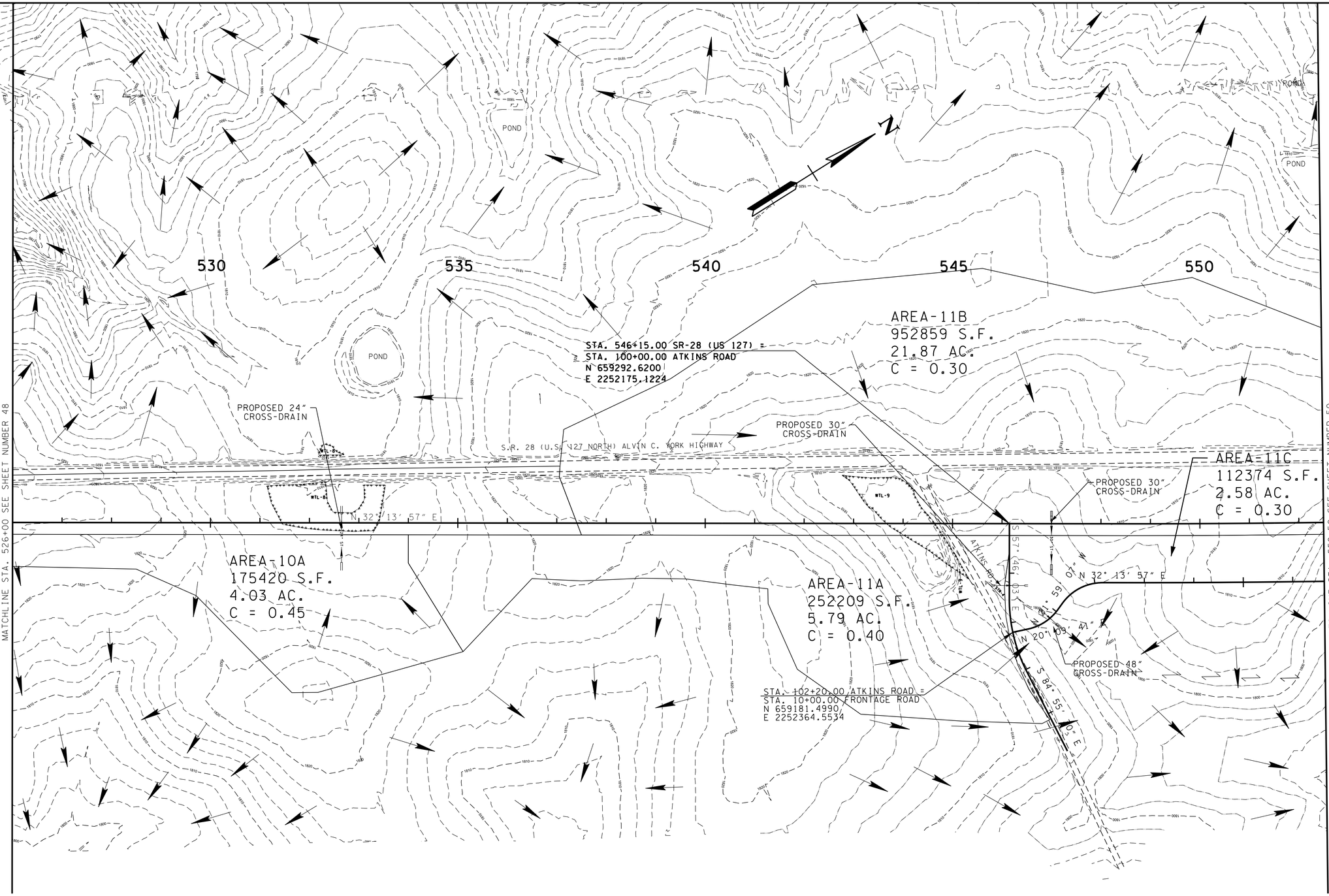
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 499+50 TO STA. 526+00
SCALE: 1"=100'

1/30/2026 2:22:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\048.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	47
ROW	2020	HPP/NH-28 (37)	49
PIH	2025	HPP/NH-28 (37)	49



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

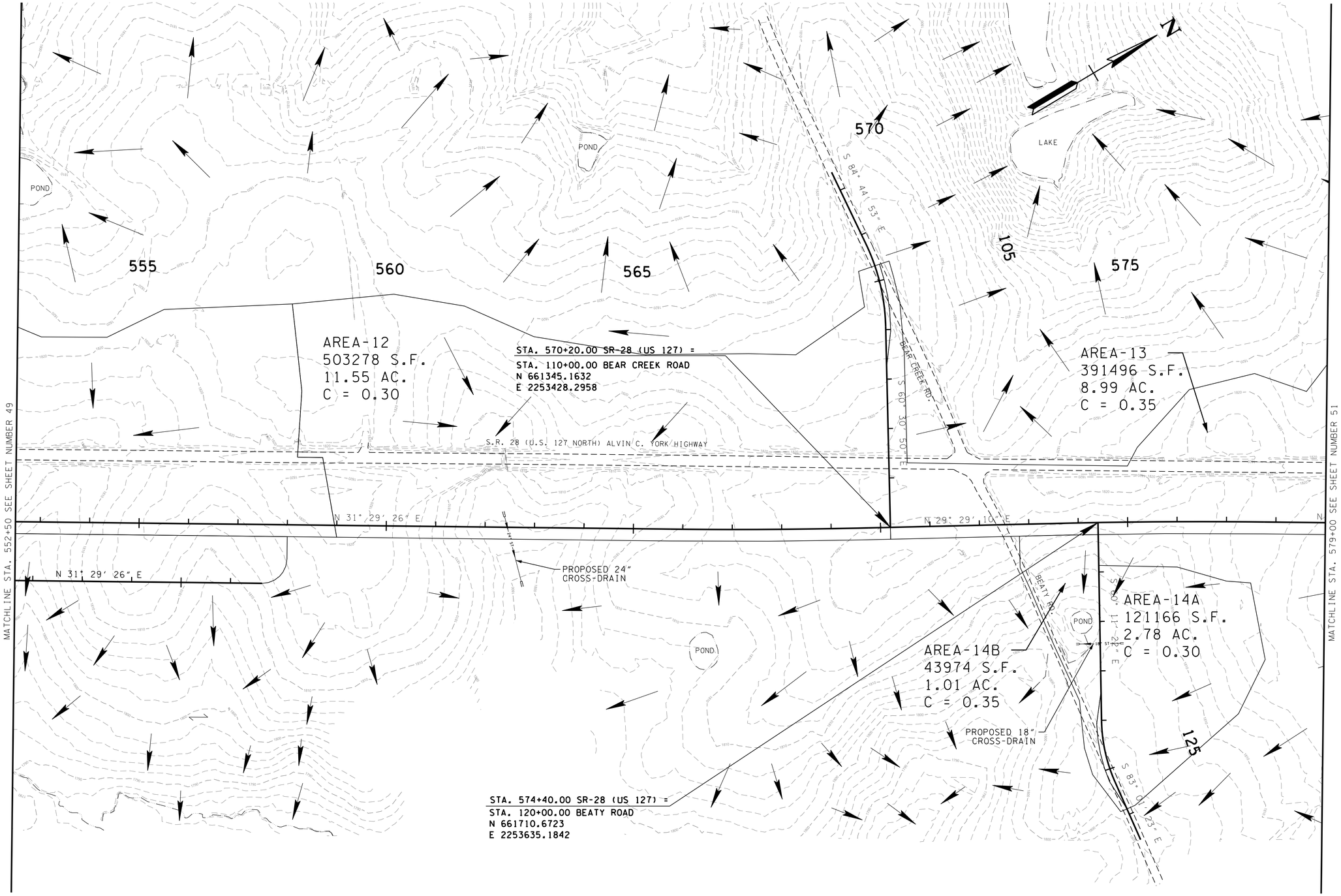
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 526+00 TO STA. 552+50
SCALE: 1"=100'

1/30/2026 2:22:43 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\049.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	48
ROW	2020	HPP/NH-28 (37)	50
PIH	2025	HPP/NH-28 (37)	50



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 552+50 TO STA. 579+00
SCALE: 1"=100'

1/30/2026 2:22:44 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\050.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	49
ROW	2020	HPP/NH-28 (37)	51
PIH	2025	HPP/NH-28 (37)	51

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409

MATCHLINE STA. 579+00 SEE SHEET NUMBER 50

STA. 592+50.00 SR-28 (US 127) =
STA. 140+00.00 N. LOWE ROAD
N 663379.5967
E 2254634.4477

AREA-15
260919 S.F.
5.99 AC.
C=0.35

AREA-16
221631 S.F.
5.09 AC.
C=0.35

AREA-17
491633 S.F.
11.29 AC.
C=0.32

BUTTERNUT RIDGE RD.

S.R. 28 (U.S. 127 NORTH) ALVIN C. YORK HIGHWAY

DIDDEN LOOP

PROPOSED 24" CROSS-DRAIN

PROPOSED 36" CROSS-DRAIN

PROPOSED 18" CROSS-DRAIN

POND

STA. 581+08.18 SR-28 (US 127)
STA. 130+00.00 BUTTERNUT RIDGE ROAD
N 662398.5212
E 2254050.7663

STA. 596+30.00 SR-28 (US 127) =
STA. 154+87.96 DIDDEN LOOP
N 663722.3886
E 2254718.2792

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

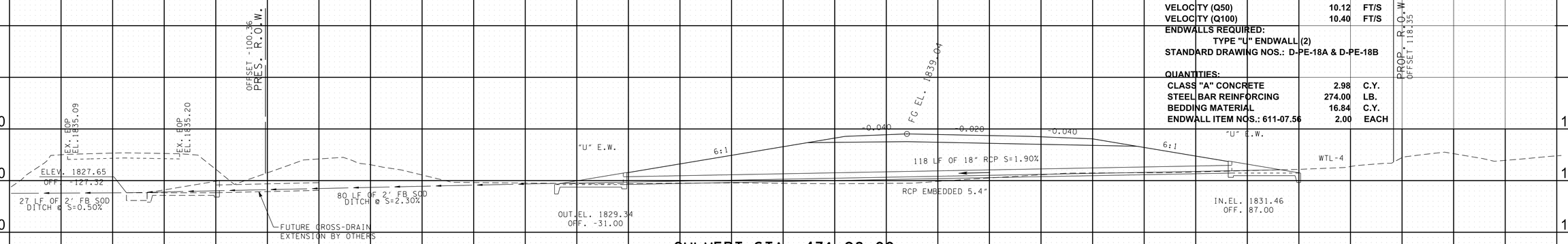
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 579+00 TO END PROJ.
SCALE: 1"=100'

1/30/2026 2:22:46 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\051.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2017	HPP/NH-28 (37)	50
ROW	2020	HPP/NH-28 (37)	52
PIH	2025	HPP/NH-28 (37)	52



CULVERT STA. 471+98.00

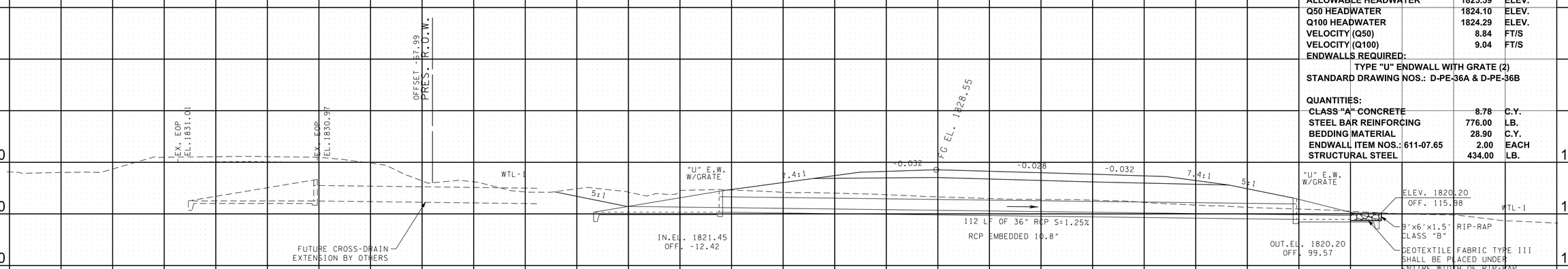
PIPE CULVERT
STATION: 471+98.00 SR-28
STRUCTURE: 113' - 18" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	8.52	AC.
DESIGN DISCHARGE (Q50)	16.58	CFS
DESIGN DISCHARGE (Q100)	18.22	CFS
OVERTOPPING	1838.56	ELEV.
~~ALLOWABLE HEADWATER~~	1836.65	ELEV.
Q50 HEADWATER	1836.58	ELEV.
Q100 HEADWATER	1837.35	ELEV.
VELOCITY (Q50)	10.12	FT/S
VELOCITY (Q100)	10.40	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	2.98	C.Y.
STEEL BAR REINFORCING	274.00	LB.
BEDDING MATERIAL	16.84	C.Y.
ENDWALL ITEM NOS.: 611-07.56	2.00	EACH



CULVERT STA. 432+33.00

PIPE CULVERT PROPOSED BY OTHERS
STATION: 432+33.00 SR-28
STRUCTURE: 100' - 36" RCP

SKEW	126°06'18"	DEG.
DRAINAGE AREA	12.84	AC.
DESIGN DISCHARGE (Q50)	29.49	CFS
DESIGN DISCHARGE (Q100)	32.71	CFS
OVERTOPPING	1827.71	ELEV.
ALLOWABLE HEADWATER	1825.59	ELEV.
Q50 HEADWATER	1824.10	ELEV.
Q100 HEADWATER	1824.29	ELEV.
VELOCITY (Q50)	8.84	FT/S
VELOCITY (Q100)	9.04	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL WITH GRATE (2)
STANDARD DRAWING NOS.: D-PE-36A & D-PE-36B

QUANTITIES:

CLASS "A" CONCRETE	8.78	C.Y.
STEEL BAR REINFORCING	776.00	LB.
BEDDING MATERIAL	28.90	C.Y.
ENDWALL ITEM NOS.: 611-07.65	2.00	EACH
STRUCTURAL STEEL	434.00	LB.

-140 -120 -100 -80 -60 -40 -20 0 20 40 60

SEALED BY

PS&E FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

1/30/2026 2:22:48 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\052.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	53
PIH	2025	HPP/NH-28 (37)	53

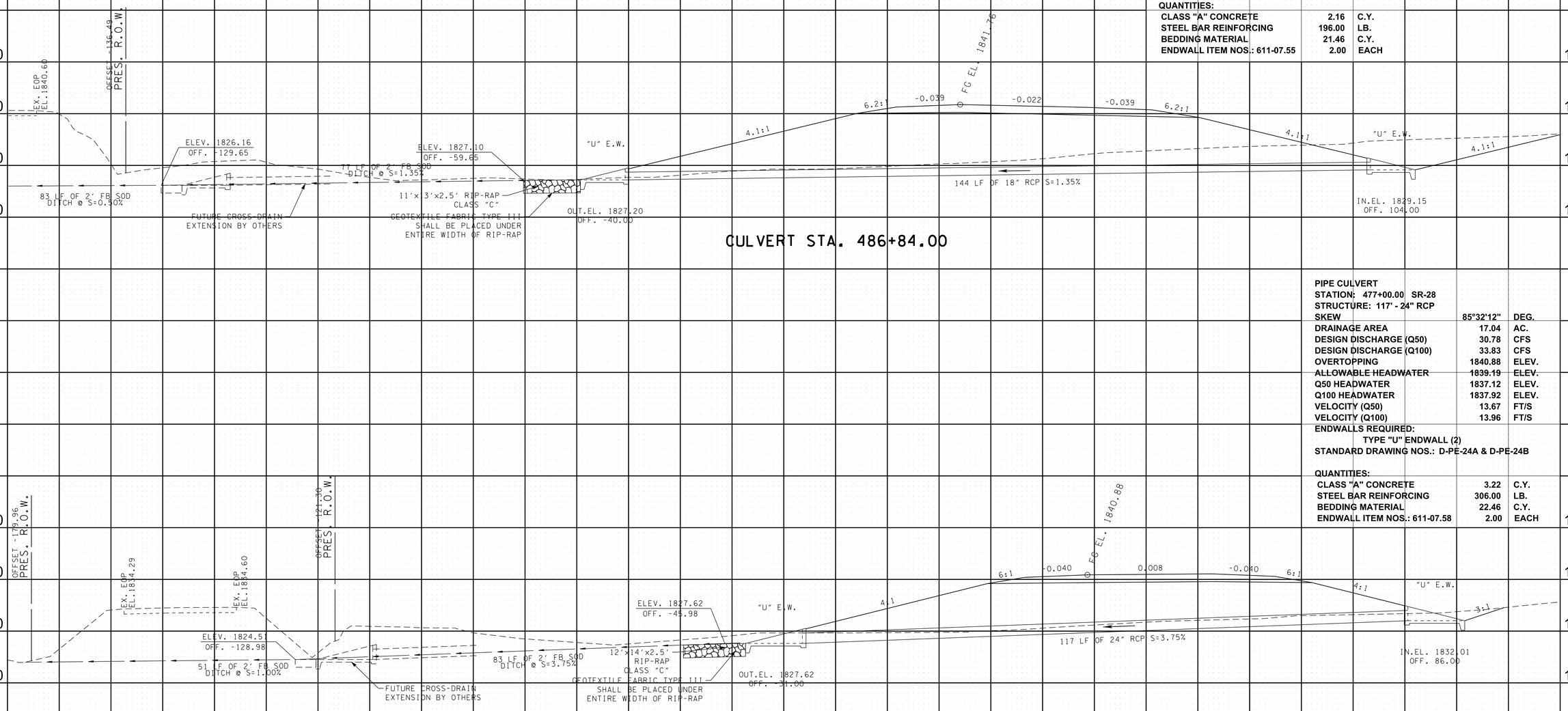
PIPE CULVERT
STATION: 486+84.00 SR-28
STRUCTURE: 144' - 18" RCP

SKEW	76°10'31"	DEG.
DRAINAGE AREA	7.78	AC.
DESIGN DISCHARGE (Q50)	21.00	CFS
DESIGN DISCHARGE (Q100)	23.09	CFS
OVERTOPPING	1841.22	ELEV.
ALLOWABLE HEADWATER	1839.26	ELEV.
Q50 HEADWATER	1836.87	ELEV.
Q100 HEADWATER	1838.57	ELEV.
VELOCITY (Q50)	11.88	FT/S
VELOCITY (Q100)	13.07	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	2.16	C.Y.
STEEL BAR REINFORCING	196.00	LB.
BEDDING MATERIAL	21.46	C.Y.
ENDWALL ITEM NOS.: 611-07.55	2.00	EACH



CULVERT STA. 486+84.00

PIPE CULVERT
STATION: 477+00.00 SR-28
STRUCTURE: 117' - 24" RCP

SKEW	85°32'12"	DEG.
DRAINAGE AREA	17.04	AC.
DESIGN DISCHARGE (Q50)	30.78	CFS
DESIGN DISCHARGE (Q100)	33.83	CFS
OVERTOPPING	1840.88	ELEV.
ALLOWABLE HEADWATER	1839.19	ELEV.
Q50 HEADWATER	1837.12	ELEV.
Q100 HEADWATER	1837.92	ELEV.
VELOCITY (Q50)	13.67	FT/S
VELOCITY (Q100)	13.96	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	3.22	C.Y.
STEEL BAR REINFORCING	306.00	LB.
BEDDING MATERIAL	22.46	C.Y.
ENDWALL ITEM NOS.: 611-07.58	2.00	EACH

CULVERT STA. 477+00.00

SEALED BY

PS&E
FIELD
REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
SECTION

1/30/2026 2:22:49 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\053.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2017	HPP/NH-28 (37)	51
ROW	2020	HPP/NH-28 (37)	54
PIH	2025	HPP/NH-28 (37)	54

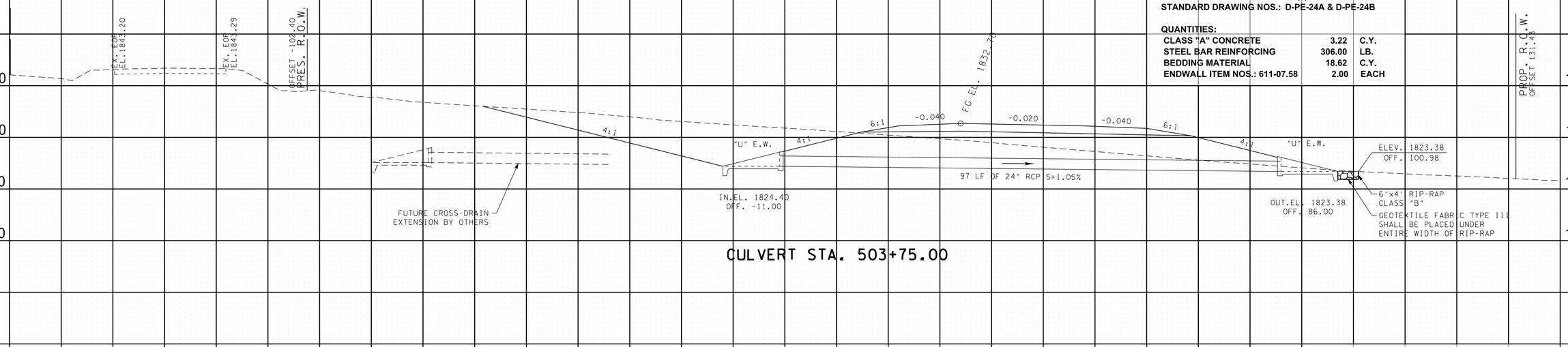
PIPE CULVERT
STATION: 503+75.00 SR-28
STRUCTURE: 97' - 24" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	10.21	AC.
DESIGN DISCHARGE (Q50)	24.32	CFS
DESIGN DISCHARGE (Q100)	26.71	CFS
OVERTOPPING	1832.22	ELEV.
ALLOWABLE HEADWATER	1830.30	ELEV.
Q50 HEADWATER	1828.09	ELEV.
Q100 HEADWATER	1828.58	ELEV.
VELOCITY (Q50)	8.36	FT/S
VELOCITY (Q100)	8.96	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	3.22	C.Y.
STEEL BAR REINFORCING	306.00	LB.
BEDDING MATERIAL	18.62	C.Y.
ENDWALL ITEM NOS.: 611-07.58	2.00	EACH



CULVERT STA. 503+75.00

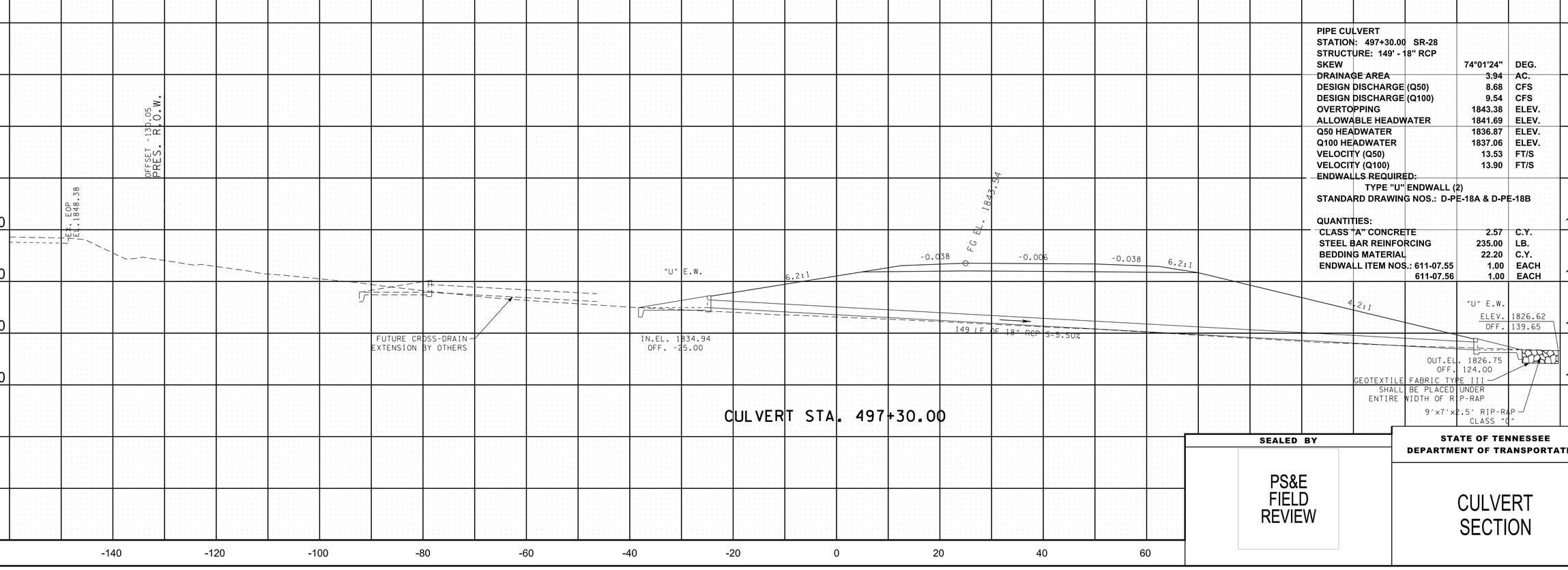
PIPE CULVERT
STATION: 497+30.00 SR-28
STRUCTURE: 149' - 18" RCP

SKEW	74°01'24"	DEG.
DRAINAGE AREA	3.94	AC.
DESIGN DISCHARGE (Q50)	8.68	CFS
DESIGN DISCHARGE (Q100)	9.54	CFS
OVERTOPPING	1843.38	ELEV.
ALLOWABLE HEADWATER	1841.69	ELEV.
Q50 HEADWATER	1836.87	ELEV.
Q100 HEADWATER	1837.06	ELEV.
VELOCITY (Q50)	13.53	FT/S
VELOCITY (Q100)	13.90	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	2.57	C.Y.
STEEL BAR REINFORCING	235.00	LB.
BEDDING MATERIAL	22.20	C.Y.
ENDWALL ITEM NOS.: 611-07.55	1.00	EACH
611-07.56	1.00	EACH



CULVERT STA. 497+30.00

SEALED BY

PS&E FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

1/30/2026 2:22:50 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\054.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2017	HPP/NH-28 (37)	52
ROW	2020	HPP/NH-28 (37)	55
PIH	2025	HPP/NH-28 (37)	55

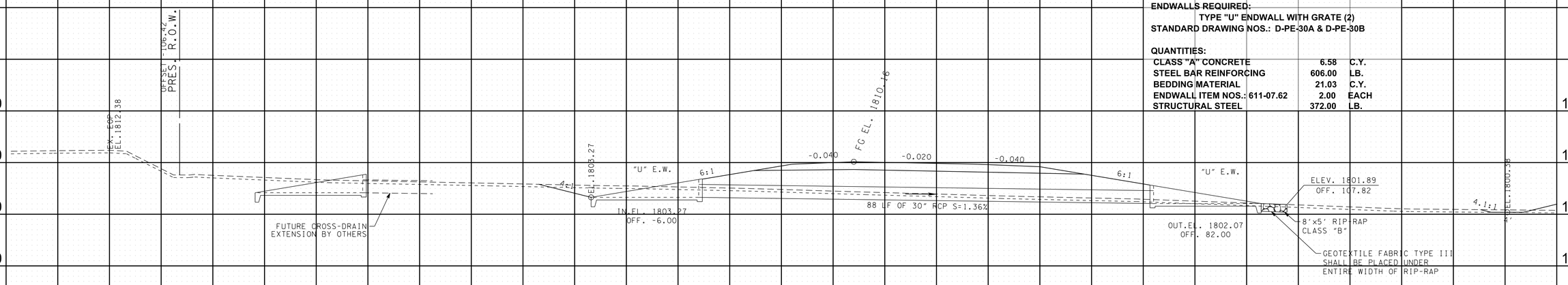
PIPE CULVERT
STATION: 547+00.00 SR-28
STRUCTURE: 88' - 30" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	21.87	AC.
DESIGN DISCHARGE (Q50)	36.47	CFS
DESIGN DISCHARGE (Q100)	40.27	CFS
OVERTOPPING	1809.68	ELEV.
ALLOWABLE HEADWATER	1807.77	ELEV.
Q50 HEADWATER	1807.11	ELEV.
Q100 HEADWATER	1807.58	ELEV.
VELOCITY (Q50)	8.36	FT/S
VELOCITY (Q100)	8.96	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL WITH GRATE (2)
STANDARD DRAWING NOS.: D-PE-30A & D-PE-30B

QUANTITIES:

CLASS "A" CONCRETE	6.58	C.Y.
STEEL BAR REINFORCING	606.00	LB.
BEDDING MATERIAL	21.03	C.Y.
ENDWALL ITEM NOS.: 611-07.62	2.00	EACH
STRUCTURAL STEEL	372.00	LB.



CULVERT STA. 547+00.00

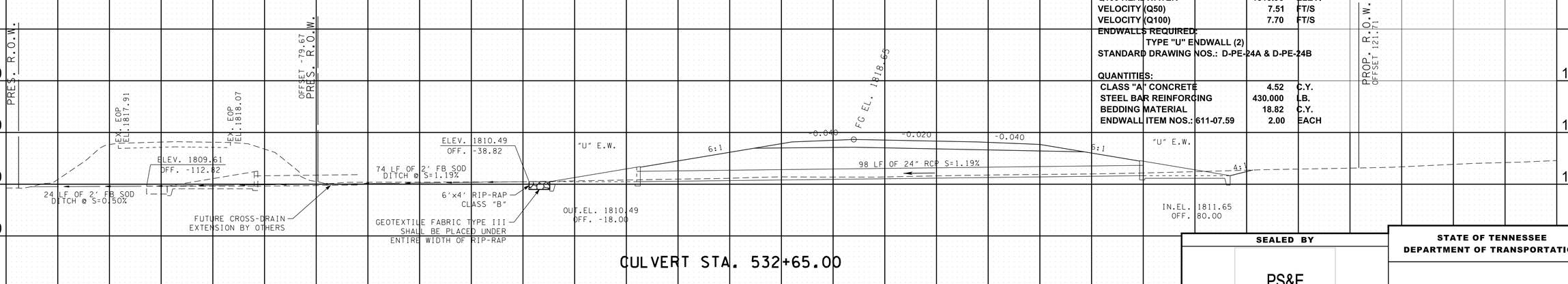
PIPE CULVERT
STATION: 532+65.00 SR-28
STRUCTURE: 98' - 24" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	4.03	AC.
DESIGN DISCHARGE (Q50)	14.14	CFS
DESIGN DISCHARGE (Q100)	15.56	CFS
OVERTOPPING	1818.17	ELEV.
ALLOWABLE HEADWATER	1816.26	ELEV.
Q50 HEADWATER	1813.80	ELEV.
Q100 HEADWATER	1813.96	ELEV.
VELOCITY (Q50)	7.51	FT/S
VELOCITY (Q100)	7.70	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	4.52	C.Y.
STEEL BAR REINFORCING	430.000	LB.
BEDDING MATERIAL	18.82	C.Y.
ENDWALL ITEM NOS.: 611-07.59	2.00	EACH



CULVERT STA. 532+65.00

-120 -100 -80 -60 -40 -20 0 20 40 60 80

SEALED BY

PS&E
FIELD
REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

1/30/2026 2:22:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\055.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	56
PIH	2025	HPP/NH-28 (37)	56

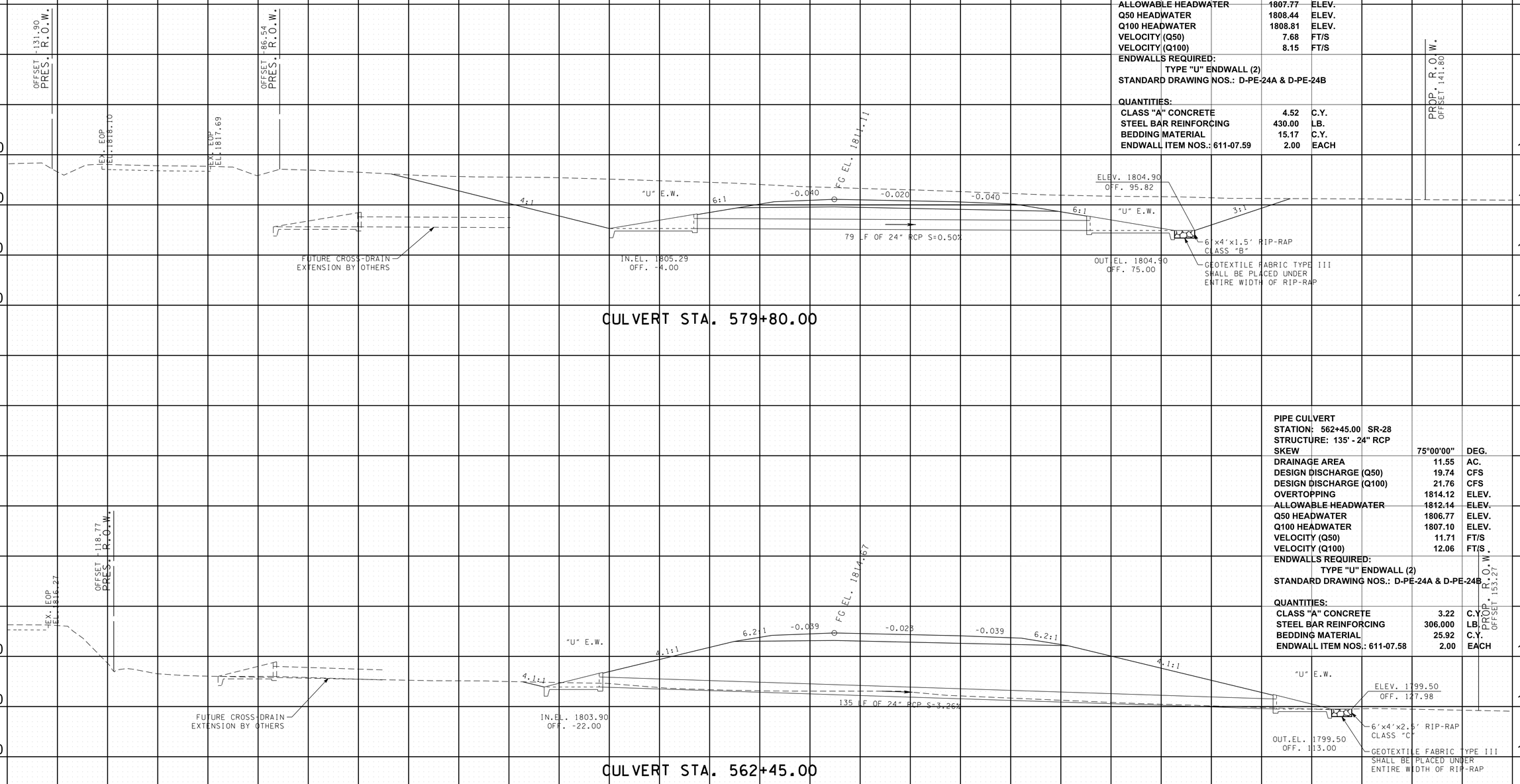
PIPE CULVERT
STATION: 579+80.00 SR-28
STRUCTURE: 79' - 24" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	8.99	AC.
DESIGN DISCHARGE (Q50)	21.28	CFS
DESIGN DISCHARGE (Q100)	23.40	CFS
OVERTOPPING	1809.68	ELEV.
ALLOWABLE HEADWATER	1807.77	ELEV.
Q50 HEADWATER	1808.44	ELEV.
Q100 HEADWATER	1808.81	ELEV.
VELOCITY (Q50)	7.68	FT/S
VELOCITY (Q100)	8.15	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	4.52	C.Y.
STEEL BAR REINFORCING	430.00	LB.
BEDDING MATERIAL	15.17	C.Y.
ENDWALL ITEM NOS.: 611-07.59	2.00	EACH



CULVERT STA. 579+80.00

PIPE CULVERT
STATION: 562+45.00 SR-28
STRUCTURE: 135' - 24" RCP

SKEW	75°00'00"	DEG.
DRAINAGE AREA	11.55	AC.
DESIGN DISCHARGE (Q50)	19.74	CFS
DESIGN DISCHARGE (Q100)	21.76	CFS
OVERTOPPING	1814.12	ELEV.
ALLOWABLE HEADWATER	1812.14	ELEV.
Q50 HEADWATER	1806.77	ELEV.
Q100 HEADWATER	1807.10	ELEV.
VELOCITY (Q50)	11.71	FT/S
VELOCITY (Q100)	12.06	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	3.22	C.Y.
STEEL BAR REINFORCING	306.000	LB.
BEDDING MATERIAL	25.92	C.Y.
ENDWALL ITEM NOS.: 611-07.58	2.00	EACH

CULVERT STA. 562+45.00

-120 -100 -80 -60 -40 -20 0 20 40 60 80

SEALED BY

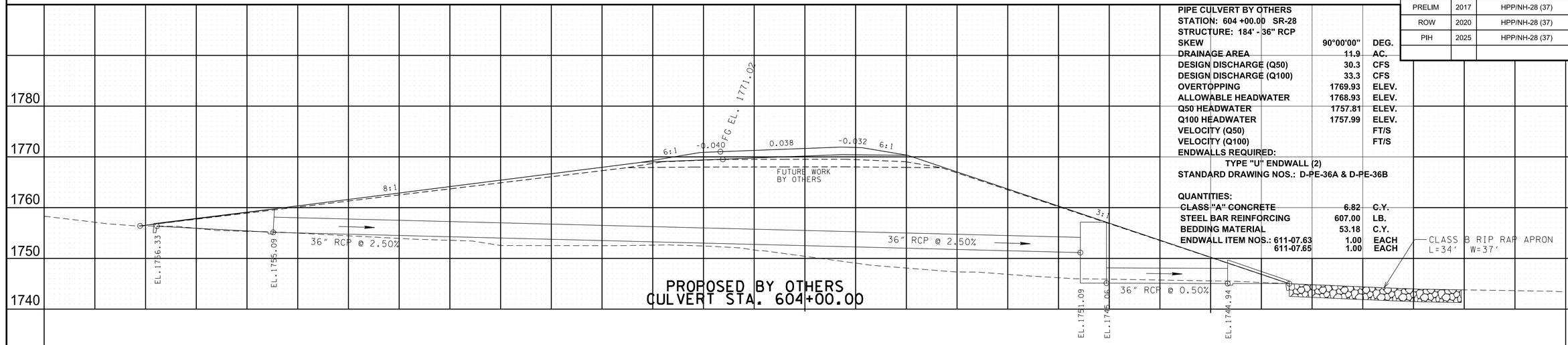
PS&E
FIELD
REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

1/30/2026 2:22:52 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\056.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2017	HPP/NH-28 (37)	53
ROW	2020	HPP/NH-28 (37)	57
PIH	2025	HPP/NH-28 (37)	57



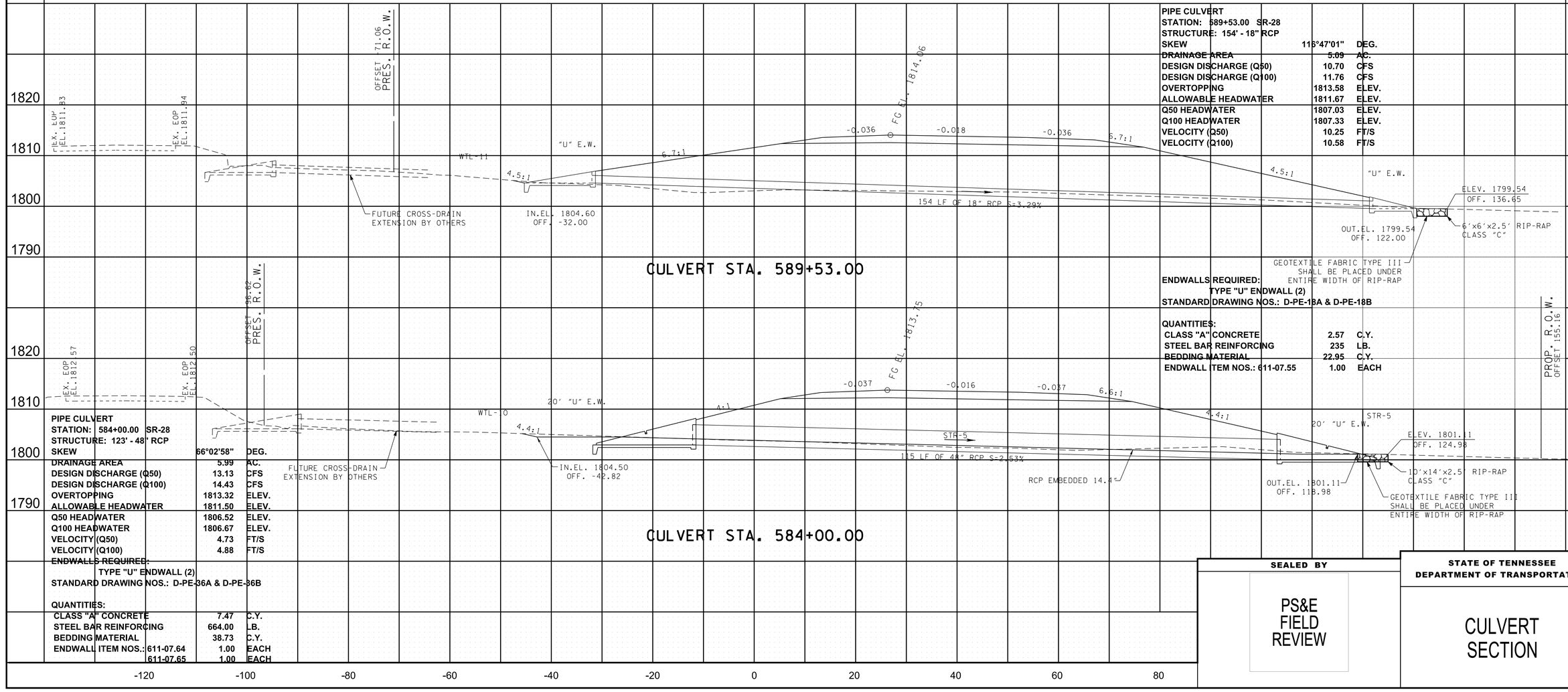
PIPE CULVERT BY OTHERS
STATION: 604 +00.00 SR-28
STRUCTURE: 184' - 36" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	11.9	AC.
DESIGN DISCHARGE (Q50)	30.3	CFS
DESIGN DISCHARGE (Q100)	33.3	CFS
OVERTOPPING	1769.93	ELEV.
ALLOWABLE HEADWATER	1768.93	ELEV.
Q50 HEADWATER	1757.81	ELEV.
Q100 HEADWATER	1757.99	ELEV.
VELOCITY (Q50)		FT/S
VELOCITY (Q100)		FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-36A & D-PE-36B

QUANTITIES:

CLASS "A" CONCRETE	6.82	C.Y.
STEEL BAR REINFORCING	607.00	LB.
BEDDING MATERIAL	53.18	C.Y.
ENDWALL ITEM NOS.: 611-07.63	1.00	EACH
611-07.65	1.00	EACH



PIPE CULVERT
STATION: 589+53.00 SR-28
STRUCTURE: 154' - 18" RCP

SKEW	115°47'01"	DEG.
DRAINAGE AREA	5.09	AC.
DESIGN DISCHARGE (Q50)	10.70	CFS
DESIGN DISCHARGE (Q100)	11.76	CFS
OVERTOPPING	1813.58	ELEV.
ALLOWABLE HEADWATER	1811.67	ELEV.
Q50 HEADWATER	1807.03	ELEV.
Q100 HEADWATER	1807.33	ELEV.
VELOCITY (Q50)	10.25	FT/S
VELOCITY (Q100)	10.58	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	2.57	C.Y.
STEEL BAR REINFORCING	235	LB.
BEDDING MATERIAL	22.95	C.Y.
ENDWALL ITEM NOS.: 611-07.55	1.00	EACH

PIPE CULVERT
STATION: 584+00.00 SR-28
STRUCTURE: 123' - 48" RCP

SKEW	66°02'58"	DEG.
DRAINAGE AREA	5.99	AC.
DESIGN DISCHARGE (Q50)	13.13	CFS
DESIGN DISCHARGE (Q100)	14.43	CFS
OVERTOPPING	1813.32	ELEV.
ALLOWABLE HEADWATER	1811.50	ELEV.
Q50 HEADWATER	1806.52	ELEV.
Q100 HEADWATER	1806.67	ELEV.
VELOCITY (Q50)	4.73	FT/S
VELOCITY (Q100)	4.88	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-36A & D-PE-36B

QUANTITIES:

CLASS "A" CONCRETE	7.47	C.Y.
STEEL BAR REINFORCING	664.00	LB.
BEDDING MATERIAL	38.73	C.Y.
ENDWALL ITEM NOS.: 611-07.64	1.00	EACH
611-07.65	1.00	EACH

SEALED BY

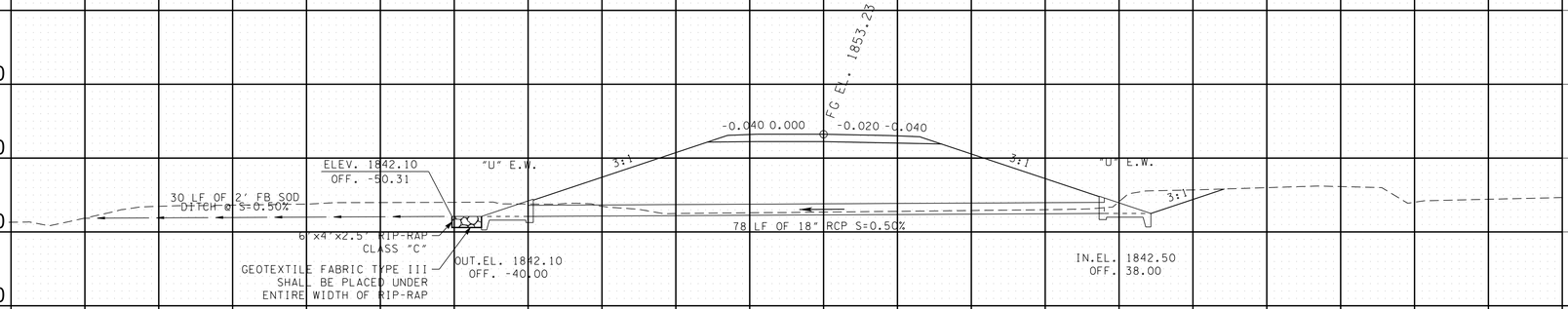
PS&E FIELD REVIEW

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

1/30/2026 2:22:53 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\057.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	54
ROW	2020	HPP/NH-28 (37)	58
PIH	2025	HPP/NH-28 (37)	58



BEAR CREEK ROAD S. CULVERT STA. 38+94.00

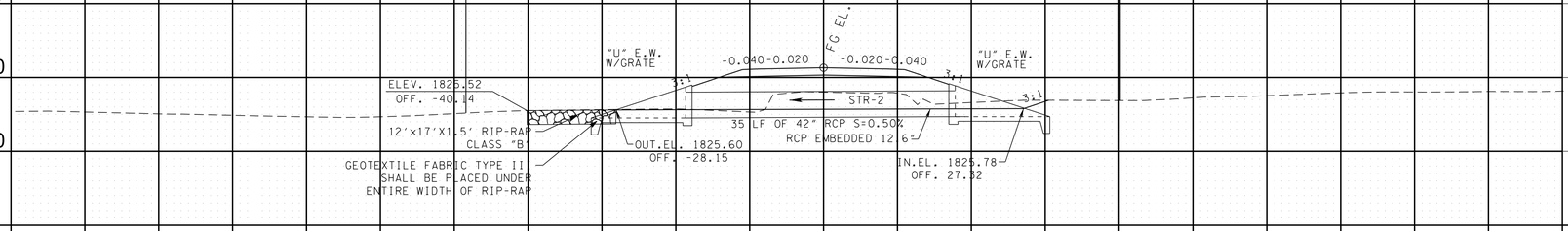
PIPE CULVERT
STATION: 38+94.00 BEAR CREEK ROAD SOUTH
STRUCTURE: 78' - 18" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	6.02	AC.
DESIGN DISCHARGE (Q50)	16.38	CFS
DESIGN DISCHARGE (Q100)	18.01	CFS
OVERTOPPING	1853.05	ELEV.
ALLOWABLE HEADWATER	1851.91	ELEV.
Q50 HEADWATER	1847.20	ELEV.
Q100 HEADWATER	1847.94	ELEV.
VELOCITY (Q50)	9.44	FT/S
VELOCITY (Q100)	10.29	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	11.62	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2	EACH



HINDS ROAD CULVERT STA. 45+95.00

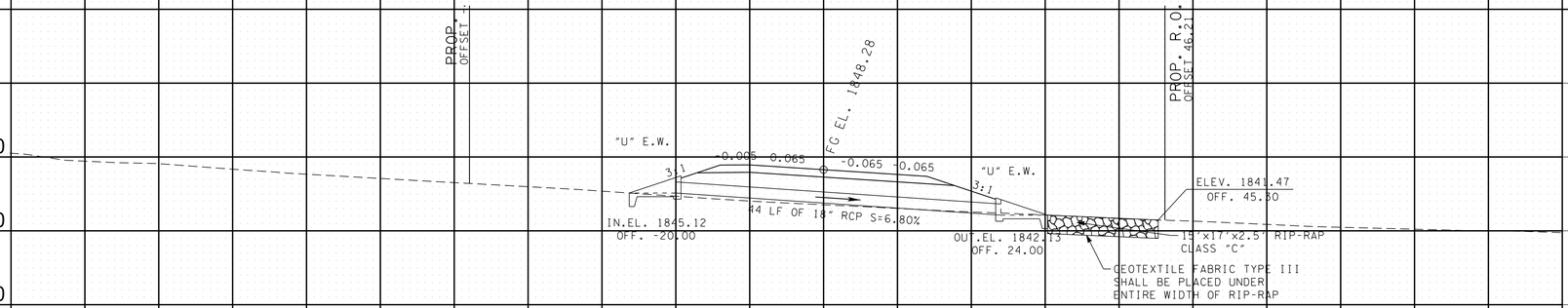
PIPE CULVERT
STATION: 45+95.00 HINDS ROAD
STRUCTURE: 35' - 42" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	13.78	AC.
DESIGN DISCHARGE (Q50)	34.32	CFS
DESIGN DISCHARGE (Q100)	37.70	CFS
OVERTOPPING	1831.06	ELEV.
ALLOWABLE HEADWATER	1829.04	ELEV.
Q50 HEADWATER	1829.80	ELEV.
Q100 HEADWATER	1830.10	ELEV.
VELOCITY (Q50)	7.05	FT/S
VELOCITY (Q100)	7.33	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL WITH GRATE (2)
STANDARD DRAWING NOS.: D-PE-42A & D-PE-42B

QUANTITIES:

CLASS "A" CONCRETE	6.06	C.Y.
STEEL BAR REINFORCING	522.00	LB.
BEDDING MATERIAL	12.00	C.Y.
ENDWALL ITEM NOS.: 611-07.66	2.00	EACH
STRUCTURAL STEEL	296.00	LB.



OLD ELMORE ROAD CULVERT STA. 27+50.00

PIPE CULVERT
STATION: 27+50.00 OLD ELMORE ROAD
STRUCTURE: 44' - 18" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	2.56	AC.
DESIGN DISCHARGE (Q50)	12.79	CFS
DESIGN DISCHARGE (Q100)	14.06	CFS
OVERTOPPING	1847.63	ELEV.
ALLOWABLE HEADWATER	1845.13	ELEV.
Q50 HEADWATER	1848.15	ELEV.
Q100 HEADWATER	1848.59	ELEV.
VELOCITY (Q50)	13.96	FT/S
VELOCITY (Q100)	14.26	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	6.56	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2	EACH

-100 -80 -60 -40 -20 0 20 40 60 80 100 120 140

PS&E FIELD REVIEW

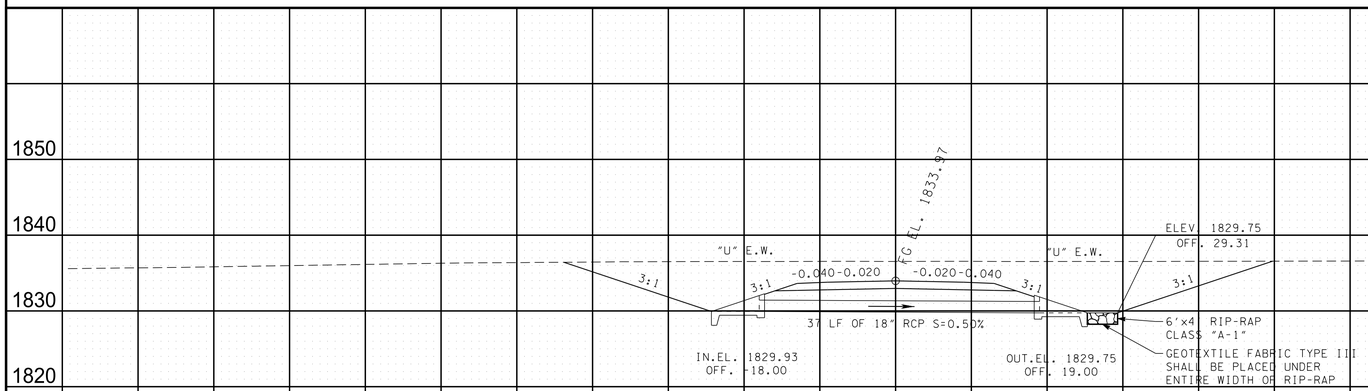
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

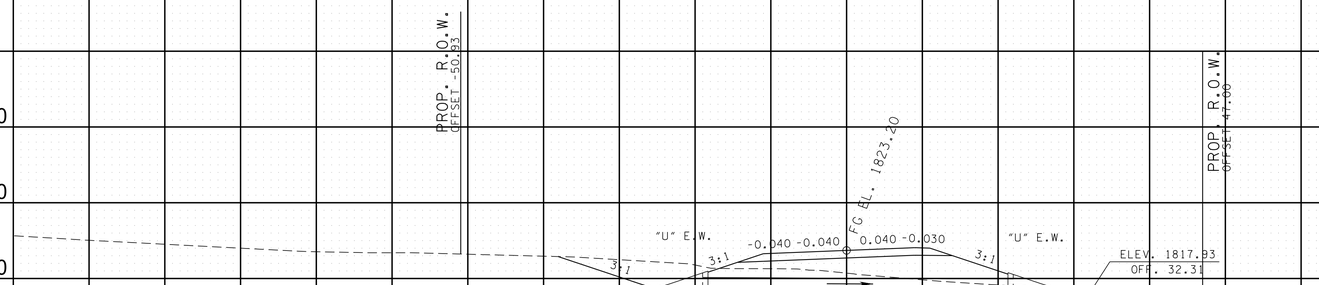
1/30/2026 2:22:53 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\058.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	55
ROW	2020	HPP/NH-28 (37)	59
PIH	2025	HPP/NH-28 (37)	59



WINDSWEPT DRIVE CULVERT STA. 89+14.00

PIPE CULVERT		
STATION: 89+14.00 WINSWEPT DRIVE		
STRUCTURE: 37' - 18" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	0.56	AC.
DESIGN DISCHARGE (Q50)	1.72	CFS
DESIGN DISCHARGE (Q100)	1.89	CFS
OVERTOPPING	1833.79	ELEV.
ALLOWABLE HEADWATER	1832.65	ELEV.
Q50 HEADWATER	1830.61	ELEV.
Q100 HEADWATER	1830.64	ELEV.
VELOCITY (Q50)	2.24	FT/S
VELOCITY (Q100)	2.35	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	5.51	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2	EACH



J.K. BOWMAN LANE CULVERT STA. 83+35.00

PIPE CULVERT		
STATION: 83+35.00 J.K. BOWMAN LANE		
STRUCTURE: 41' - 18" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	4.83	AC.
DESIGN DISCHARGE (Q50)	12.93	CFS
DESIGN DISCHARGE (Q100)	14.22	CFS
OVERTOPPING	1822.84	ELEV.
ALLOWABLE HEADWATER	1821.62	ELEV.
Q50 HEADWATER	1821.25	ELEV.
Q100 HEADWATER	1821.70	ELEV.
VELOCITY (Q50)	7.72	FT/S
VELOCITY (Q100)	8.33	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	6.11	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2.00	EACH

SHELBY ROAD CULVERT STA. 69+00.00

PIPE CULVERT		
STATION: 69+00.00 SHELBY ROAD		
STRUCTURE: 33' - 18" RCP		
SKEW	90°00'00"	DEG.
DRAINAGE AREA	2.22	AC.
DESIGN DISCHARGE (Q50)	5.44	CFS
DESIGN DISCHARGE (Q100)	5.98	CFS
OVERTOPPING	1835.35	ELEV.
ALLOWABLE HEADWATER	1834.25	ELEV.
Q50 HEADWATER	1832.97	ELEV.
Q100 HEADWATER	1833.05	ELEV.
VELOCITY (Q50)	5.47	FT/S
VELOCITY (Q100)	5.61	FT/S
ENDWALLS REQUIRED:		
TYPE "U" ENDWALL (2)		
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B		
QUANTITIES:		
CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	4.92	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2	EACH

PS&E FIELD REVIEW

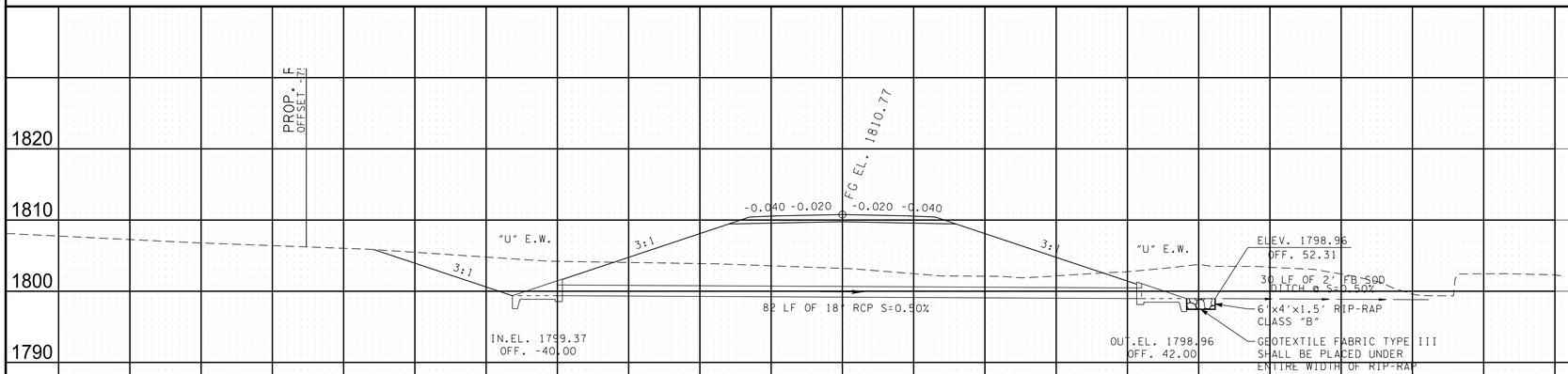
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

1/30/2026 2:22:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\059.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2017	HPP/NH-28 (37)	56
ROW	2020	HPP/NH-28 (37)	60
PIH	2025	HPP/NH-28 (37)	60



BEATY ROAD CULVERT STA. 122+50.00

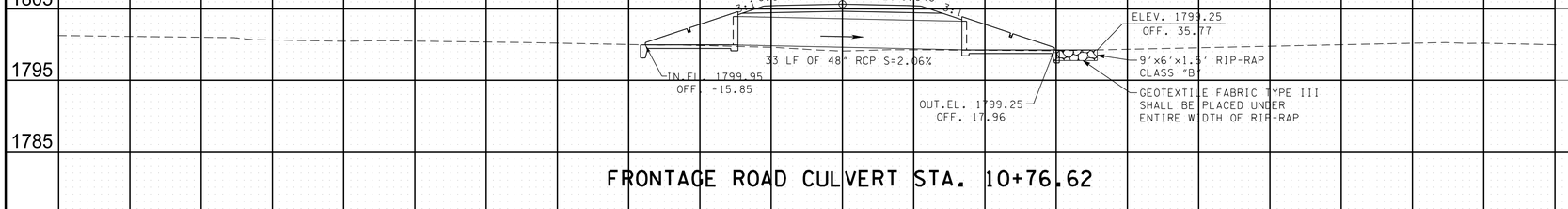
PIPE CULVERT
STATION: 122+50.00 BEATY ROAD
STRUCTURE: 82' - 18" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	2.78	AC.
DESIGN DISCHARGE (Q50)	5.94	CFS
DESIGN DISCHARGE (Q100)	6.54	CFS
OVERTOPPING	1810.59	ELEV.
ALLOWABLE HEADWATER	1809.45	ELEV.
Q50 HEADWATER	1800.91	ELEV.
Q100 HEADWATER	1801.00	ELEV.
VELOCITY (Q50)	5.09	FT/S
VELOCITY (Q100)	5.29	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-18A & D-PE-18B

QUANTITIES:

CLASS "A" CONCRETE	1.74	C.Y.
STEEL BAR REINFORCING	158.00	LB.
BEDDING MATERIAL	12.22	C.Y.
ENDWALL ITEM NOS.: 611-07.54	2.00	EACH



FRONTAGE ROAD CULVERT STA. 10+76.62

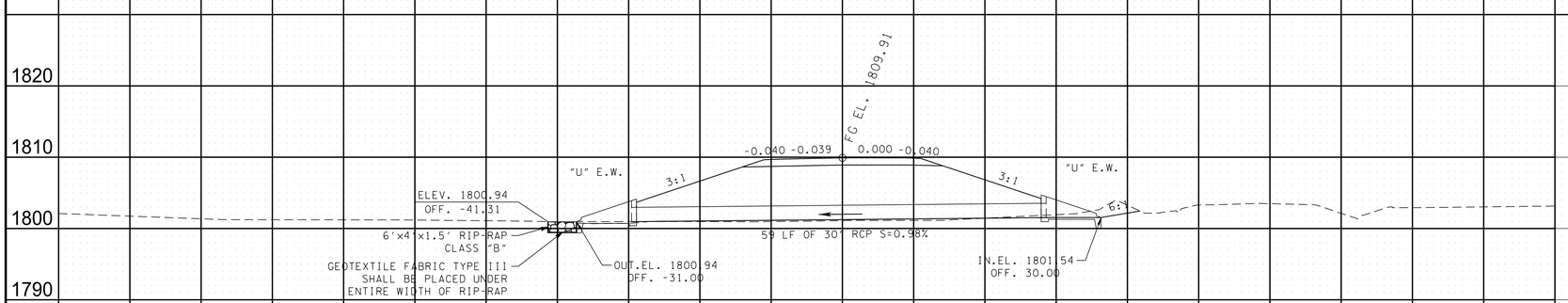
PIPE CULVERT
STATION: 10+76.00 FRONTAGE ROAD
STRUCTURE: 36' - 48" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	30.47	AC.
DESIGN DISCHARGE (Q50)	40.96	CFS
DESIGN DISCHARGE (Q100)	45.32	CFS
OVERTOPPING	1805.49	ELEV.
ALLOWABLE HEADWATER	1804.39	ELEV.
Q50 HEADWATER	1803.28	ELEV.
Q100 HEADWATER	1803.58	ELEV.
VELOCITY (Q50)	7.06	FT/S
VELOCITY (Q100)	7.36	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL WITH GRATE (2)
STANDARD DRAWING NOS.: D-PE-48A & D-PE-48B

QUANTITIES:

CLASS "A" CONCRETE	7.58	C.Y.
STEEL BAR REINFORCING	666.00	LB.
BEDDING MATERIAL	13.60	C.Y.
ENDWALL ITEM NOS.: 611-07.69	2.00	EACH
STRUCTURAL STEEL	334.00	LB.



ATKINS ROAD CULVERT STA. 101+25.00

PIPE CULVERT
STATION: 101+25.00 ATKINS ROAD
STRUCTURE: 61' - 30" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	5.79	AC.
DESIGN DISCHARGE (Q50)	12.91	CFS
DESIGN DISCHARGE (Q100)	14.25	CFS
OVERTOPPING	1807.73	ELEV.
ALLOWABLE HEADWATER	1806.63	ELEV.
Q50 HEADWATER	1804.65	ELEV.
Q100 HEADWATER	1805.11	ELEV.
VELOCITY (Q50)	7.71	FT/S
VELOCITY (Q100)	8.35	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-30A & D-PE-30B

QUANTITIES:

CLASS "A" CONCRETE	3.68	C.Y.
STEEL BAR REINFORCING	348.00	LB.
BEDDING MATERIAL	14.58	C.Y.
ENDWALL ITEM NOS.: 611-07.60	2	EACH

-120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140

PS&E
FIELD
REVIEW

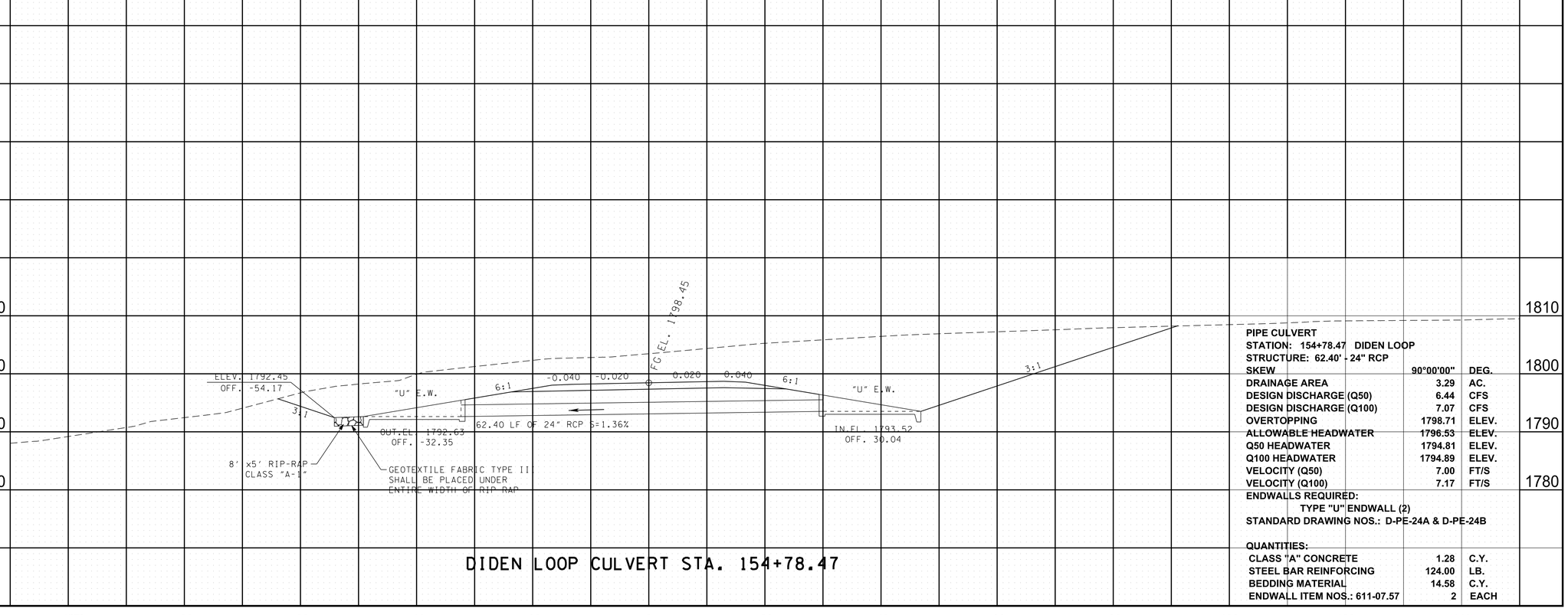
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
SECTION

1/30/2026 2:22:55 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\060.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	61
PIH	2025	HPP/NH-28 (37)	61



DIDEN LOOP CULVERT STA. 154+78.47

PIPE CULVERT
STATION: 154+78.47 DIDEN LOOP
STRUCTURE: 62.40' - 24" RCP

SKEW	90°00'00"	DEG.
DRAINAGE AREA	3.29	AC.
DESIGN DISCHARGE (Q50)	6.44	CFS
DESIGN DISCHARGE (Q100)	7.07	CFS
OVERTOPPING	1798.71	ELEV.
ALLOWABLE HEADWATER	1796.53	ELEV.
Q50 HEADWATER	1794.81	ELEV.
Q100 HEADWATER	1794.89	ELEV.
VELOCITY (Q50)	7.00	FT/S
VELOCITY (Q100)	7.17	FT/S

ENDWALLS REQUIRED:
TYPE "U" ENDWALL (2)
STANDARD DRAWING NOS.: D-PE-24A & D-PE-24B

QUANTITIES:

CLASS "A" CONCRETE	1.28	C.Y.
STEEL BAR REINFORCING	124.00	LB.
BEDDING MATERIAL	14.58	C.Y.
ENDWALL ITEM NOS.: 611-07.57	2	EACH

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
SECTION

1/30/2026 2:22:56 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\061.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	62
PIH	2025	HPP/NH-28 (37)	62

SUBSECTION 3 – EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

DISTURBED AREA

(1) IF DISTURBED ACREAGE IS EQUAL TO ONE ACRE OR MORE, PLEASE CONTACT TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION AS SOON AS POSSIBLE BECAUSE AN NPDES PERMIT WILL BE REQUIRED.

(2) AREAS TO BE UNDISTURBED SHALL BE CLEARLY MARKED IN THE FIELD BEFORE CONSTRUCTION ACTIVITIES BEGIN.

(3) UNLESS OTHERWISE NOTED IN THE PLANS, THE CONTRACTOR SHALL NOT CLEAR/DISTURB ANY AREA BEYOND 15 FEET FROM SLOPE LINES.

(4) PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED (I.E. CLEARING AND GRUBBING INITIATED) MORE THAN 14 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING ACTIVITIES UNLESS THE AREA IS MULCHED, SEEDED WITH MULCH, OR OTHER TEMPORARY COVER IS APPLIED.

(5) 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.

SEDIMENT CONTROL

(6) EPSC MEASURES SHALL BE INSTALLED AND FUNCTIONAL PRIOR TO ANY EARTH MOVING OPERATIONS AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES.

(7) TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY BUT MUST BE REINSTALLED AT THE END OF THE WORKDAY OR BEFORE/DURING A PRECIPITATION EVENT.

(8) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFFSITE 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 GENERAL PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFFSITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFFSITE 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 NEGOTIATED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT.

(9) 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.

(10) 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 PHYSICAL AND/OR CHEMICAL TREATMENT WILL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES AND FULLY DESCRIBED IN THE EPSC PLANS. WATER DISCHARGED SHALL NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING NATURAL RESOURCE. WATER MUST BE HELD IN SETTLING BASINS UNTIL AT LEAST AS CLEAR AS THE RECEIVING WATERS. SETTLING BASINS SHALL NOT BE LOCATED CLOSER THAN 20 FEET FROM THE TOP BANK OF A STREAM. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED ACCORDING TO 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. DISCHARGES FROM BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT. DISCHARGES MUST NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITH THE RECEIVING STREAM.

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.

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) LEGEND &
TABULATION

IB-17-11
1/30/2026 2:22:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\062.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	62A

TABULATED EPSC QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	STAGE I QUANTITY 18008-3227-14	STAGE II QUANTITY 18008-3227-14	STAGE III QUANTITY 18008-3227-14	TOTAL QUANTITY
6	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	794			794
	209-02.07	18" TEMPORARY SLOPE DRAIN	L.F.	567	299		866
	209-02.08	24" TEMPORARY SLOPE DRAIN	L.F.	316	1256	165	1737
	209-02.09	30" TEMPORARY SLOPE DRAIN	L.F.	340	335		675
	209-02.12	48" TEMPORARY SLOPE DRAIN	L.F.		112		112
1	209-05	SEDIMENT REMOVAL	C.Y.	1415	124	140	1679
	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	5742	1760		7502
	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	13055			13055
	209-08.07	ROCK CHECK DAM	EACH		35		35
	209-08.08	ENHANCED ROCK CHECK DAM	EACH	18	10	6	34
	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	4			4
2	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	68	243	13	324
	621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.		88		88
	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	5742	194		5936
3,5	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	196			196
2,5	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	364	1758	69	2191
2,3,4	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	1198	3609	162	4969
	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	23014			23014
	740-11.04	TEMPORARY SEDIMENT TUBE 20IN	L.F.	172	1576		1748
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	1814	158	174	2146
	801-03	WATER (SEEDING & SODDING)	M.G.	182	16	18	216
	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.		38865	9671	48536

FOOTNOTES

(1) BASED ON 49.26 ACRES OF DISTURBED AREA. CALCULATED BY METHOD IN SECTION 10.04.6.2 IN DRAINAGE MANUAL.
(2) USED FOR CULVERT PROTECTION TYPE 1.
(3) USED FOR TEMPORARY CONSTRUCTION EXITS.
(4) USED FOR TEMPORARY DIVERSION CHANNEL.
(5) TO BE USED ONLY AS DIRECTED BY PROJECT ENGINEER.
(6) USED FOR TEMPORARY BERM.

ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.

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
	TEMPORARY BERM	EC-STR-27
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	ENHANCED ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	CULVERT PROTECTION (TYPE 2)	EC-STR-11A
1. TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
✱ HVF ✱ HVF ✱	HIGH VISIBILITY FENCE	S-F-1
✱✱TUBE 20"✱✱TUBE 20"✱✱	20 INCH SEDIMENT TUBE	EC-STR-37
	EROSION CONTROL BLANKET	EC-STR-34
SFB✱ SFB✱ SFB✱ SFB✱	SEDIMENT FILTER BAG	EC-STR-2

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

IB-17-11
1/30/2026 2:23:42 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\062A.sht

STAGE 1				
OUTFALL	SUB-OUTFALL	AREA (AC)	UNDISTURBED AREA	AVERAGE SLOPE
101		11.81		3.0%
	101A	0.64		4.9%
	101B	2.57		2.1%
	101C	8.60		3.1%
102		0.19		6.2%
103		0.25		7.6%
104		4.83	3.59	2.7%
105		4.22		3.8%
	105A	0.98		4.6%
	105B	2.54		3.4%
	105C	0.66		3.6%
	105D	0.04		8.2%
106		3.47		3.6%
107		12.01	10.44	3.4%
	107A	10.44	10.44	3.3%
	107B	1.57		3.8%
	107C	2.60		3.7%
108		25.33	20.81	2.6%
	108A	0.68		6.0%
	108B	0.51		3.2%
	108C	24.14	20.81	2.5%
109		9.89	4.02	2.4%
110		5.88		4.4%
111		6.15	3.70	6.0%
112		0.90		0.5%
113		3.19		3.0%
114		6.73	2.29	3.9%
	114A	2.29	2.29	5.4%
	114B	1.99		3.5%
	114C	2.45		2.7%
115		15.64	7.97	4.8%
	115A	4.78		5.7%
	115B	8.85	7.97	4.5%
	115C	1.03		3.9%
	115D	0.98		3.9%
116		8.45		3.3%
117		11.10	5.71	3.9%
	117A	5.71	5.71	4.4%
	117B	1.95		3.6%
	117C	3.44		3.2%
118		1.97		4.8%
119		6.25	1.35	2.2%
120		7.27		3.3%
121		3.73		7.6%
122		2.08		6.0%

STAGE 2				
OUTFALL	SUB-OUTFALL	AREA (AC)	UNDISTURBED AREA	AVERAGE SLOPE
101		12.89		2.5%
	101A	0.37		2.1%
	101C	8.60		3.1%
	101D	0.47		2.3%
	101E	3.45		1.0%
102		0.35		1.2%
103		1.42		2.4%
104		4.83	3.59	2.7%
105		4.22		3.8%
	105A	0.98		4.6%
	105B	2.54		3.4%
	105C	0.66		3.6%
	105D	0.04		8.2%
106		2.15		2.9%
107		16.25	10.44	3.4%
	107A	10.44	10.44	3.3%
	107B	2.86		4.1%
	107C	0.92		3.8%
	107D	1.41		2.2%
	107E	0.62		4.4%
108		26.08	20.37	2.8%
	108A	0.94		7.4%
	108D	7.57	7.57	2.5%
	108E	2.31		3.2%
	108F	0.55		3.2%
	108G	12.80	12.80	2.5%
	108H	1.91		3.2%
109		12.34	4.45	4.8%
110		4.88		4.2%
111		9.00	3.70	2.1%
113		0.99		3.0%
114		9.50	2.29	3.1%
	114A	2.29	2.29	5.4%
	114B	4.40		1.3%
	114C	0.62		1.9%
	114D	1.75		1.3%
	114E	0.44		2.0%
115		30.89	14.32	3.8%
	115A	5.12		5.7%
	115B	7.97	7.97	4.5%
	115C	0.29		1.1%
	115E	0.23		0.8%
	115F	0.06		1.0%
	115G	4.16		2.6%
	115H	3.87		2.2%
	115I	2.50		0.8%
	115J	0.34		0.8%
	115K	6.35	6.35	4.7%
116		0.31		4.8%
117		12.76		3.0%
	117A	5.71	5.71	4.4%
	117B	0.87		3.6%
	117C	2.01		3.2%
	117D	1.32		3.1%
	117E	2.85		
118		1.97		4.8%
119		3.93	1.98	4.0%
120		7.41		3.3%
121		4.16		7.6%
122		1.28		6.0%
123		1.63		3.1%
124		1.37		3.5%
125		5.18		1.6%
126		2.60		0.7%
127		0.09		8.0%

STAGE 2				
OUTFALL	SUB-OUTFALL	AREA (AC)	UNDISTURBED AREA	AVERAGE SLOPE
128		14.83	12.35	3.5%
	128A	4.62	4.62	0.8%
	128B	0.49		0.6%
	128C	0.61		3.9%
	128D	0.47		2.8%
	128E	7.73	7.73	5.3%
	128F	0.56		3.3%
	128G	0.35		4.6%

STAGE 3				
OUTFALL	SUB-OUTFALL	AREA (AC)	UNDISTURBED AREA	AVERAGE SLOPE
101		14.58		2.7%
	101A	0.37		2.1%
	101C	7.30		3.1%
	101D	0.47		2.3%
	101E	1.98		1.0%
	101F	4.46		3.0%
102		0.35		1.2%
103		1.42		2.4%
105		4.22		3.8%
	105A	0.98		4.6%
	105B	2.54		3.4%
	105C	0.66		3.6%
	105D	0.04		8.2%
106		2.15		2.9%
107		16.25	10.44	3.4%
	107A	10.44	10.44	3.3%
	107B	2.86		4.1%
	107C	0.92		3.8%
	107D	1.41		2.2%
	107E	0.62		4.4%
108		26.08	20.37	2.8%
	108A	0.94		7.4%
	108D	7.57	7.57	2.5%
	108E	2.31		3.2%
	108F	0.55		3.2%
	108G	12.80	12.80	2.5%
	108H	1.91		3.2%
109		12.34	4.45	4.8%
110		4.88		4.2%
111		9.00	3.70	2.1%
113		0.99		3.0%
114		9.50	2.29	3.1%
	114A	2.29	2.29	5.4%
	114B	4.48		1.3%
	114C	0.54		1.9%
	114D	1.75		1.3%
	114E	0.44		2.0%
115		30.89	14.32	3.8%
	115A	5.12		5.7%
	115B	7.97	7.97	4.5%
	115C	0.29		1.1%
	115E	0.23		0.8%
	115F	0.06		1.0%
	115G	4.16		2.6%
	115H	3.87		2.2%
	115I	2.50		0.8%
	115J	0.34		0.8%
	115K	6.35	6.35	4.7%

STAGE 3				
OUTFALL	SUB-OUTFALL	AREA (AC)	UNDISTURBED AREA	AVERAGE SLOPE
116		0.31		4.8%
117		13.23		2.9%
	117A	5.71	5.71	4.4%
	117B	0.87		3.6%
	117C	2.01		3.2%
	117D	1.32		3.1%
	117E	3.32		
118		0.66		4.8%
119		3.93	1.98	4.0%
120		7.41		3.3%
121		4.16		7.6%
122		1.28		6.0%
123		1.63		3.1%
124		1.37		3.5%
125		5.18		1.6%
126		2.60		0.7%
127		0.09		8.0%
128		14.83	12.35	3.5%
	128A	4.62	4.62	0.8%
	128B	0.49		0.6%
	128C	0.61		3.9%
	128D	0.47		2.8%
	128E	7.73	7.73	5.3%
	128F	0.56		3.3%
	128G	0.35		4.6%
129		6.91	3.59	2.3%

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	62B

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) PLANS

IB-17.11
1/30/2026 2:23:59 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\062B.sht

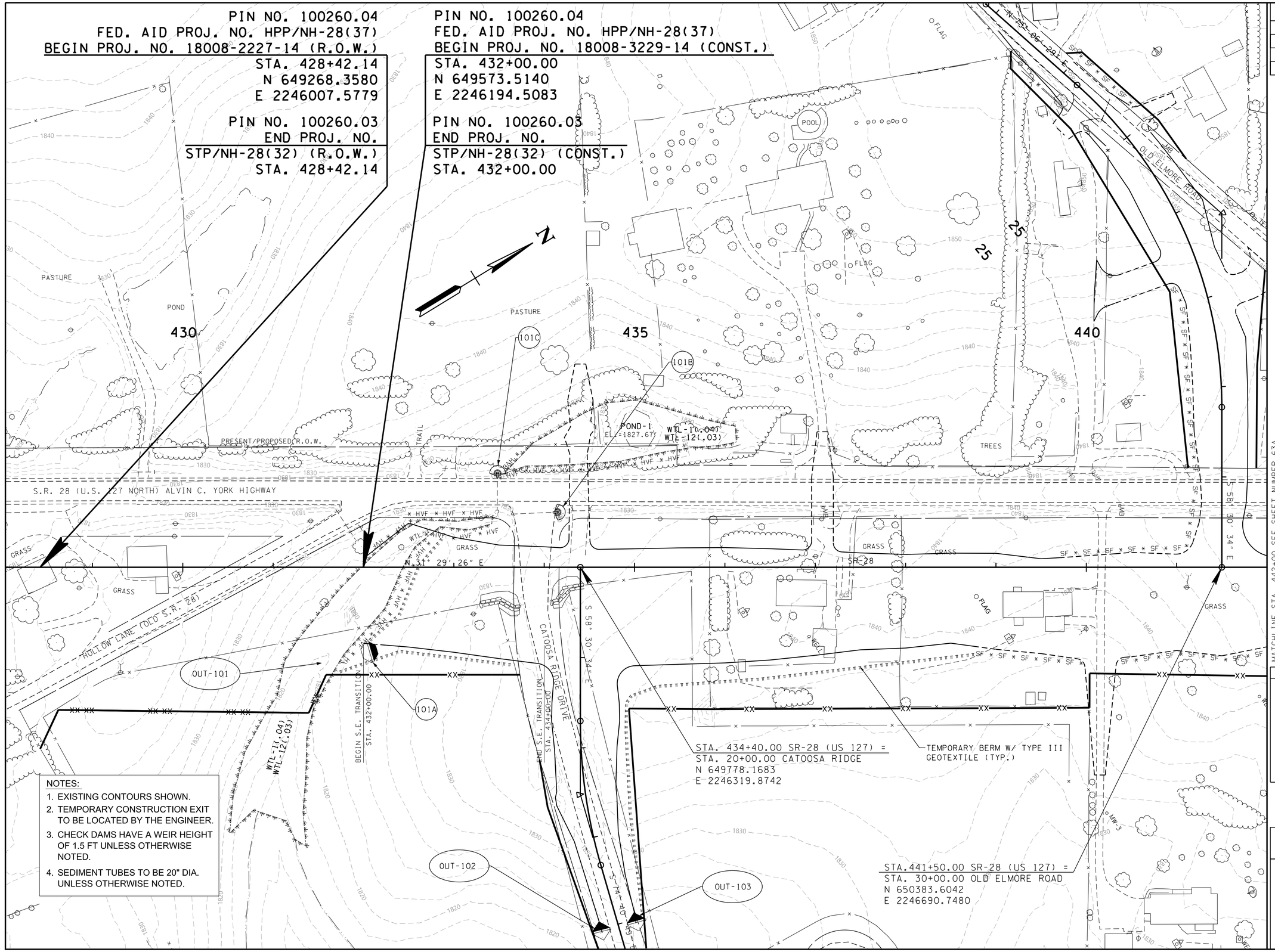
PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (38)	63
PIH	2025	HPP/NH-28 (37)	63



NOTES:
1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

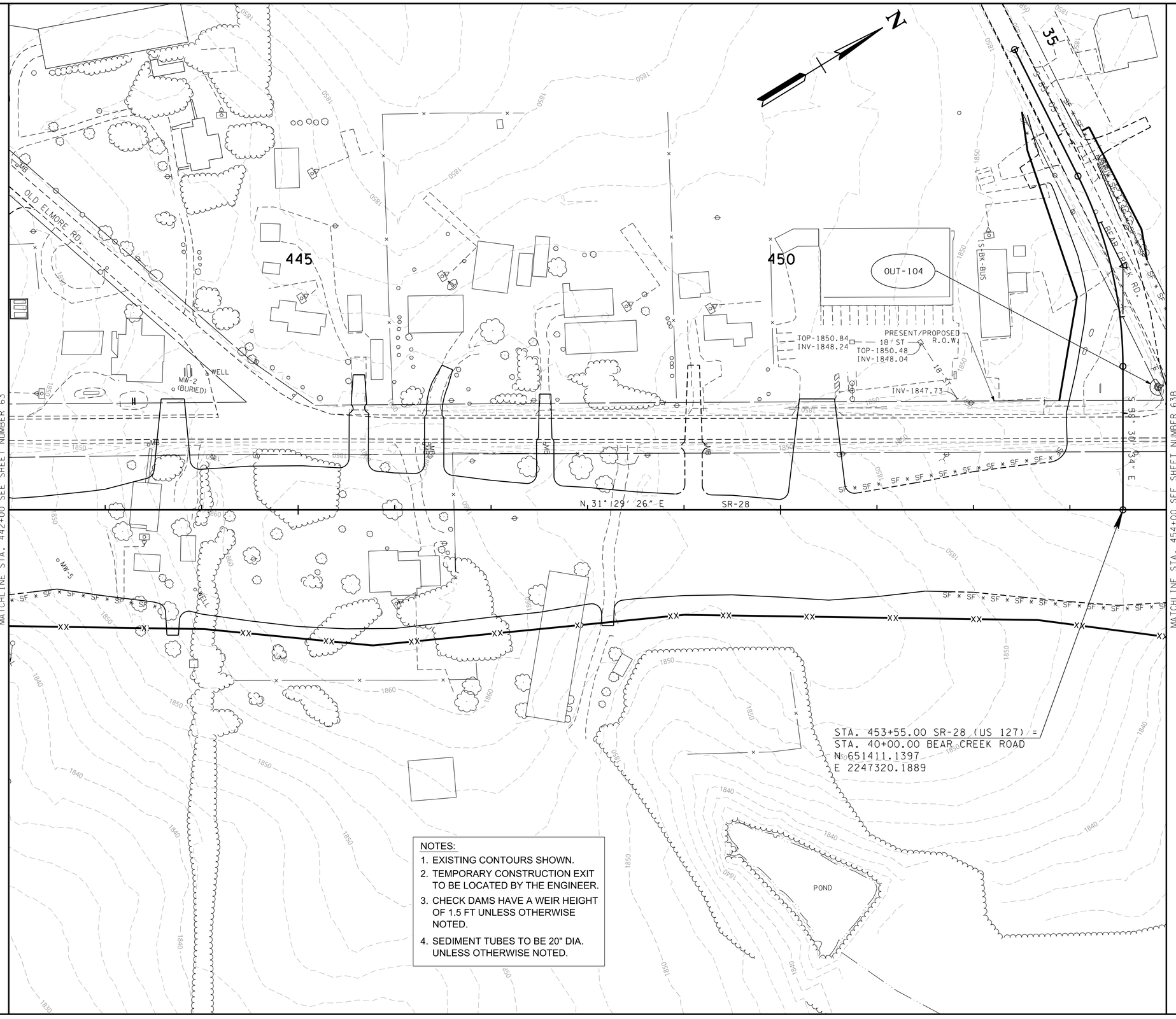
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 1

BEGIN PROJ. TO STA. 442+00
SCALE: 1"= 50'

1/30/2026 2:24:48 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63A
PIH	2025	HPP/NH-28 (37)	63A



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

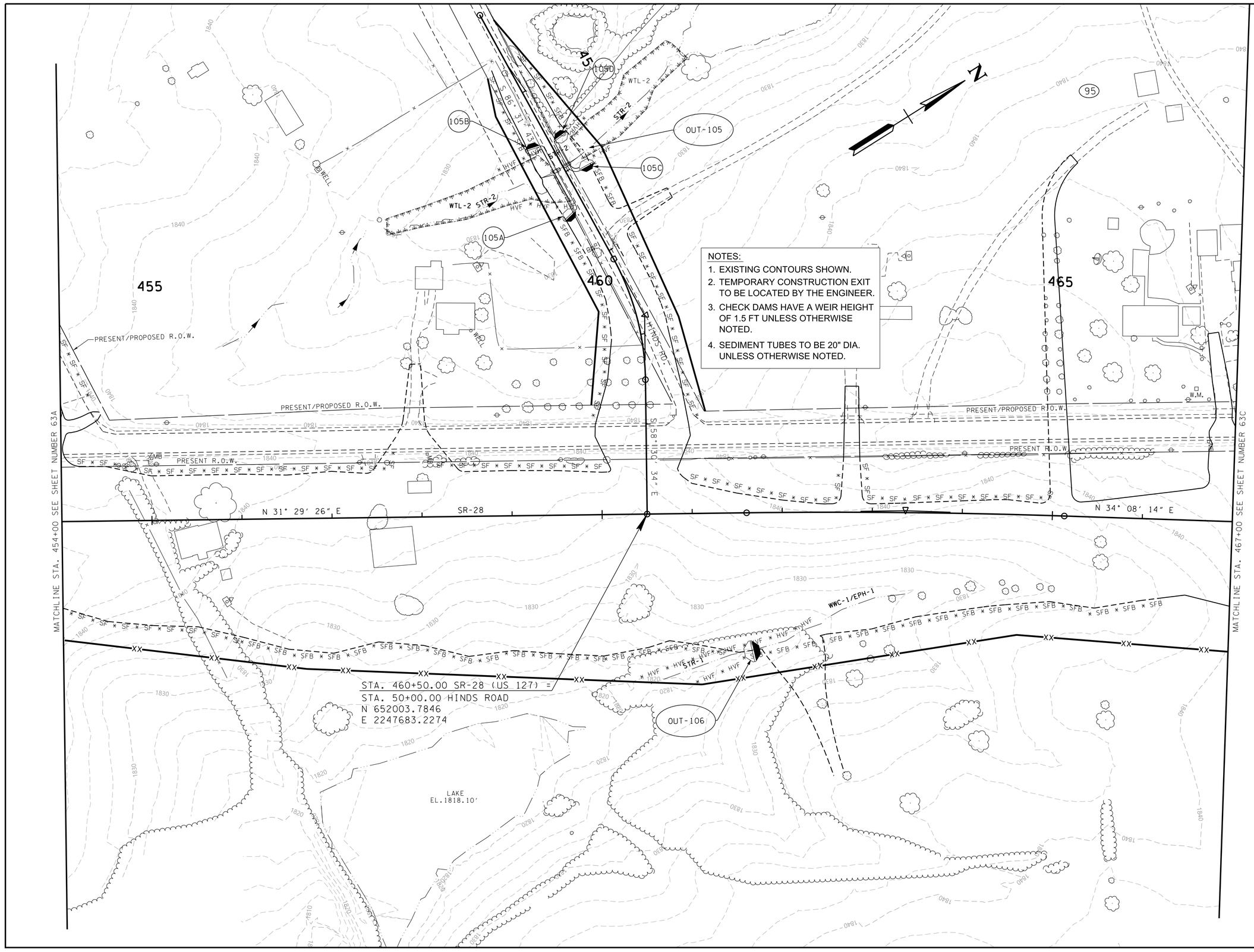
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 1

STA. 442+00 TO STA. 445+00
SCALE: 1"= 50'

1/30/2026 2:24:49 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63B
PIH	2025	HPP/NH-28 (37)	63B



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

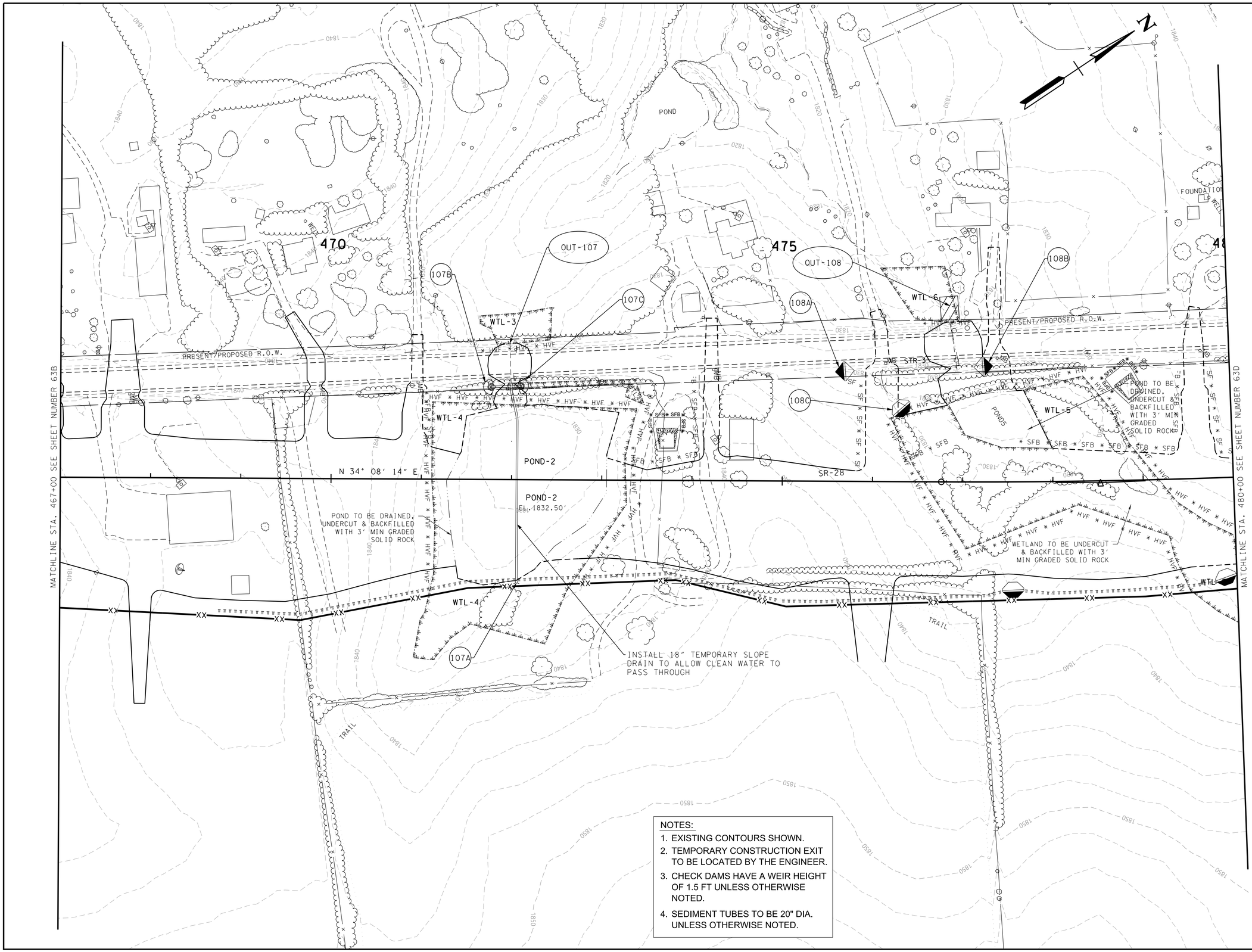
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 1

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:24:50 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63C
PIH	2025	HPP/NH-28 (37)	63C



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

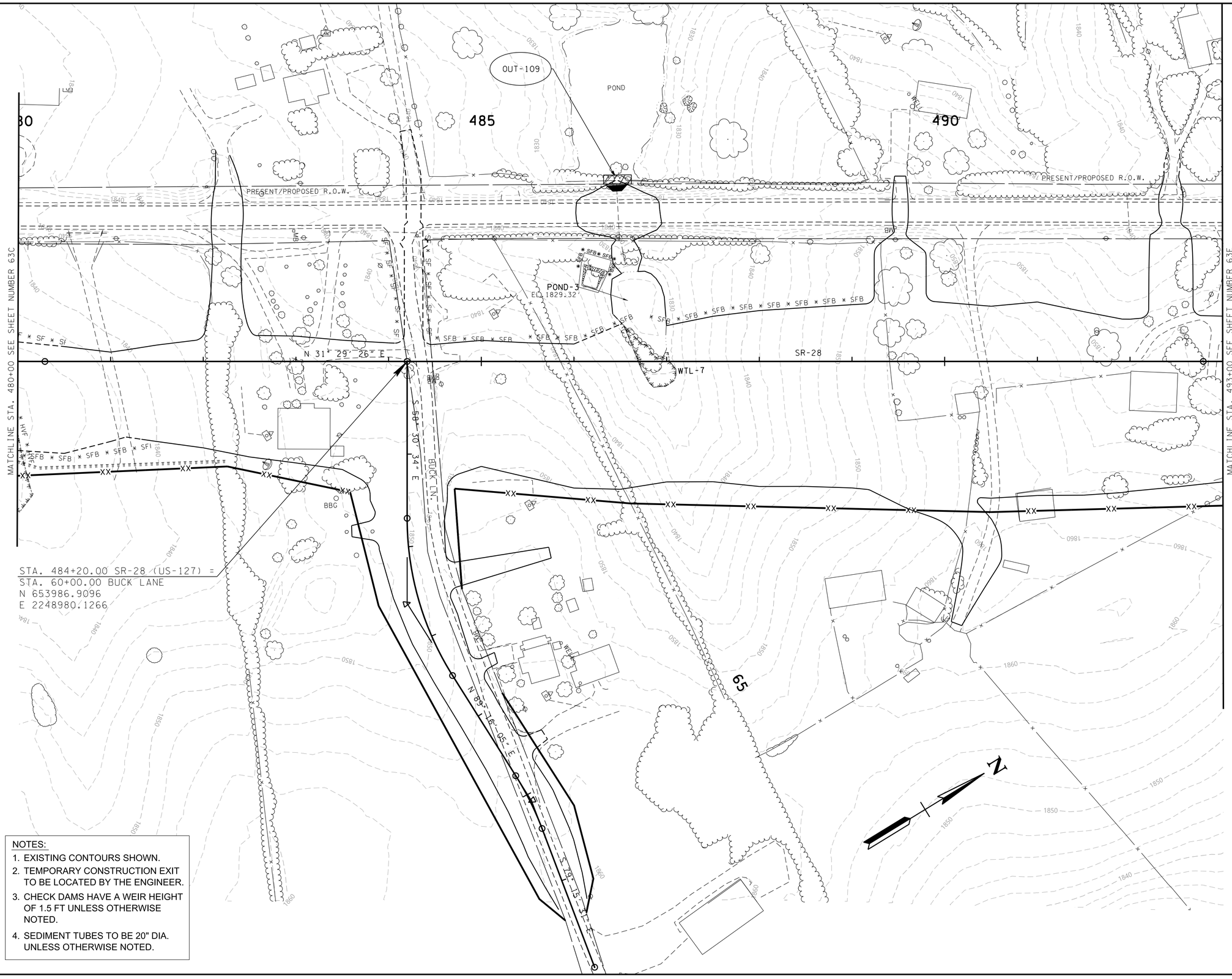
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 1

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:24:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63D
PIH	2025	HPP/NH-28 (37)	63D



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

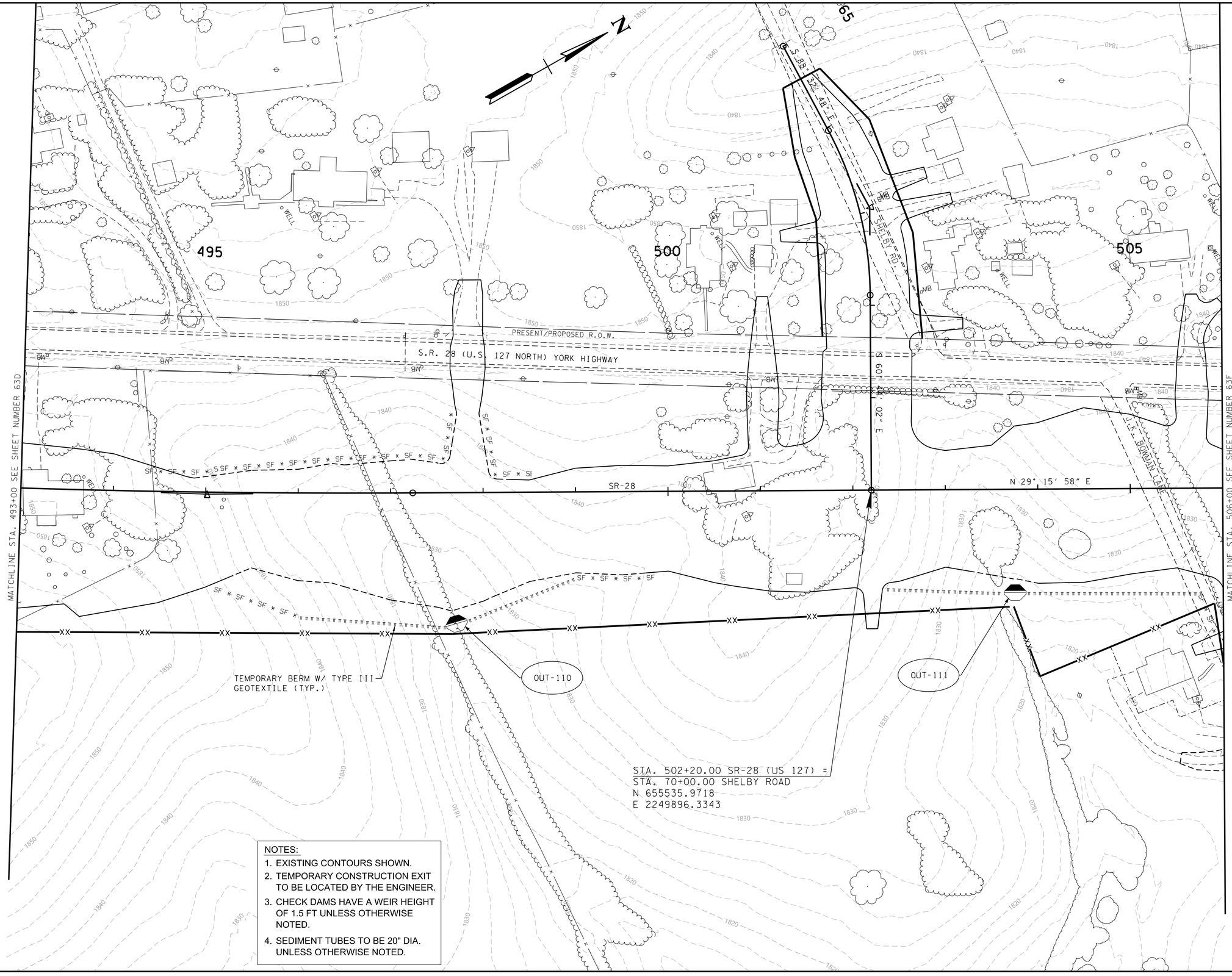
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 1

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:24:52 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063D.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63E
PIH	2025	HPP/NH-28 (37)	63E



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

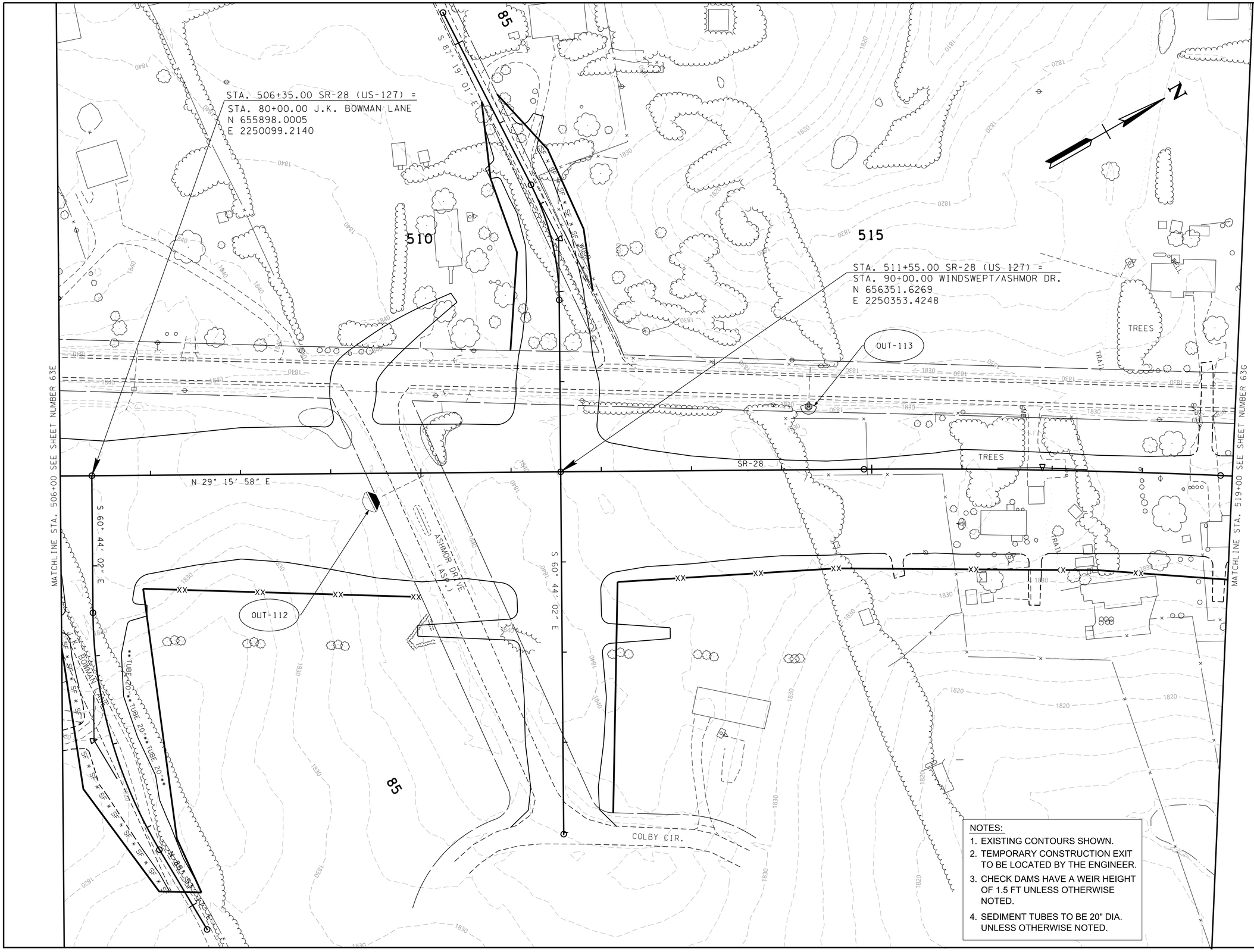
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 1

STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

1/30/2026 2:24:53 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063E.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63F
PIH	2025	HPP/NH-28 (37)	63F



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

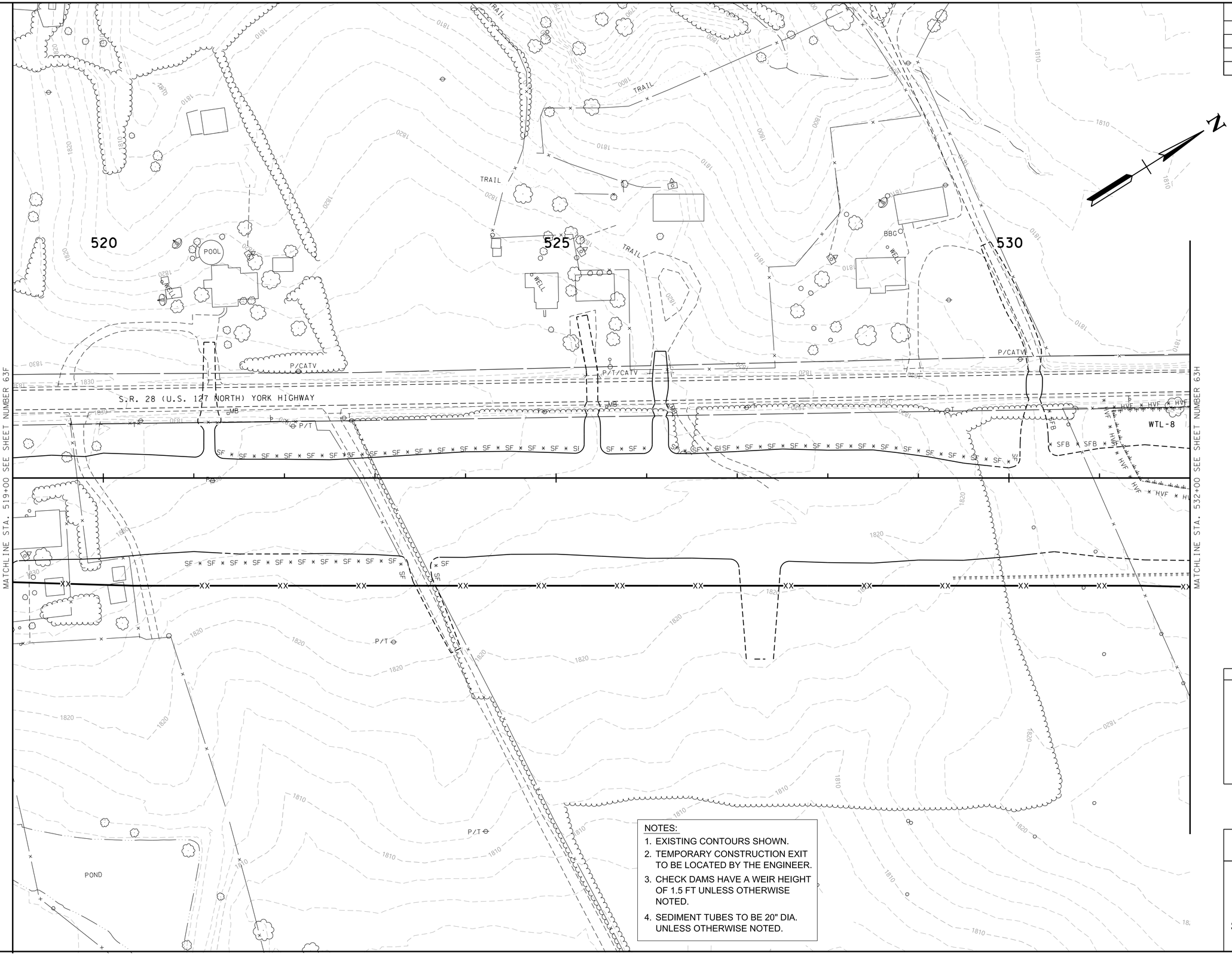
EPSC PLANS
STAGE 1

STA. 506+00 TO STA. 519+00
SCALE: 1"= 50'

NOTES:
1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

1/30/2026 2:24:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063F.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63G
PIH	2025	HPP/NH-28 (37)	63G



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 1

STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:24:55 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063G.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63H
PIH	2025	HPP/NH-28 (37)	63H

NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

POND

535

540

54

OUT-114

114B

114C

114A

WTL-8

WTL-8

WTL-9

PRESENT/PROPOSED R.O.W.

S.R. 28

SR-28

N 2° 13' 57" E

WELL

BLDG

BLDG

INSTALL 24" TEMPORARY SLOPE DRAIN TO ALLOW CLEAN WATER TO PASS THROUGH

MATCHLINE STA. 532+00 SEE SHEET NUMBER 63G

MATCHLINE STA. 545+00 SEE SHEET NUMBER 63J

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

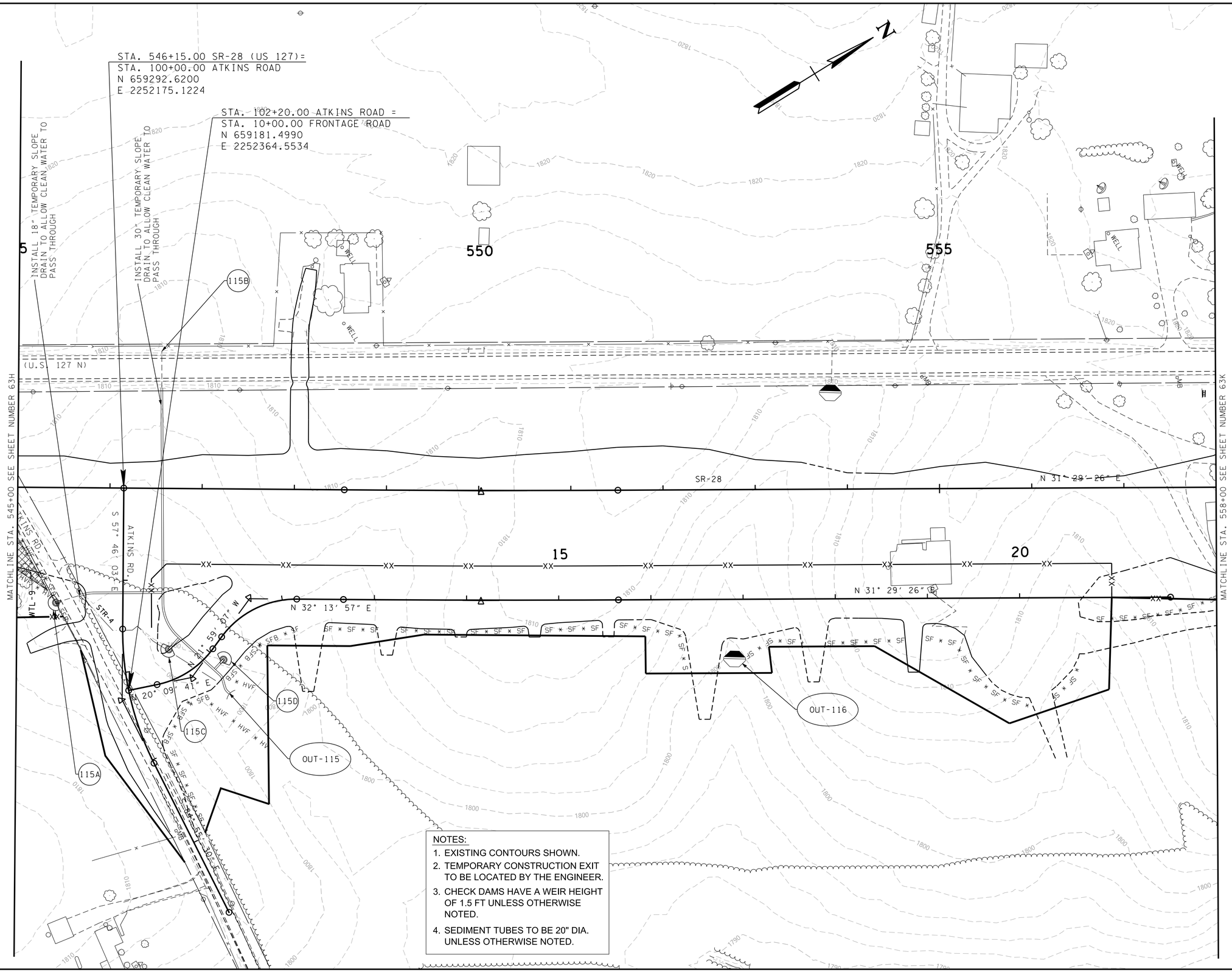
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 1

STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:24:56 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063H.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63J
PIH	2025	HPP/NH-28 (37)	63J



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 1

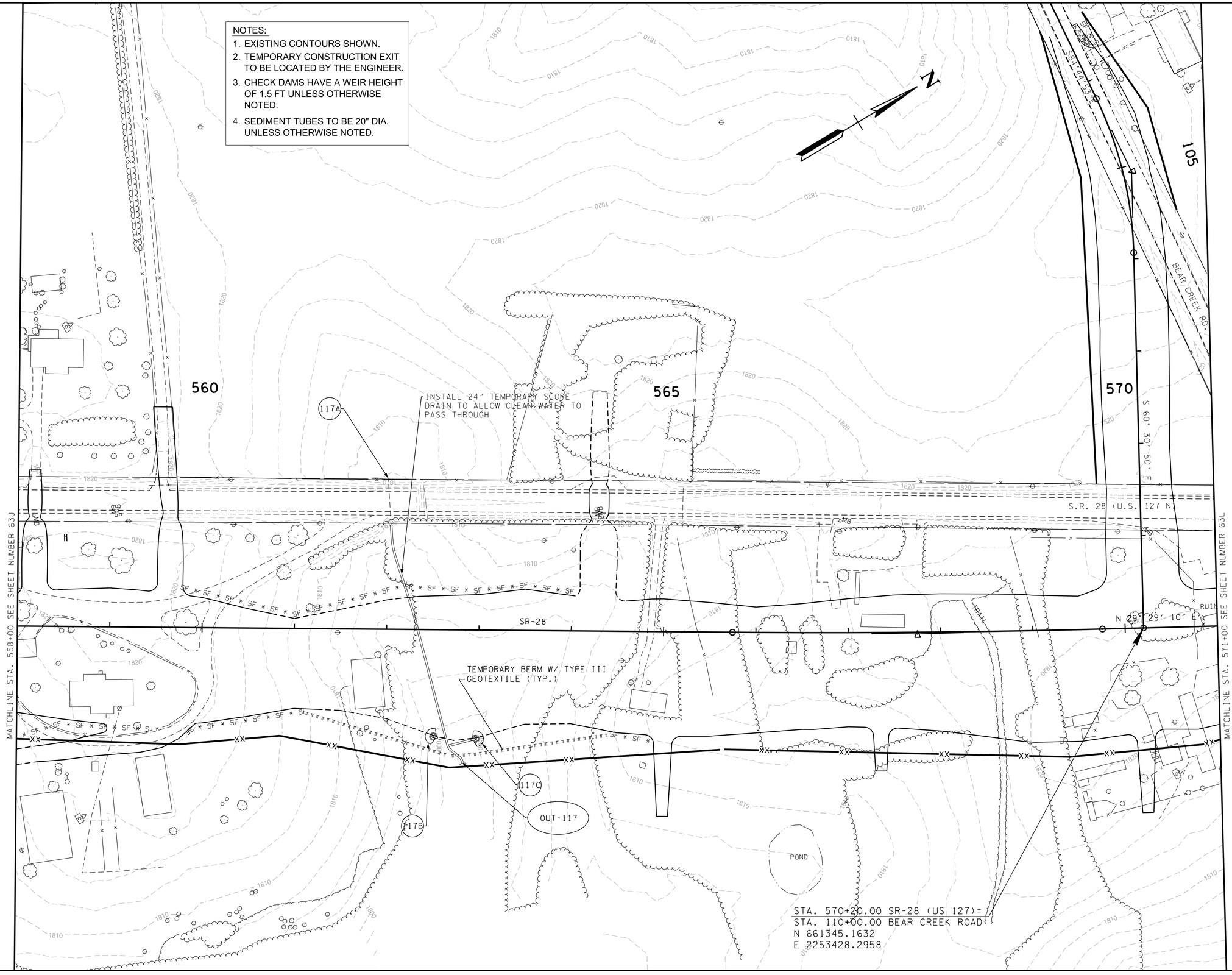
STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:24:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063J.sht

NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63K
PIH	2025	HPP/NH-28 (37)	63K



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 1

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

1/30/2026 2:24:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063K.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63L
PIH	2025	HPP/NH-28 (37)	63L

MATCHLINE STA. 571+00 SEE SHEET NUMBER 63K

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER 63M

OUT-118

575

PRESENT/PROPOSED R.O.W.

WTL-10

S.R. 28 (U.S. 127 N)

S 64° 54' 41" E

S 58° 30' 34" E

BEATY RD.

N 29° 29' 10" E

SR-28

N 31° 29' 26" E

WELL

POND-4

EL. 1802.10'

OUT-119

WC-4/EPH-4

STA. 574+40.00 SR-28 (US 127)=
STA. 120+00.00 BEATY ROAD
N 661710.6723
E 2253635.1842

POND TO BE DRAINED, UNDERCUT & BACKFILLED WITH 3' MIN GRADED SOLID ROCK

125

STA. 581+08.18 SR-28 (US 127) =
STA. 130+00.00 BUTTERNUT RIDGE ROAD
N 662398.5212
E 2254050.7663

EQUATION:
STA. 581+35.50 BK =
STA. 580+00.00 AH

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

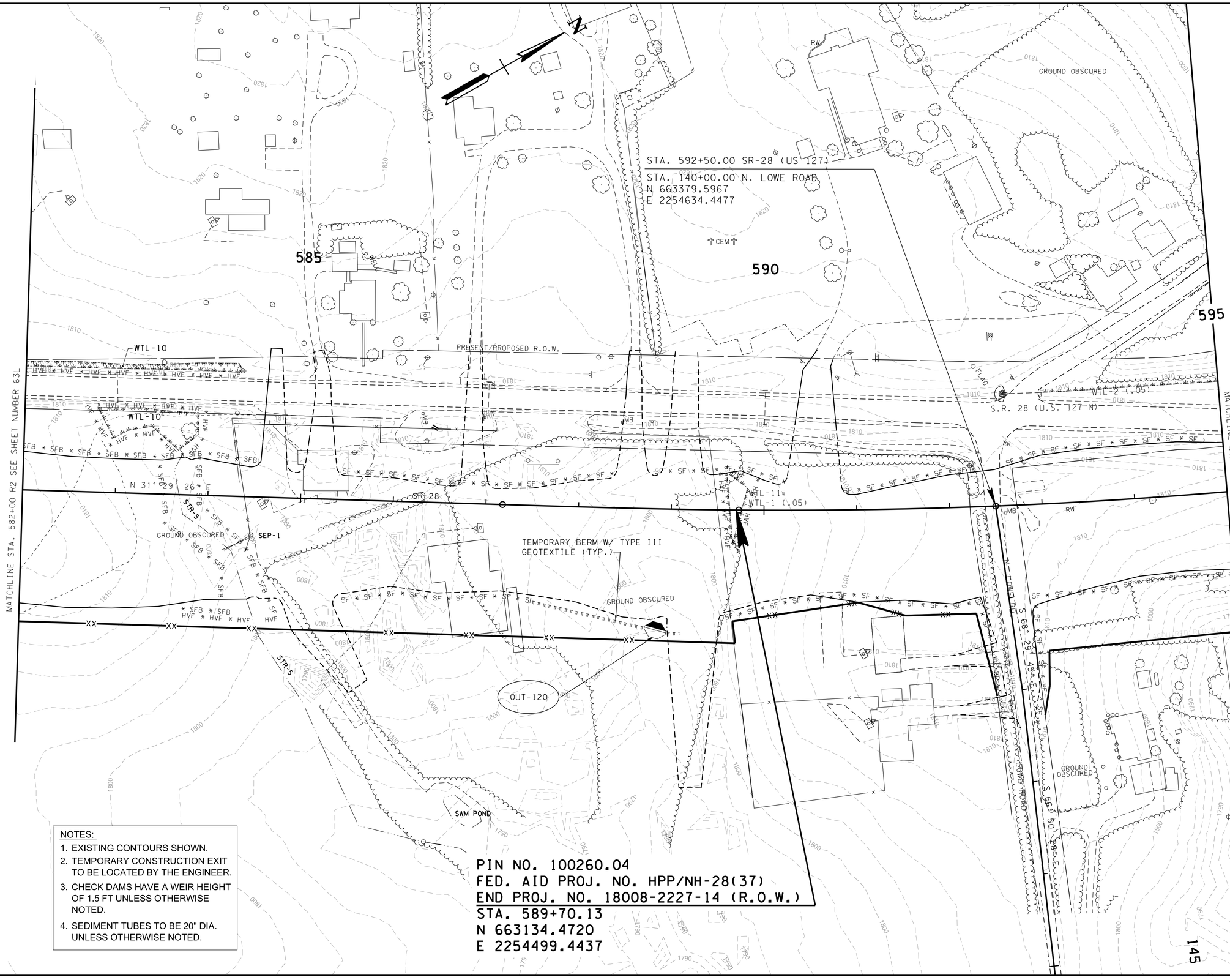
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 1

STA. 571+00 TO STA. 582+00 R2
SCALE: 1"= 50'

1/30/2026 2:24:59 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063L.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63M
PIH	2025	HPP/NH-28 (37)	63M



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

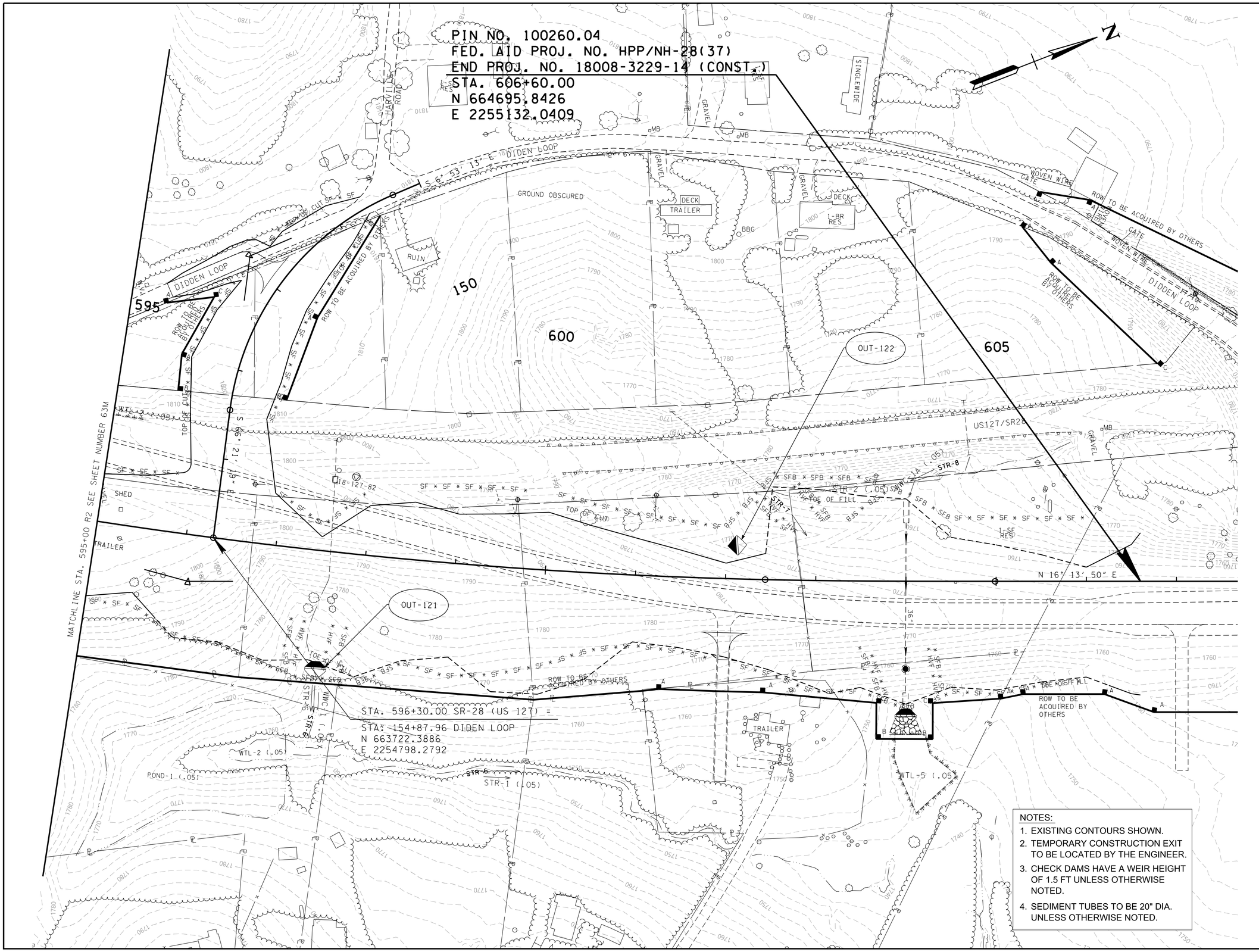
EPSC PLANS
STAGE 1

STA. 582+00 R2 TO STA. 595+00
SCALE: 1"= 50'

145

1/30/2026 2:25:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063M.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	63N
PIH	2025	HPP/NH-28 (37)	63N



NOTES:

1. EXISTING CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

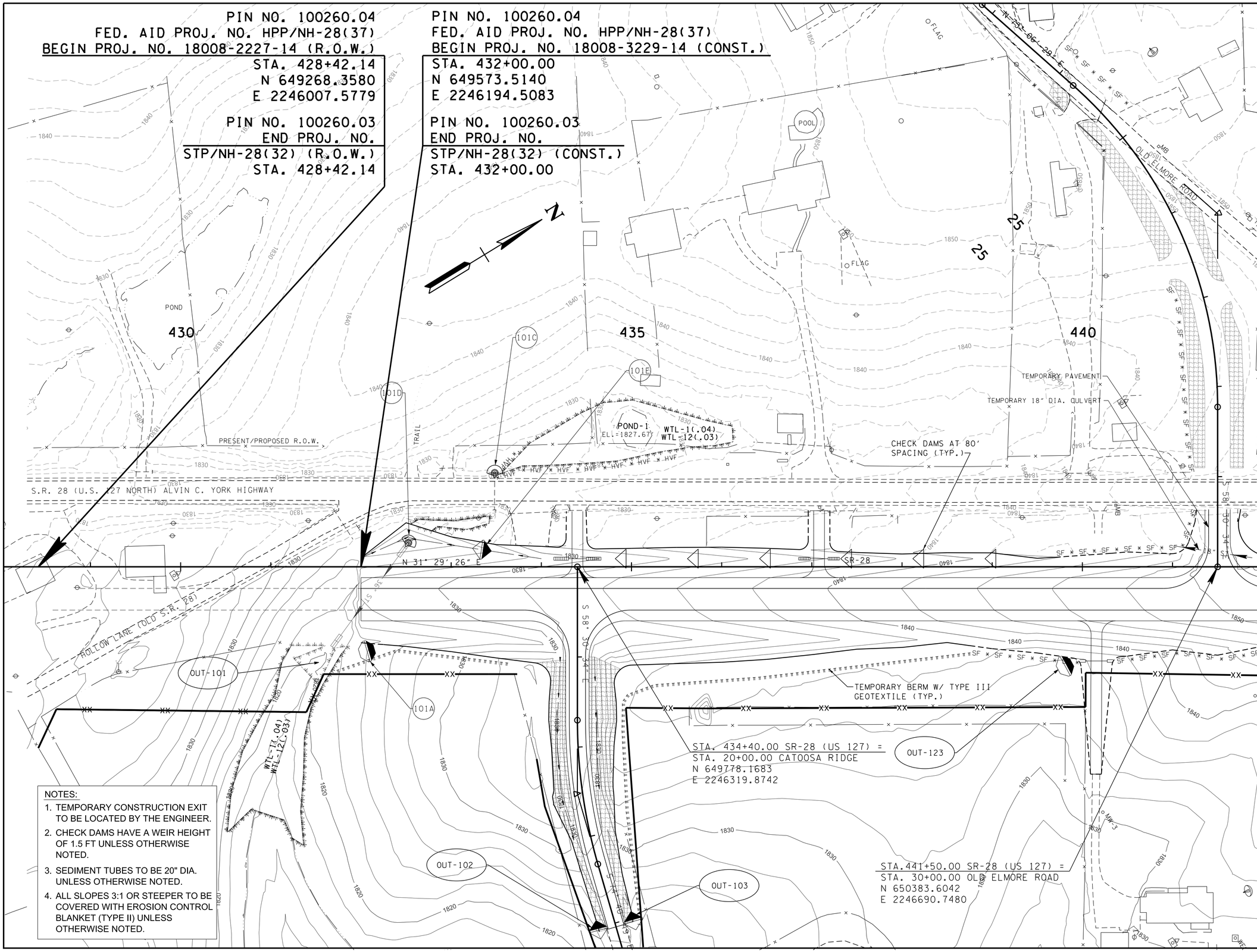
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 1

STA. 595+00 R2 TO END PROJ.
SCALE: 1"= 50'

1/30/2026 2:25:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\063N.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64
PIH	2025	HPP/NH-28 (37)	64



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

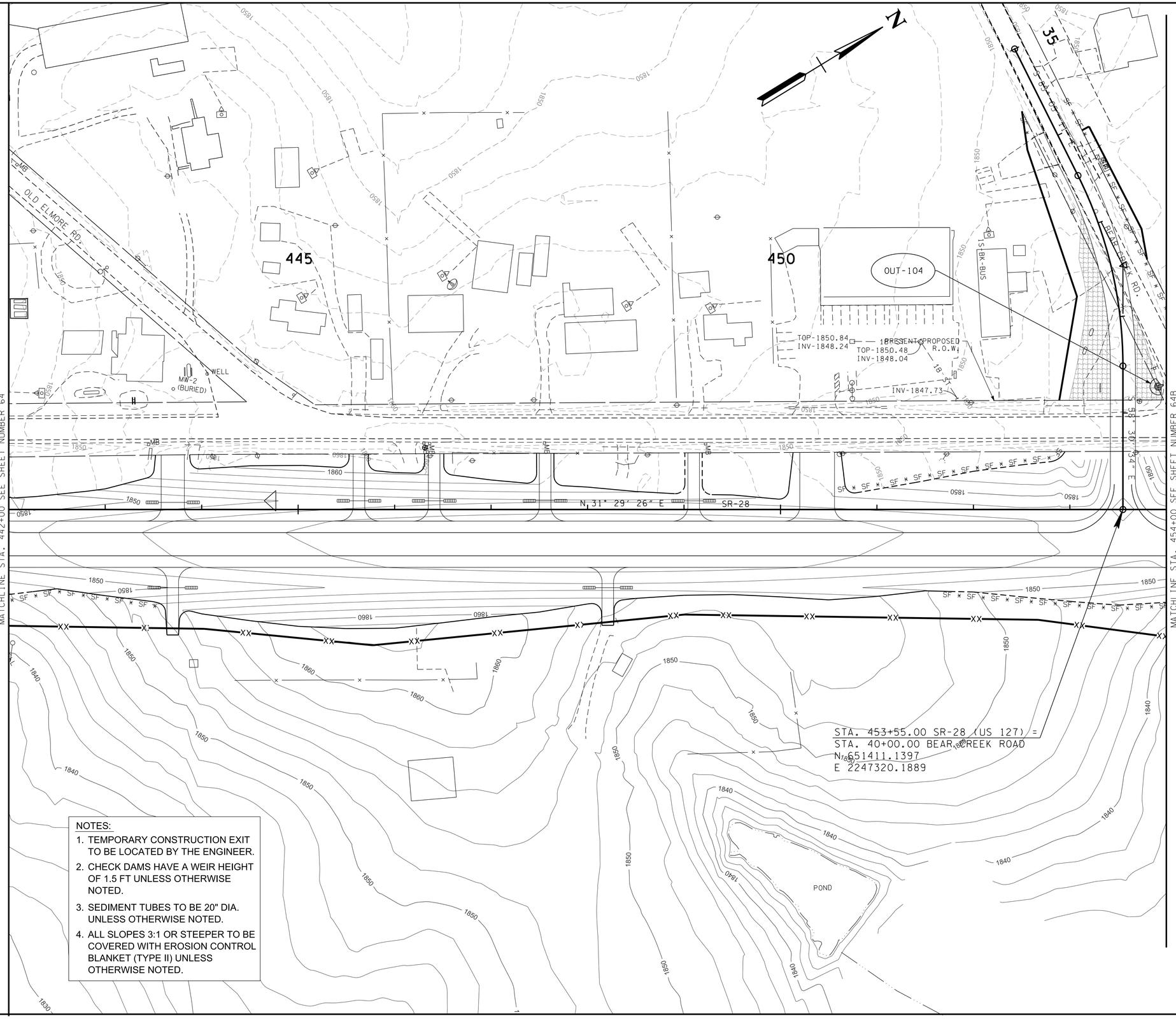
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

BEGIN PROJ. TO STA. 442+00
SCALE: 1"= 50'

1/30/2026 2:25:05 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64A
PIH	2025	HPP/NH-28 (37)	64A



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

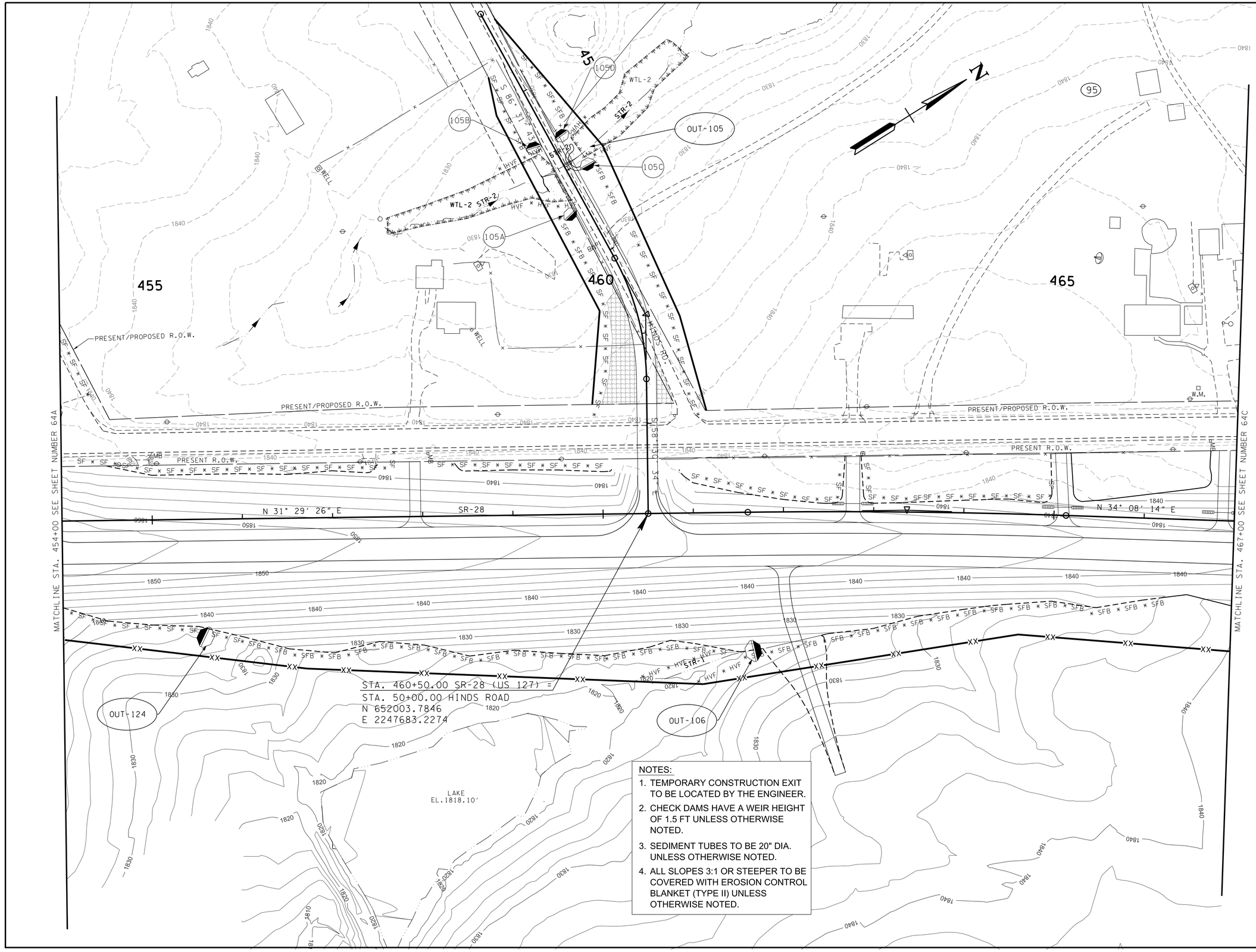
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 442+00 TO STA. 445+00
SCALE: 1"= 50'

1/30/2026 2:25:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64B
PIH	2025	HPP/NH-28 (37)	64B



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

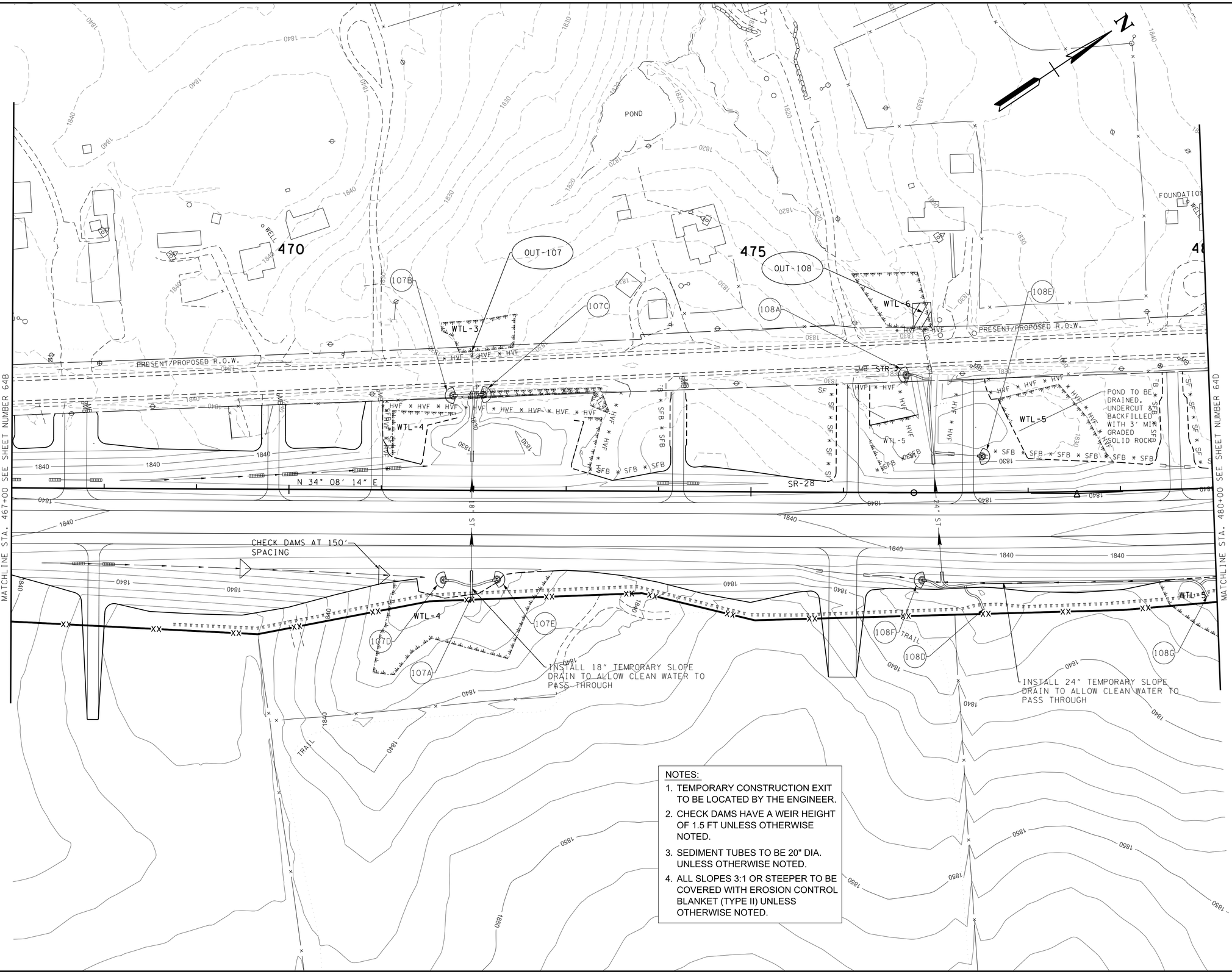
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:25:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64C
PIH	2025	HPP/NH-28 (37)	64C



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

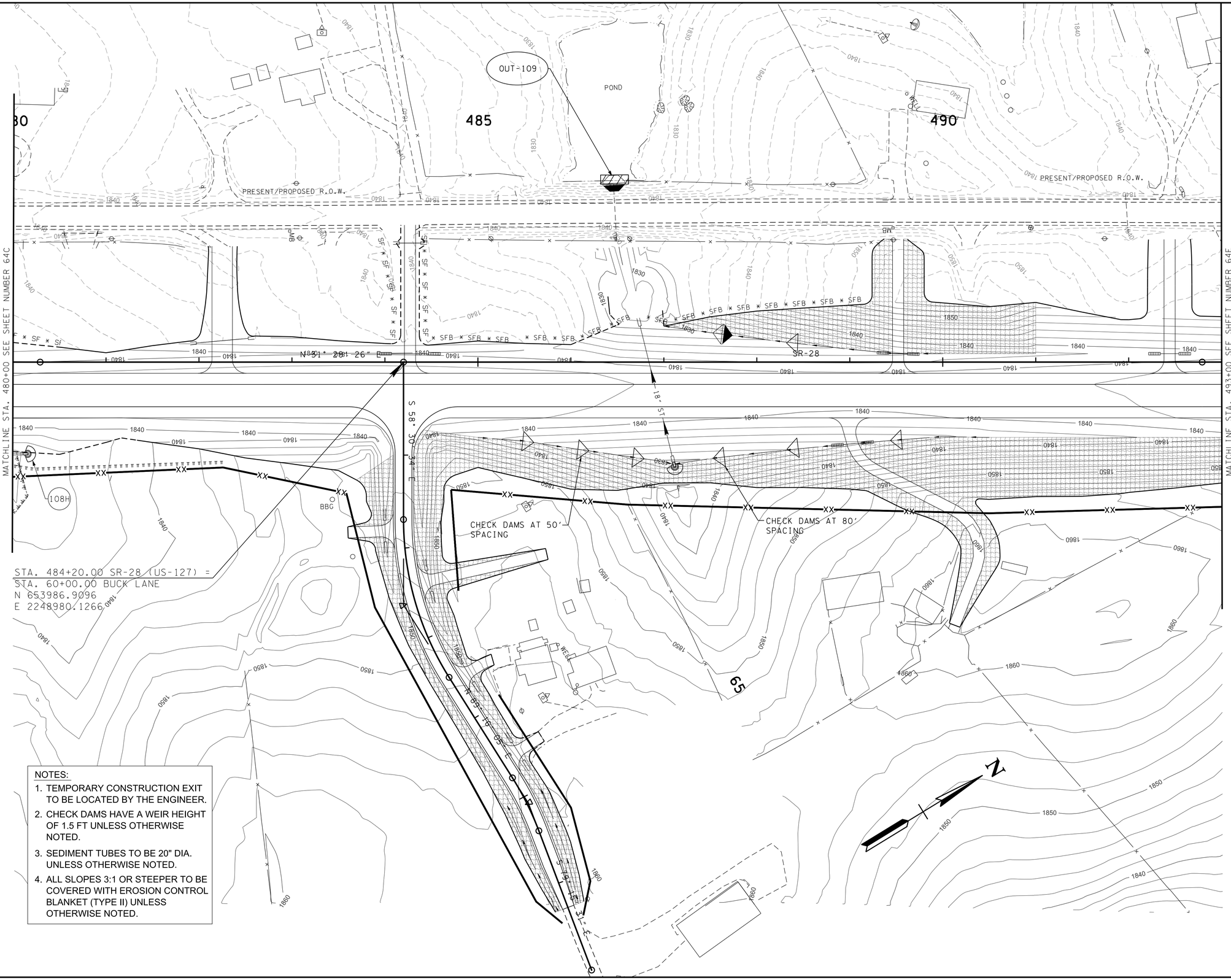
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 2

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:25:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64D
PIH	2025	HPP/NH-28 (37)	64D



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

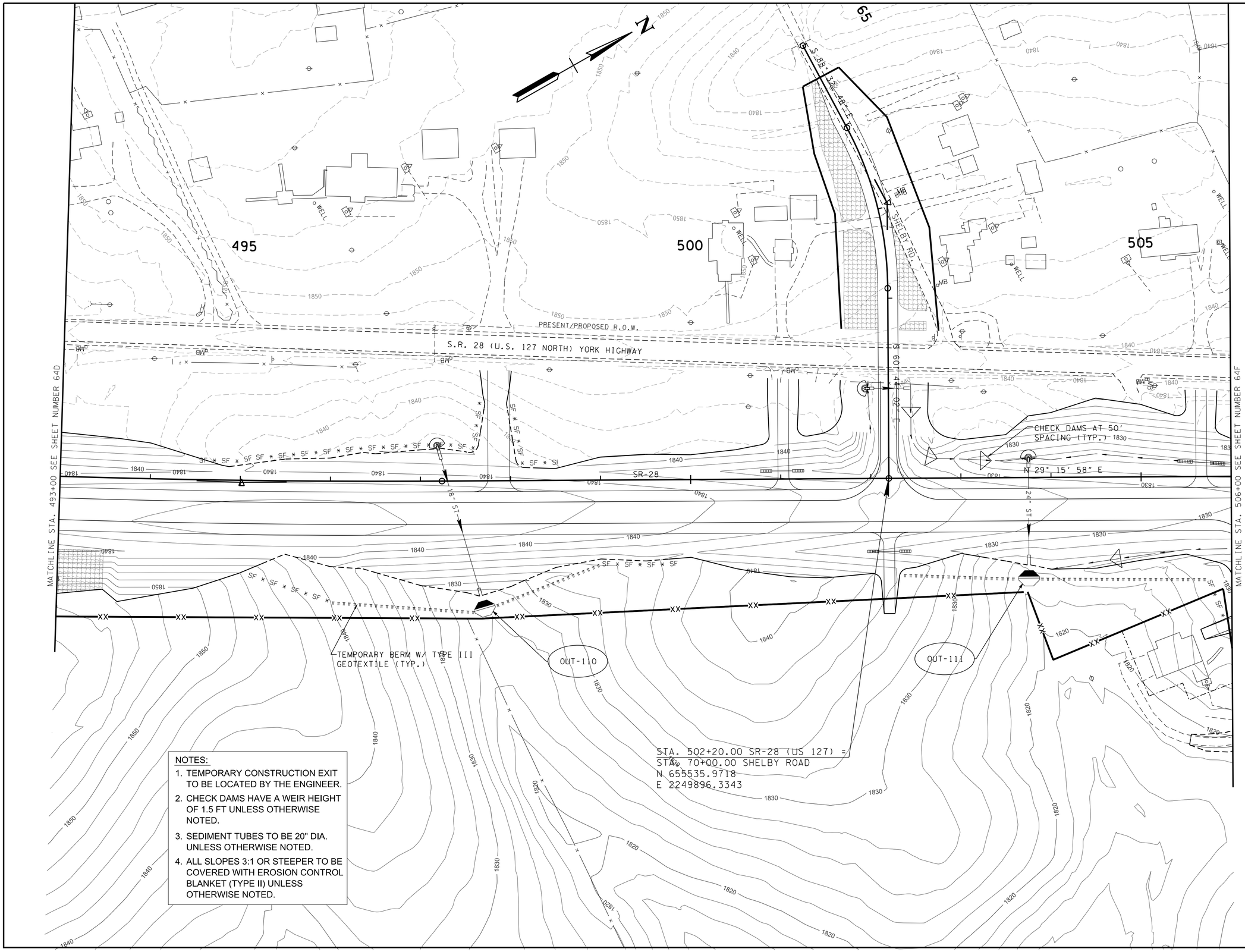
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:25:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064D.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64E
PIH	2025	HPP/NH-28 (37)	64E



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

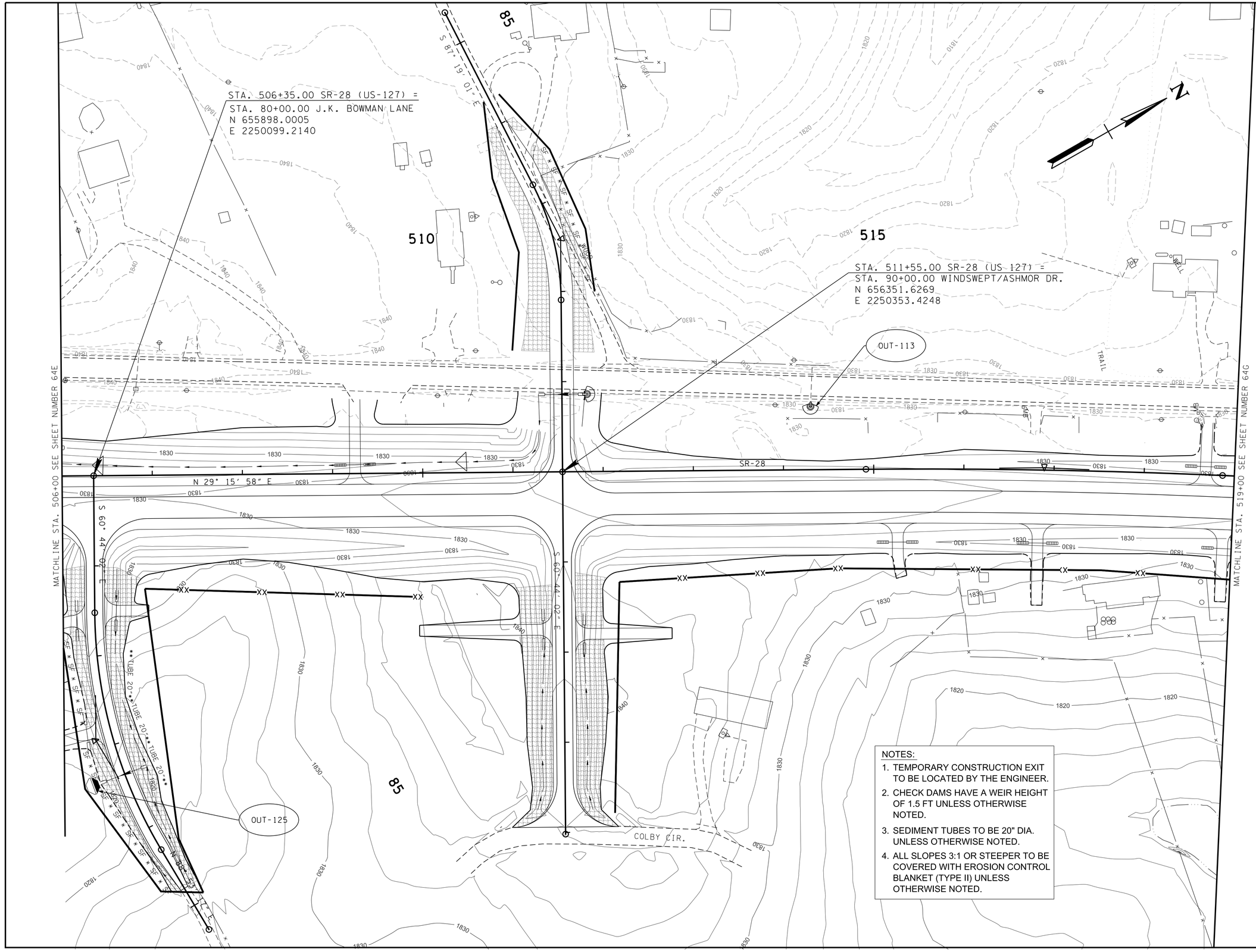
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

1/30/2026 2:25:12 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064E.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64F
PIH	2025	HPP/NH-28 (37)	64F



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

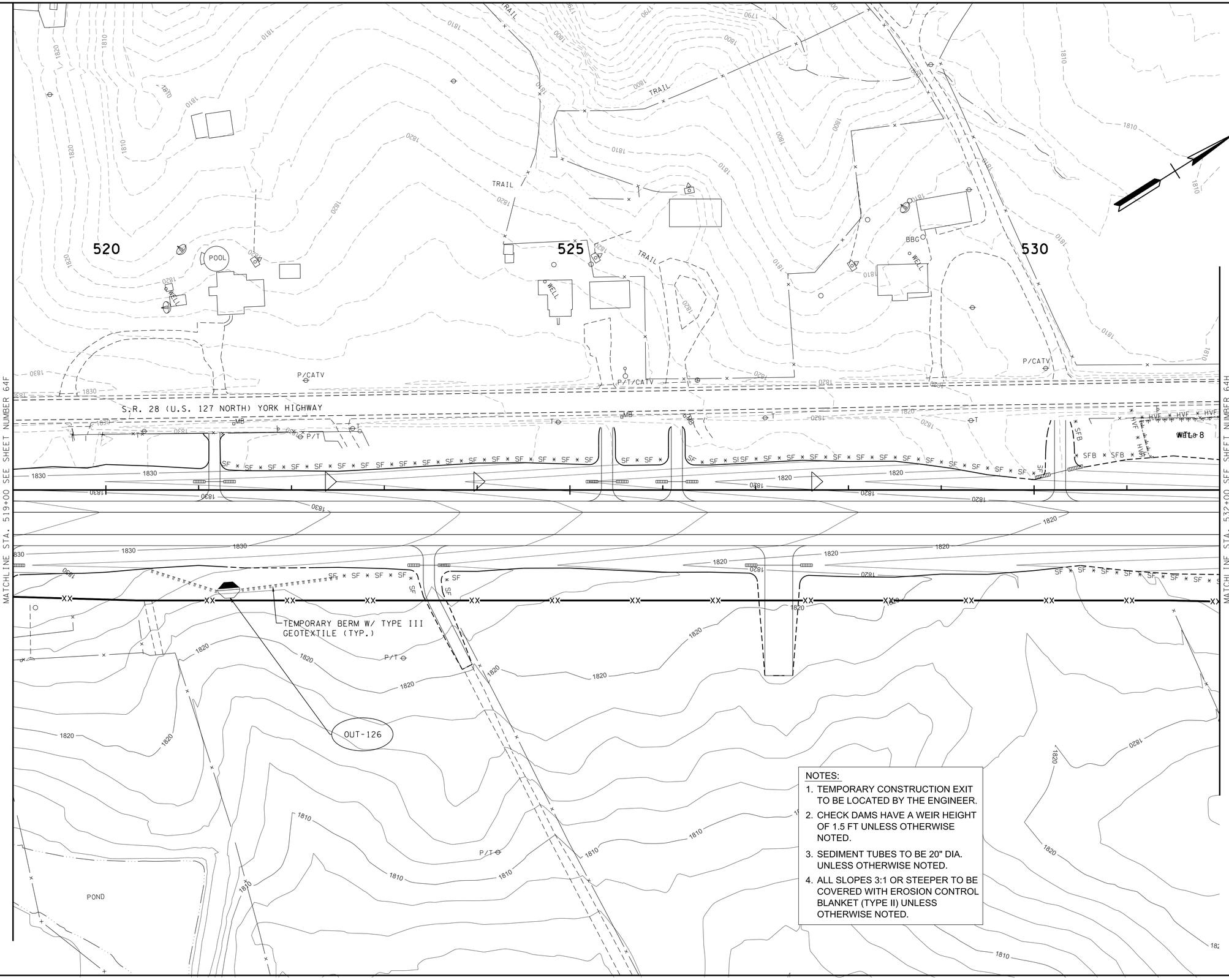
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 506+00 TO STA. 519+00
SCALE: 1"= 50'

1/30/2026 2:25:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064F.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64G
PIH	2025	HPP/NH-28 (37)	64G



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

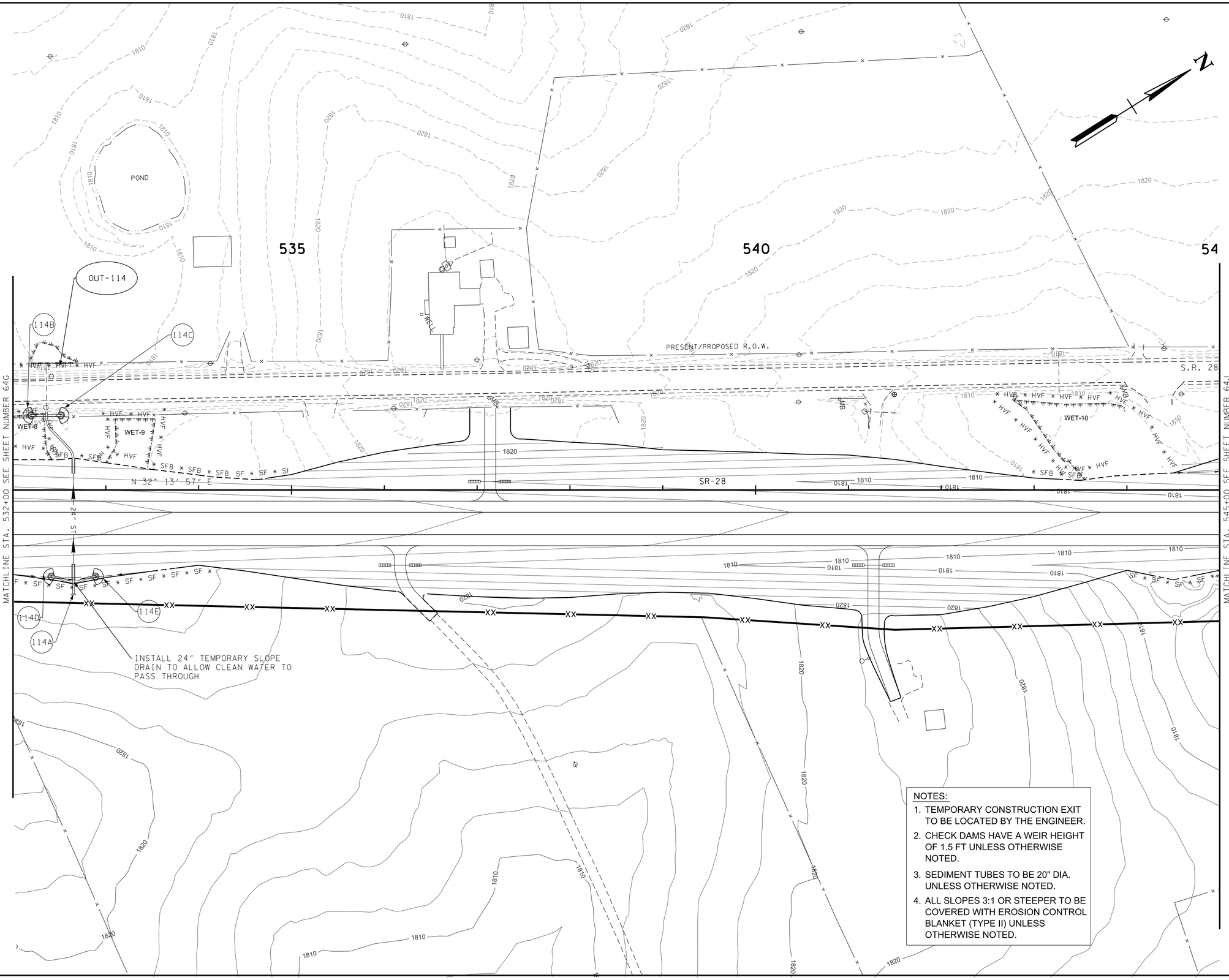
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:25:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064G.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64H
PIH	2025	HPP/NH-28 (37)	64H



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

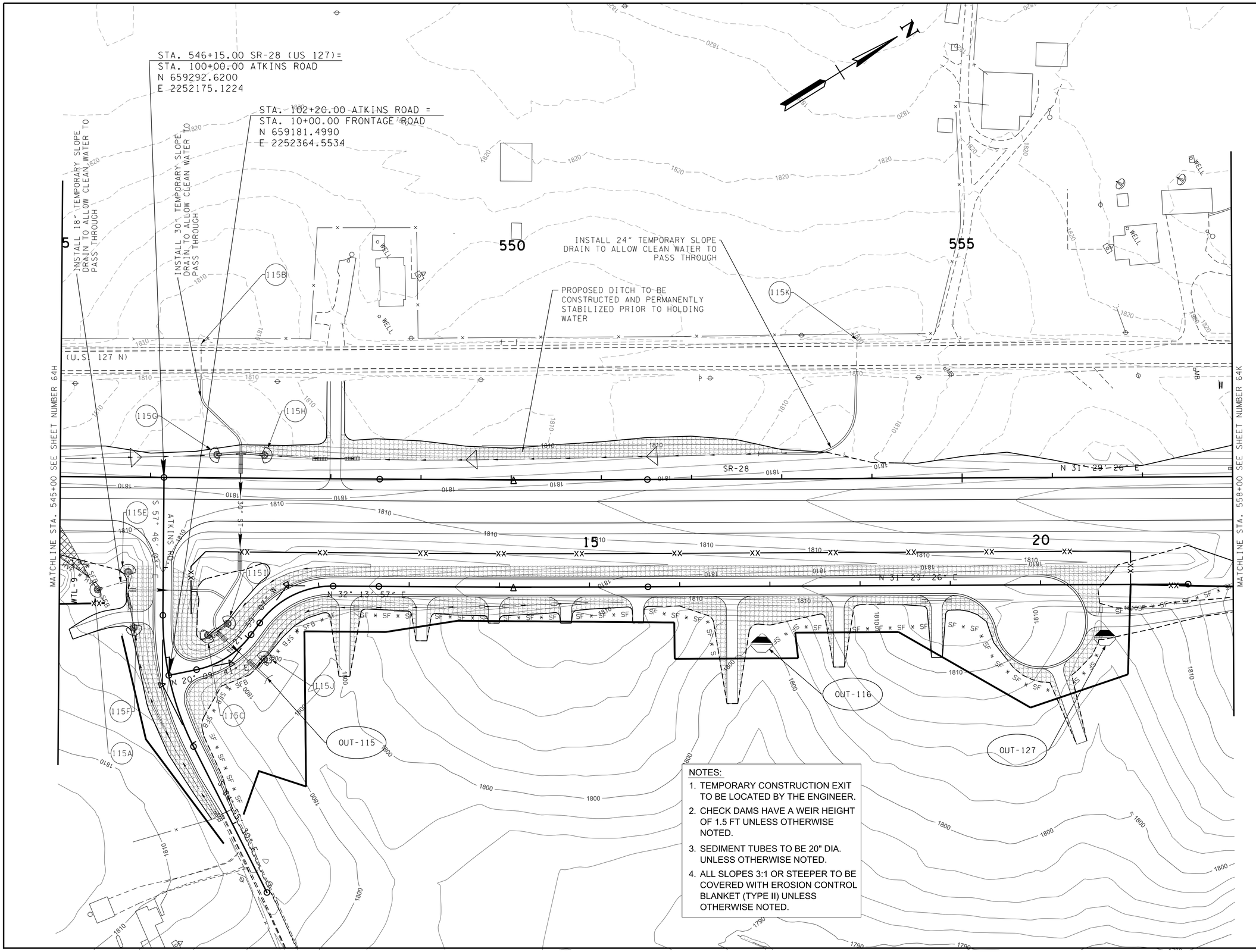
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:25:16 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064H.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64J
PIH	2025	HPP/NH-28 (37)	64J



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 2

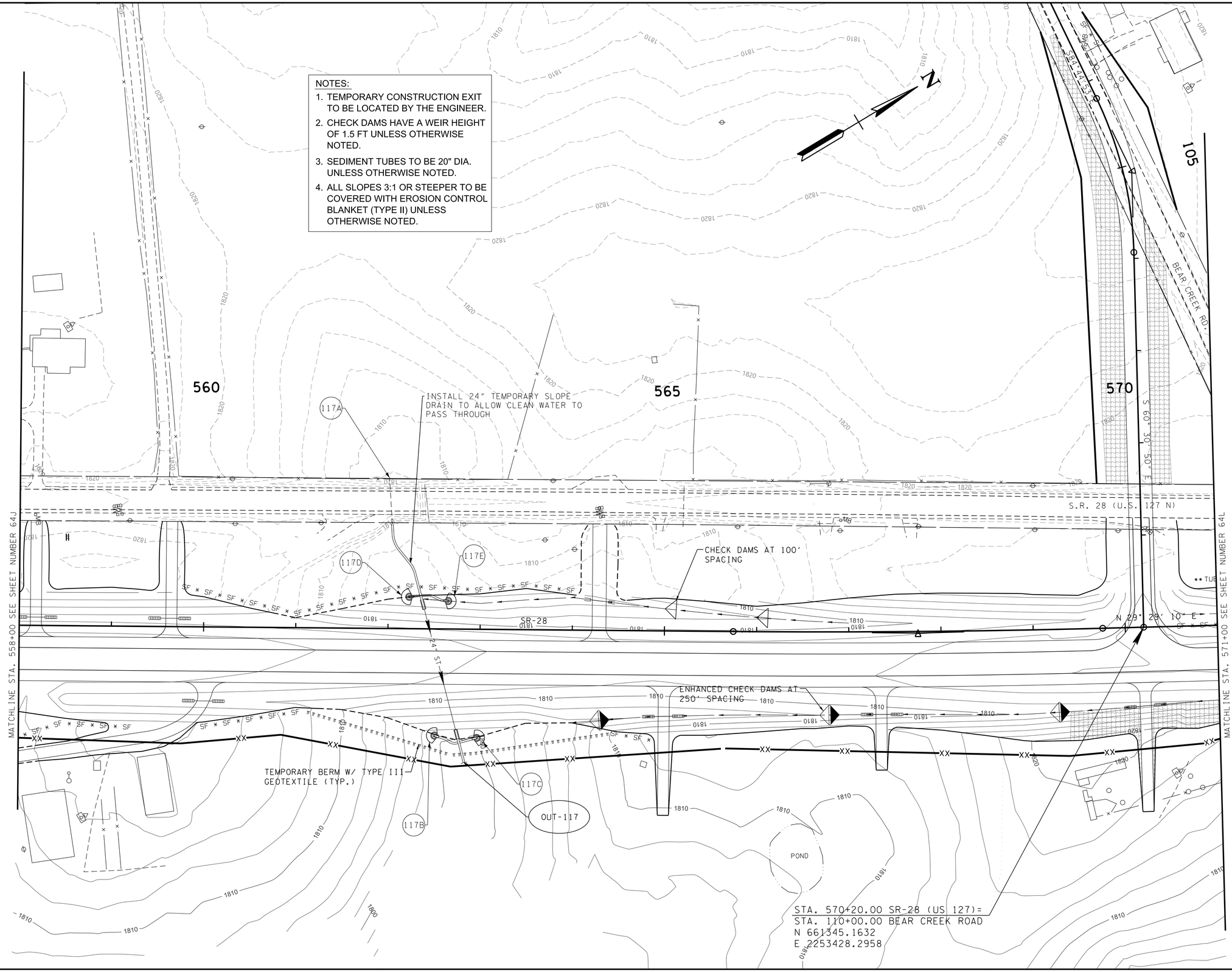
STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:25:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064J.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64K
PIH	2025	HPP/NH-28 (37)	64K

NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.



STA. 570+20.00 SR-28 (US 127)=
STA. 110+00.00 BEAR CREEK ROAD
N 661345.1632
E 2253428.2958

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

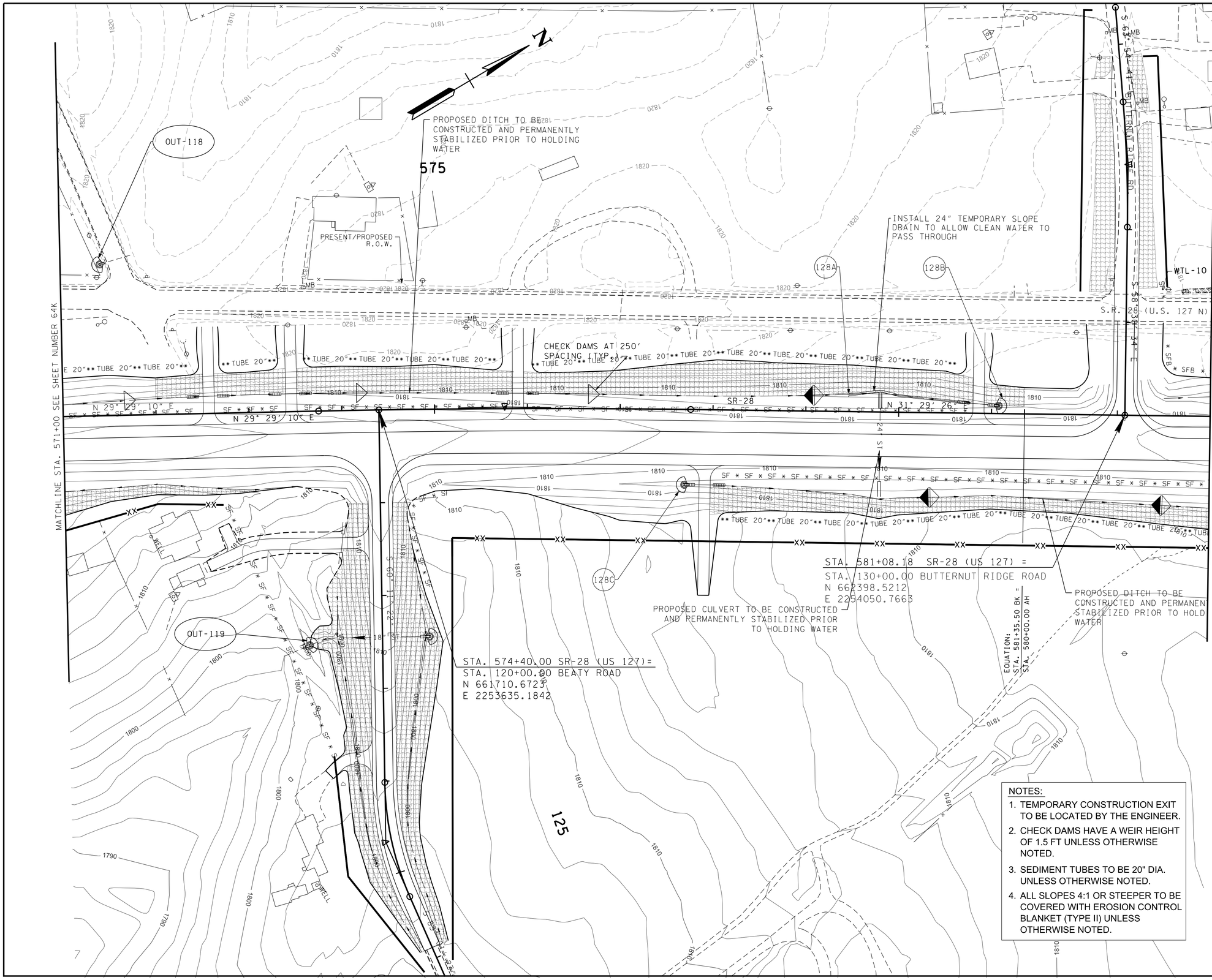
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

1/30/2026 2:25:18 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064K.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64L
PIH	2025	HPP/NH-28 (37)	64L



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 4:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

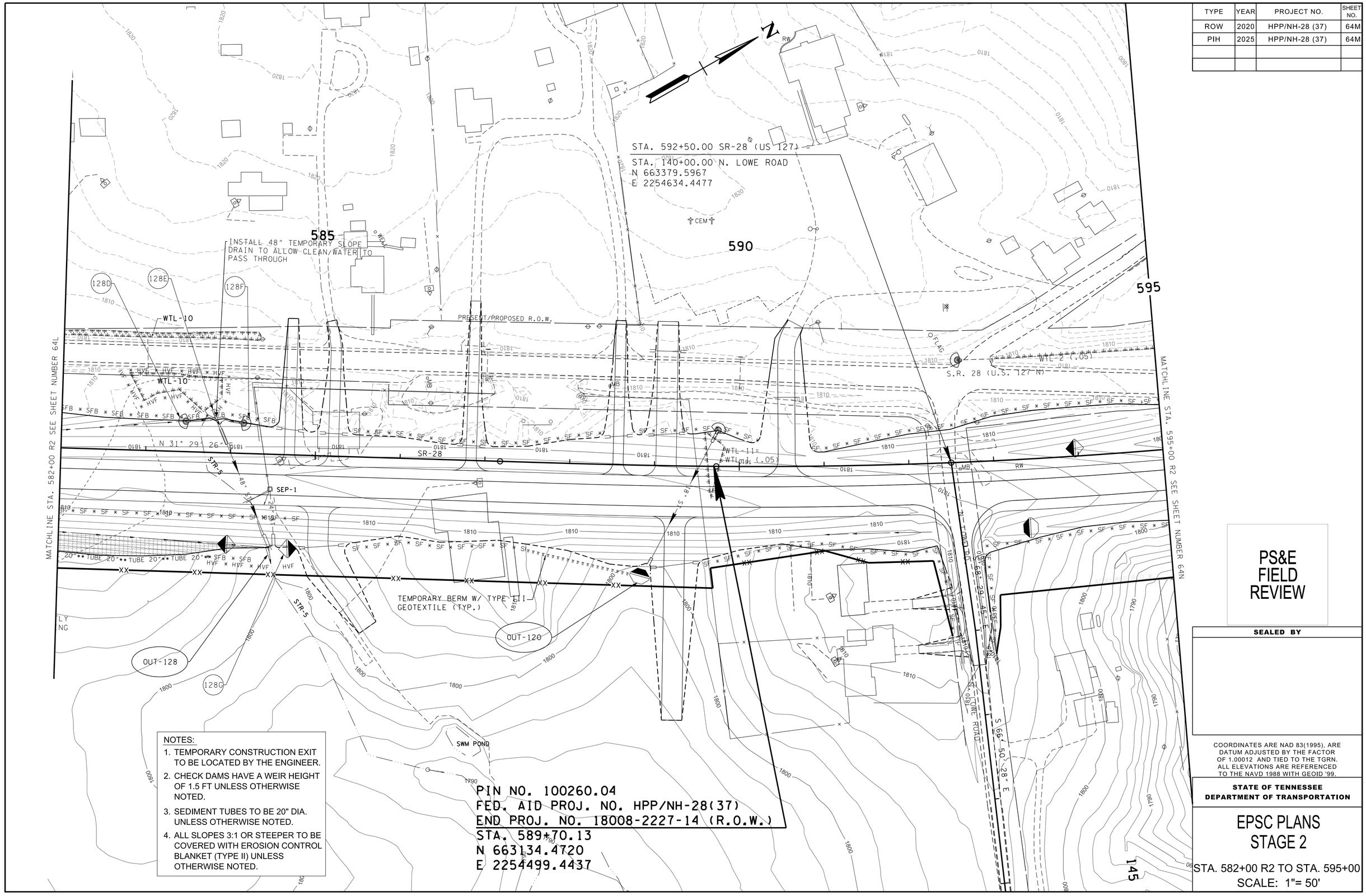
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 2

STA. 571+00 TO STA. 582+00 R2
SCALE: 1"= 50'

1/30/2026 2:25:20 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064L.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64M
PIH	2025	HPP/NH-28 (37)	64M



NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 582+00 R2 TO STA. 595+00
SCALE: 1"= 50'

1/30/2026 2:25:22 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064M.shtml

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	64N
PIH	2025	HPP/NH-28 (37)	64N

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409

HARVILLE ROAD

DIDDEN LOOP

S 6° 53' 13" E

595

600

605

150

OUT-122

US127/SR28

N 16° 13' 50" E

MATCH LINE STA. 595+00 R2 SEE SHEET NUMBER 64M

STA. 596+30.00 SR-28 (US 127) =
STA. 154+87.96 DIDEN LOOP
N 663722.3886
E 2254798.2792

OUT-121

POND-1 (.05)

WTL-2 (.05)

STR-1 (.05)

STR-2 (.05)

WTL-4 (.05)

STR-3 (.05)

STR-4 (.05)

STR-5 (.05)

STR-6

STR-7

STR-8

WTL-5 (.05)

36"

NOTES:

1. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
2. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
3. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
4. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 2

STA. 595+00 R2 TO END PROJ.
SCALE: 1"= 50'

1/30/2026 2:25:24 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\064N.SHT

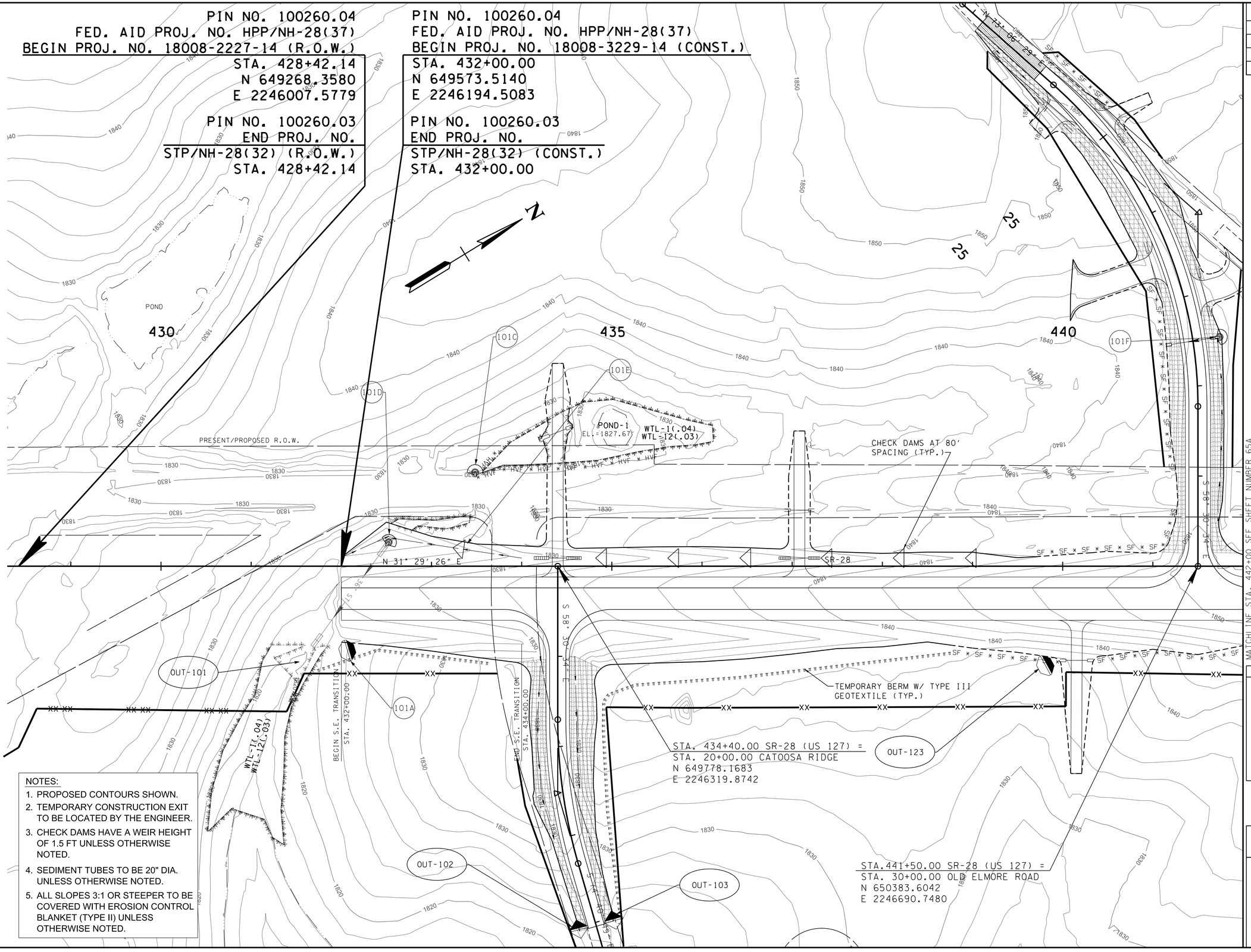
PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (38)	65
PIH	2025	HPP/NH-28 (37)	65



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

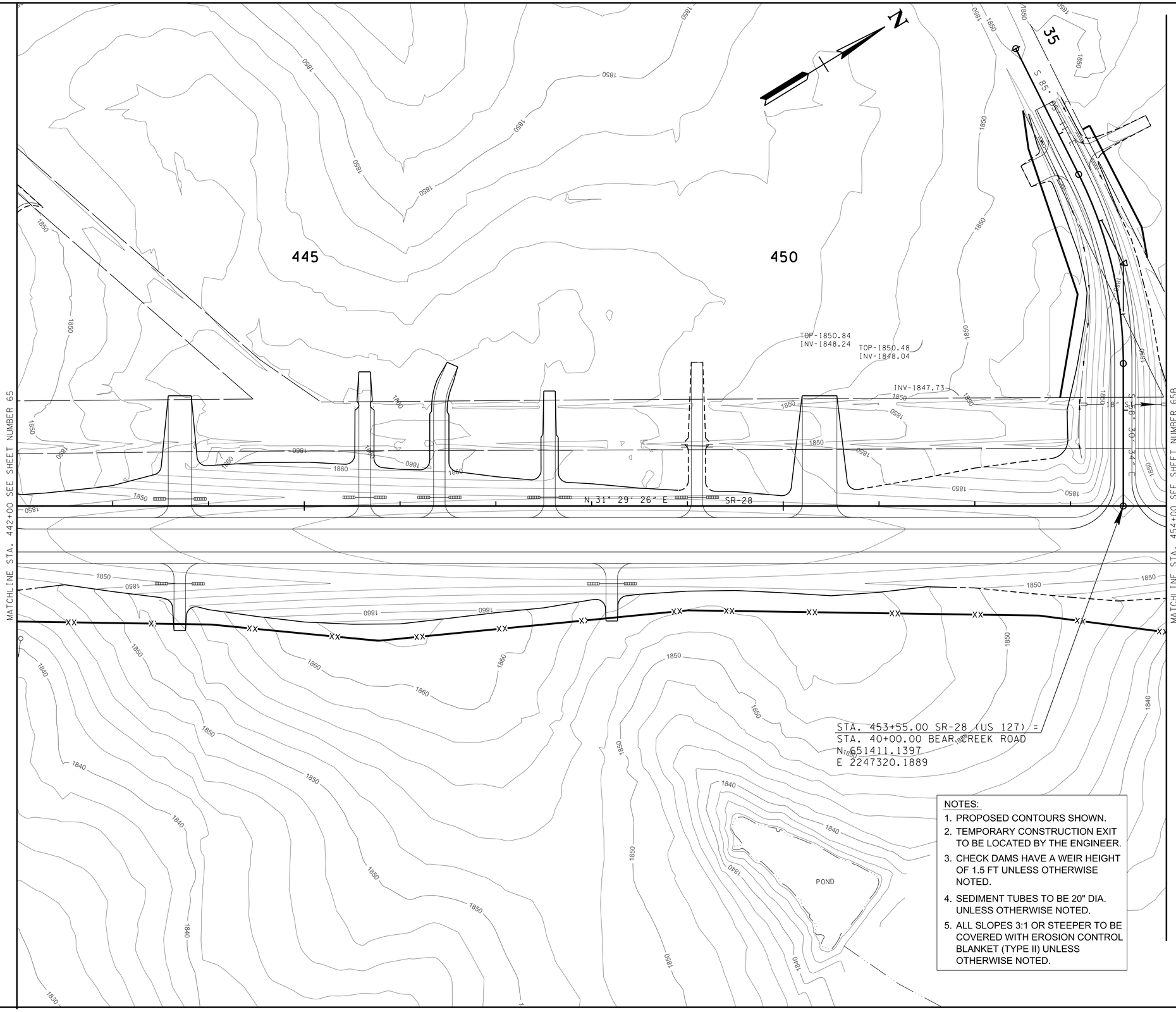
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

BEGIN PROJ. TO STA. 442+00
SCALE: 1"= 50'

1/30/2026 2:25:39 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65A
PIH	2025	HPP/NH-28 (37)	65A



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

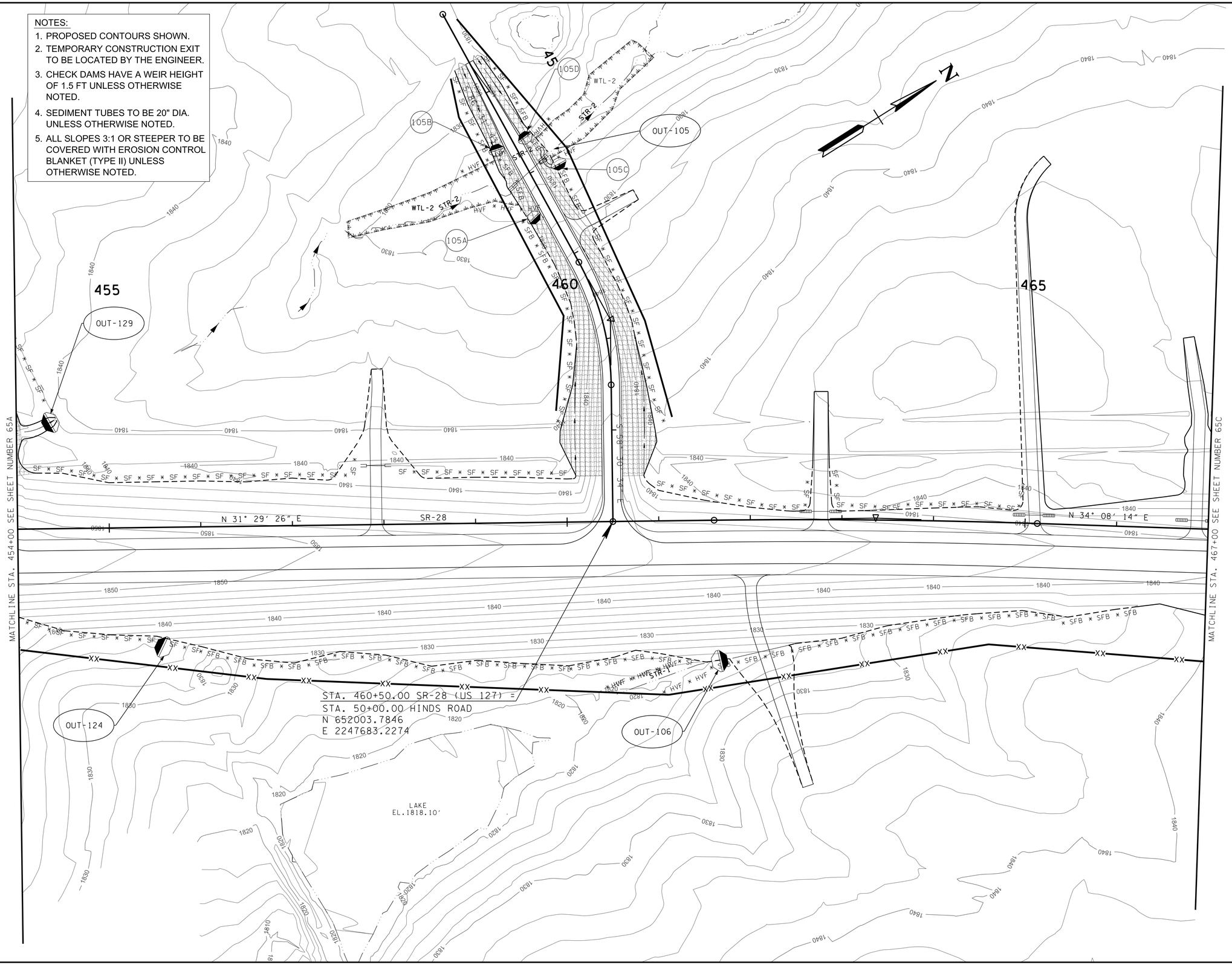
STA. 442+00 TO STA. 445+00
SCALE: 1"= 50'

1/30/2026 2:25:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065A.sht

NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65B
PIH	2025	HPP/NH-28 (37)	65B



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

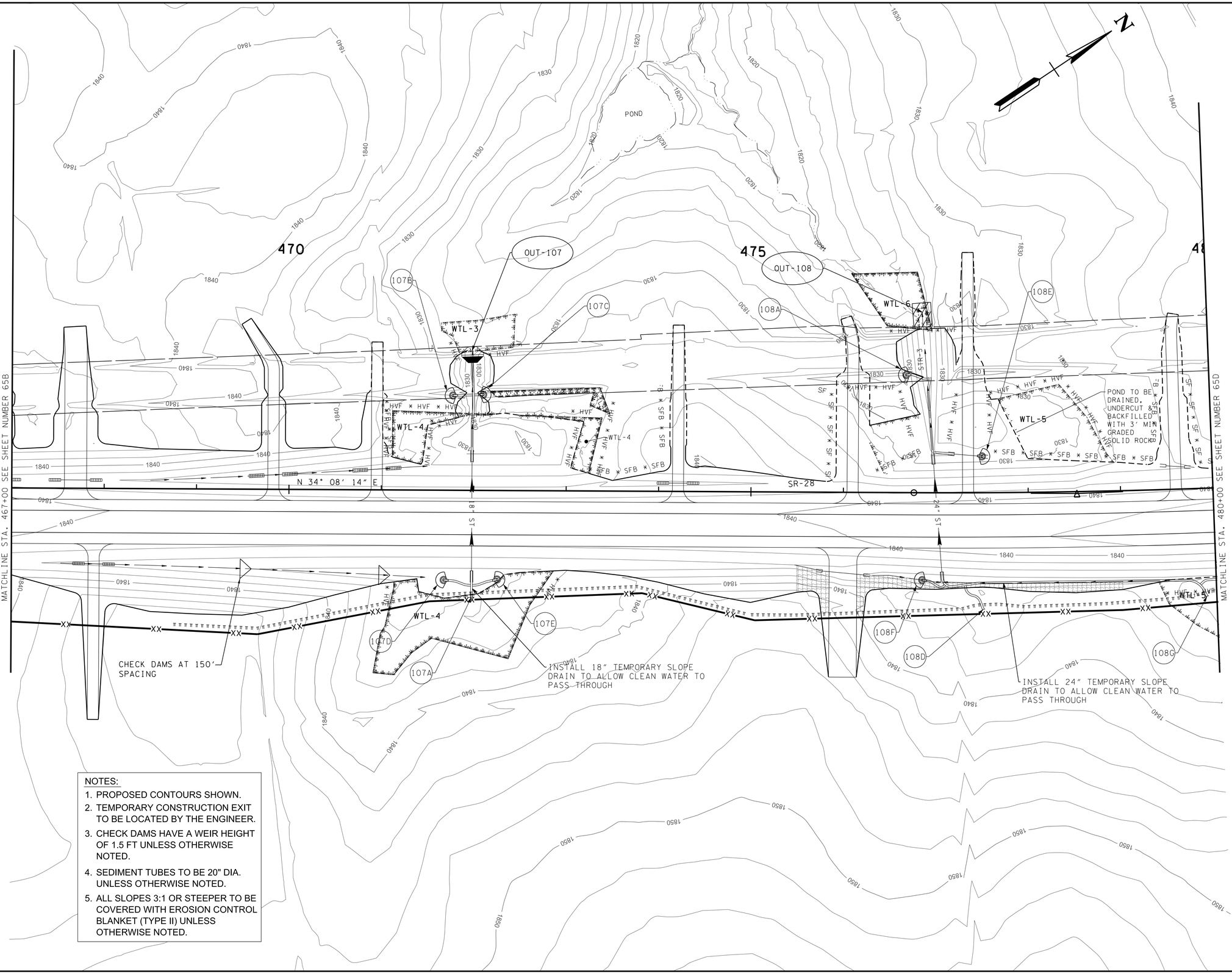
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 3

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:25:42 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65C
PIH	2025	HPP/NH-28 (37)	65C



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

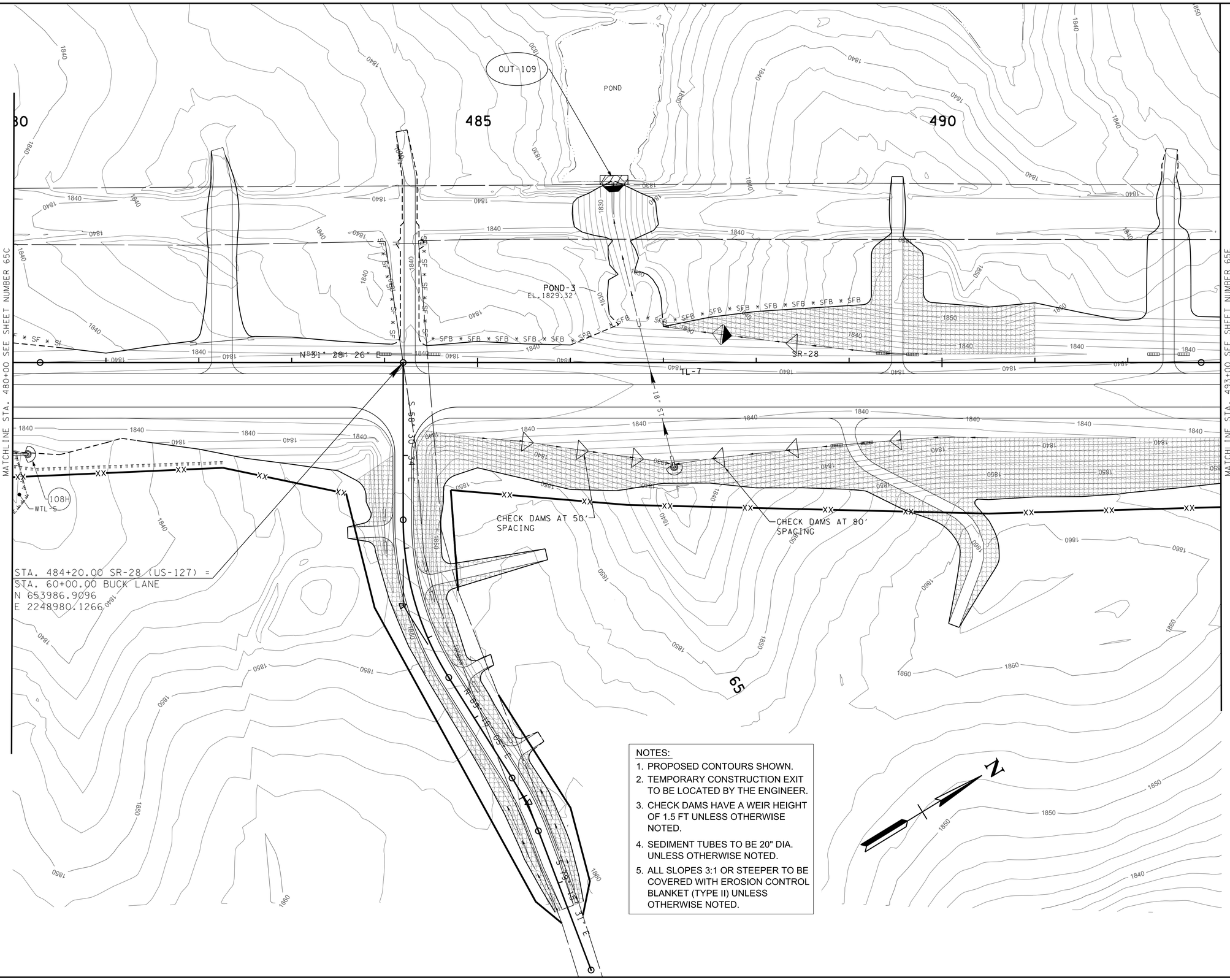
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:25:43 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65D
PIH	2025	HPP/NH-28 (37)	65D



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

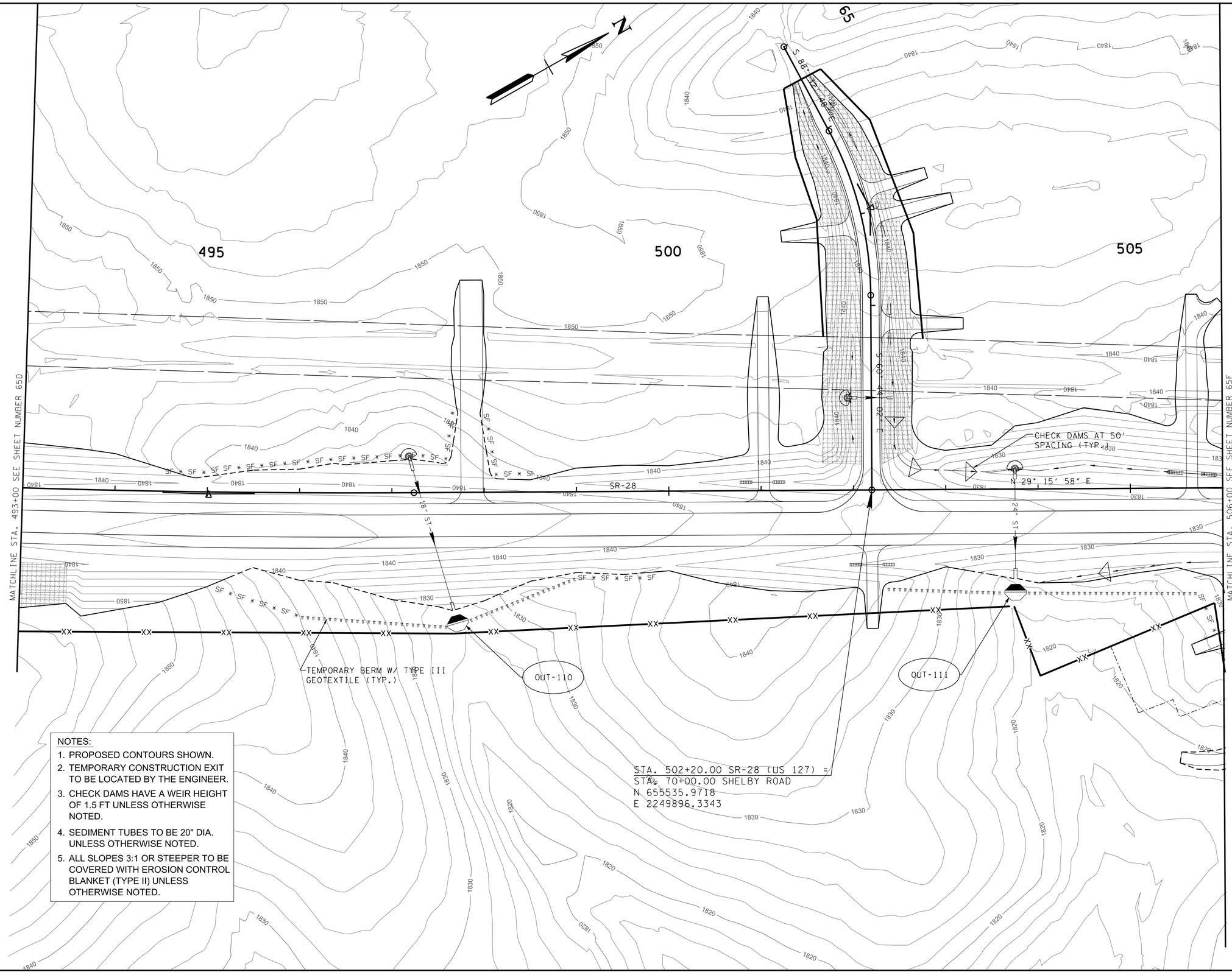
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:25:45 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065D.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65E
PIH	2025	HPP/NH-28 (37)	65E



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

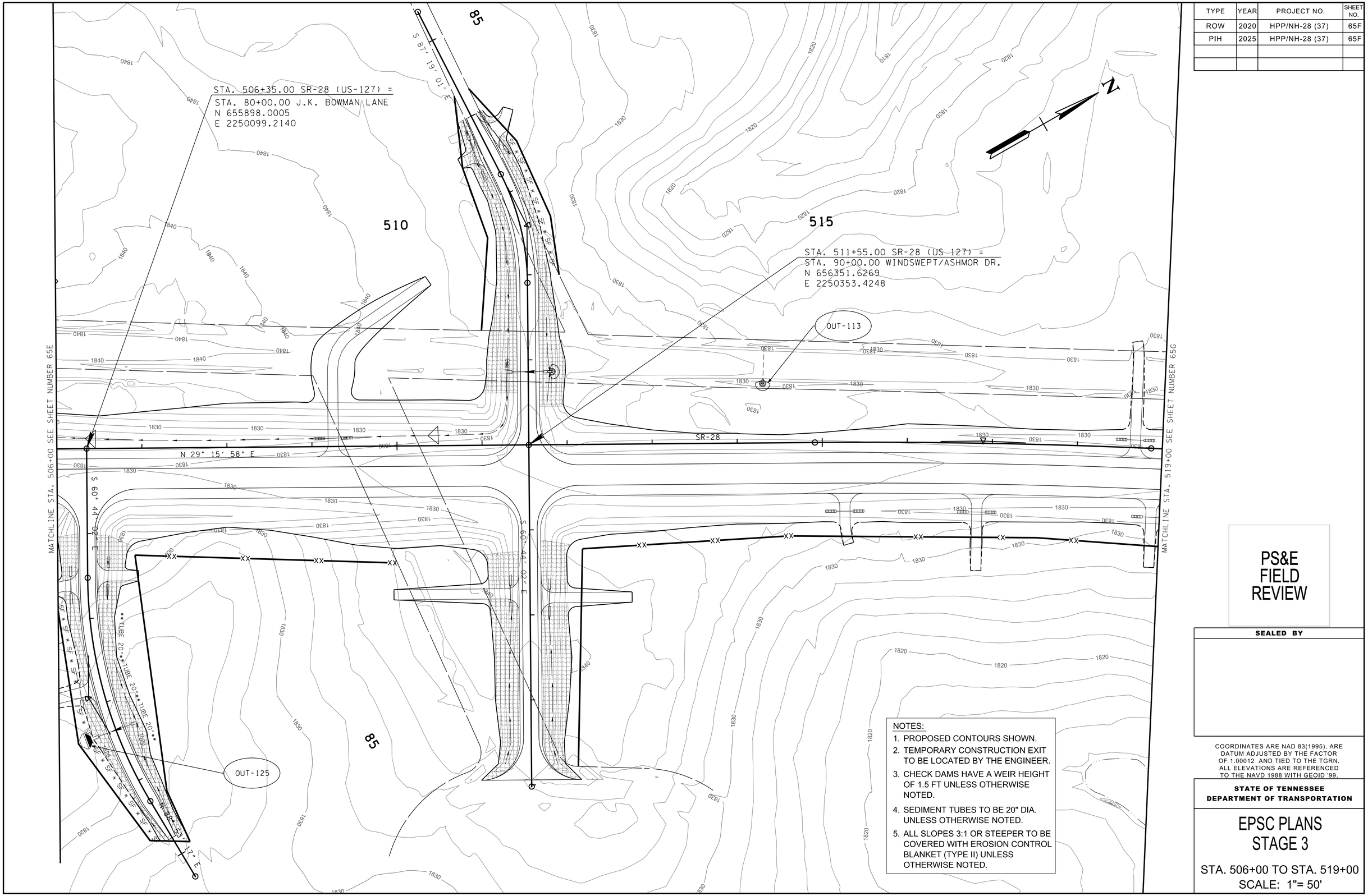
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

1/30/2026 2:25:46 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065E.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65F
PIH	2025	HPP/NH-28 (37)	65F



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

STA. 506+00 TO STA. 519+00
SCALE: 1"= 50'

1/30/2026 2:25:48 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065F.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65G
PIH	2025	HPP/NH-28 (37)	65G

520

525

530

N

MATCHLINE STA. 519+00 SEE SHEET NUMBER 65F

MATCHLINE STA. 532+00 SEE SHEET NUMBER 65H

WTL-8

TEMPORARY BERM W/ TYPE III GEOTEXTILE (TYP.)

OUT-126

POND

NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

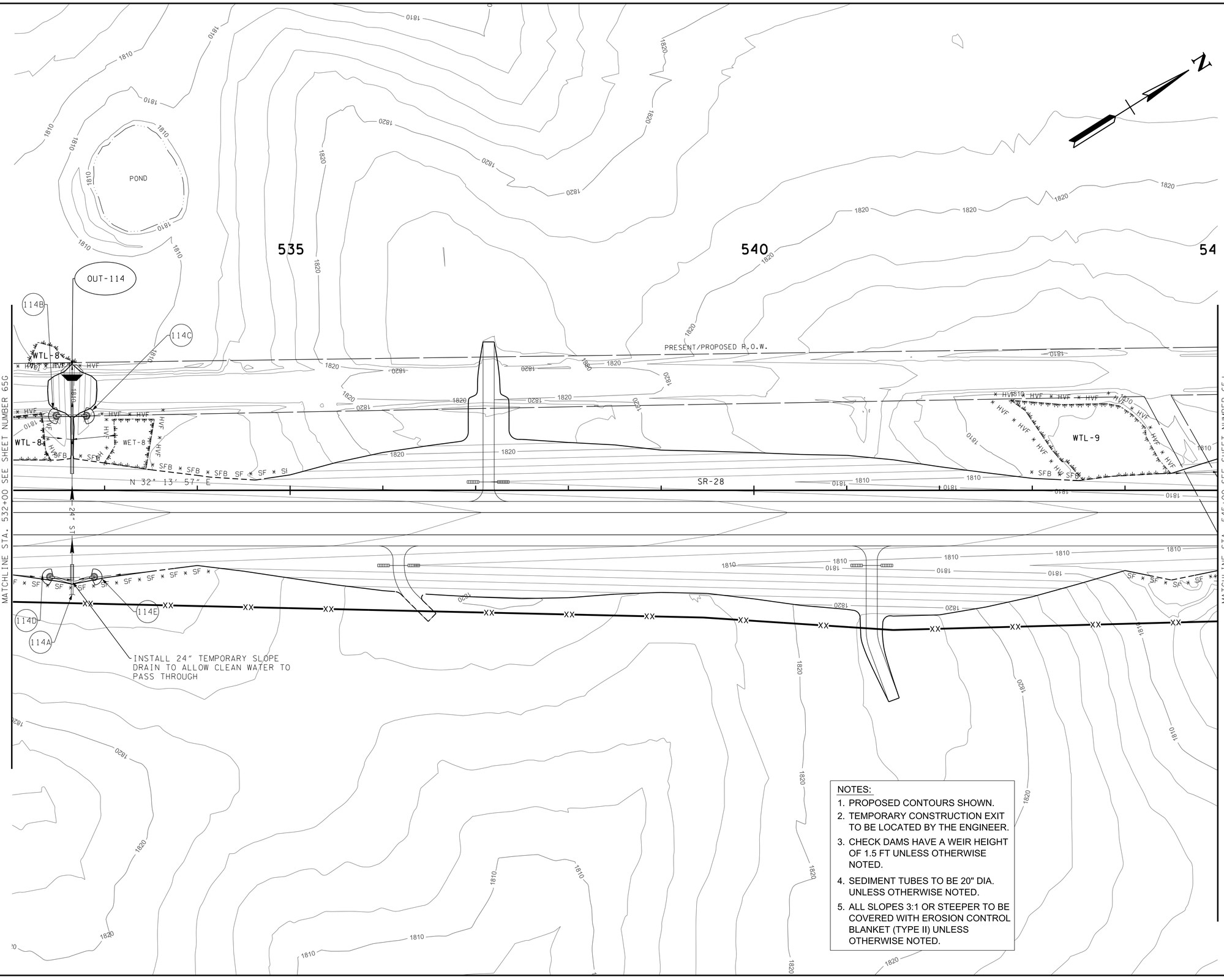
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:25:49 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065G.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65H
PIH	2025	HPP/NH-28 (37)	65H



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:25:50 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065H.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65J
PIH	2025	HPP/NH-28 (37)	65J

STA. 546+15.00 SR-28 (US 127)=
STA. 100+00.00 ATKINS ROAD
N 659292.6200
E 2252175.1224

STA. 102+20.00 ATKINS ROAD =
STA. 10+00.00 FRONTAGE ROAD
N 659181.4990
E 2252364.5534

INSTALL 18" TEMPORARY SLOPE DRAIN TO ALLOW CLEAN WATER TO PASS THROUGH

INSTALL 30" TEMPORARY SLOPE DRAIN TO ALLOW CLEAN WATER TO PASS THROUGH

INSTALL 24" TEMPORARY SLOPE DRAIN TO ALLOW CLEAN WATER TO PASS THROUGH

PROPOSED DITCH CONSTRUCTED AND PERMANENTLY STABILIZED IN STAGE II

115A 115B 115C 115E 115F 115G 115H 115I 115J 115K

OUT-115 OUT-116 OUT-127

SR-28

N 31° 29' 26" E

N 32° 13' 57" E

N 20° 09' 41" E

S 57° 49' 02" W

ATKINS RD

FLOW DIRECTION

MATCHLINE STA. 545+00 SEE SHEET NUMBER 65H

MATCHLINE STA. 558+00 SEE SHEET NUMBER 65K

NOTES:
1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 3

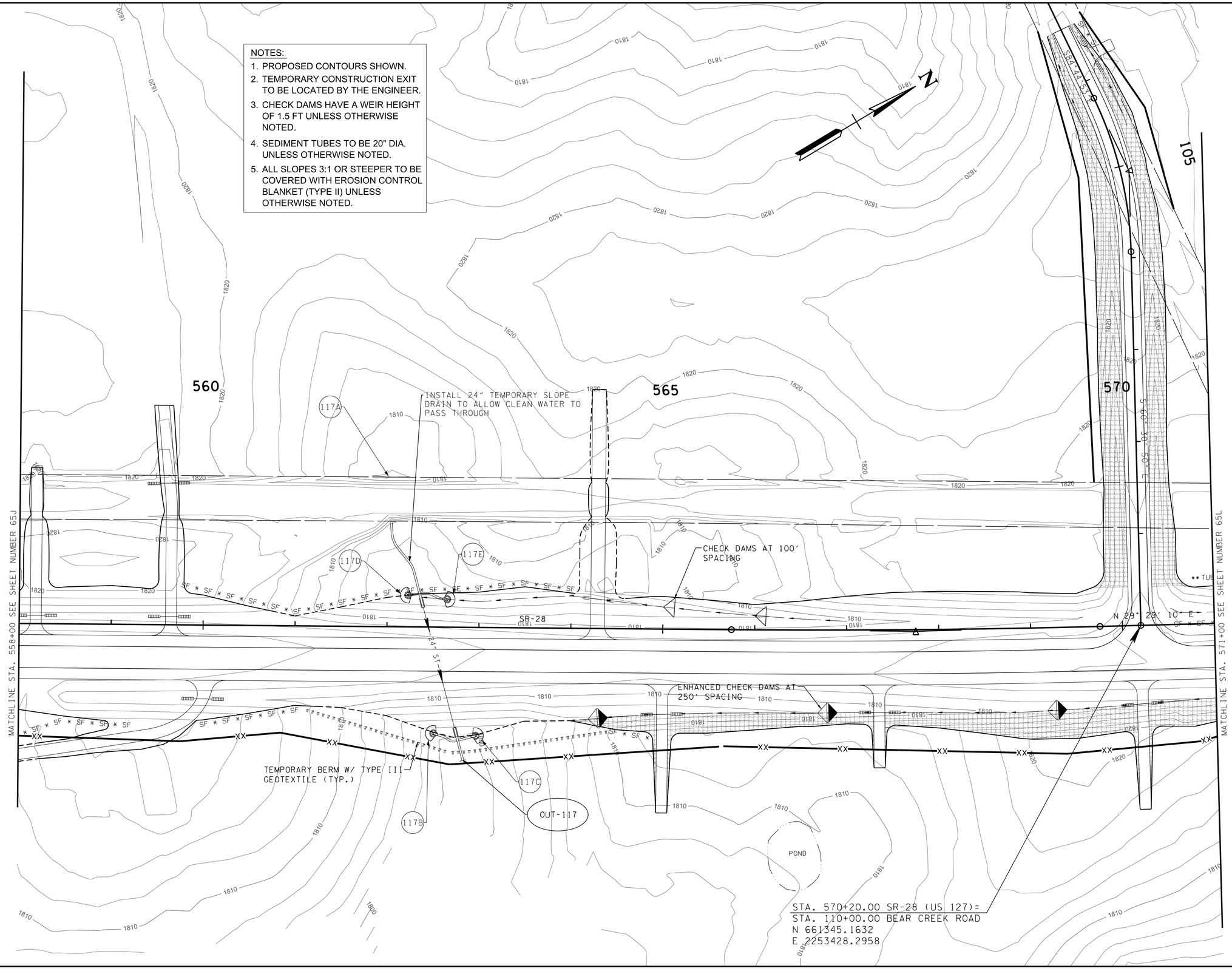
STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:25:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065J.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65K
PIH	2025	HPP/NH-28 (37)	65K

NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

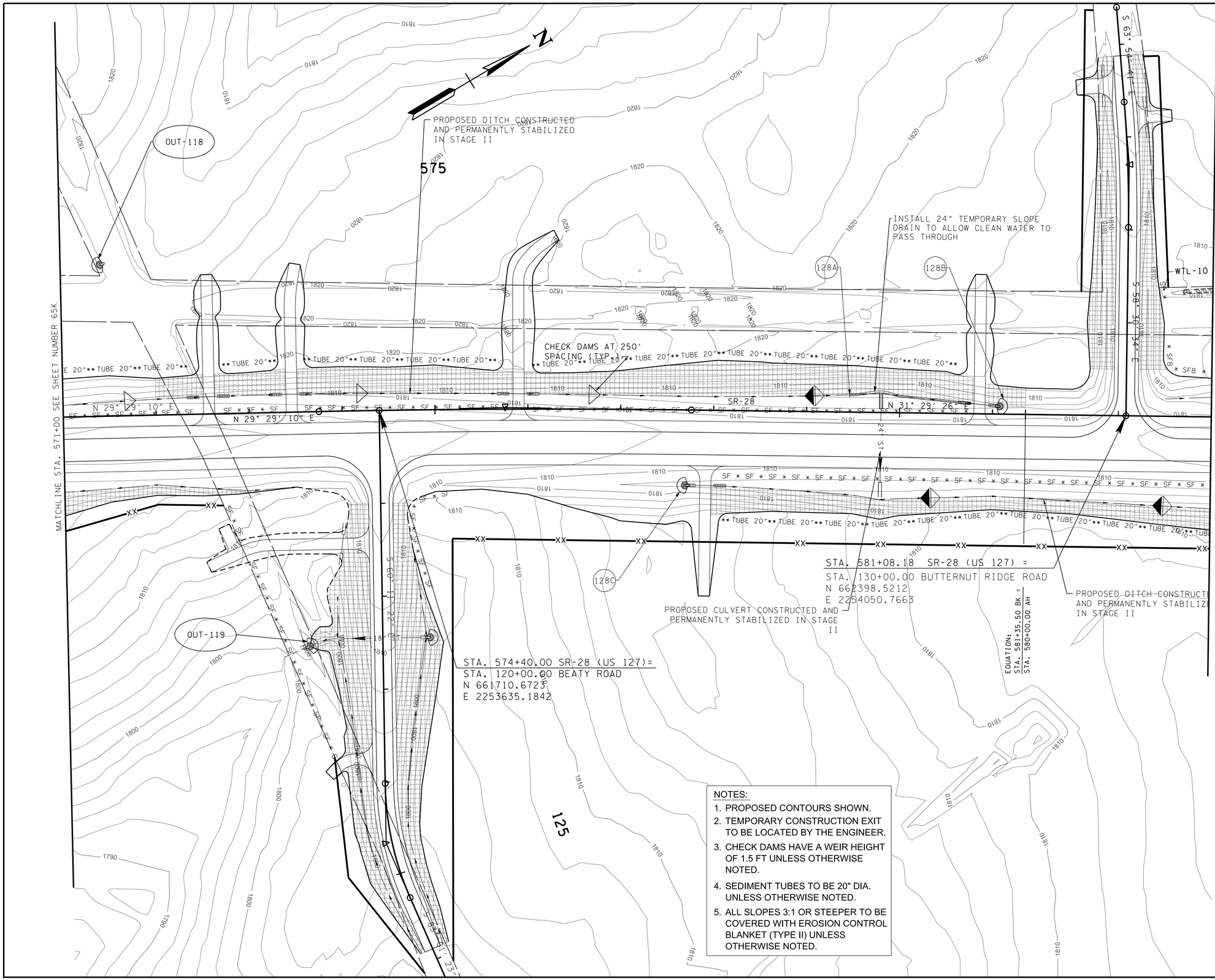
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS
STAGE 3

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

1/30/2026 2:25:53 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065K.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65L
PIH	2025	HPP/NH-28 (37)	65L



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 3

STA. 571+00 TO STA. 582+00 R2
SCALE: 1"= 50'

1/30/2026 2:25:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065L.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65M
PIH	2025	HPP/NH-28 (37)	65M

NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

N

STA. 592+50.00 SR-28 (US 127) =
STA. 140+00.00 N. LOWE ROAD
N 663379.5967
E 2254634.4477

585

590

595

INSTALL 48" TEMPORARY SLOPE DRAIN TO ALLOW CLEAN WATER TO PASS THROUGH

128D

128E

128F

128G

WTL-10

WTL-11= WTL-12 (.05)

PRESENT/PROPOSED R.O.W.

SR-28

N 31° 29' 26" E

SEP-1

48" ST

24" ST

18" ST

STR-5

TEMPORARY BERM W/ TYPE LII GEOTEXTILE (TYP.)

OUT-120

OUT-128

SWM POND

N. LOWE ROAD

S 66° 50' 28" E

S 68° 29' 45" E

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER 65L

MATCHLINE STA. 595+00 R2 SEE SHEET NUMBER 65N

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

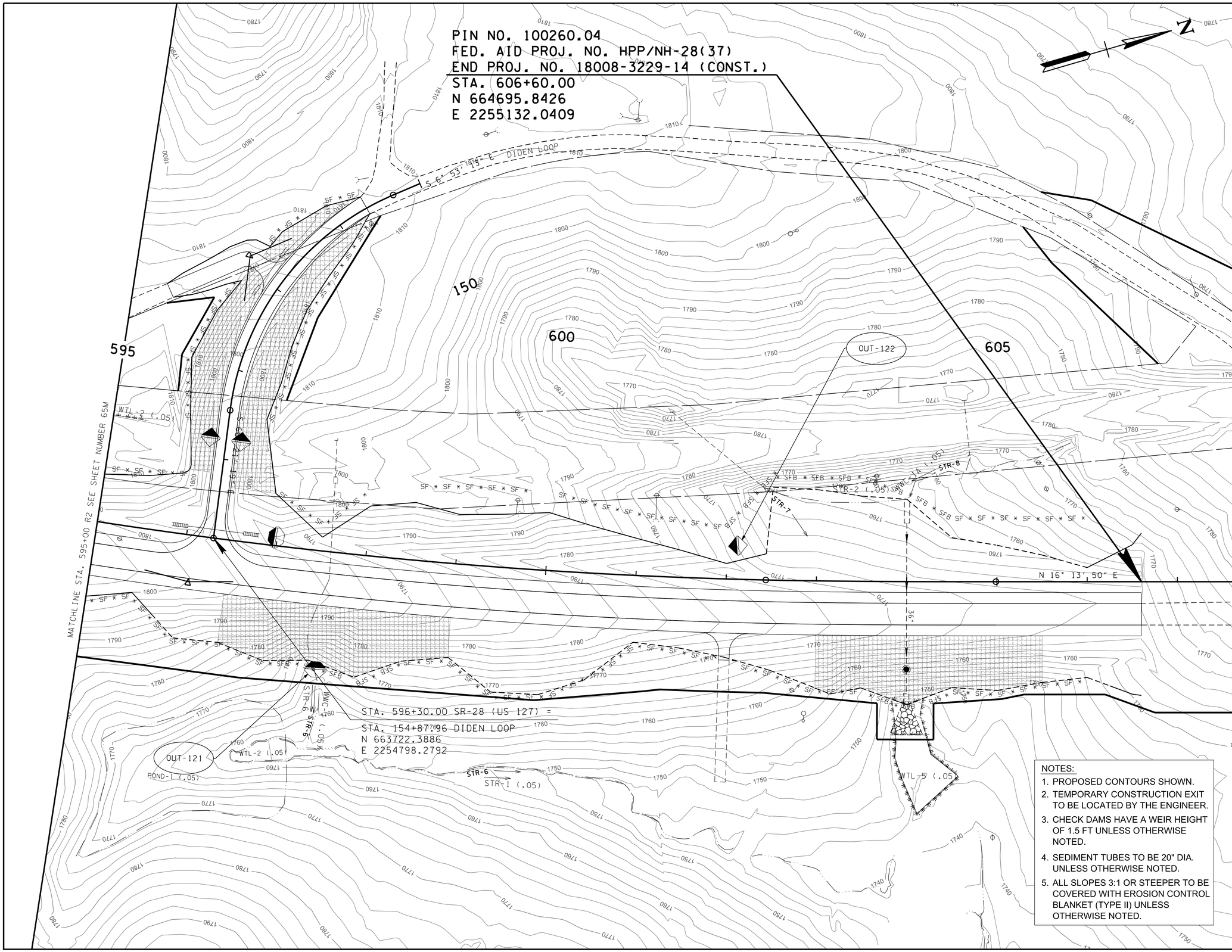
EPSC PLANS
STAGE 3

STA. 582+00 R2 TO STA. 595+00
SCALE: 1"= 50'

145

1/30/2026 2:25:56 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065M.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	65N
PIH	2025	HPP/NH-28 (37)	65N



NOTES:

1. PROPOSED CONTOURS SHOWN.
2. TEMPORARY CONSTRUCTION EXIT TO BE LOCATED BY THE ENGINEER.
3. CHECK DAMS HAVE A WEIR HEIGHT OF 1.5 FT UNLESS OTHERWISE NOTED.
4. SEDIMENT TUBES TO BE 20" DIA. UNLESS OTHERWISE NOTED.
5. ALL SLOPES 3:1 OR STEEPER TO BE COVERED WITH EROSION CONTROL BLANKET (TYPE II) UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLANS STAGE 3

STA. 595+00 R2 TO END PROJ.
SCALE: 1"= 50'

1/30/2026 2:25:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\065N.sht

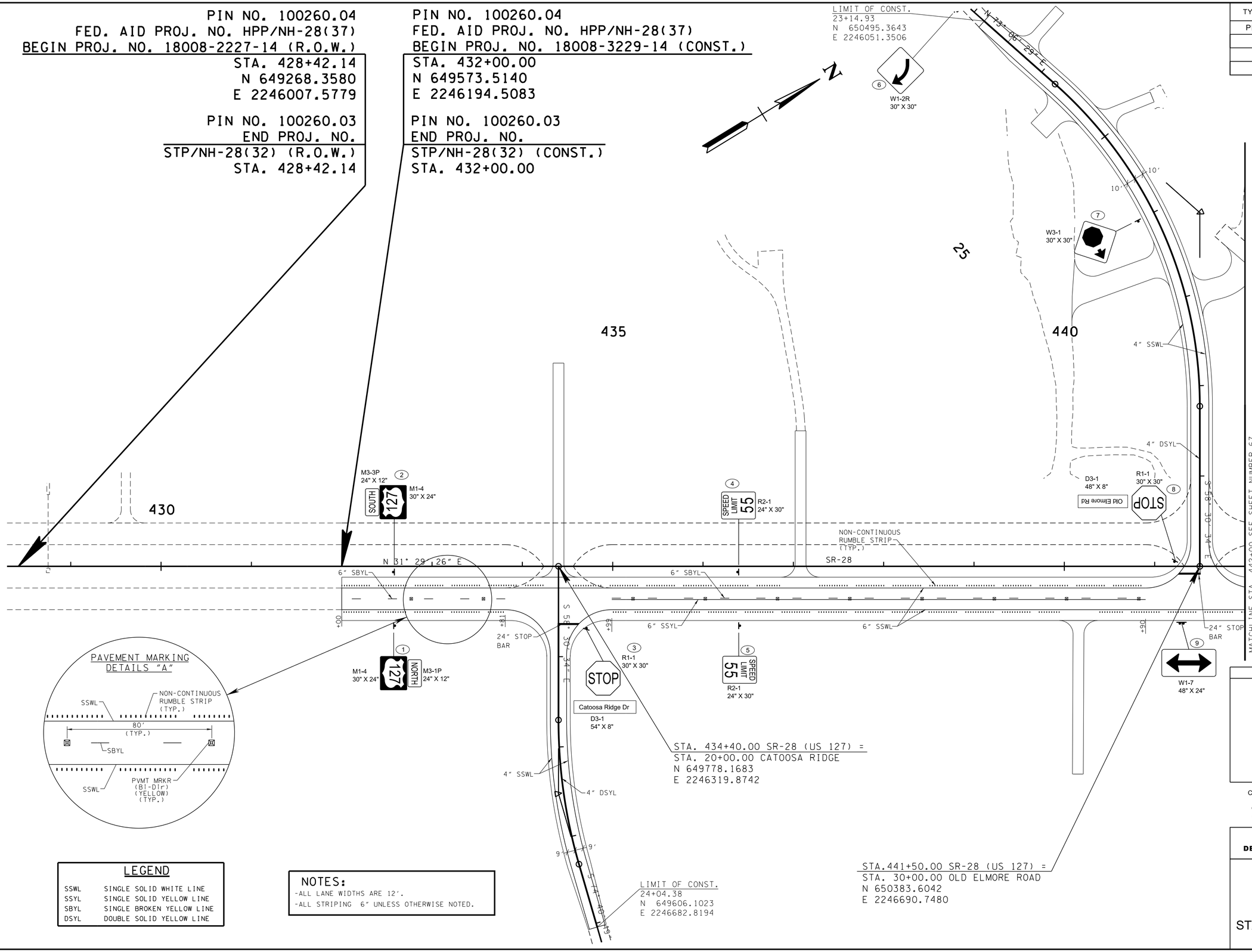
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	66

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA. 432+00 TO STA. 442+00
SCALE: 1"= 50'

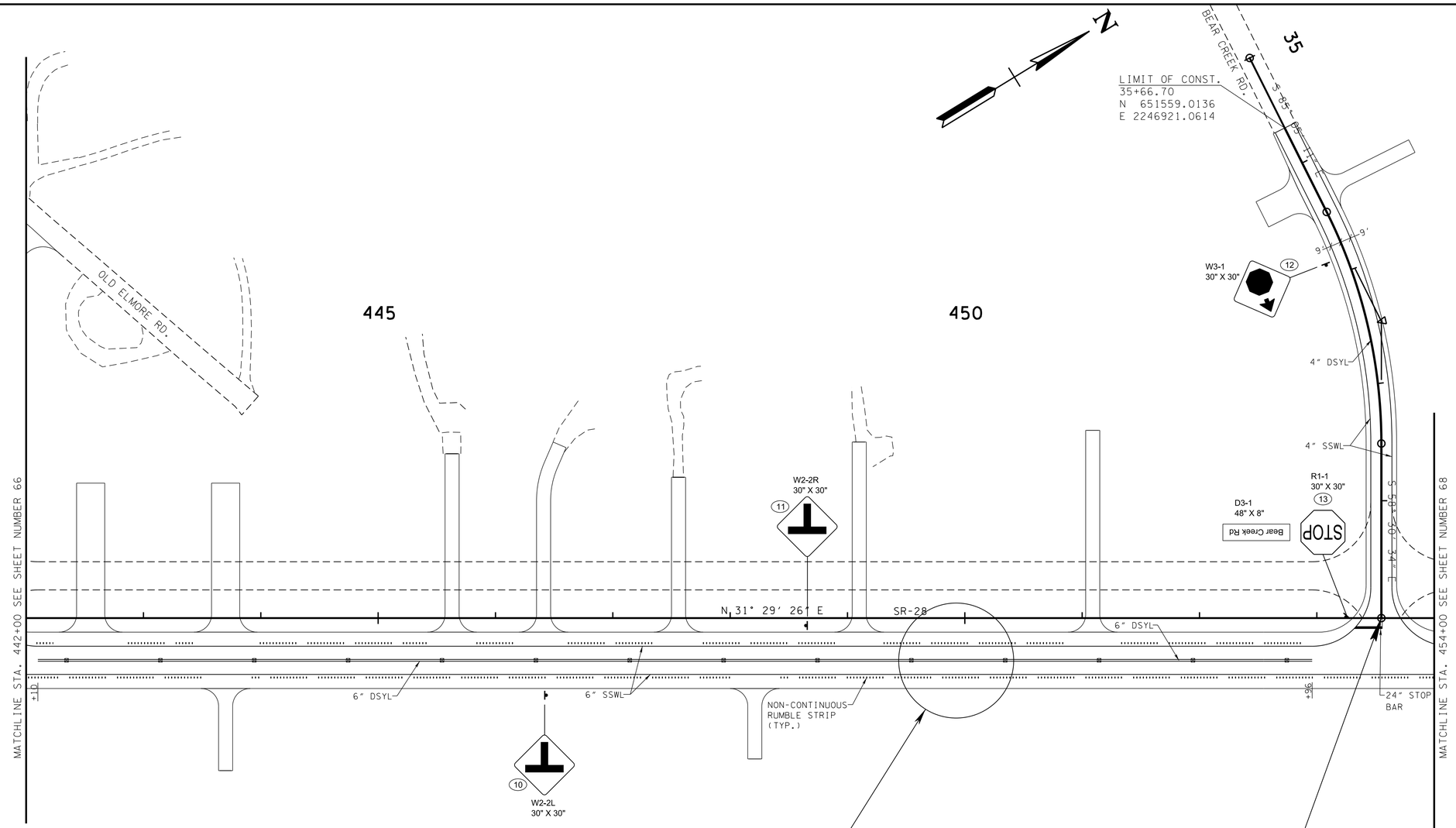
LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

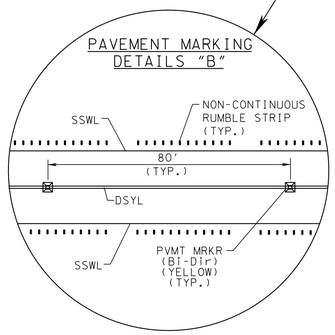
NOTES:
-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

1/30/2026 2:26:02 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\066.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	67



PAVEMENT MARKING
DETAILS "B"



STA. 453+55.00 SR-28 (US 127) =
STA. 40+00.00 BEAR CREEK ROAD
N 651411.1397
E 2247320.1889

LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

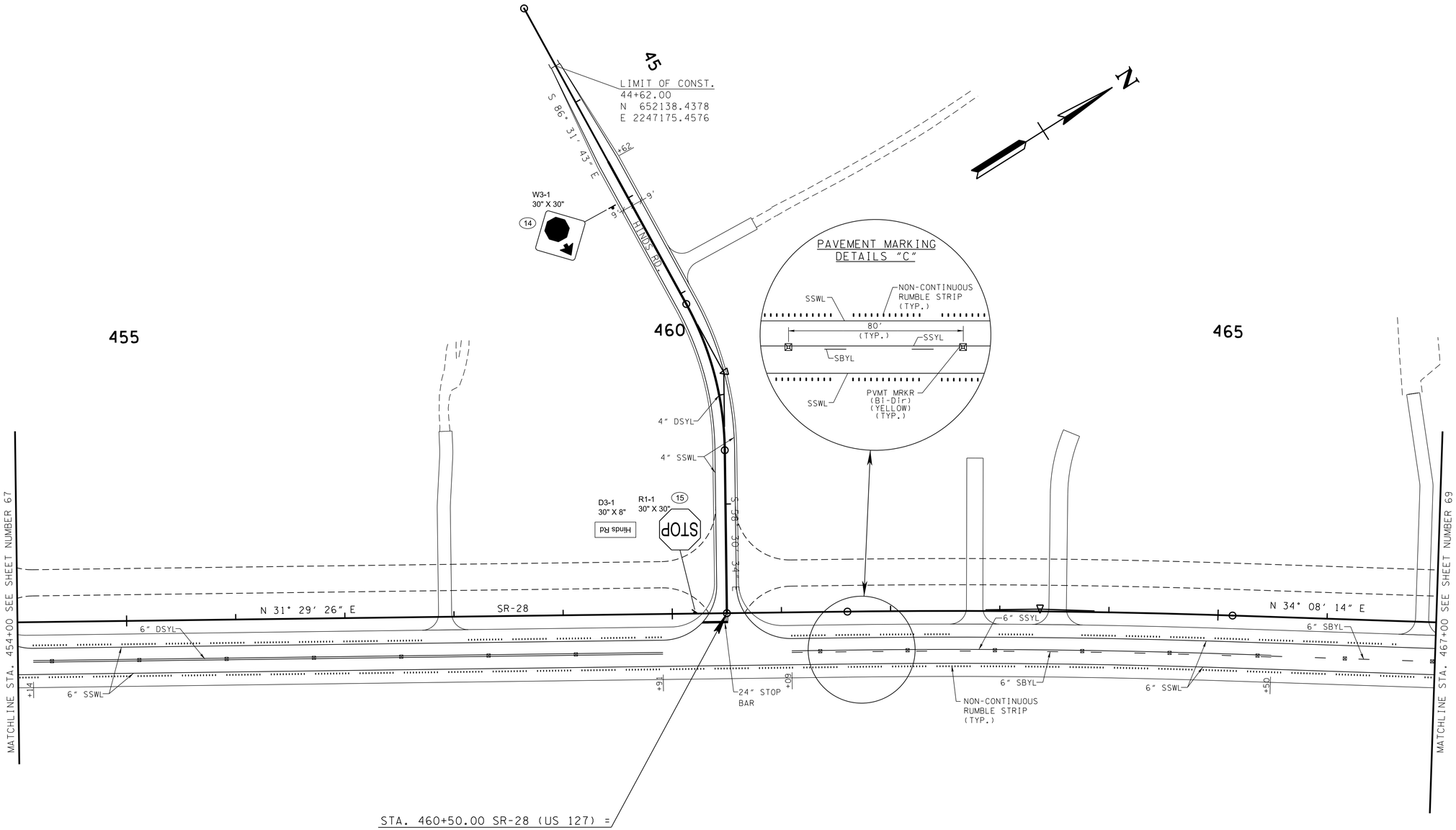
SIGNING AND PAVEMENT MARKING PLAN

STA. 442+00 TO STA. 454+00

SCALE: 1"= 50'

1/30/2026 2:26:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\067.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	68



STA. 460+50.00 SR-28 (US 127) =
STA. 50+00.00 HINDS ROAD
N 652003.7846
E 2247683.2274

LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

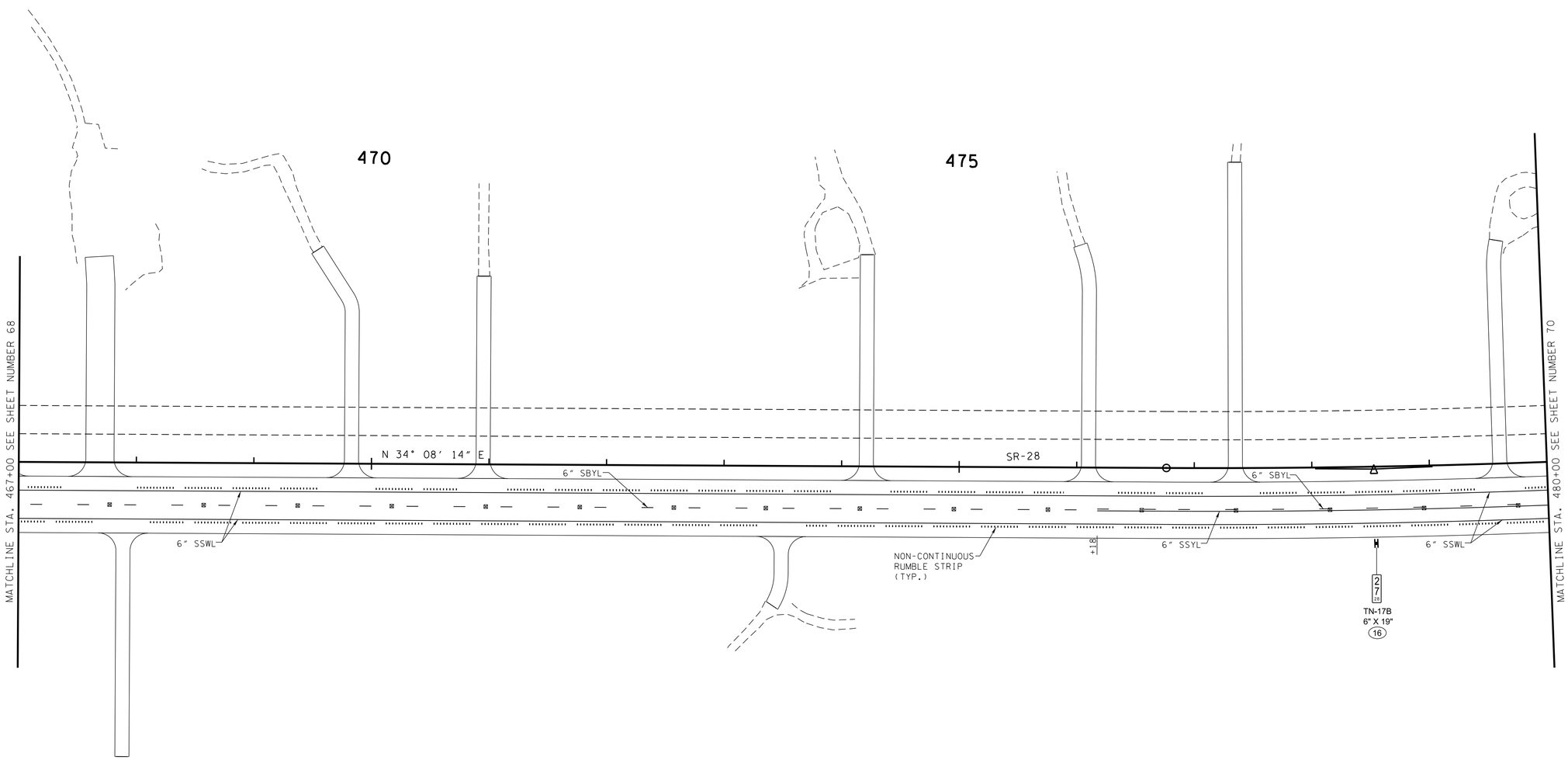
SIGNING AND PAVEMENT MARKING PLAN

STA. 454+00 TO STA. 467+00

SCALE: 1"= 50'

1/30/2026 2:26:05 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\068.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	69



LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

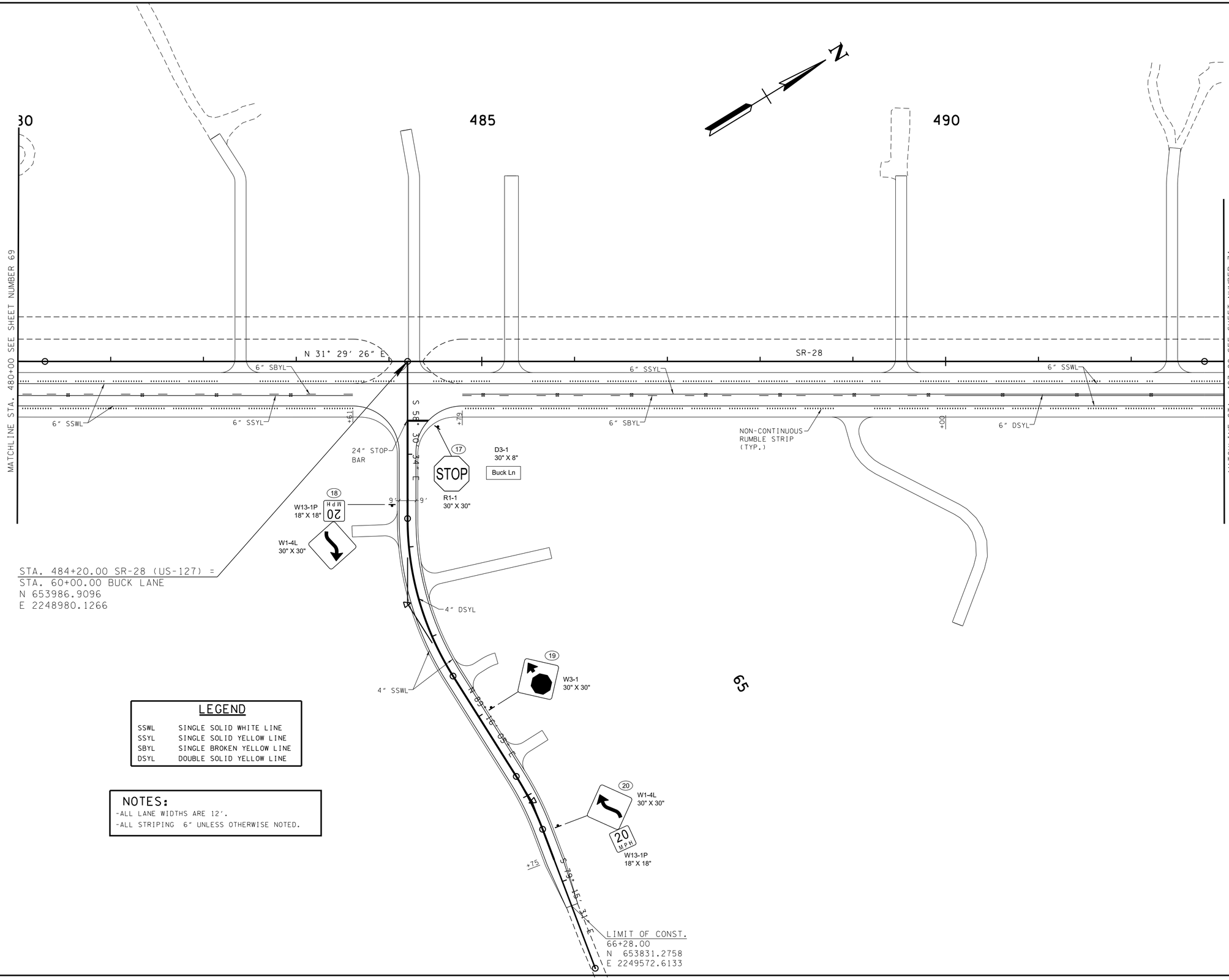
SIGNING AND PAVEMENT MARKING PLAN

STA. 467+00 TO STA. 480+00

SCALE: 1"= 50'

1/30/2026 2:26:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\069.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	70



65

LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

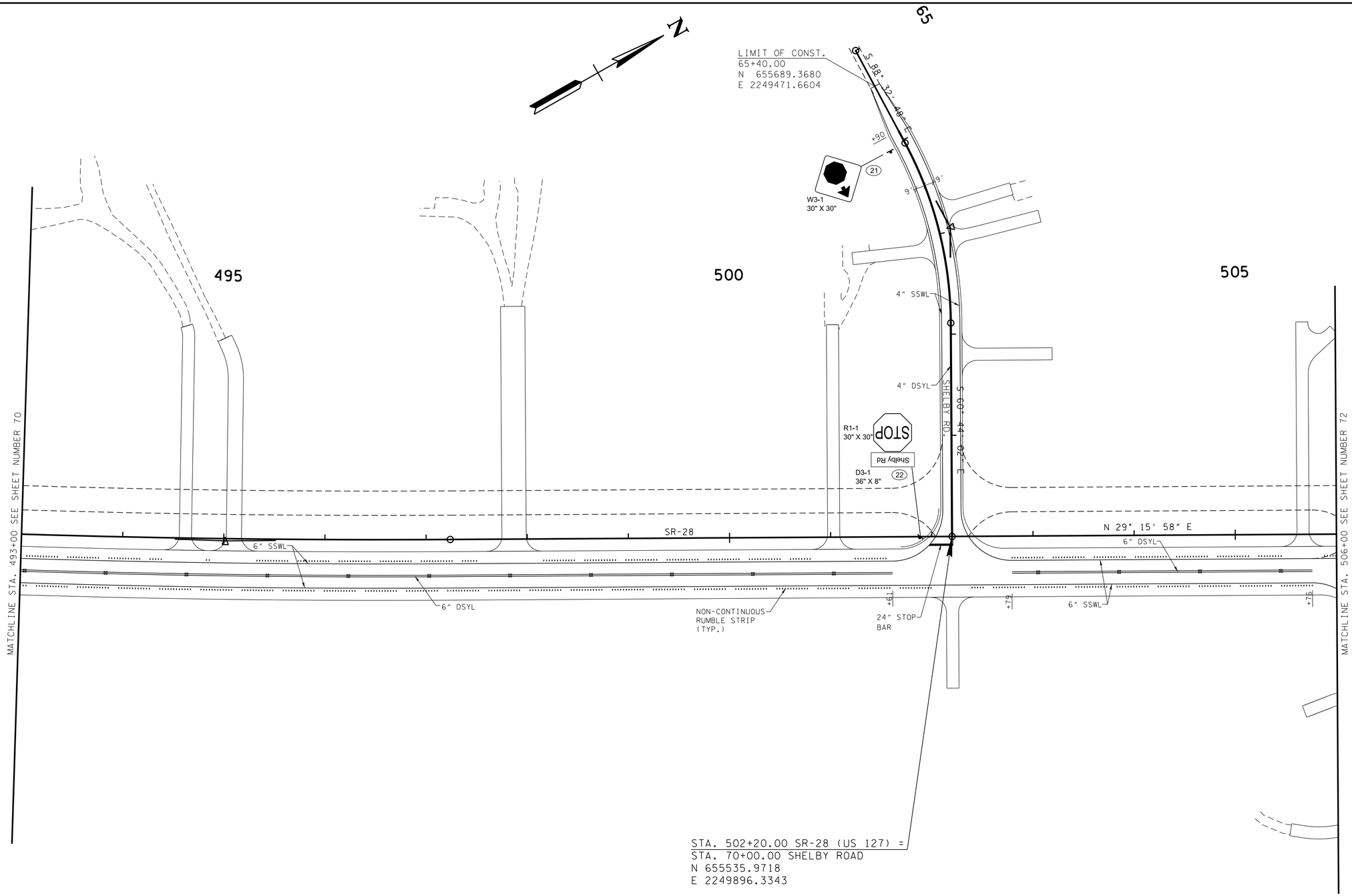
SIGNING AND PAVEMENT MARKING PLAN

STA. 480+00 TO STA. 493+00

SCALE: 1"= 50'

1/30/2026 2:26:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\070.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	71



LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

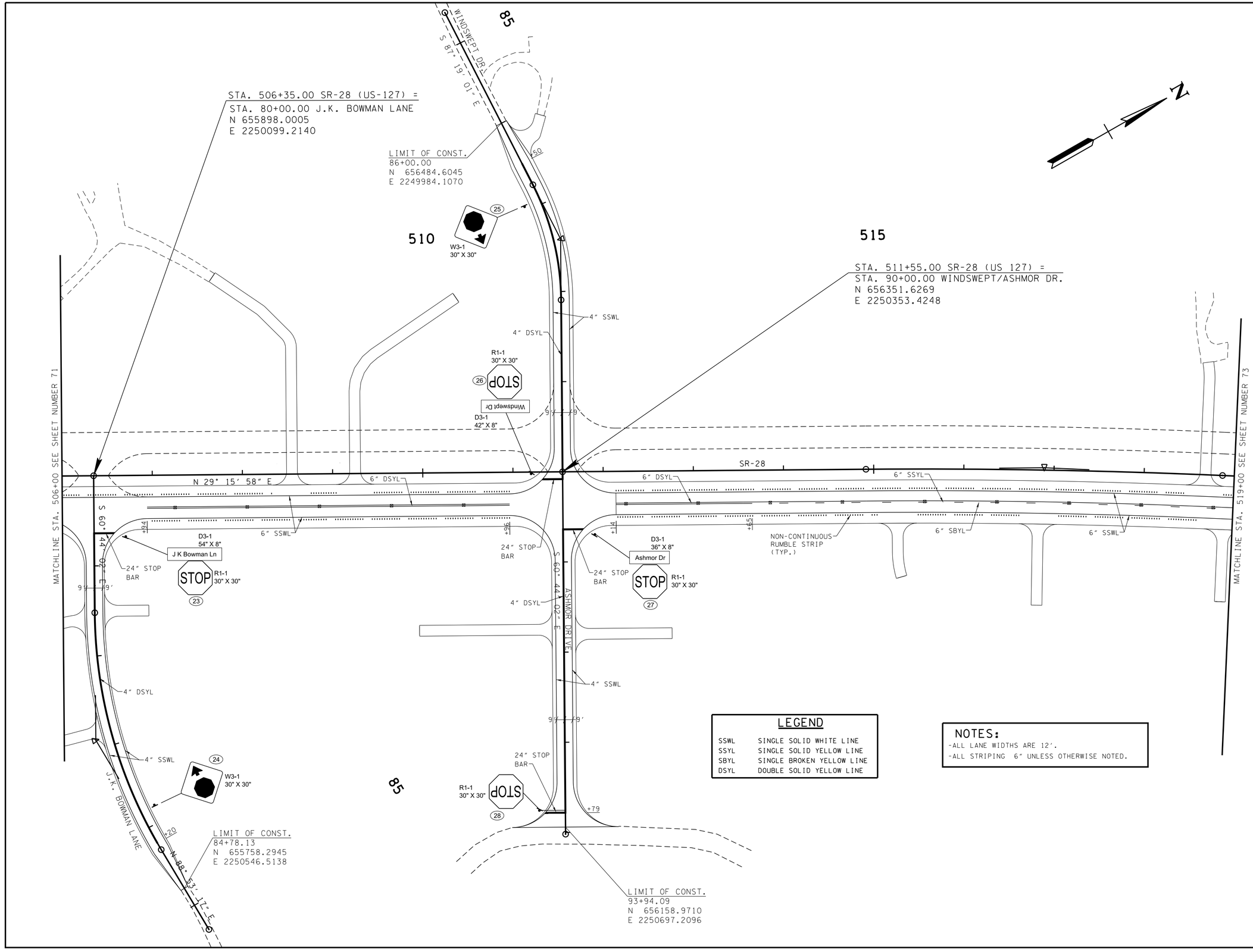
SIGNING AND PAVEMENT MARKING PLAN

STA. 493+00 TO STA. 506+00

SCALE: 1"= 50'

1/30/2026 2:26:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\071.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	72



LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

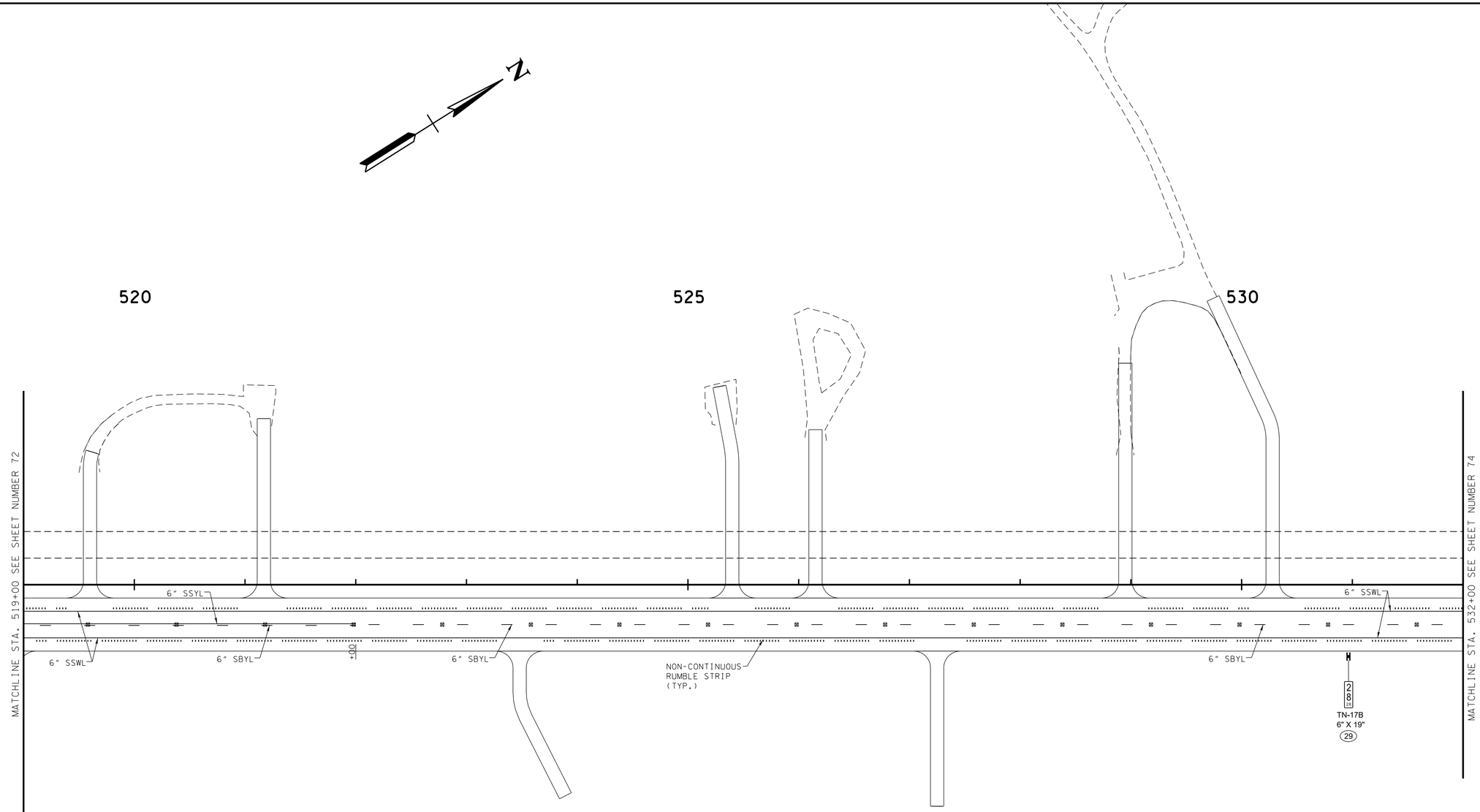
SIGNING AND PAVEMENT MARKING PLAN

STA. 506+00 TO STA. 519+00

SCALE: 1"= 50'

1/30/2026 2:26:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\072.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	73



LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

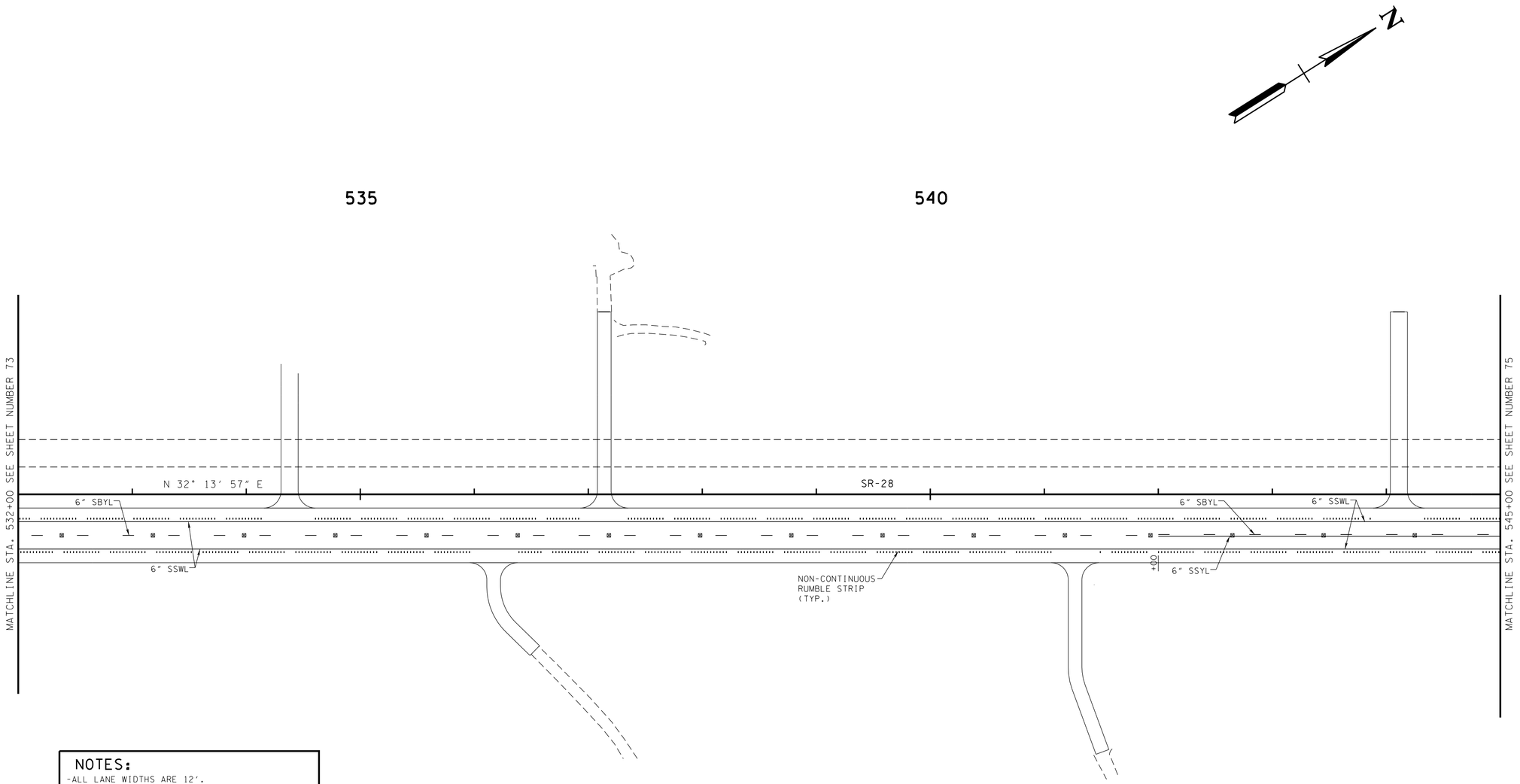
SIGNING AND PAVEMENT MARKING PLAN

STA. 519+00 TO STA. 532+00

SCALE: 1"= 50'

1/30/2026 2:26:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\073.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	74



NOTES:
-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 532+00 TO STA. 545+00

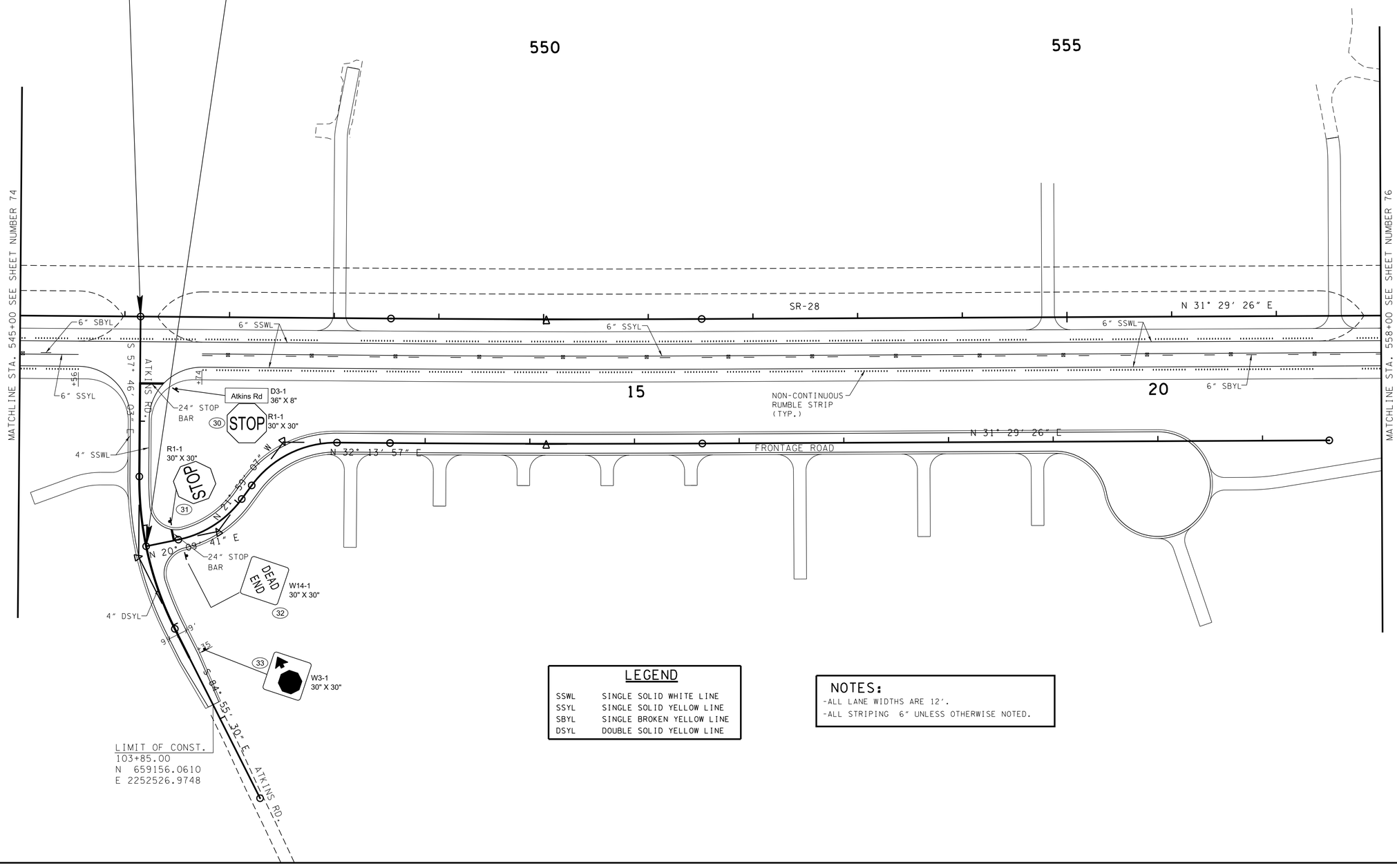
SCALE: 1"= 50'

1/30/2026 2:26:22 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\074.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	75

STA. 546+15.00 SR-28 (US 127)=
STA. 100+00.00 ATKINS ROAD
N 659292.6200
E 2252175.1224

STA. 102+20.00 ATKINS ROAD =
STA. 10+00.00 FRONTAGE ROAD
N 659181.4990
E 2252364.5534



LIMIT OF CONST.
103+85.00
N 659156.0610
E 2252526.9748

LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12′.
-ALL STRIPING 6″ UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

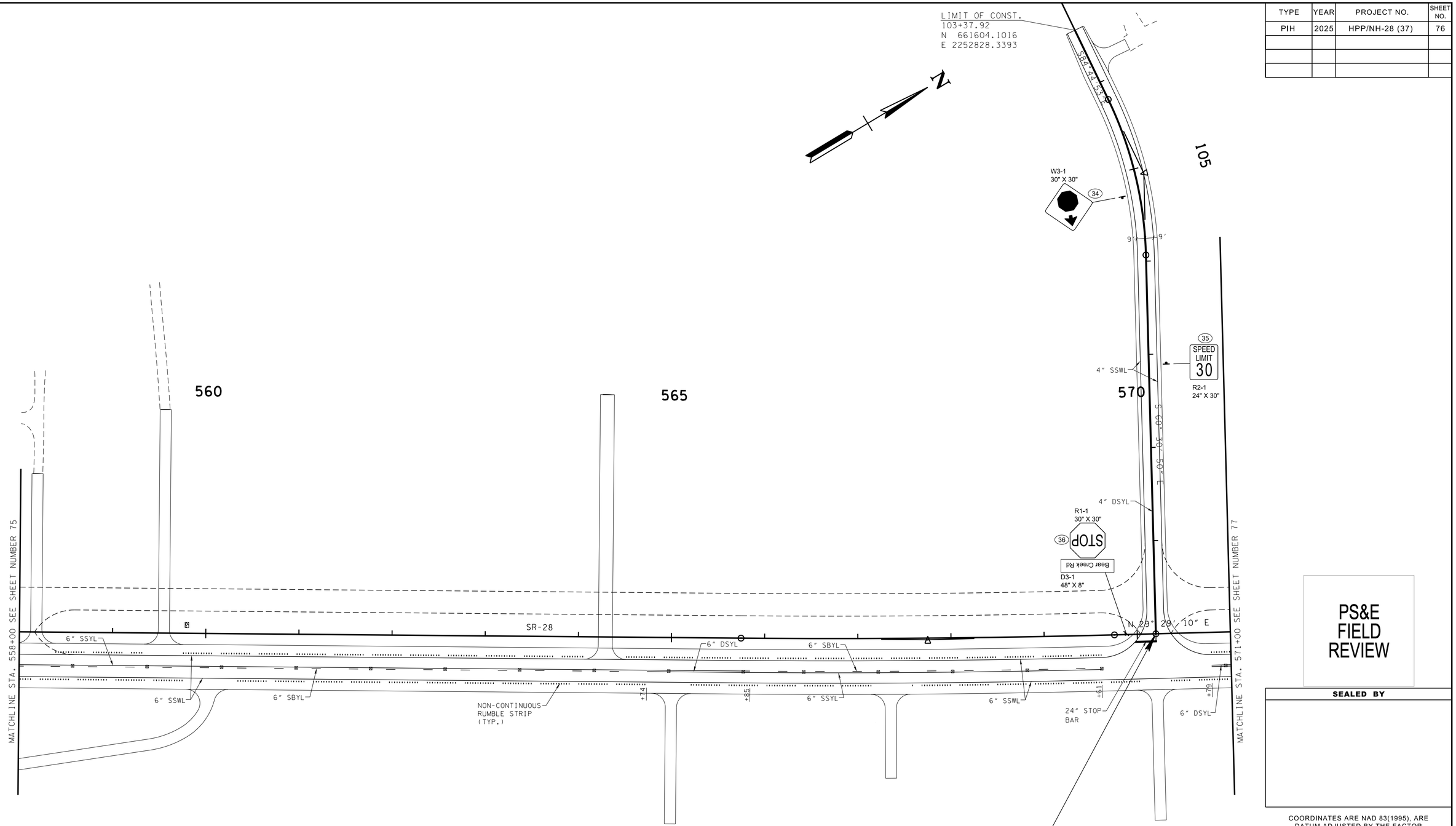
SIGNING AND PAVEMENT MARKING PLAN

STA. 545+00 TO STA. 558+00

SCALE: 1"= 50'

1/30/2026 2:26:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\075.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	76



LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

STA. 570+20.00 SR-28 (US 127)=
STA. 110+00.00 BEAR CREEK ROAD
N 661345.1632
E 2253428.2958

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 558+00 TO STA. 571+00

SCALE: 1"= 50'

1/30/2026 2:26:24 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\076.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	77

575

MATCHLINE STA. 571+00 SEE SHEET NUMBER 76

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER 78

N

N 29° 29′ 10″ E

N 29° 29′ 10″ E

SR-28

N 31° 29′ 26″ E

NON-CONTINUOUS RUMBLE STRIP (TYP.)

6″ SSWL

6″ DSYL

+80

6″ DSYL

+00

6″ SBYL

6″ DSYL

6″ SSYL

6″ SSWL

+49

+67

6″ SSYL

6″ SBYL

D3-1
30″ X 8″
Beaty Road

STOP R1-1
30″ X 30″
37

24″ STOP BAR

24″ STOP BAR

BEATY RD. S 60° 11′ 22″ E

4″ DSYL

4″ SSWL

9′ 9′

38

W3-1
30″ X 30″

LIMIT OF CONST.
125+88.15
N 661464.1002
E 2254162.5029

+40

S 60° 11′ 23″ E

STA. 574+40.00 SR-28 (US 127)=
STA. 120+00.00 BEATY ROAD
N 661710.6723
E 2253635.1842

STA. 581+08.18 SR-28 (US 127) =
STA. 130+00.00 BUTTERNUT RIDGE ROAD
N 662398.5212
E 2254050.7663

EQUATION:
STA. 581+35.50 BK =
STA. 580+00.00 AH

LIMIT OF CONST.
126+12.20
N 662591.4318
E 2253714.6583

S 29° 54′ 41″ E

+62

W3-1
30″ X 30″
39

9′ 9′

4″ SSWL

BUTTERNUT RIDGE RD.

S 58° 30′ 24″ E

40 SPEED LIMIT 30
R2-1
24″ X 30″

41 STOP 4″ DSYL
R1-1
30″ X 30″

Butternut Ridge Rd
D3-1
54″ X 8″

125

LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12′.
-ALL STRIPING 6″ UNLESS OTHERWISE NOTED.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

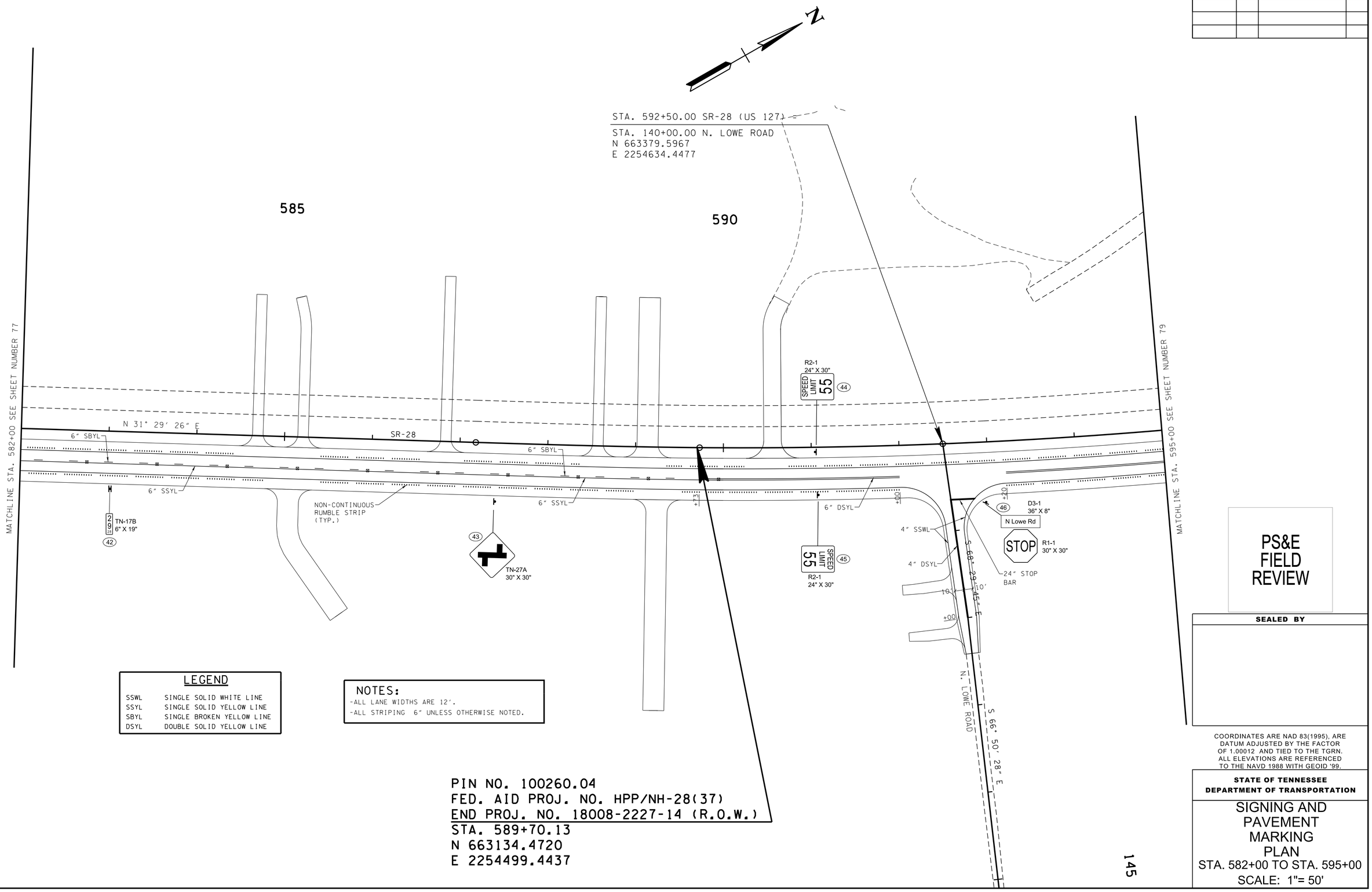
SIGNING AND PAVEMENT MARKING PLAN

STA.571+00 TO STA.582+00 R2

SCALE: 1"= 50'

1/30/2026 2:26:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\077.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	78



LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 582+00 TO STA. 595+00

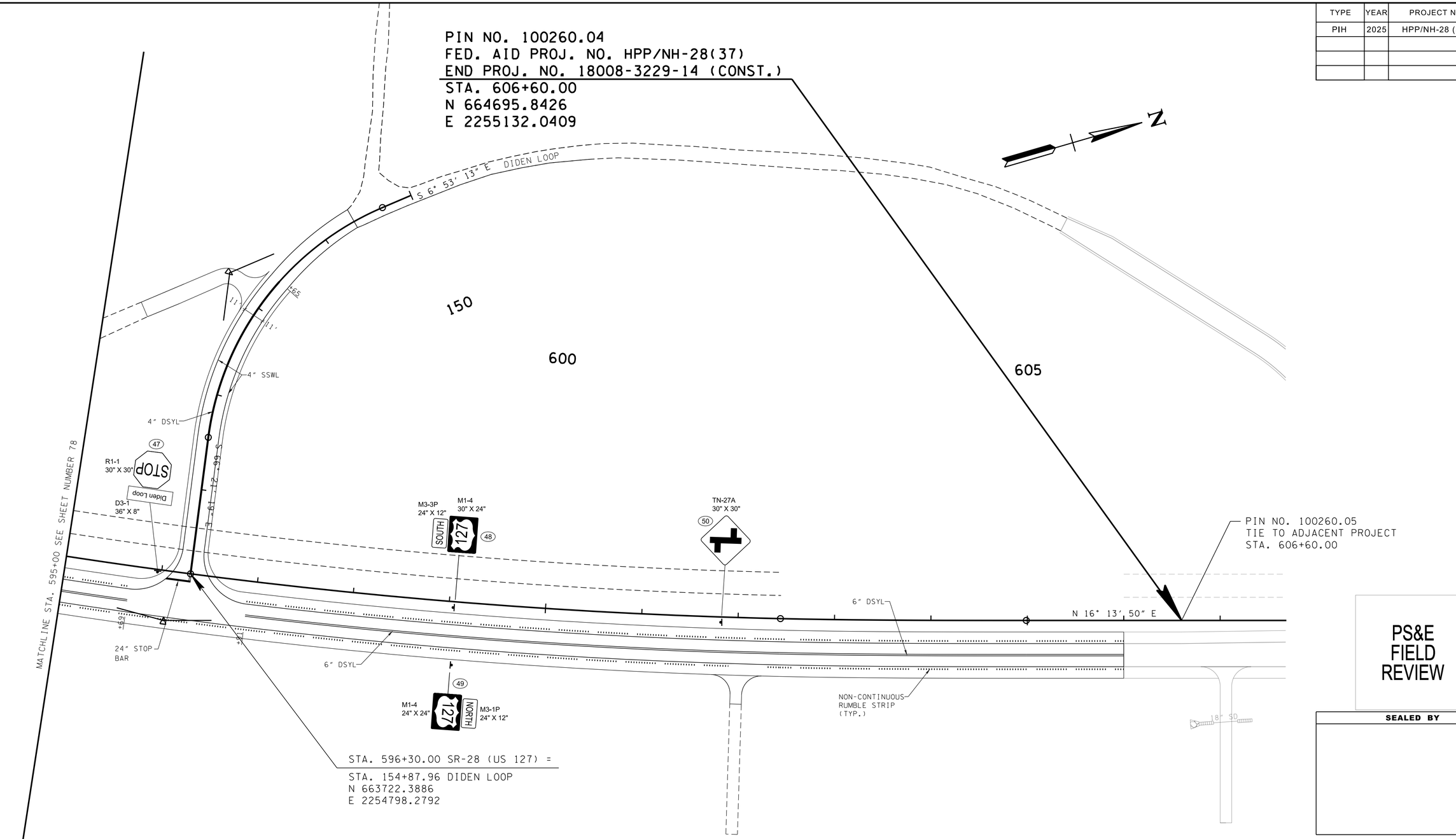
SCALE: 1"= 50'

145

1/30/2026 2:26:26 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\078.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	79

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409



PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 595+00 TO STA. 606+60

SCALE: 1"= 50'

LEGEND

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE

NOTES:

-ALL LANE WIDTHS ARE 12'.
-ALL STRIPING 6" UNLESS OTHERWISE NOTED.

1/30/2026 2:26:27 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\079.sht

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

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

SIGN NO	LEGEND		SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
				LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
1	NORTH 127	M3-1P M1-4	66	24"	12"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	P7	h=12'-0"				7'-0"	CONTRACTOR TO USE ITEM NO. 713-11.21, MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT (STD. DWG. T-S-23A)
49			79	30"	24"																		
2	SOUTH 127	M3-3P M1-4	66	24"	12"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	P7	h=12'-0"				7'-0"	CONTRACTOR TO USE ITEM NO. 713-11.21, MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT (STD. DWG. T-S-23A)
48			79	30"	24"																		
3			66																				CONTRACTOR TO USE ITEM NO. 713-11.21, MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT (STD. DWG. T-S-23A) 2" MINIMUM RETRO-REFLECTIVE STRIP (RED) ON FRONT OF SIGN POST. TO BE PAID FOR UNDER ITEM NO. 713-02.21, SIGN POST DELINEATION ENHANCEMENT. MOUNT ON SUPPORT PROVIDED FOR STOP SIGN STREET NAMES 03 = Catoosa Ridge Dr (54" X 8") 08 = Old Elmore Rd (48" X 8") 13 = Bear Creek Rd (48" X 8") 15 = Hinds Rd (30" X 8") 17 = Buck Ln (30" X 8") 22 = Shelby Rd (36" X 8") 23 = J K Bowman Ln (54" X 8") 26 = Windswept Dr (42" X 8") 27 = Ashmor Dr (36" X 8") 30 = Atkins Rd (36" X 8") 36 = Bear Creek Rd (48" X 8") 37 = Beaty Rd (30" X 8") 41 = Butternut Ridge Rd (54" X 8") 46 = N Lowe Rd (36" X 8") 47 = Diden Loop (36" X 8")
8																							
13			67																				
15			68																				
17			70																				
22			71																				
23	Street Name Dr	D3-1	72	VARIES	8"			4"	3"		"D"			WHITE (REF.)	GREEN (REF.)	SHEET ALUMINUM (0.100" THICK)	P1	h=10'-9"				7'-0"	
26								3"	2.25"														
27	STOP	R1-1		30"	30"									WHITE (REF.)	RED (REF.)	SHEET ALUMINUM (0.080" THICK)							
30			75																				
36			76																				
37			77																				
41																							
46			78																				
47			79																				
4	SPEED LIMIT 55	R2-1	66	24"	30"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	P1	h=11'-3"				7'-0"	CONTRACTOR TO USE ITEM NO. 713-11.21, MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT (STD. DWG. T-S-23A)
5																							
44			78																				
45																							
35	SPEED LIMIT 30	R2-1	76	24"	30"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	P1	h=13'-0"				5'-0"	
40			77																				
6		W1-2R	66	30"	30"									BLACK	YELLOW (REF.)	SHEET ALUMINUM (0.080" THICK)	P1	h=11'-0"				5'-0"	2" MINIMUM RETRO-REFLECTIVE STRIP (YELLOW) ON FRONT OF SIGN POST. TO BE PAID FOR UNDER ITEM NO. 713-02.21, SIGN POST DELINEATION ENHANCEMENT.
9		W1-7	66	48"	24"									BLACK	YELLOW (REF.)	SHEET ALUMINUM (0.100" THICK)	P1	h1=10'-6" h2=10'-6"				7'-0"	CONTRACTOR TO USE ITEM NO. 713-11.21, MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT (STD. DWG. T-S-23A) 2" MINIMUM RETRO-REFLECTIVE STRIP (YELLOW) ON FRONT OF SIGN POST. TO BE PAID FOR UNDER ITEM NO. 713-02.21, SIGN POST DELINEATION ENHANCEMENT.
10		W2-2L/R	67	30"	30"									BLACK	YELLOW (REF.)	SHEET ALUMINUM (0.080" THICK)	P7	h=12'-6"				7'-0"	CONTRACTOR TO USE ITEM NO. 713-11.21, MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT (STD. DWG. T-S-23A) 2" MINIMUM RETRO-REFLECTIVE STRIP (YELLOW) ON FRONT OF SIGN POST. TO BE PAID FOR UNDER ITEM NO. 713-02.21, SIGN POST DELINEATION ENHANCEMENT.
11																							

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HPP/NH-28 (37)	80

U- .E

BID ITEM 713-11.0	
2#/FT. U	1
2.5#/FT.	R2*
3#/FT. U	
4#/FT. U	

* PA

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

1/30/2026 2:26:27 PM
P:\2099 Projects\09-05-0201 - SR-28\Transportation\Sheets\080.sht

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	STP/M-268(4)	75

SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.		
3	EAST M3-2 268 TN-6B	56	24" 30"	12" 24"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	U6	h=13'-6"				7'-0"	
4	BIKE LANE R3-17 ENDS R3-17bP	56	30" 24"	24" 9"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	U6	h=13'-6"				7'-0"	
6	SOUTH M3-3 41 M1-4 EAST M3-2 70S M1-4 M5-1L	57	24" 24" 24" 30" 21"	12" 24" 12" 24" 15"	4.5"								BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	P4	h=16'-3"				6'-0"*	* 6'-0" TO BOTTOM OF M6-3
7	NORTH M3-1 41 M1-4 WEST M3-4 70S M1-4 M5-1R	57	24" 24" 24" 30" 21"	12" 24" 12" 24" 15"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	P4	h=16'-3"				6'-0"*	* 6'-0" TO BOTTOM OF M6-1
5 13 24 25 43 44 59 65	SPEED LIMIT 40 R2-1	57 58 62 62 68 68 70 73	30"	36"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	U4	h=13'-6"				7'-0"	
8	H D9-2 HOSPITAL D9-2 M6-3	57	24" 24" 21"	24" 12" 15"									WHITE (REF.)	BLUE (REF.)	SHEET ALUMINUM (0.080" THICK)	U4	h=13'-9"				6'-0"*	* 6'-0" TO BOTTOM OF M6-3
10	JCT M2-1 41 M1-4 70S M1-4	57	21" 24" 30"	15" 24" 24"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	U4	h=15'-9"					
11 12 17 18	CENTER LANE ONLY R3-9b	58 58 60 60	24"	36"									BLACK	WHITE (REF.)	SHEET ALUMINUM (0.080" THICK)	U2	h=13'-6"				7'-0"	

U-POST SUBSTITUTION TABLE

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

* PAID AT A RATE OF 2.5#/FT.
** NO. 9 PURPOSELY OMITTED

PS&E FIELD REVIEW

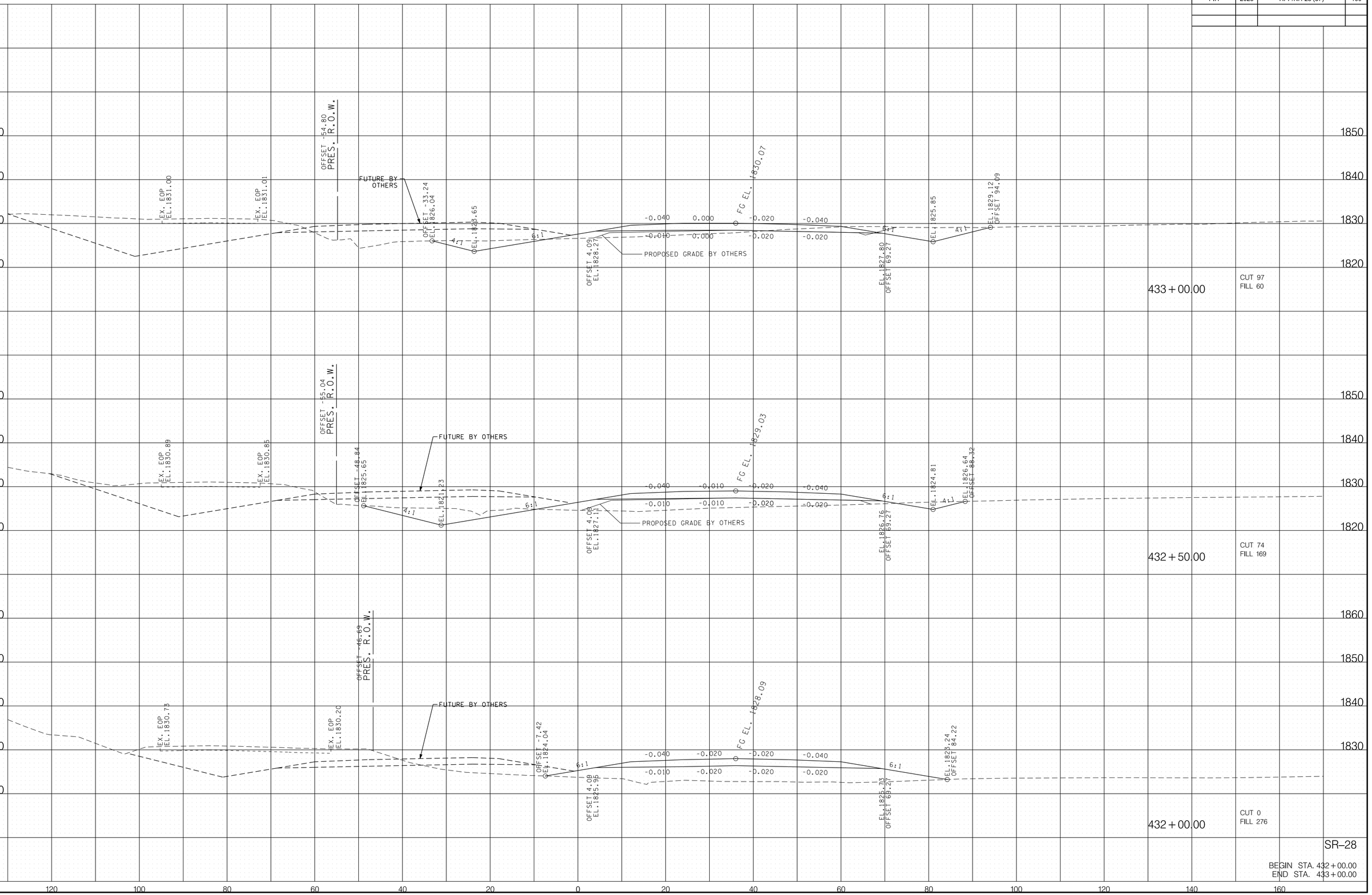
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE SHEET

1/30/2026 2:26:28 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\081.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	100
PIH	2025	HPP/NH-28 (37)	100

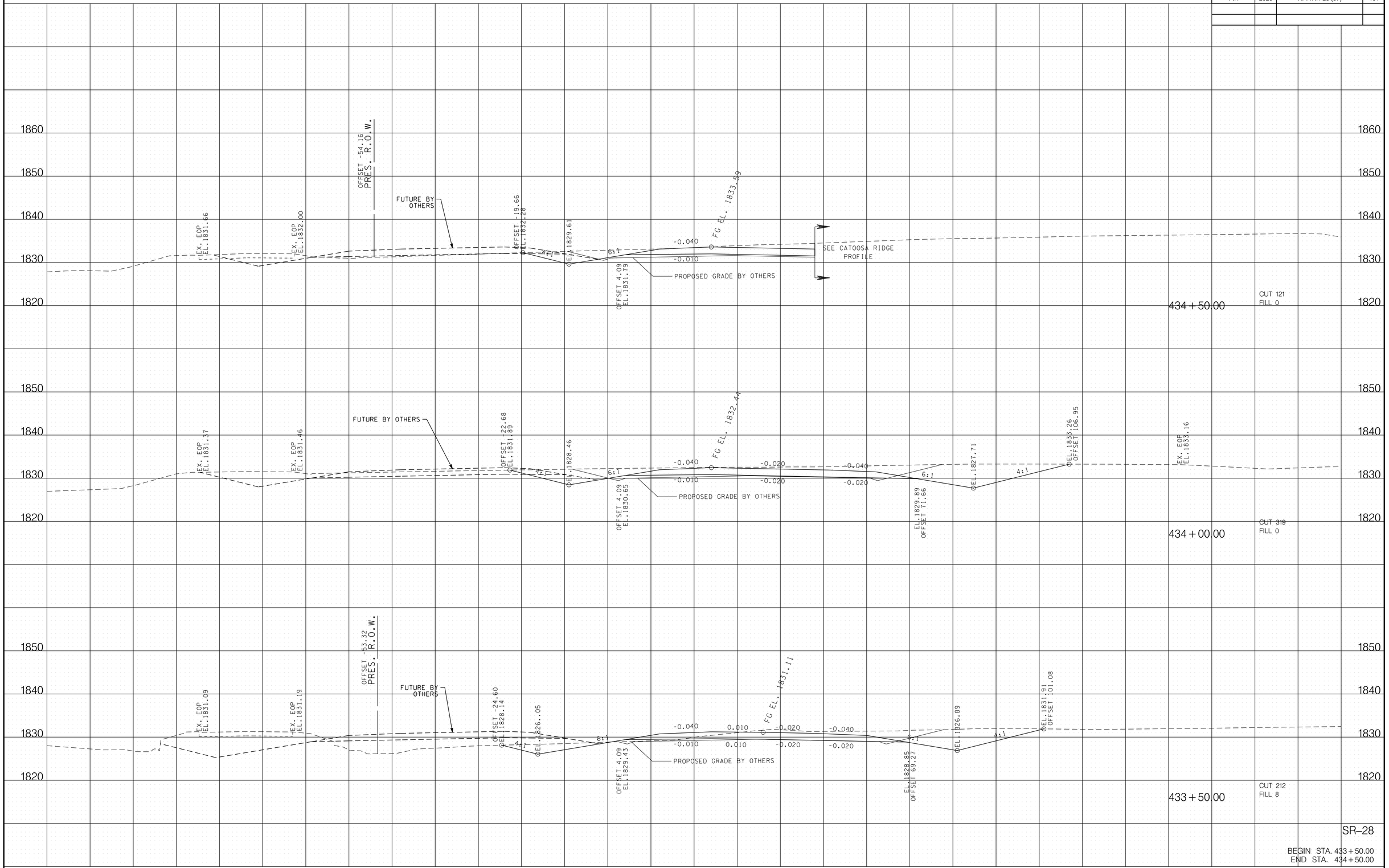


SR-28

BEGIN STA. 432+00.00
END STA. 433+00.00

1/30/2026 2:26:38 PM
R:\2009 Projects\09-05-0201-SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	101
PIH	2025	HPP/NH-28 (37)	101

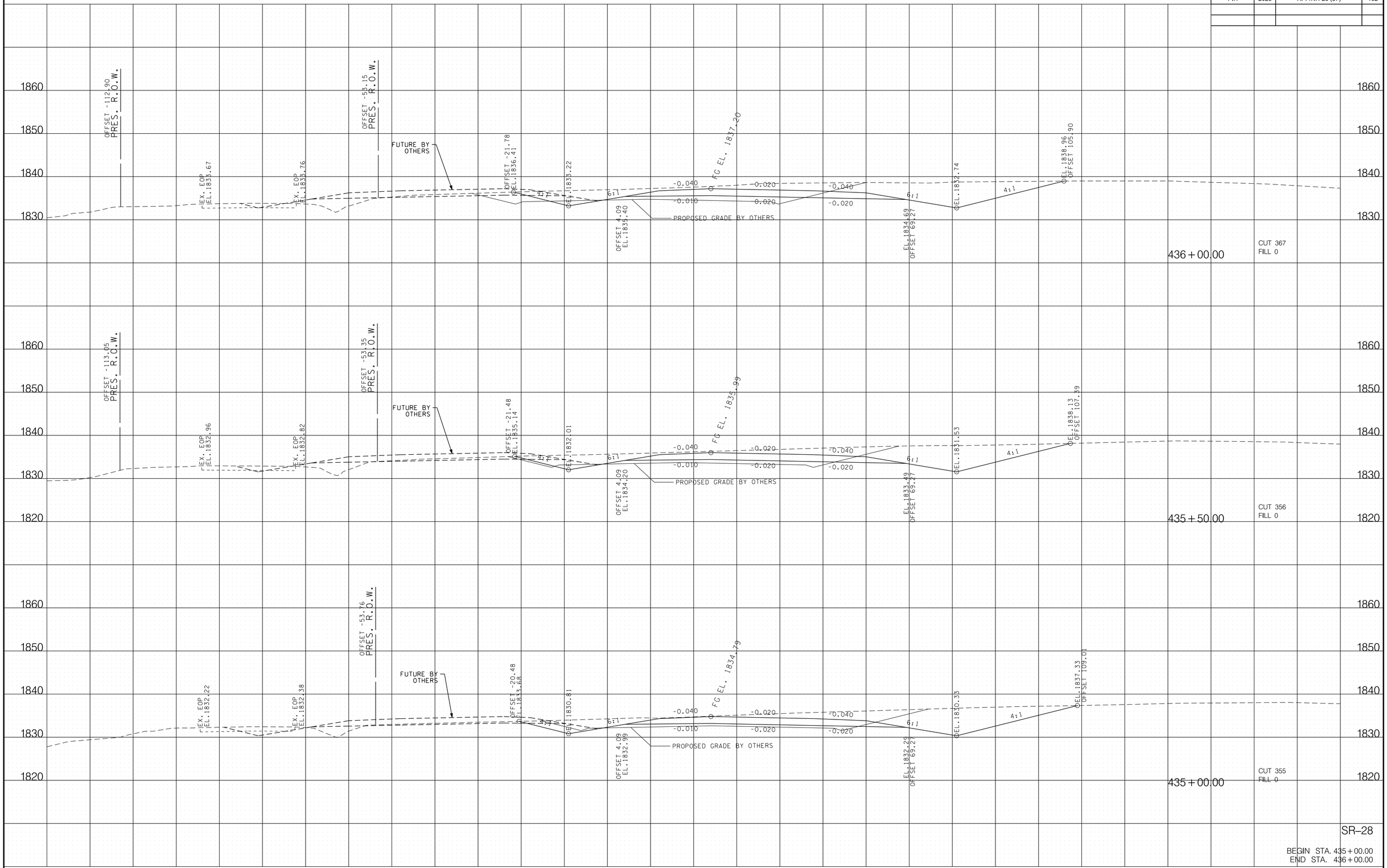


SR–28

BEGIN STA. 433 + 50.00
END STA. 434 + 50.00

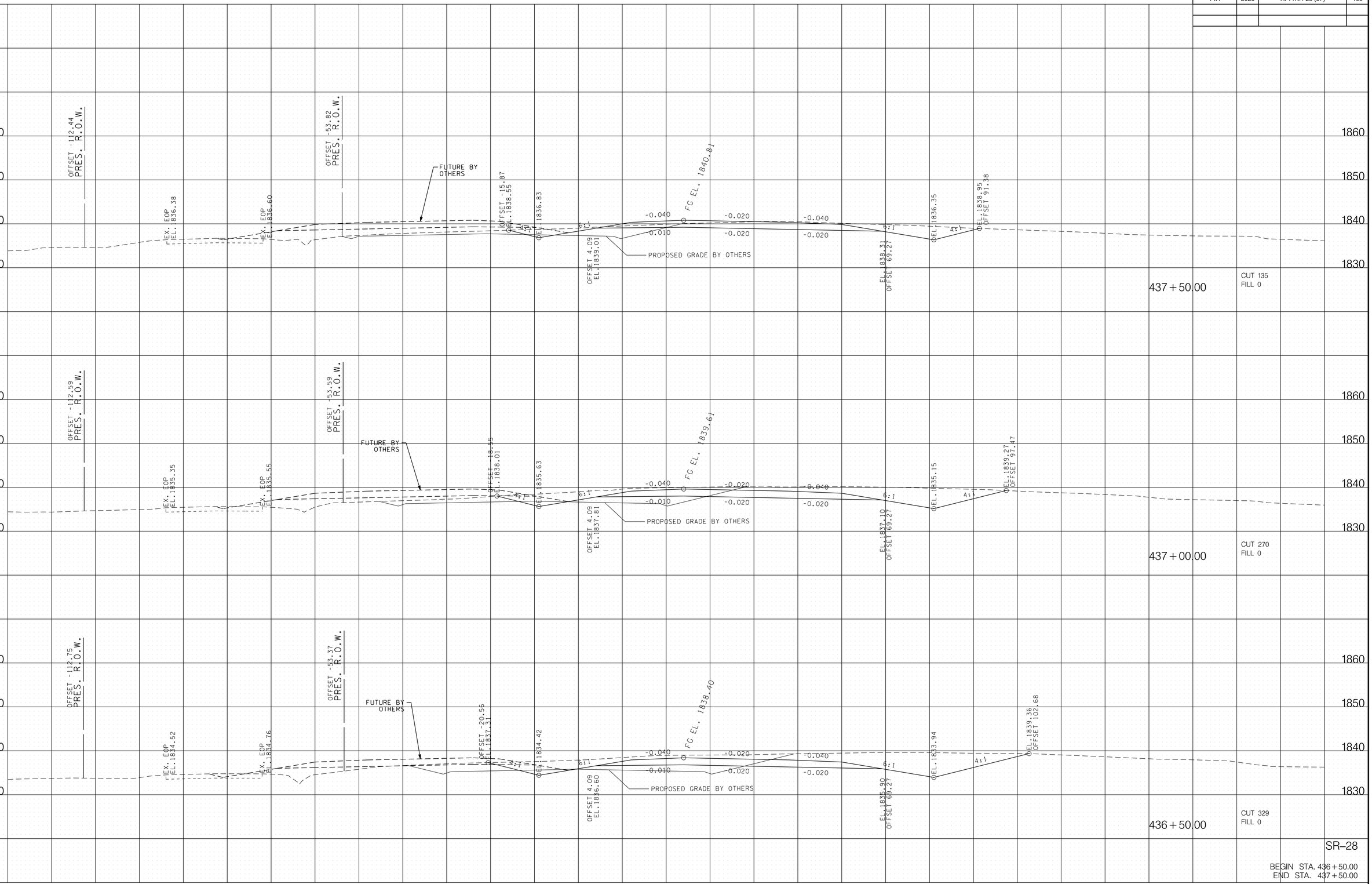
1/30/2026 2:26:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	102
PIH	2025	HPP/NH-28 (37)	102



1/30/2026 2:26:44 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	103
PIH	2025	HPP/NH-28 (37)	103

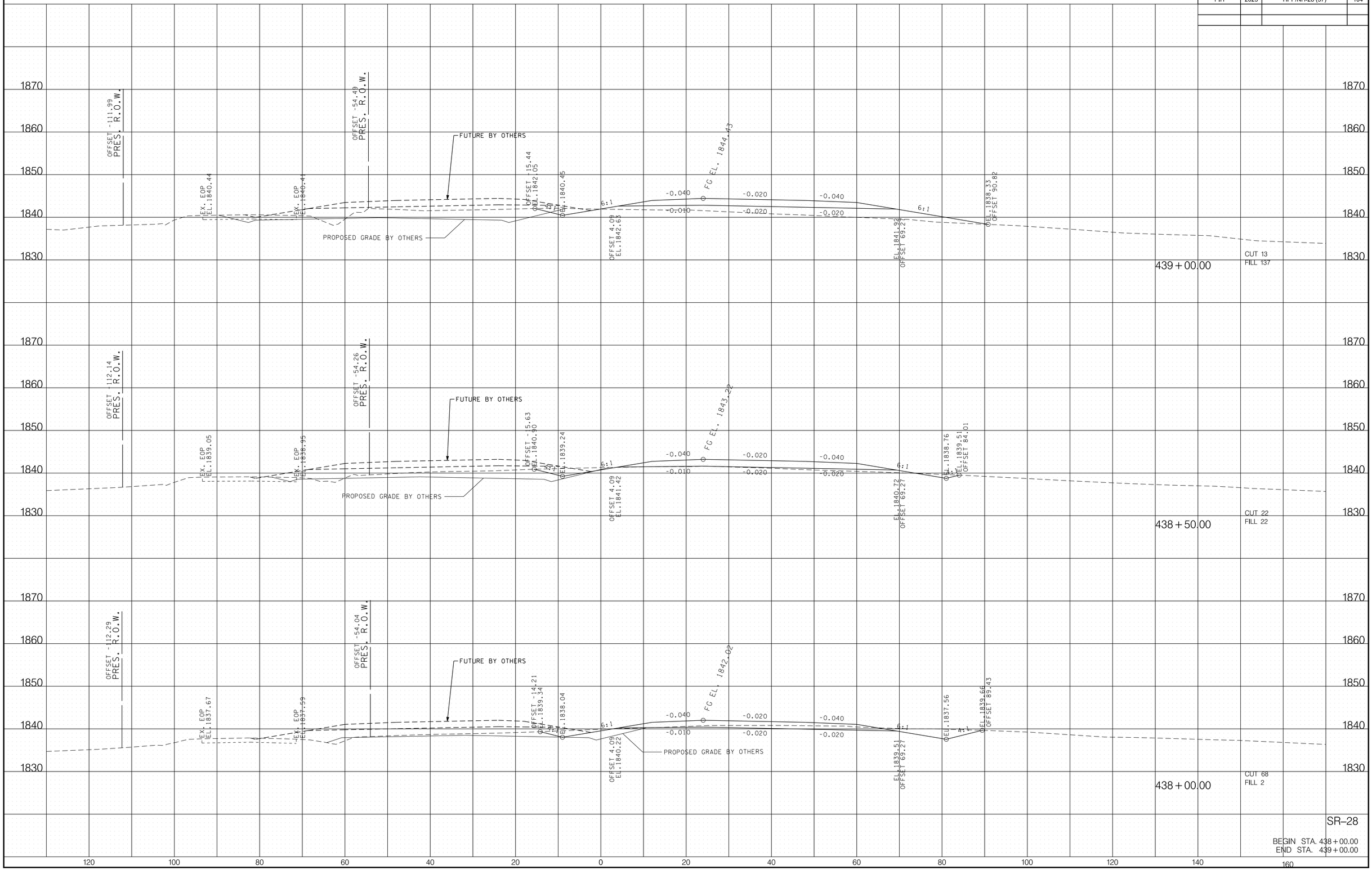


SR–28

BEGIN STA. 436 + 50.00
END STA. 437 + 50.00

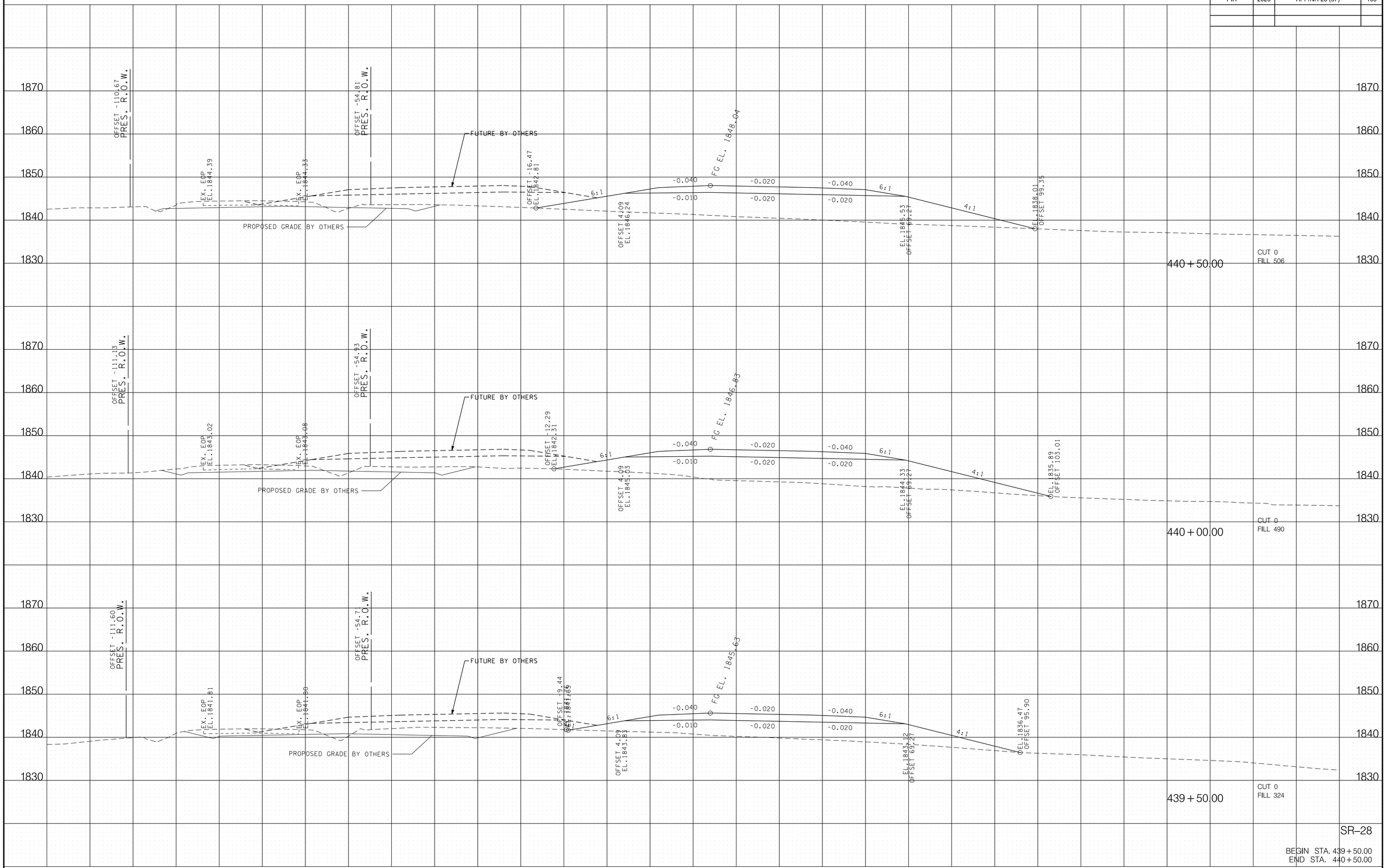
1/30/2026 2:26:46 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	104
PIH	2025	HPP/NH-28 (37)	104



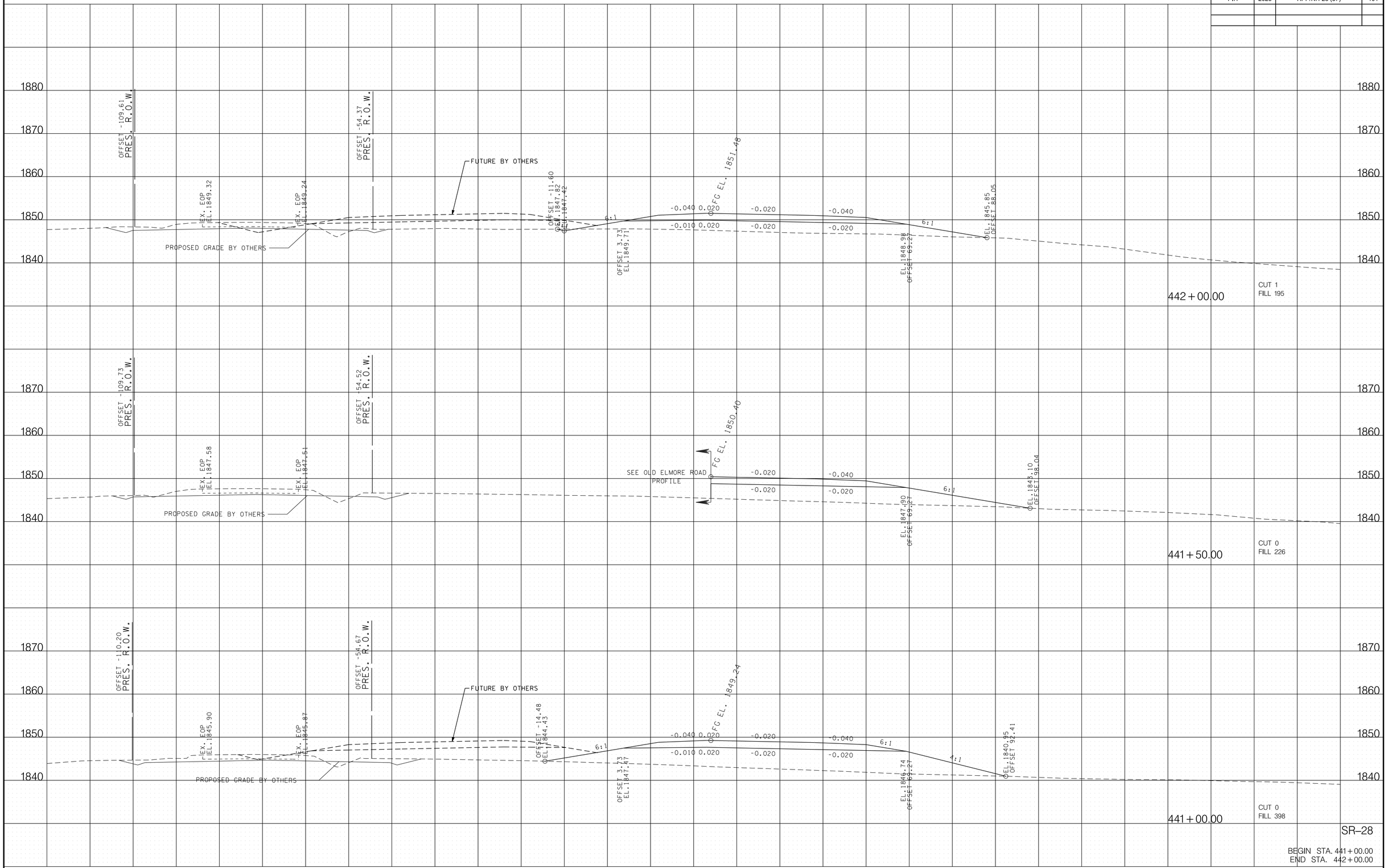
1/30/2026 2:26:49 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	105
PIH	2025	HPP/NH-28 (37)	100



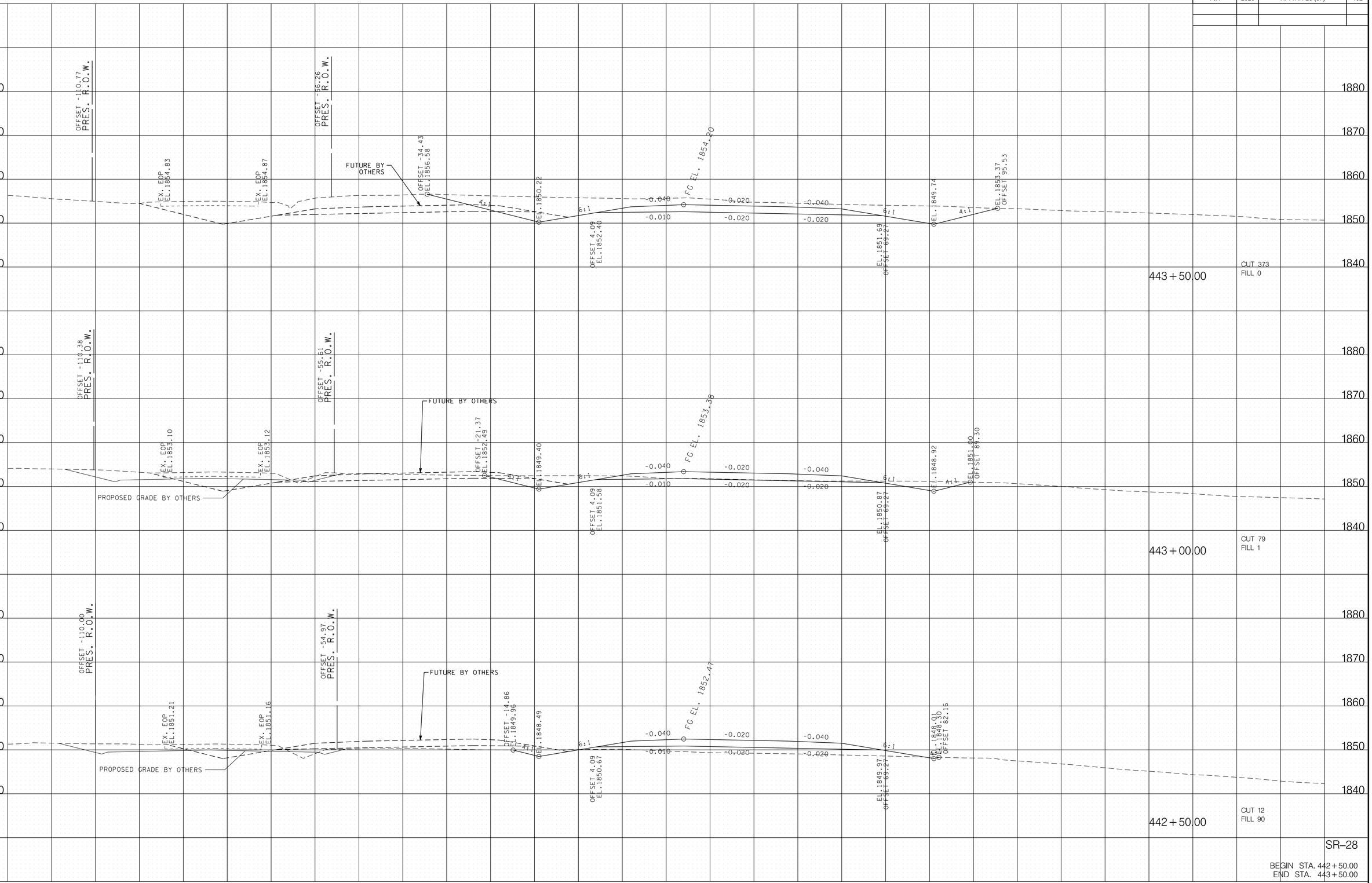
1/30/2026 2:26:52 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	106
PIH	2025	HPP/NH-28 (37)	101



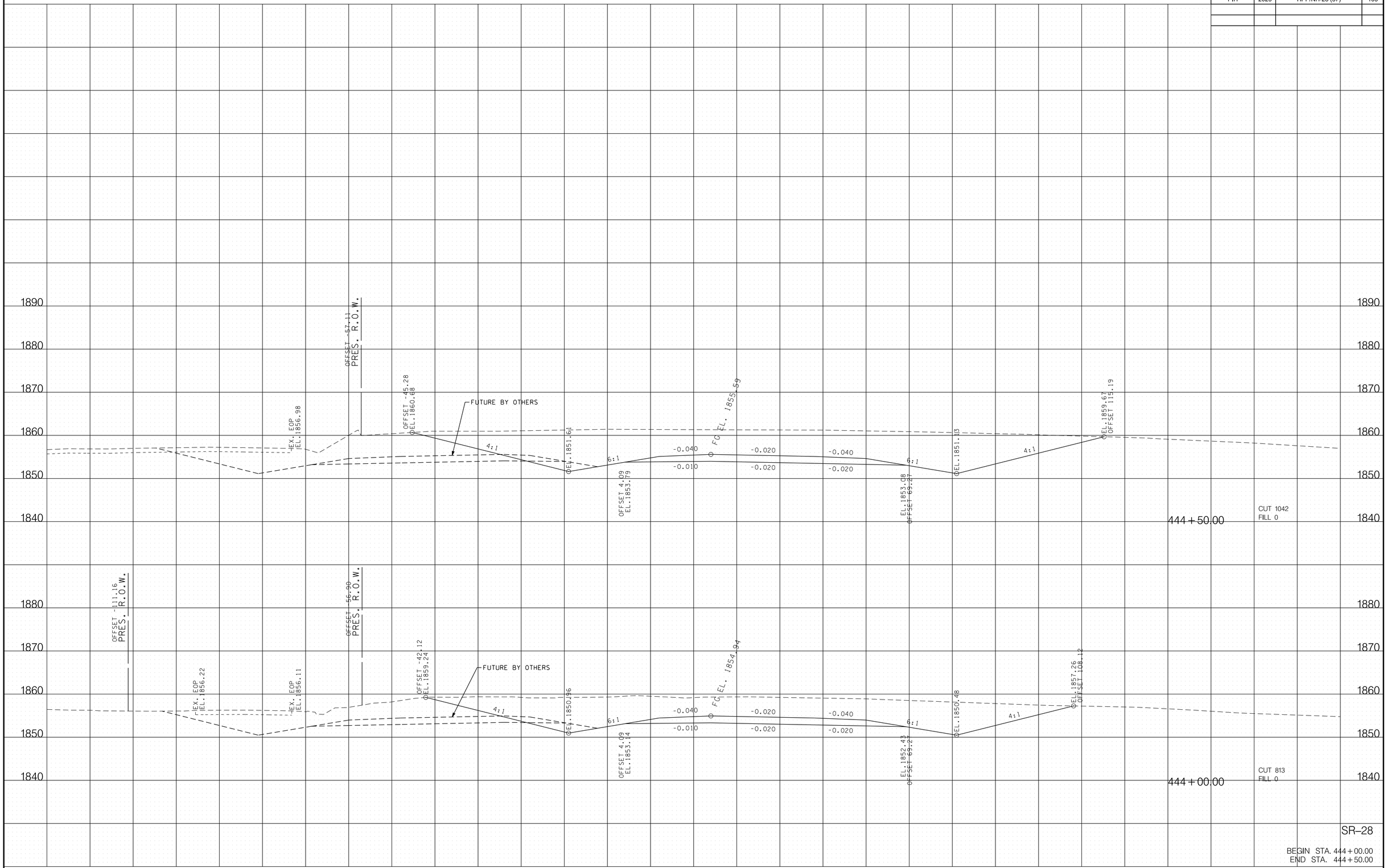
1/30/2026 2:26:55 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	107
PIH	2025	HPP/NH-28 (37)	102



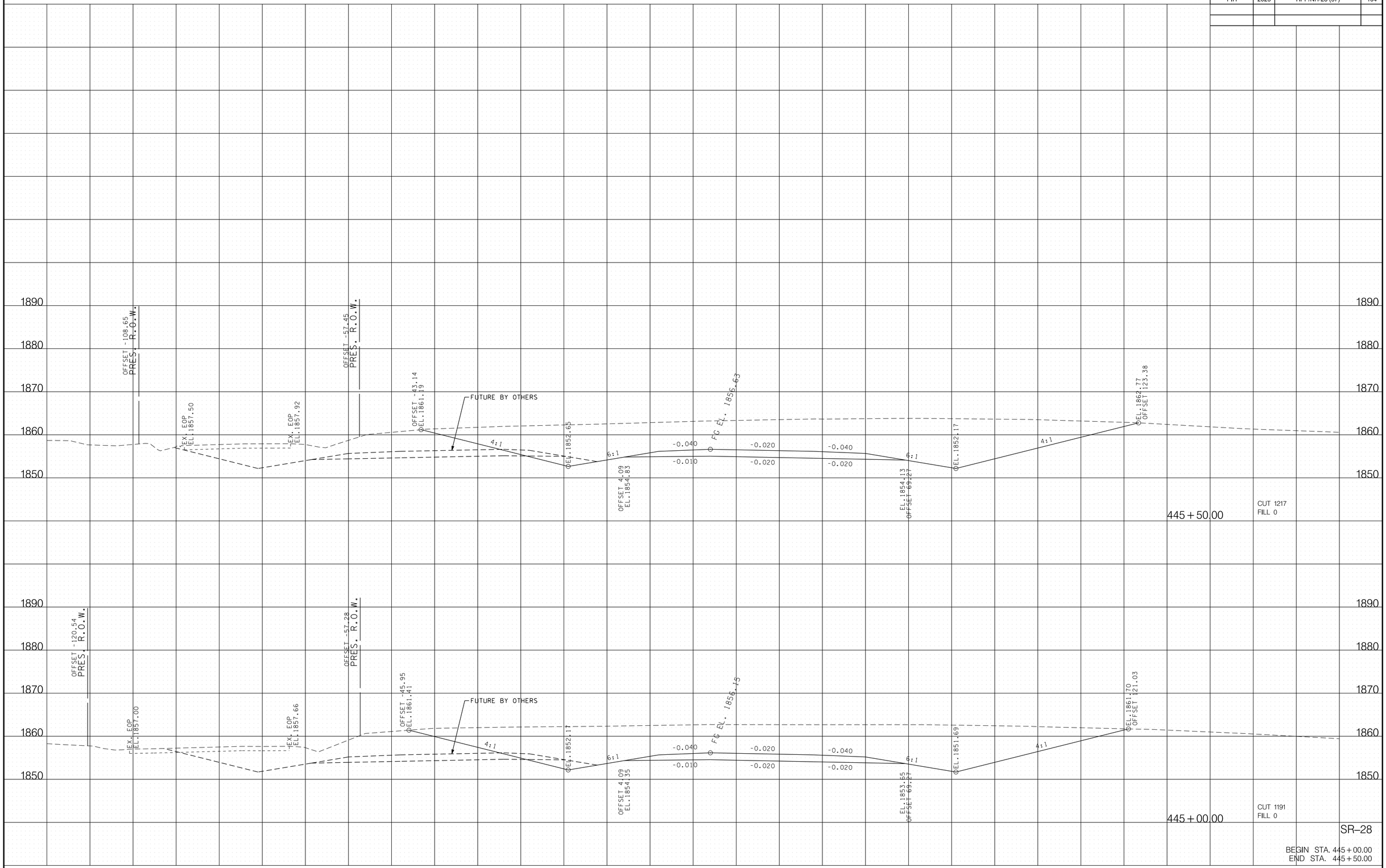
1/30/2026 2:26:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	108
PIH	2025	HPP/NH-28 (37)	103



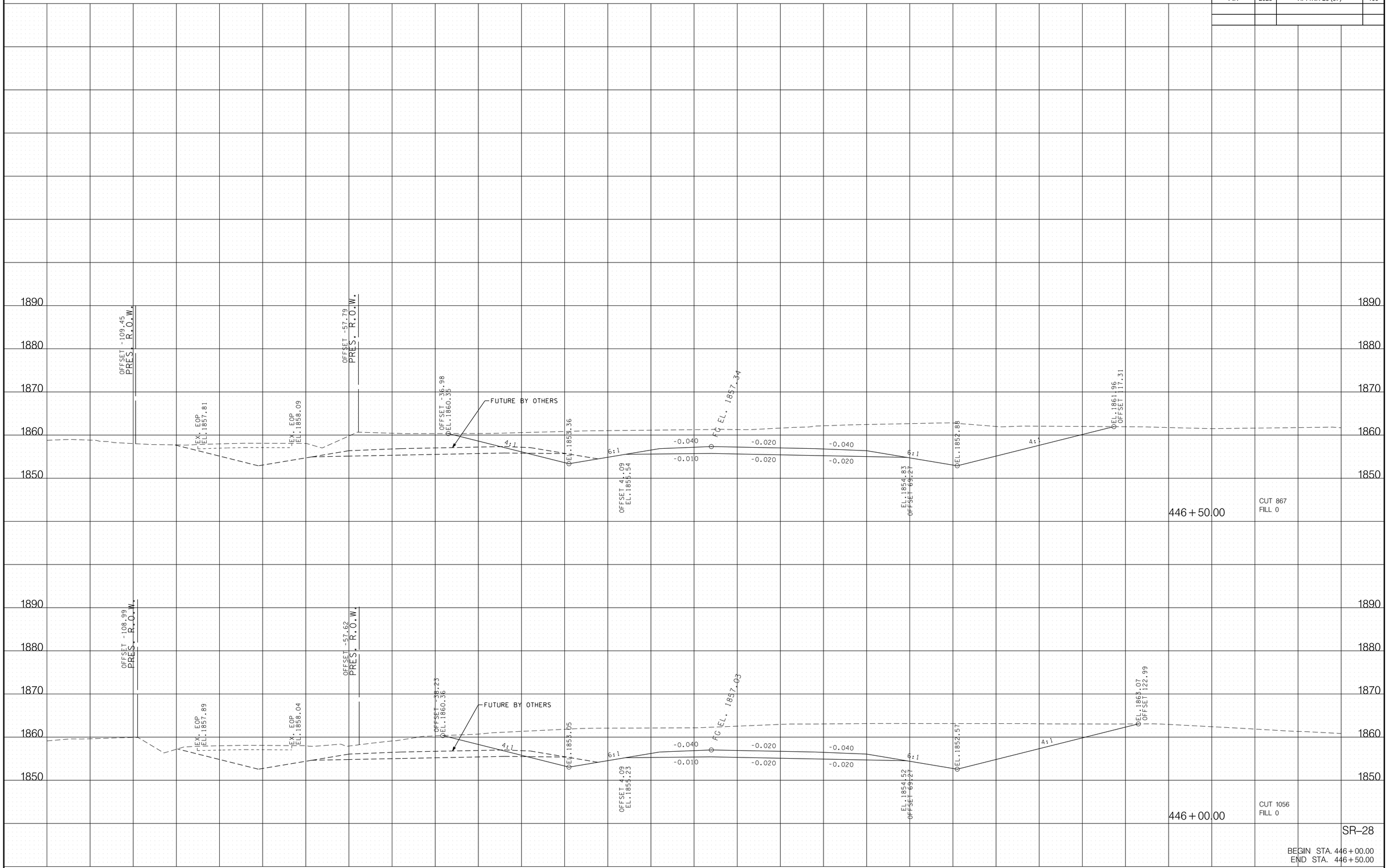
1/30/2026 2:27:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	109
PIH	2025	HPP/NH-28 (37)	104



1/30/2026 2:27:03 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	110
PIH	2025	HPP/NH-28 (37)	100

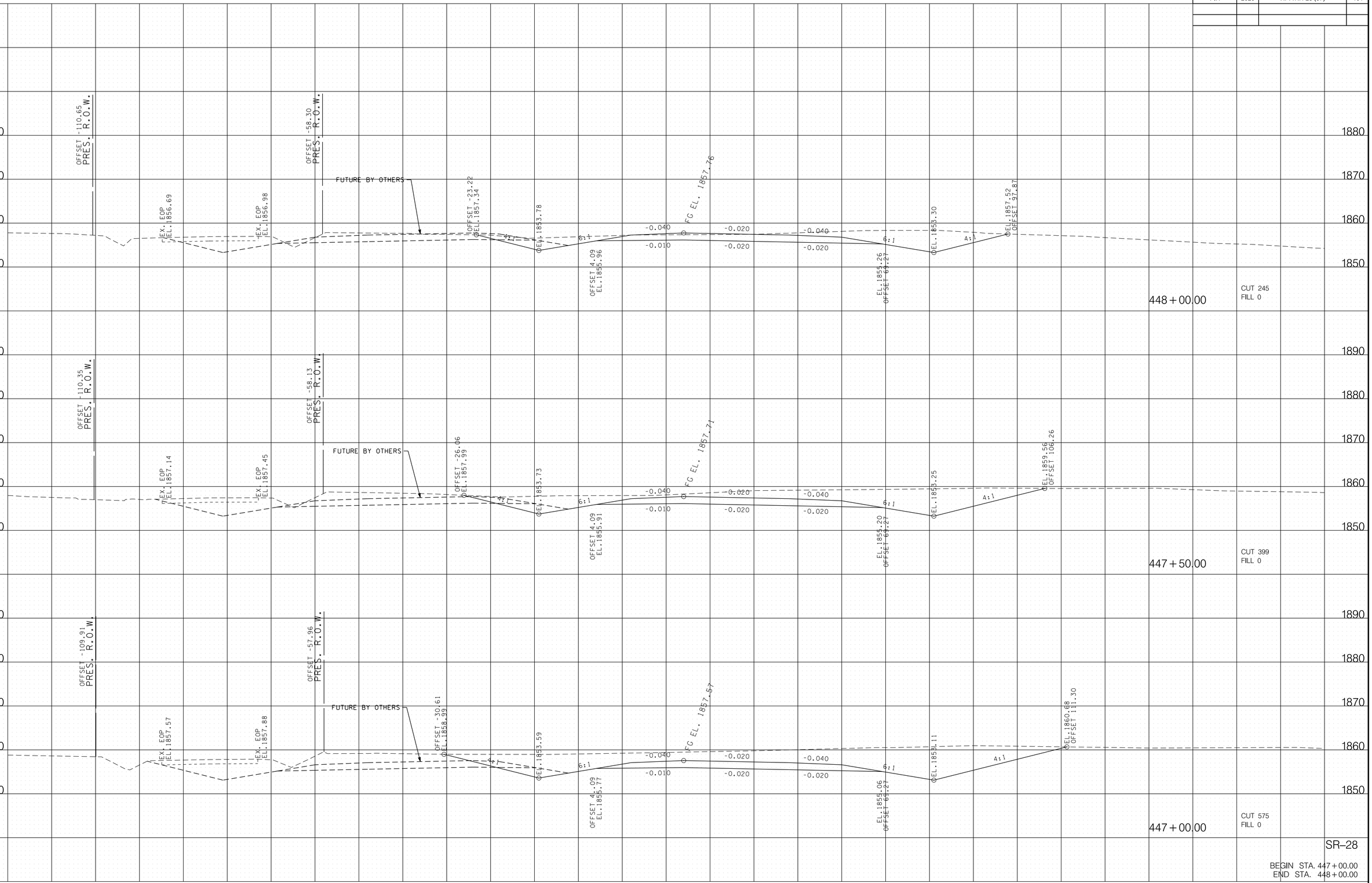


SR–28

BEGIN STA. 446+00.00
END STA. 446+50.00

1/30/2026 2:27:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	111
PIH	2025	HPP/NH-28 (37)	101

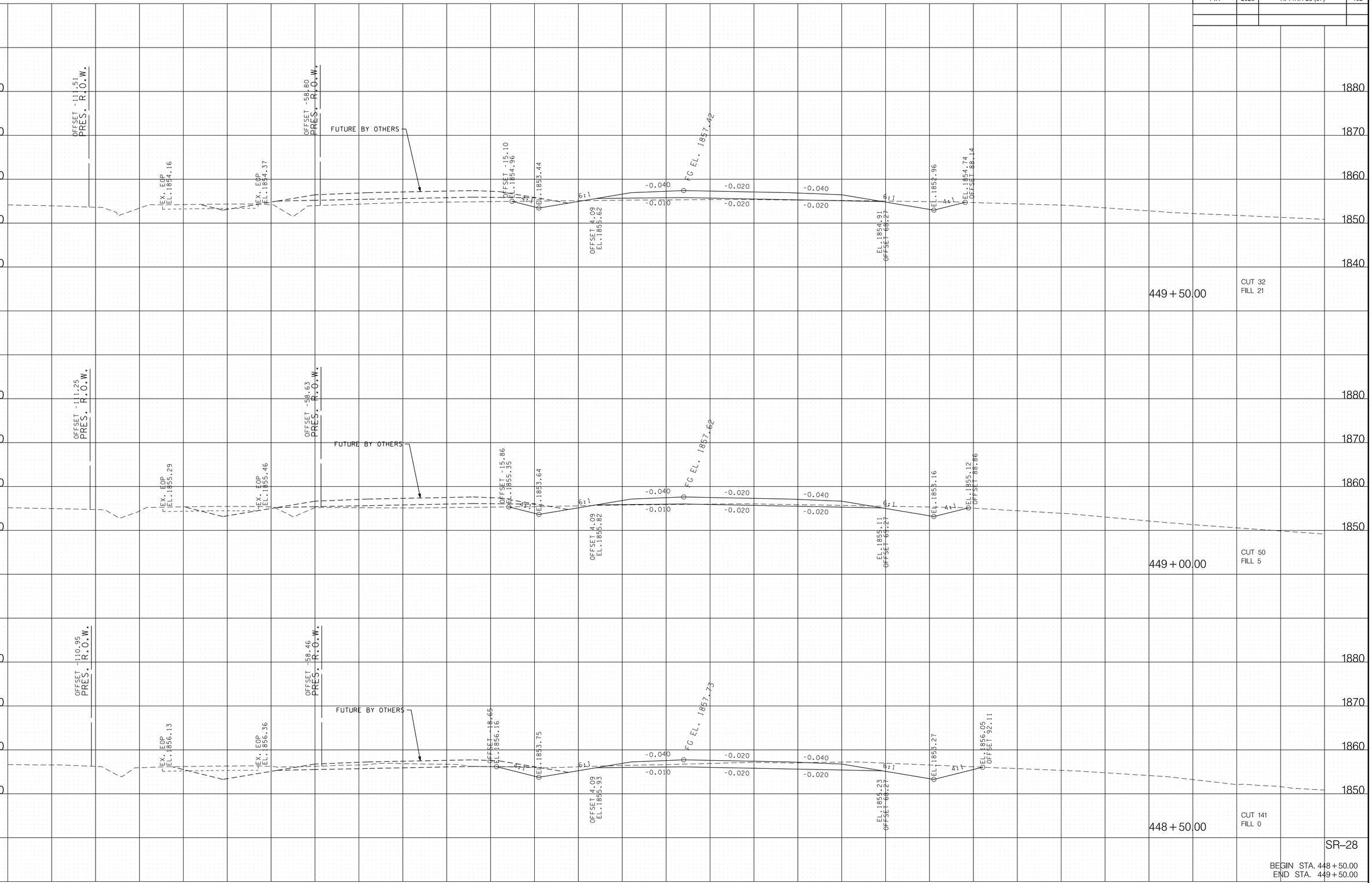


SR–28

BEGIN STA. 447+00.00
END STA. 448+00.00

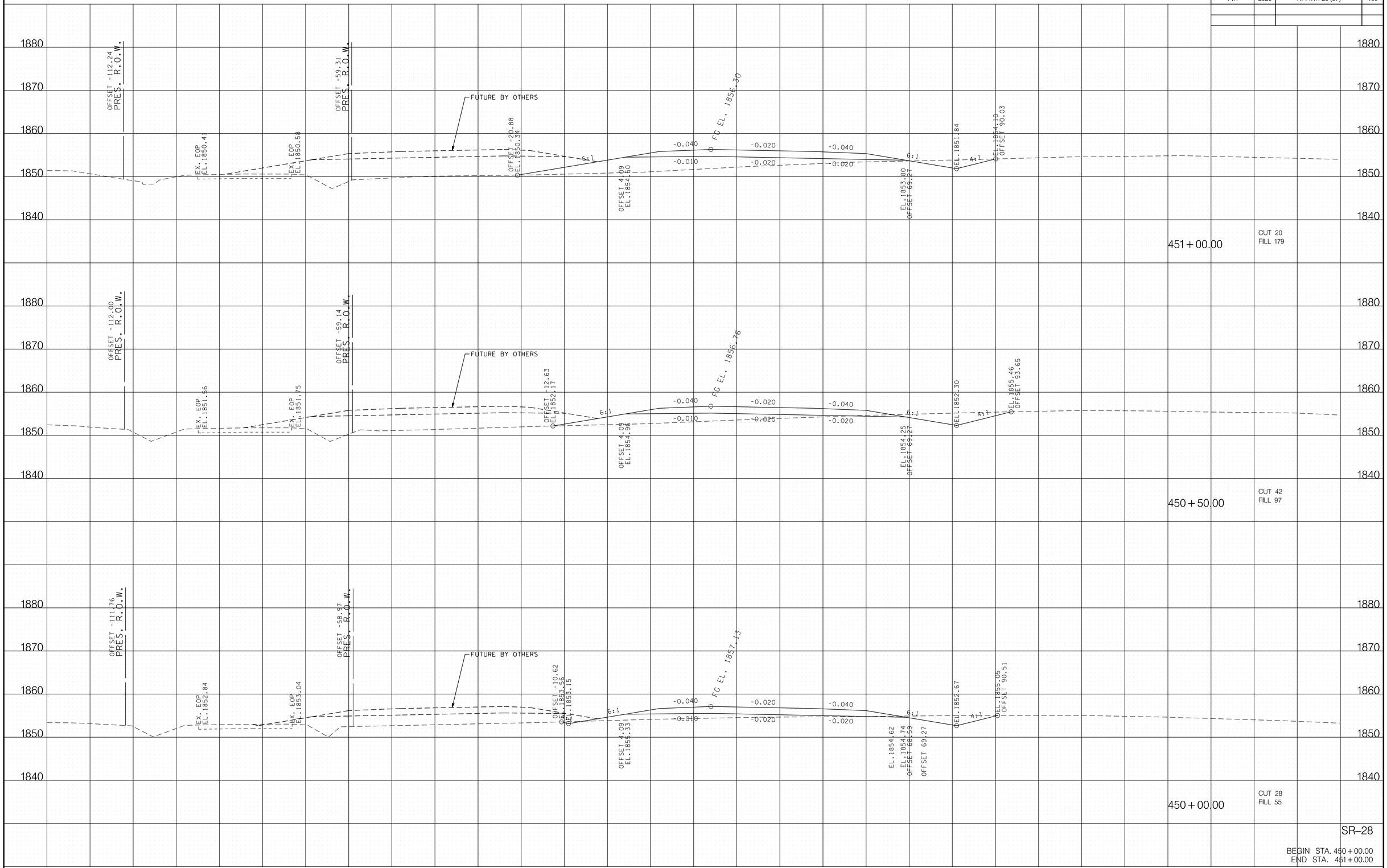
1/30/2026 2:27:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	112
PIH	2025	HPP/NH-28 (37)	102



1/30/2026 2:27:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	113
PIH	2025	HPP/NH-28 (37)	103

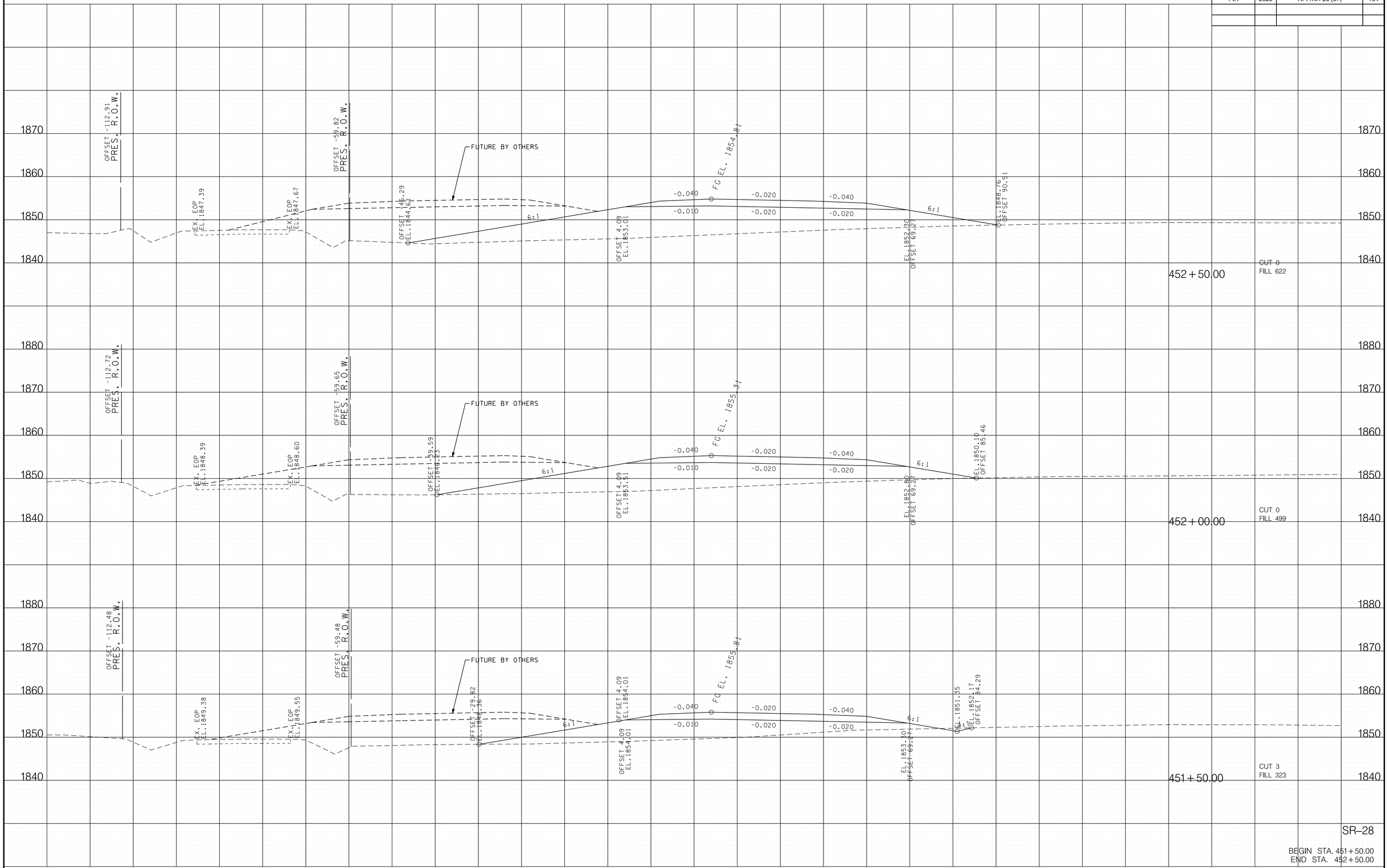


SR–28

BEGIN STA. 450+00.00
END STA. 451+00.00

1/30/2026 2:27:14 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	114
PIH	2025	HPP/NH-28 (37)	104

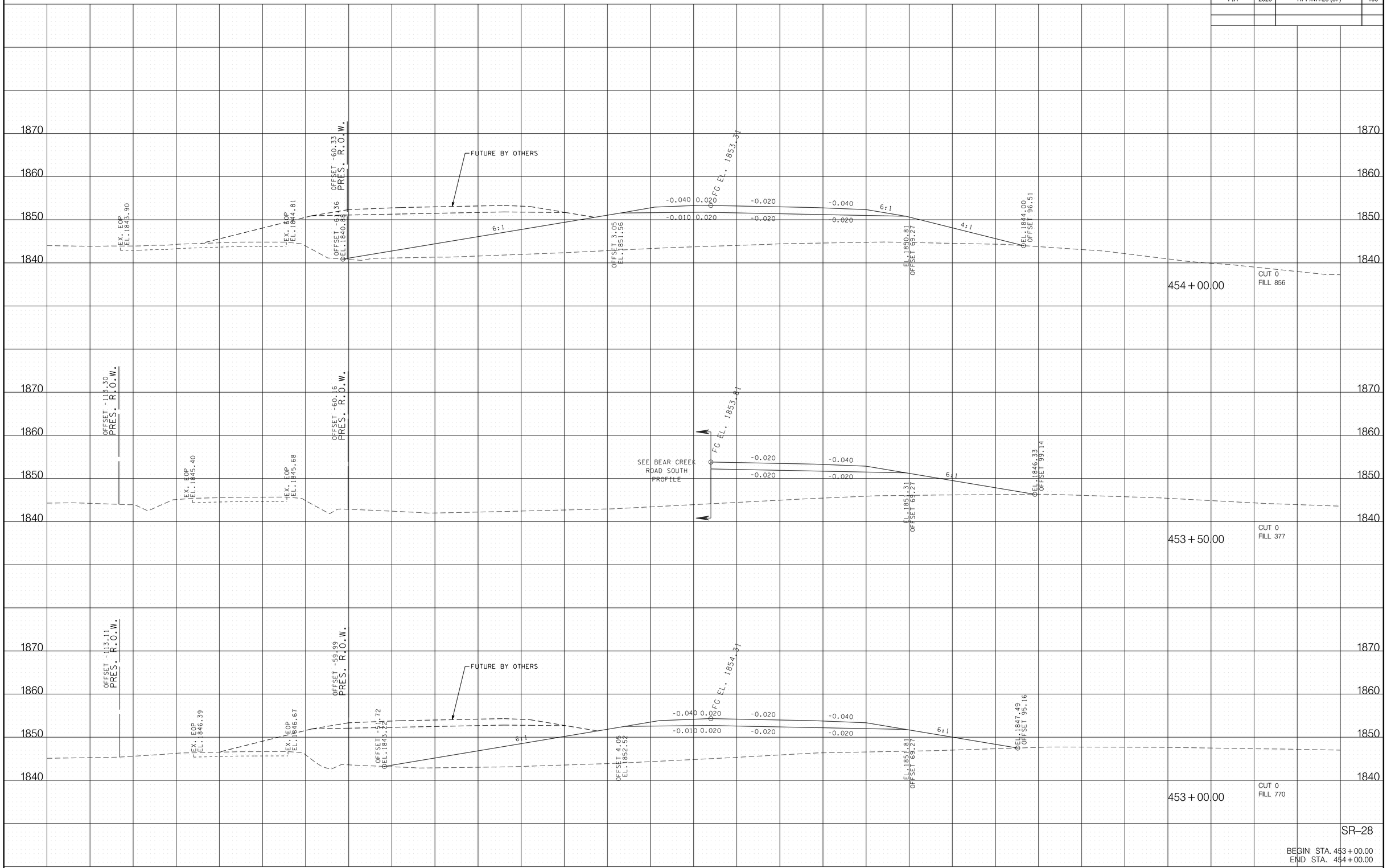


SR-28

BEGIN STA. 451+50.00
END STA. 452+50.00

1/30/2026 2:27:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	115
PIH	2025	HPP/NH-28 (37)	100

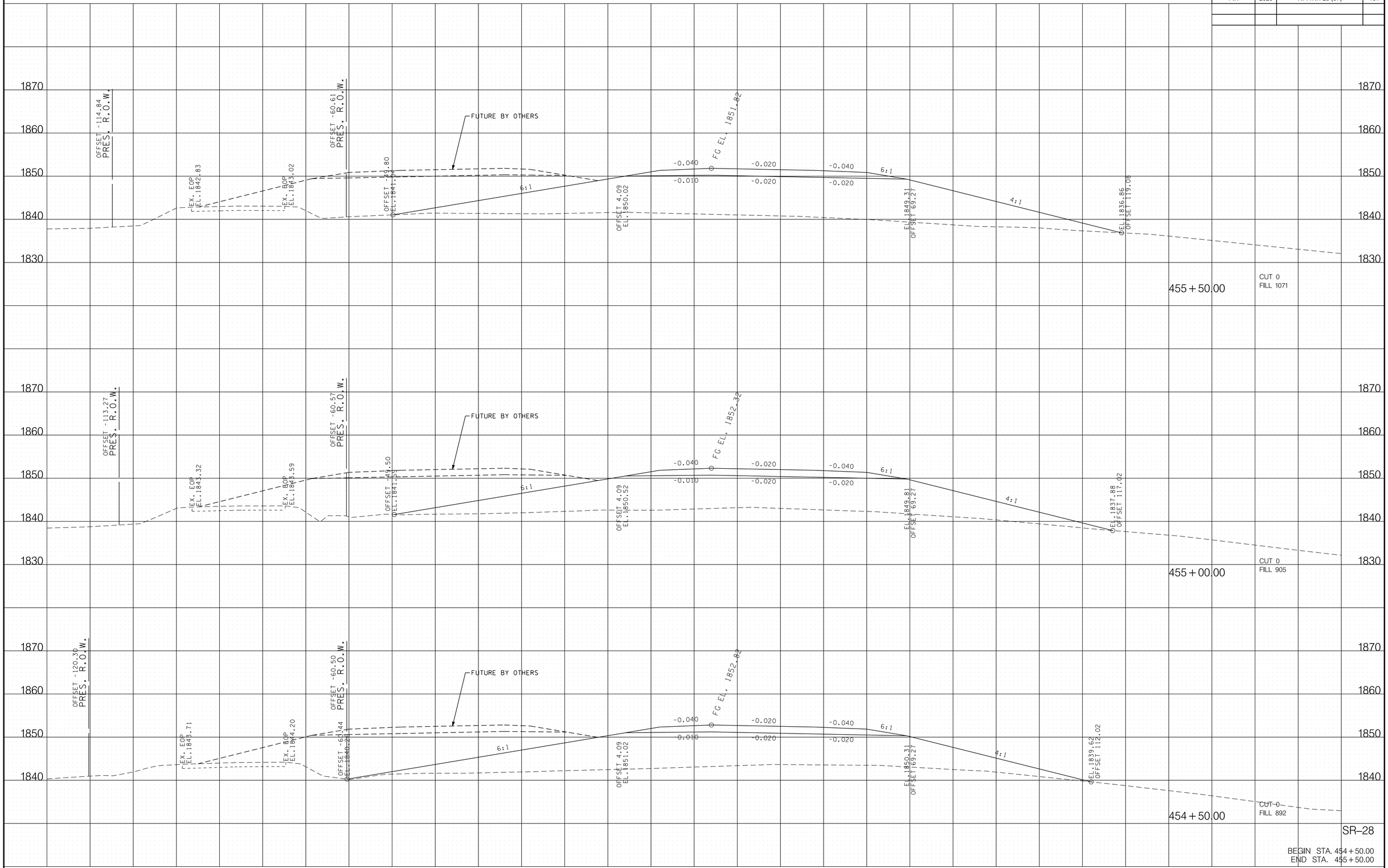


SR–28

BEGIN STA. 453+00.00
END STA. 454+00.00

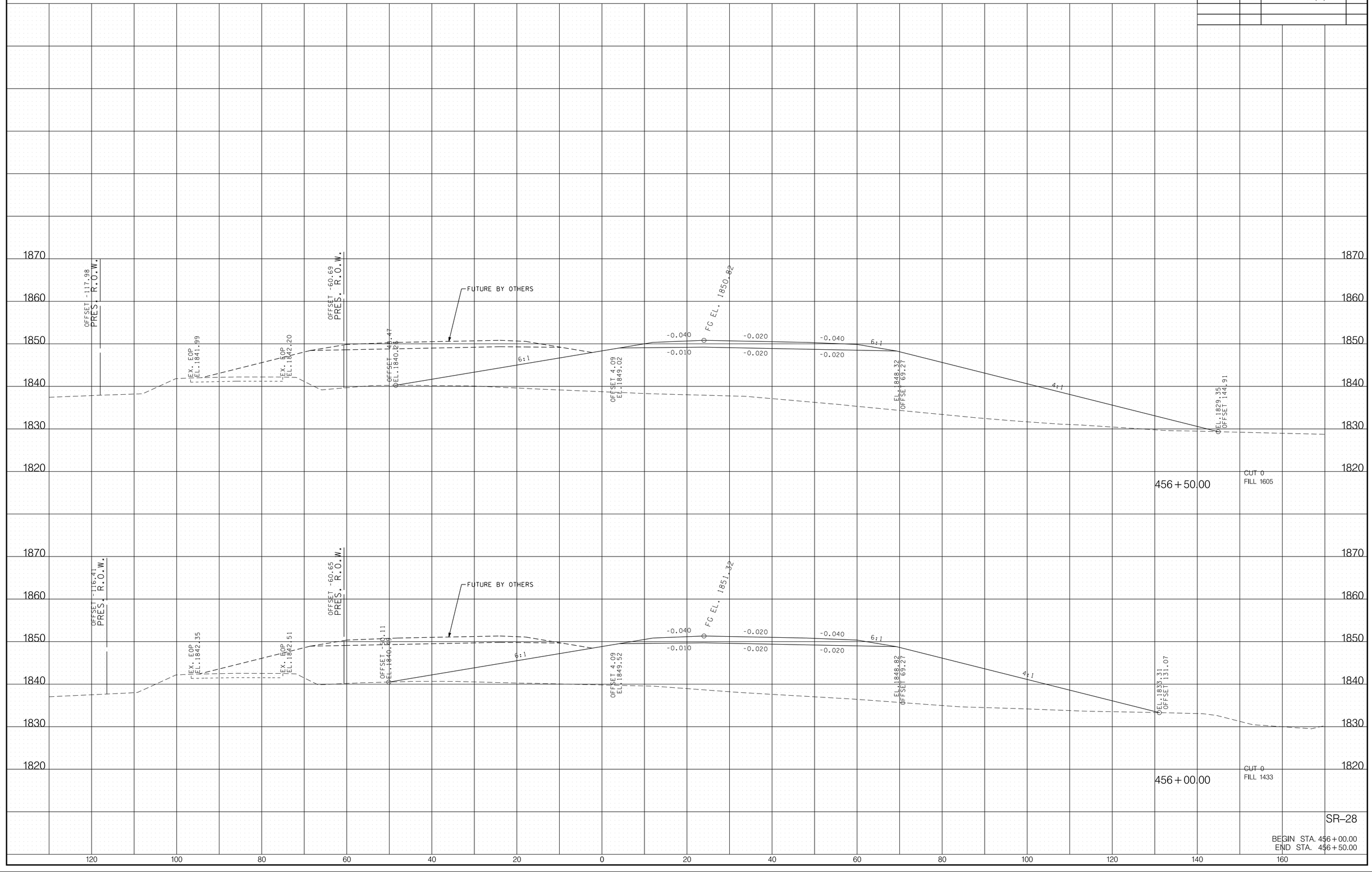
1/30/2026 2:27:19 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	116
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:27:22 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	117
PIH	2025	HPP/NH-28 (37)	102

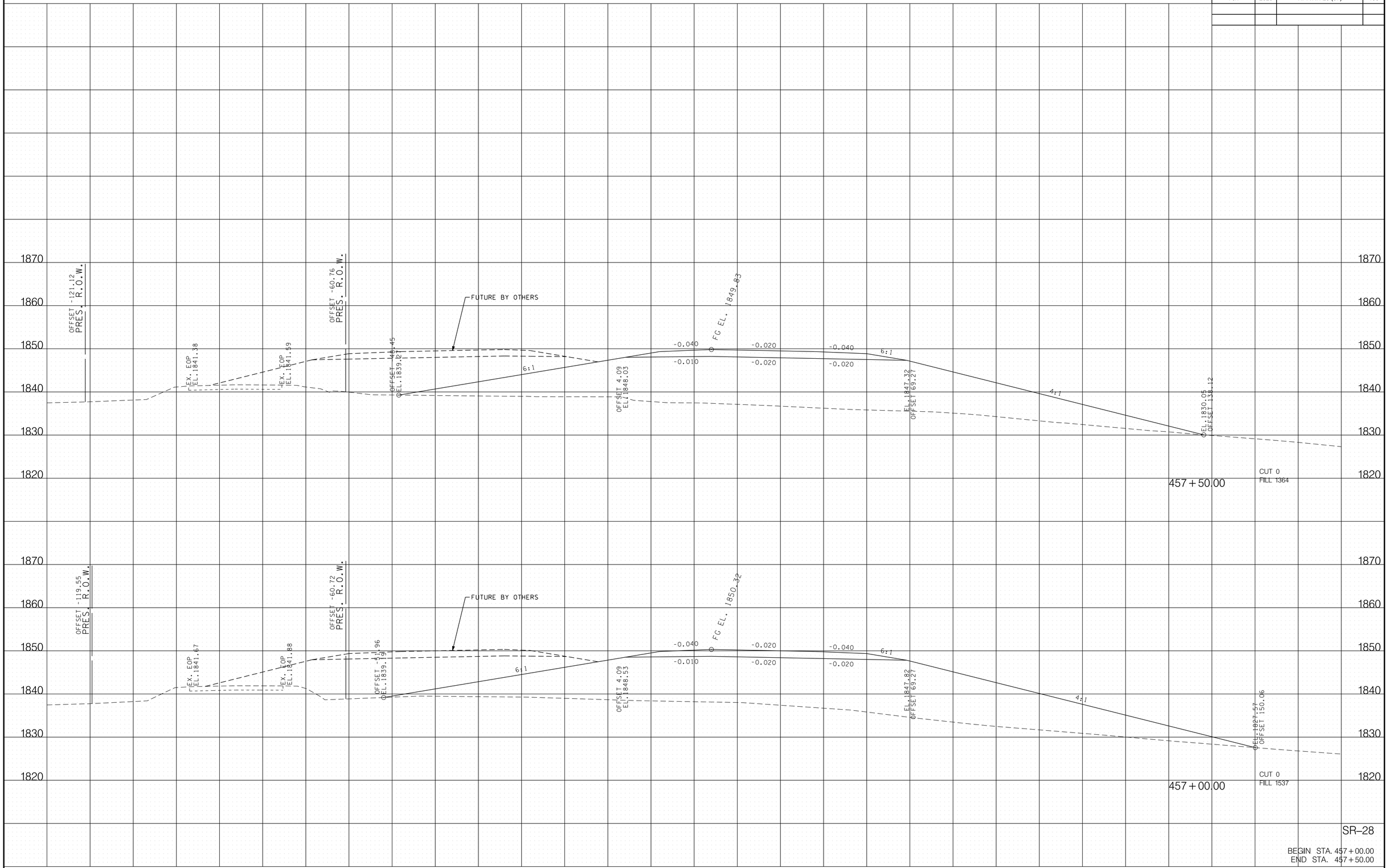


SR-28

BEGIN STA. 456+00.00
END STA. 456+50.00

1/30/2026 2:27:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	118
PIH	2025	HPP/NH-28 (37)	103

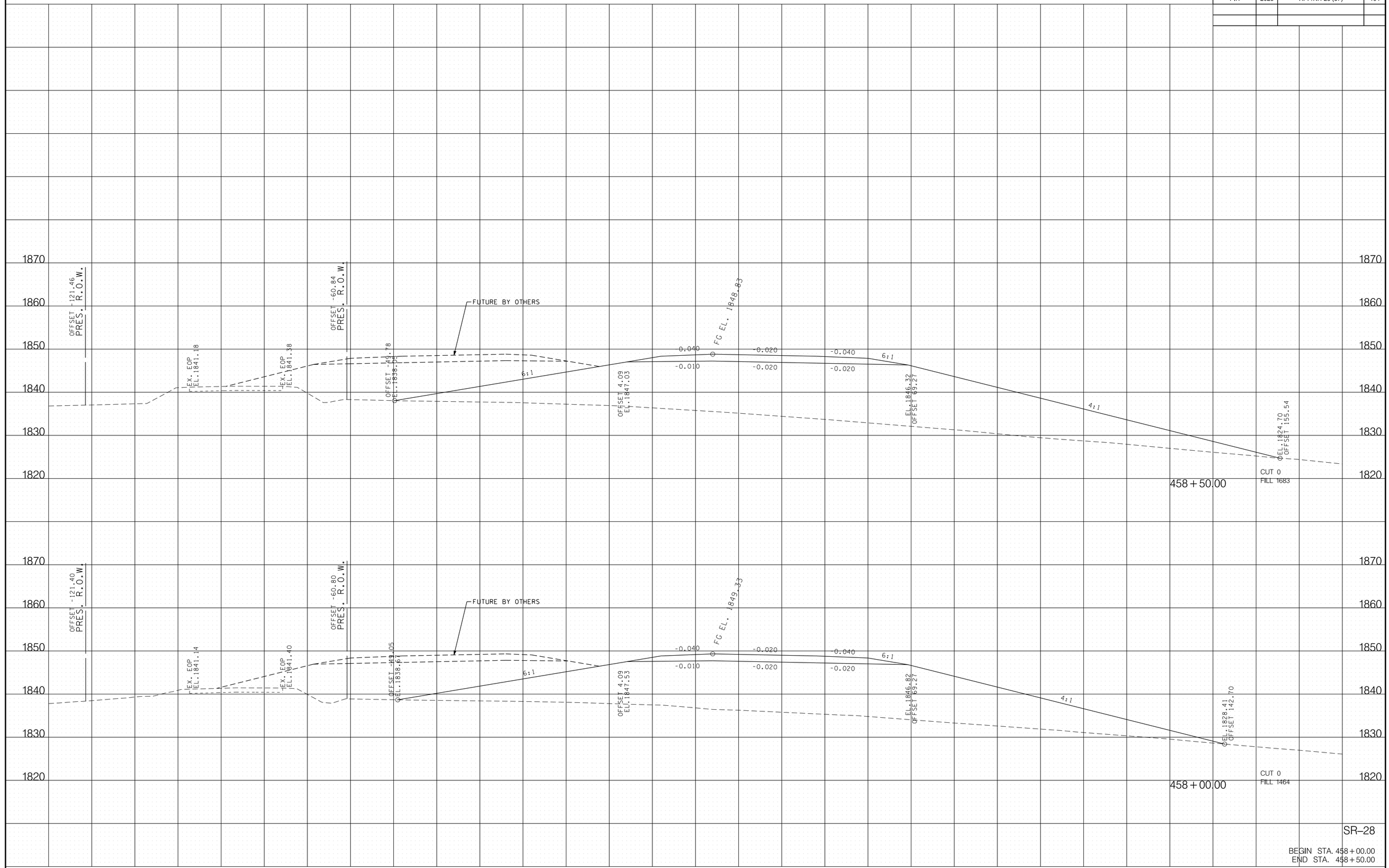


SR–28

BEGIN STA. 457+00.00
END STA. 457+50.00

1/30/2026 2:27:28 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	119
PIH	2025	HPP/NH-28 (37)	104

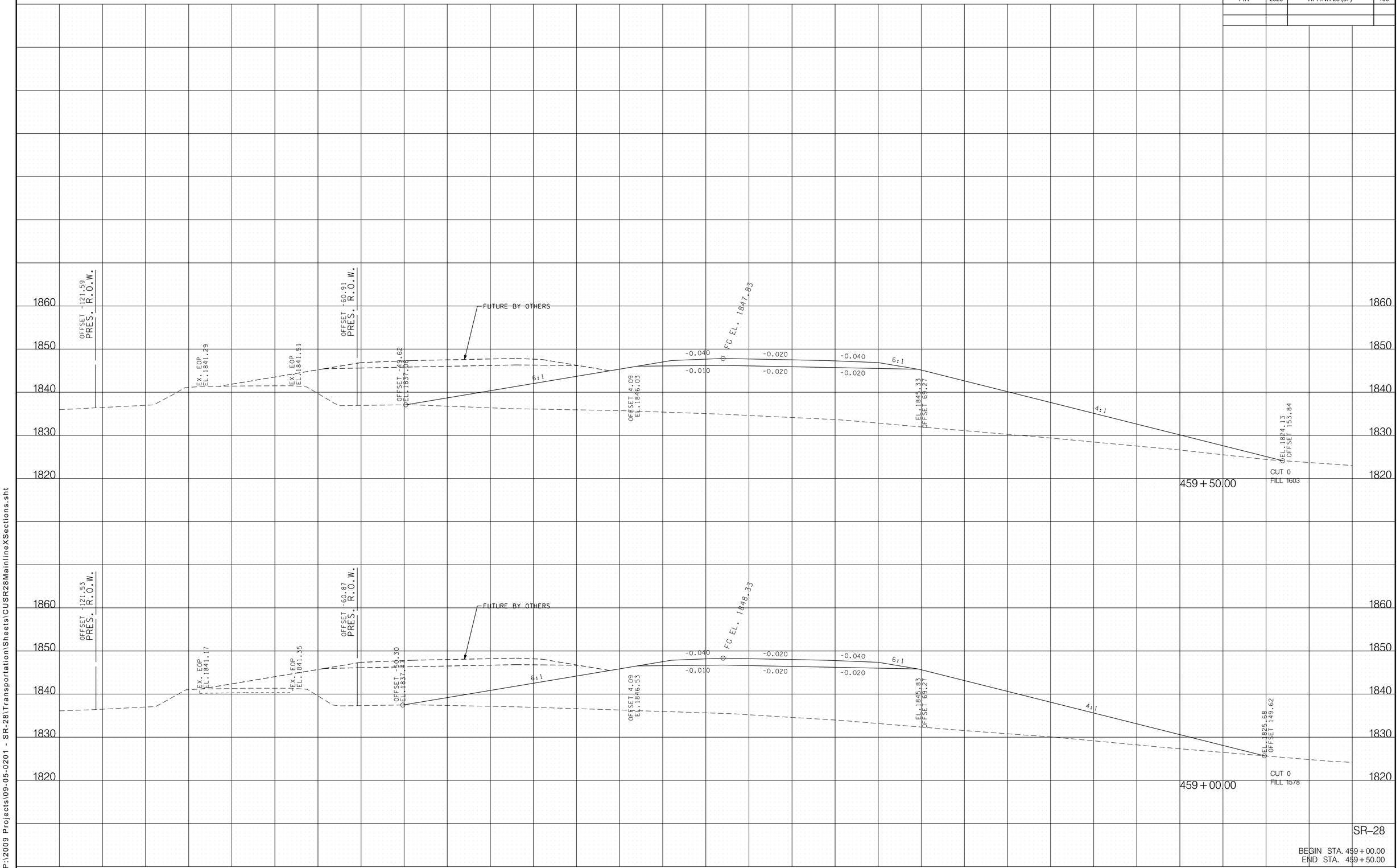


SR-28

BEGIN STA. 458+00.00
END STA. 458+50.00

1/30/2026 2:27:30 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	120
PIH	2025	HPP/NH-28 (37)	100



SR-28

BEGIN STA. 459+00.00
END STA. 459+50.00

1/30/2026 2:27:33 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	121
PIH	2025	HPP/NH-28 (37)	101

OFFSET -121.72
PRES. R.O.W.

EX. EOP
EL.1841.93

EX. EOP
EL.1842.10

OFFSET -60.99
PRES. R.O.W.

FG EL. 1846.84

-0.020
-0.020

-0.040
-0.020

6:1

SEE HINDS ROAD
PROFILE

EL.1844.33
OFFSET 69.27

4:1

EL.1824.57
OFFSET 148.09

CUT 0
FILL 1151

460 + 50.00

OFFSET -121.65
PRES. R.O.W.

OFFSET -60.95
PRES. R.O.W.

FUTURE BY OTHERS

FG EL. 1847.34

EX. EOP
EL.1841.59

EX. EOP
EL.1841.92

OFFSET -147.12
EL.1837.08

6:1

-0.040 0.020
-0.010 0.020

-0.020
-0.020

-0.040
-0.020

6:1

OFFSET 3.92
EL.1845.56

EL.1844.83
OFFSET 69.27

4:1

EL.1822.84
OFFSET 156.99

CUT 0
FILL 1763

460 + 00.00

SR–28

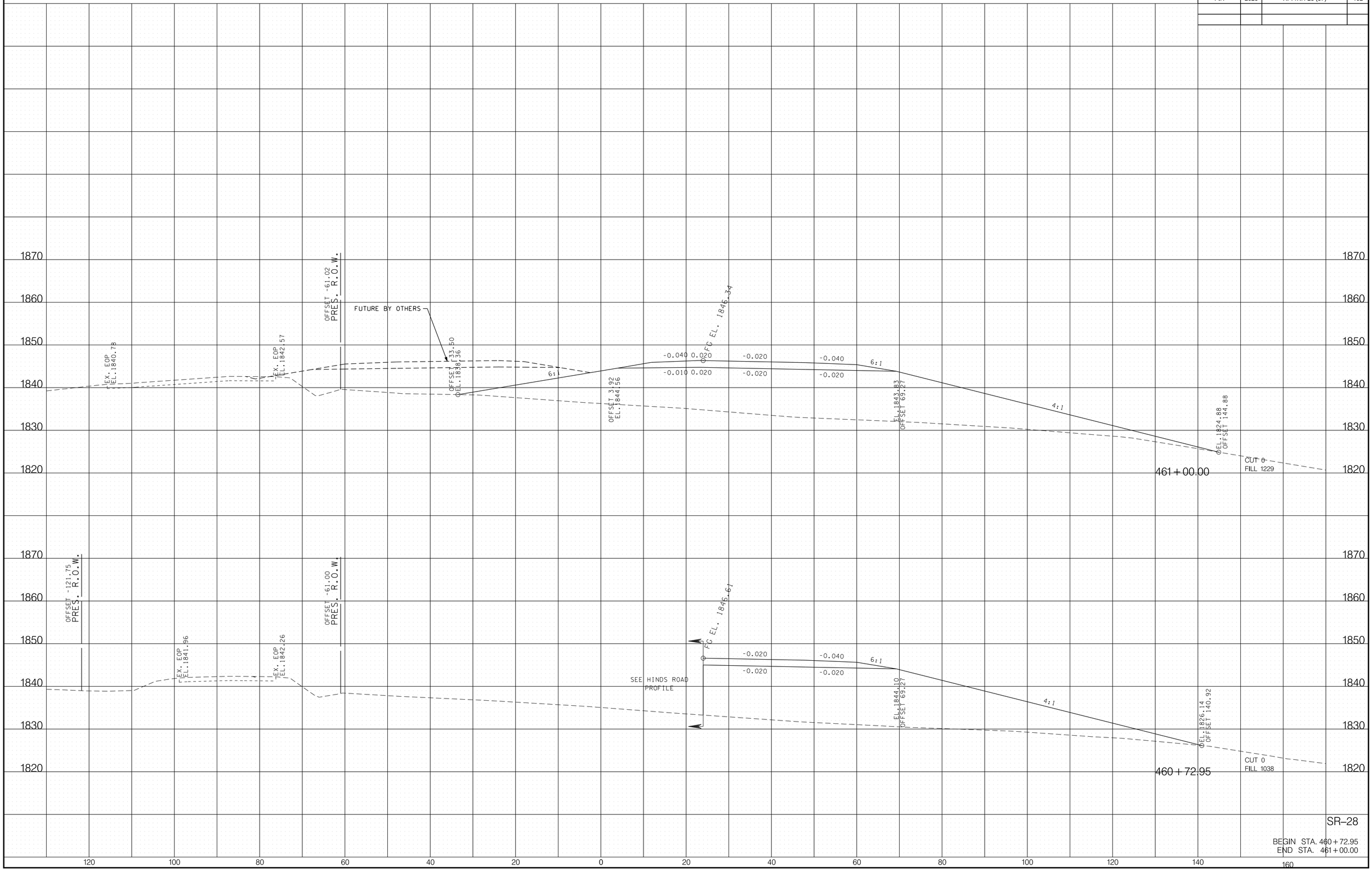
BEGIN STA. 460 + 00.00
END STA. 460 + 50.00

1870
1860
1850
1840
1830
1820

120 100 80 60 40 20 0 20 40 60 80 100 120 140 160

1/30/2026 2:27:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	122
PIH	2025	HPP/NH-28 (37)	102

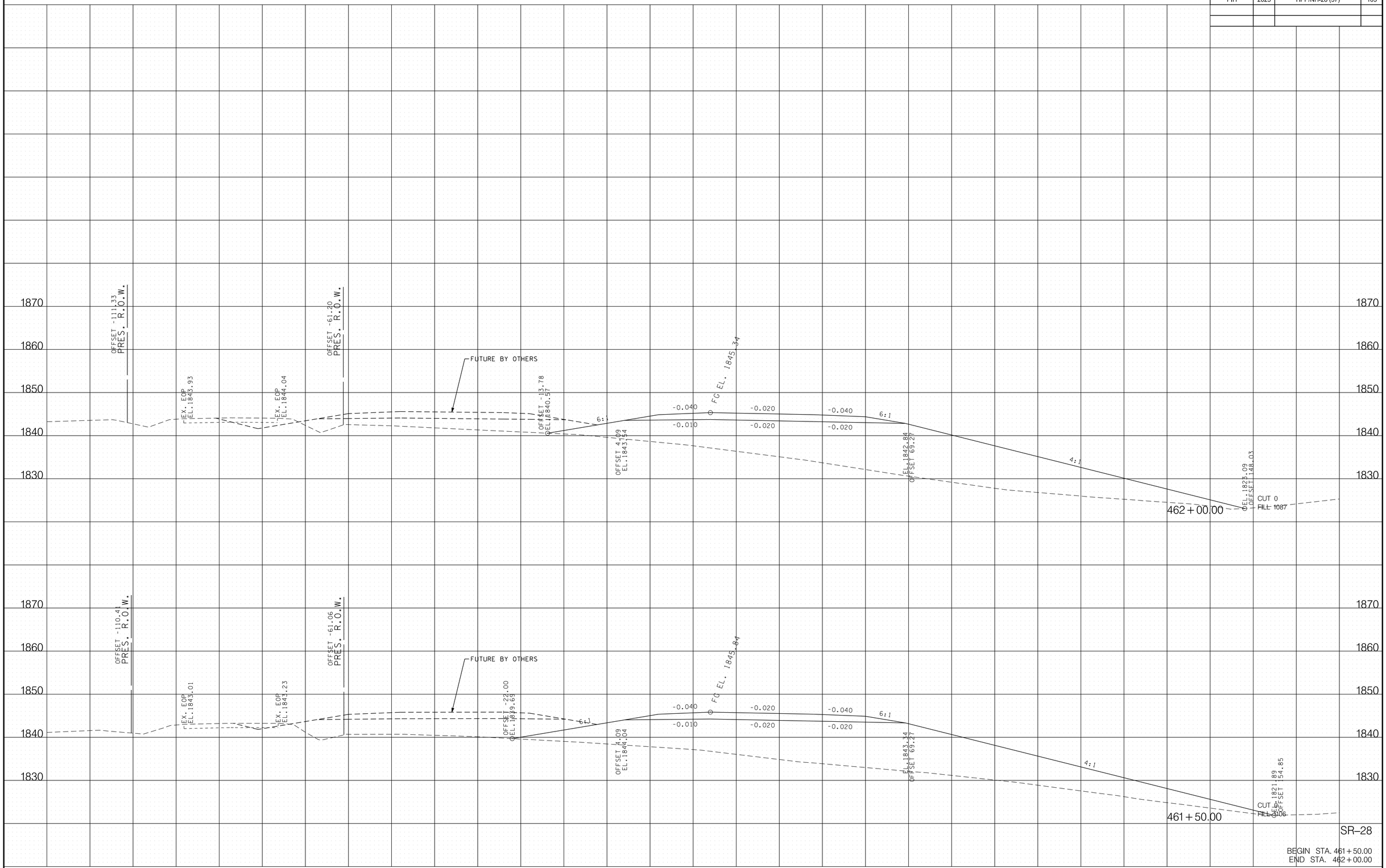


SR-28

BEGIN STA. 460+72.95
END STA. 461+00.00

1/30/2026 2:27:39 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	123
PIH	2025	HPP/NH-28 (37)	103

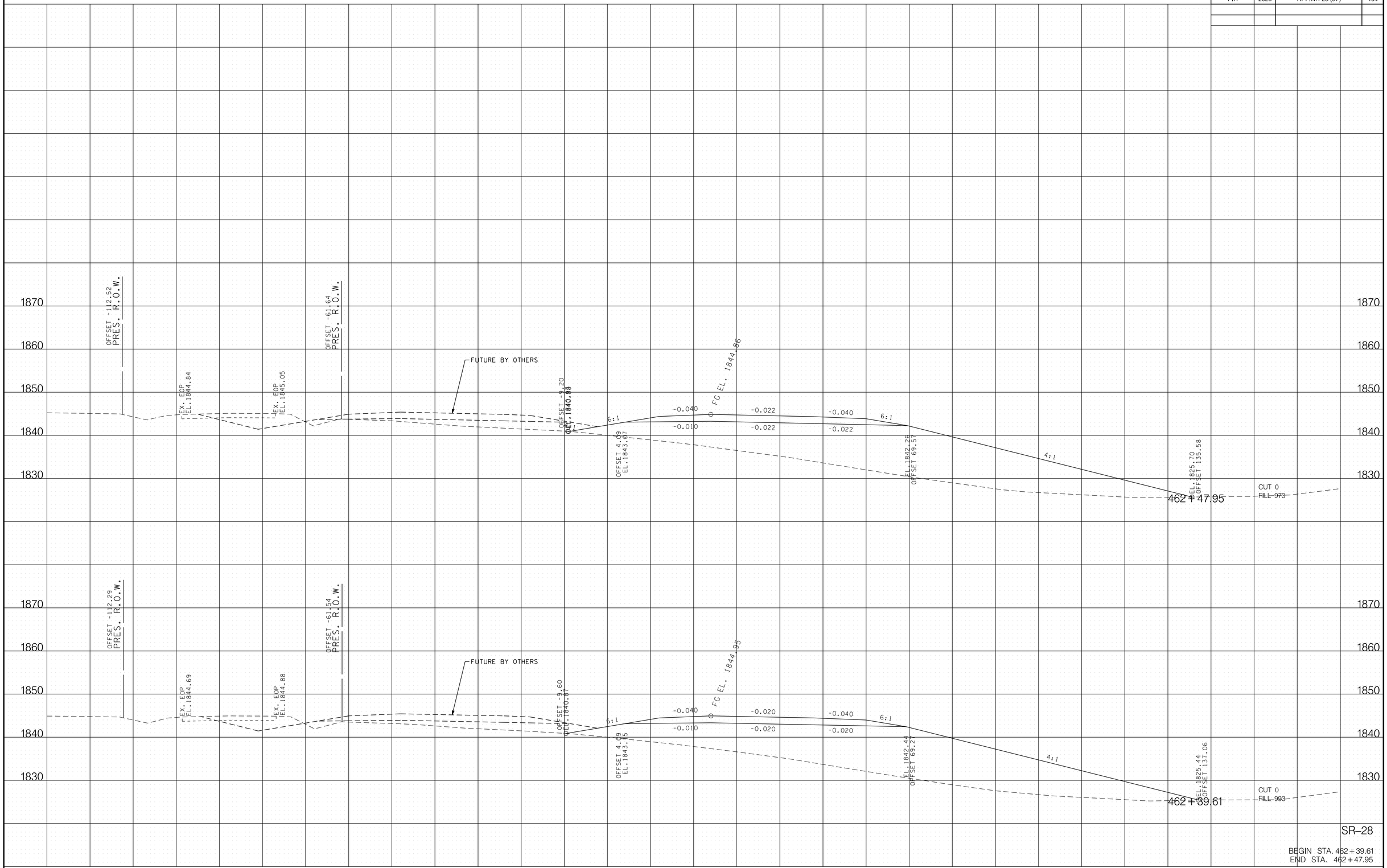


SR-28

BEGIN STA. 461+50.00
END STA. 462+00.00

1/30/2026 2:27:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	124
PIH	2025	HPP/NH-28 (37)	104

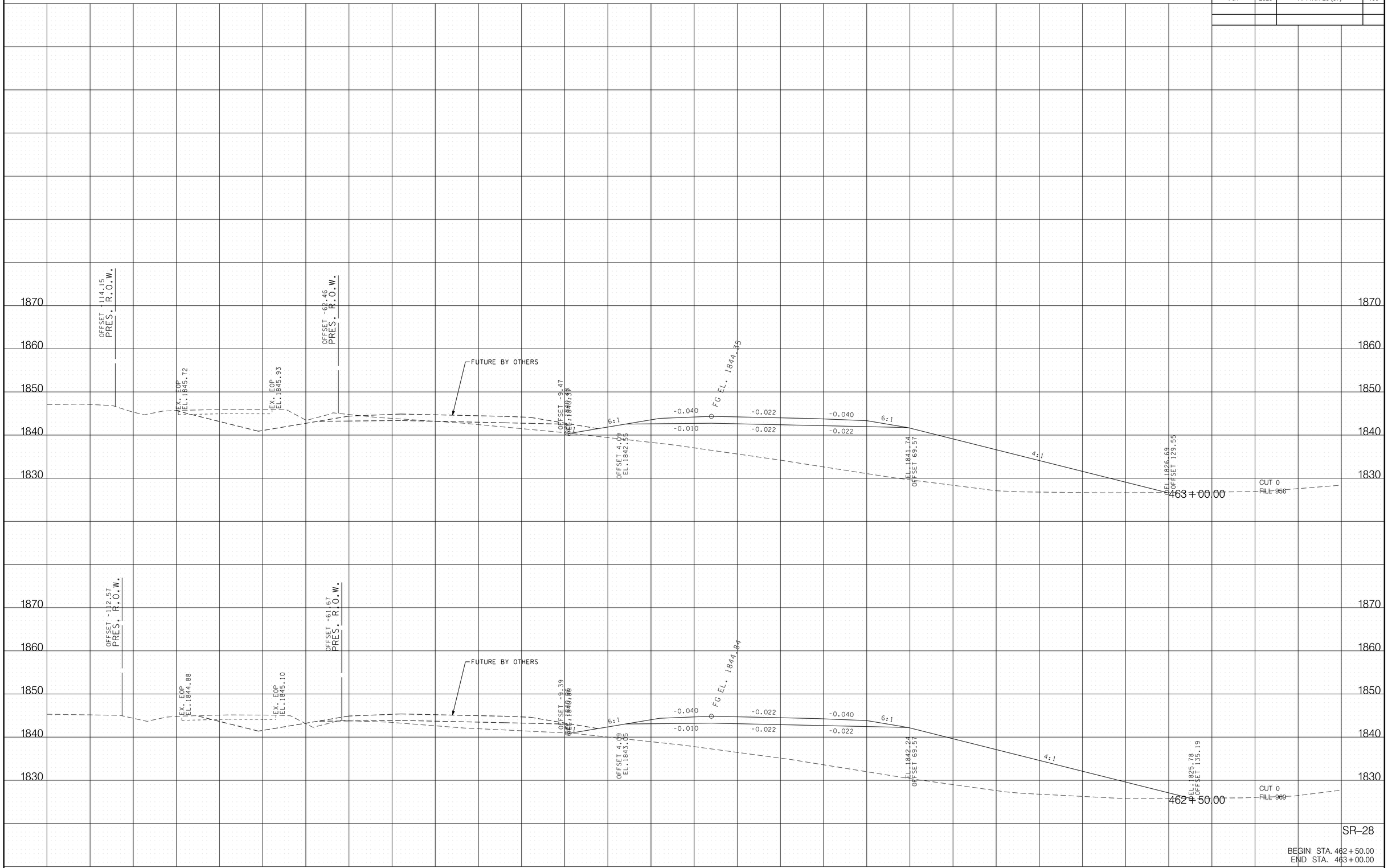


SR-28

BEGIN STA. 462+39.61
END STA. 462+47.95

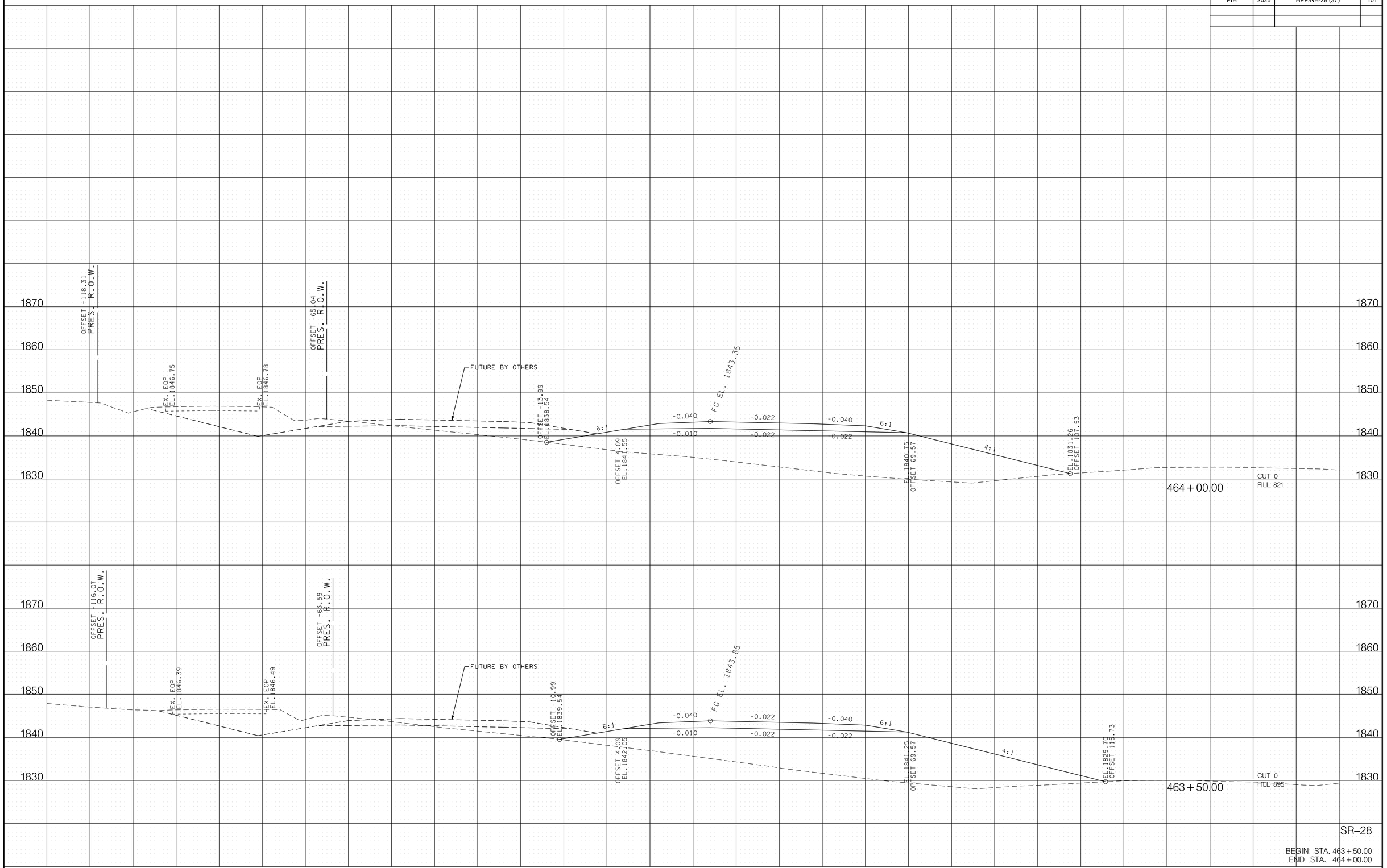
1/30/2026 2:27:44 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	125
PIH	2025	HPP/NH-28 (37)	100



1/30/2026 2:27:47 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	126
PIH	2025	HPP/NH-28 (37)	101

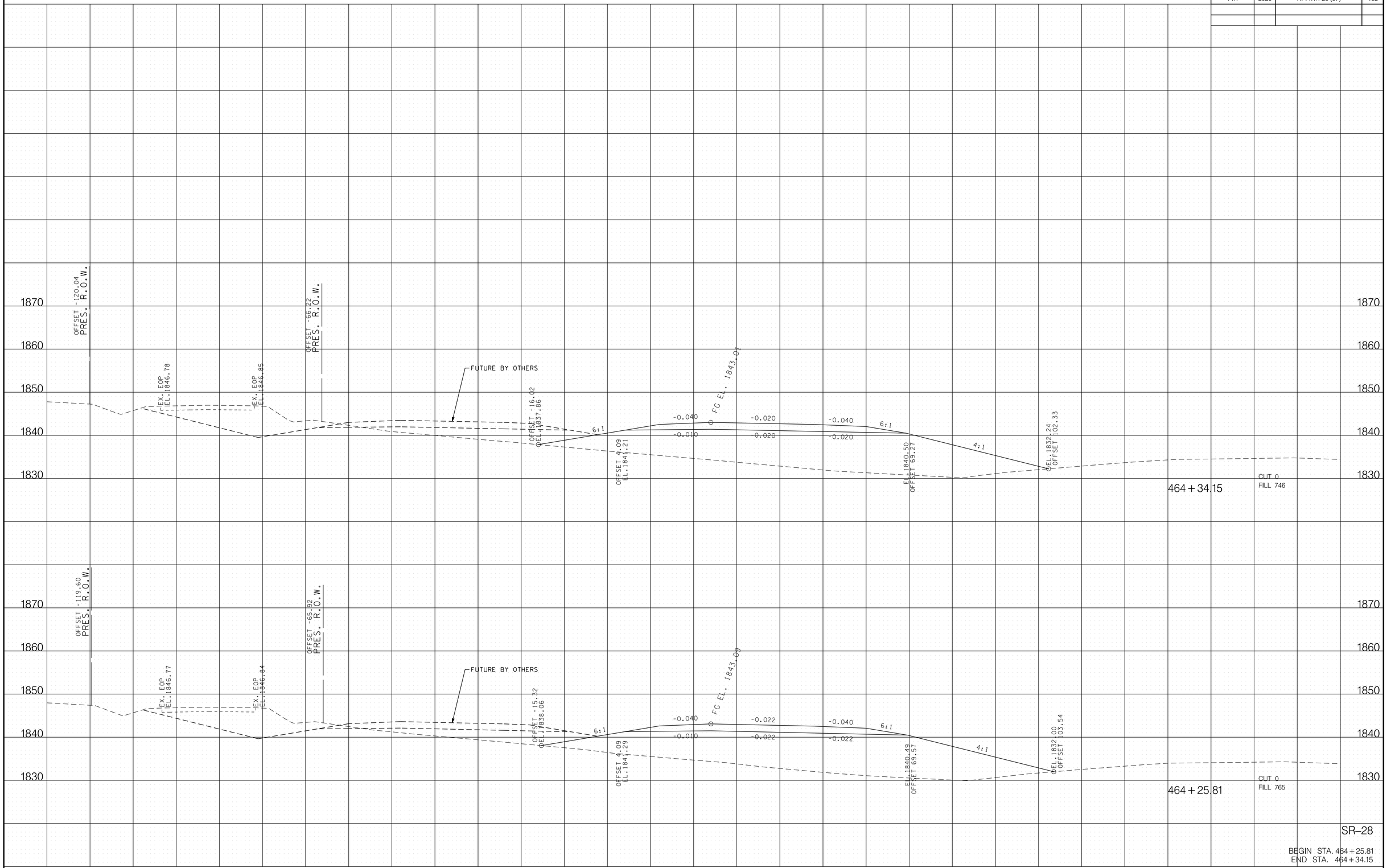


SR–28

BEGIN STA. 463 + 50.00
END STA. 464 + 00.00

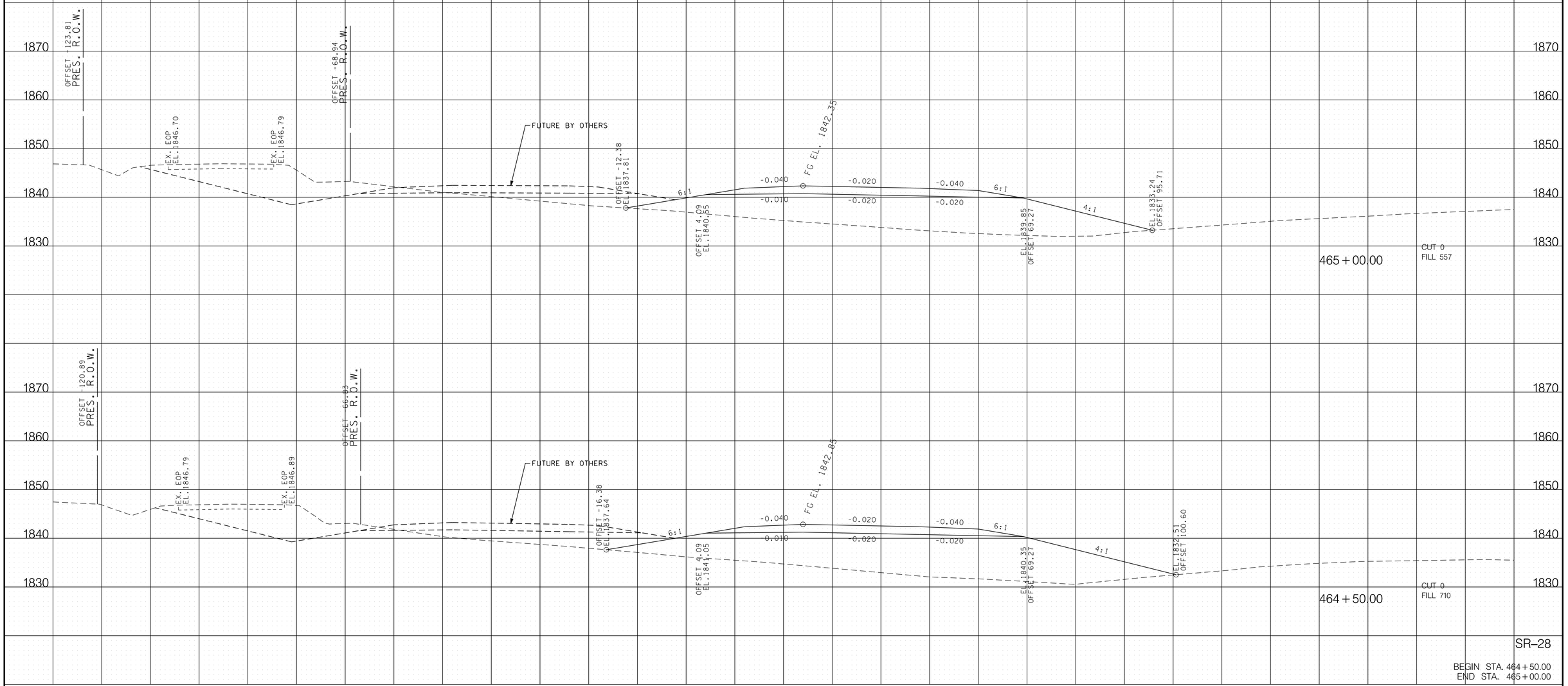
1/30/2026 2:27:50 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	127
PIH	2025	HPP/NH-28 (37)	102



1/30/2026 2:27:52 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	128
PIH	2025	HPP/NH-28 (37)	103

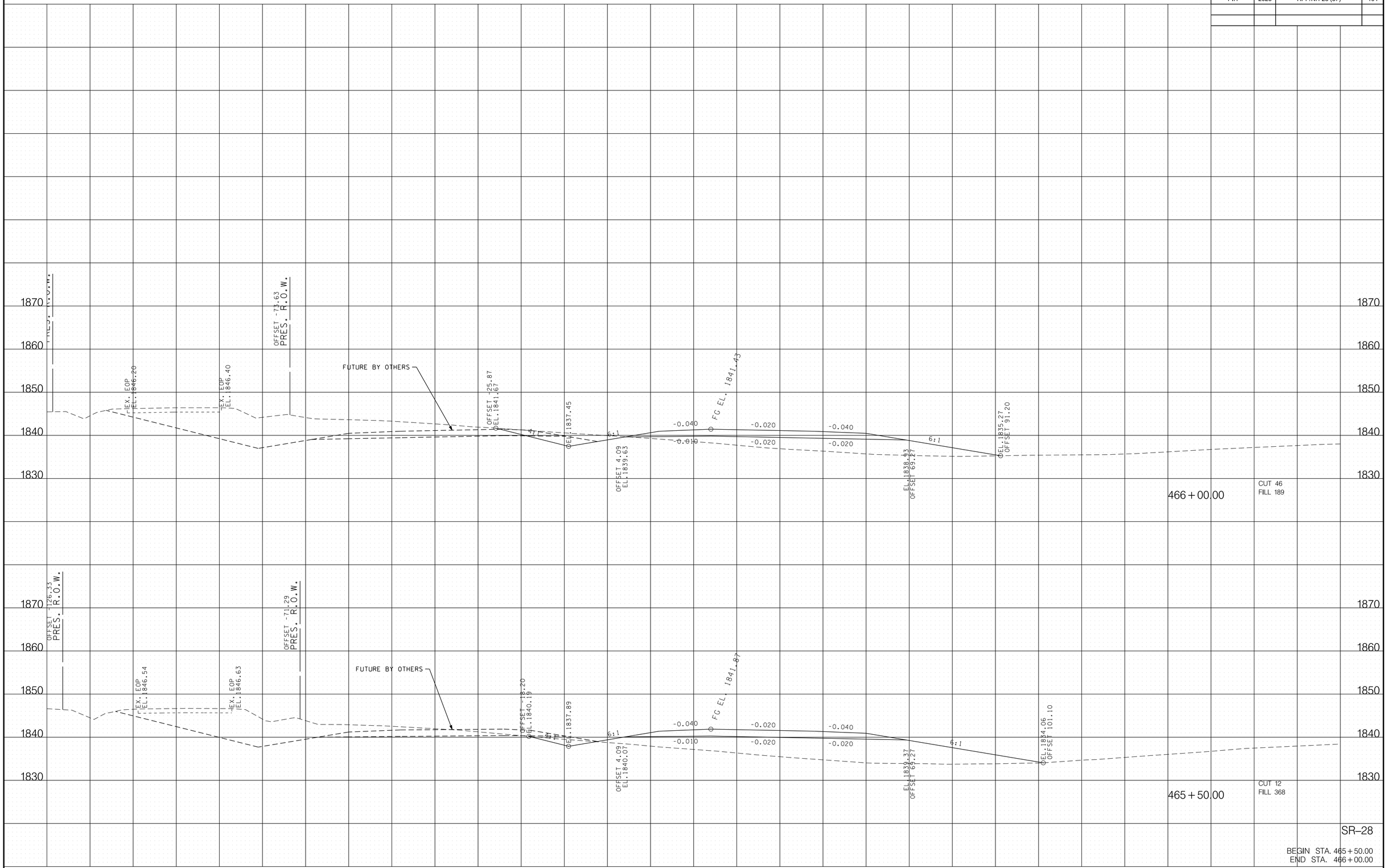


SR–28

BEGIN STA. 464+50.00
END STA. 465+00.00

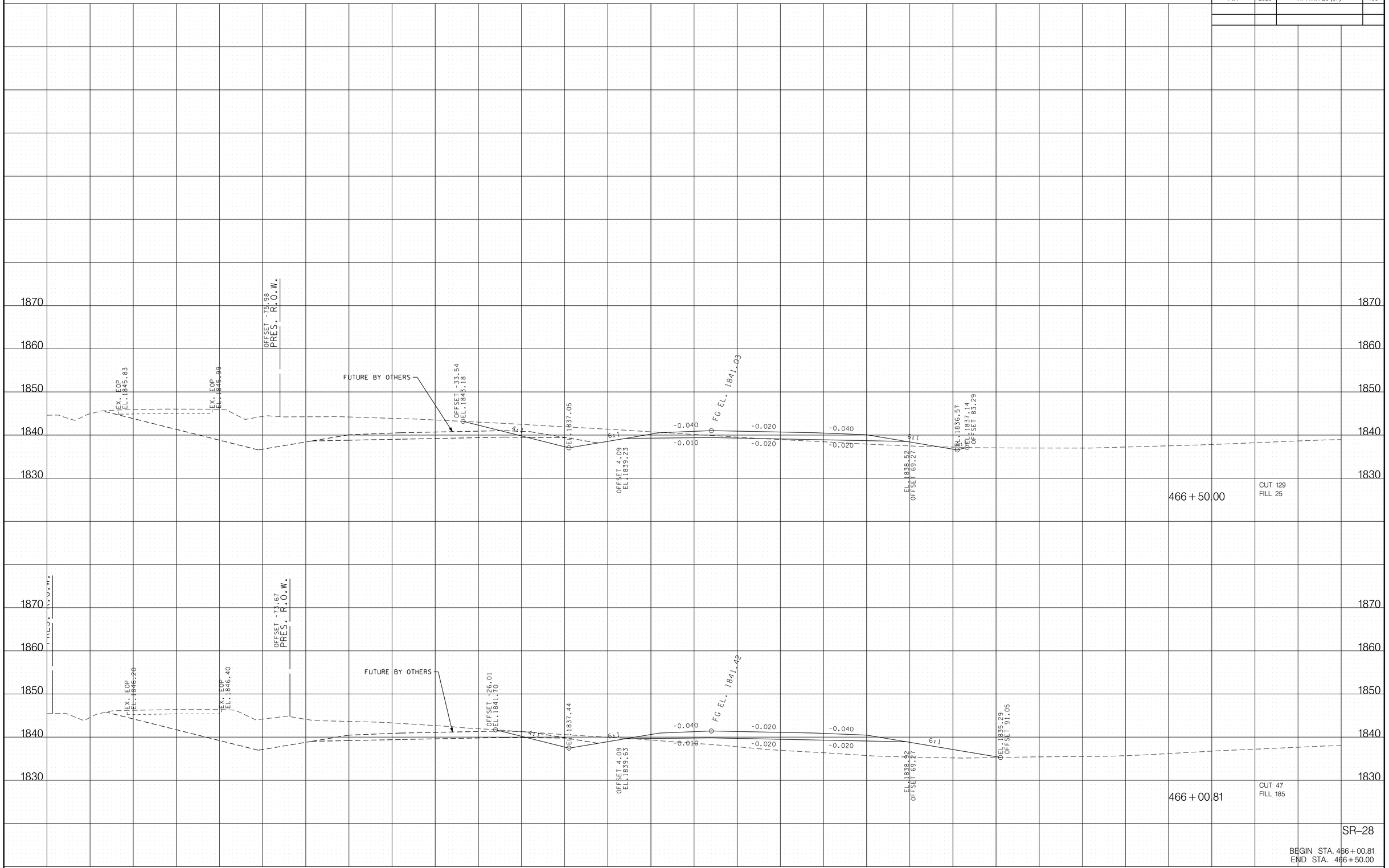
1/30/2026 2:27:55 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	129
PIH	2025	HPP/NH-28 (37)	104



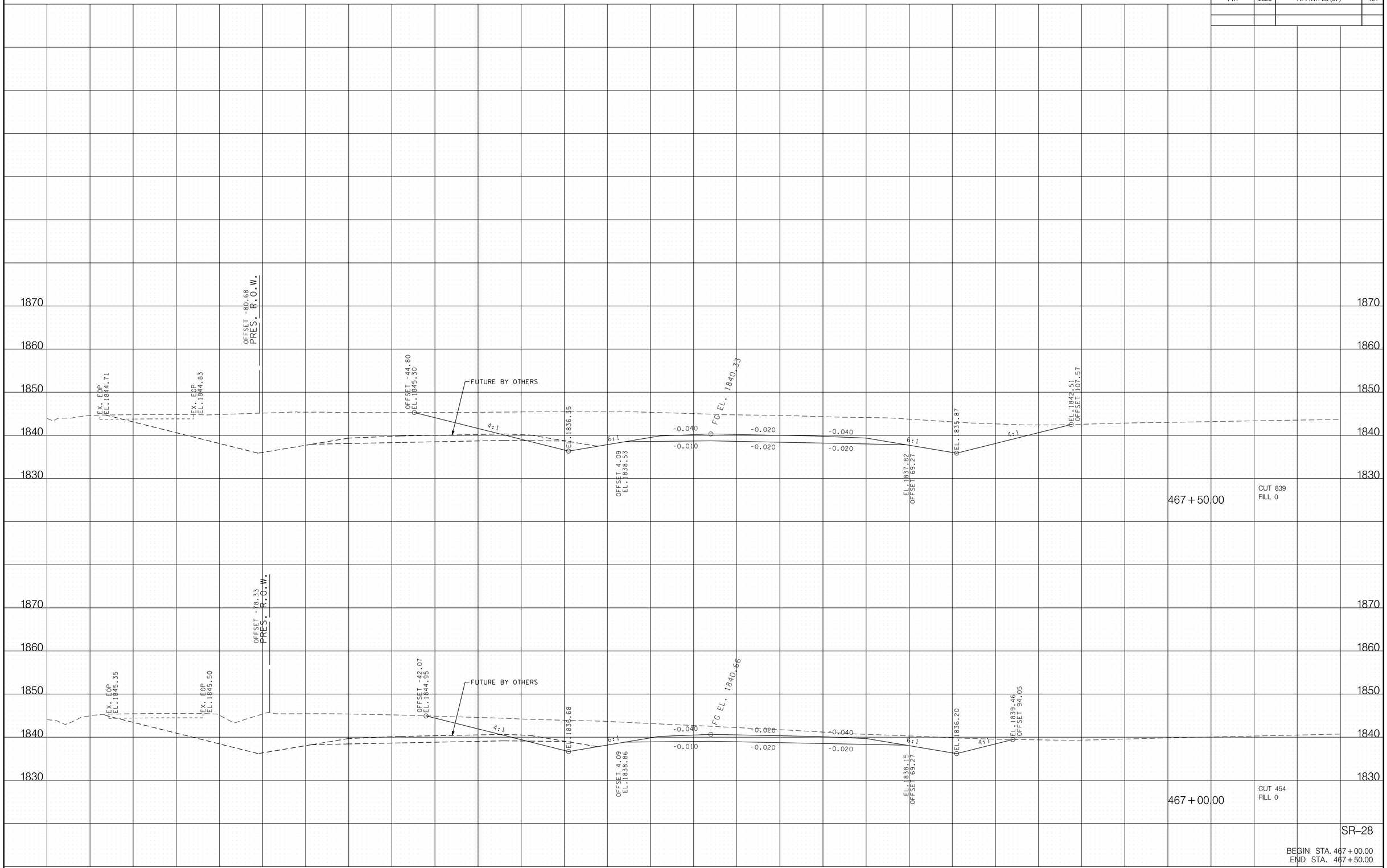
1/30/2026 2:27:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	130
PIH	2025	HPP/NH-28 (37)	100



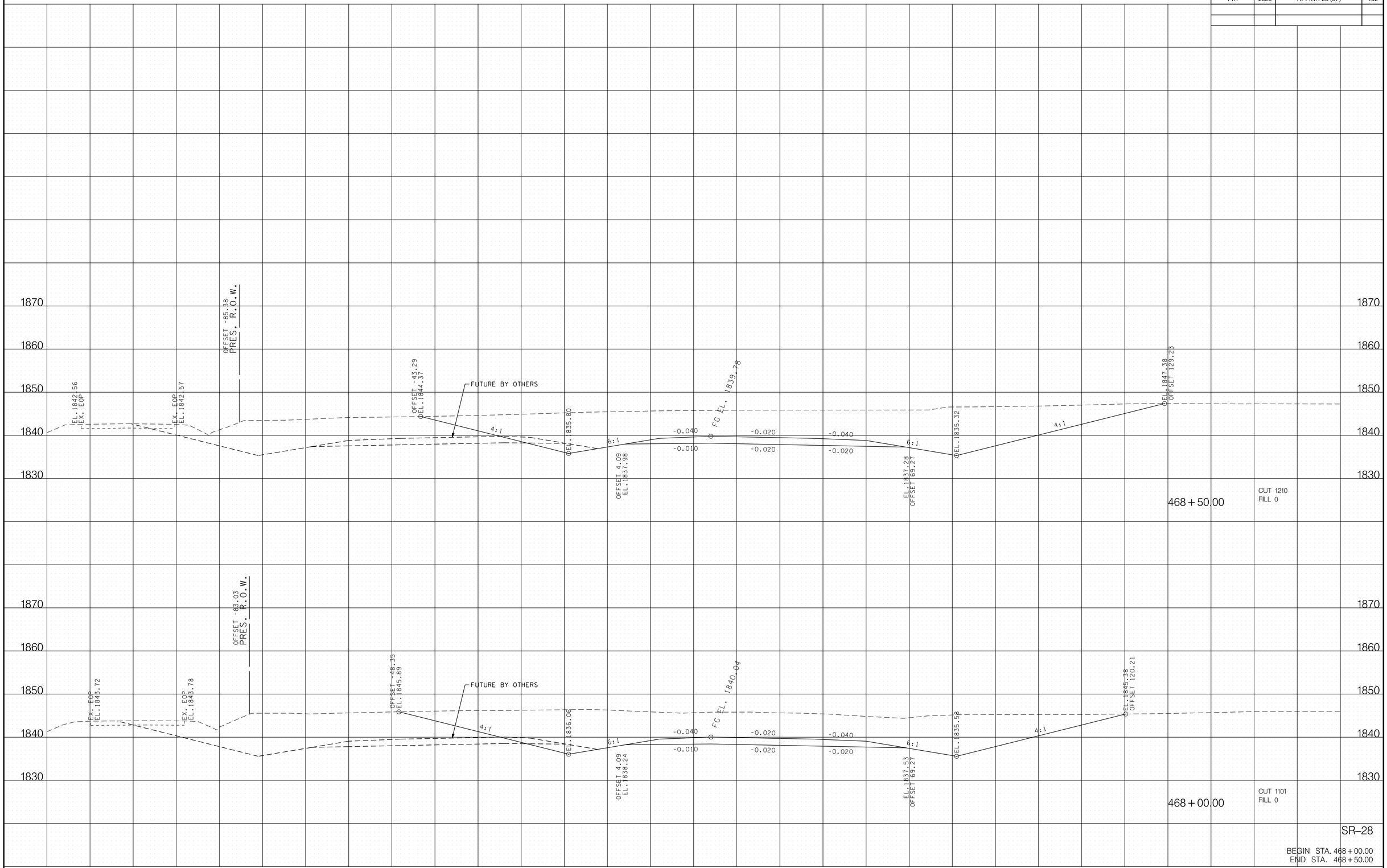
1/30/2026 2:28:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	131
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:28:03 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	132
PIH	2025	HPP/NH-28 (37)	102

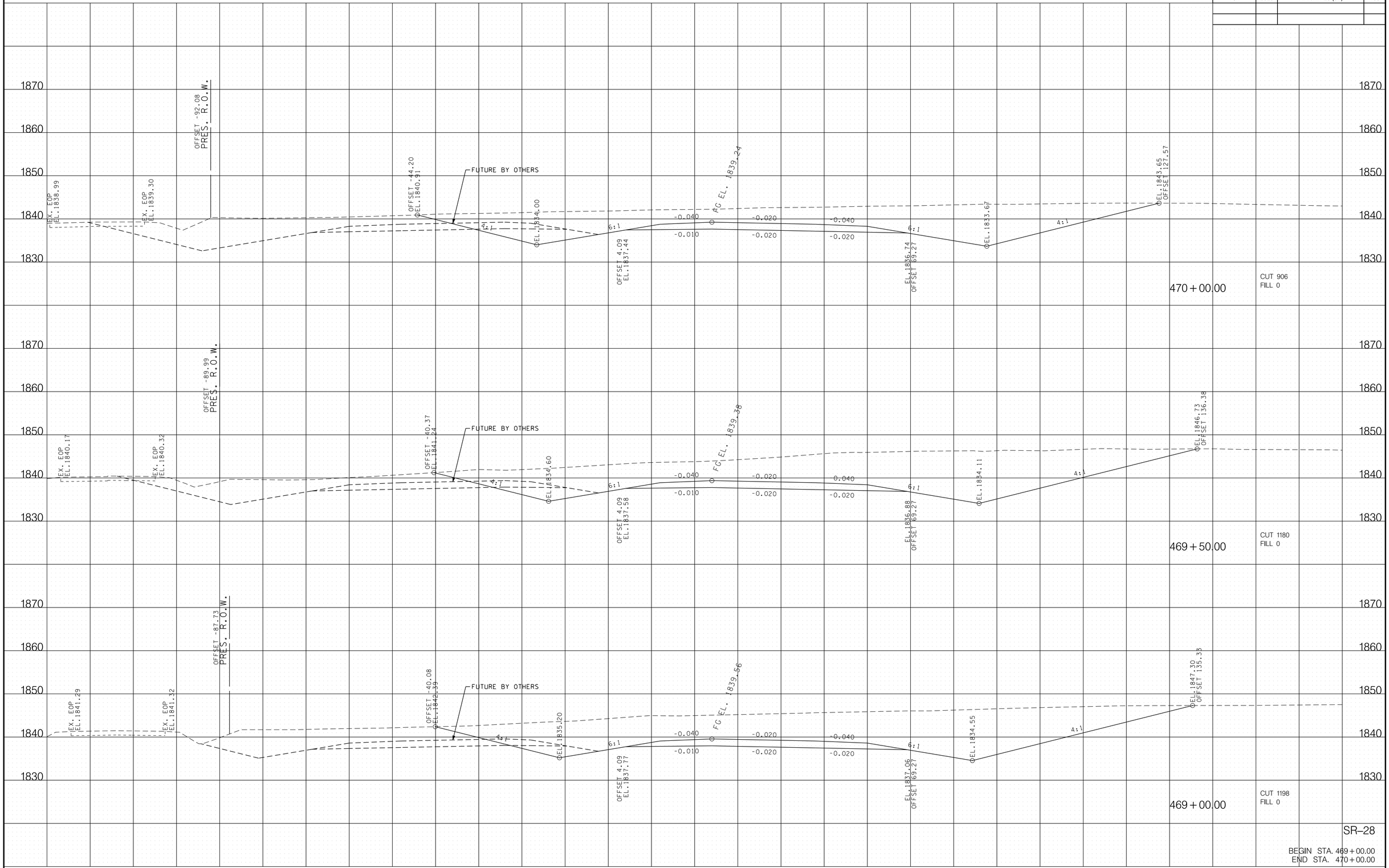


SR–28

BEGIN STA. 468 + 00.00
END STA. 468 + 50.00

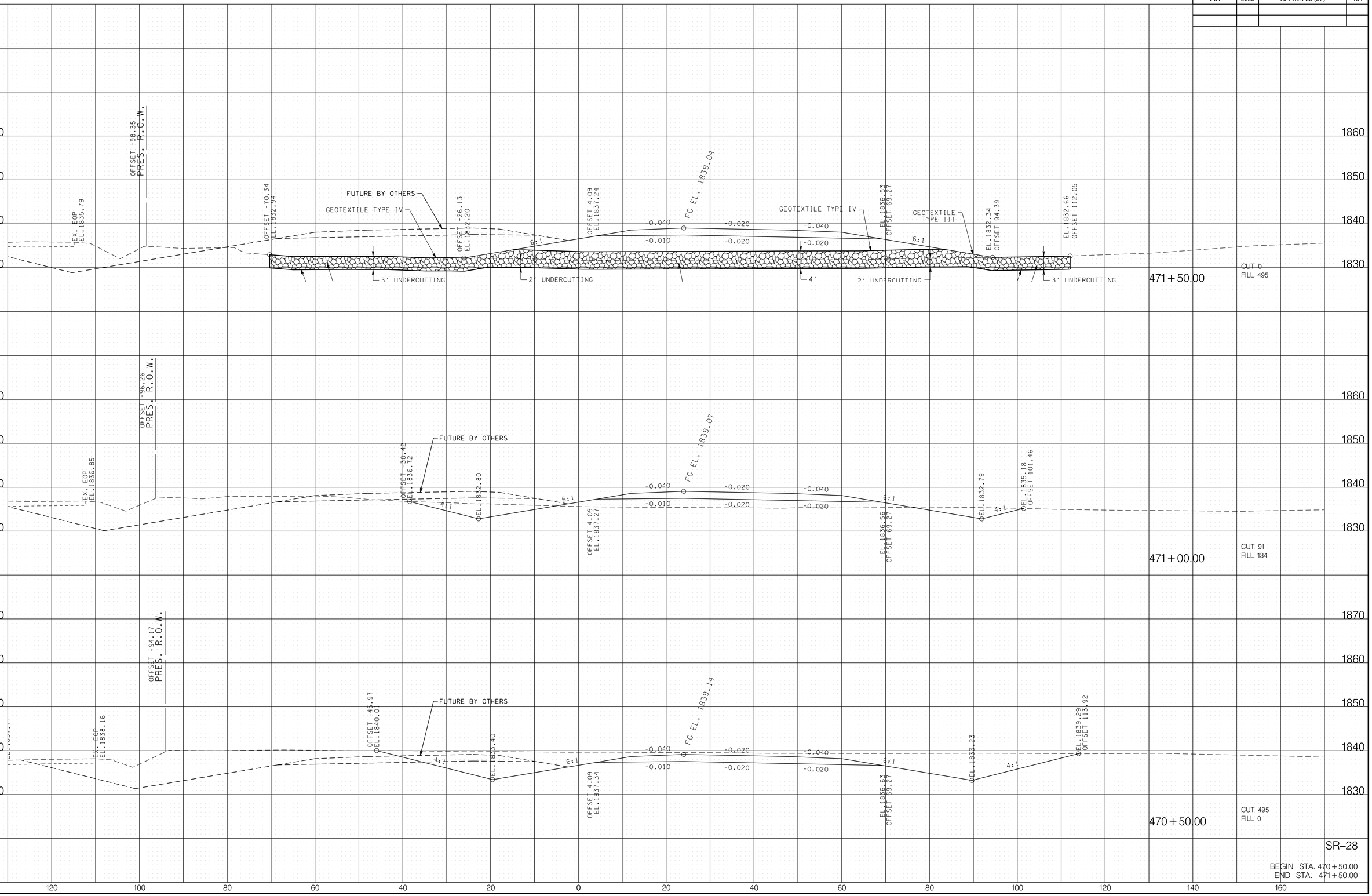
1/30/2026 2:28:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	133
PIH	2025	HPP/NH-28 (37)	103



1/30/2026 2:28:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	134
PIH	2025	HPP/NH-28 (37)	104

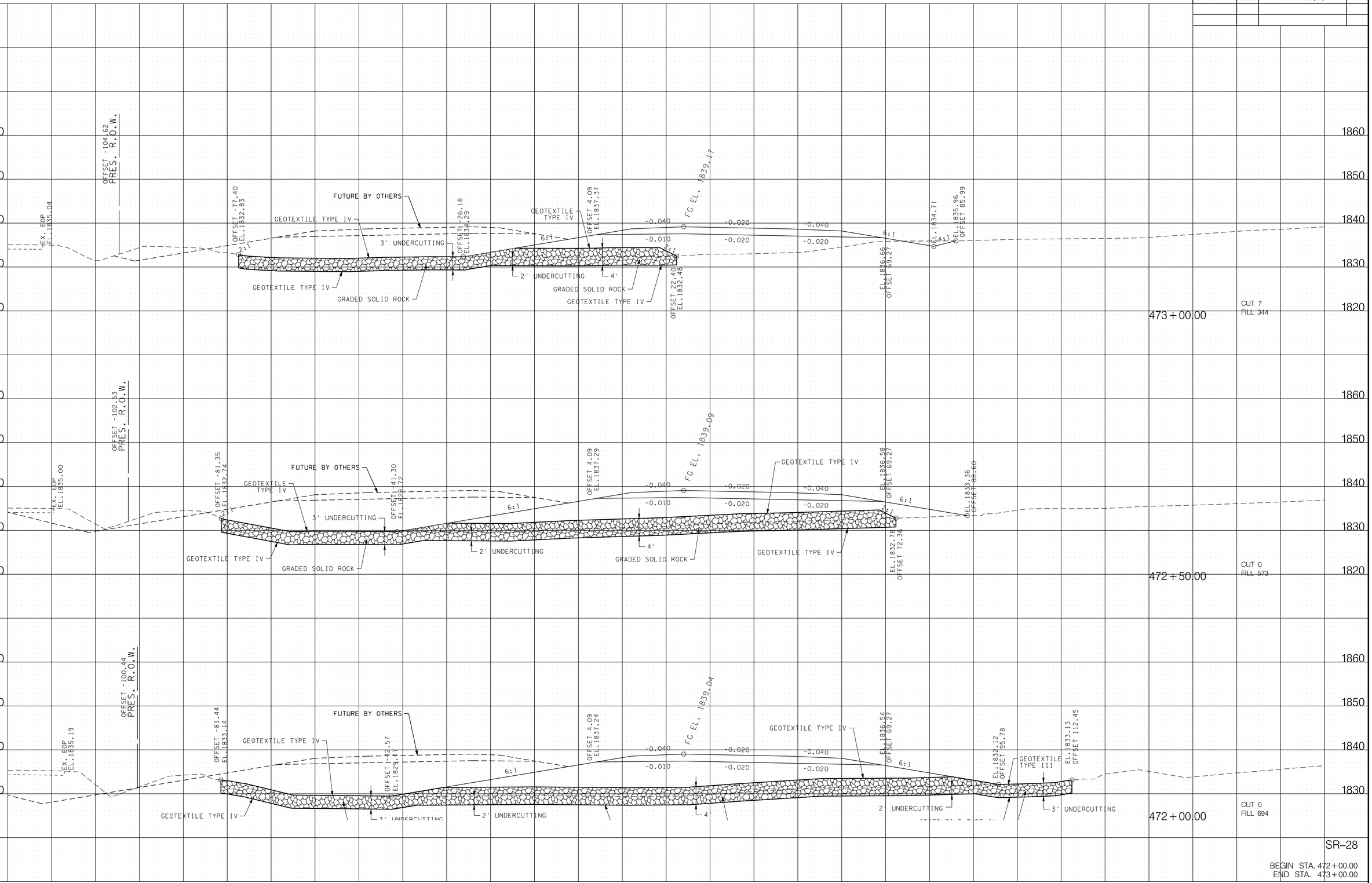


SR–28

BEGIN STA. 470+50.00
END STA. 471+50.00

1/30/2026 2:28:12 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	135
PIH	2025	HPP/NH-28 (37)	100

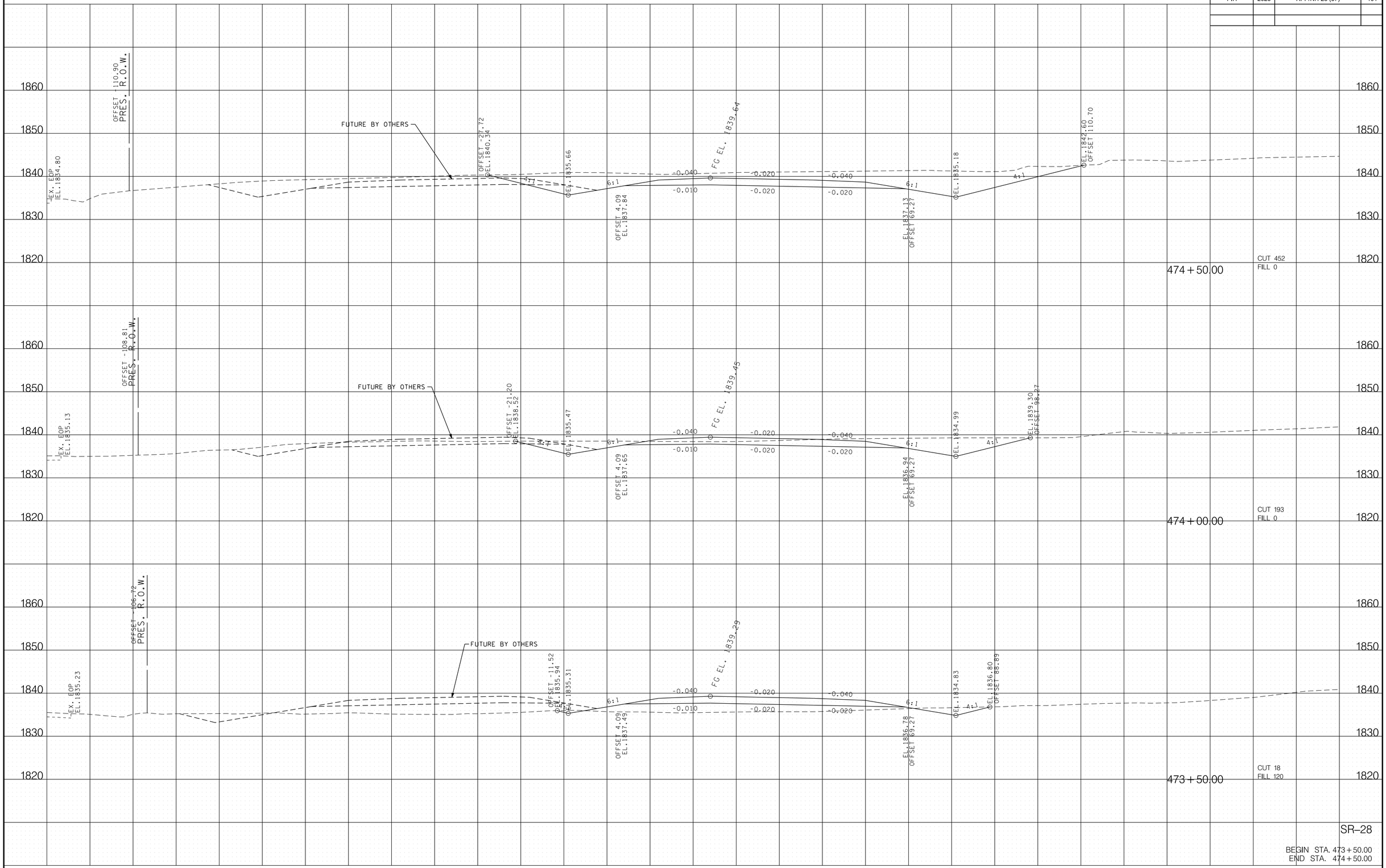


SR–28

BEGIN STA. 472+00.00
END STA. 473+00.00

1/30/2026 2:28:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	136
PIH	2025	HPP/NH-28 (37)	101

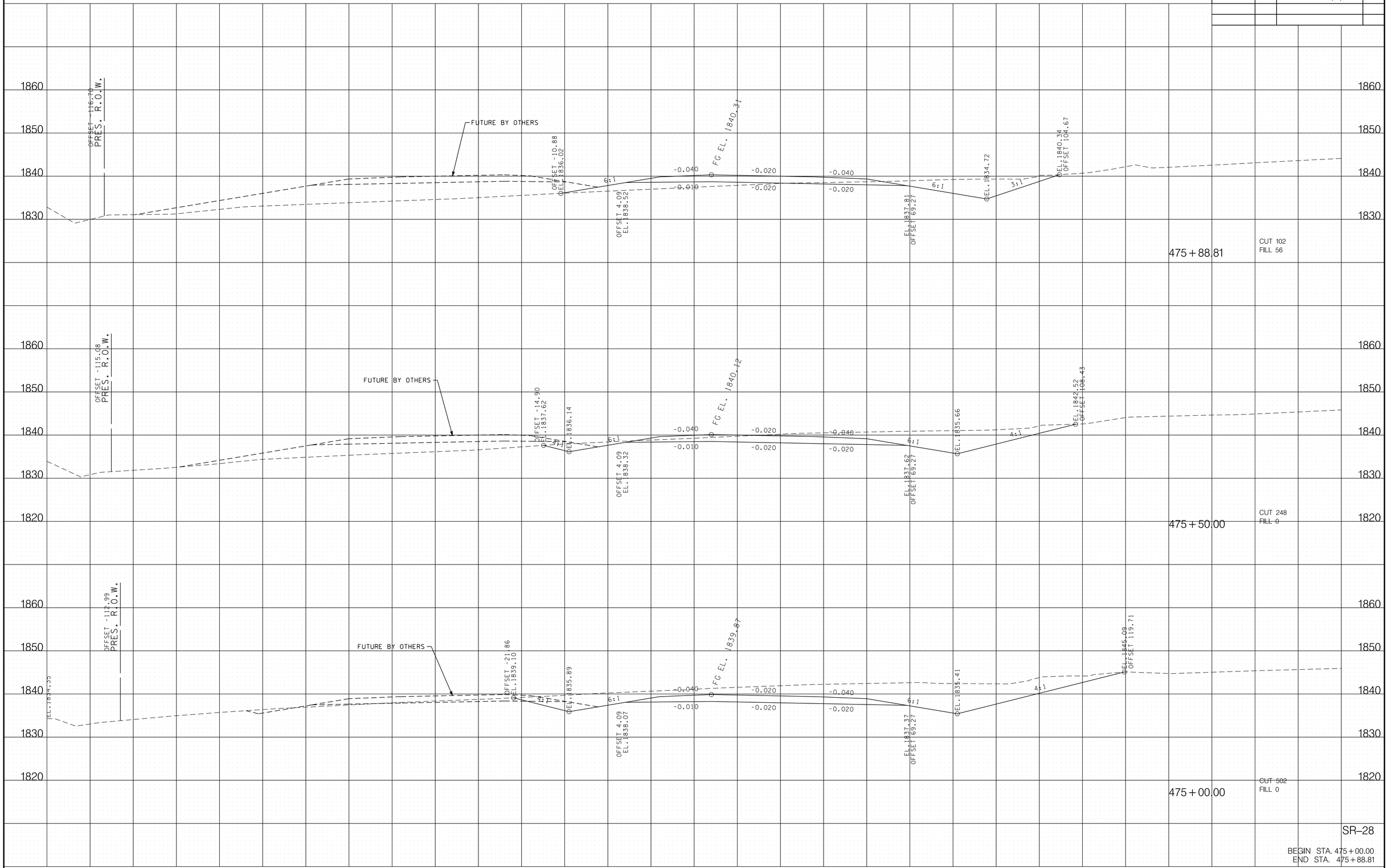


SR–28

BEGIN STA. 473+50.00
END STA. 474+50.00

1/30/2026 2:28:18 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	137
PIH	2025	HPP/NH-28 (37)	102

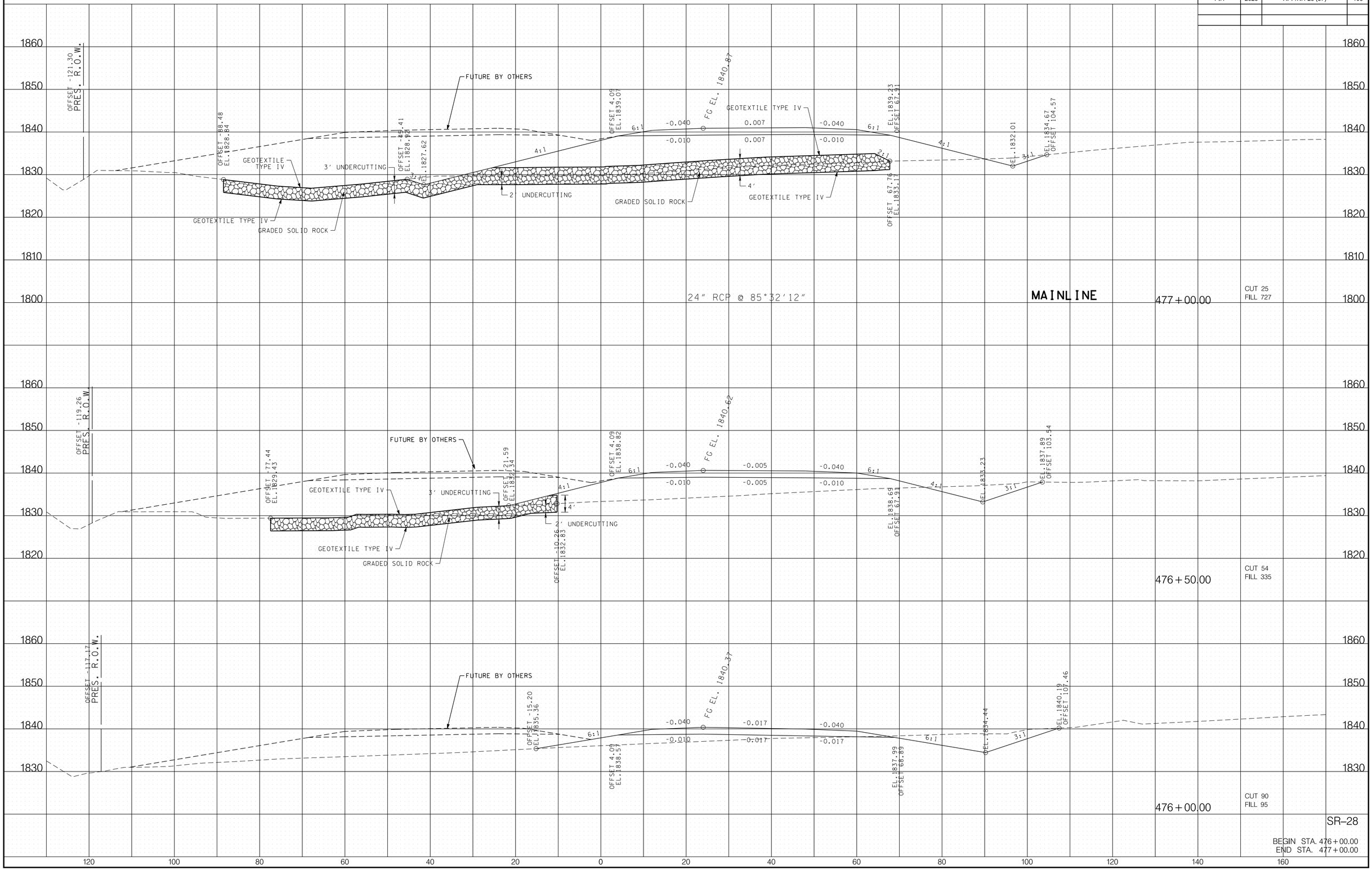


SR–28

BEGIN STA. 475+00.00
END STA. 475+88.81

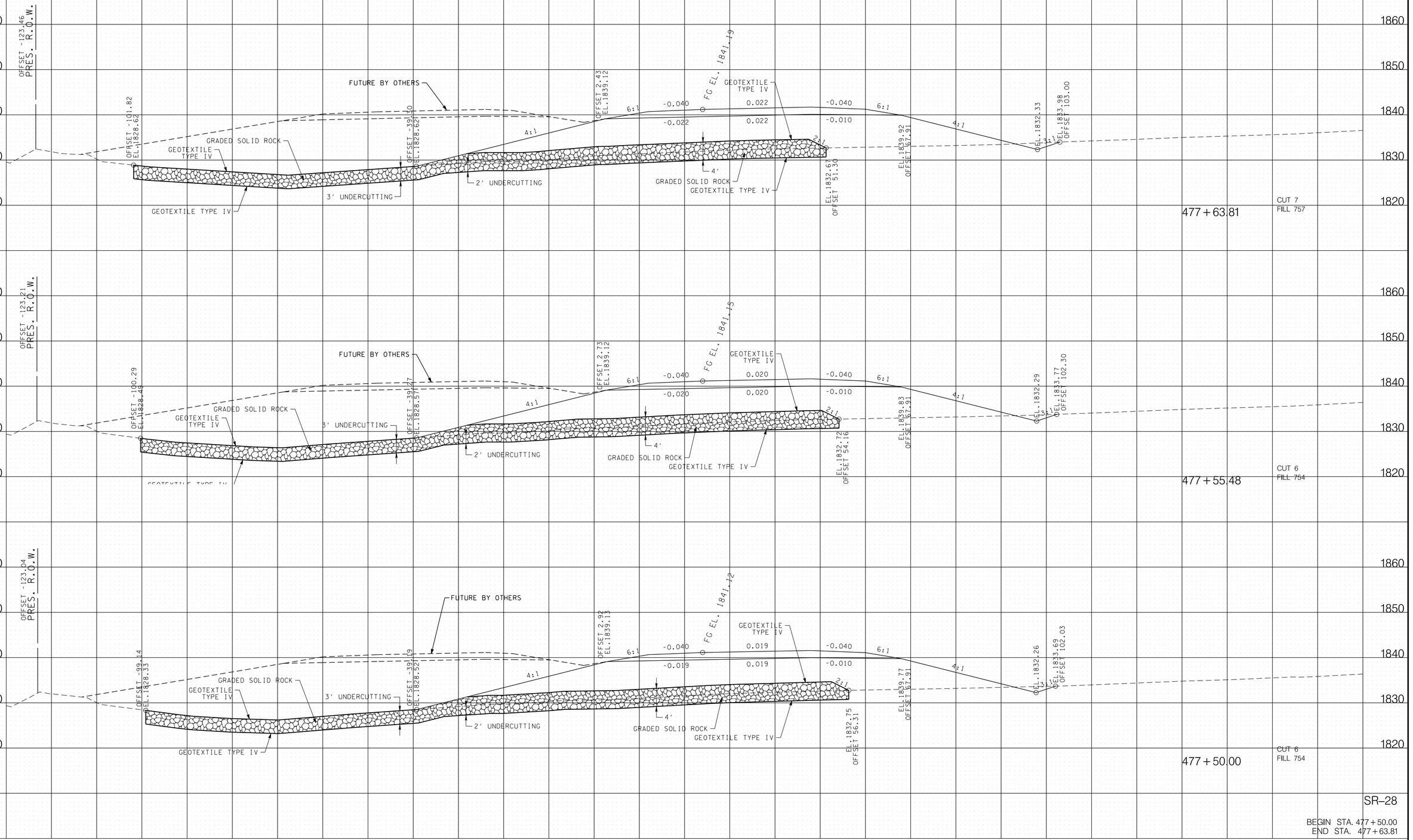
1/30/2026 2:28:21 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	138
PIH	2025	HPP/NH-28 (37)	103



1/30/2026 2:28:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	139
PIH	2025	HPP/NH-28 (37)	104

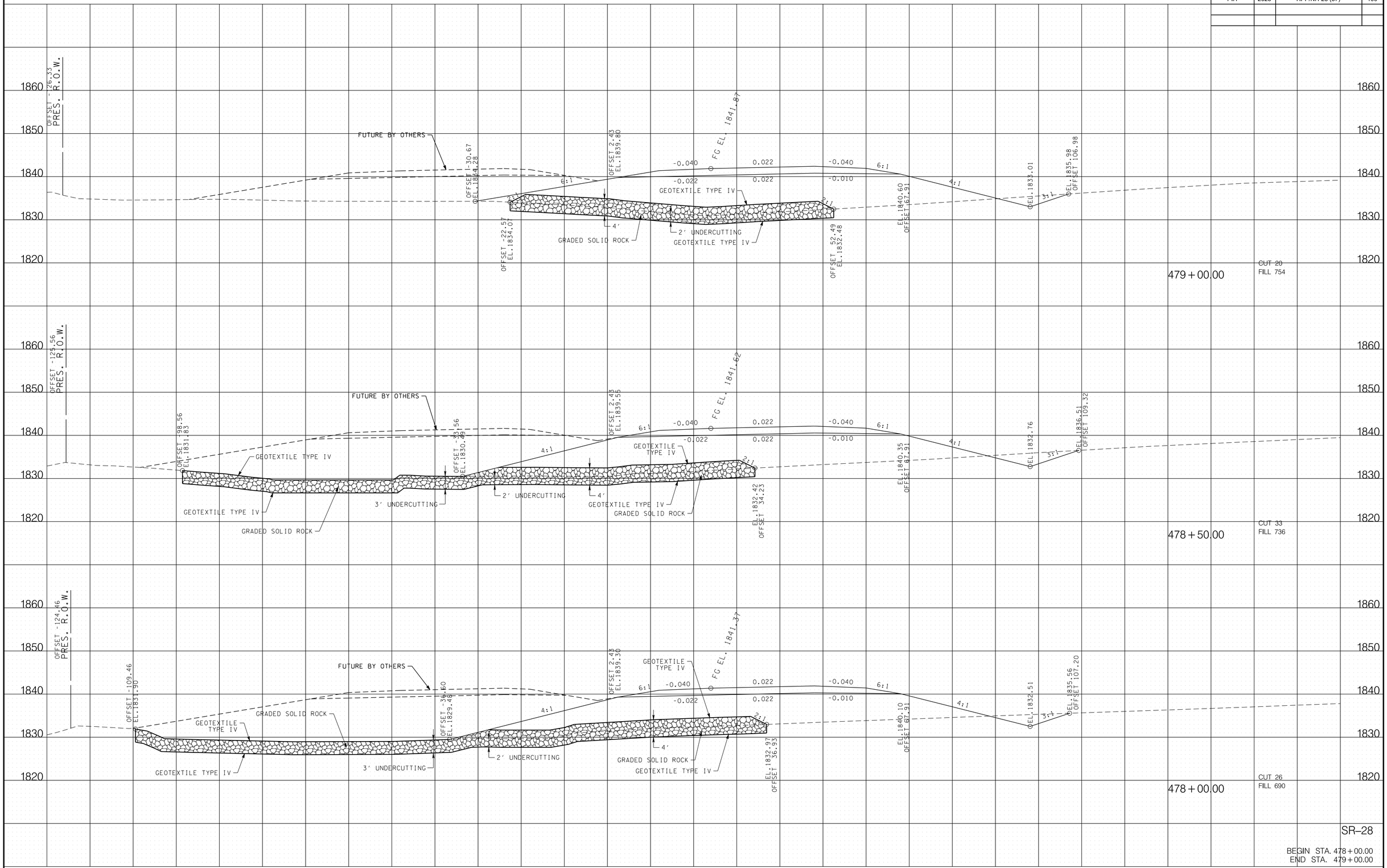


SR-28

BEGIN STA. 477+50.00
END STA. 477+63.81

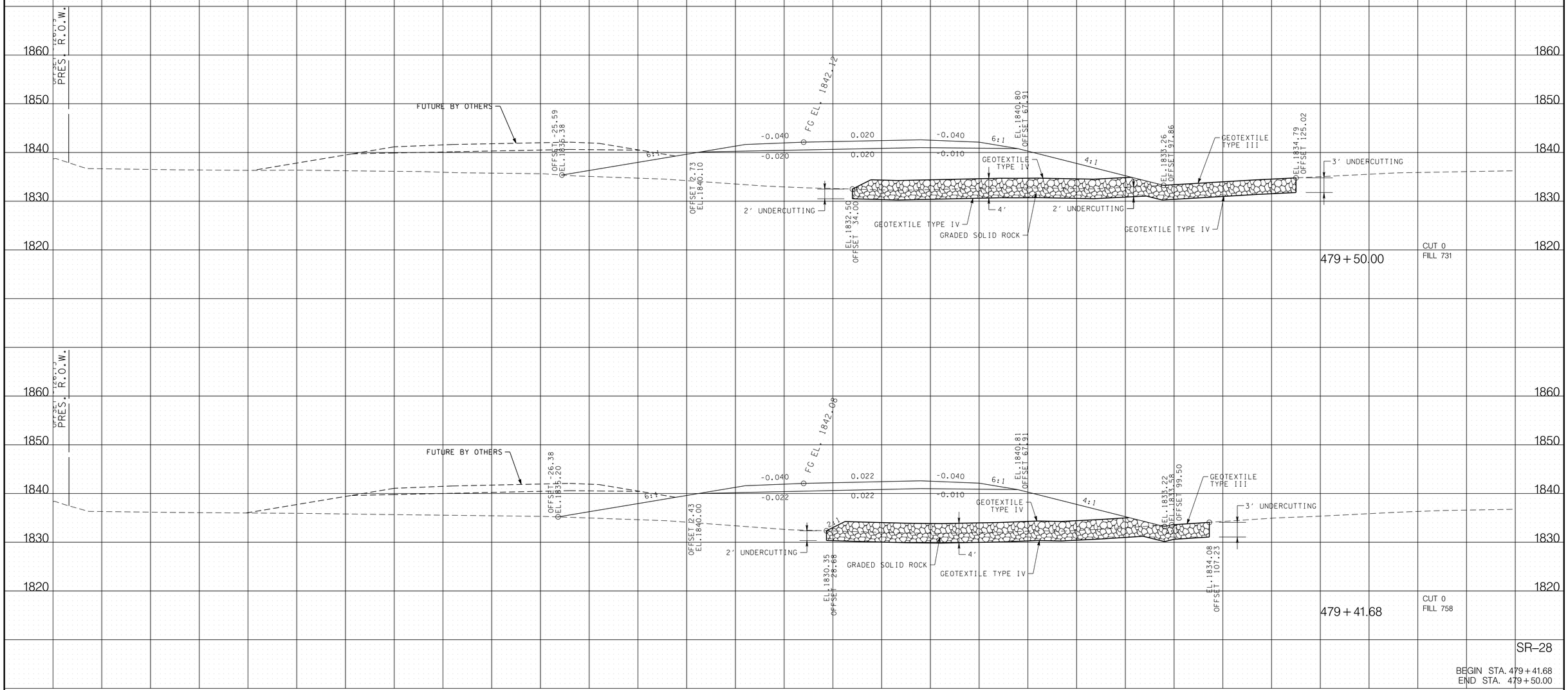
1/30/2026 2:28:28 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	140
PIH	2025	HPP/NH-28 (37)	100



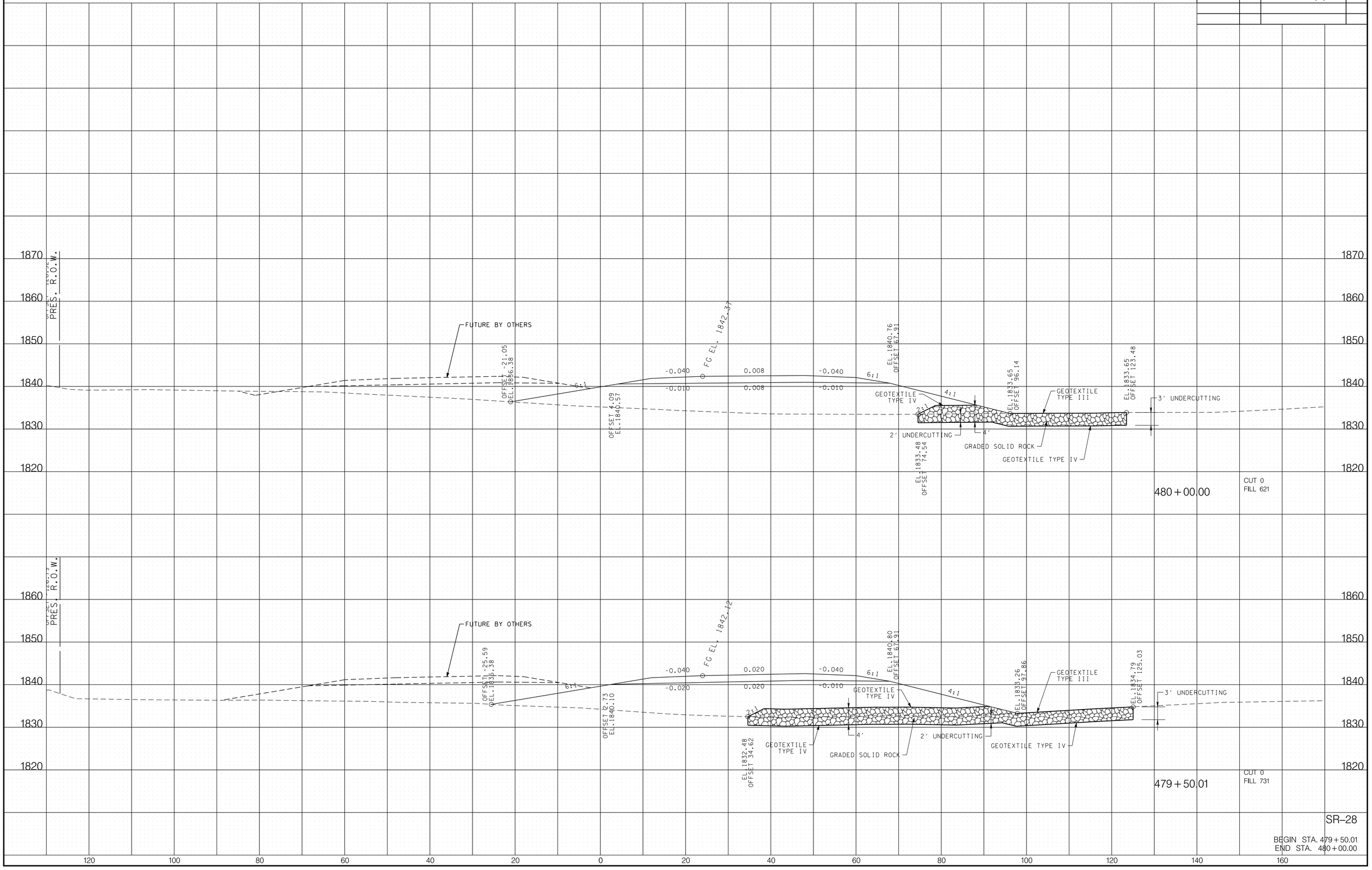
1/30/2026 2:28:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	141
PIH	2025	HPP/NH-28 (37)	101



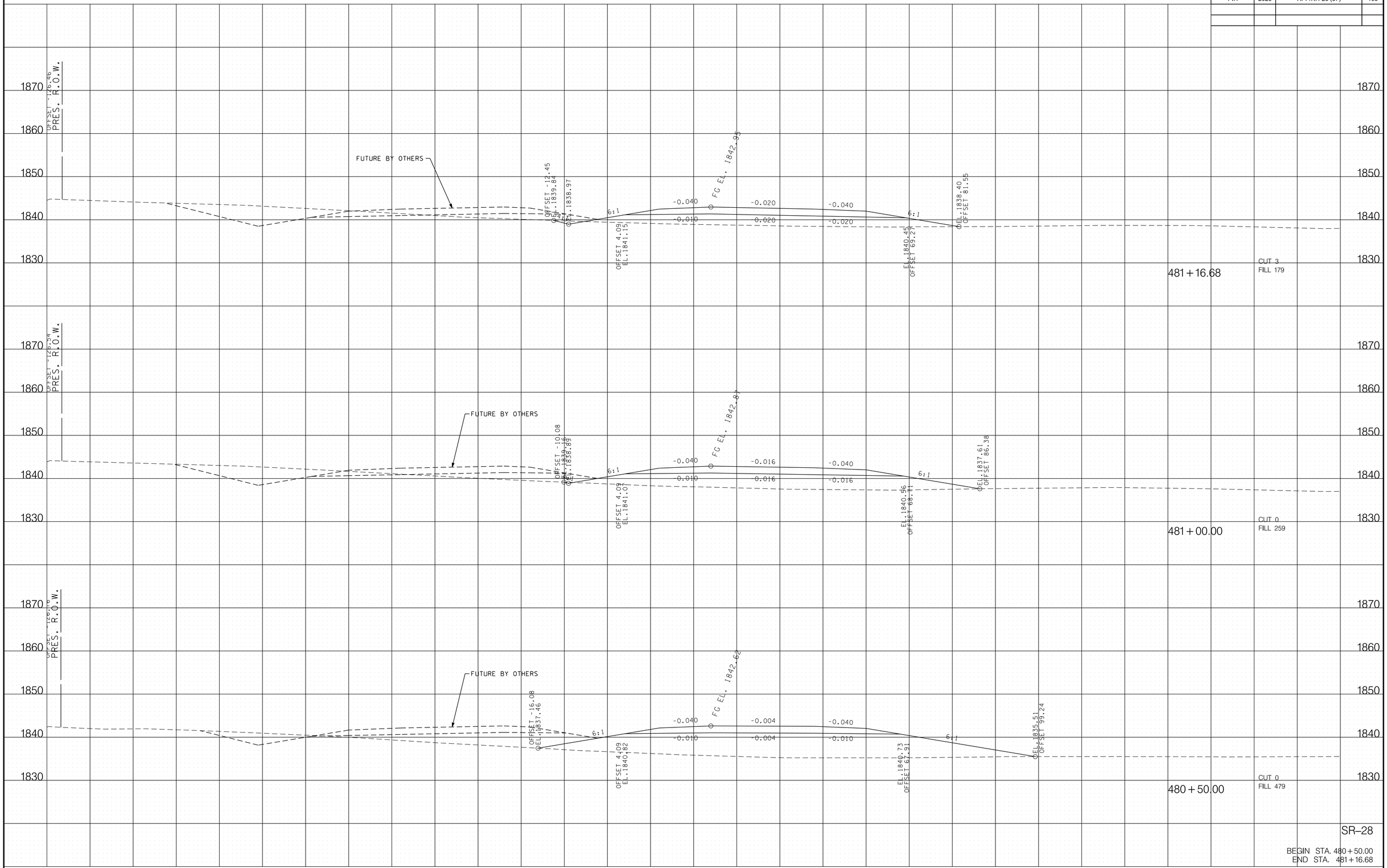
1/30/2026 2:28:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	142
PIH	2025	HPP/NH-28 (37)	102



1/30/2026 2:28:39 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	143
PIH	2025	HPP/NH-28 (37)	103

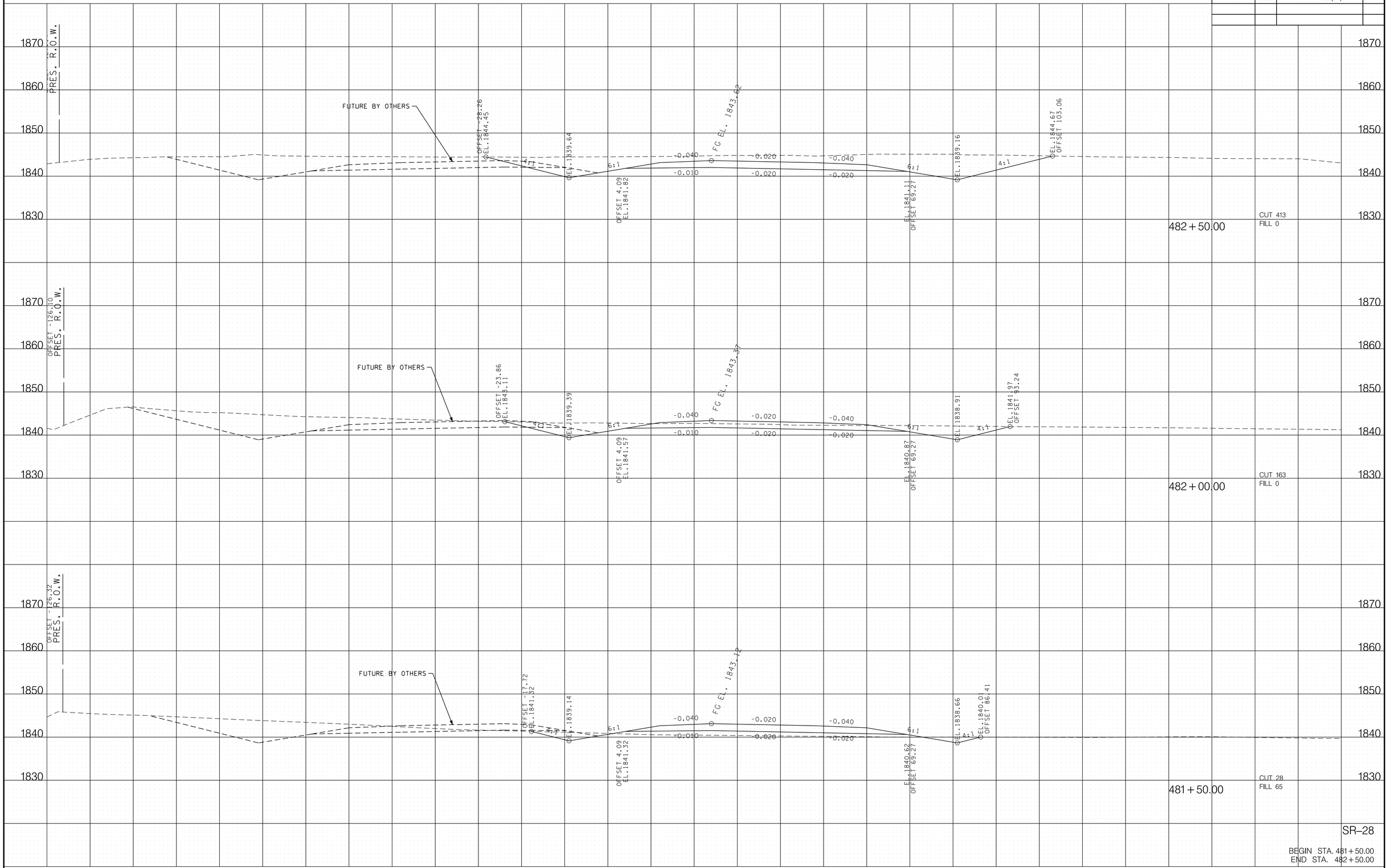


SR–28

BEGIN STA. 480+50.00
END STA. 481+16.68

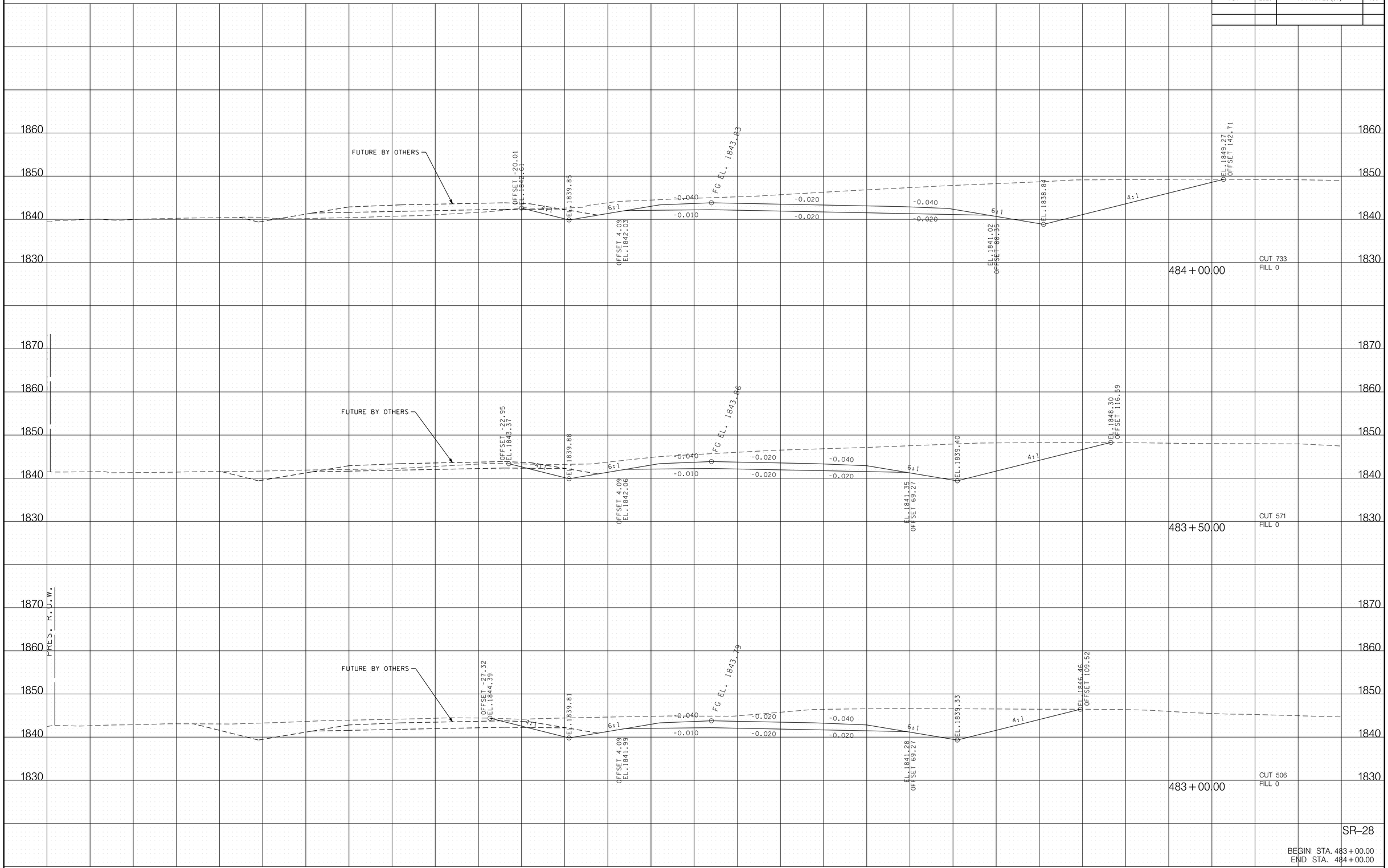
1/30/2026 2:28:42 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	144
PIH	2025	HPP/NH-28 (37)	104



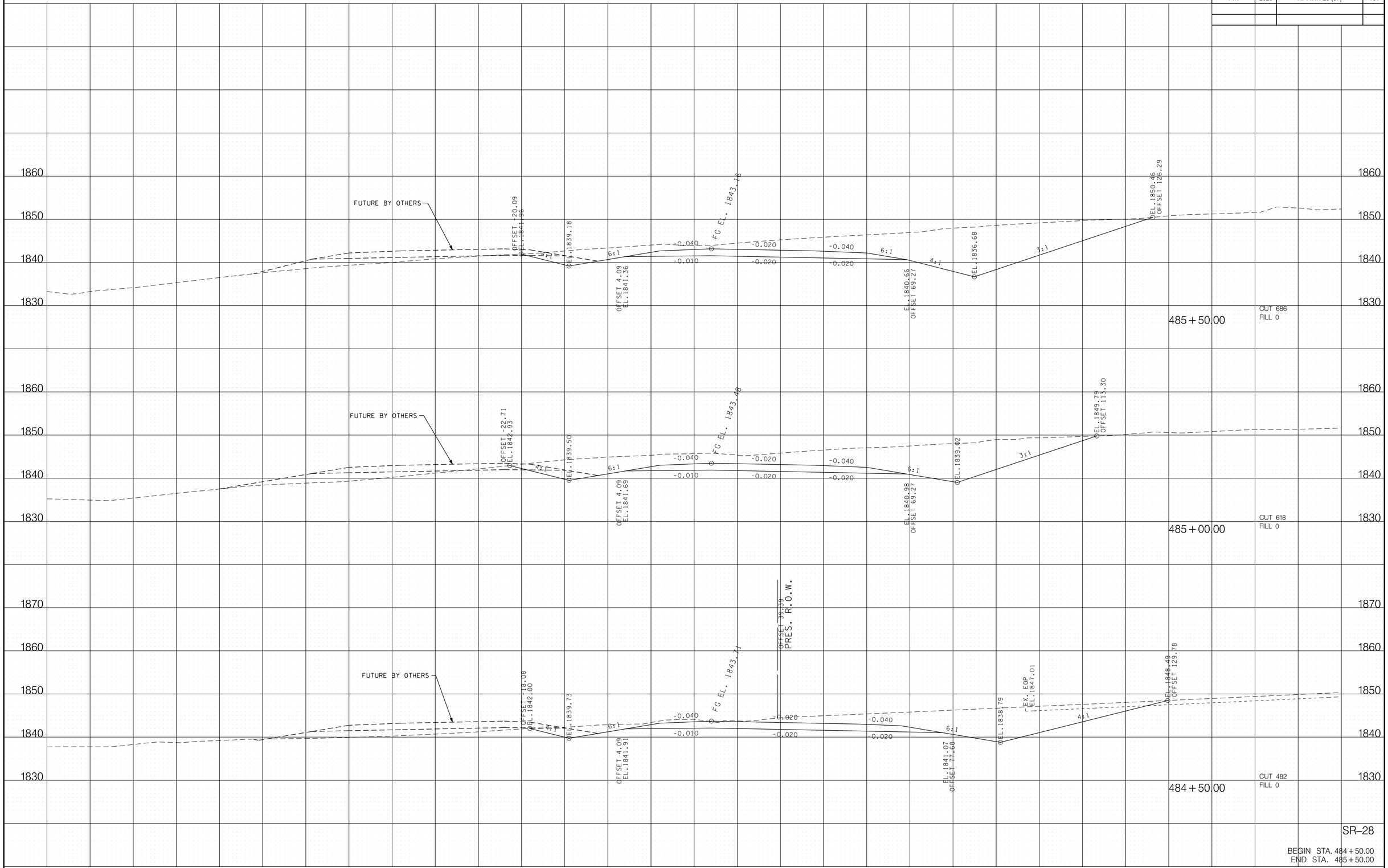
1/30/2026 2:28:45 PM
P:\2009 Projects\09-05-0201 - SR-281Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	145
PIH	2025	HPP/NH-28 (37)	100



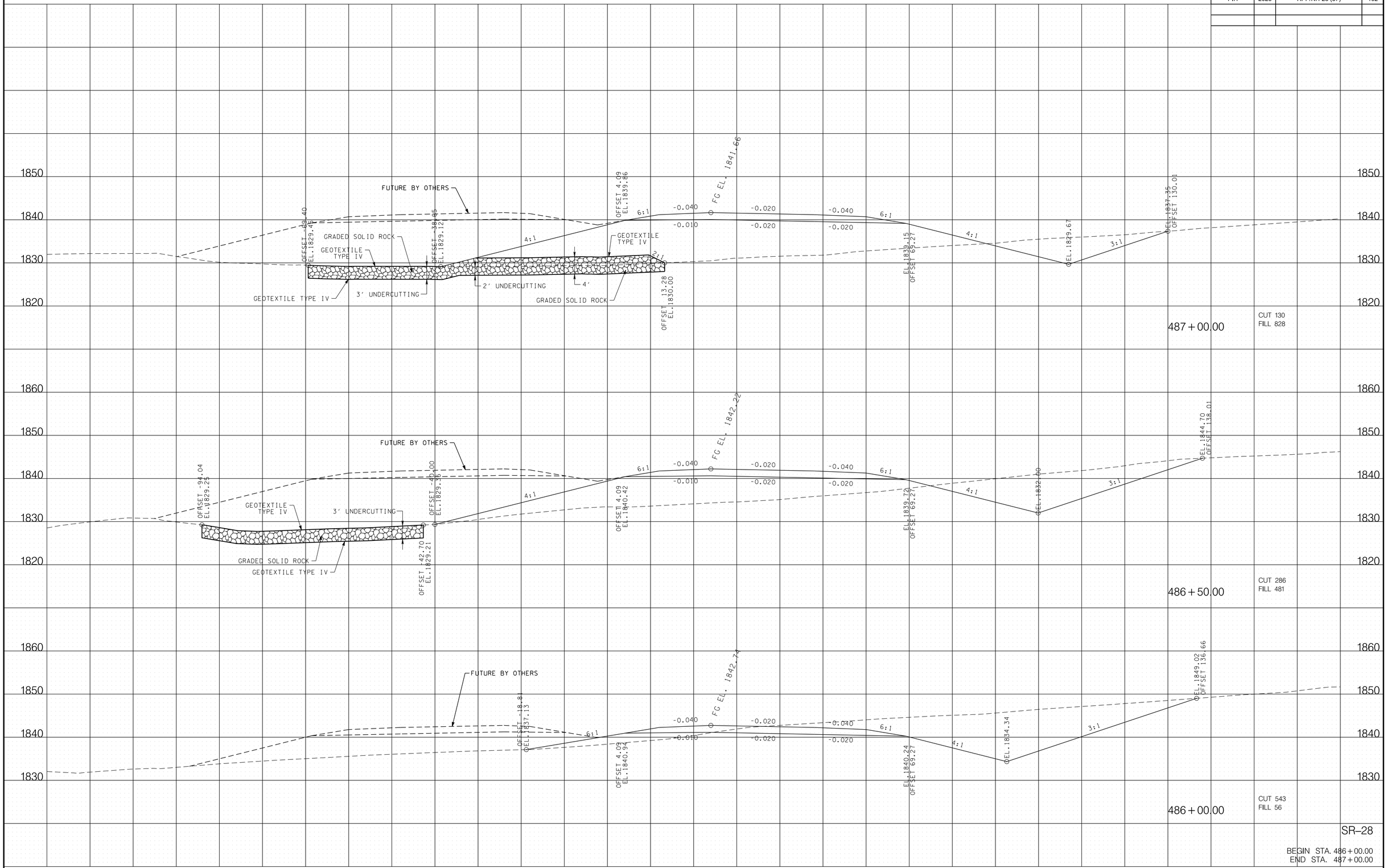
1/30/2026 2:28:49 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	146
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:28:52 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	147
PIH	2025	HPP/NH-28 (37)	102

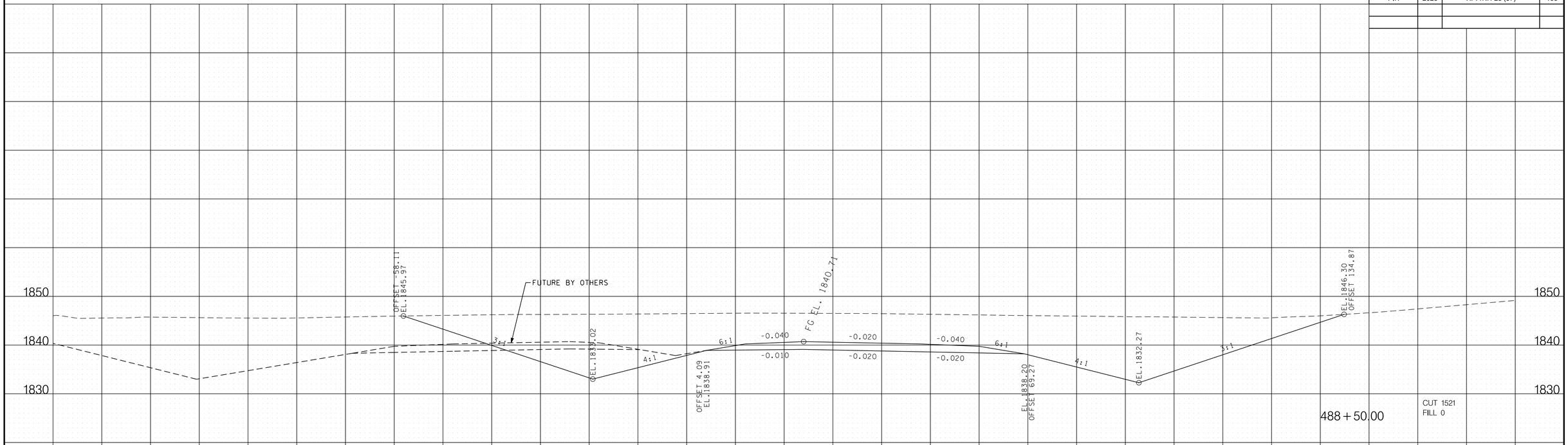


SR–28

BEGIN STA. 486+00.00
END STA. 487+00.00

1/30/2026 2:28:55 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	148
PIH	2025	HPP/NH-28 (37)	103

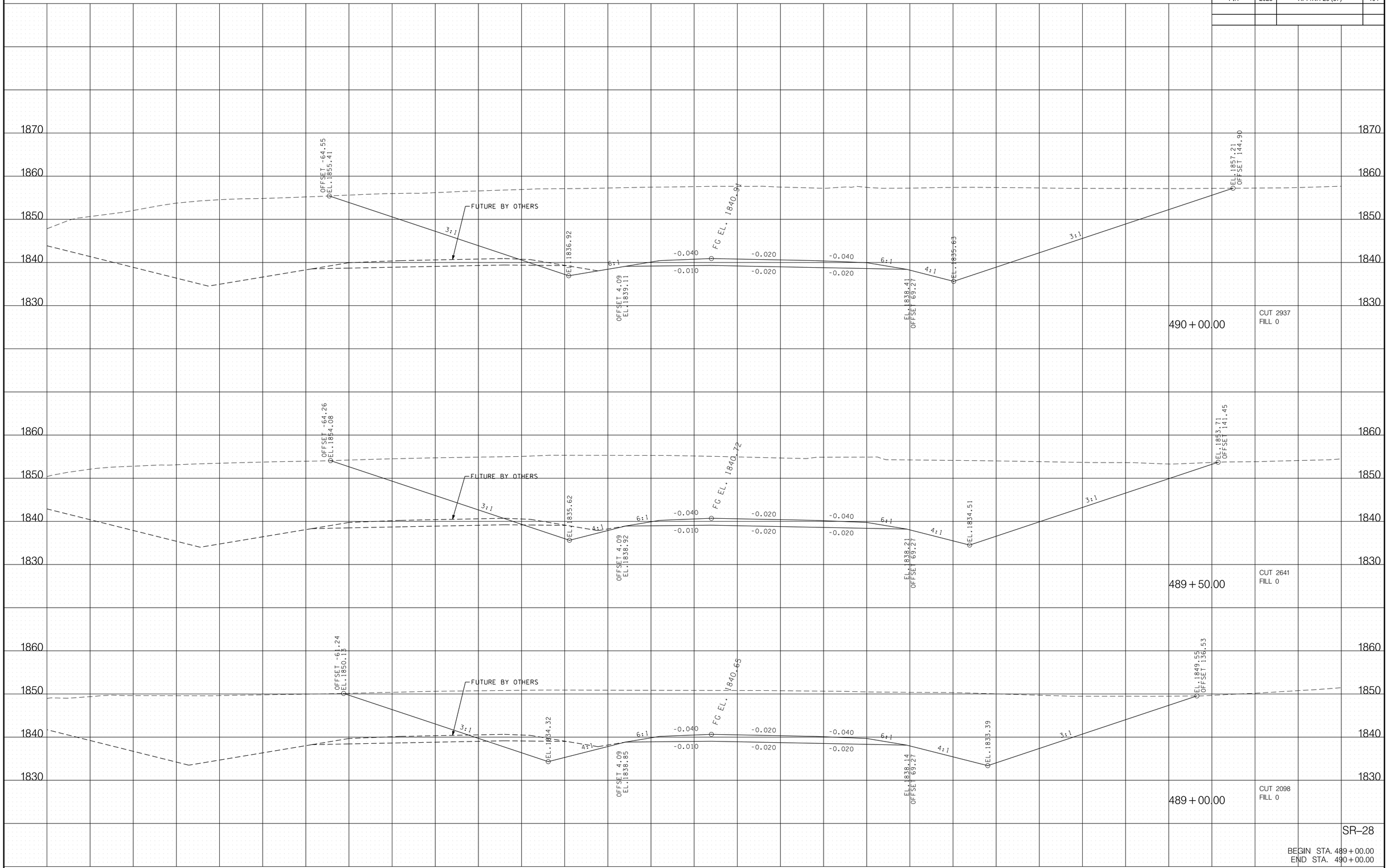


SR–28

BEGIN STA. 487 + 50.00
END STA. 488 + 50.00

1/30/2026 2:28:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	149
PIH	2025	HPP/NH-28 (37)	104

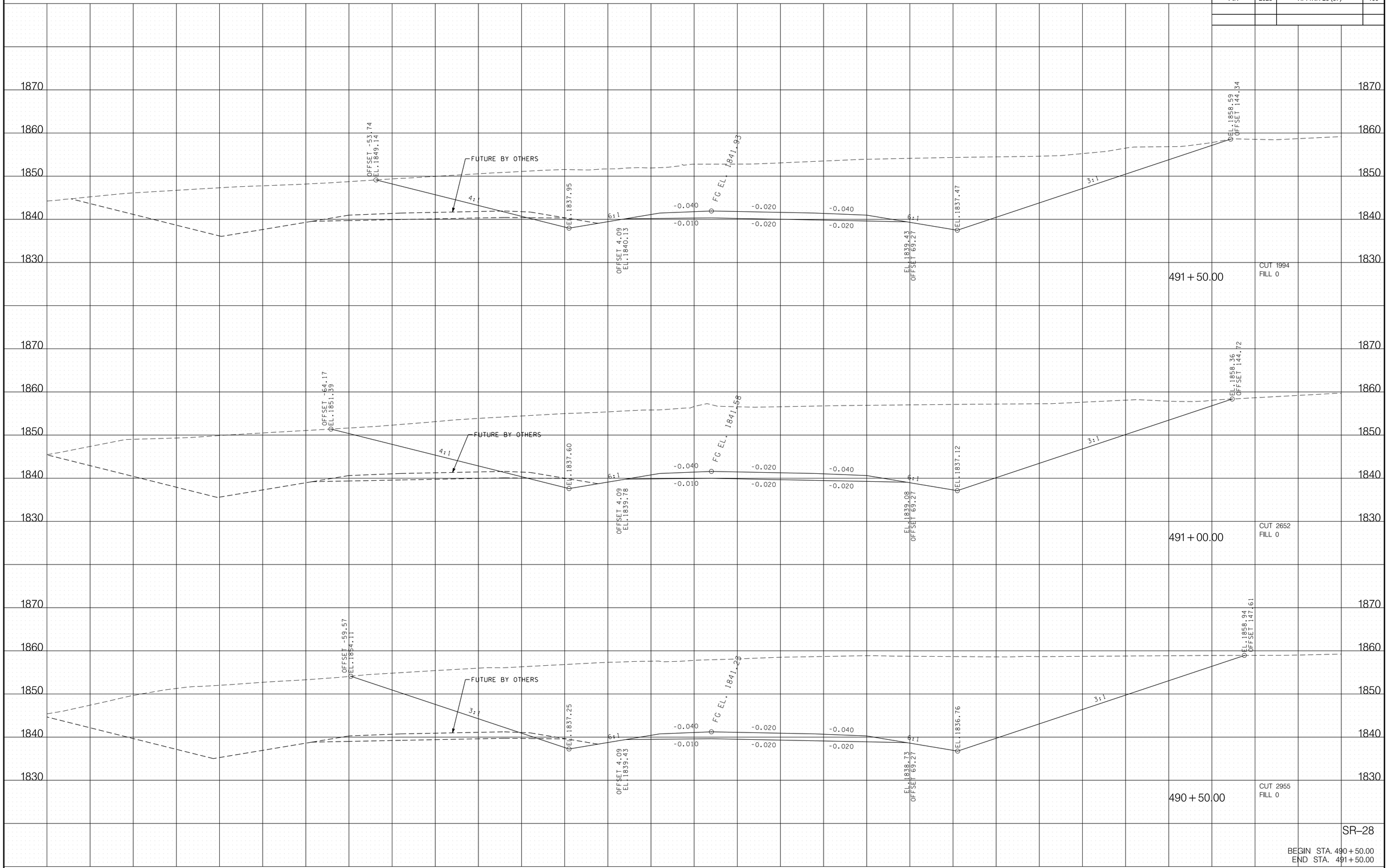


SR–28

BEGIN STA. 489 + 00.00
END STA. 490 + 00.00

1/30/2026 2:29:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	150
PIH	2025	HPP/NH-28 (37)	100

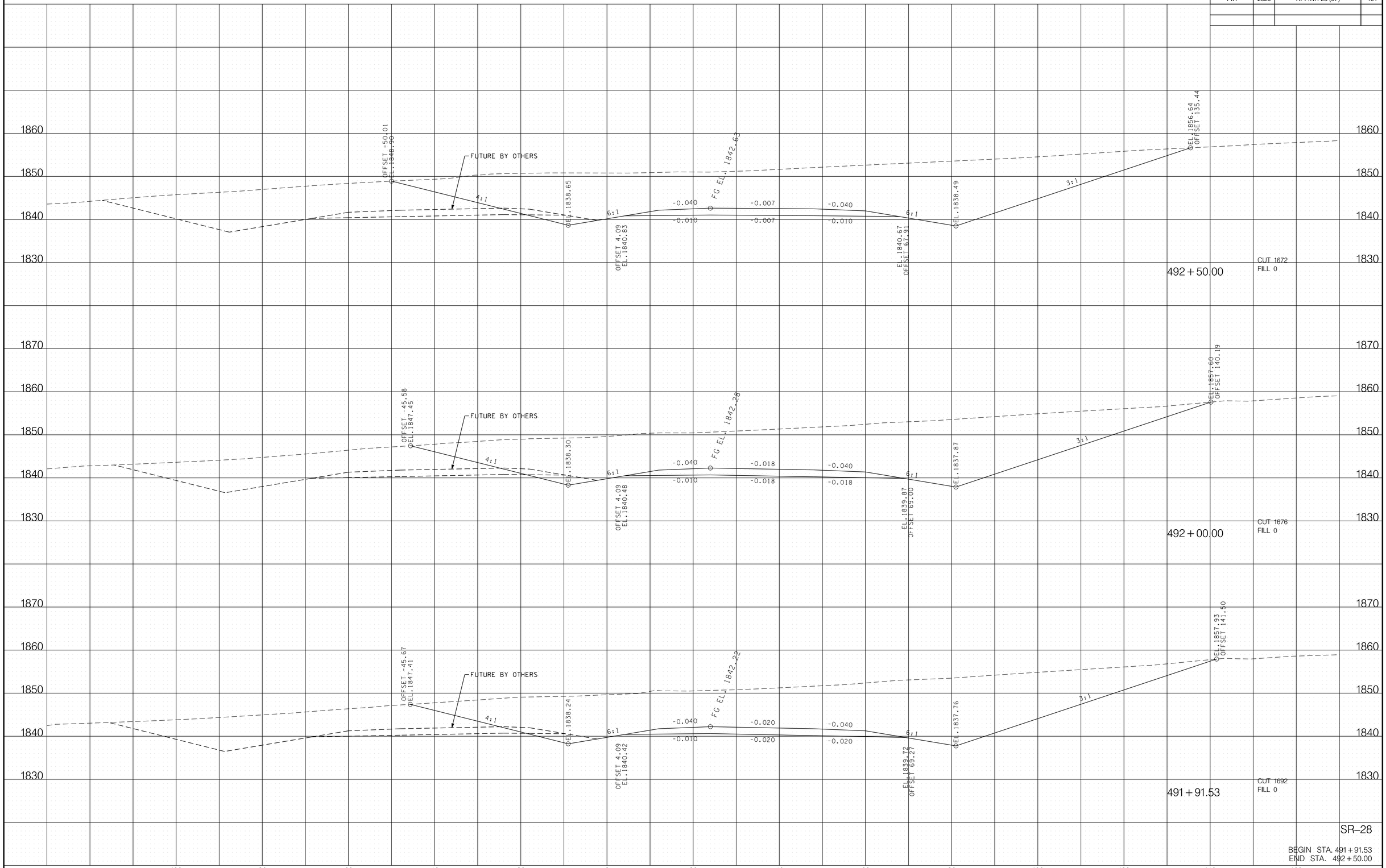


SR-28

BEGIN STA. 490+50.00
END STA. 491+50.00

1/30/2026 2:29:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	151
PIH	2025	HPP/NH-28 (37)	101

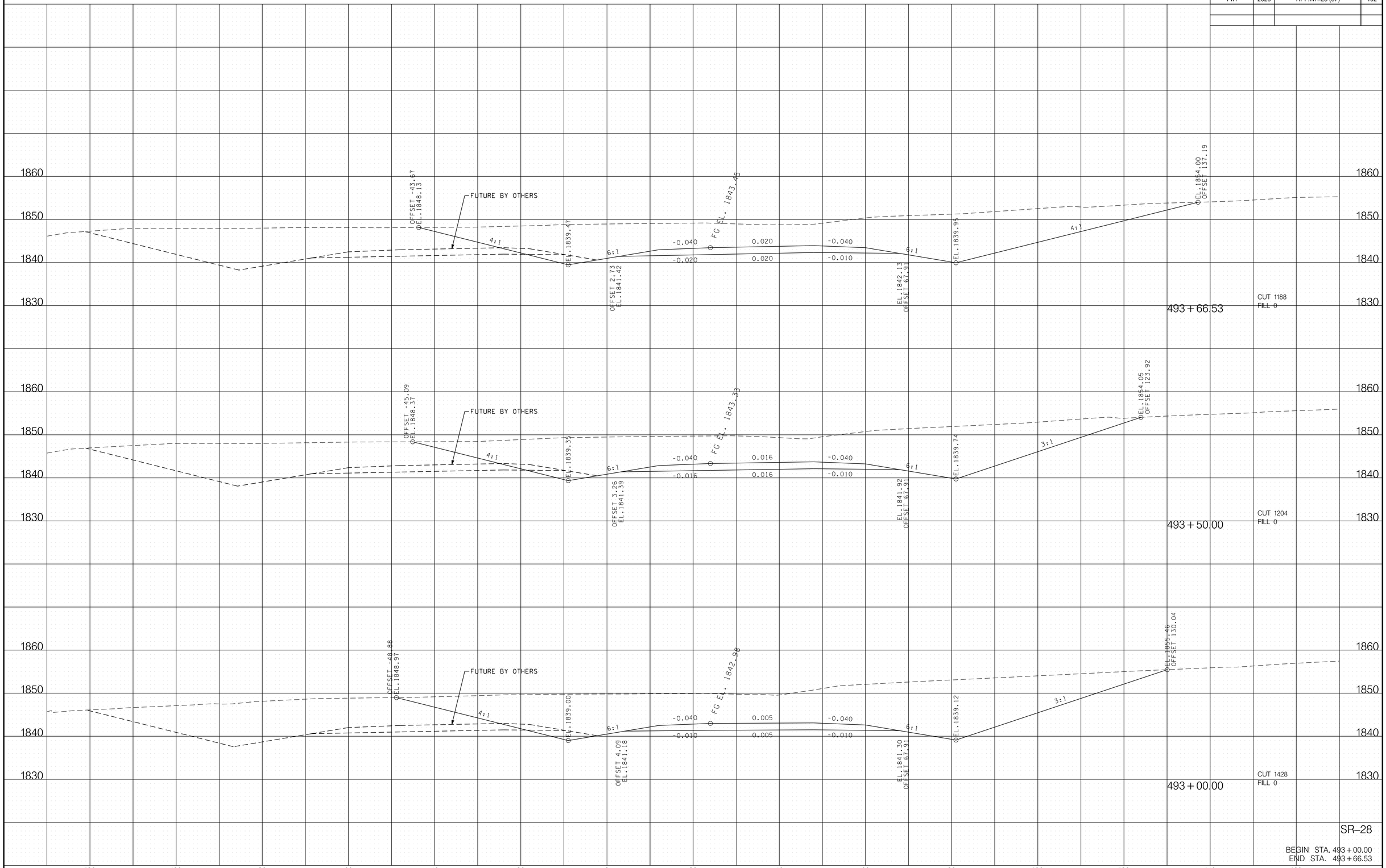


SR–28

BEGIN STA. 491 + 91.53
END STA. 492 + 50.00

1/30/2026 2:29:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	152
PIH	2025	HPP/NH-28 (37)	102

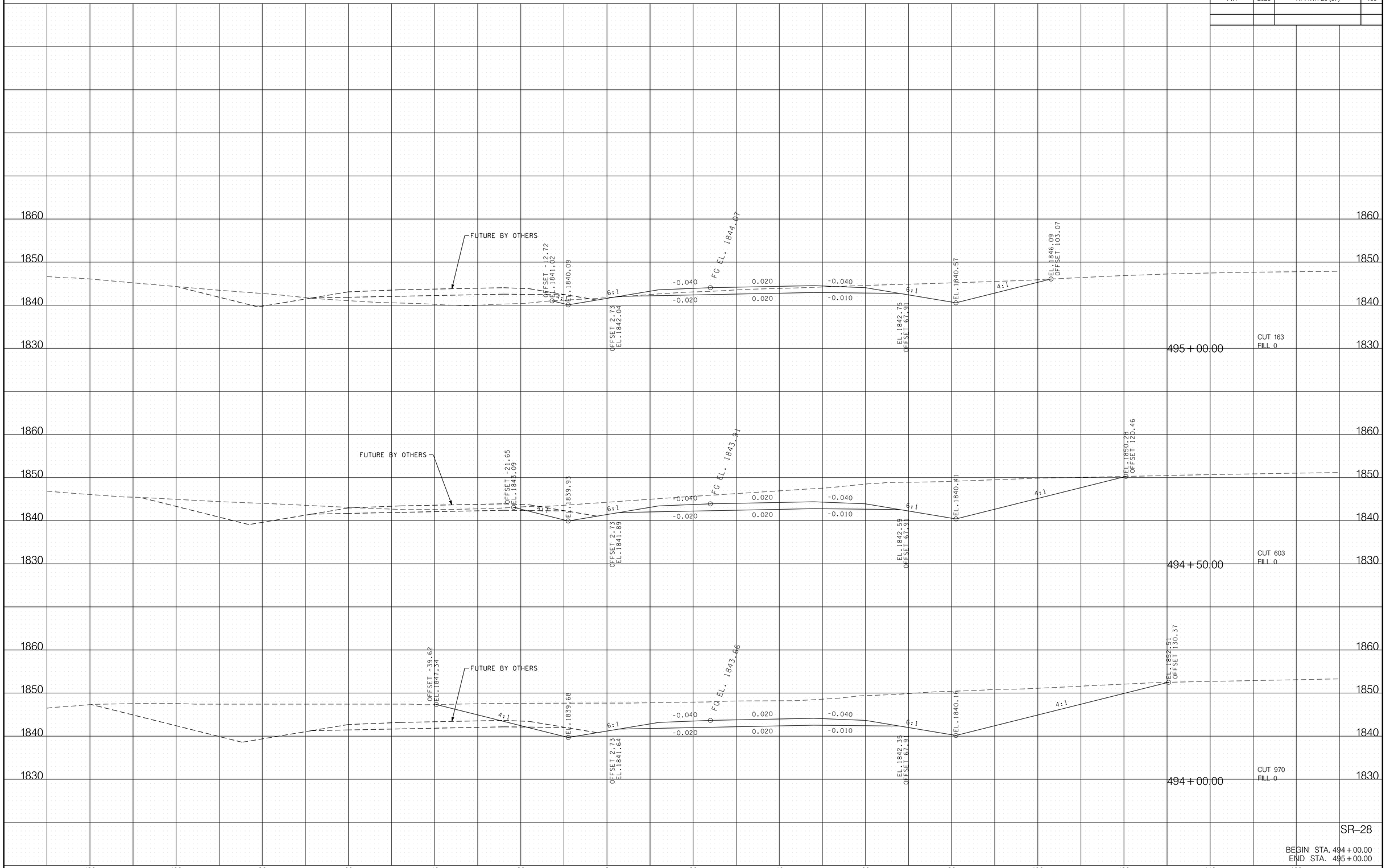


SR–28

BEGIN STA. 493+00.00
END STA. 493+66.53

1/30/2026 2:29:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	153
PIH	2025	HPP/NH-28 (37)	103

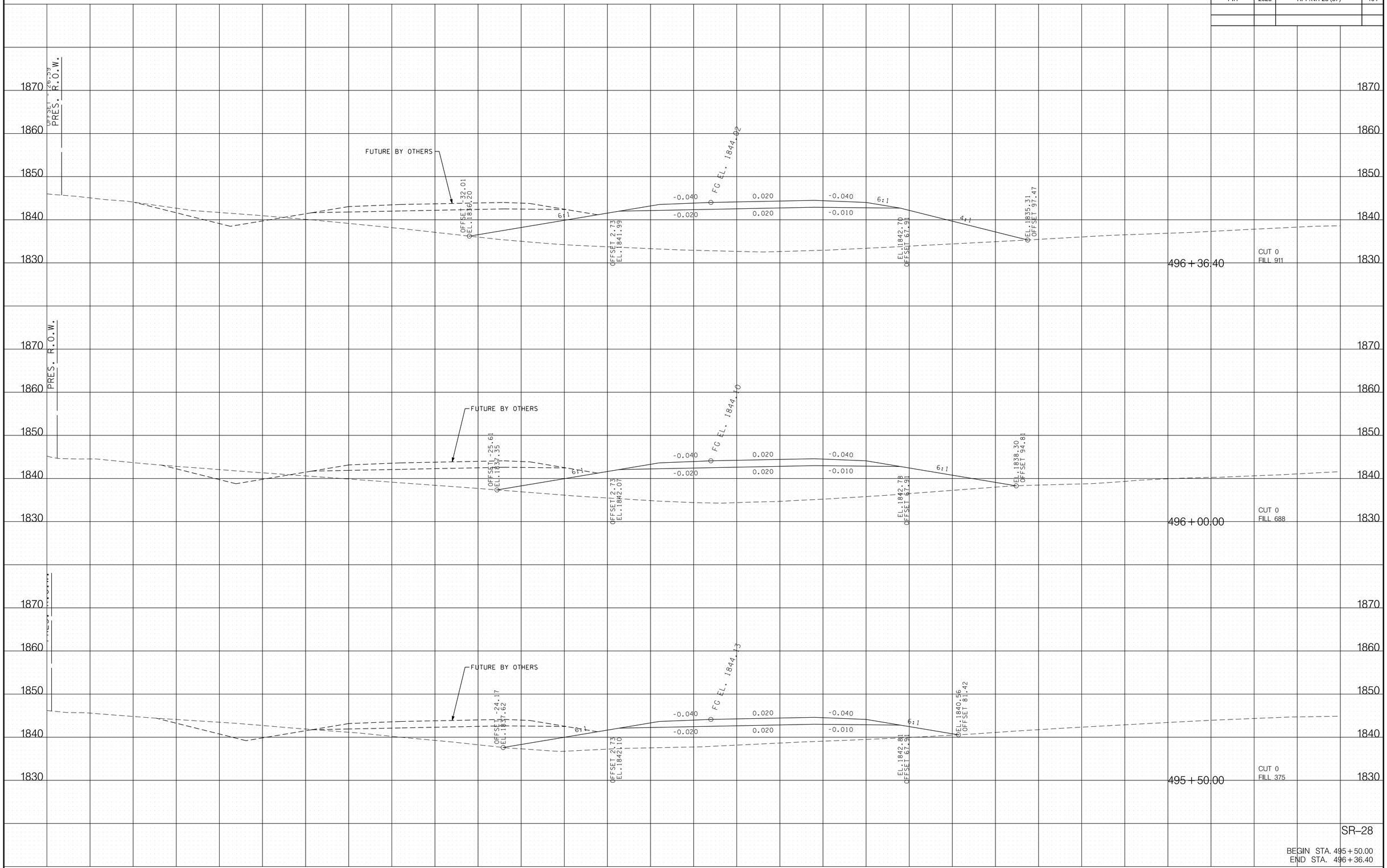


SR–28

BEGIN STA. 494+00.00
END STA. 495+00.00

1/30/2026 2:29:12 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	154
PIH	2025	HPP/NH-28 (37)	104

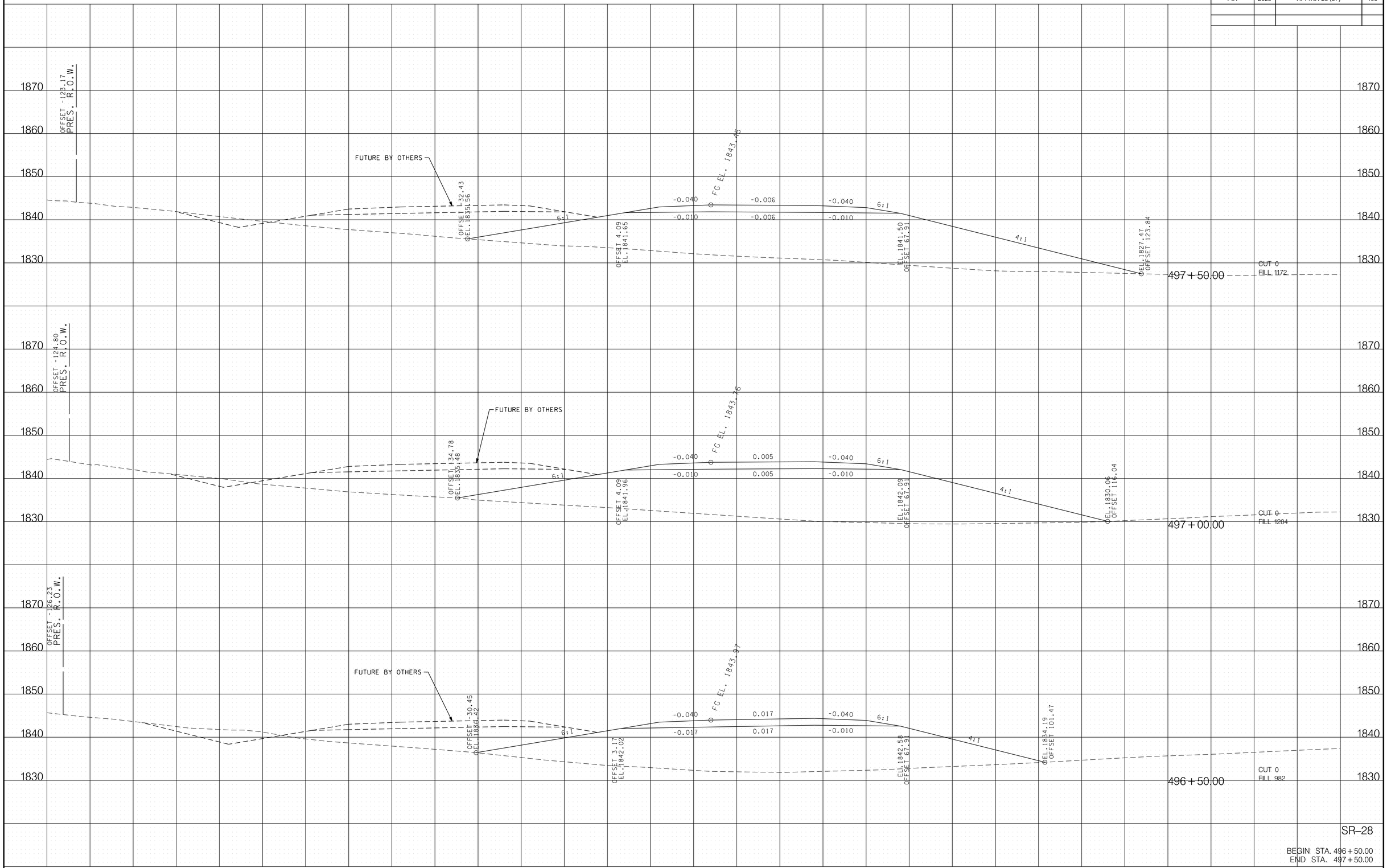


SR–28

BEGIN STA. 495+50.00
END STA. 496+36.40

1/30/2026 2:29:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	155
PIH	2025	HPP/NH-28 (37)	100



SR–28

BEGIN STA. 496+50.00
END STA. 497+50.00

1/30/2026 2:29:18 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	156
PIH	2025	HPP/NH-28 (37)	101

OFFSET -121.13
PRES. R.O.W.

FUTURE BY OTHERS

OFFSET -14.58
EL. 1838.03

6:1

-0.040 -0.010 -0.020 0.020 -0.040 -0.020

FG EL. 1842.94

OFFSET 4.09
EL. 1841.14

6:1

EL. 1840.43
OFFSET 69.27

4:1

EL. 1829.61
OFFSET 112.55

CUT 0
FILL 688

498 + 11.40

OFFSET -121.51
PRES. R.O.W.

FUTURE BY OTHERS

OFFSET 17.30
EL. 1837.68

6:1

-0.040 -0.010 -0.017 -0.017 -0.040 -0.017

FG EL. 1843.04

OFFSET 4.09
EL. 1841.24

6:1

EL. 1840.66
OFFSET 68.90

4:1

EL. 1828.46
OFFSET 117.73

CUT 0
FILL 799

498 + 00.00

SR–28

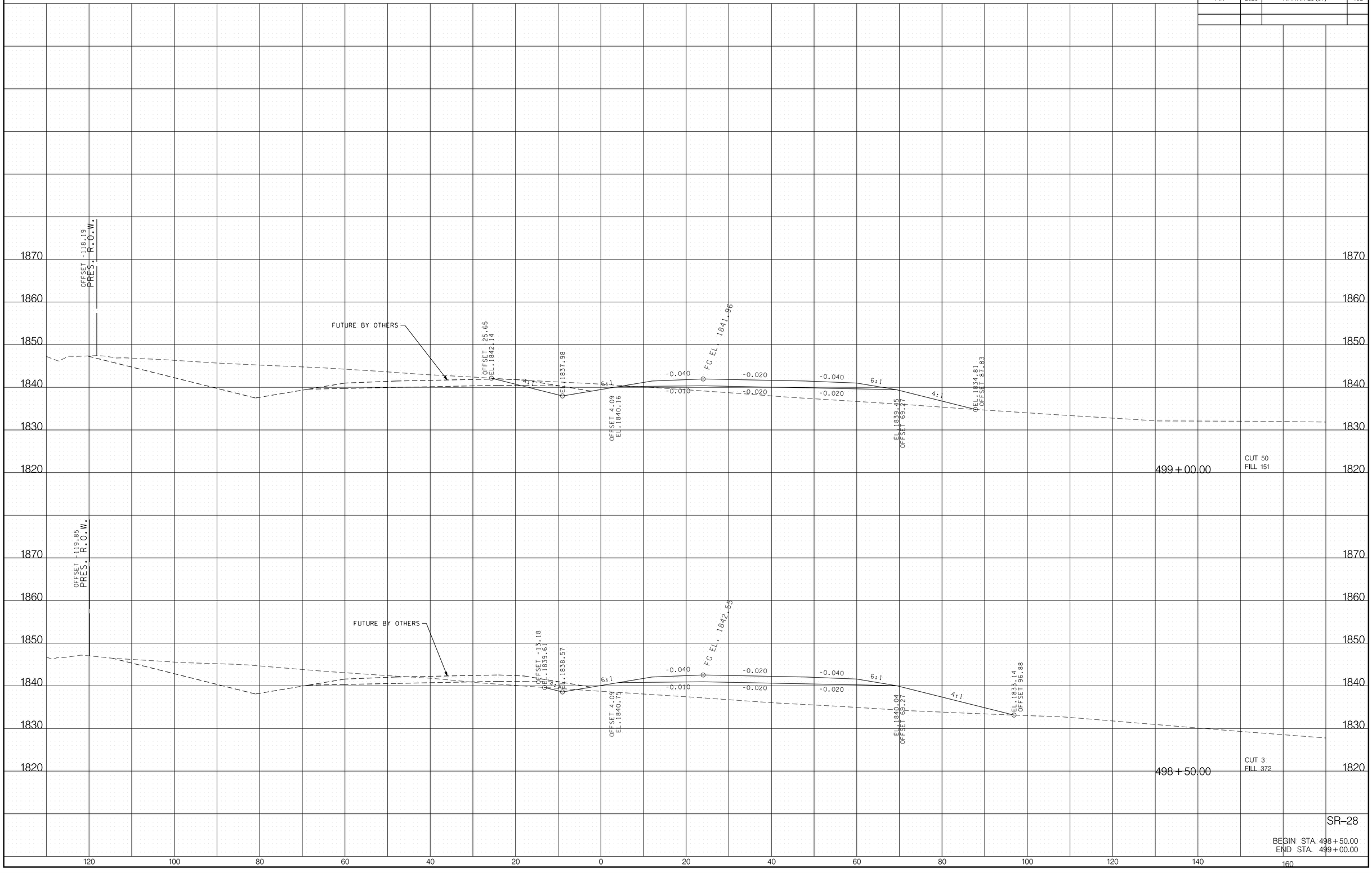
BEGIN STA. 498 + 00.00
END STA. 498 + 11.40

1870 1860 1850 1840 1830

120 100 80 60 40 20 0 20 40 60 80 100 120 140 160

1/30/2026 2:29:20 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	157
PIH	2025	HPP/NH-28 (37)	102

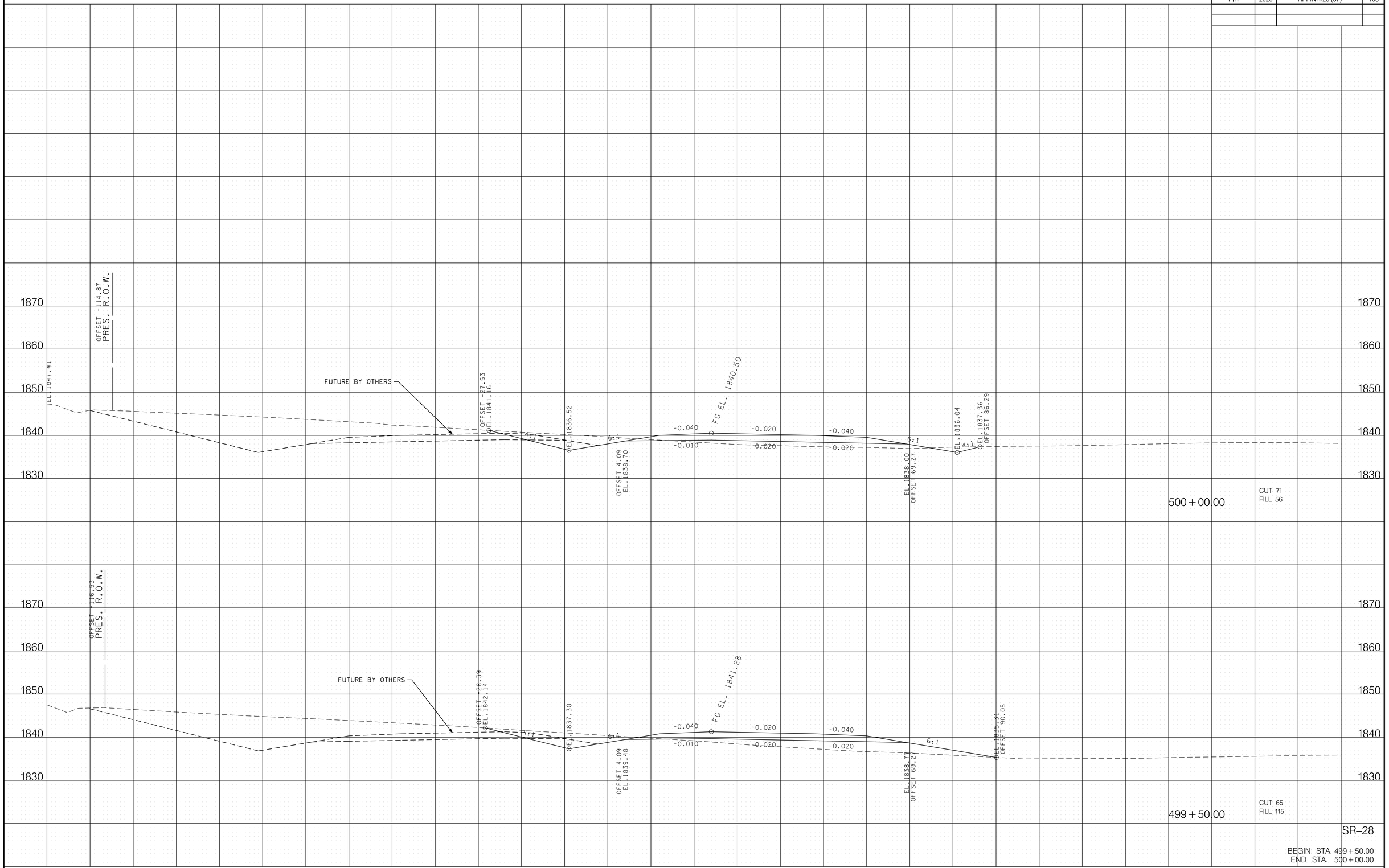


SR-28

BEGIN STA. 498+50.00
END STA. 499+00.00

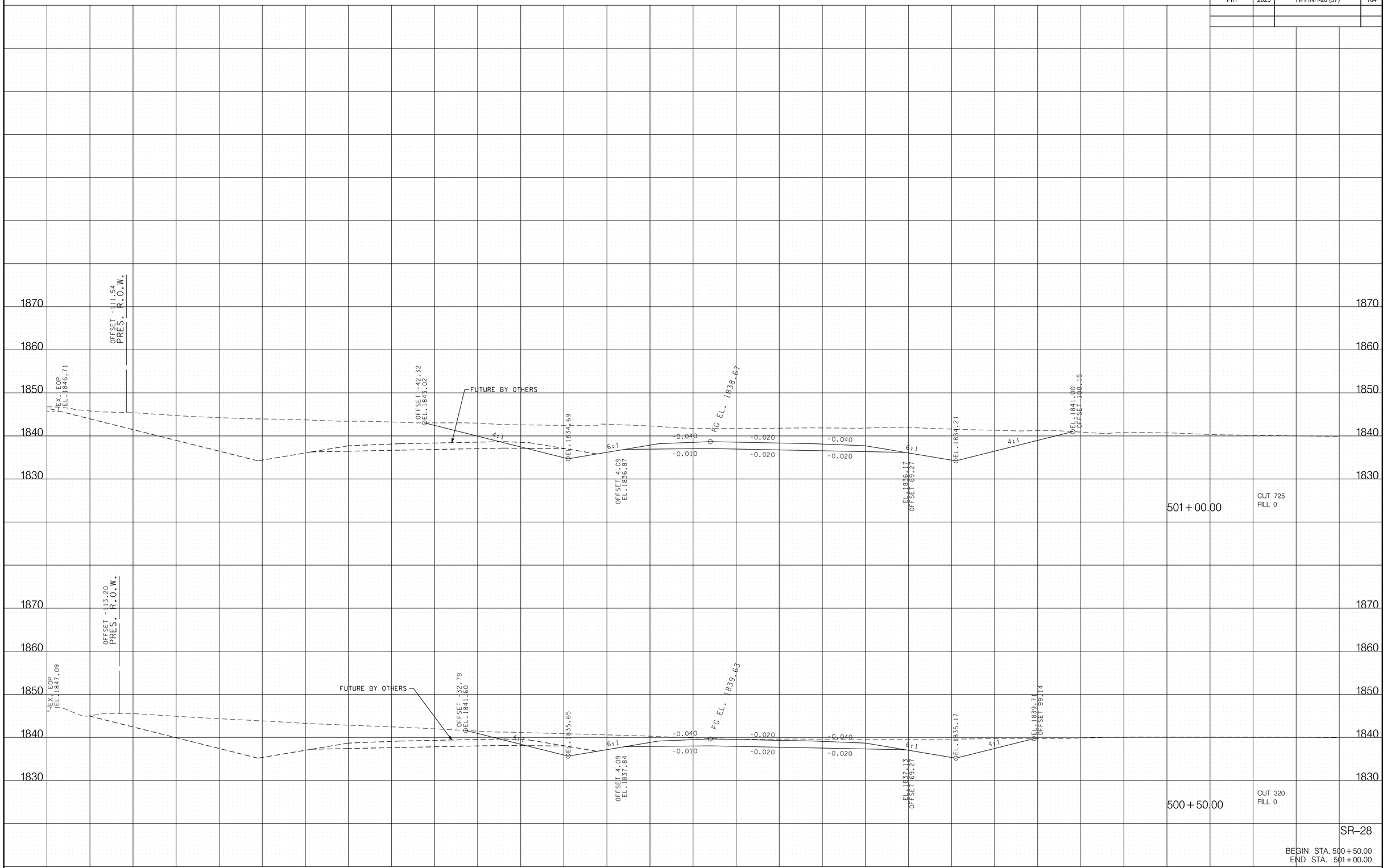
1/30/2026 2:29:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	158
PIH	2025	HPP/NH-28 (37)	103



1/30/2026 2:29:26 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	159
PIH	2025	HPP/NH-28 (37)	104

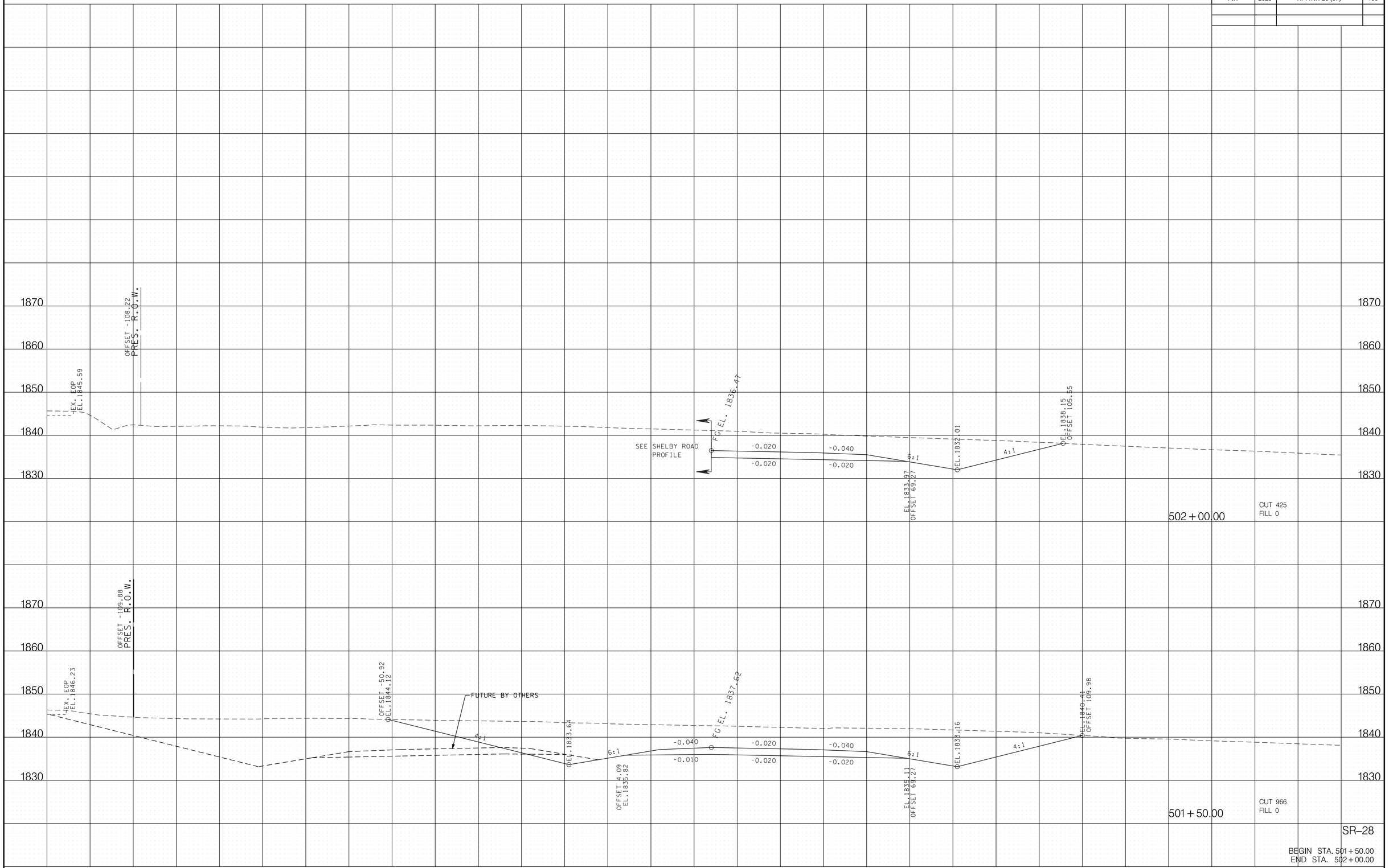


SR–28

BEGIN STA. 500+50.00
END STA. 501+00.00

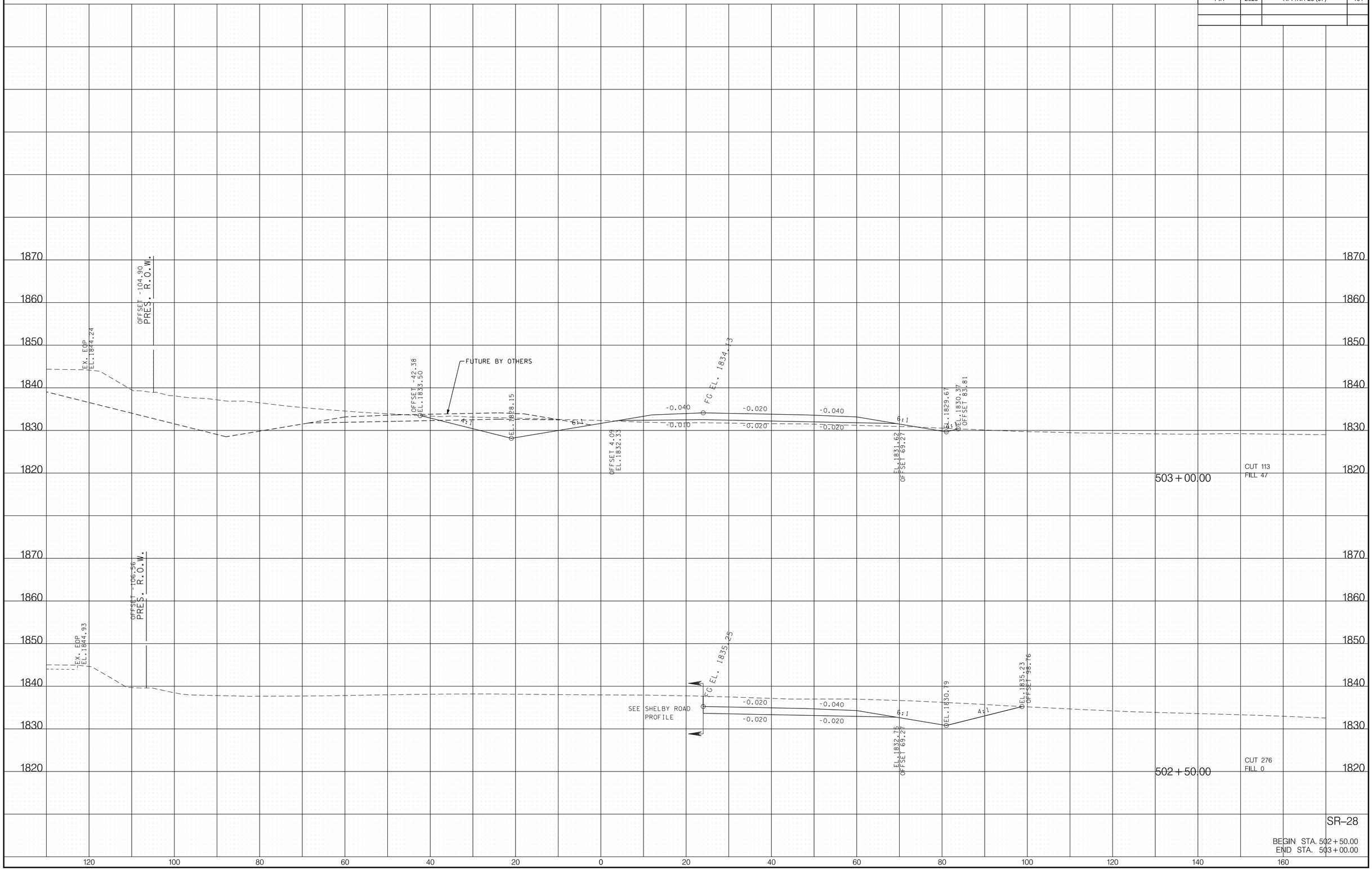
1/30/2026 2:29:29 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	160
PIH	2025	HPP/NH-28 (37)	100



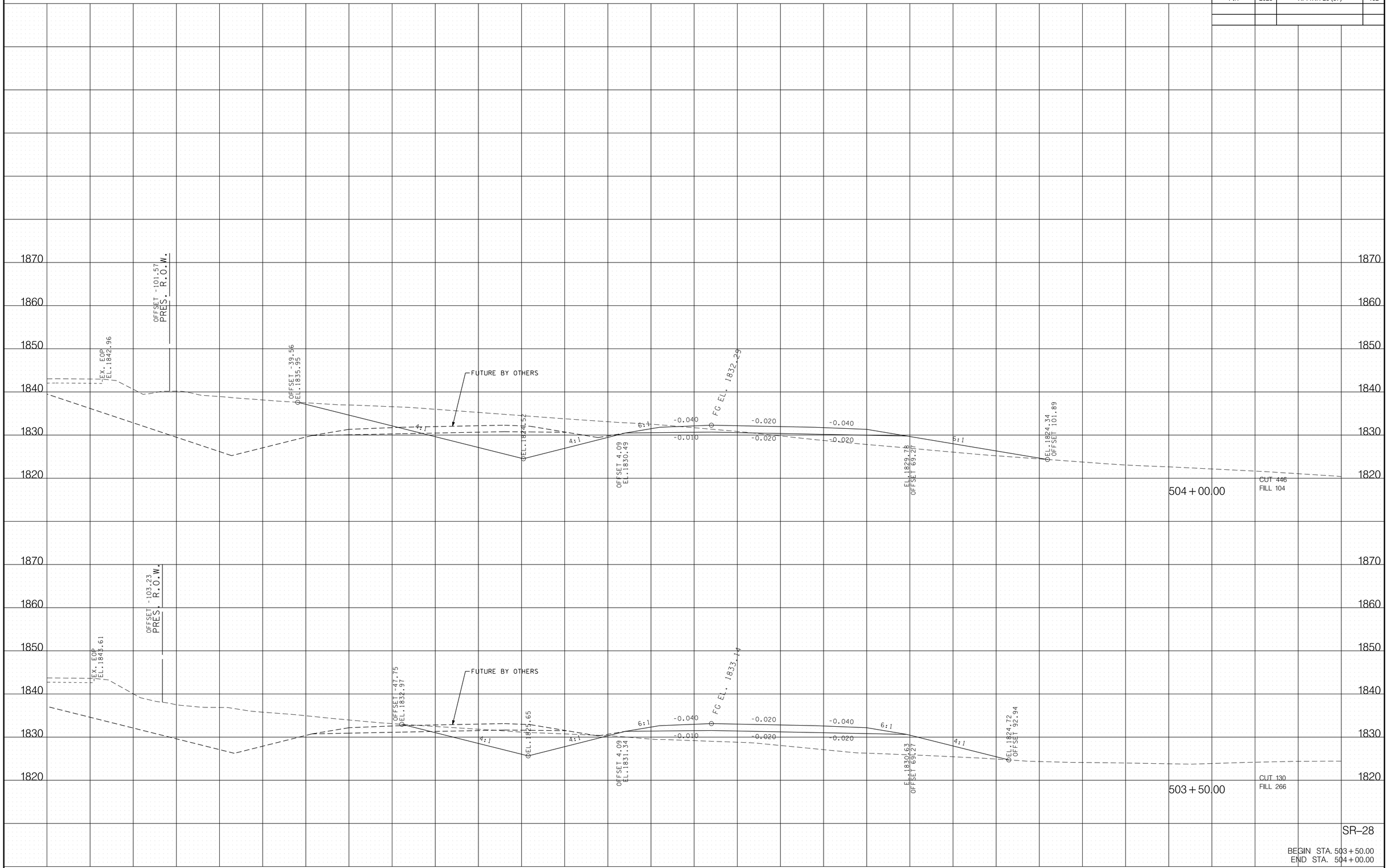
1/30/2026 2:29:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	161
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:29:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	162
PIH	2025	HPP/NH-28 (37)	102

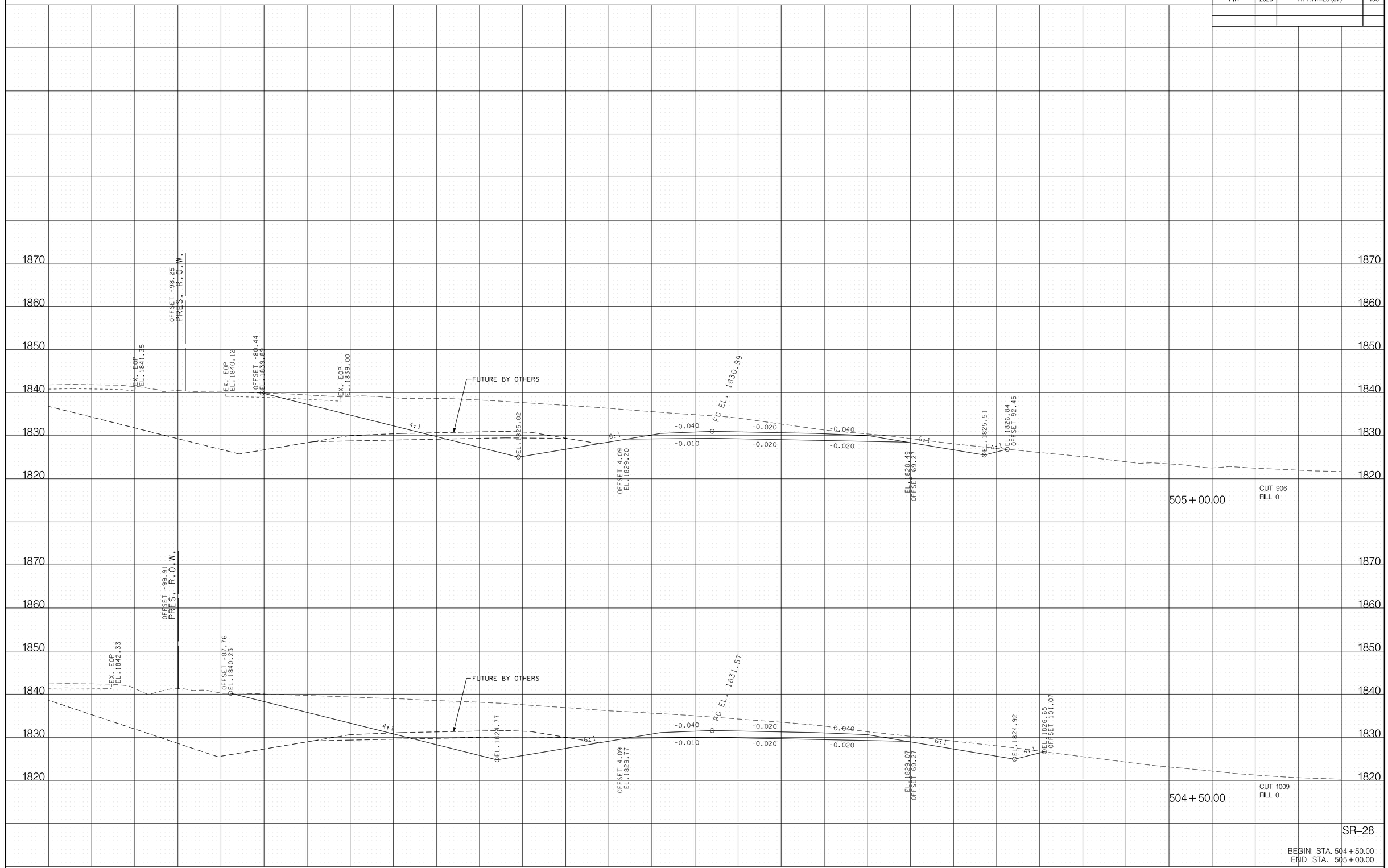


SR–28

BEGIN STA. 503+50.00
END STA. 504+00.00

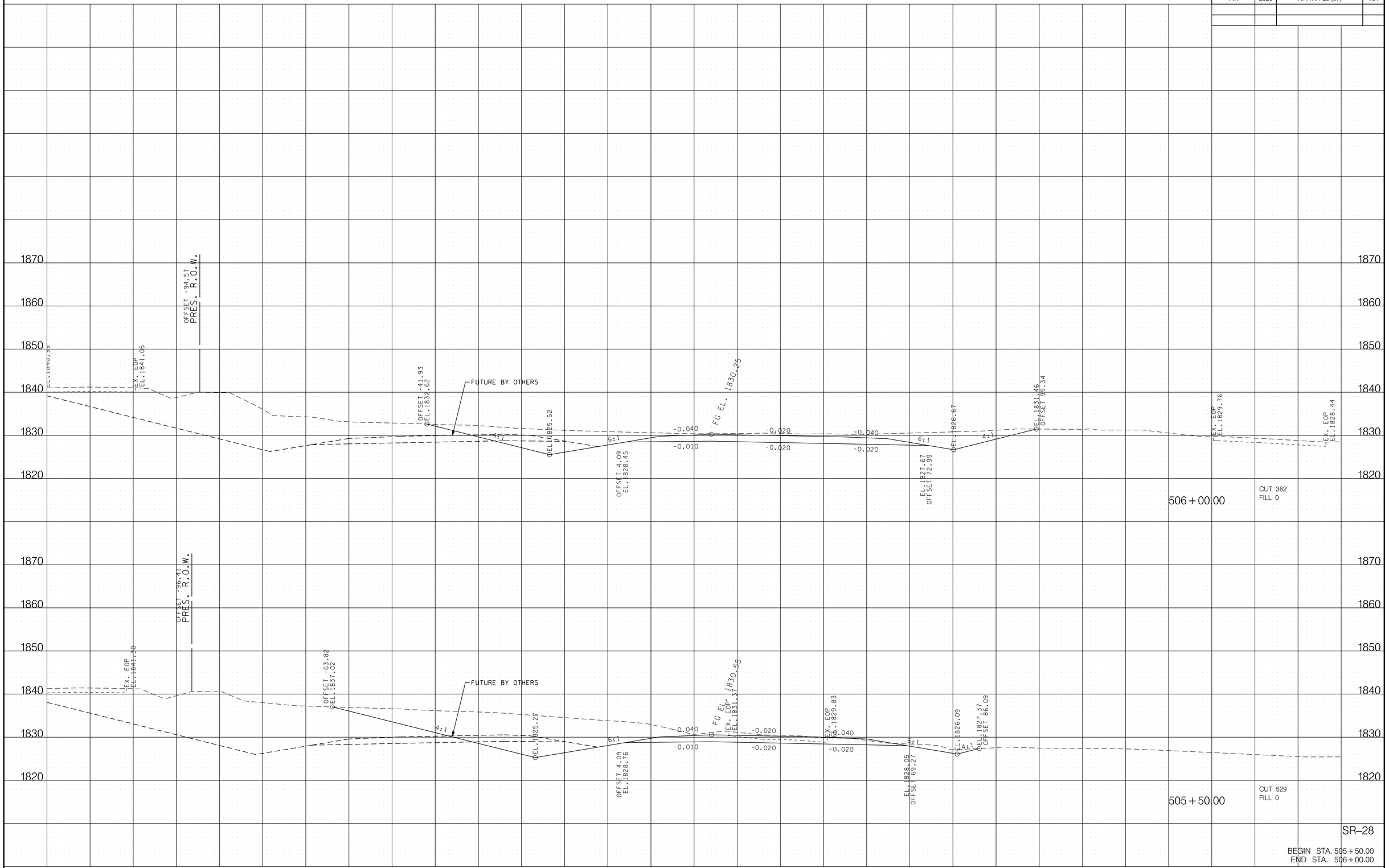
1/30/2026 2:29:38 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	163
PIH	2025	HPP/NH-28 (37)	103



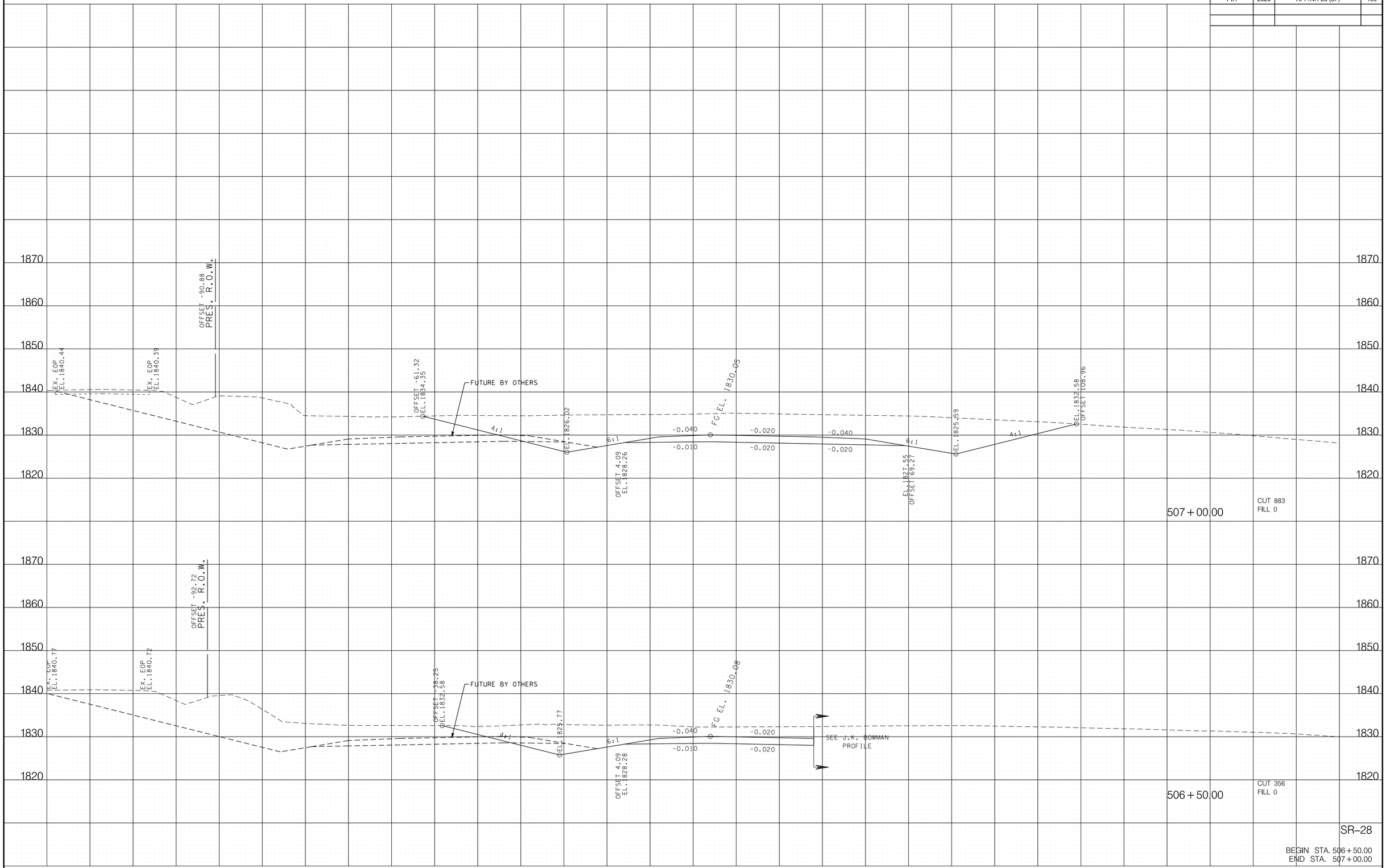
1/30/2026 2:29:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	164
PIH	2025	HPP/NH-28 (37)	104



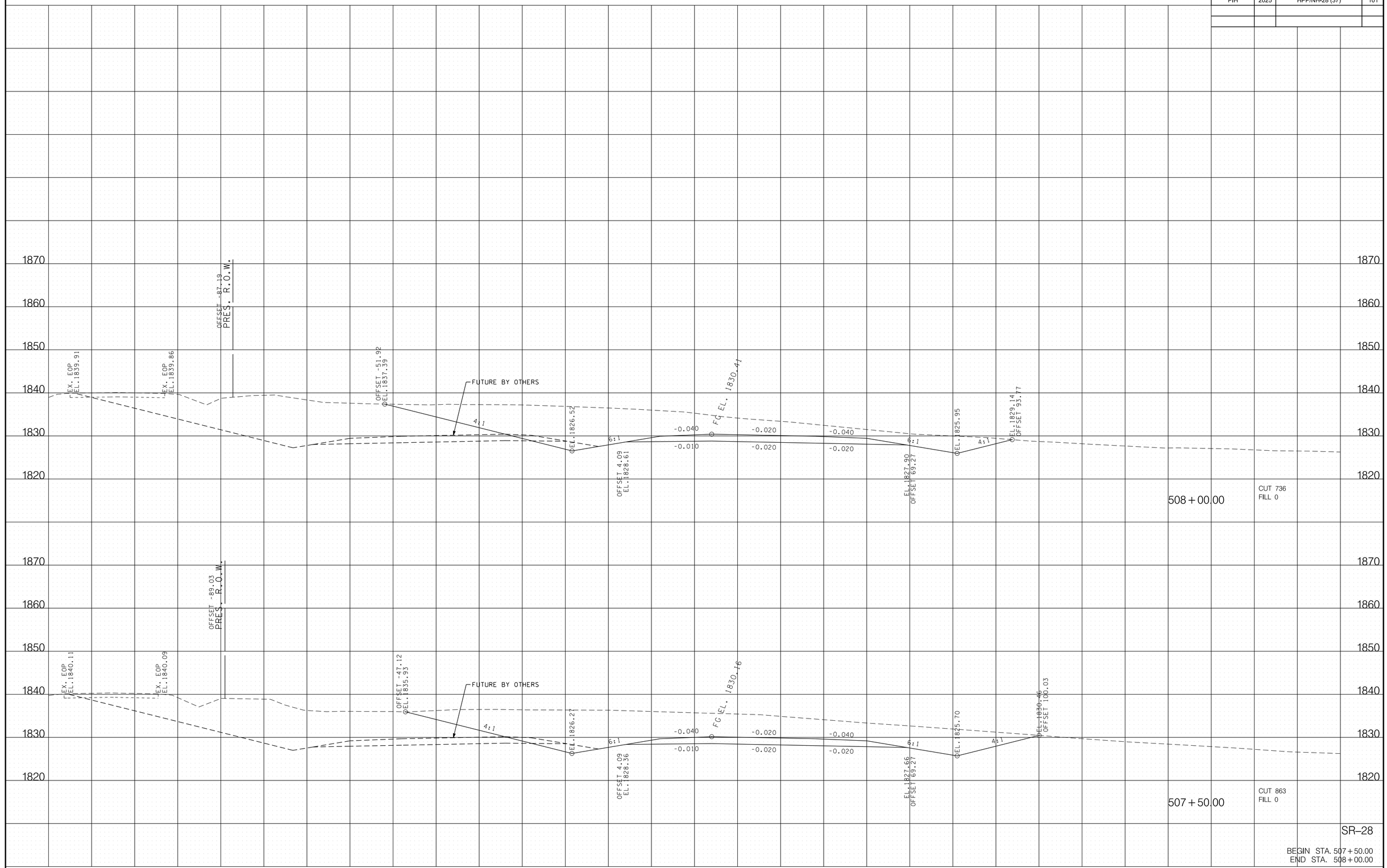
1/30/2026 2:29:44 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	165
PIH	2025	HPP/NH-28 (37)	100



1/30/2026 2:29:47 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	166
PIH	2025	HPP/NH-28 (37)	101

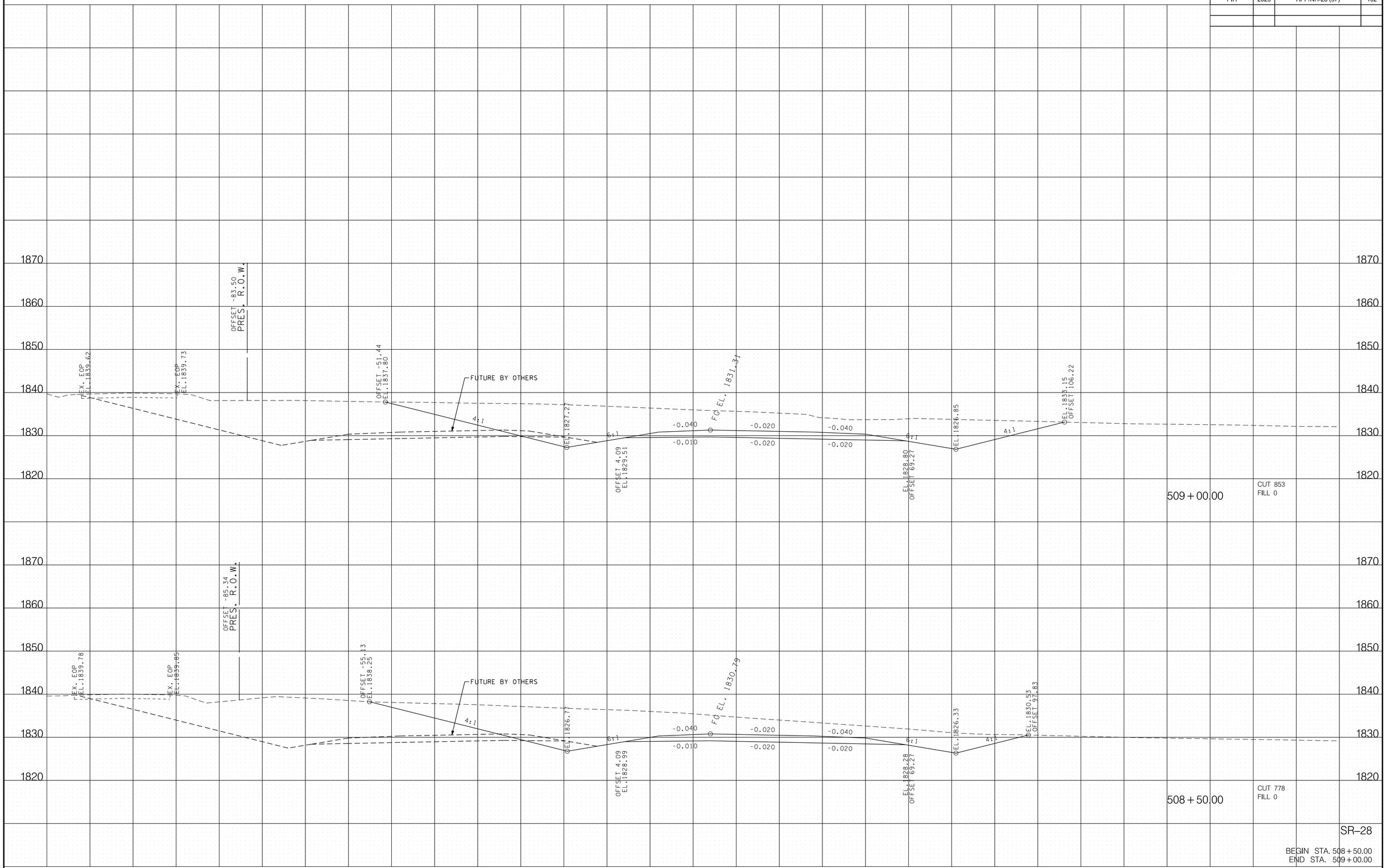


SR-28

BEGIN STA. 507 + 50.00
END STA. 508 + 00.00

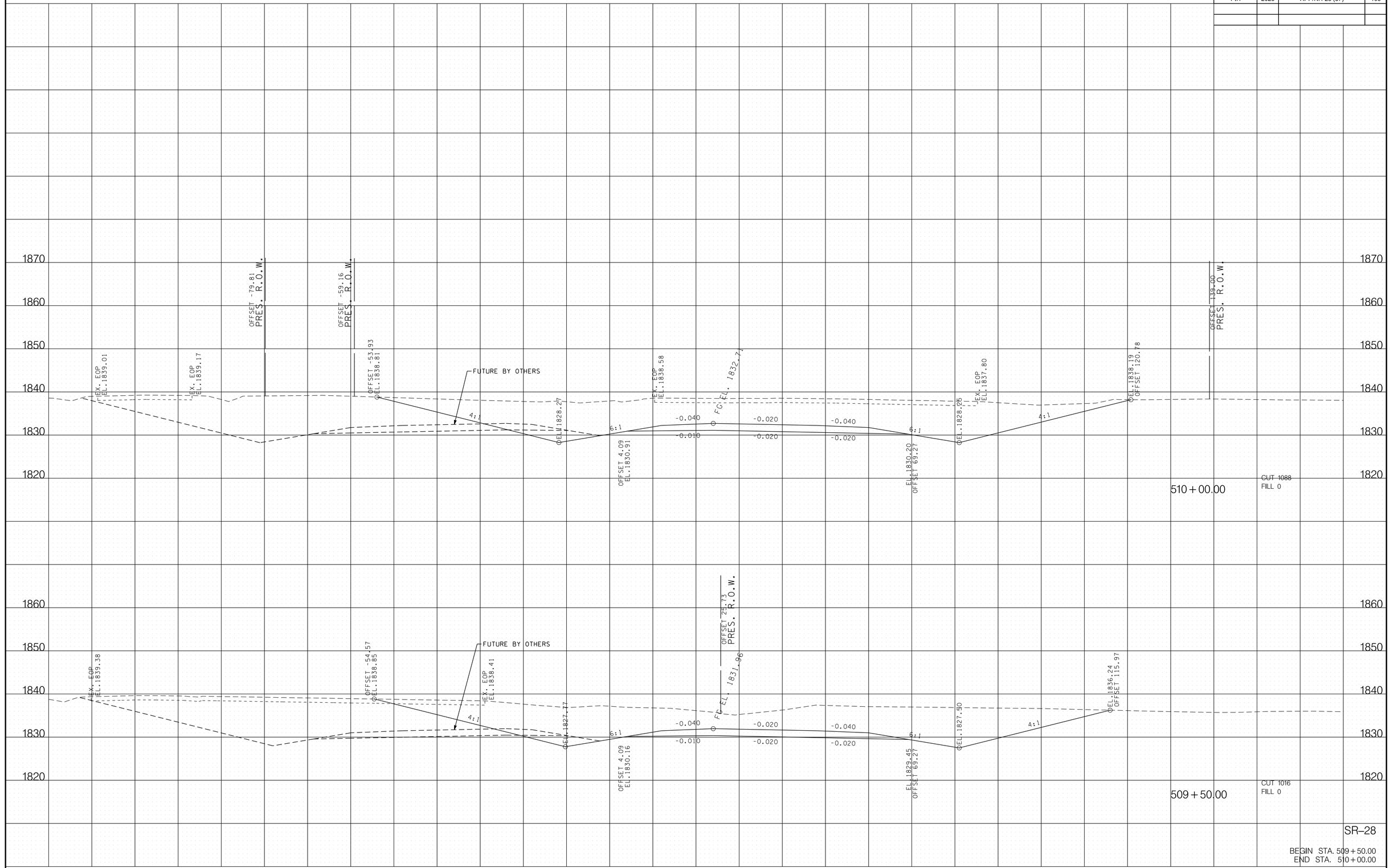
1/30/2026 2:29:49 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	167
PIH	2025	HPP/NH-28 (37)	102



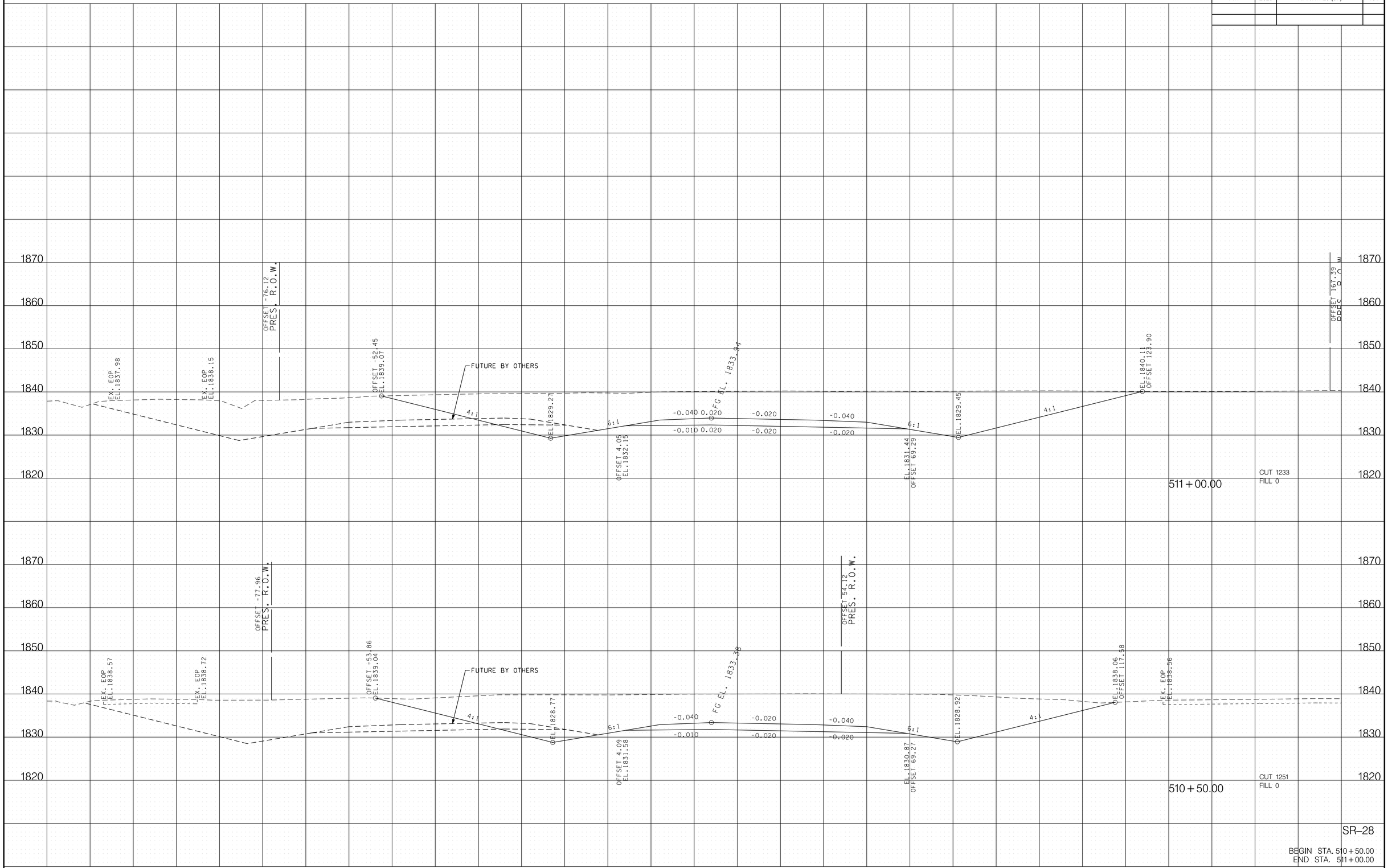
1/30/2026 2:29:52 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	168
PIH	2025	HPP/NH-28 (37)	103



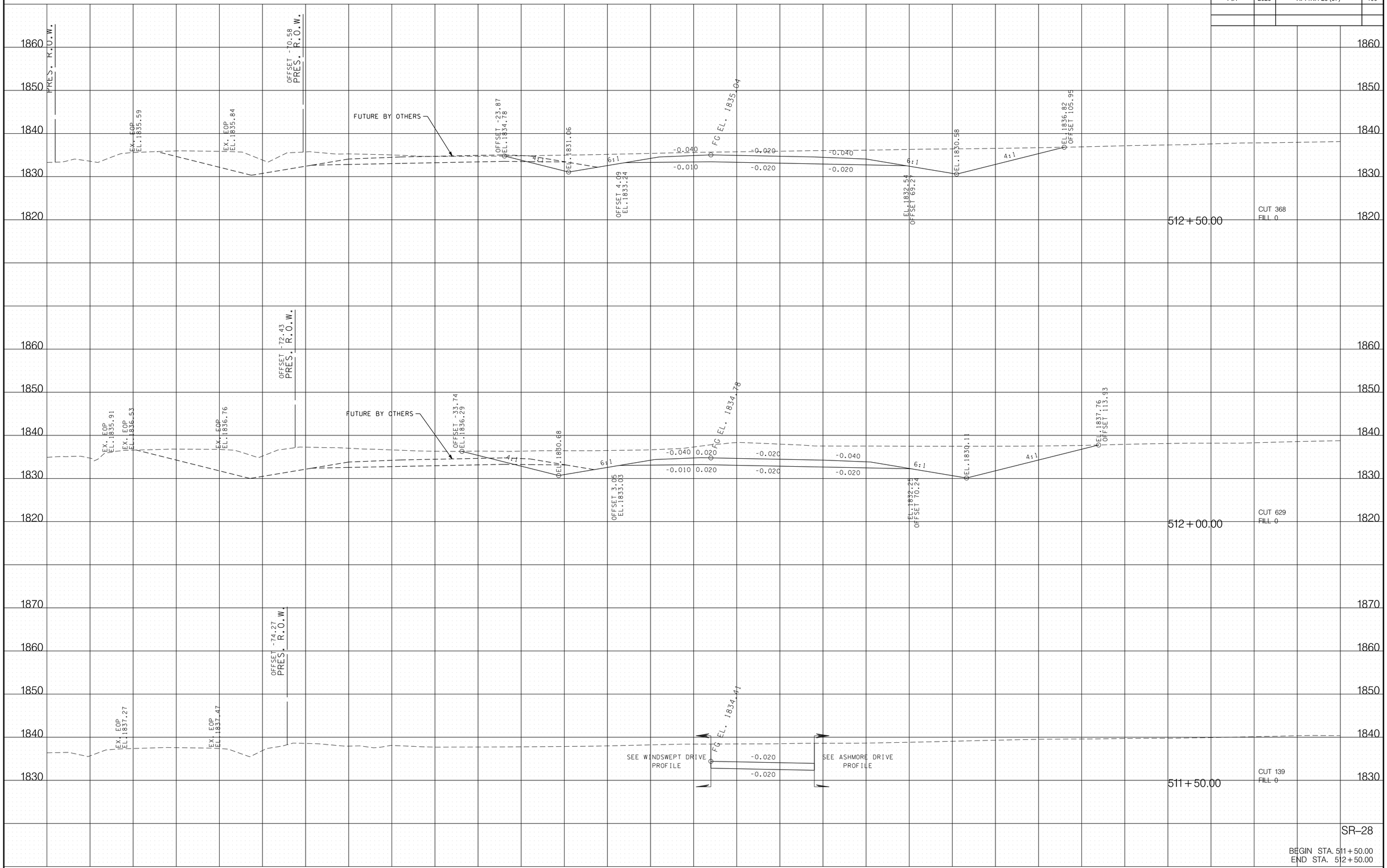
1/30/2026 2:29:55 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	169
PIH	2025	HPP/NH-28 (37)	104



1/30/2026 2:29:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	170
PIH	2025	HPP/NH-28 (37)	100

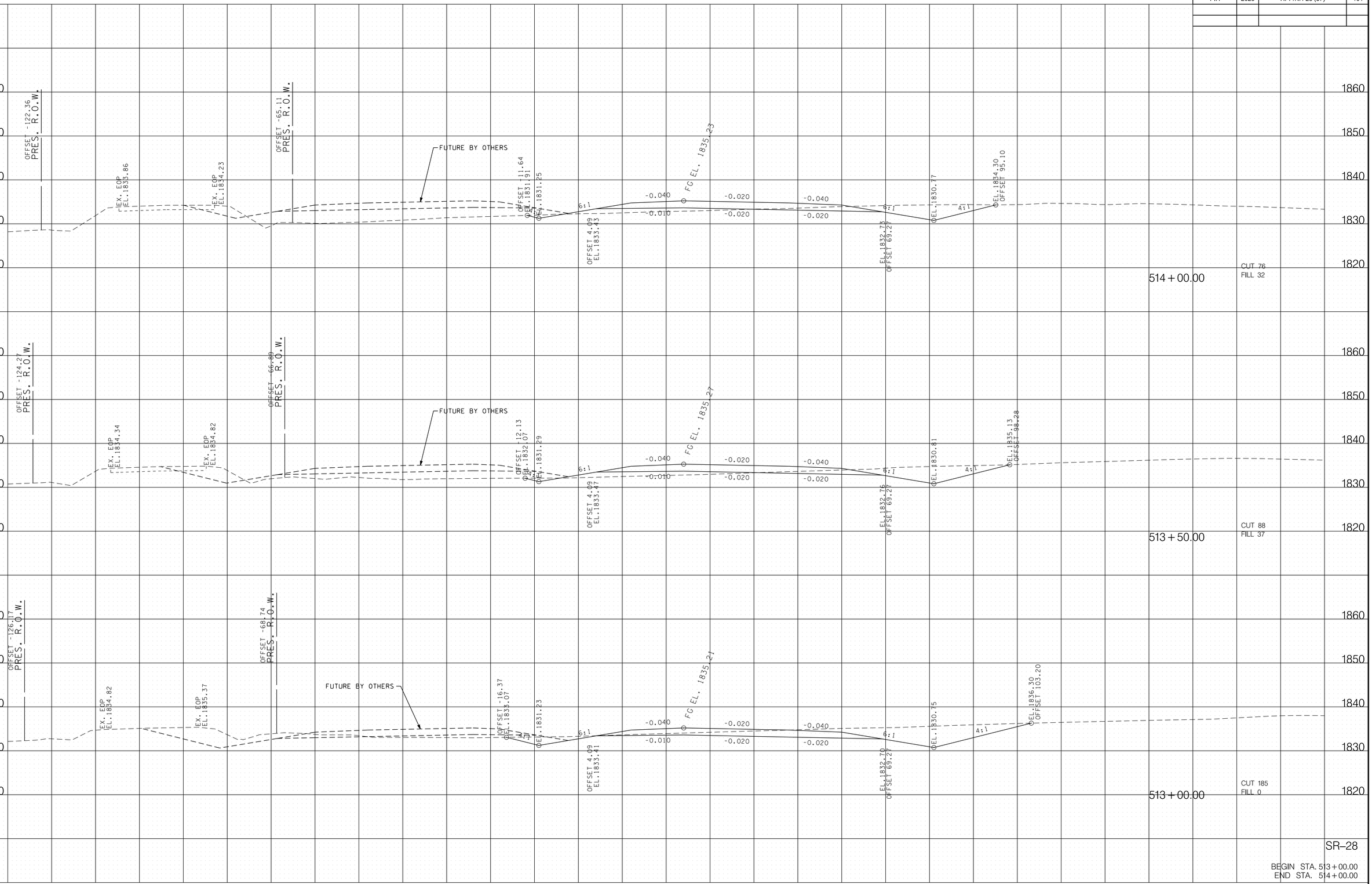


SR–28

BEGIN STA. 511+50.00
END STA. 512+50.00

1/30/2026 2:30:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	171
PIH	2025	HPP/NH-28 (37)	101



SR–28

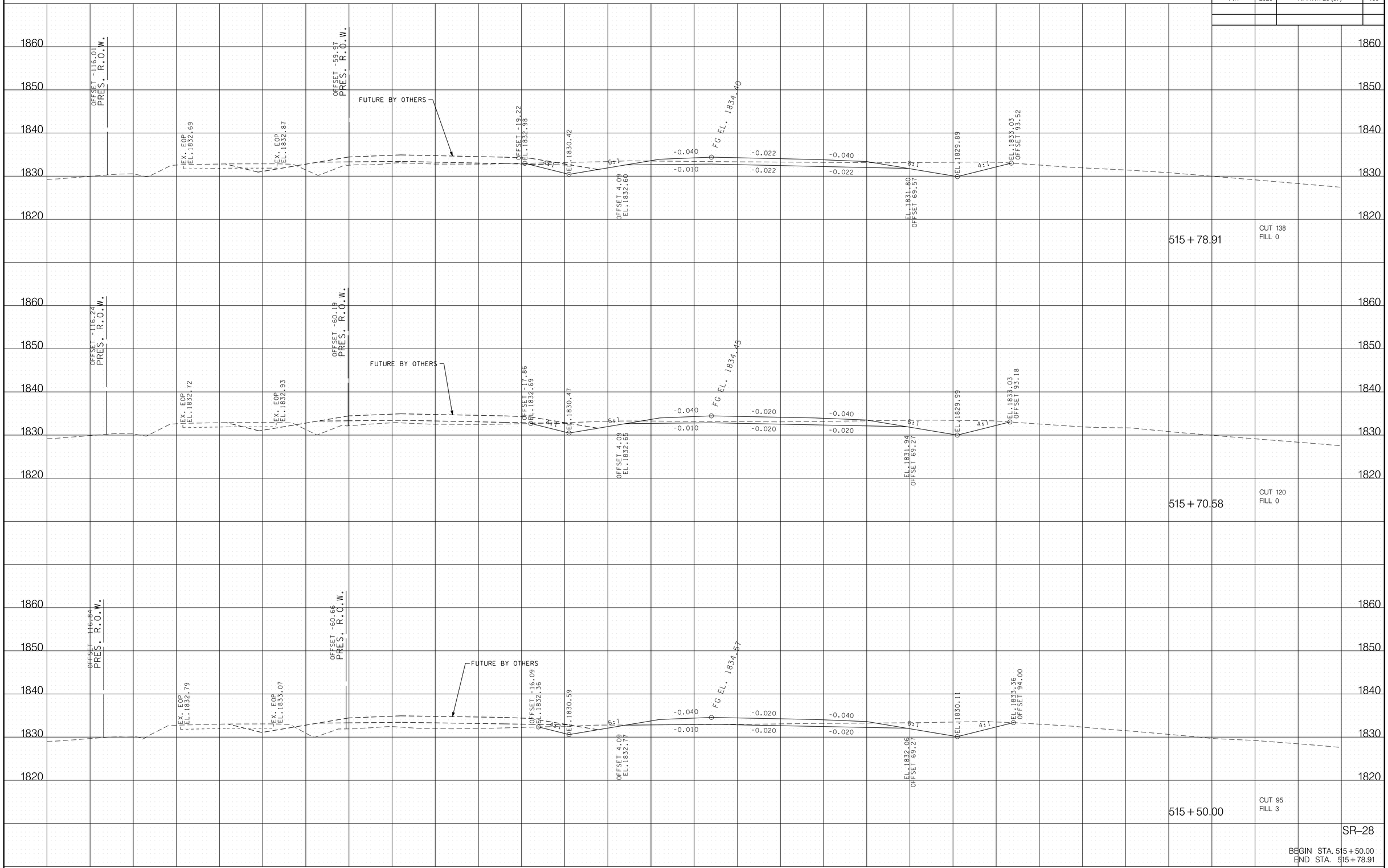
BEGIN STA. 513+00.00
END STA. 514+00.00

1/30/2026 2:30:03 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	172
PIH	2025	HPP/NH-28 (37)	102

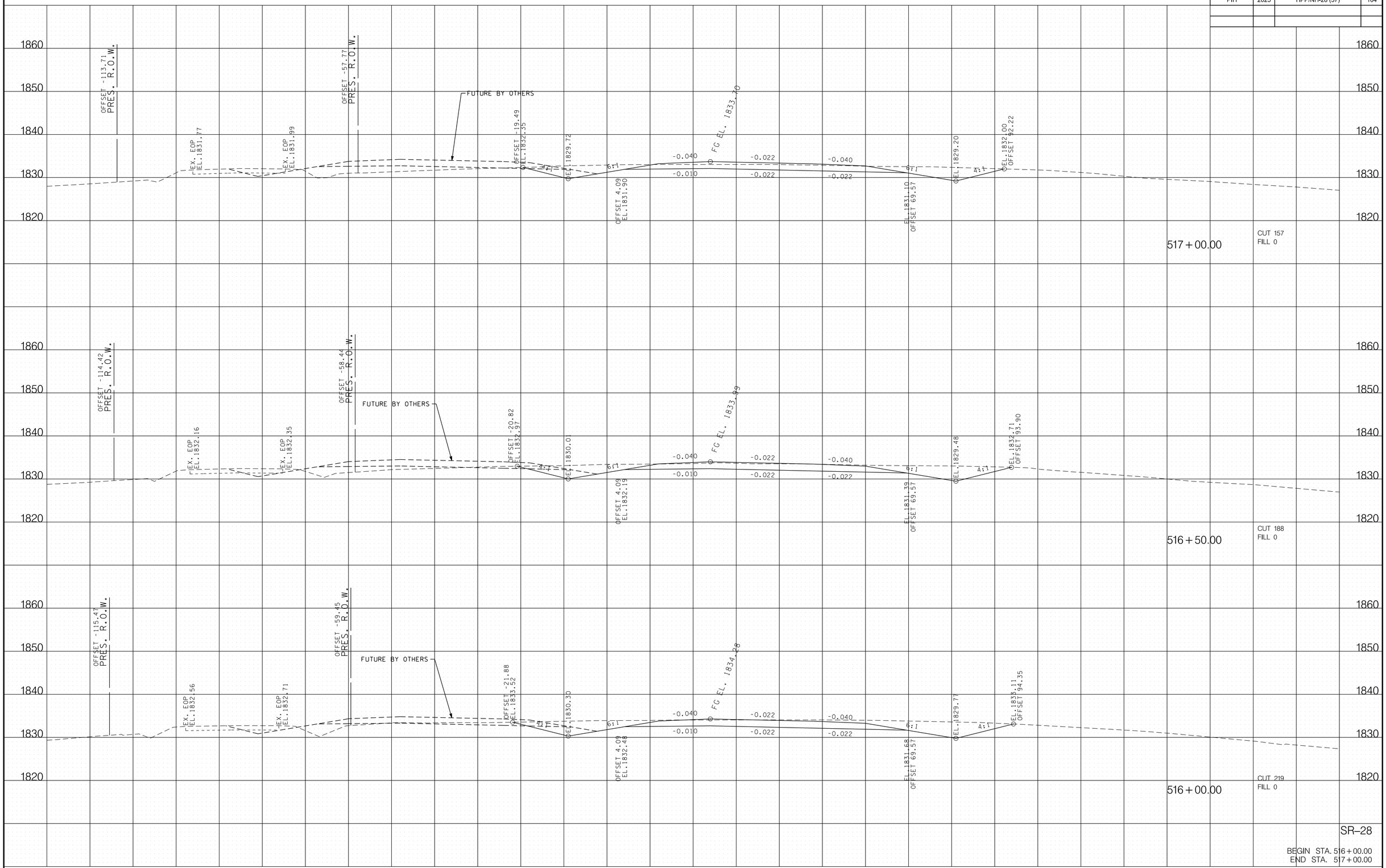
1/30/2026 2:30:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	173
PIH	2025	HPP/NH-28 (37)	103



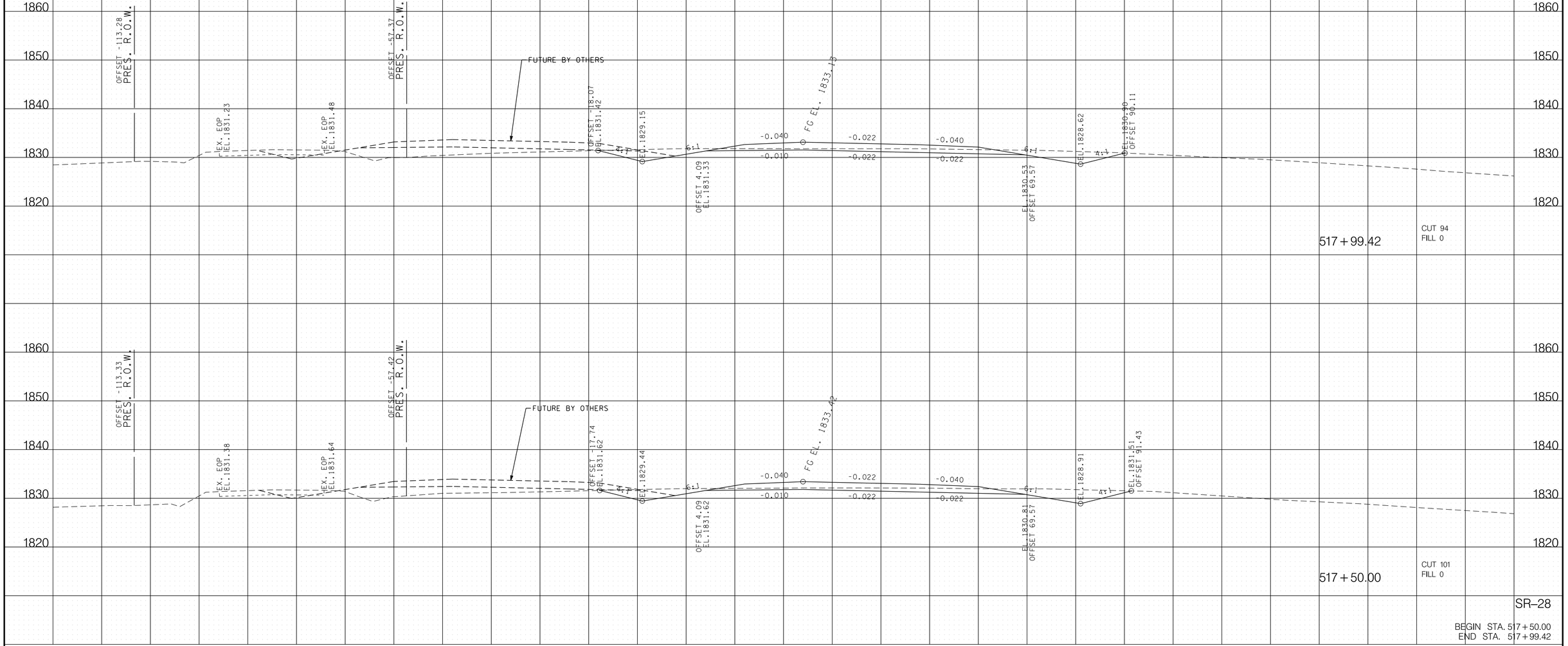
1/30/2026 2:30:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	174
PIH	2025	HPP/NH-28 (37)	104



1/30/2026 2:30:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	175
PIH	2025	HPP/NH-28 (37)	100

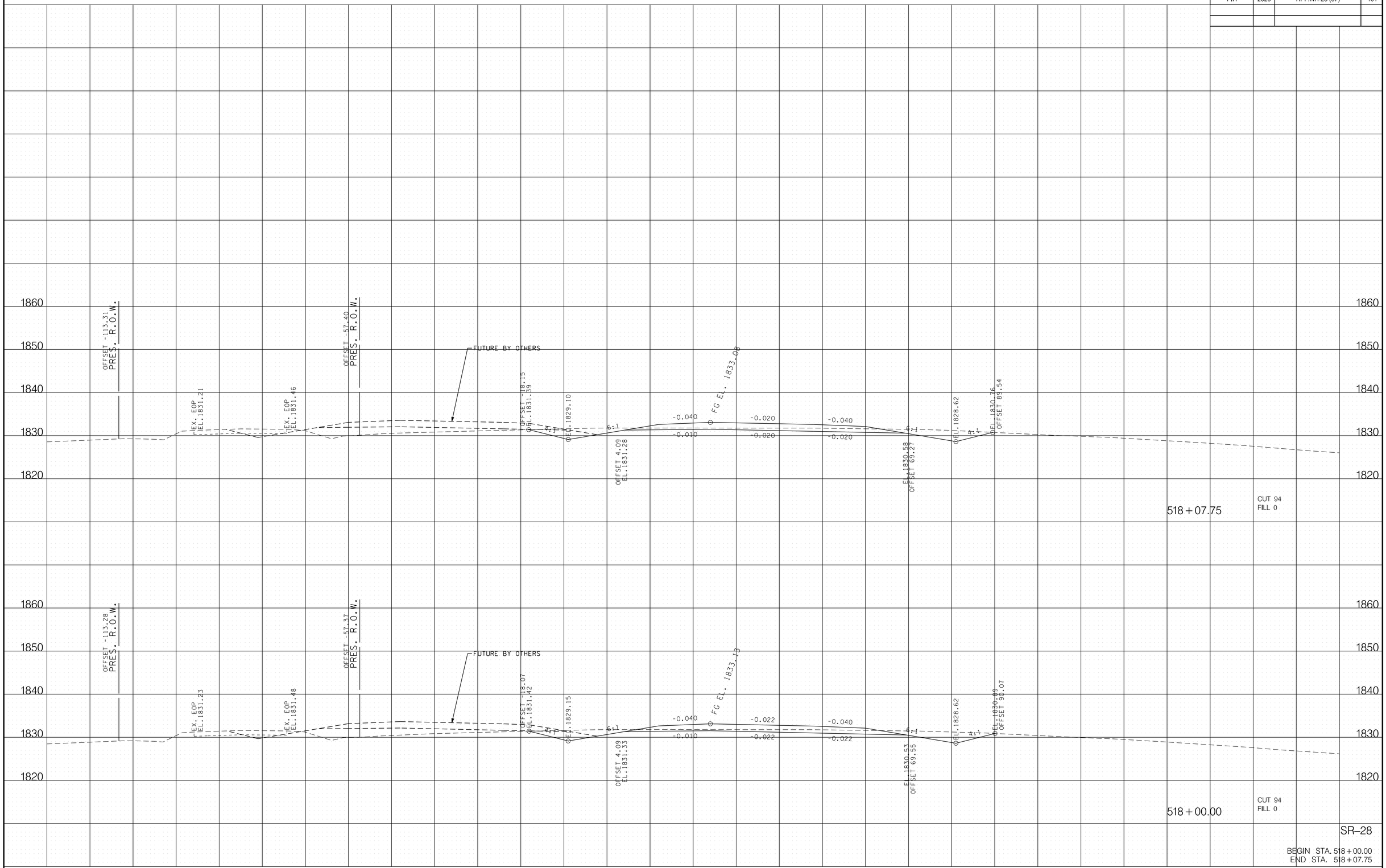


SR–28

BEGIN STA. 517+50.00
END STA. 517+99.42

1/30/2026 2:30:14 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	176
PIH	2025	HPP/NH-28 (37)	101

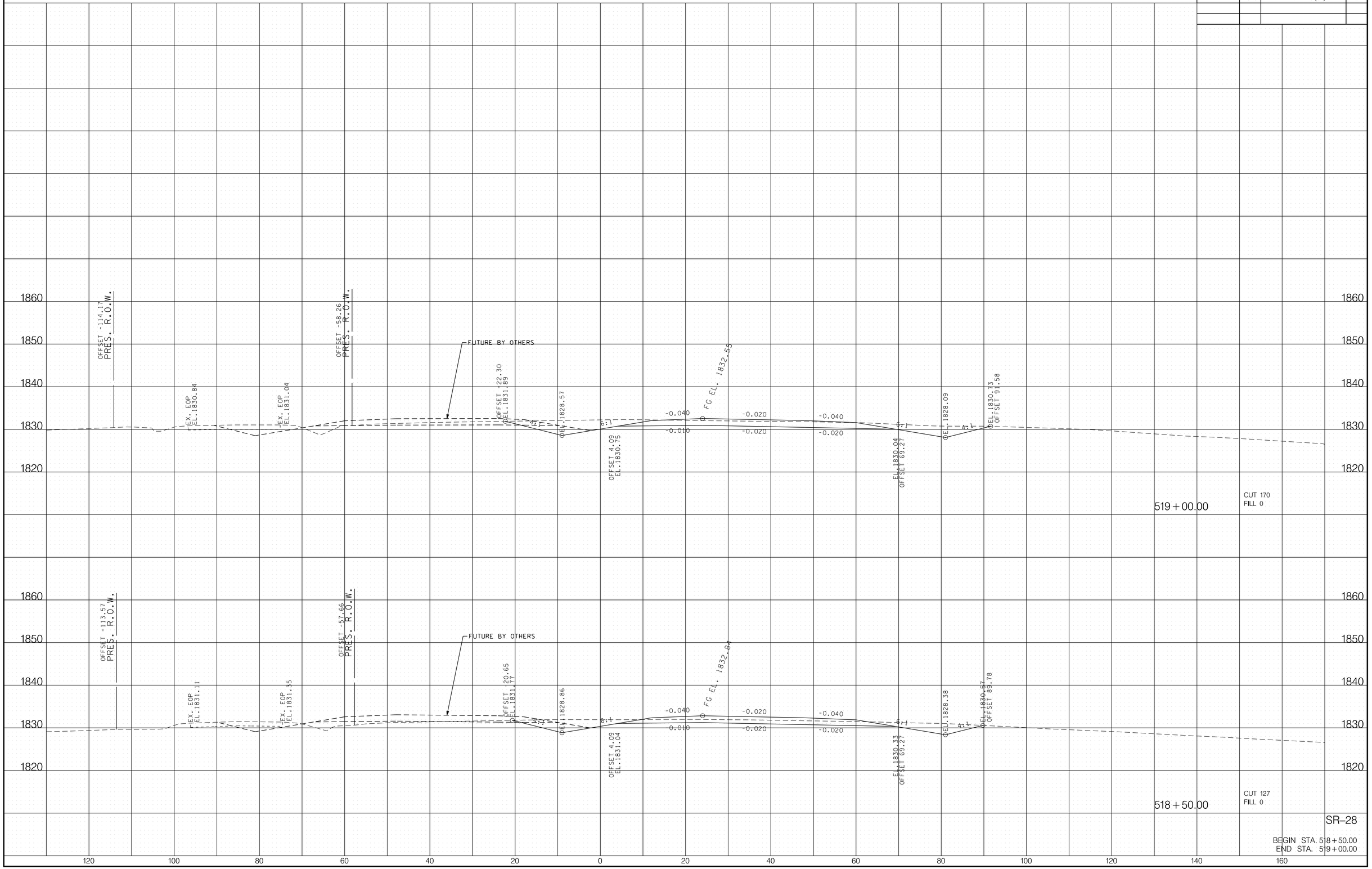


SR–28

BEGIN STA. 518 + 00.00
END STA. 518 + 07.75

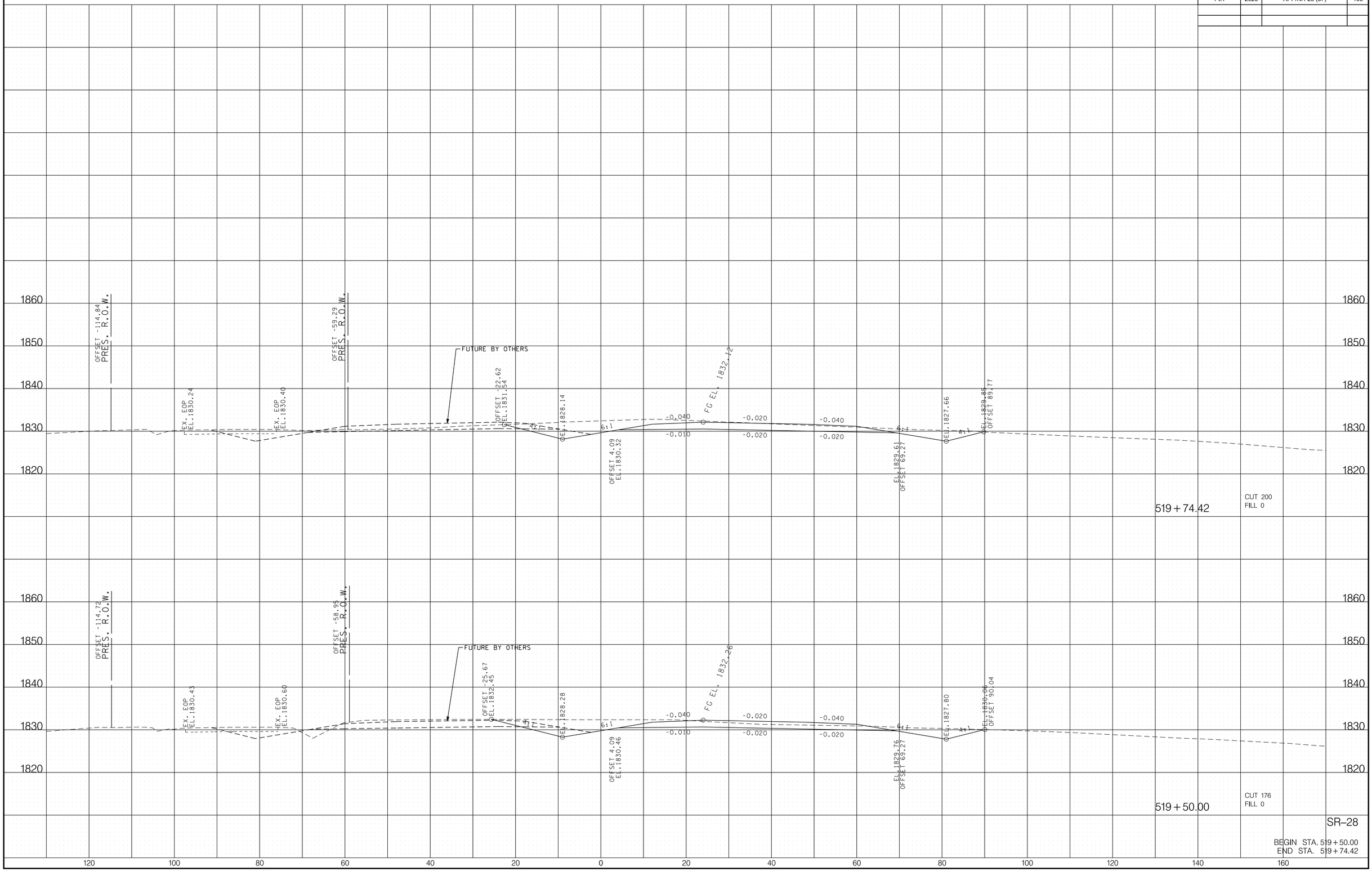
1/30/2026 2:30:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	177
PIH	2025	HPP/NH-28 (37)	102



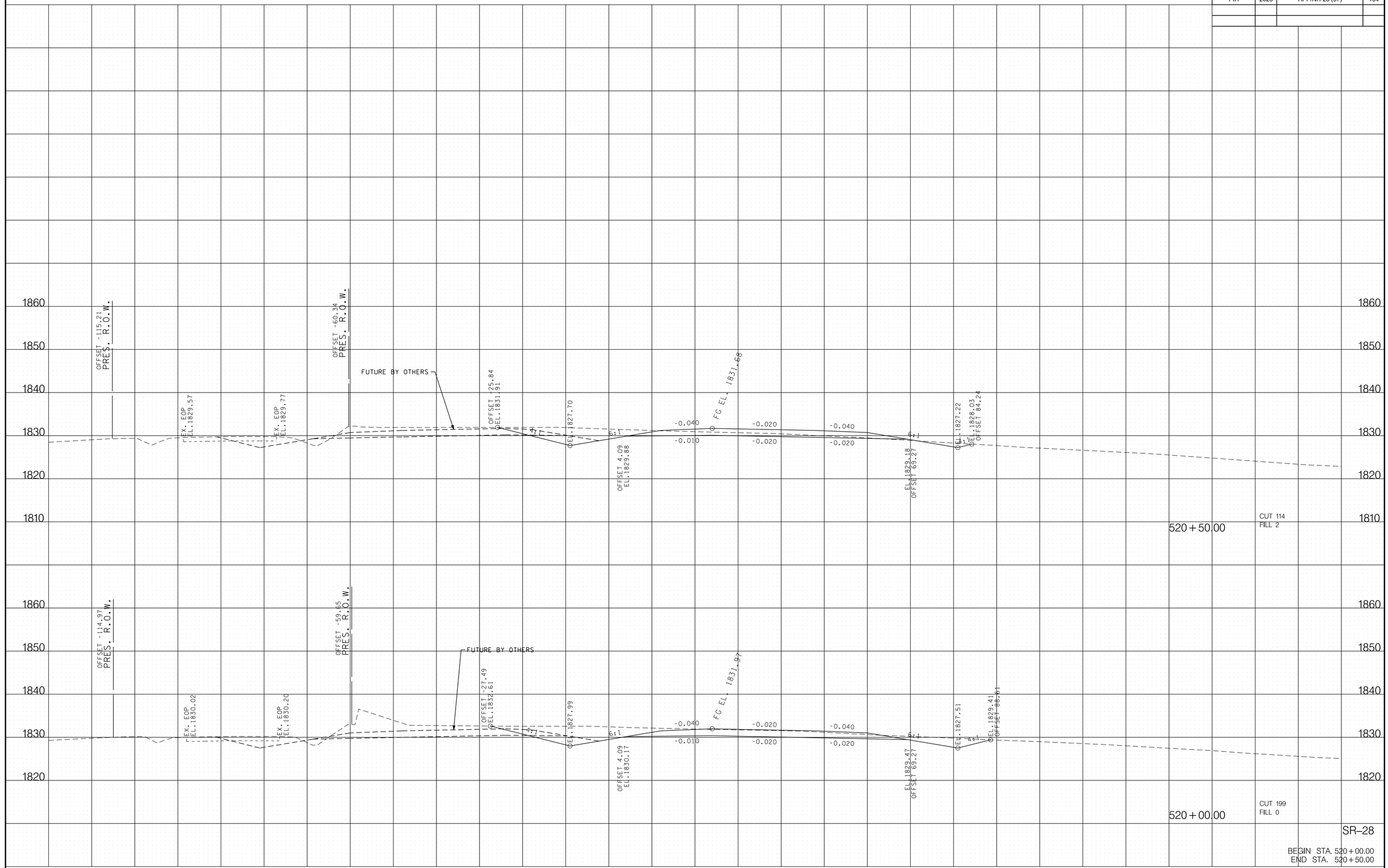
1/30/2026 2:30:20 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	178
PIH	2025	HPP/NH-28 (37)	103



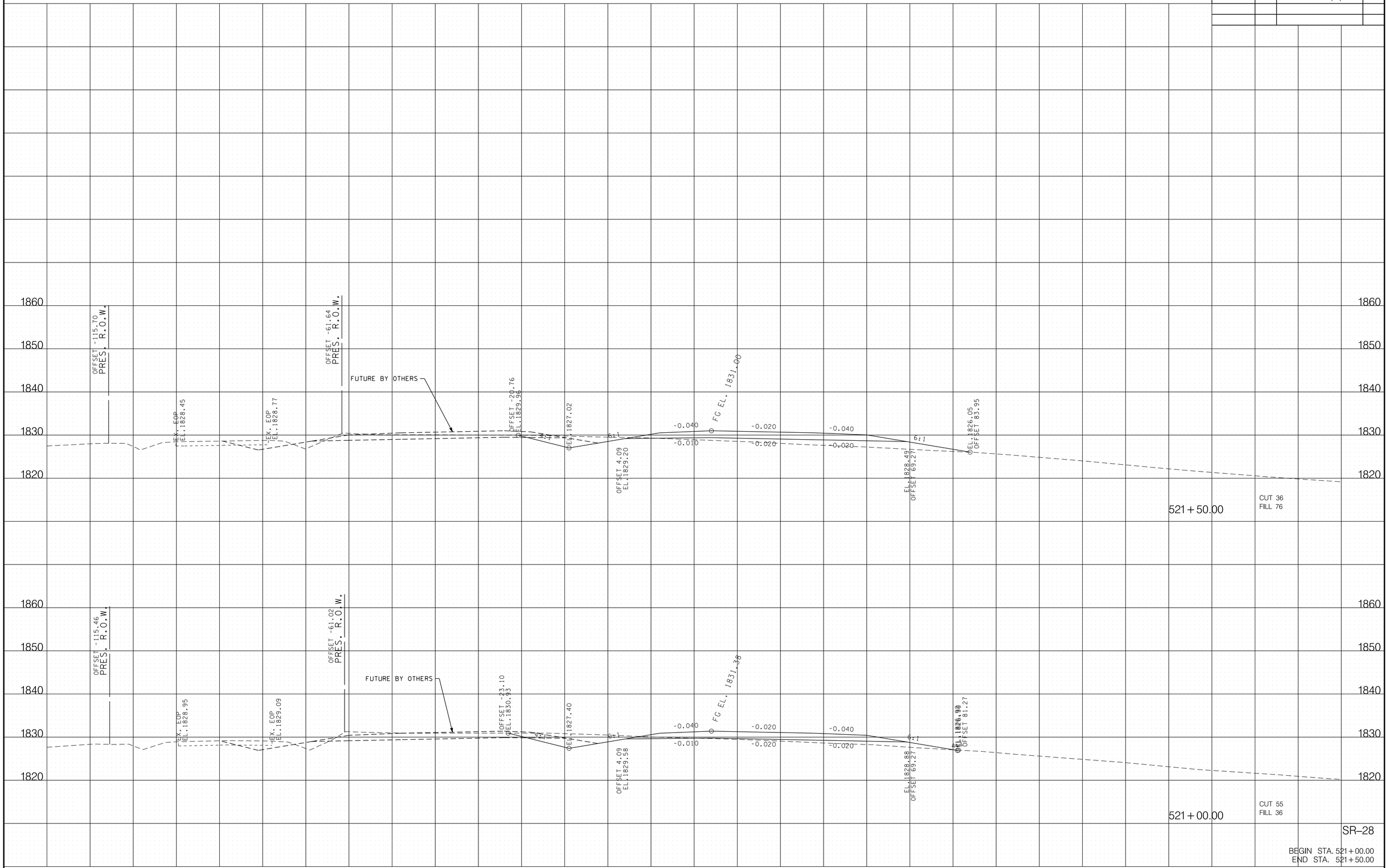
1/30/2026 2:30:22 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	179
PIH	2025	HPP/NH-28 (37)	104



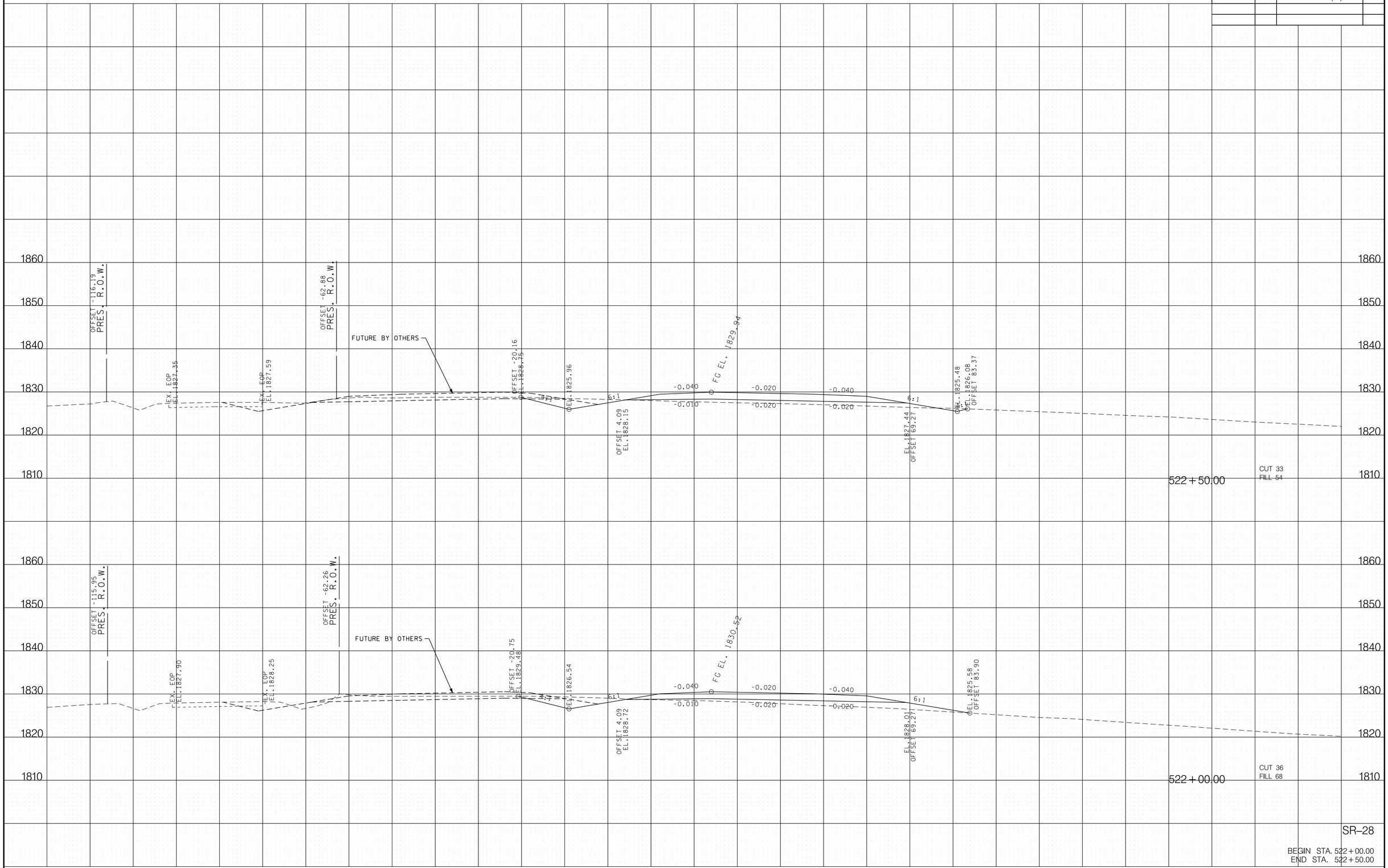
1/30/2026 2:30:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	180
PIH	2025	HPP/NH-28 (37)	100



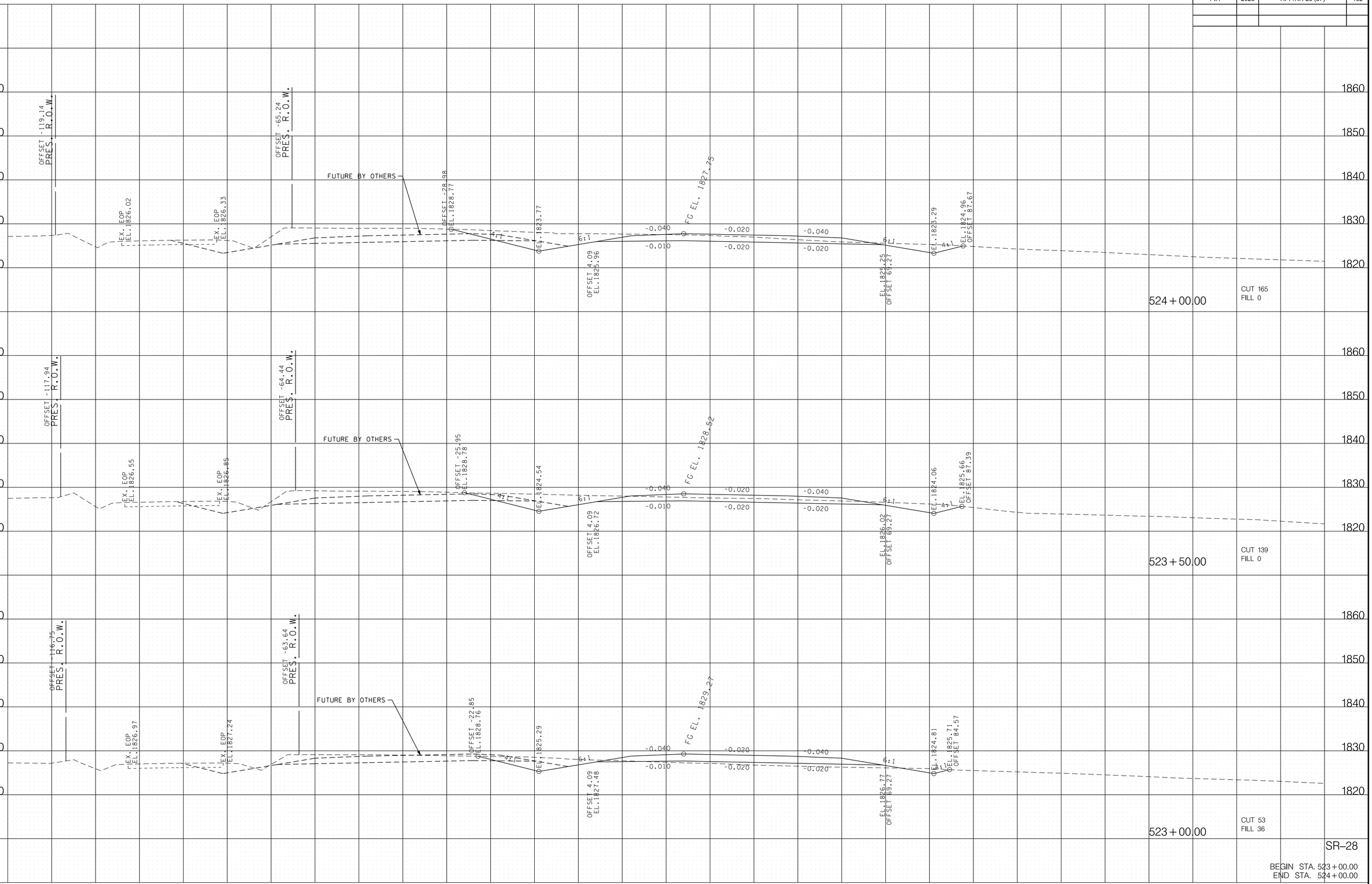
1/30/2026 2:30:28 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	181
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:30:31 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	182
PIH	2025	HPP/NH-28 (37)	102

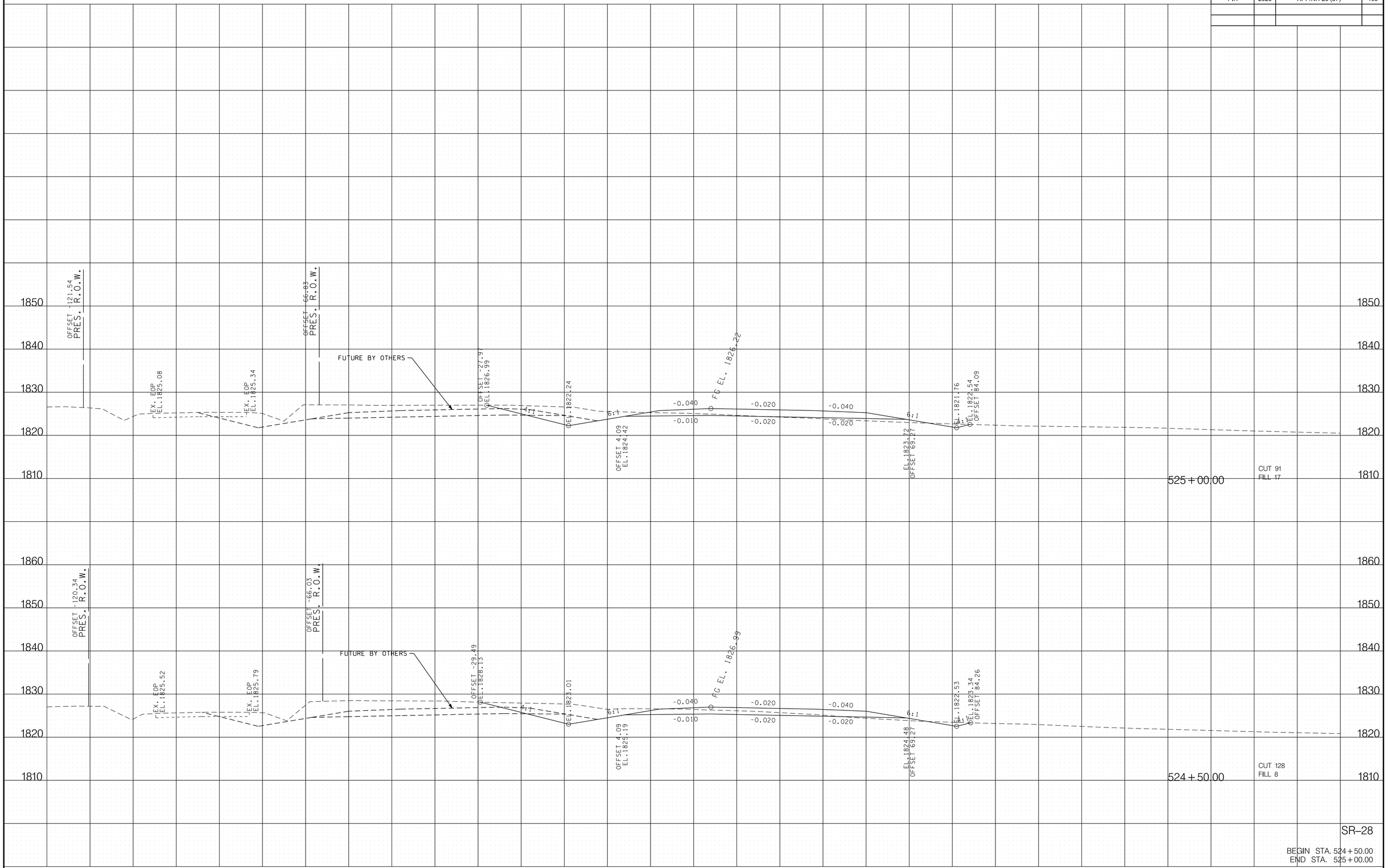


SR-28

BEGIN STA. 523 + 00.00
END STA. 524 + 00.00

1/30/2026 2:30:34 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	183
PIH	2025	HPP/NH-28 (37)	103

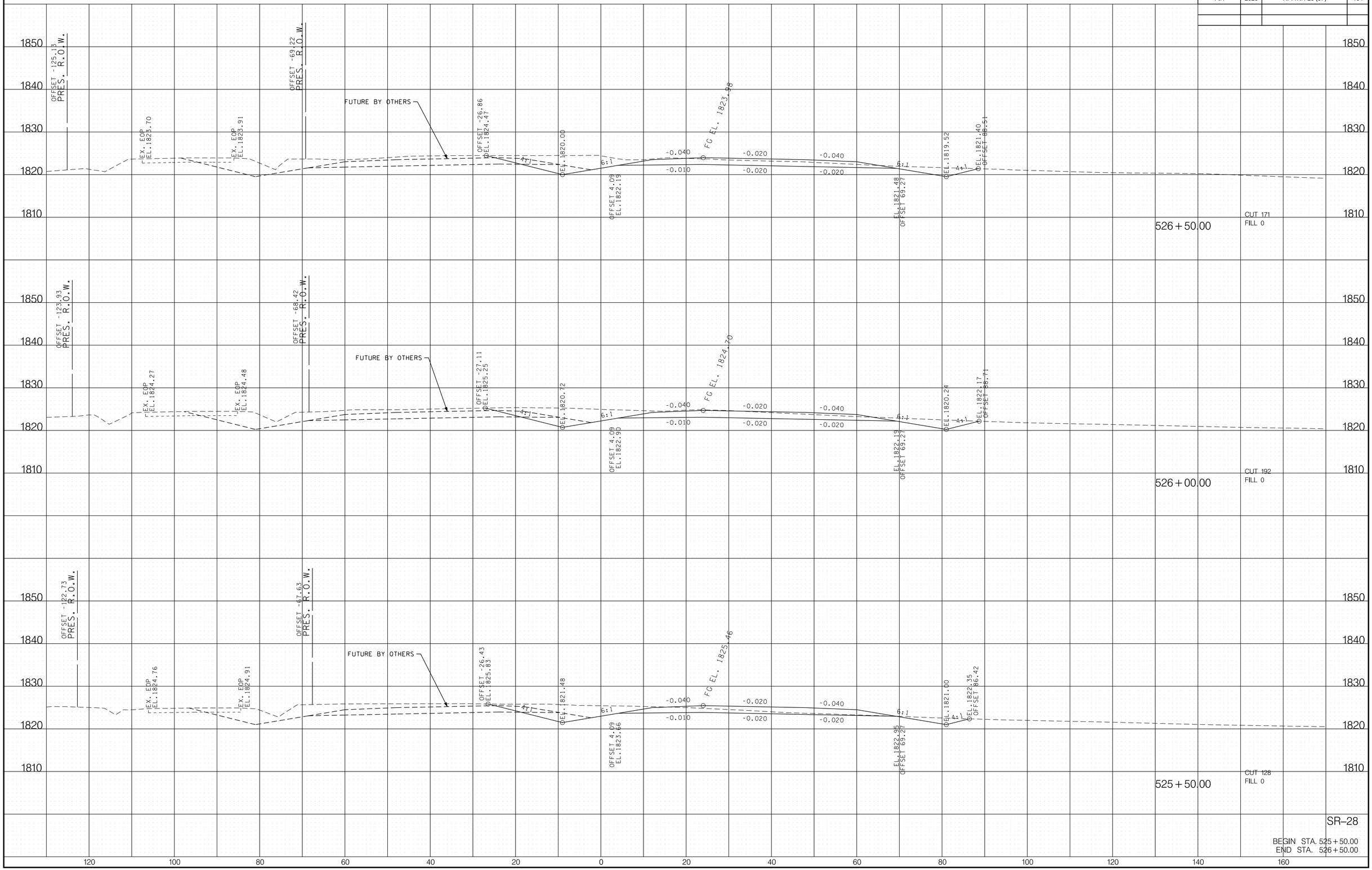


SR-28

BEGIN STA. 524+50.00
END STA. 525+00.00

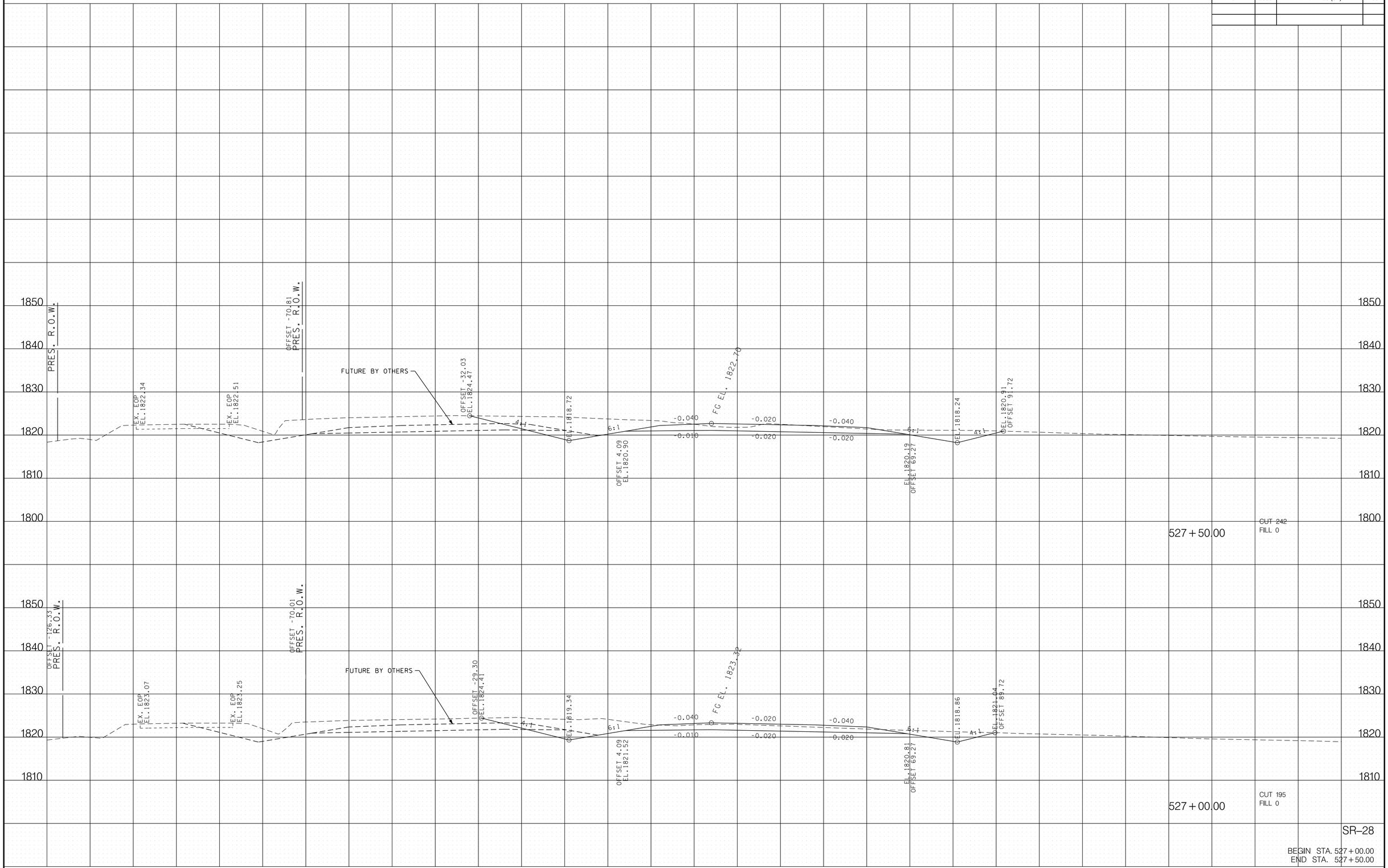
1/30/2026 2:30:37 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	184
PIH	2025	HPP/NH-28 (37)	104



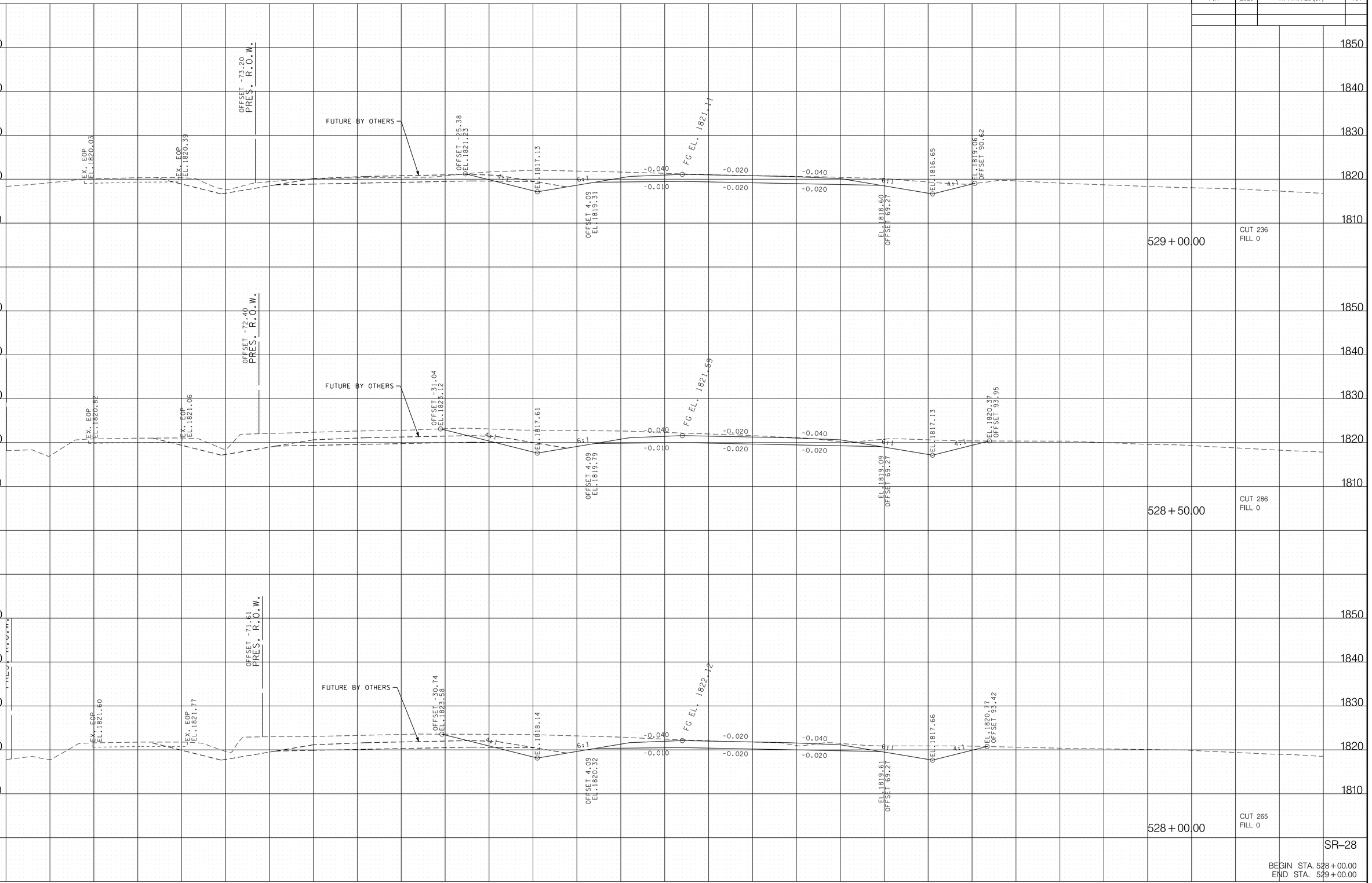
1/30/2026 2:30:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	185
PIH	2025	HPP/NH-28 (37)	100



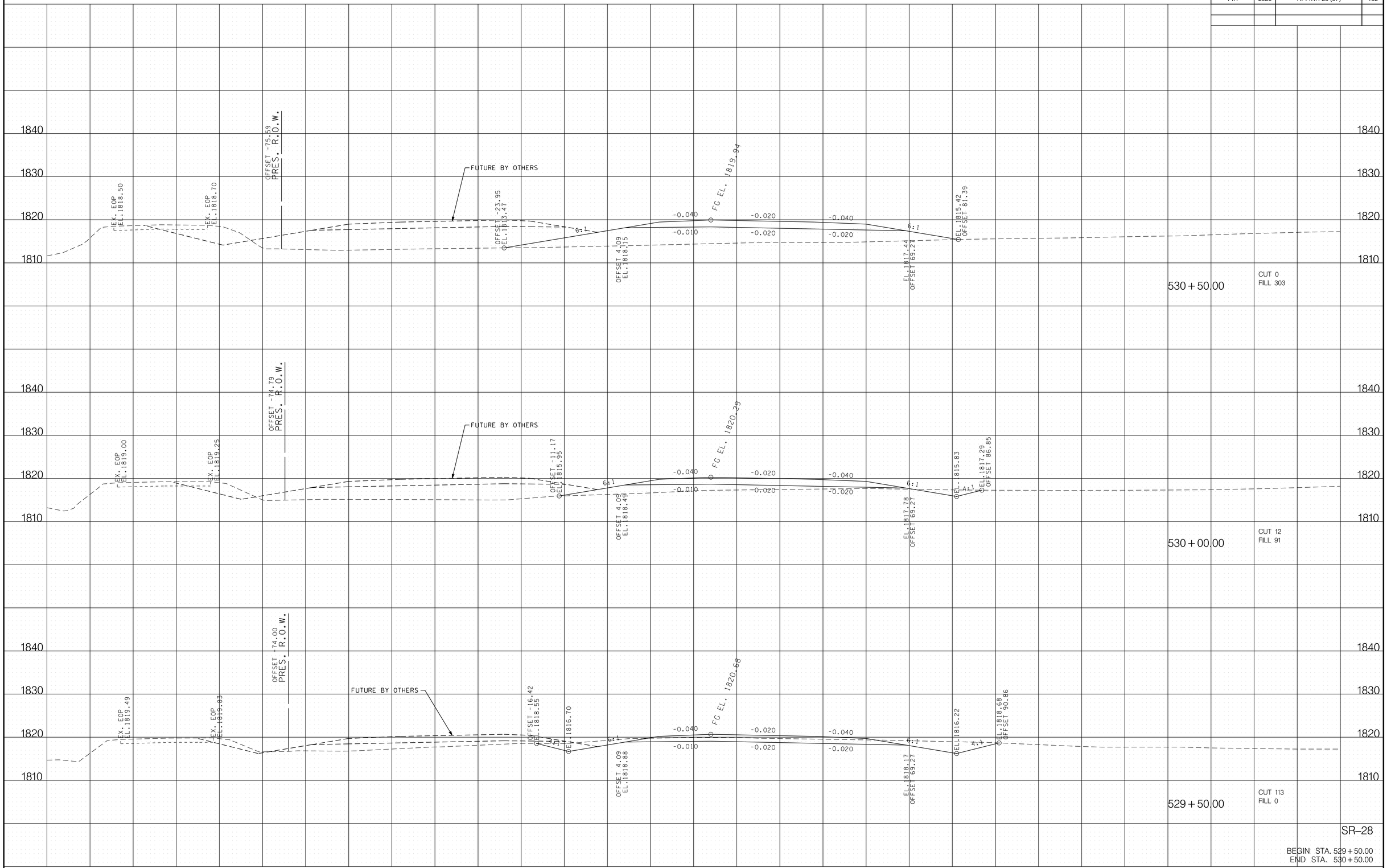
1/30/2026 2:30:43 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	186
PIH	2025	HPP/NH-28 (37)	101



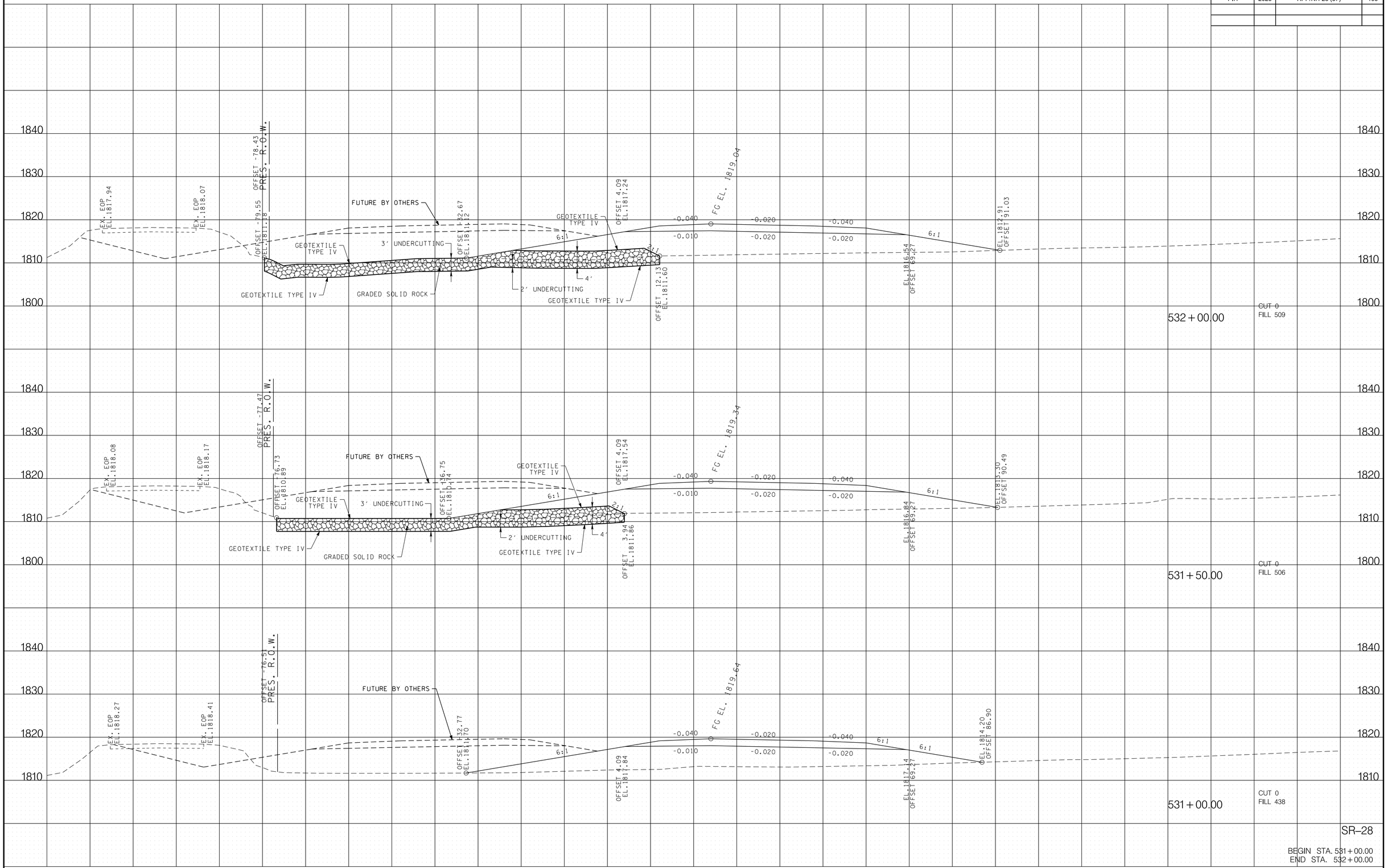
1/30/2026 2:30:45 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	187
PIH	2025	HPP/NH-28 (37)	102



1/30/2026 2:30:48 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	188
PIH	2025	HPP/NH-28 (37)	103

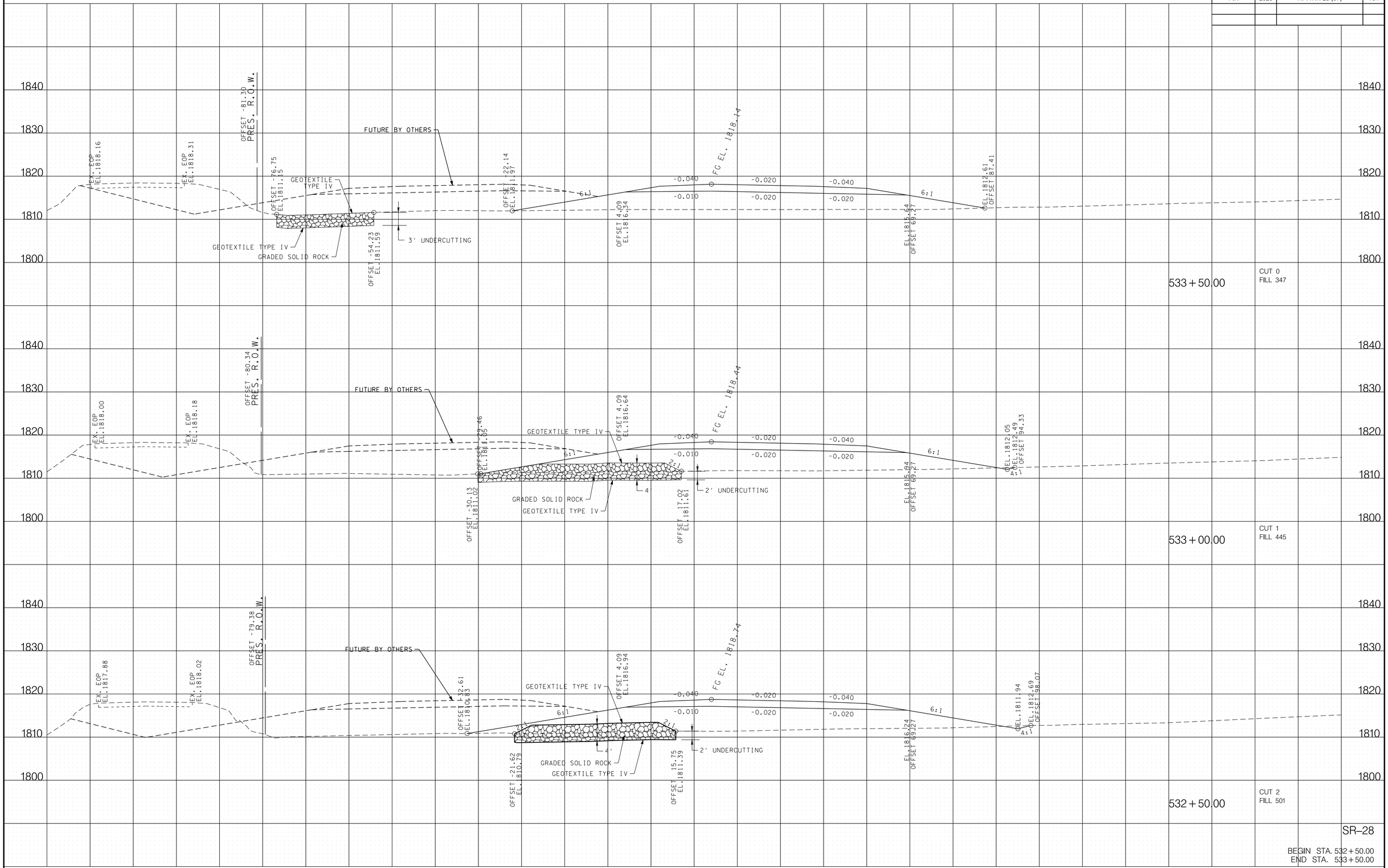


SR–28

BEGIN STA. 531+00.00
END STA. 532+00.00

1/30/2026 2:30:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	189
PIH	2025	HPP/NH-28 (37)	104

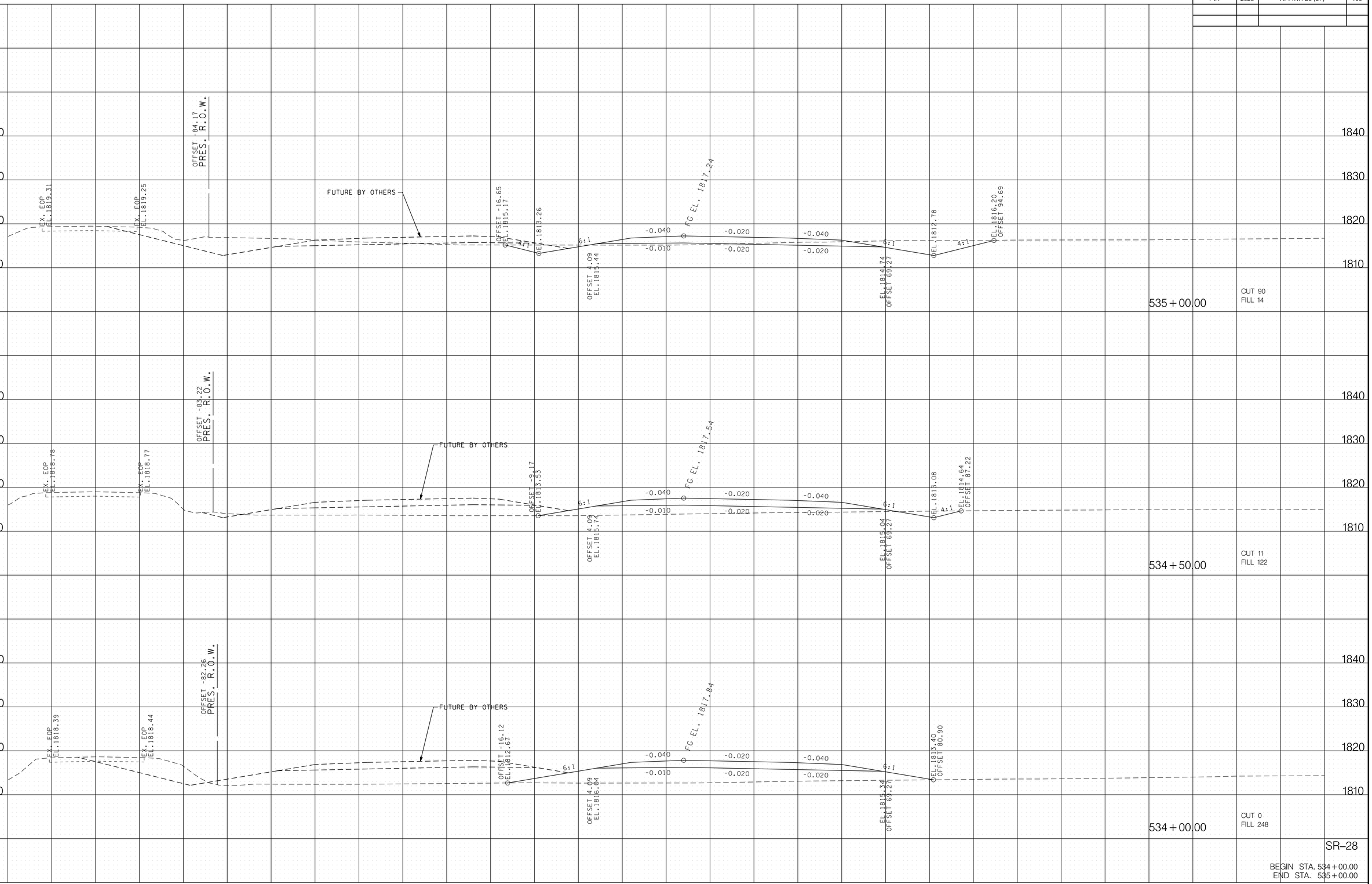


SR–28

BEGIN STA. 532+50.00
END STA. 533+50.00

1/30/2026 2:30:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	190
PIH	2025	HPP/NH-28 (37)	100

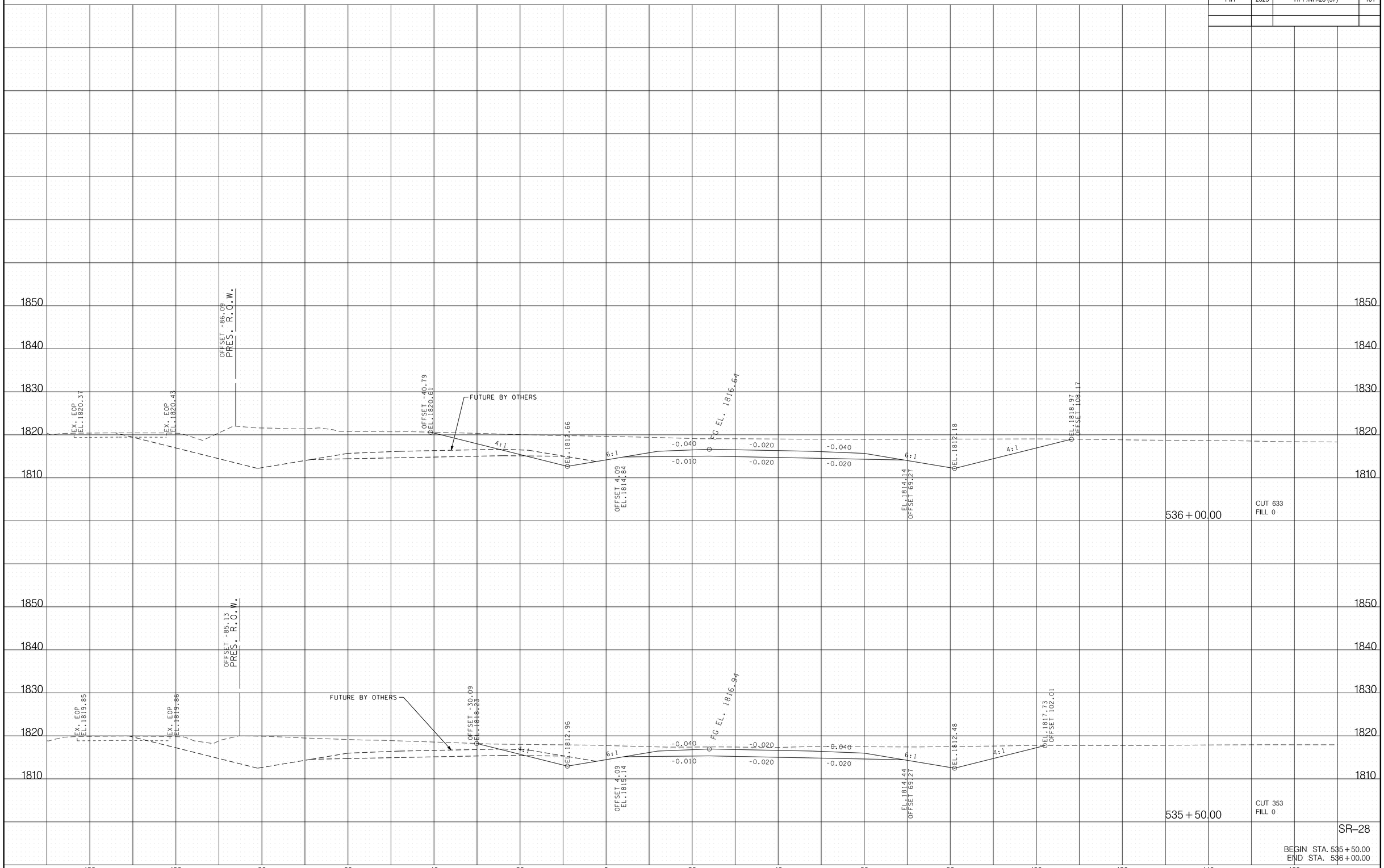


SR–28

BEGIN STA. 534+00.00
END STA. 535+00.00

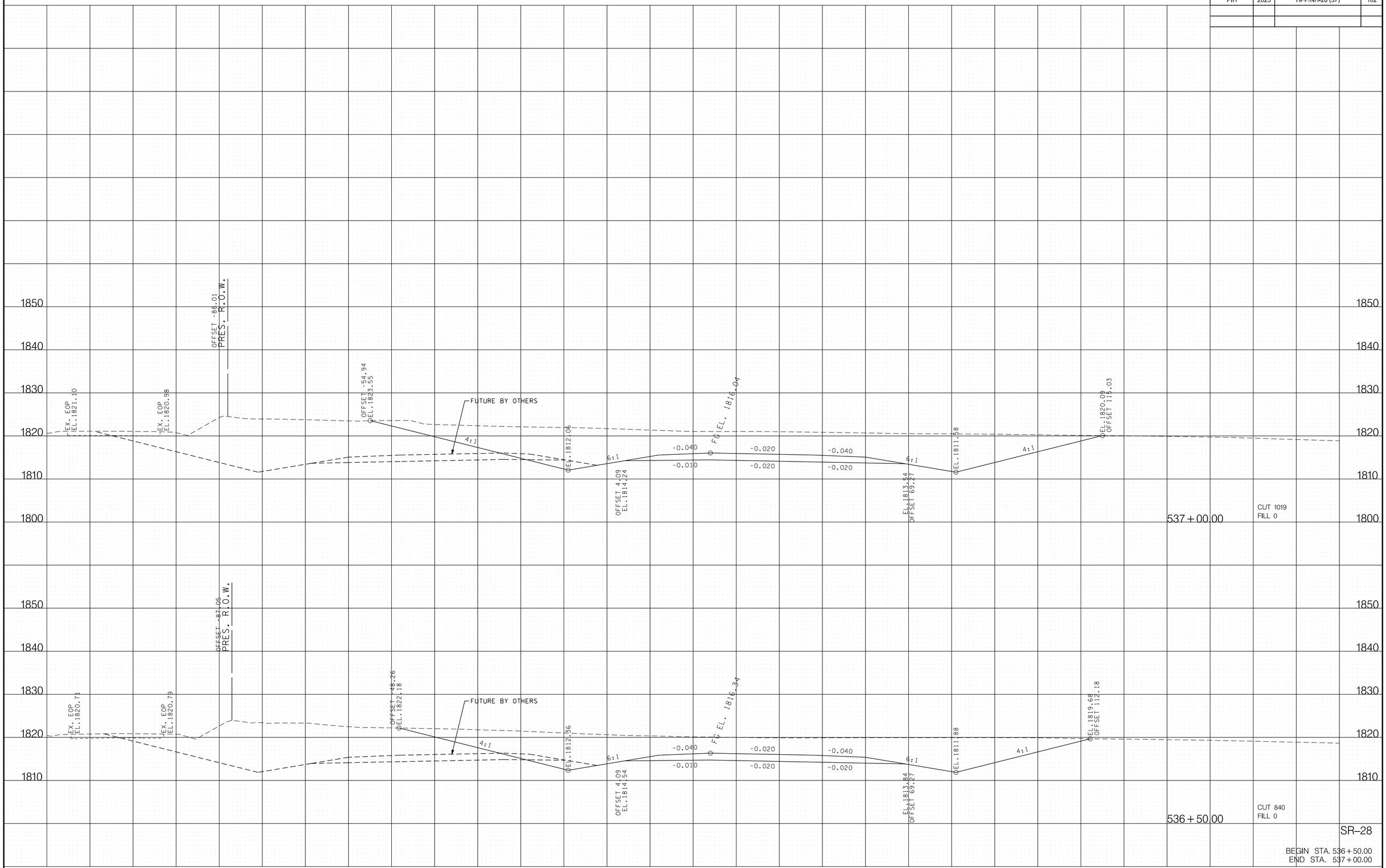
1/30/2026 2:30:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	191
PIH	2025	HPP/NH-28 (37)	101



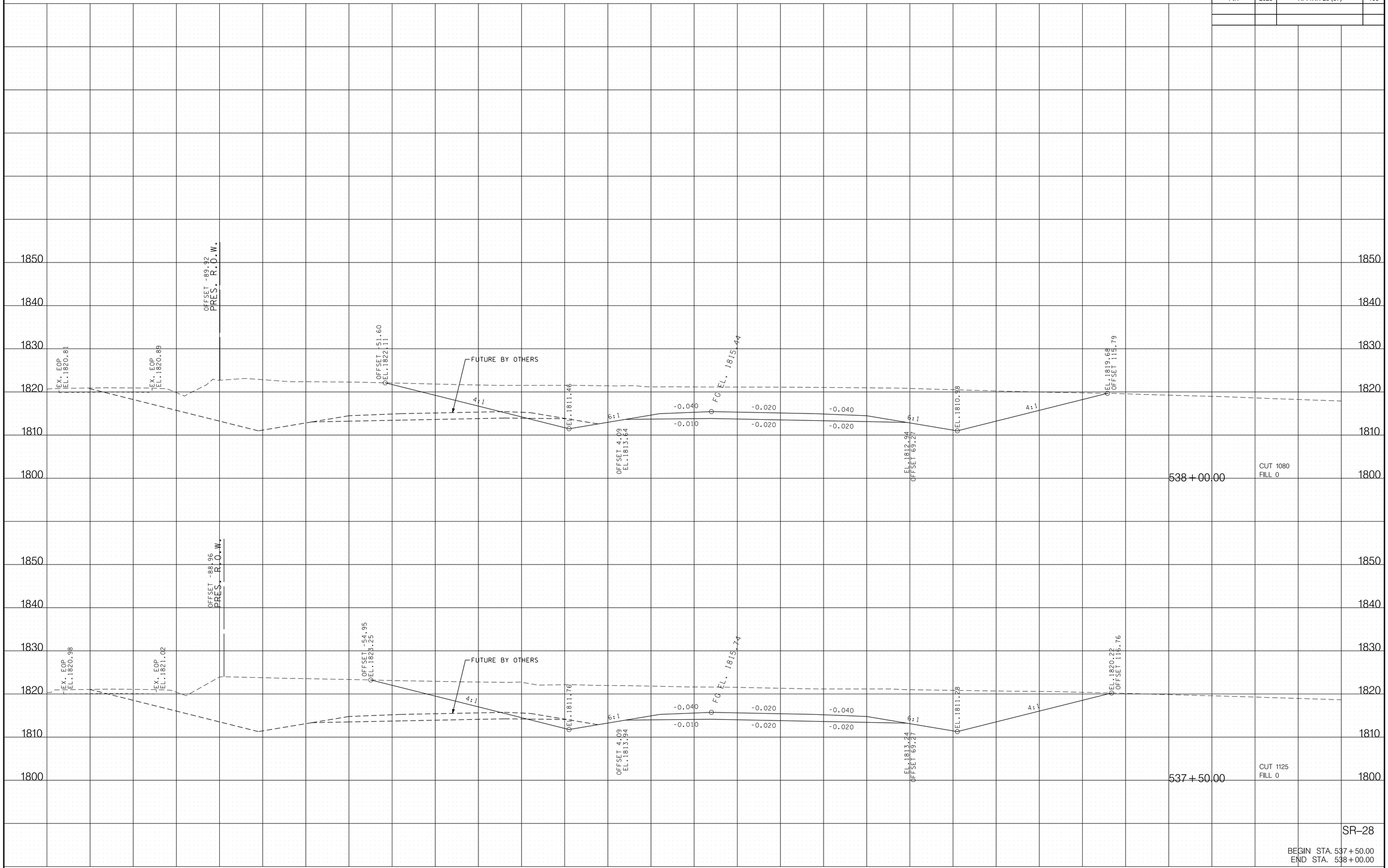
1/30/2026 2:31:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	192
PIH	2025	HPP/NH-28 (37)	102



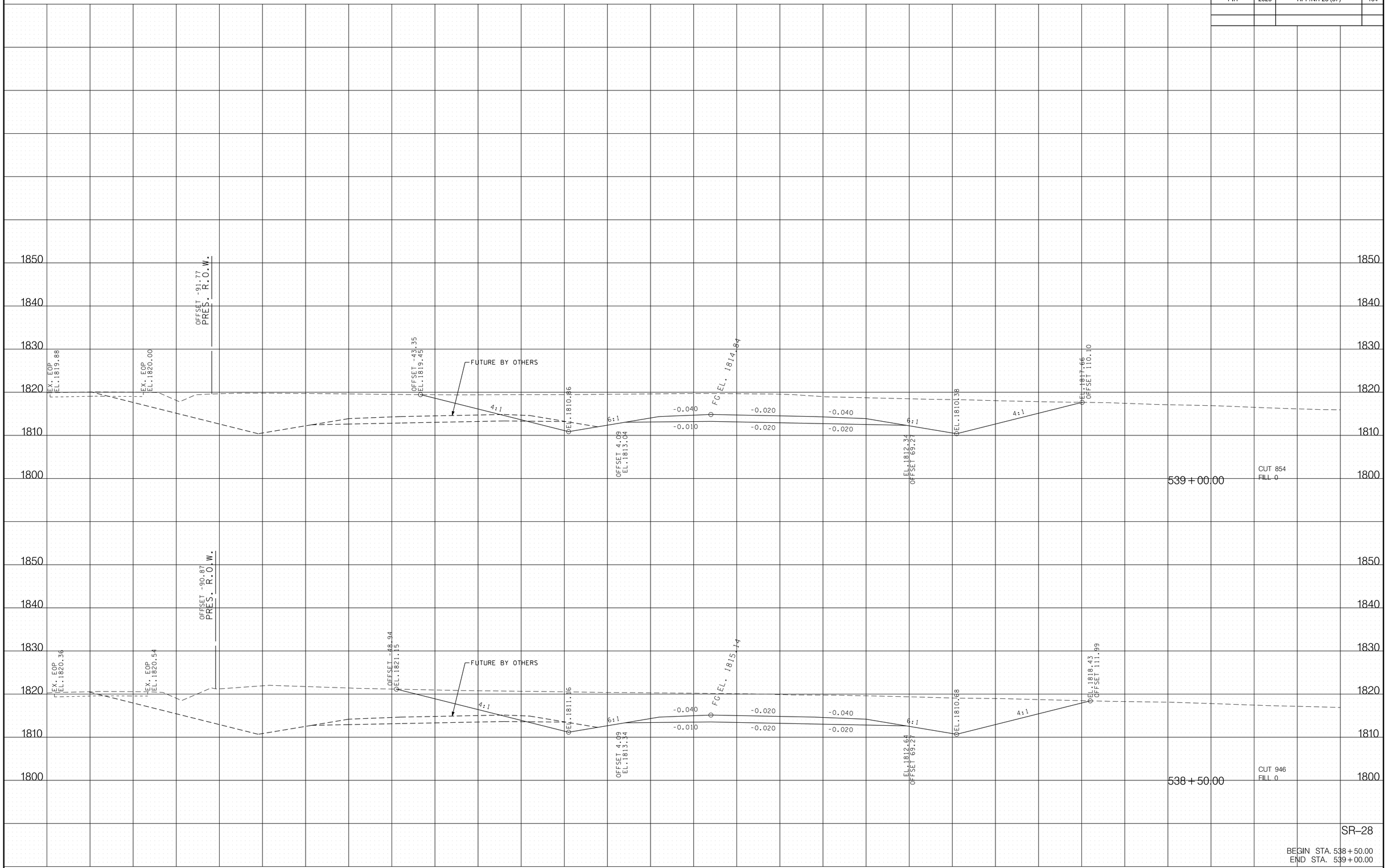
1/30/2026 2:31:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	193
PIH	2025	HPP/NH-28 (37)	103



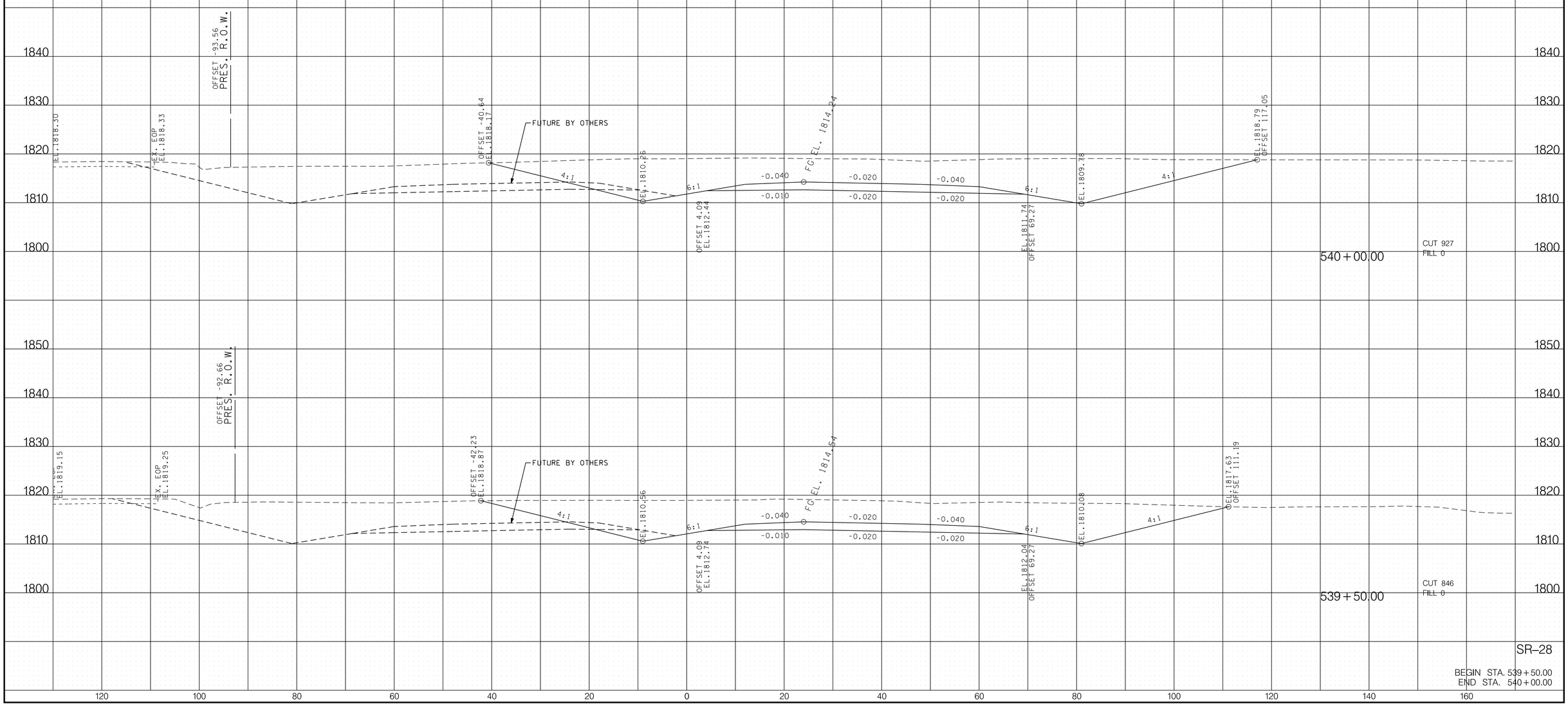
1/30/2026 2:31:20 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	194
PIH	2025	HPP/NH-28 (37)	104



1/30/2026 2:31:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	195
PIH	2025	HPP/NH-28 (37)	100

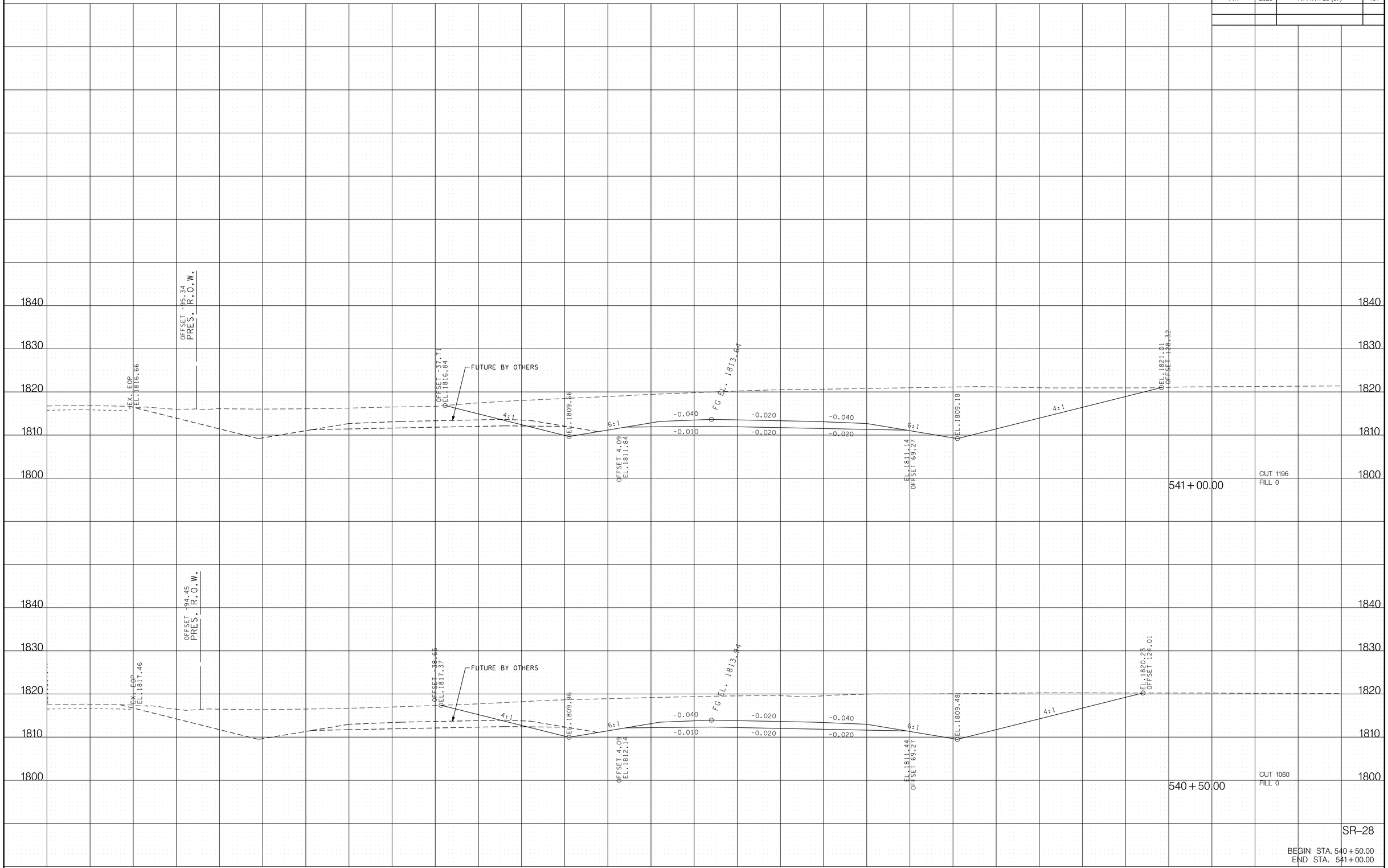


SR-28

BEGIN STA. 539+50.00
END STA. 540+00.00

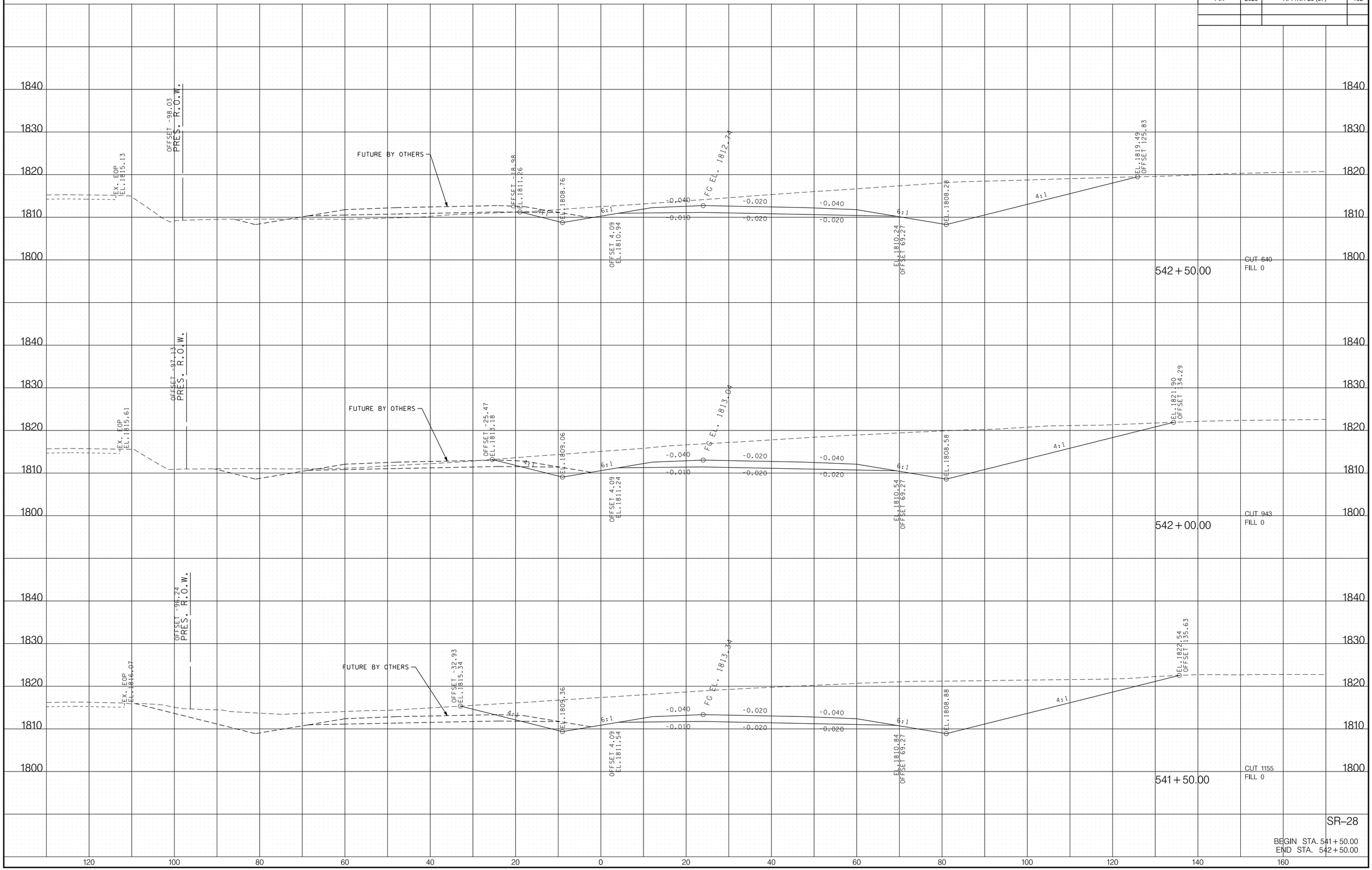
1/30/2026 2:31:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	196
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:31:28 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	197
PIH	2025	HPP/NH-28 (37)	102

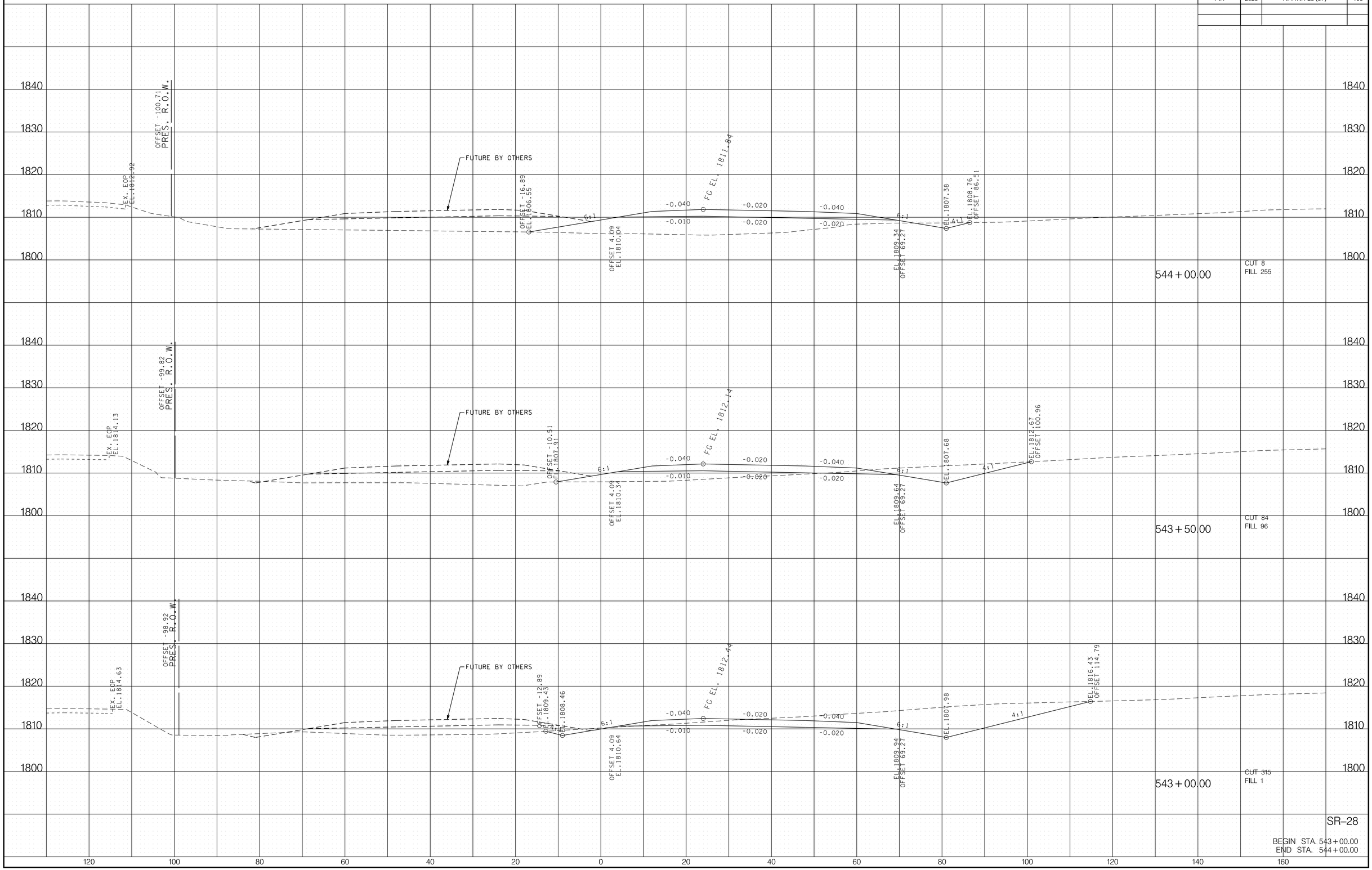


SR–28

BEGIN STA. 541+50.00
END STA. 542+50.00

1/30/2026 2:31:31 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	198
PIH	2025	HPP/NH-28 (37)	103

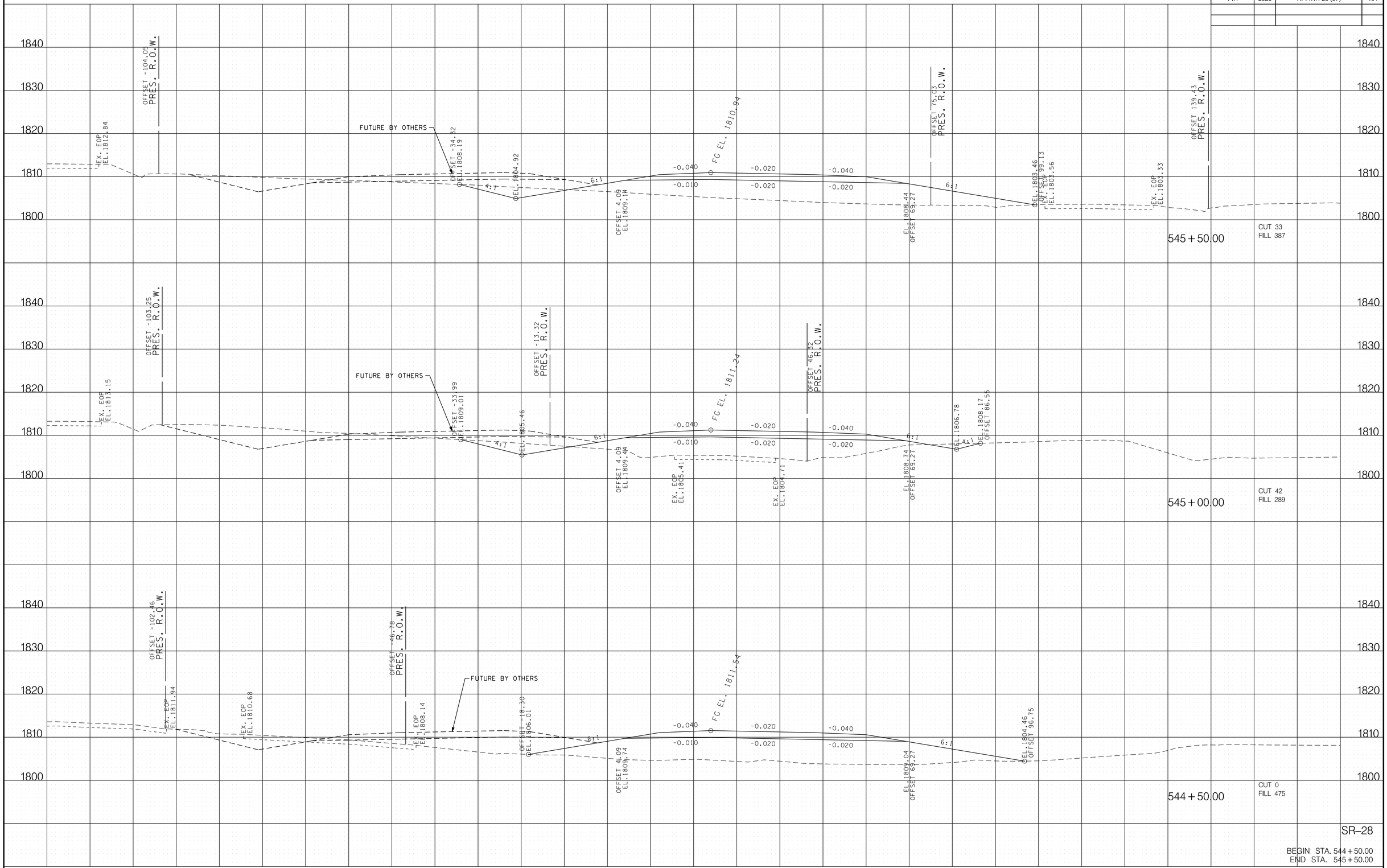


SR–28

BEGIN STA. 543+00.00
END STA. 544+00.00

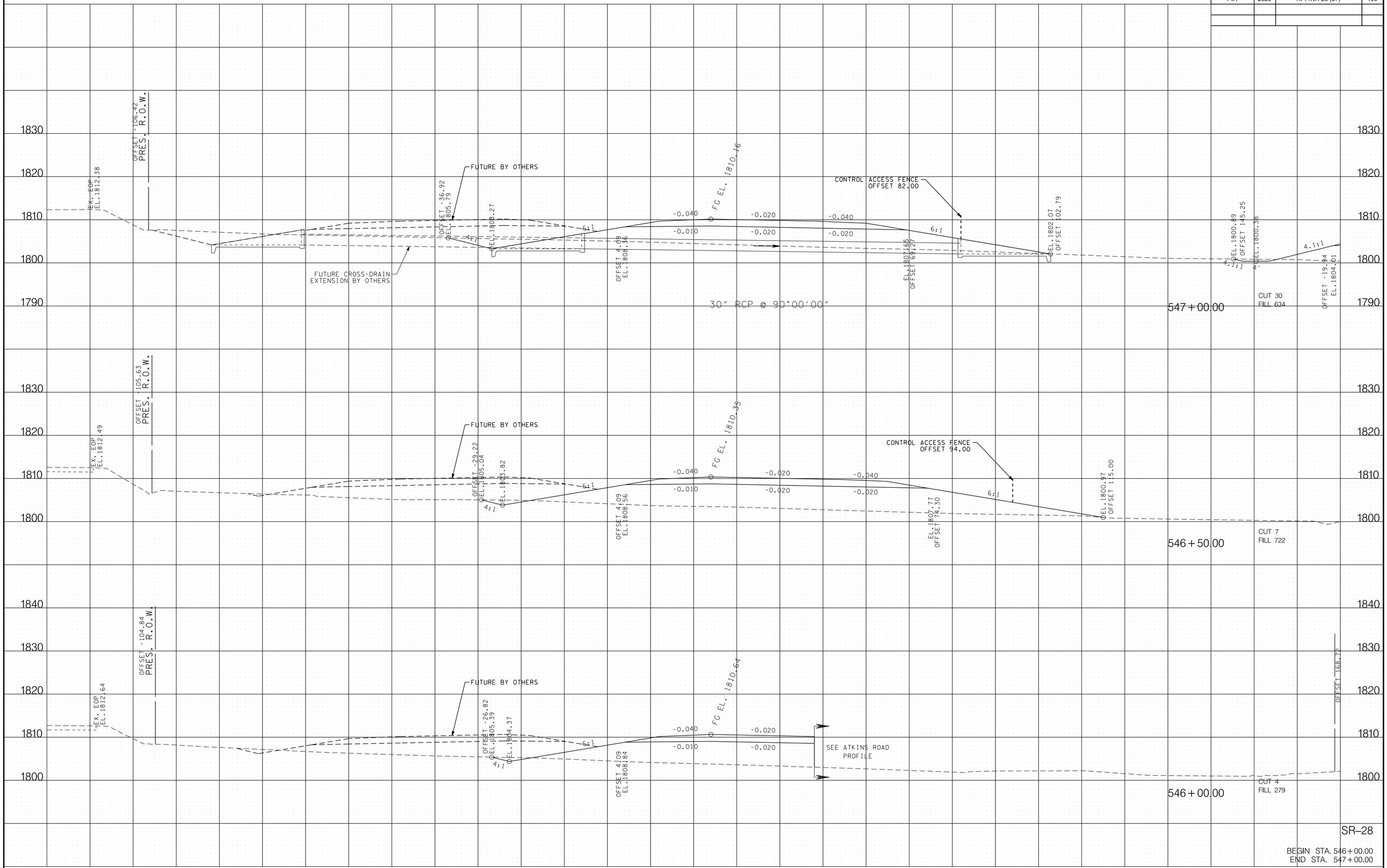
1/30/2026 2:31:34 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	199
PIH	2025	HPP/NH-28 (37)	104



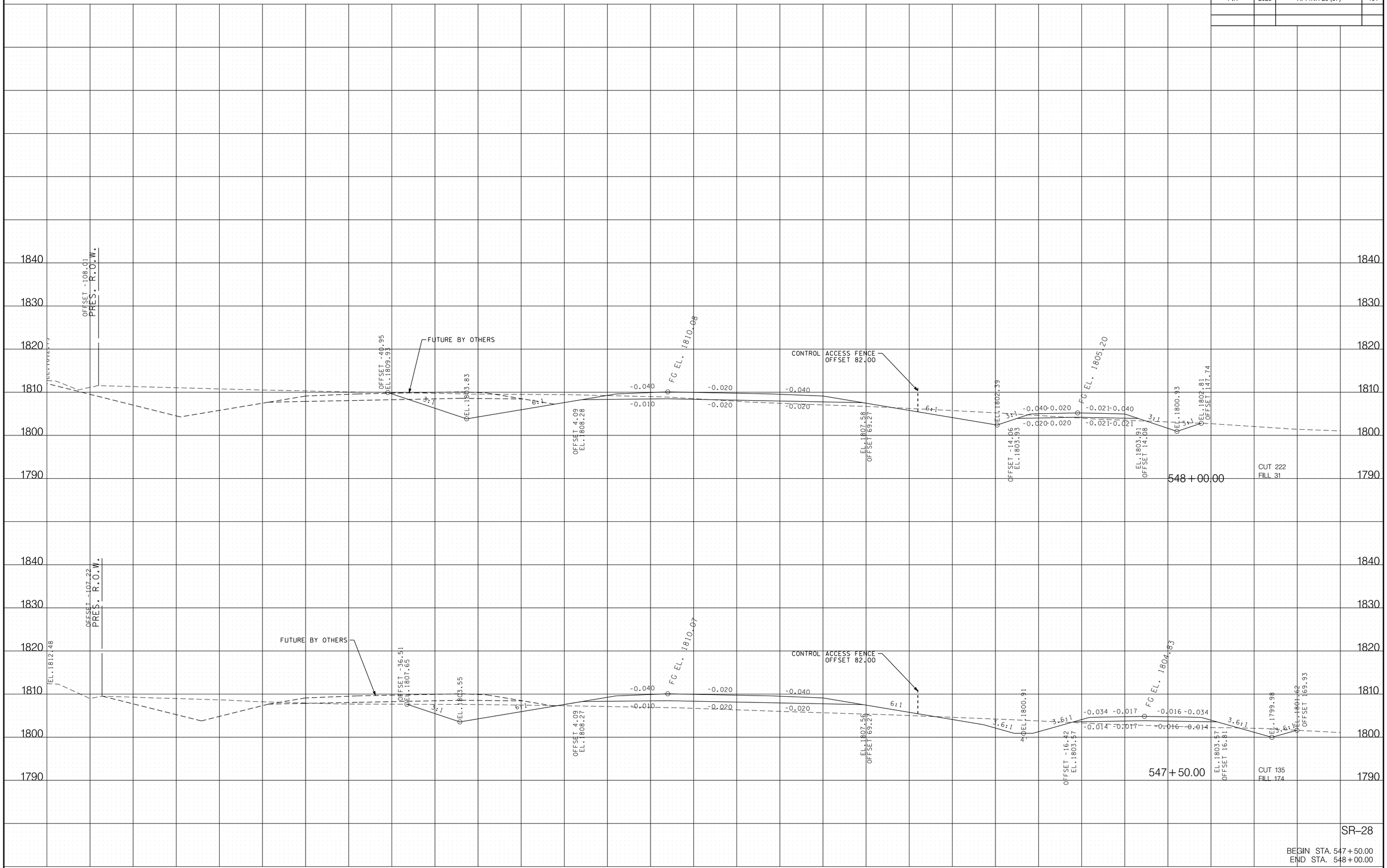
1/30/2026 2:31:37 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	200
PIH	2025	HPP/NH-28 (37)	100



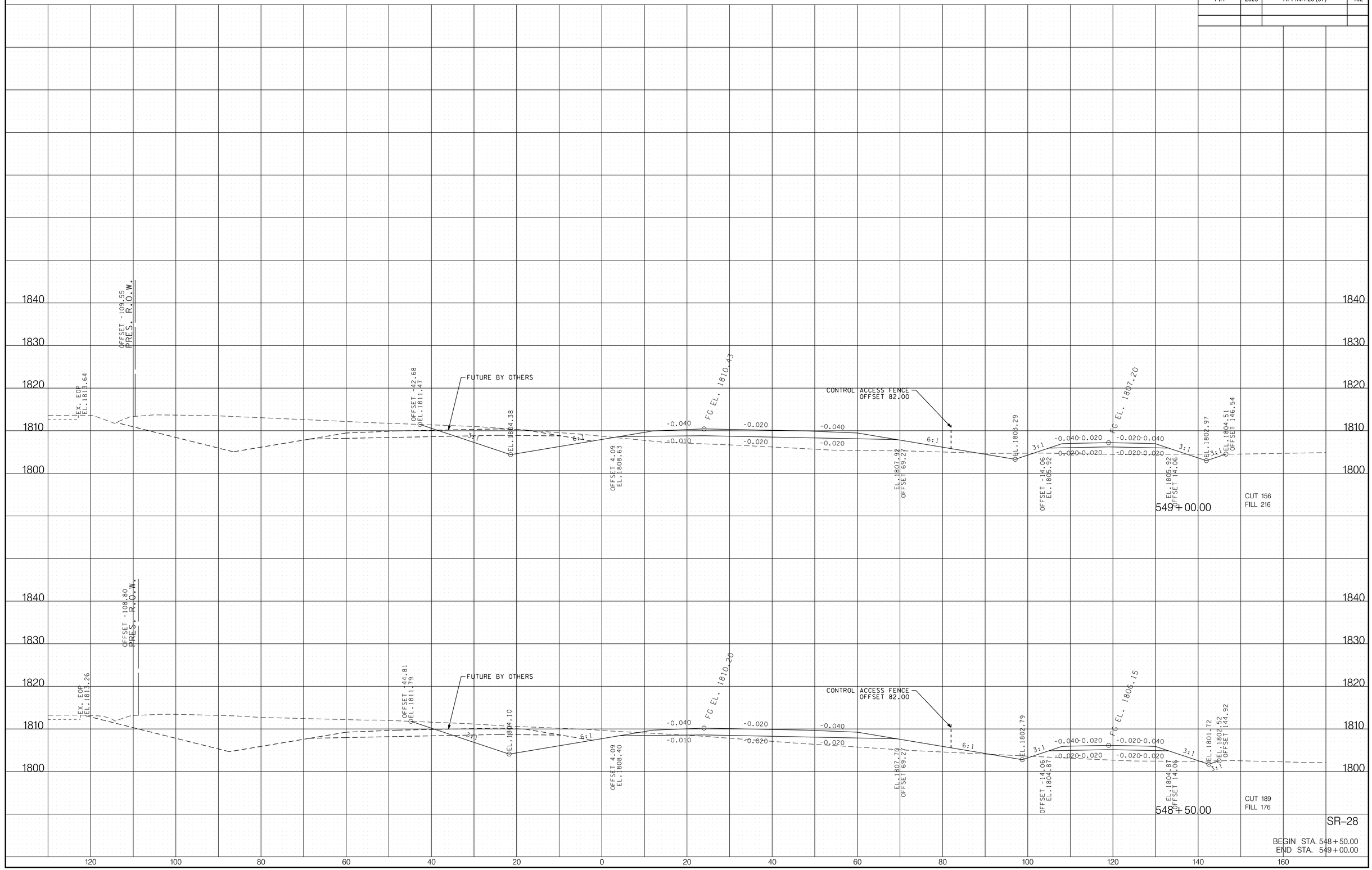
1/30/2026 2:31:39 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	201
PIH	2025	HPP/NH-28 (37)	101



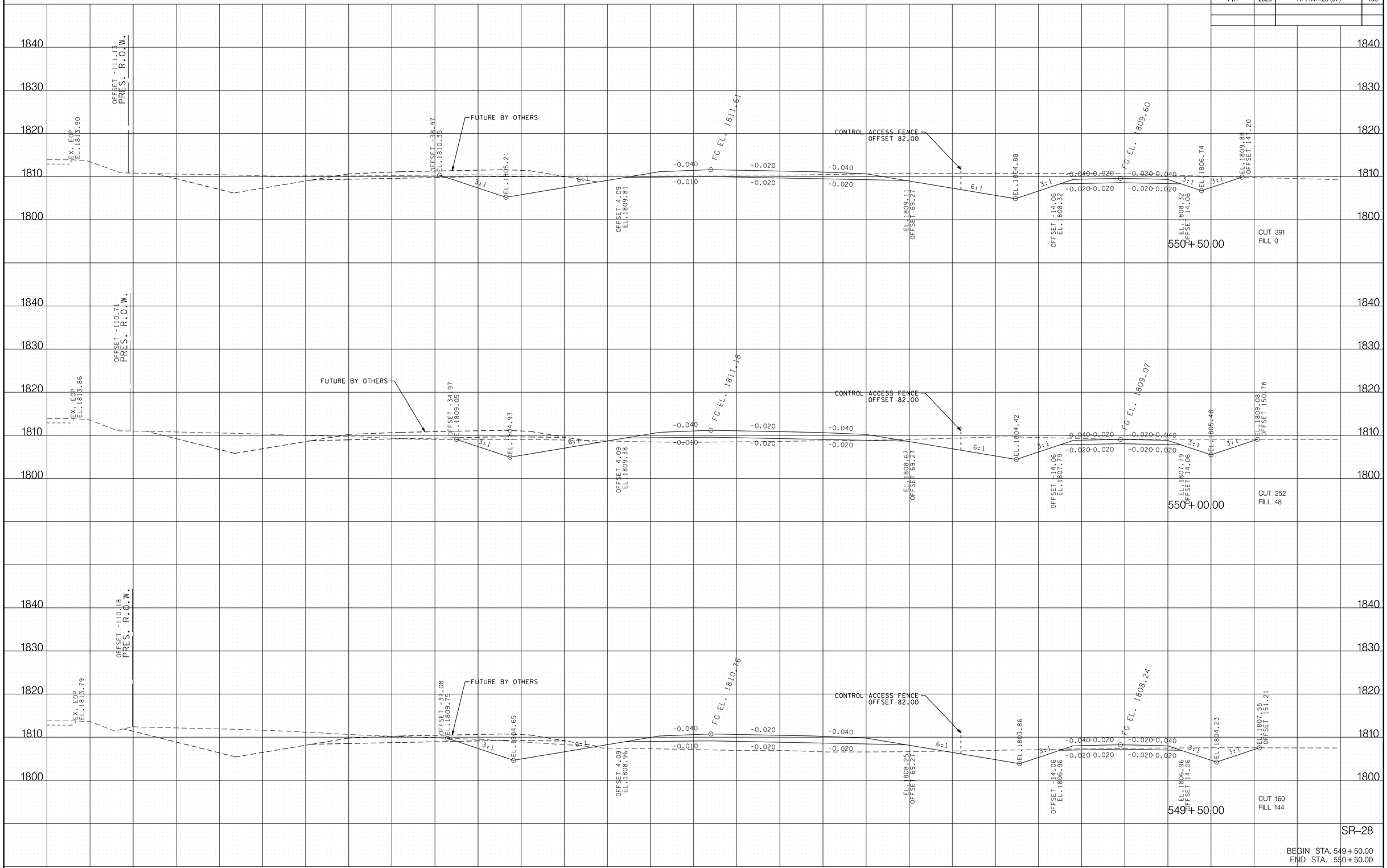
1/30/2026 2:31:42 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	202
PIH	2025	HPP/NH-28 (37)	102



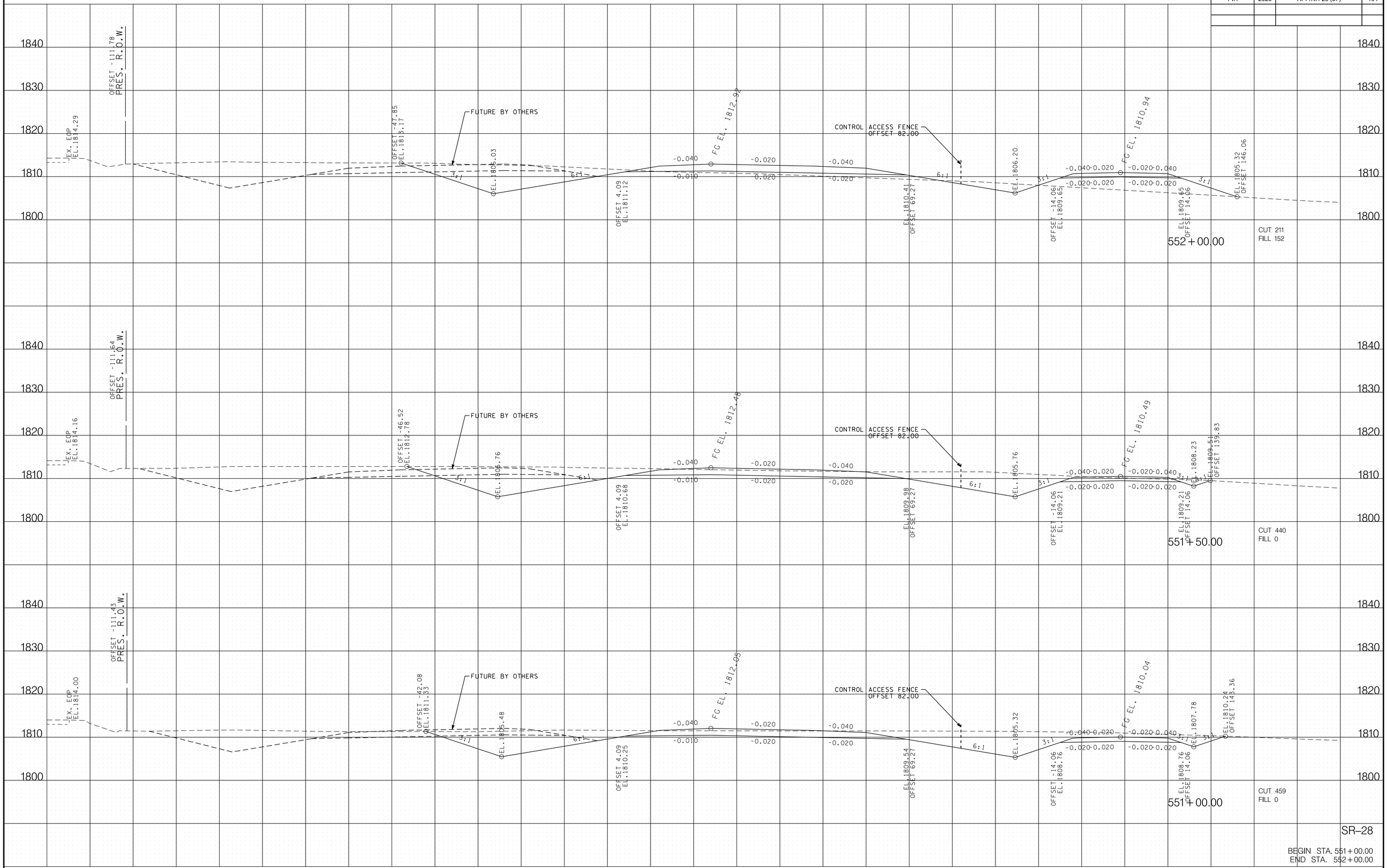
1/30/2026 2:31:45 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	203
PIH	2025	HPP/NH-28 (37)	103



1/30/2026 2:31:48 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	204
PIH	2025	HPP/NH-28 (37)	104

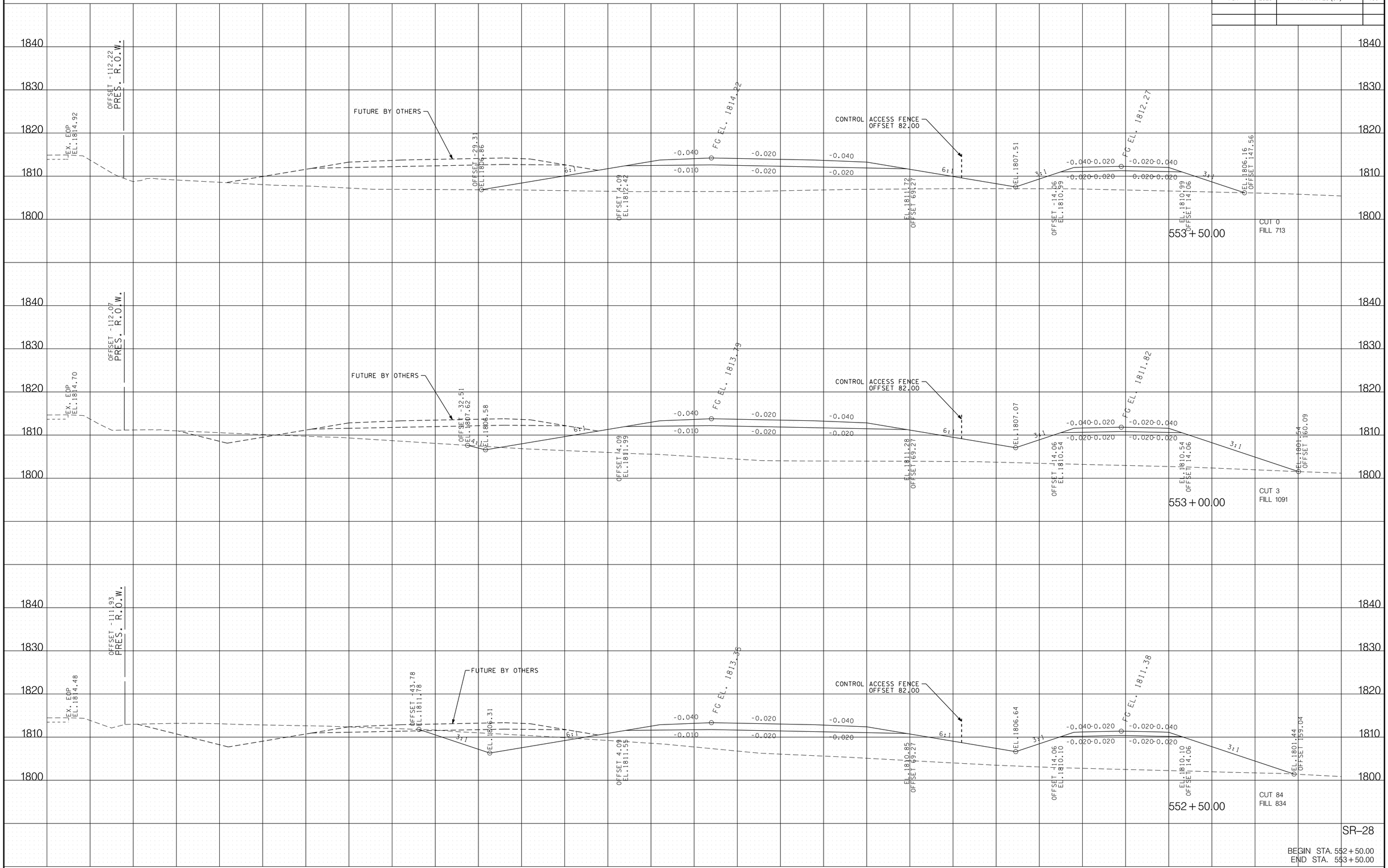


SR-28

BEGIN STA. 551+00.00
END STA. 552+00.00

1/30/2026 2:31:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	205
PIH	2025	HPP/NH-28 (37)	100

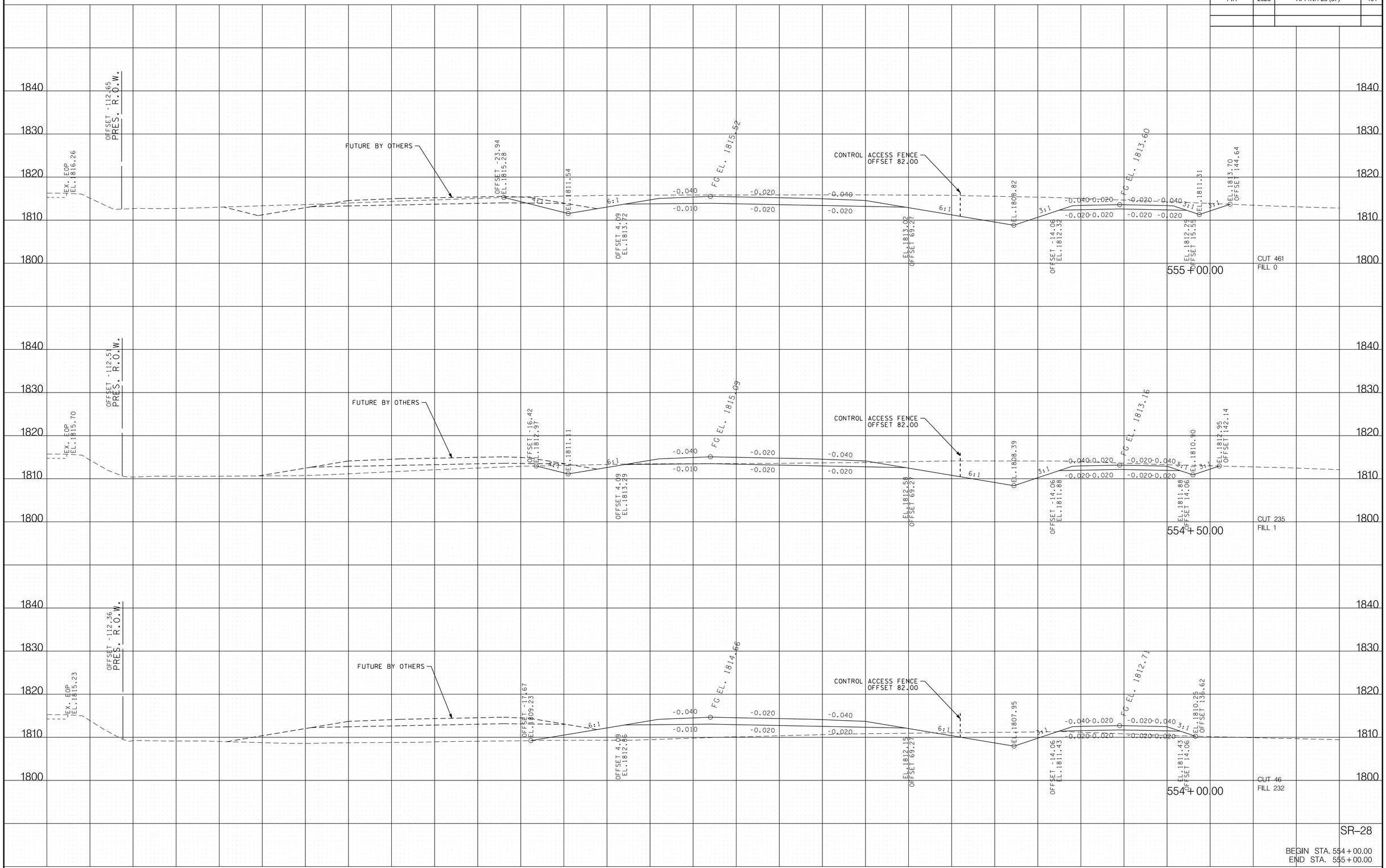


SR–28

BEGIN STA. 552+50.00
END STA. 553+50.00

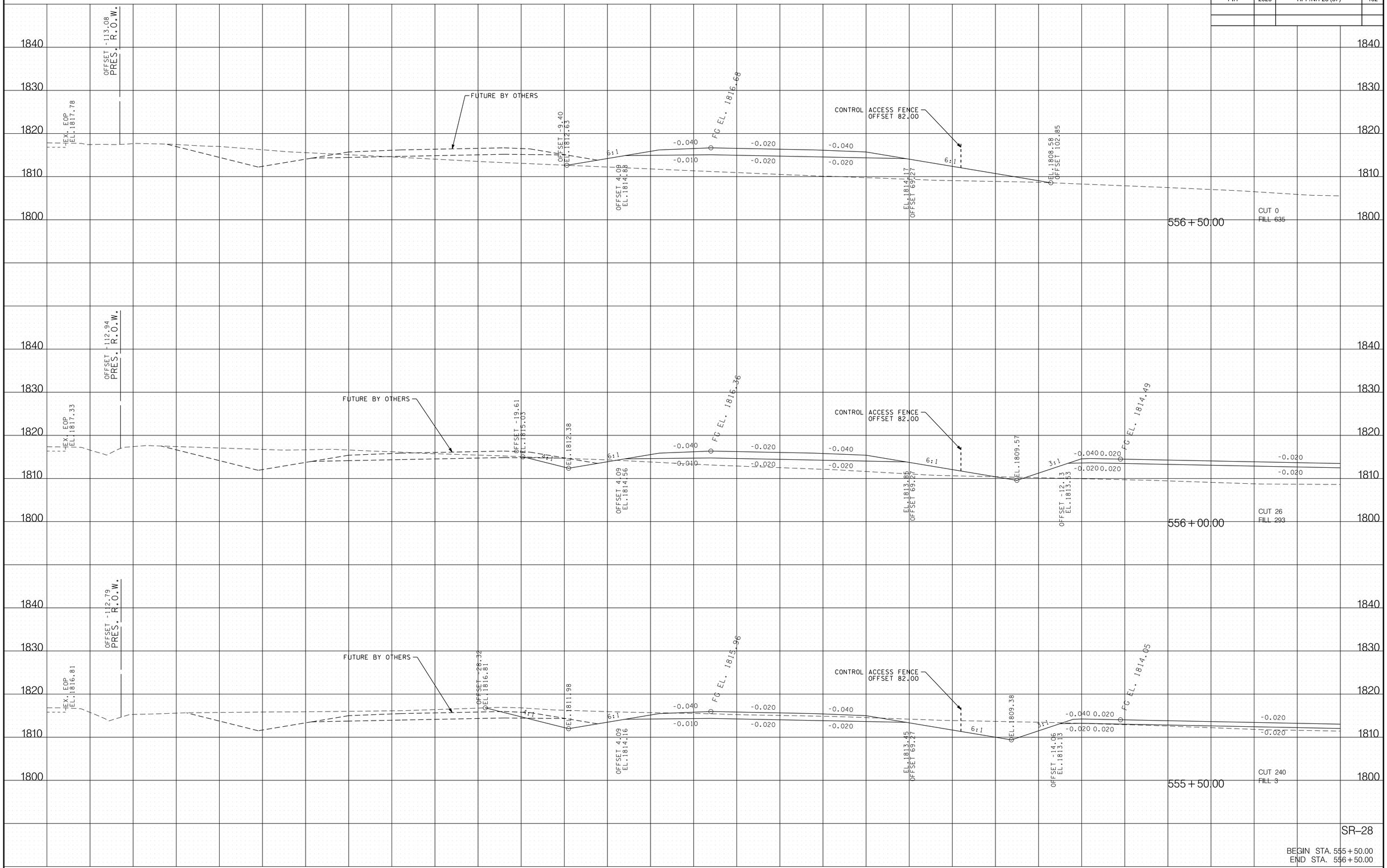
1/30/2026 2:31:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	206
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:31:56 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	207
PIH	2025	HPP/NH-28 (37)	102

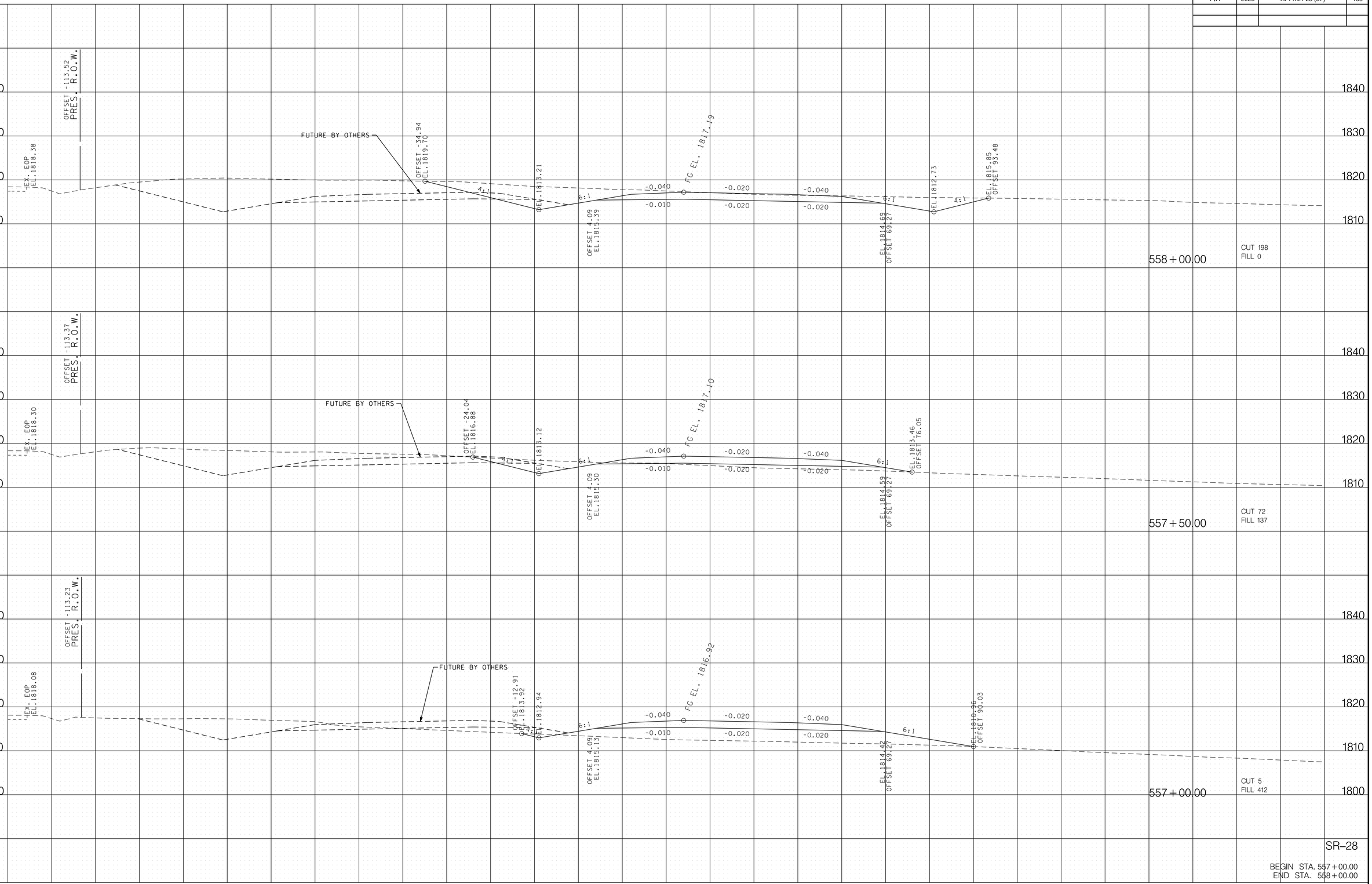


SR–28

BEGIN STA. 555+50.00
END STA. 556+50.00

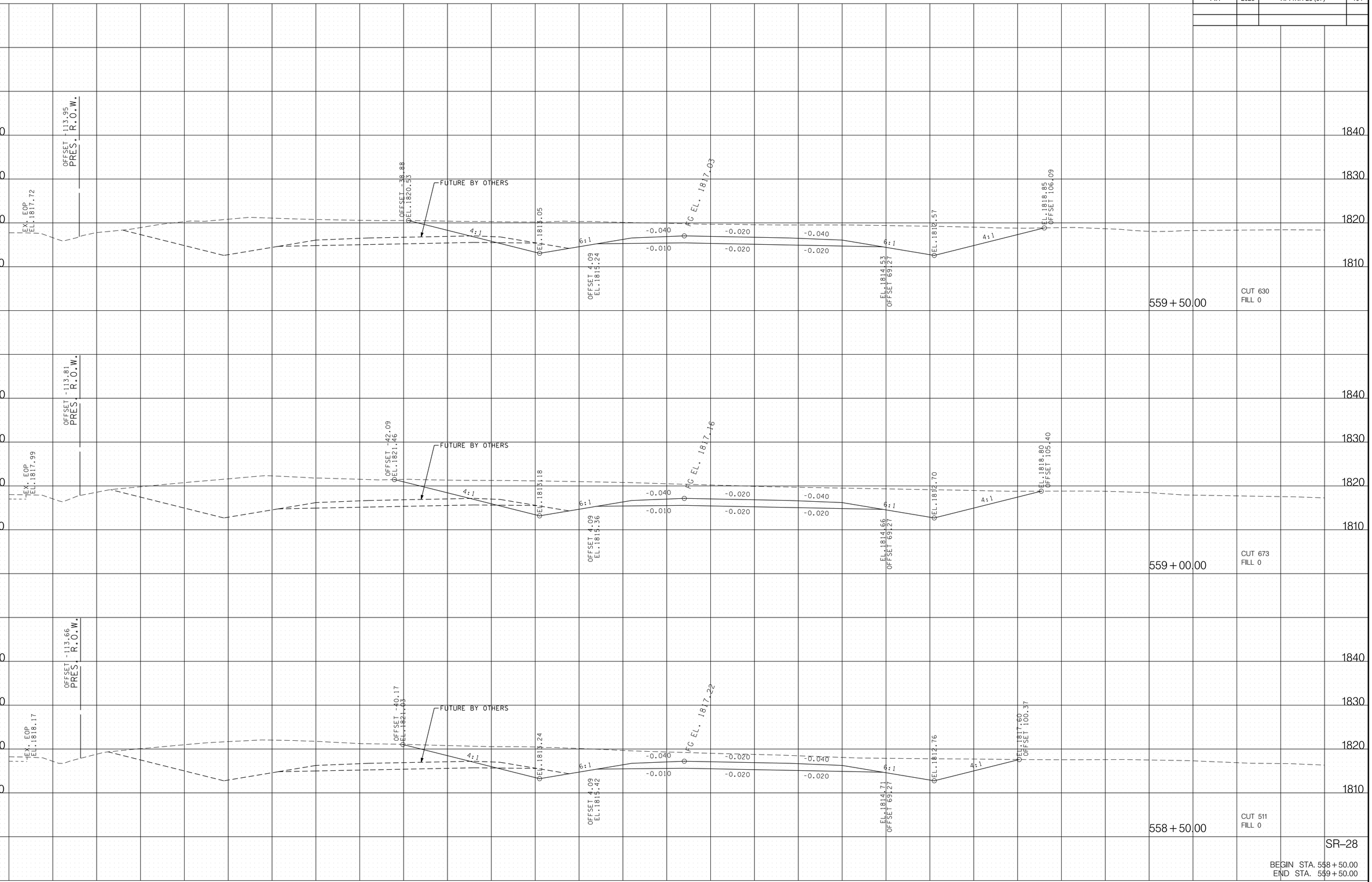
1/30/2026 2:31:59 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	208
PIH	2025	HPP/NH-28 (37)	103



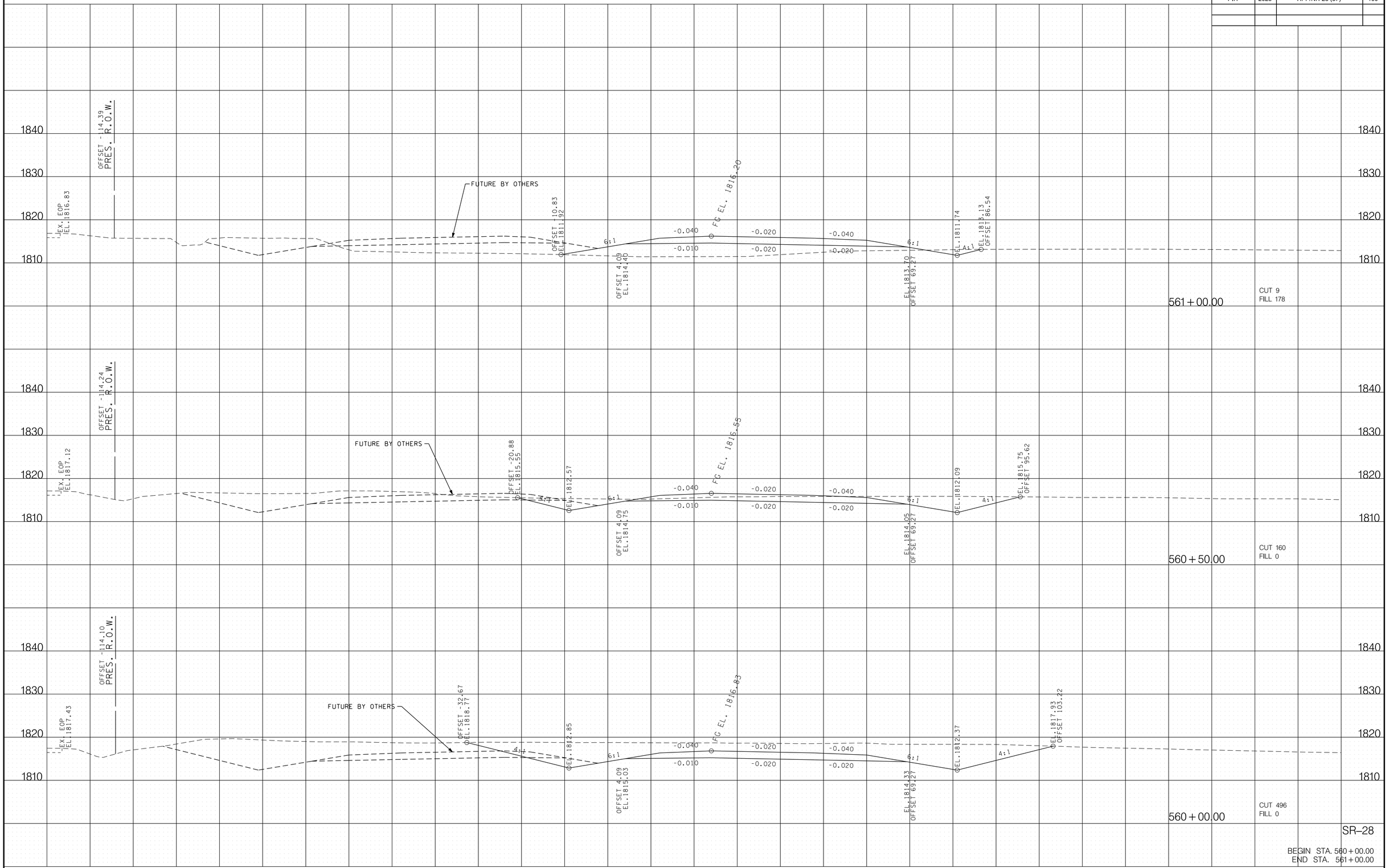
1/30/2026 2:32:02 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	209
PIH	2025	HPP/NH-28 (37)	104



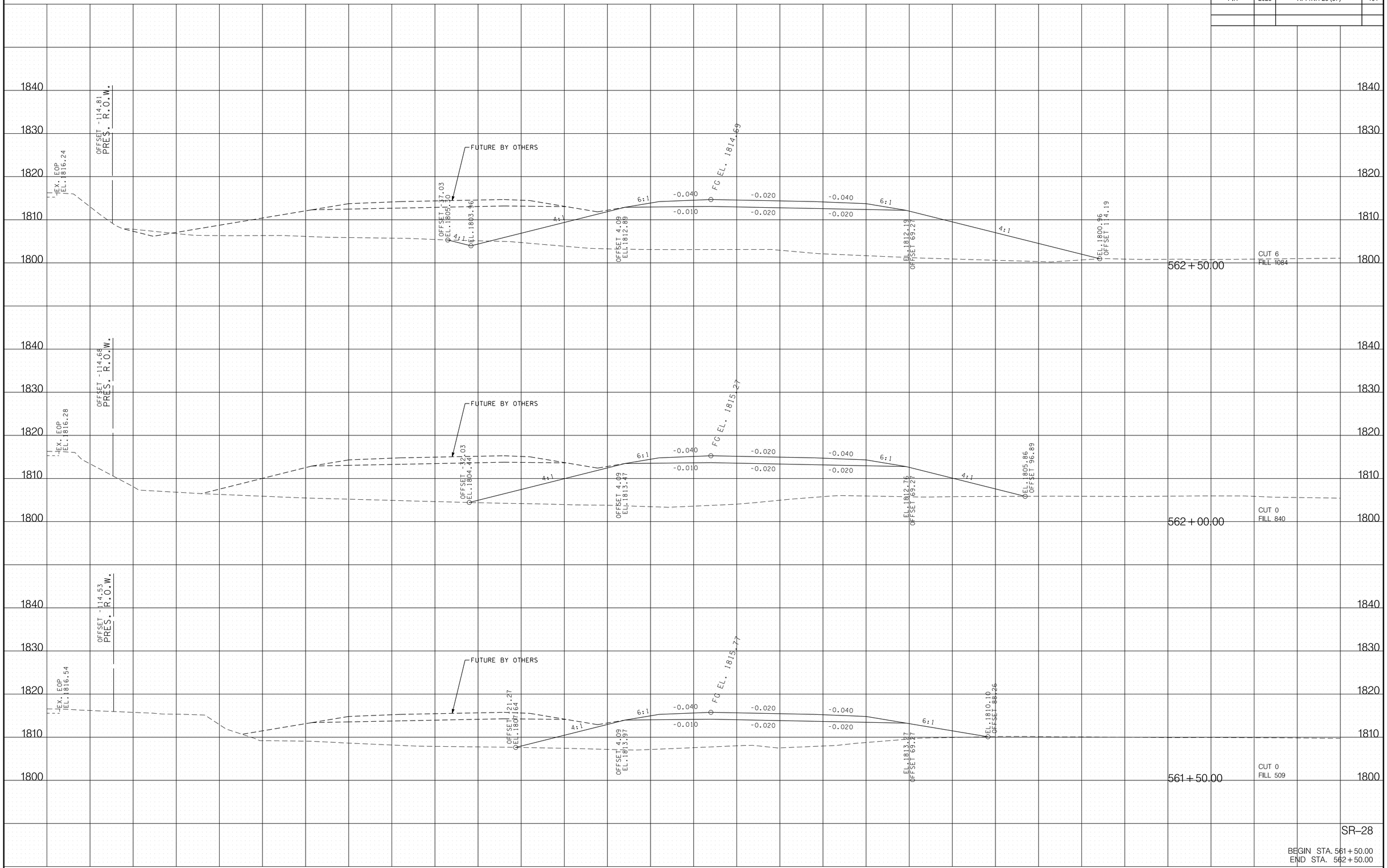
1/30/2026 2:32:05 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	210
PIH	2025	HPP/NH-28 (37)	100



1/30/2026 2:32:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	211
PIH	2025	HPP/NH-28 (37)	101

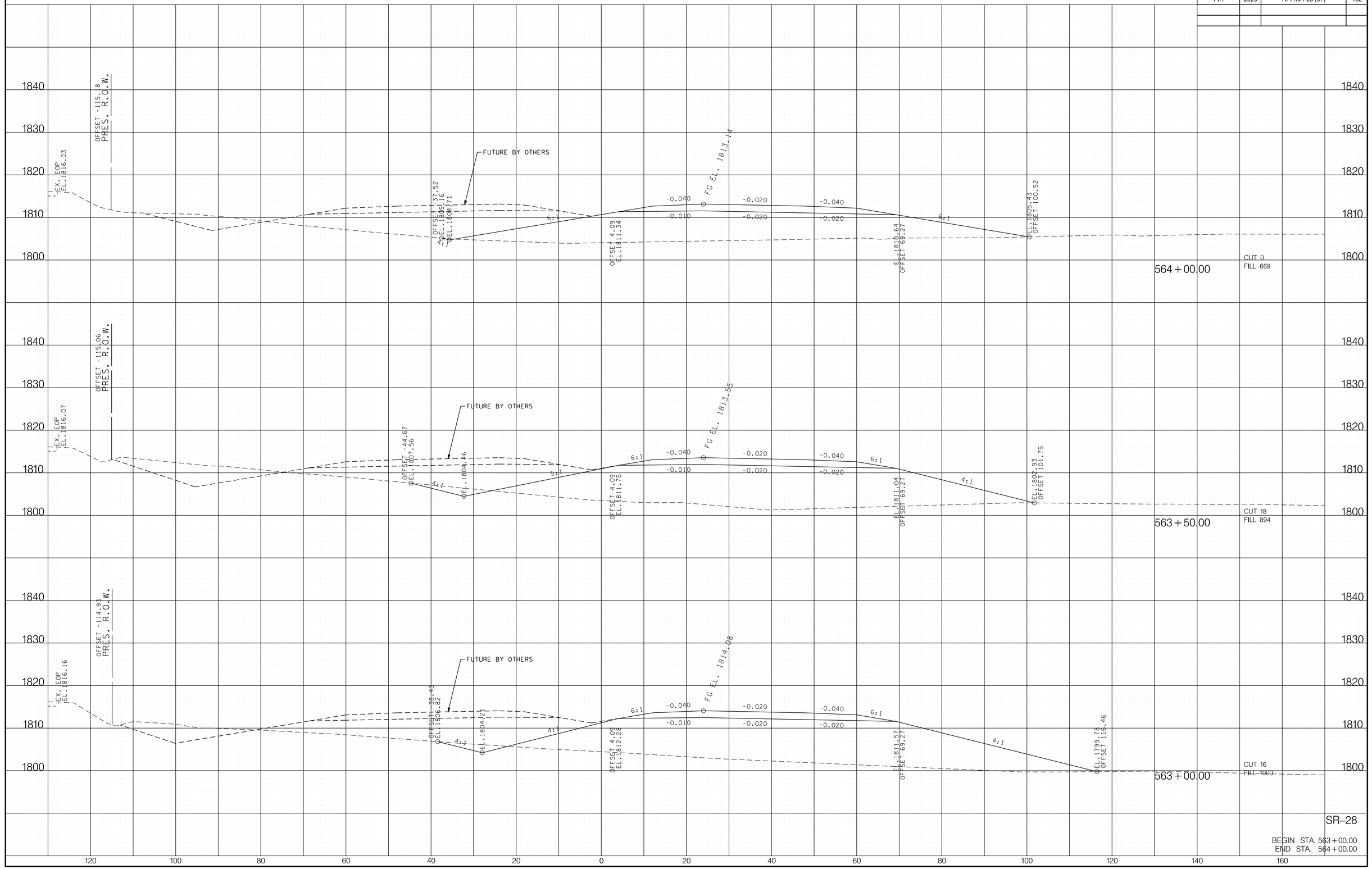


SR-28

BEGIN STA. 561+50.00
END STA. 562+50.00

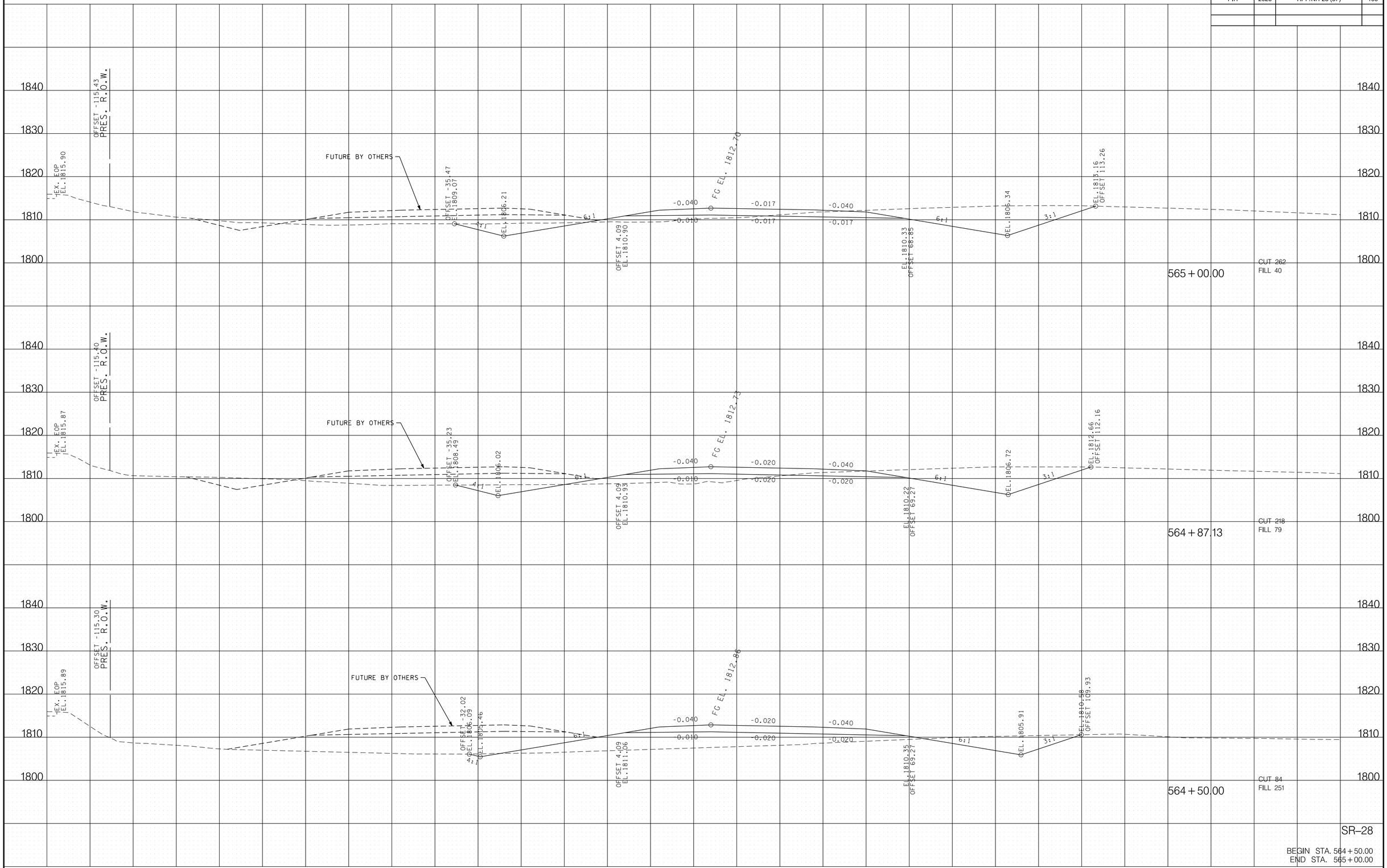
1/30/2026 2:32:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	212
PIH	2025	HPP/NH-28 (37)	102



1/30/2026 2:32:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	213
PIH	2025	HPP/NH-28 (37)	103

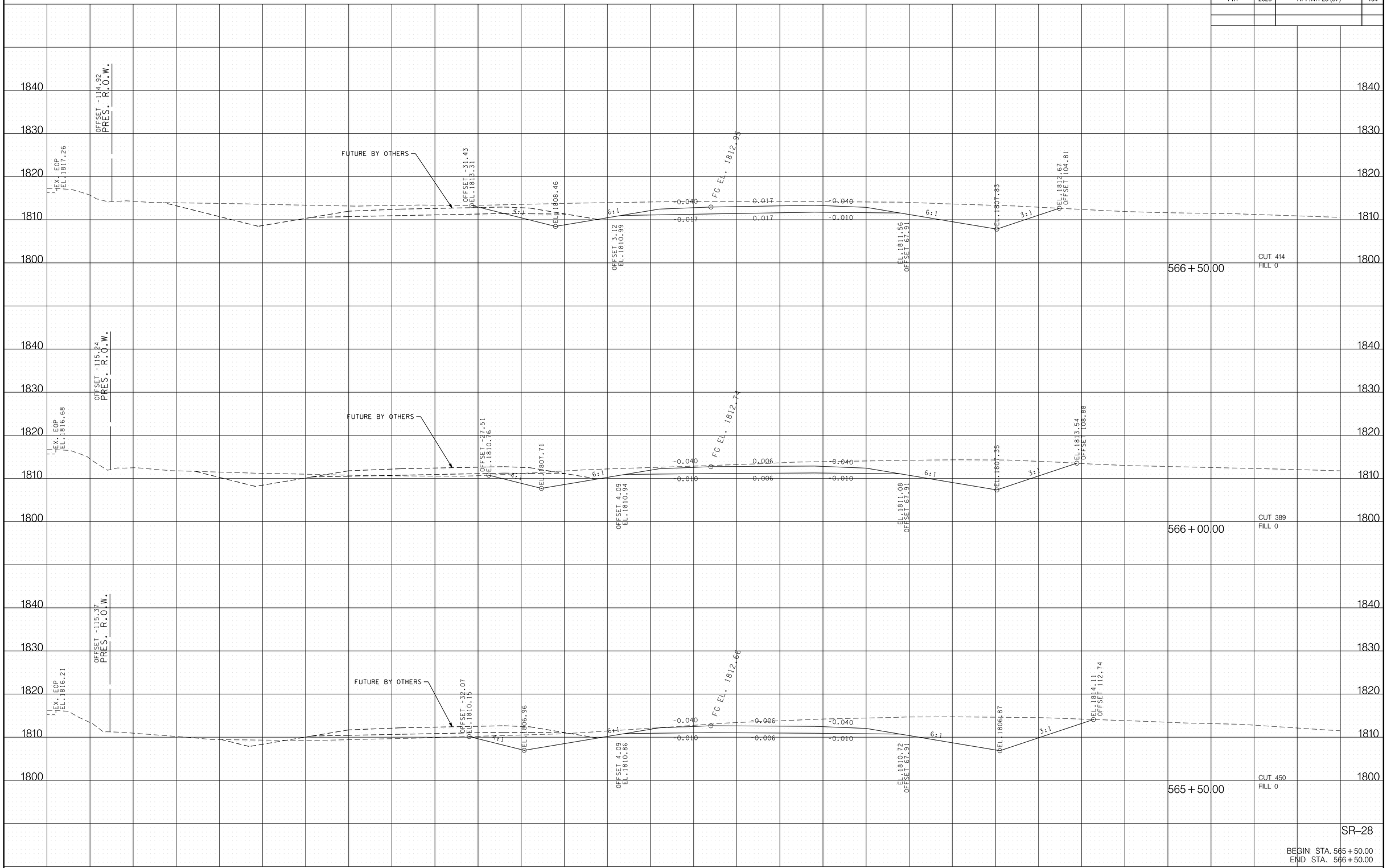


SR–28

BEGIN STA. 564+50.00
END STA. 565+00.00

1/30/2026 2:32:16 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	214
PIH	2025	HPP/NH-28 (37)	104

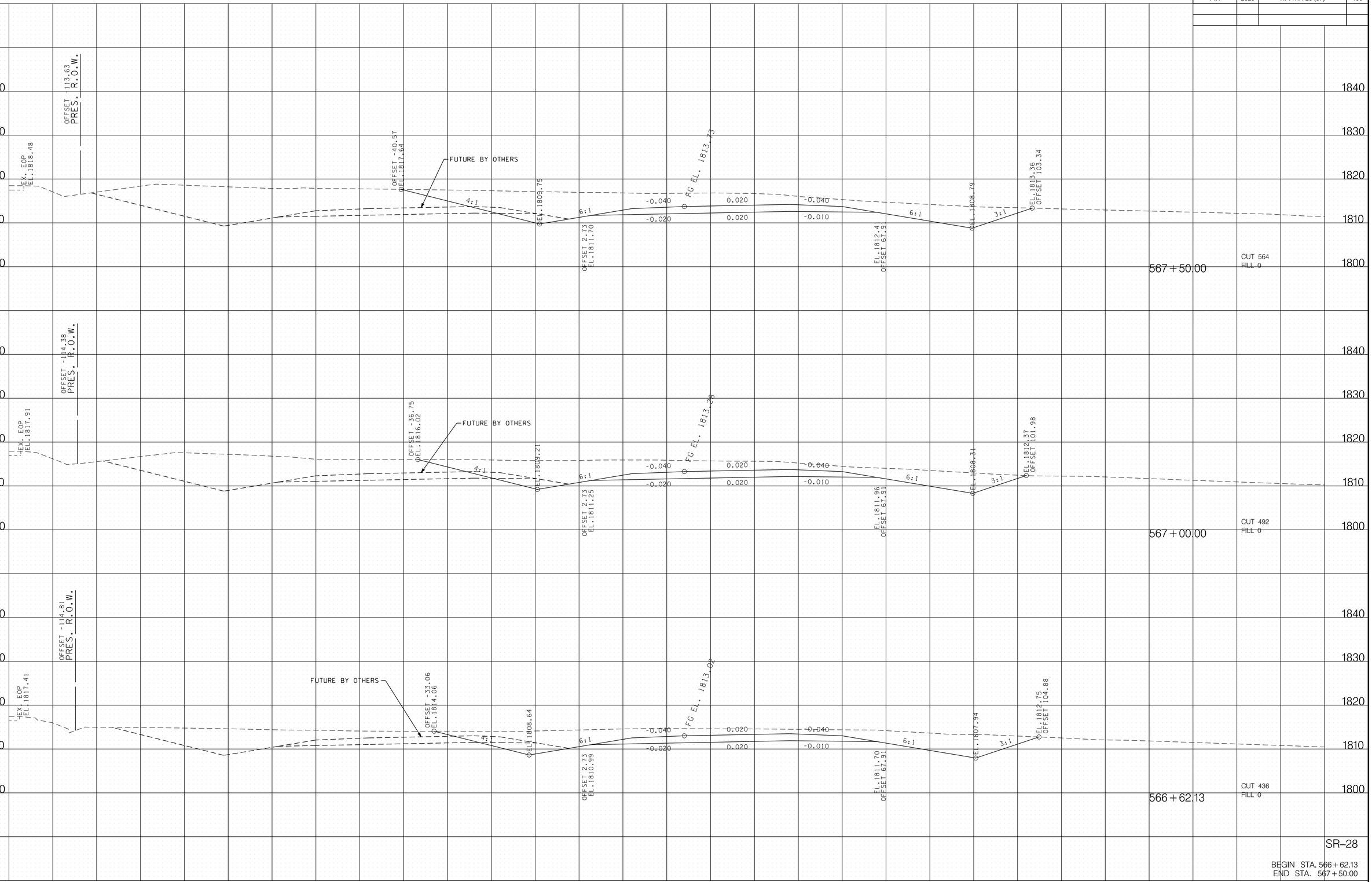


SR–28

BEGIN STA. 565+50.00
END STA. 566+50.00

1/30/2026 2:32:19 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	215
PIH	2025	HPP/NH-28 (37)	100

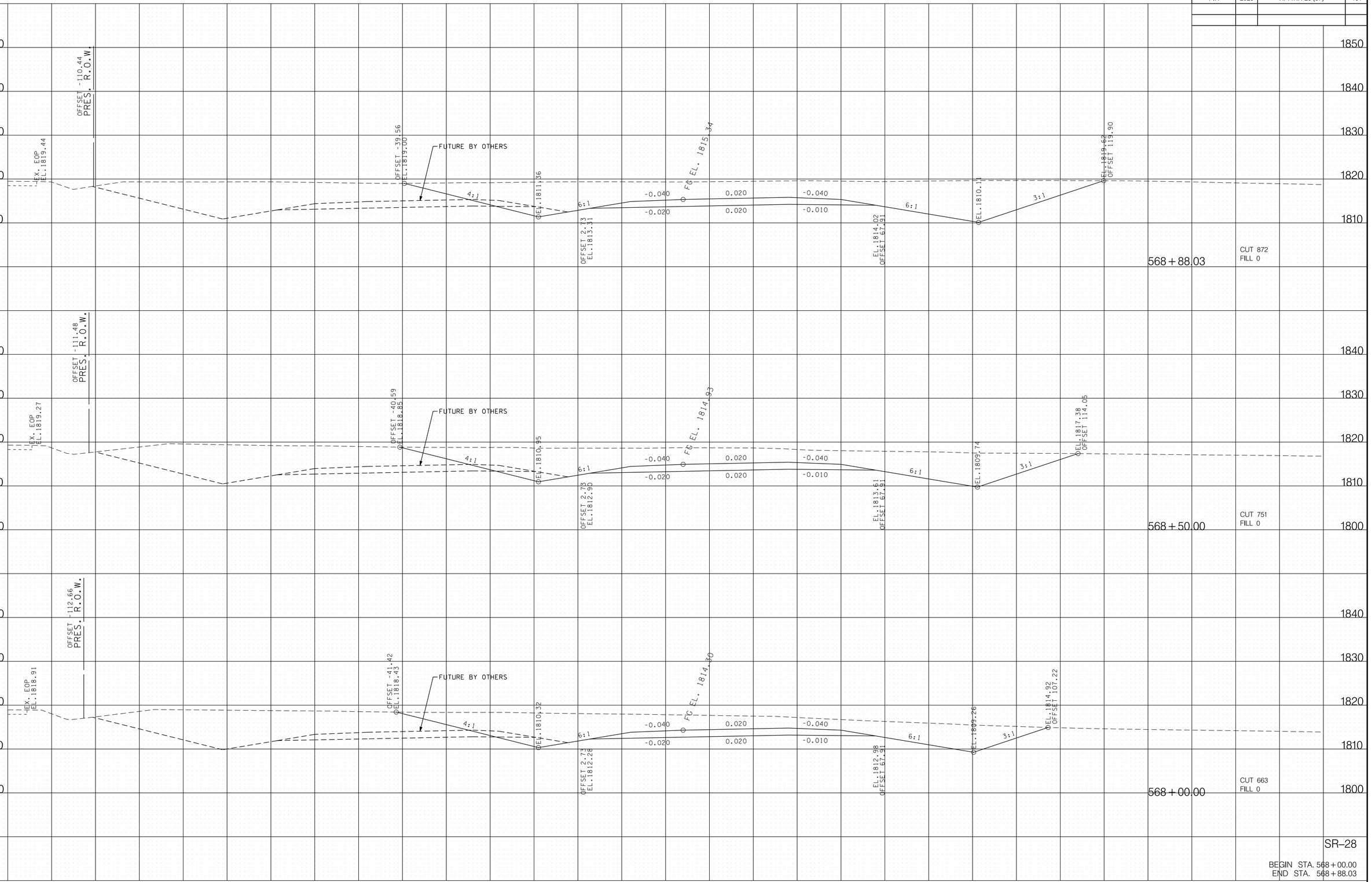


SR–28

BEGIN STA. 566+62.13
END STA. 567+50.00

1/30/2026 2:32:22 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	216
PIH	2025	HPP/NH-28 (37)	101

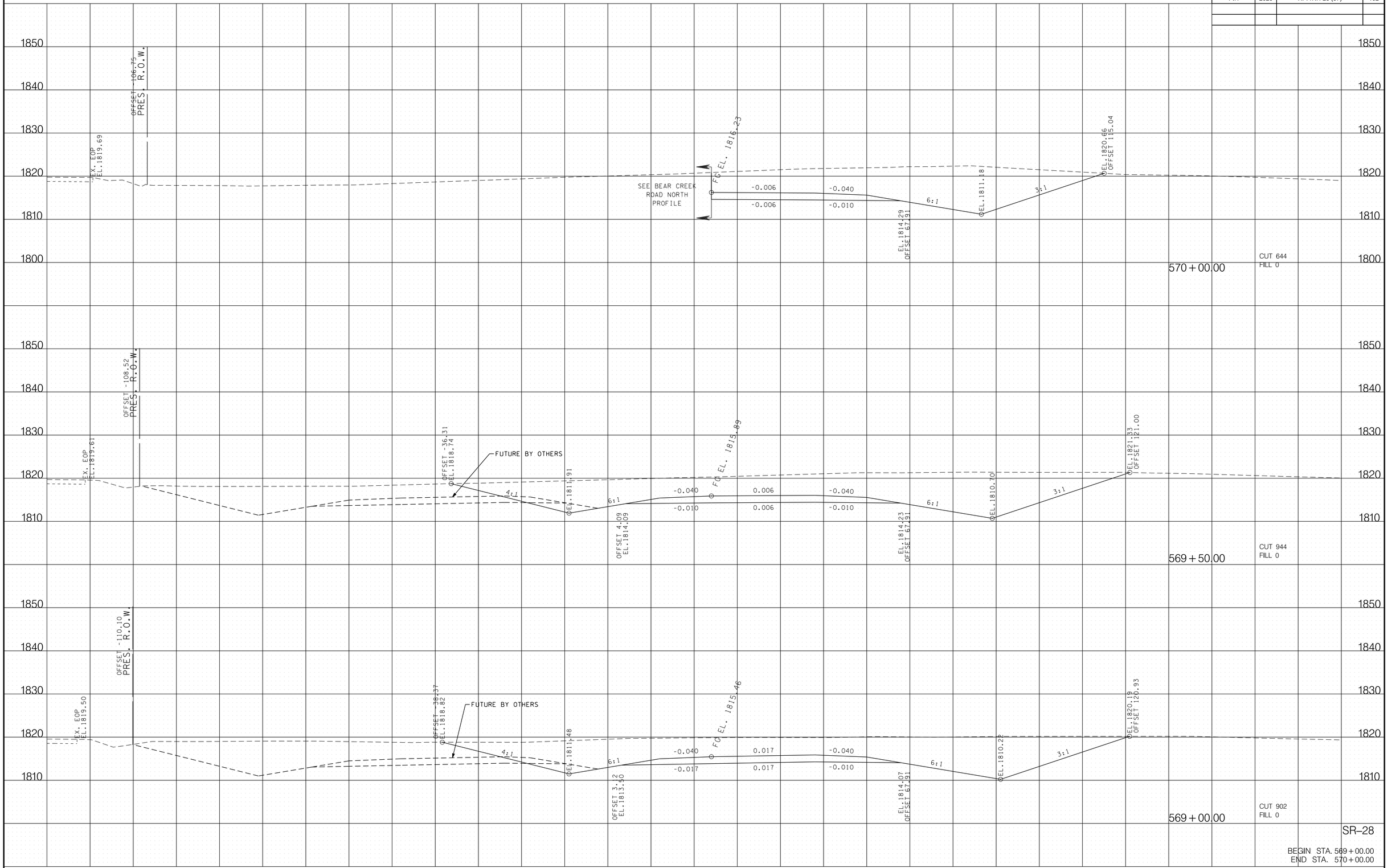


SR–28

BEGIN STA. 568+00.00
END STA. 568+88.03

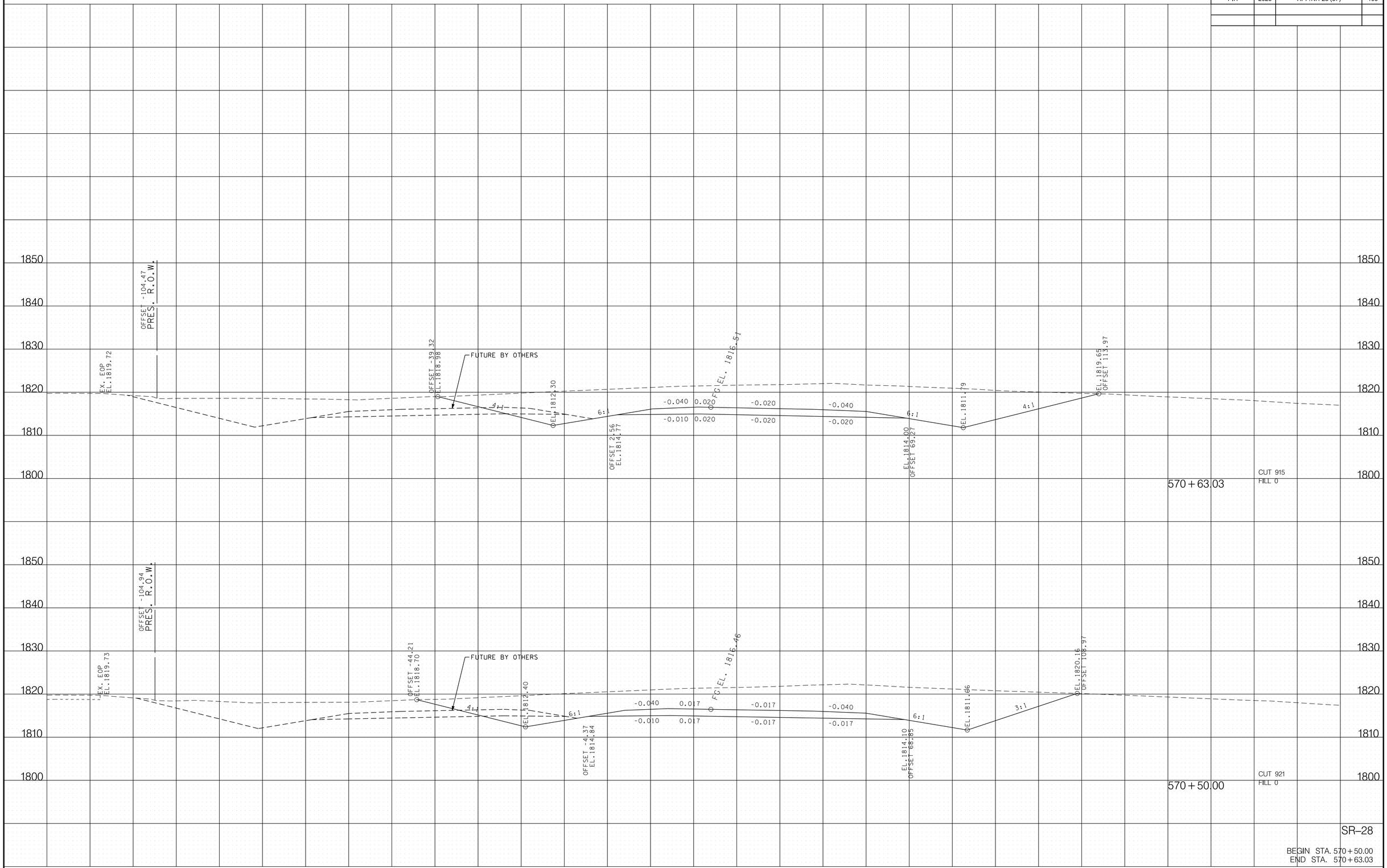
1/30/2026 2:32:24 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	217
PIH	2025	HPP/NH-28 (37)	102



1/30/2026 2:32:27 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	218
PIH	2025	HPP/NH-28 (37)	103

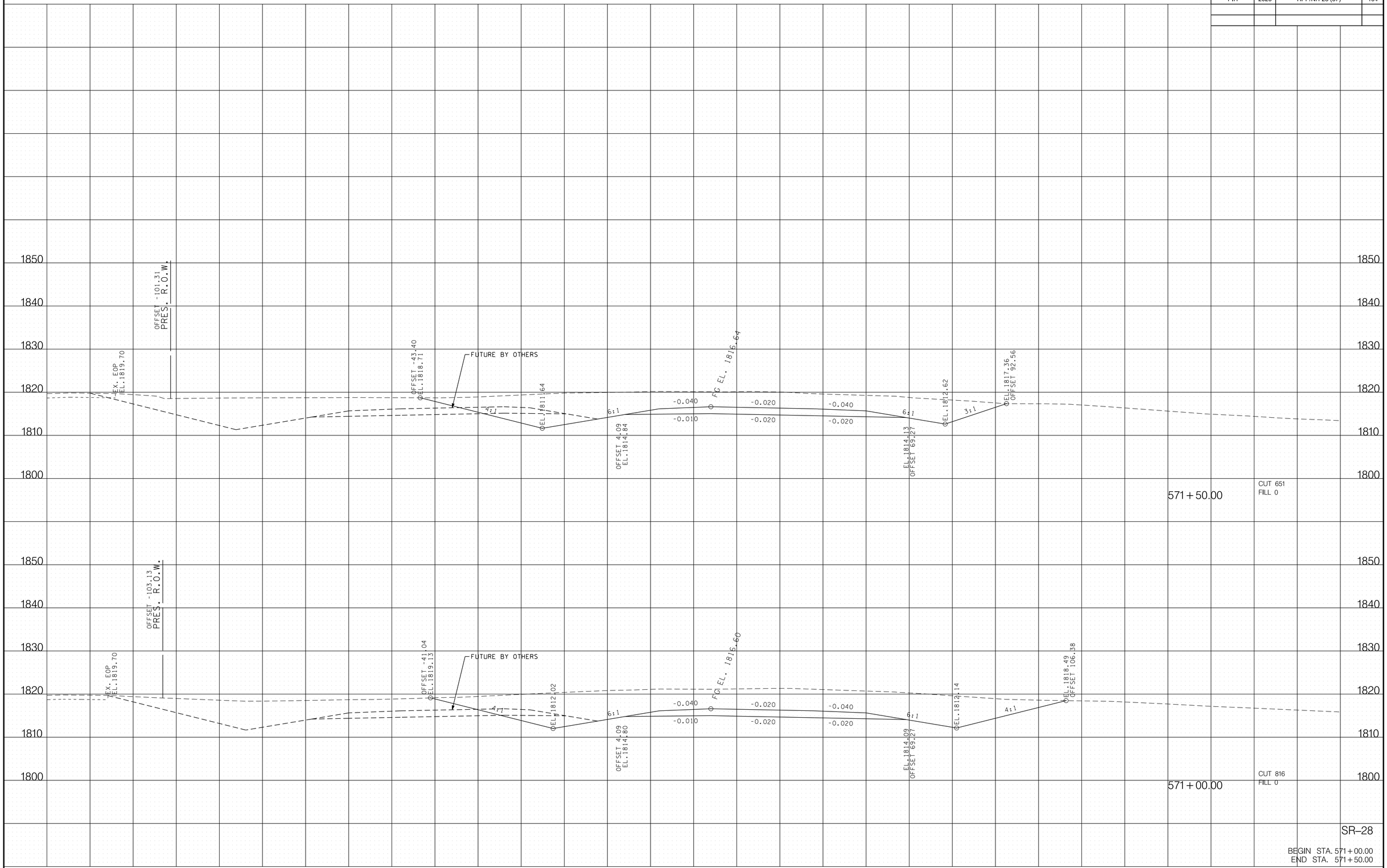


SR-28

BEGIN STA. 570+50.00
END STA. 570+63.03

1/30/2026 2:32:30 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	219
PIH	2025	HPP/NH-28 (37)	104

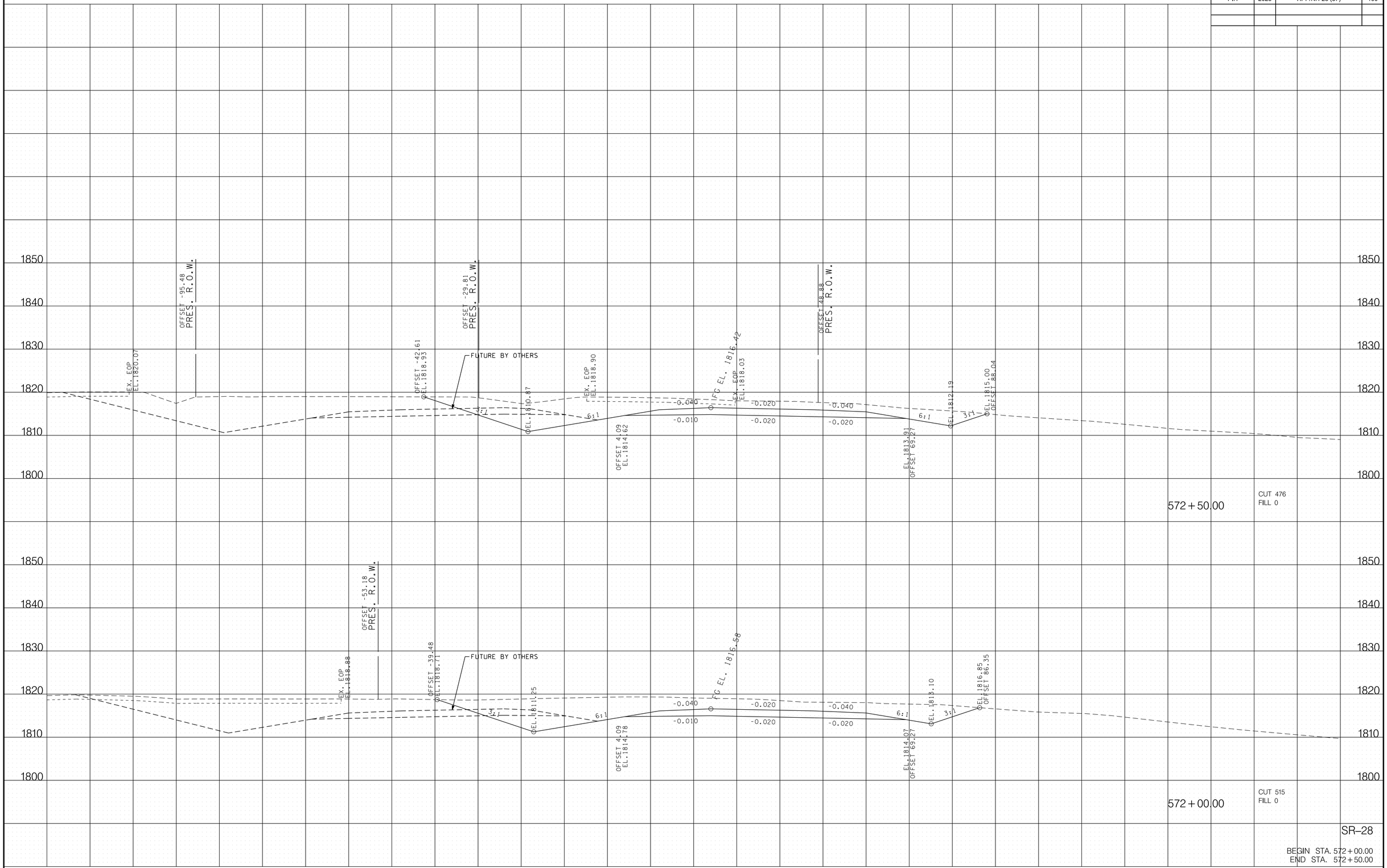


SR-28

BEGIN STA. 571+00.00
END STA. 571+50.00

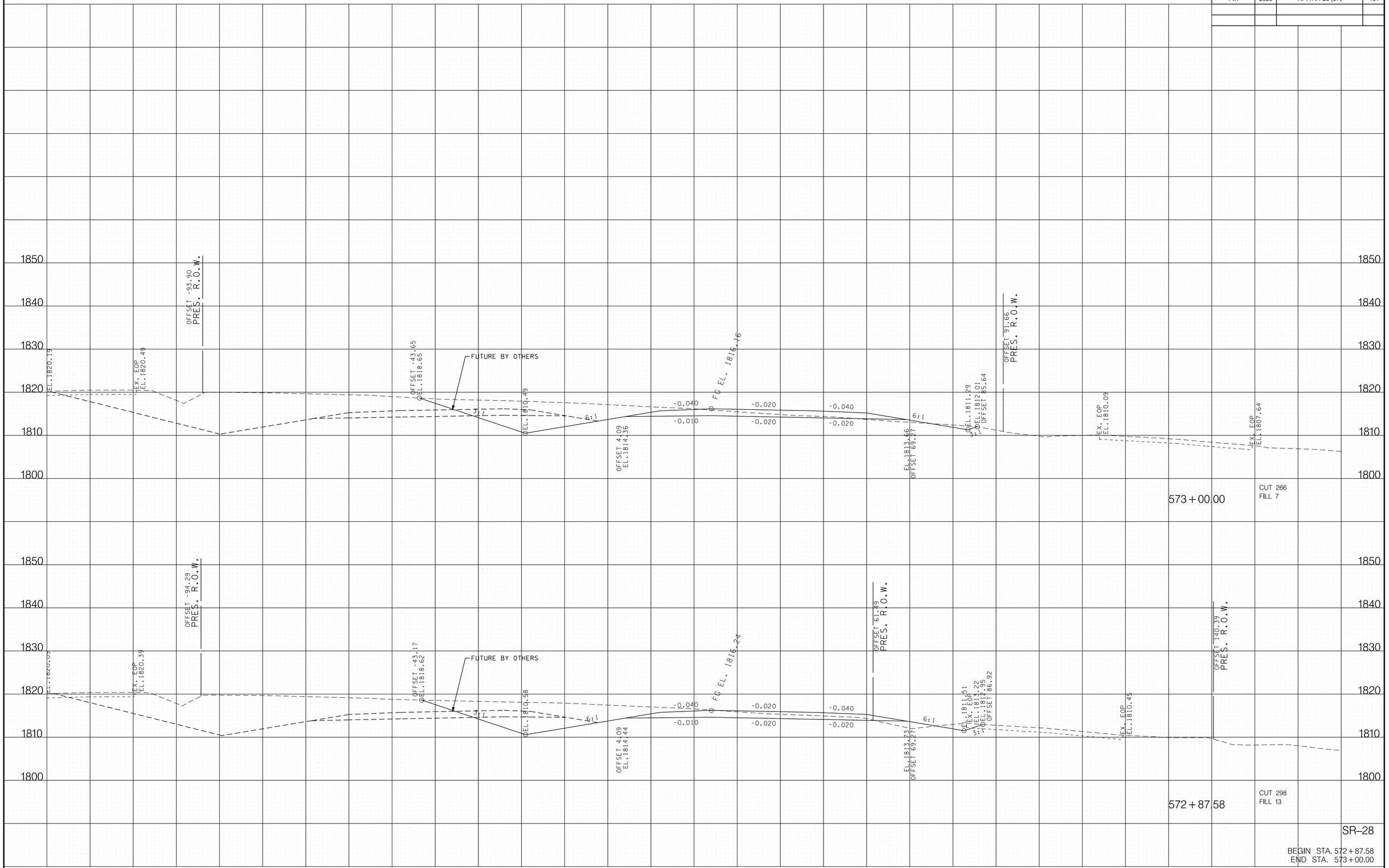
1/30/2026 2:32:33 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	220
PIH	2025	HPP/NH-28 (37)	100



1/30/2026 2:32:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	221
PIH	2025	HPP/NH-28 (37)	101

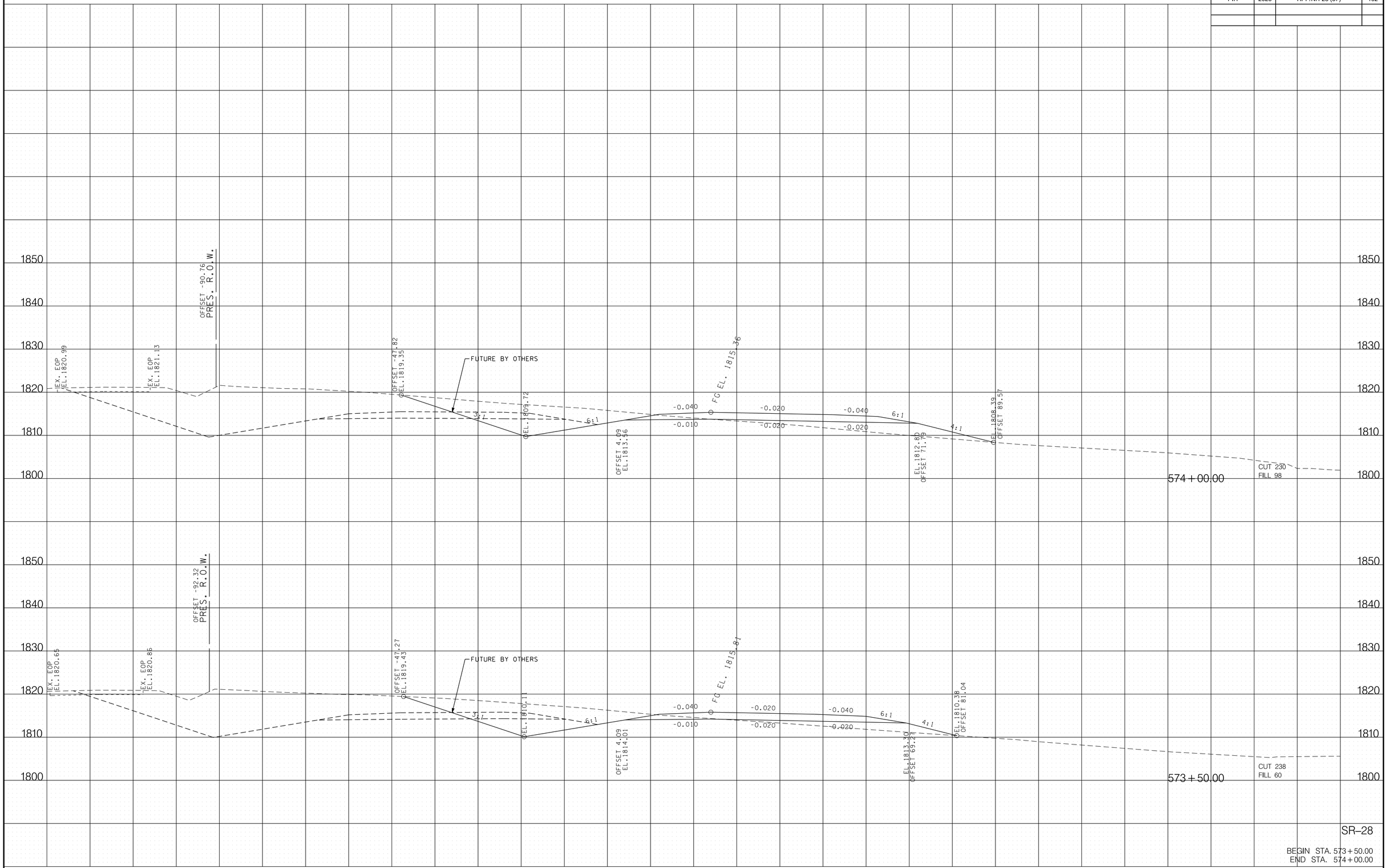


SR-28

BEGIN STA. 572+87.58
END STA. 573+00.00

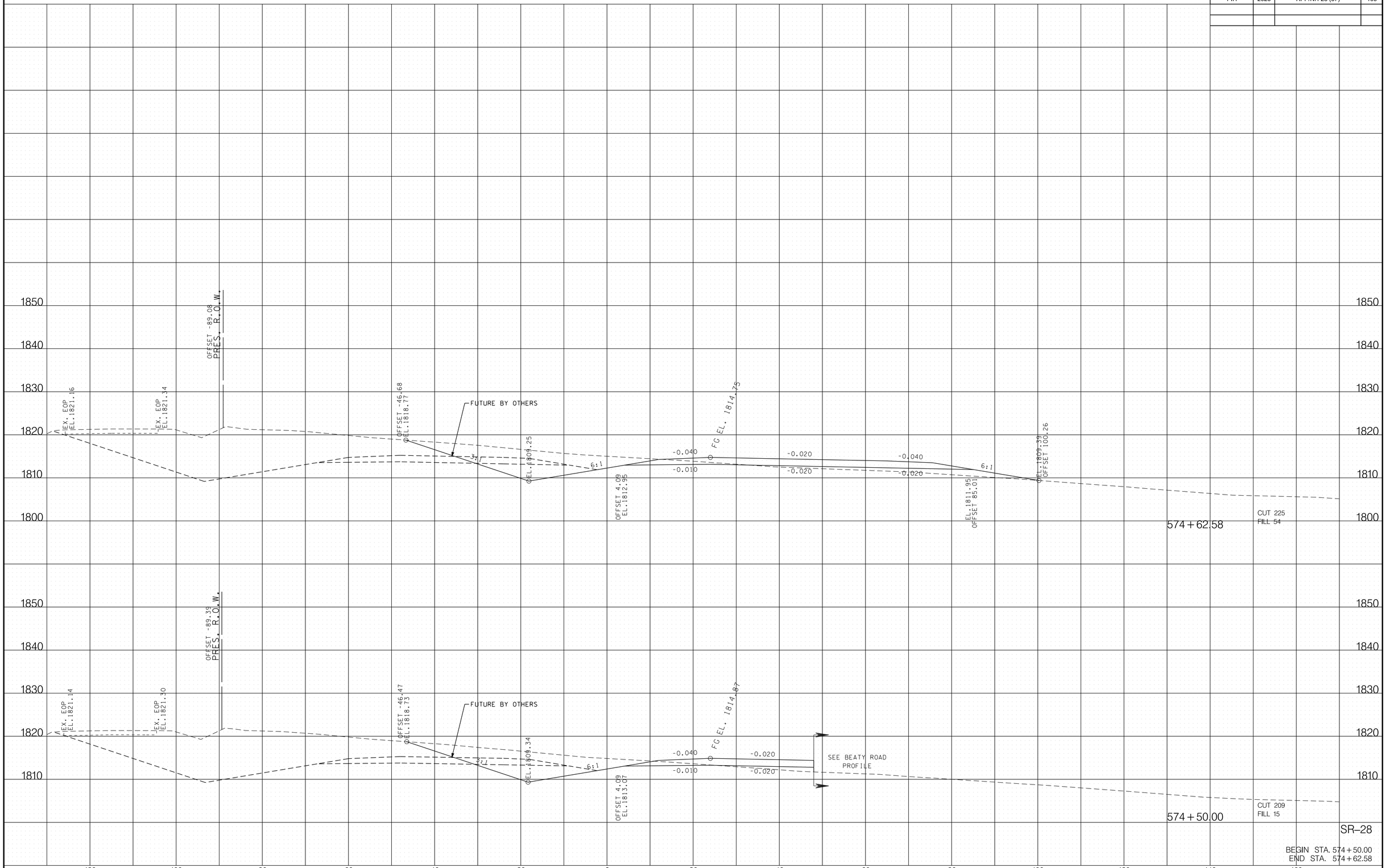
1/30/2026 2:32:39 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	222
PIH	2025	HPP/NH-28 (37)	102



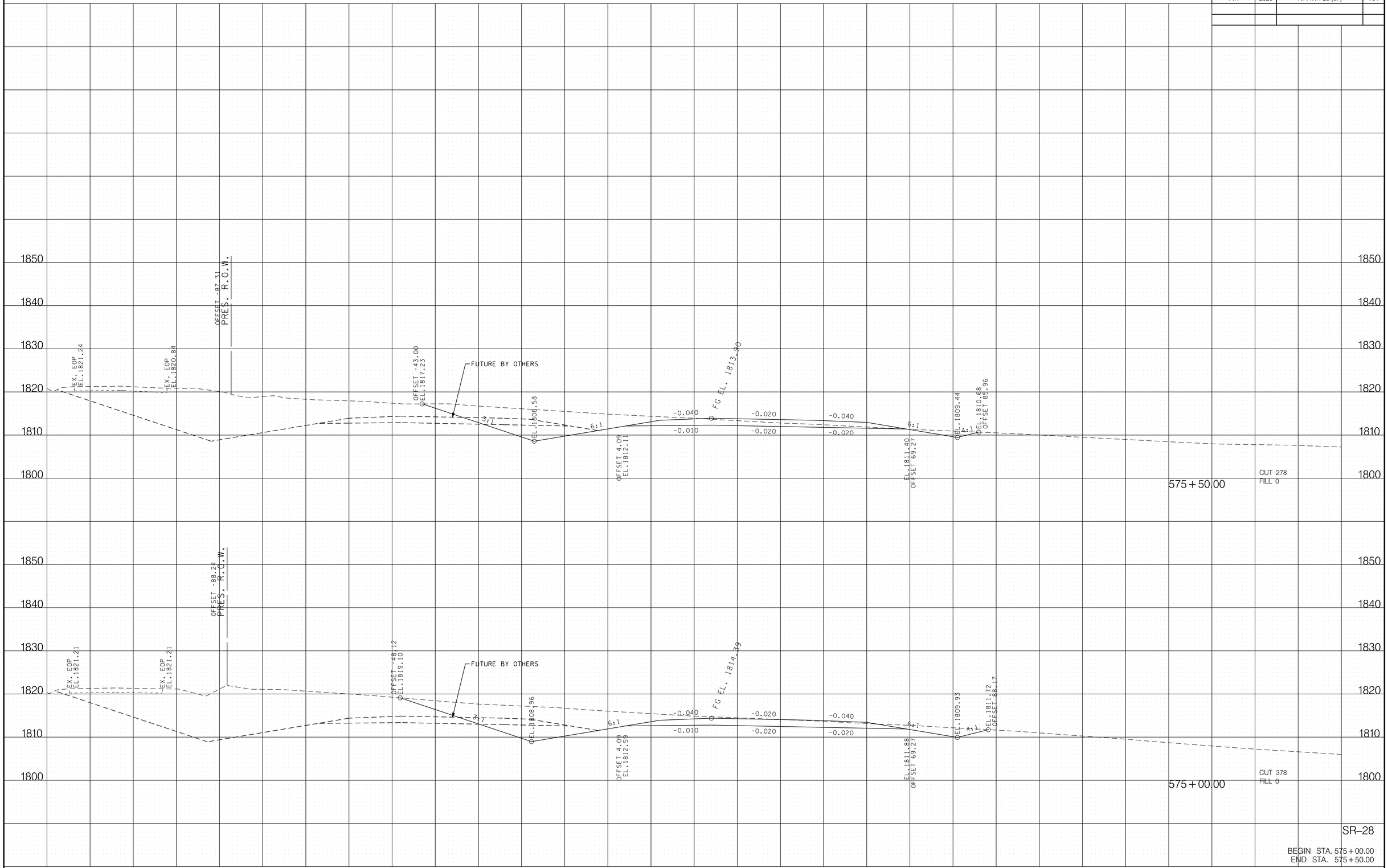
1/30/2026 2:32:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	223
PIH	2025	HPP/NH-28 (37)	103



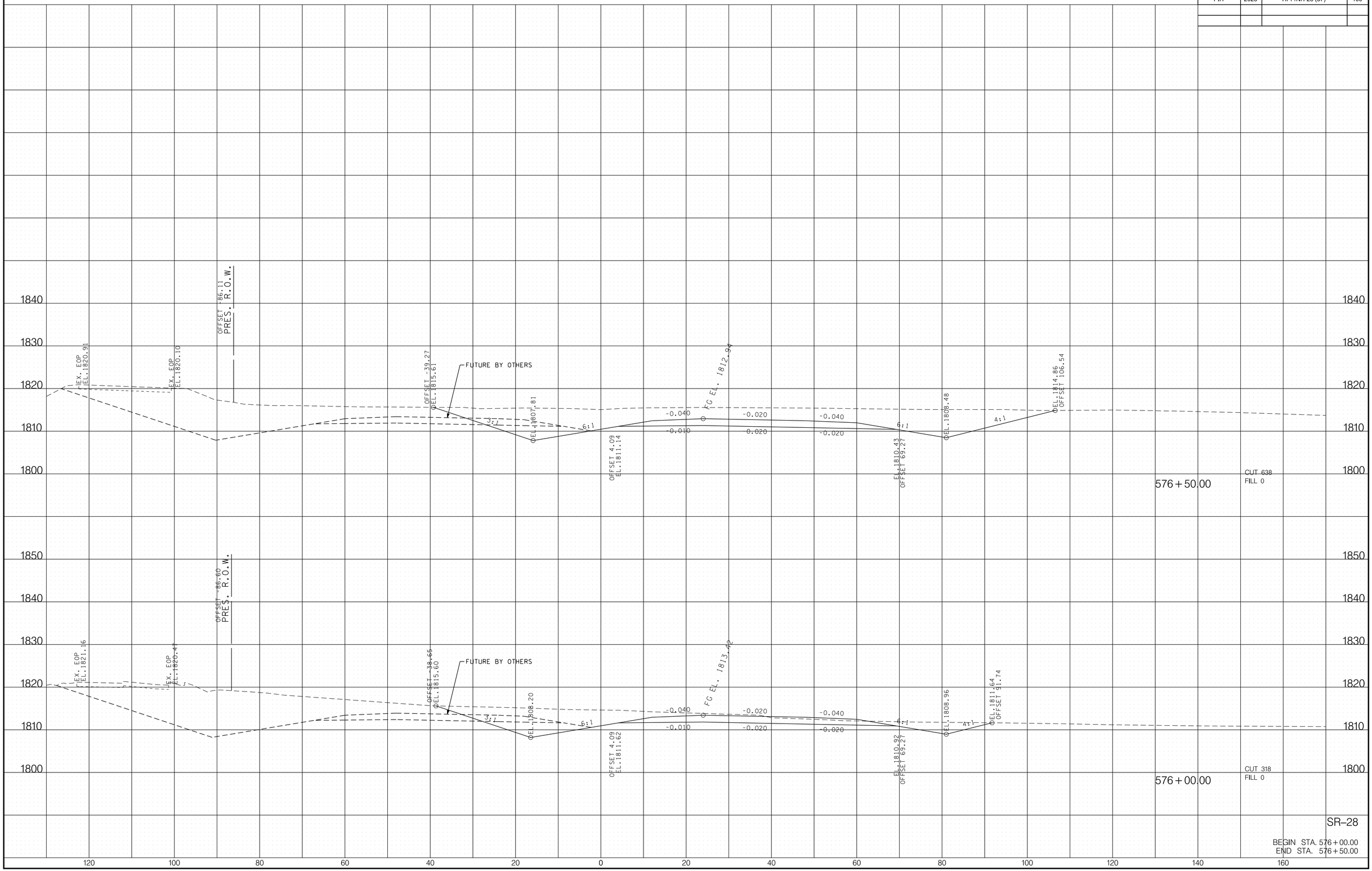
1/30/2026 2:32:44 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	224
PIH	2025	HPP/NH-28 (37)	104



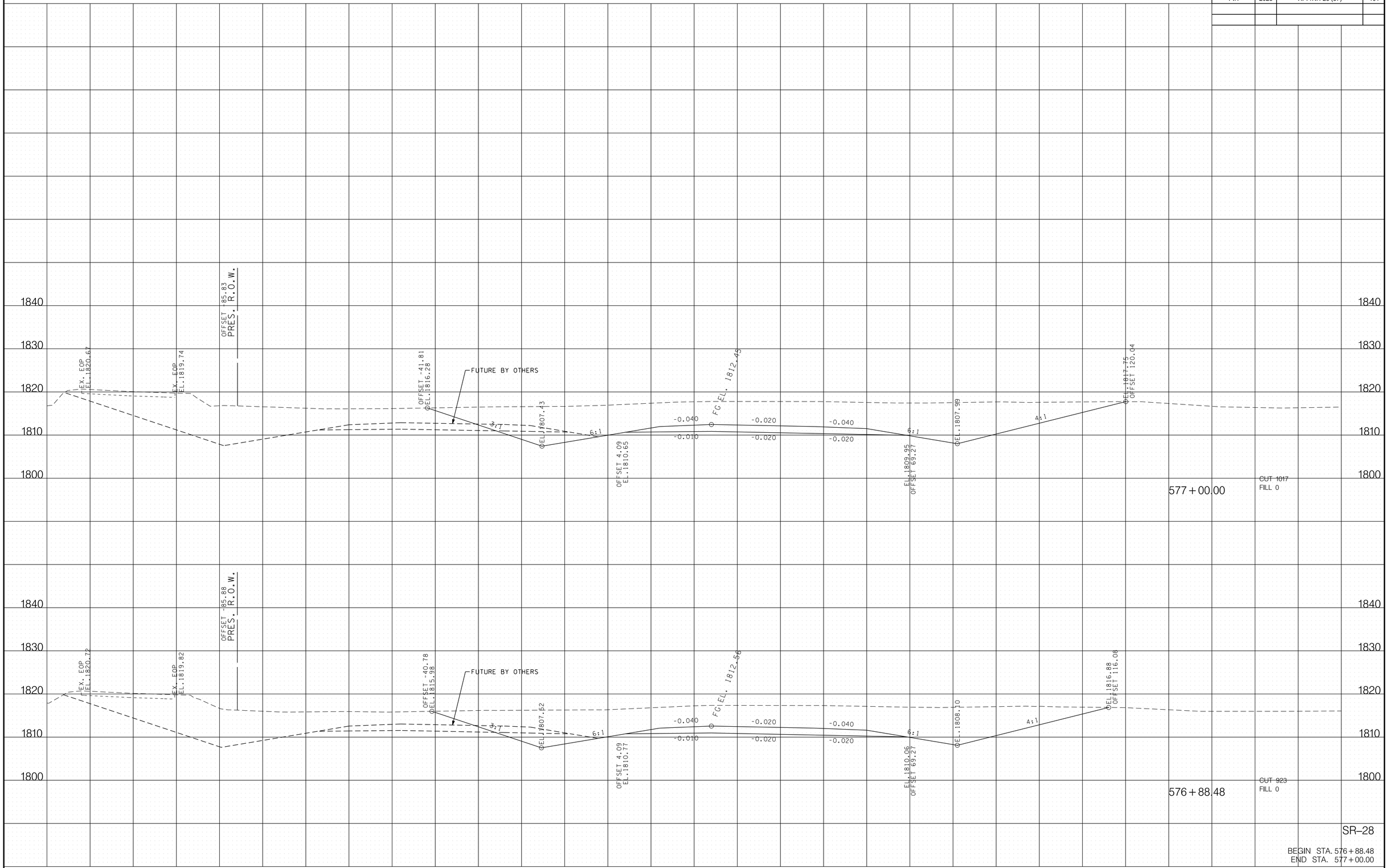
1/30/2026 2:32:47 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	225
PIH	2025	HPP/NH-28 (37)	100



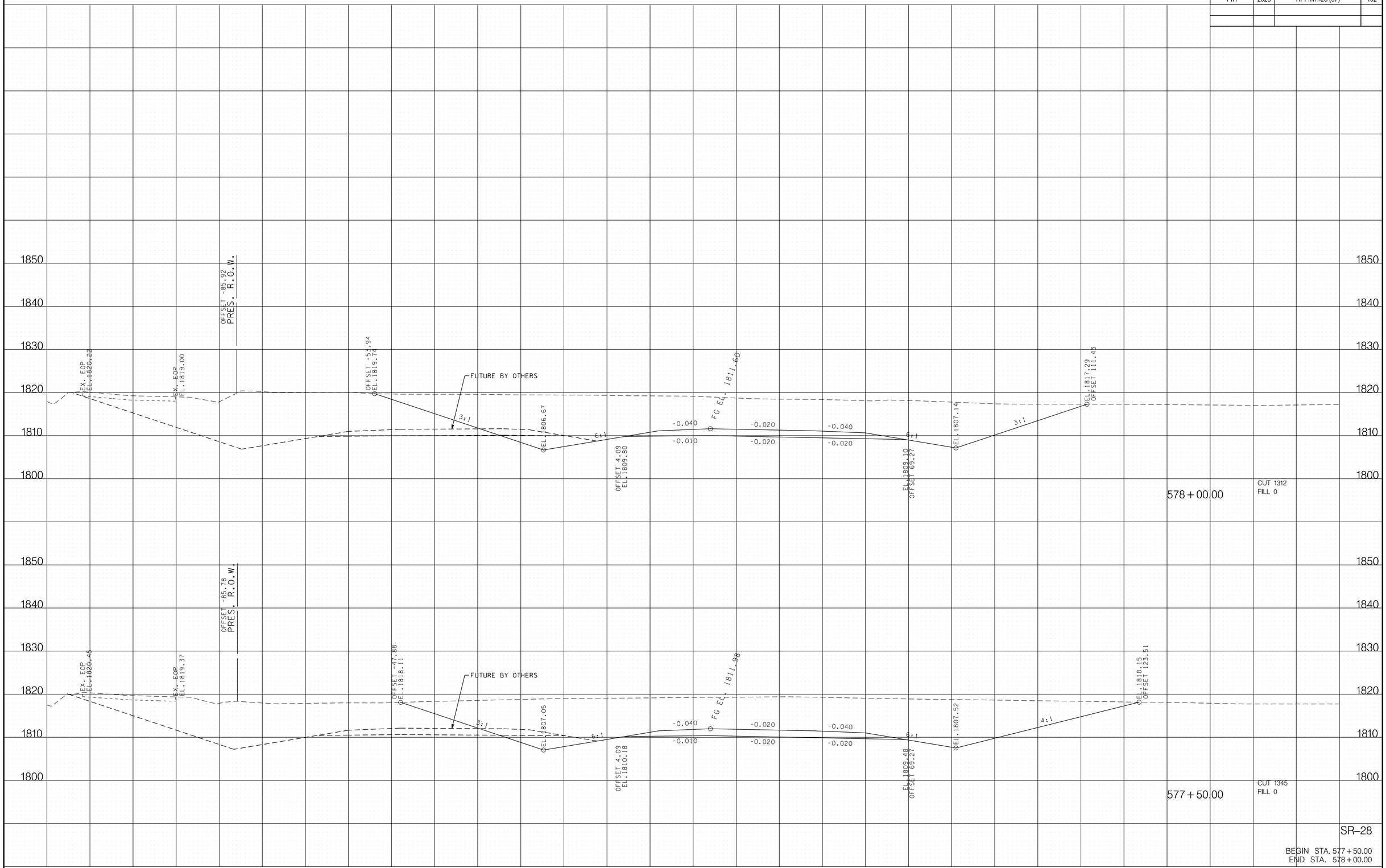
1/30/2026 2:32:50 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	226
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:32:52 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	227
PIH	2025	HPP/NH-28 (37)	102

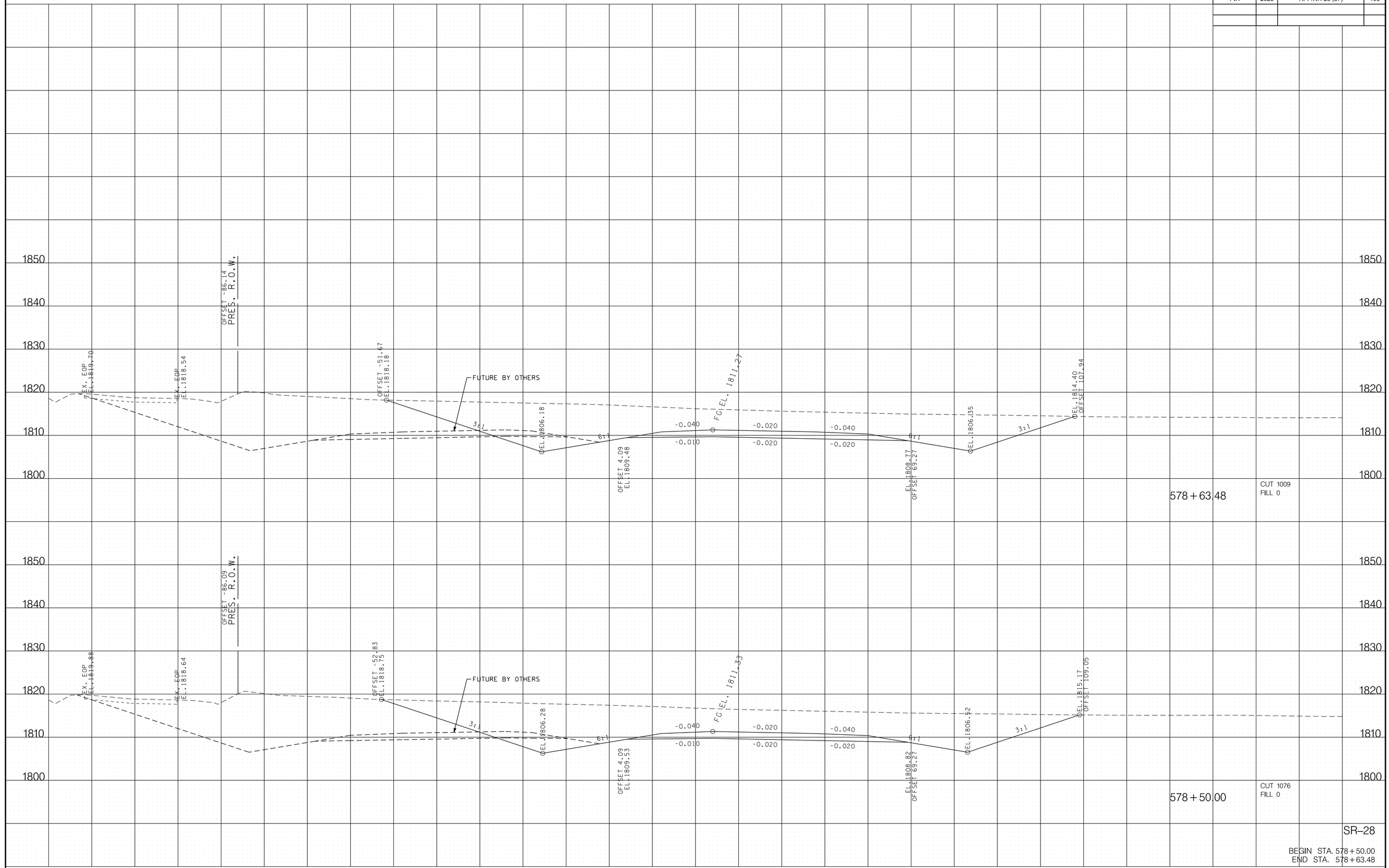


SR–28

BEGIN STA. 577+50.00
END STA. 578+00.00

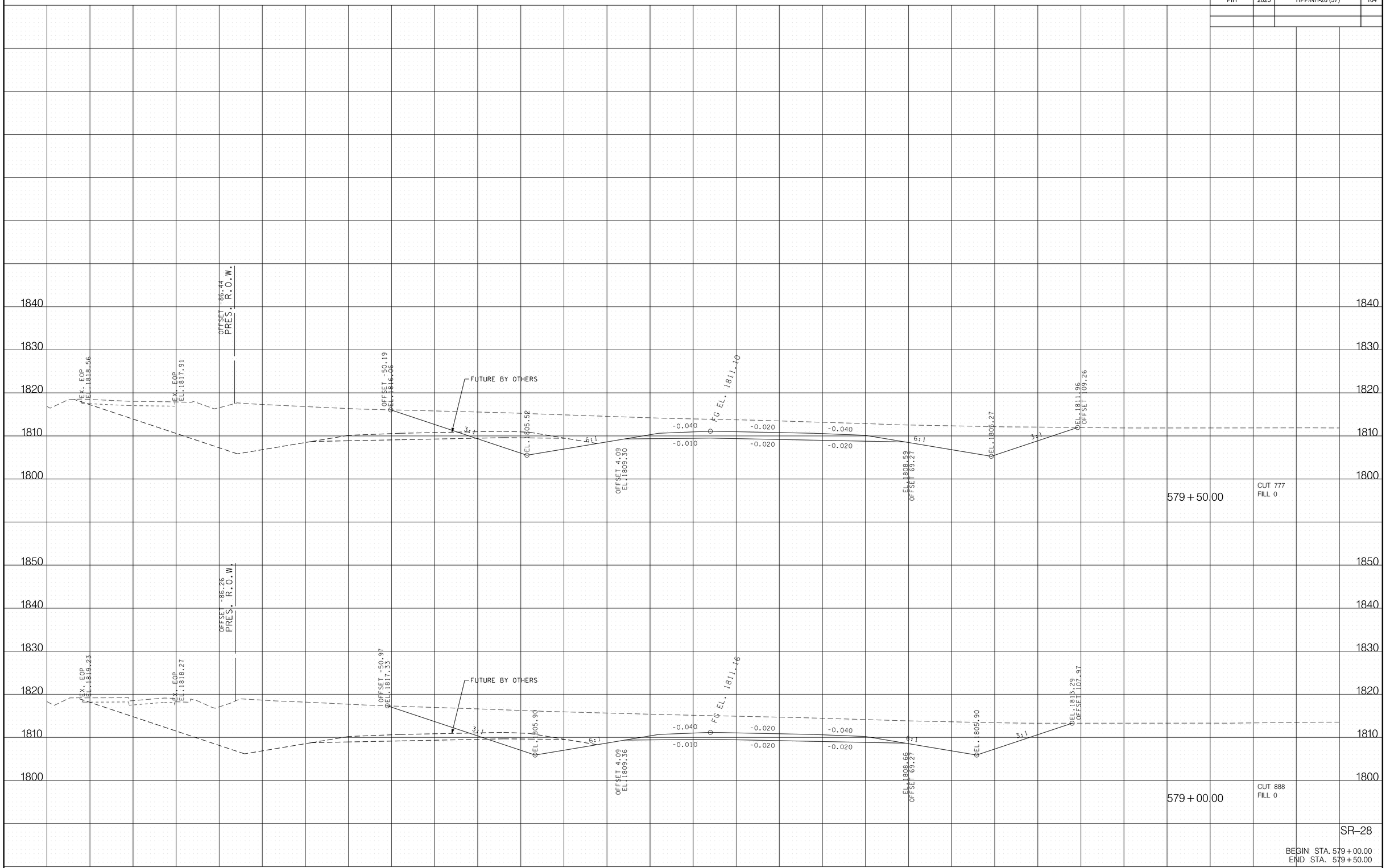
1/30/2026 2:32:55 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	228
PIH	2025	HPP/NH-28 (37)	103



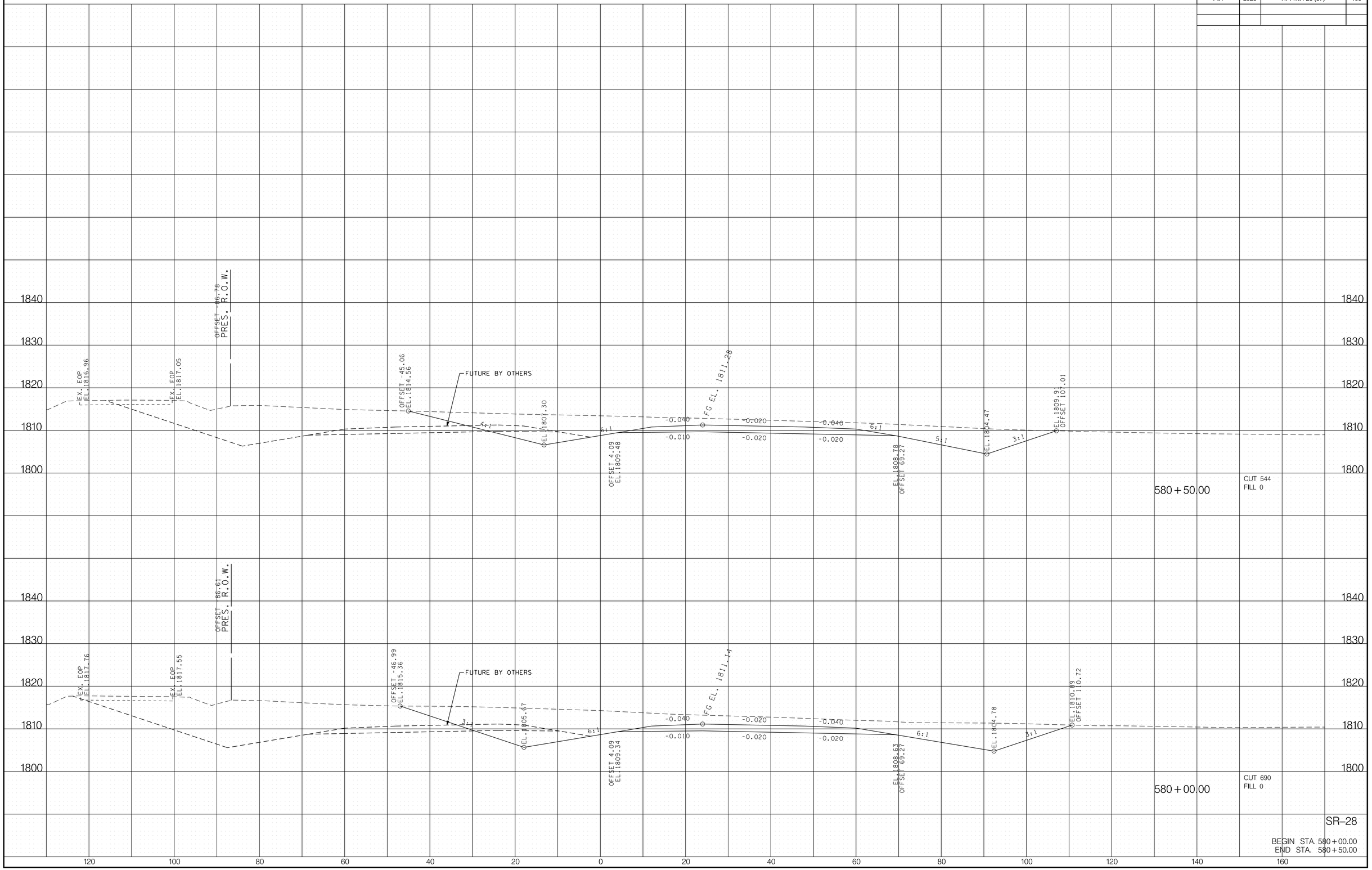
1/30/2026 2:32:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	229
PIH	2025	HPP/NH-28 (37)	104



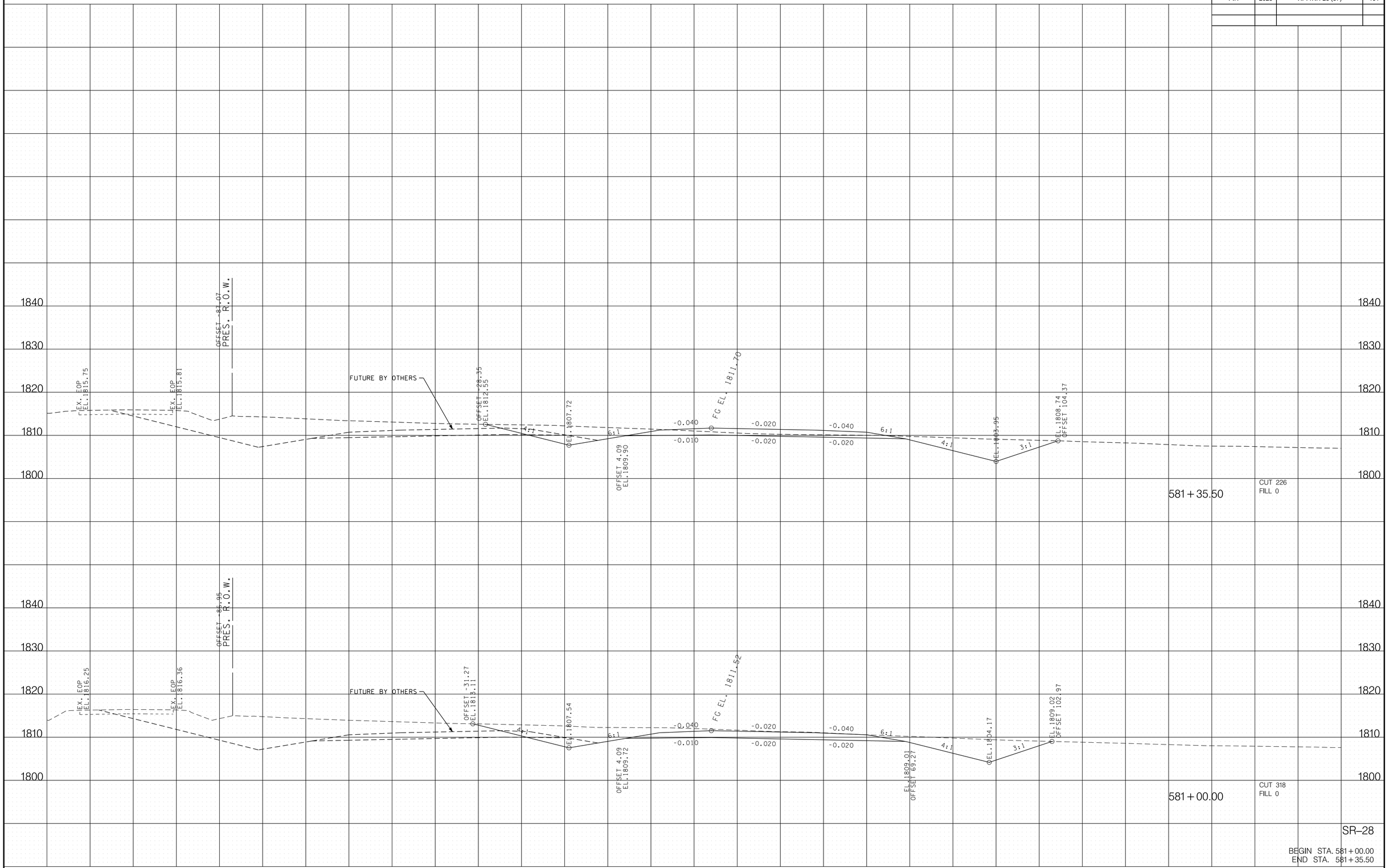
1/30/2026 2:33:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	230
PIH	2025	HPP/NH-28 (37)	100



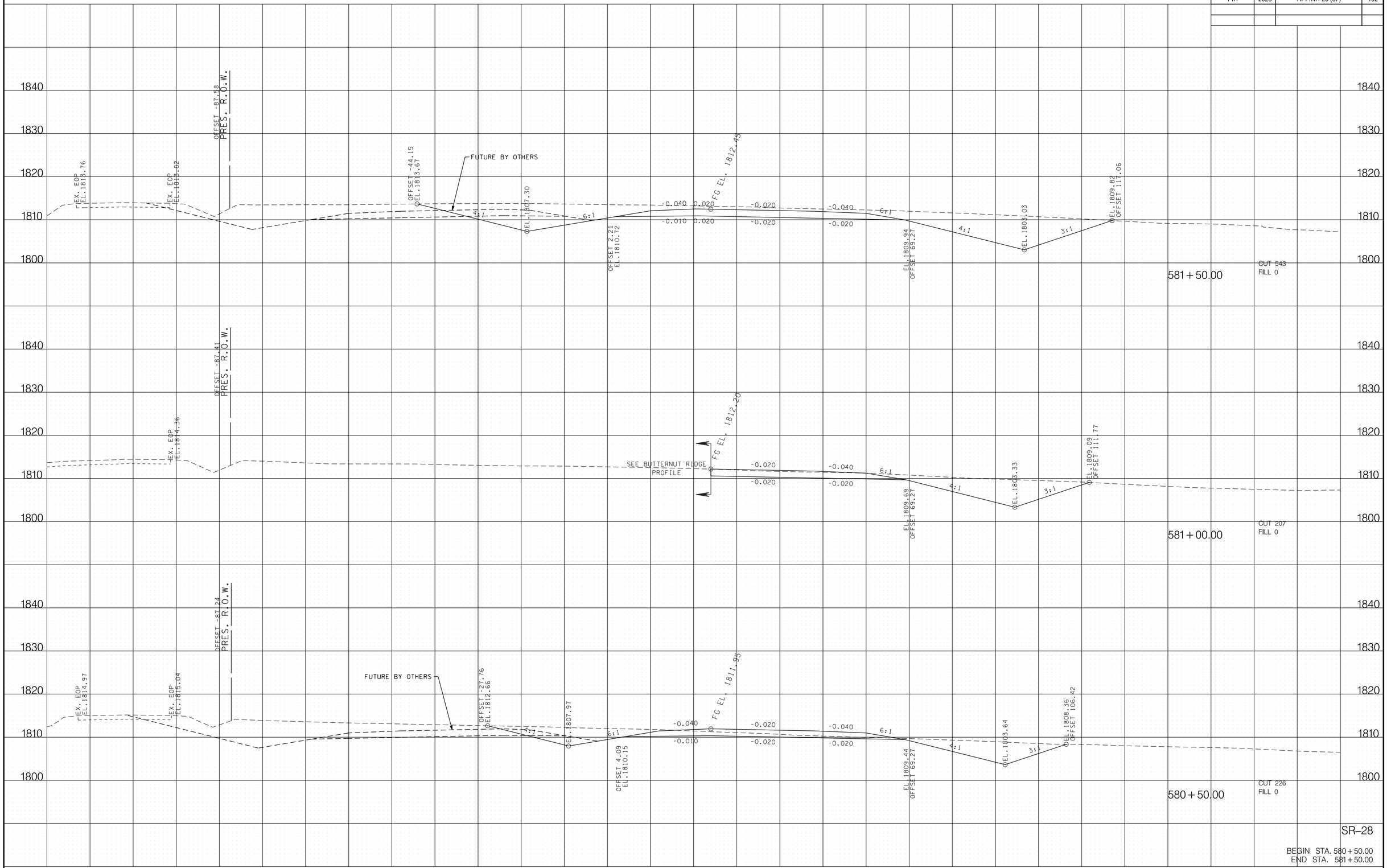
1/30/2026 2:33:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	231
PIH	2025	HPP/NH-28 (37)	101



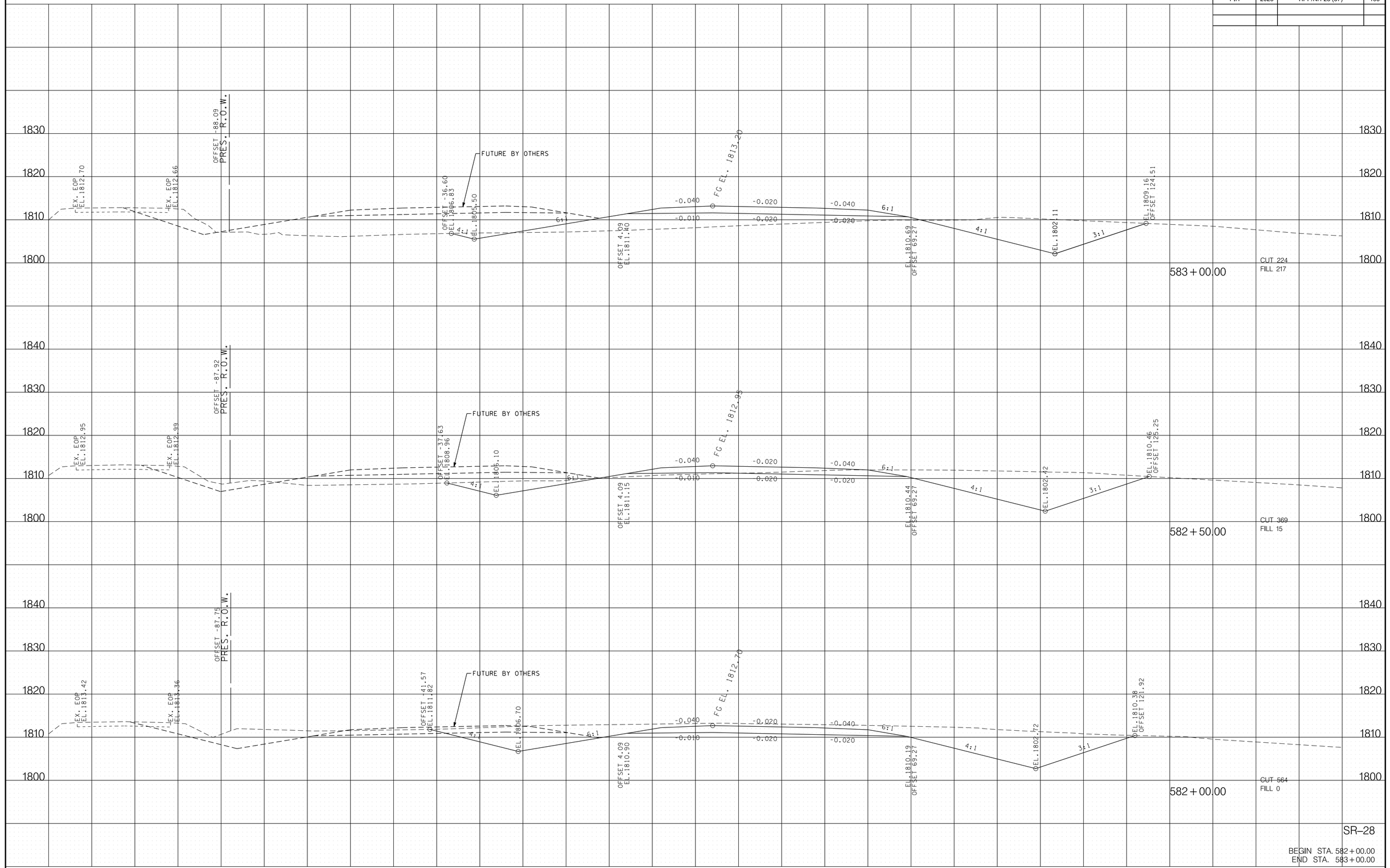
1/30/2026 2:33:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	232
PIH	2025	HPP/NH-28 (37)	102



1/30/2026 2:33:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	233
PIH	2025	HPP/NH-28 (37)	103

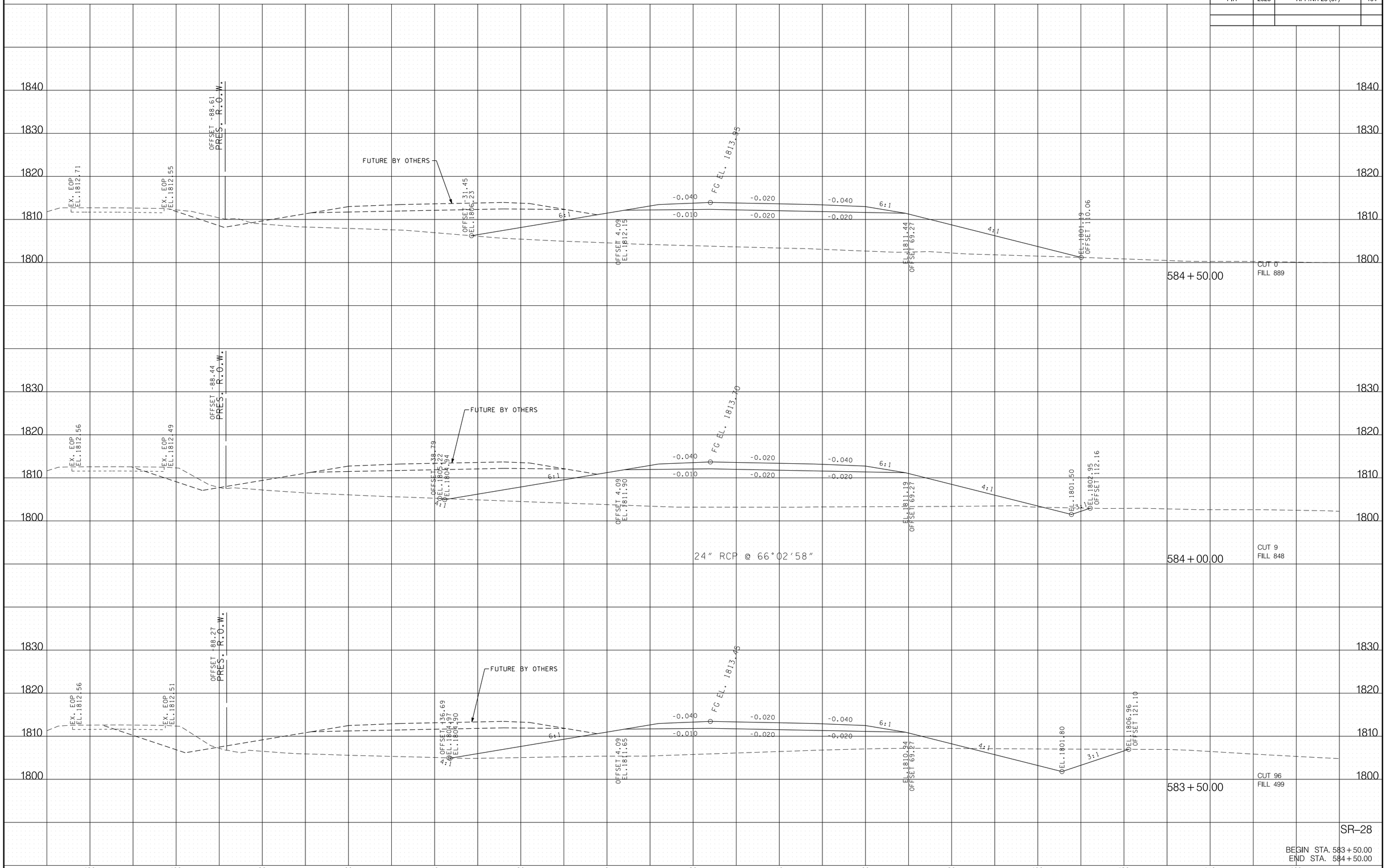


SR–28

BEGIN STA. 582+00.00
END STA. 583+00.00

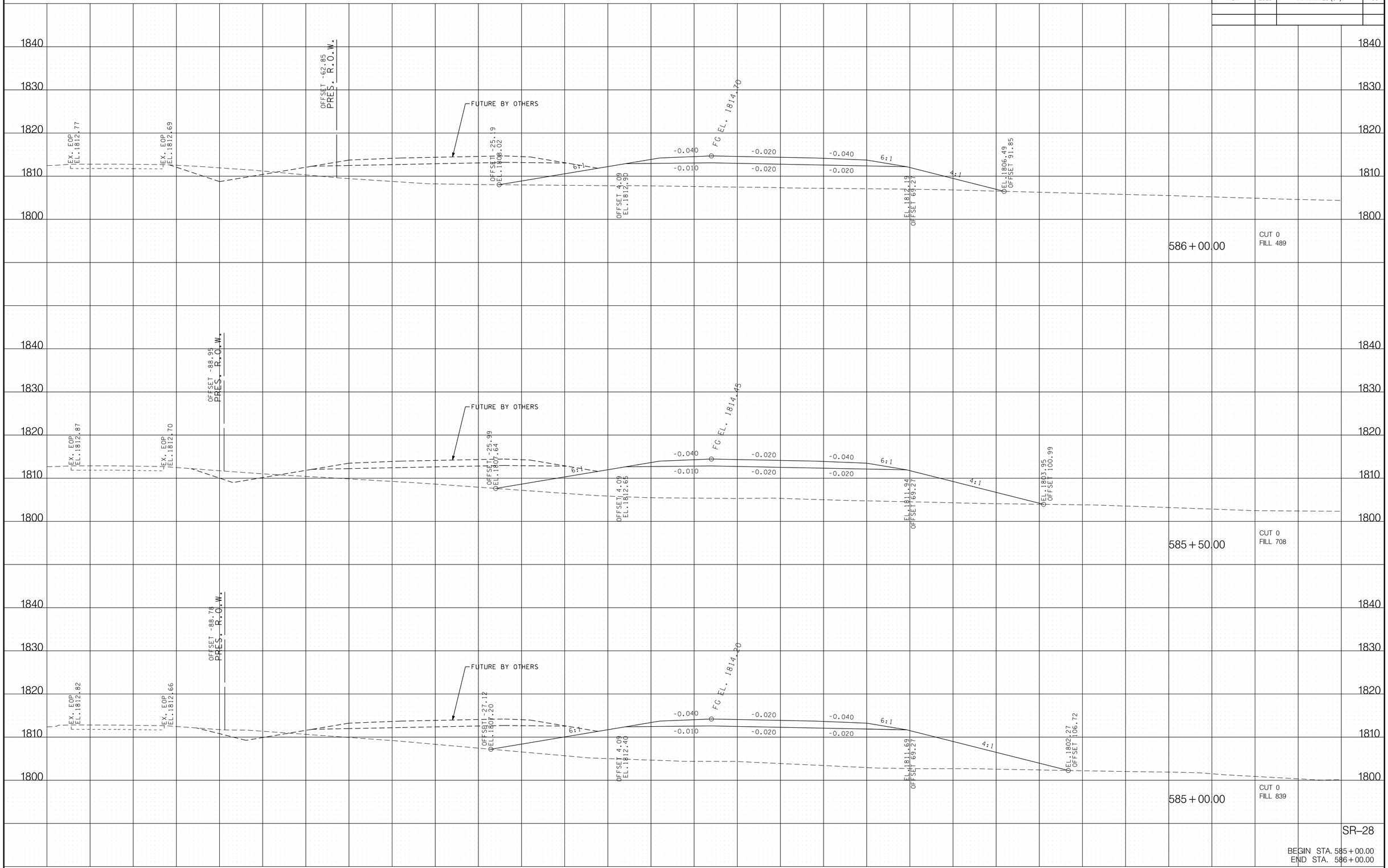
1/30/2026 2:33:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	234
PIH	2025	HPP/NH-28 (37)	104



1/30/2026 2:33:16 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	235
PIH	2025	HPP/NH-28 (37)	100

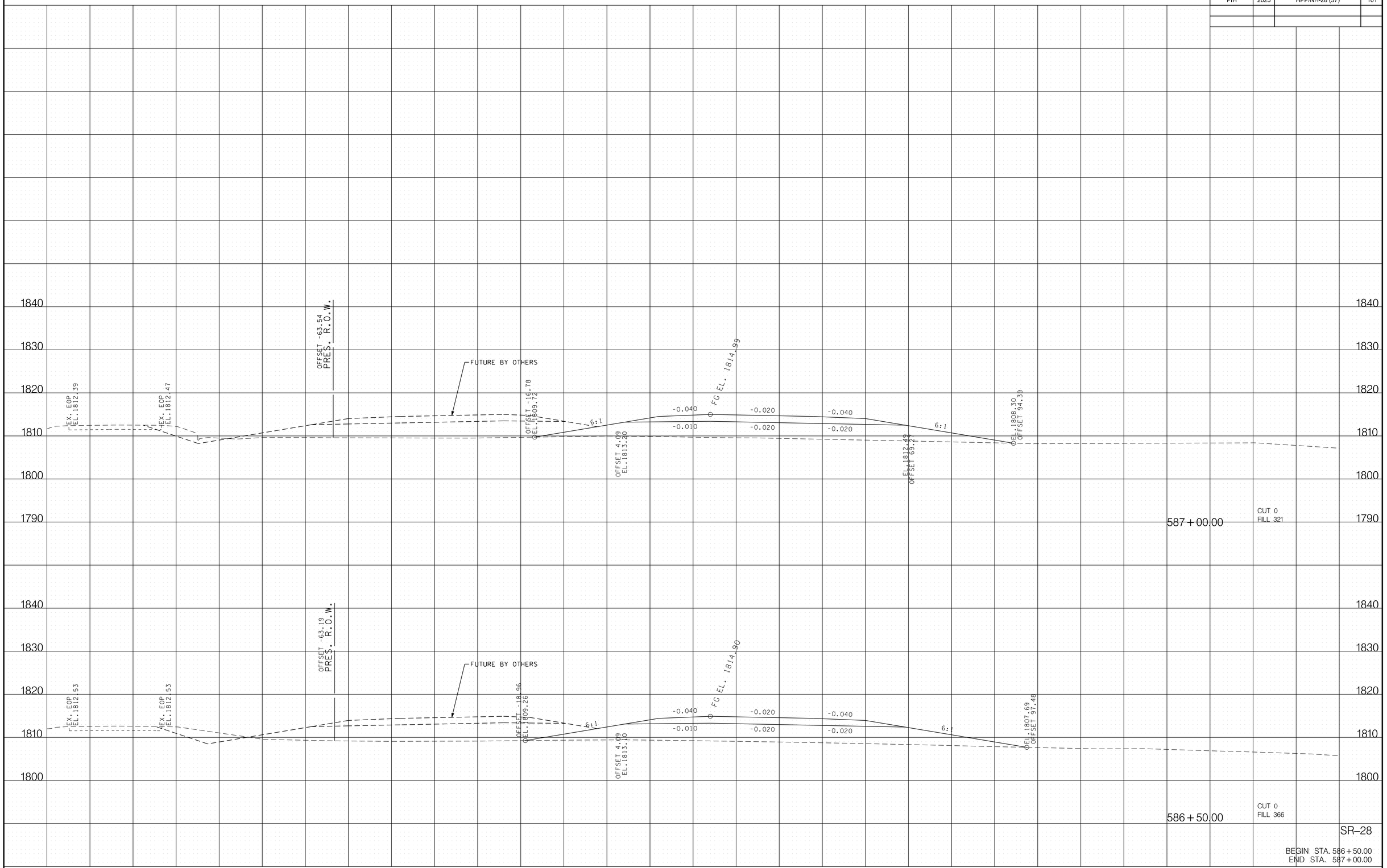


SR-28

BEGIN STA. 585+00.00
END STA. 586+00.00

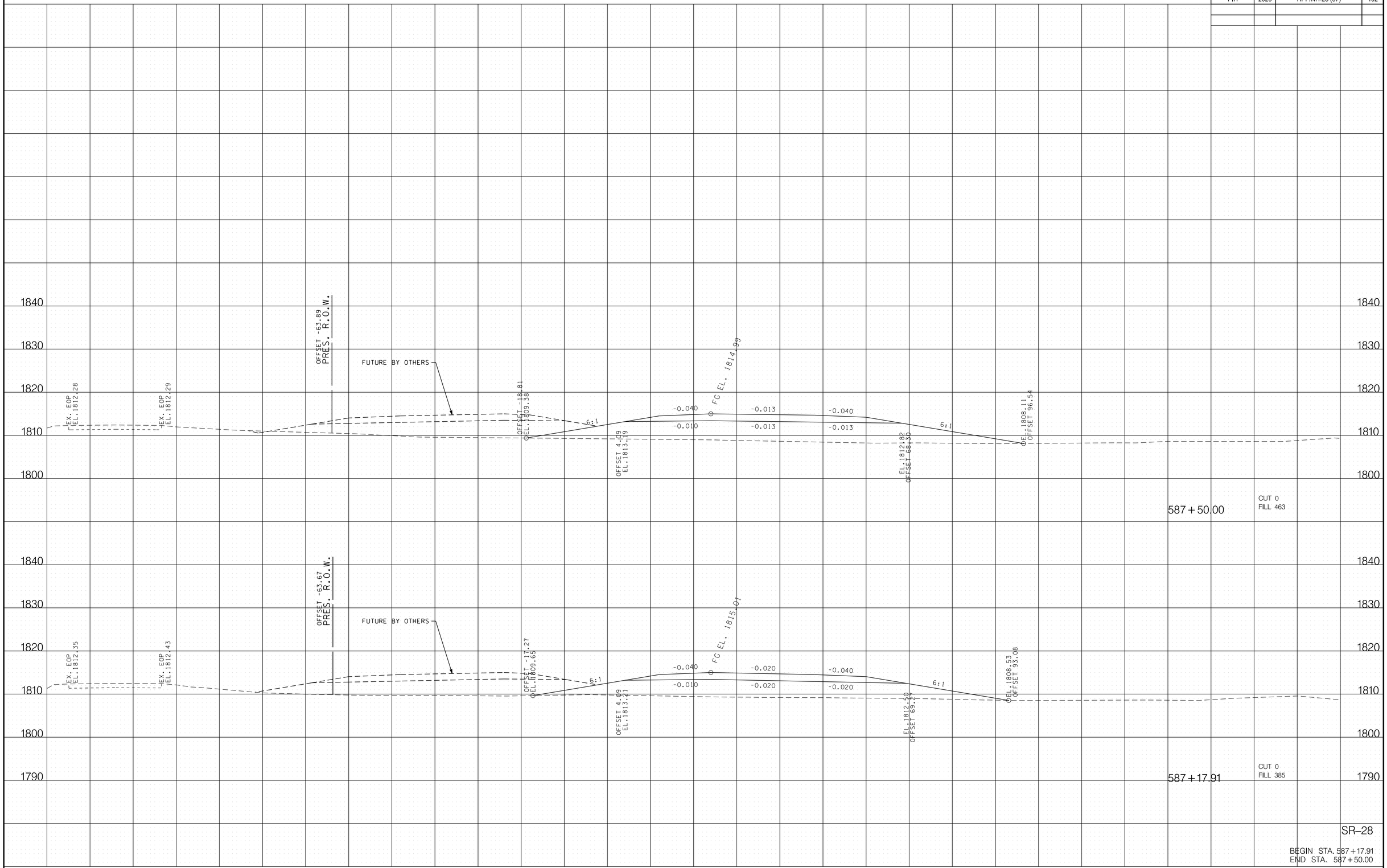
1/30/2026 2:33:19 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	236
PIH	2025	HPP/NH-28 (37)	101



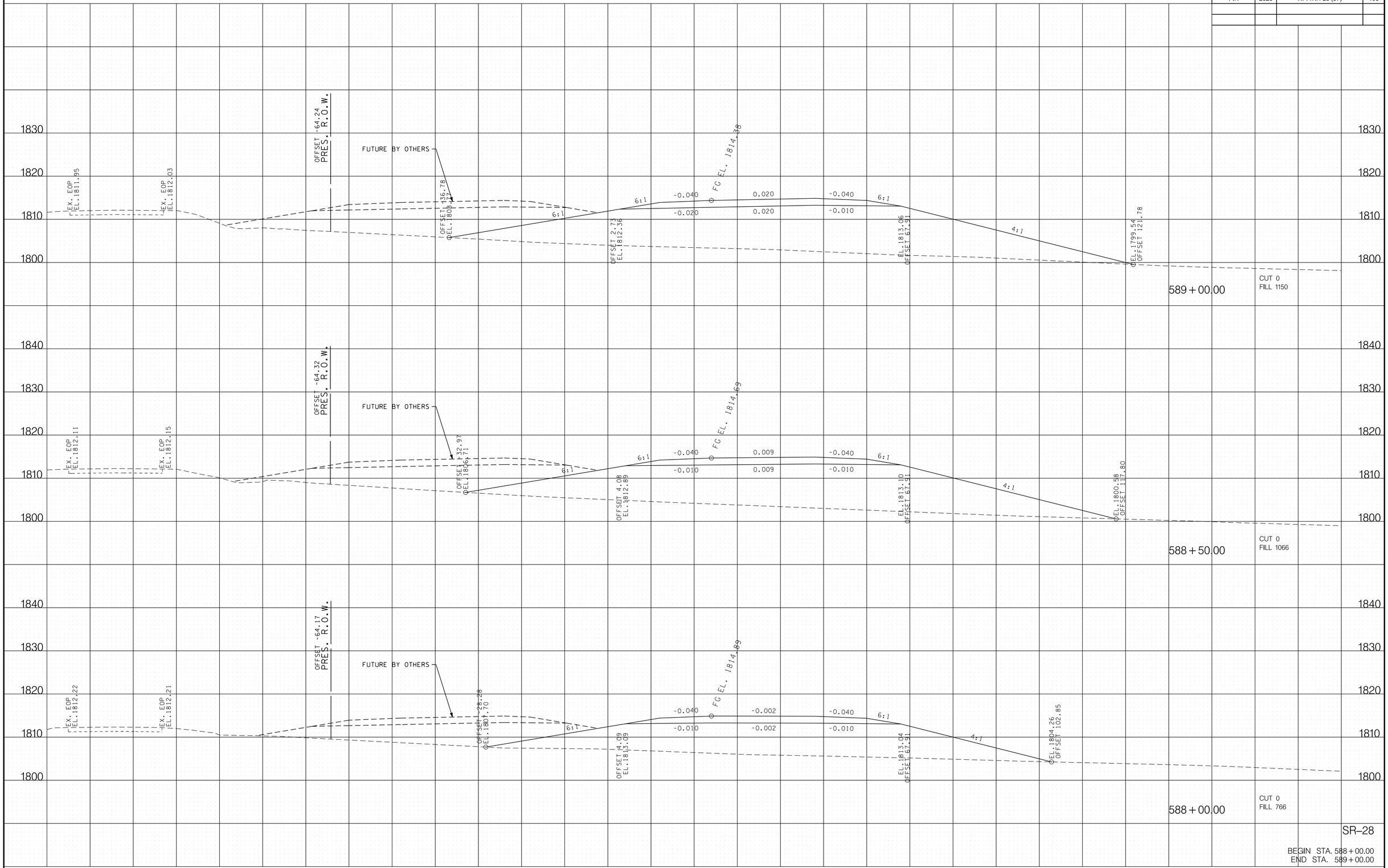
1/30/2026 2:33:22 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	237
PIH	2025	HPP/NH-28 (37)	102



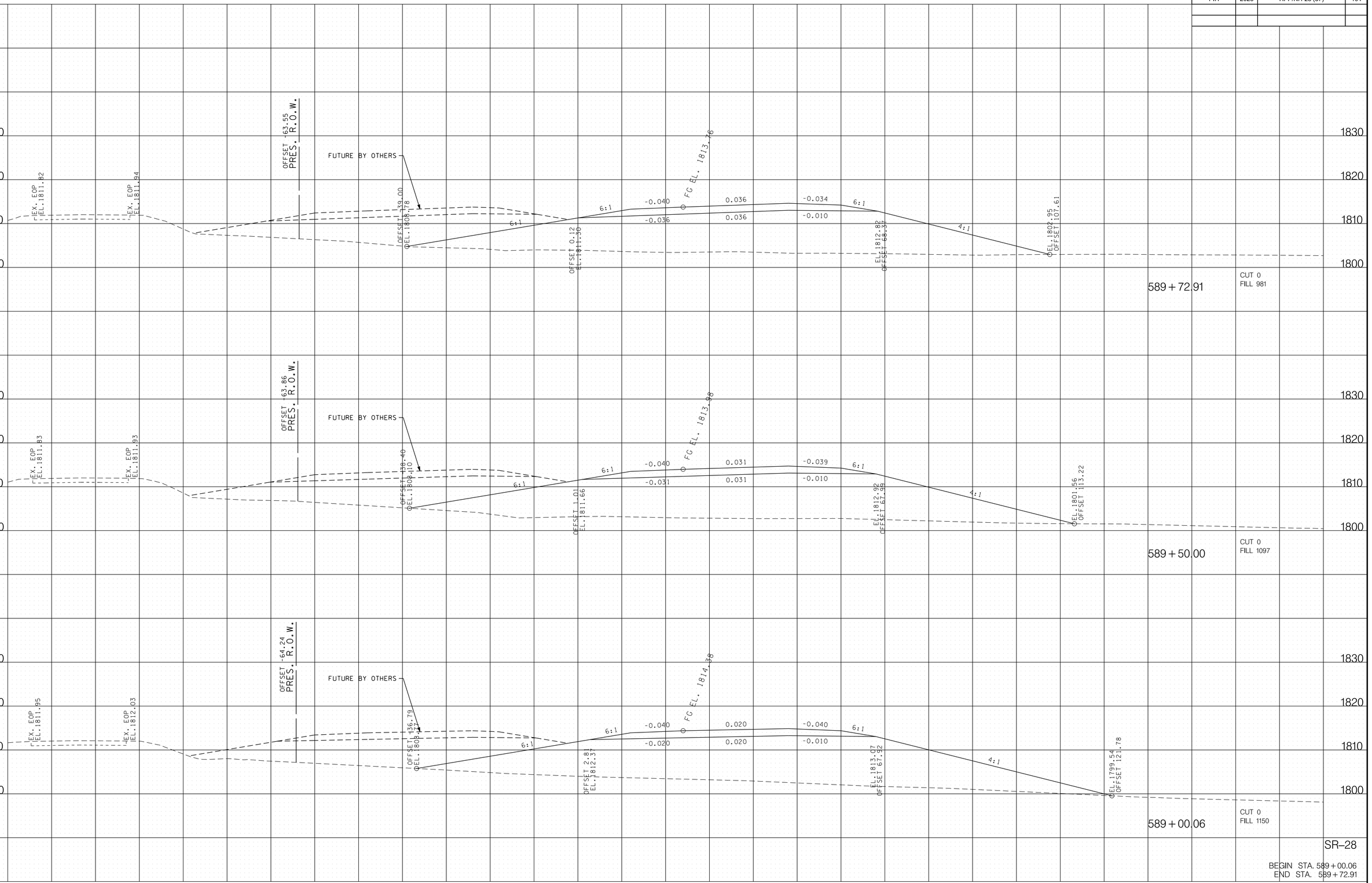
1/30/2026 2:33:24 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	238
PIH	2025	HPP/NH-28 (37)	103



1/30/2026 2:33:27 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	239
PIH	2025	HPP/NH-28 (37)	104

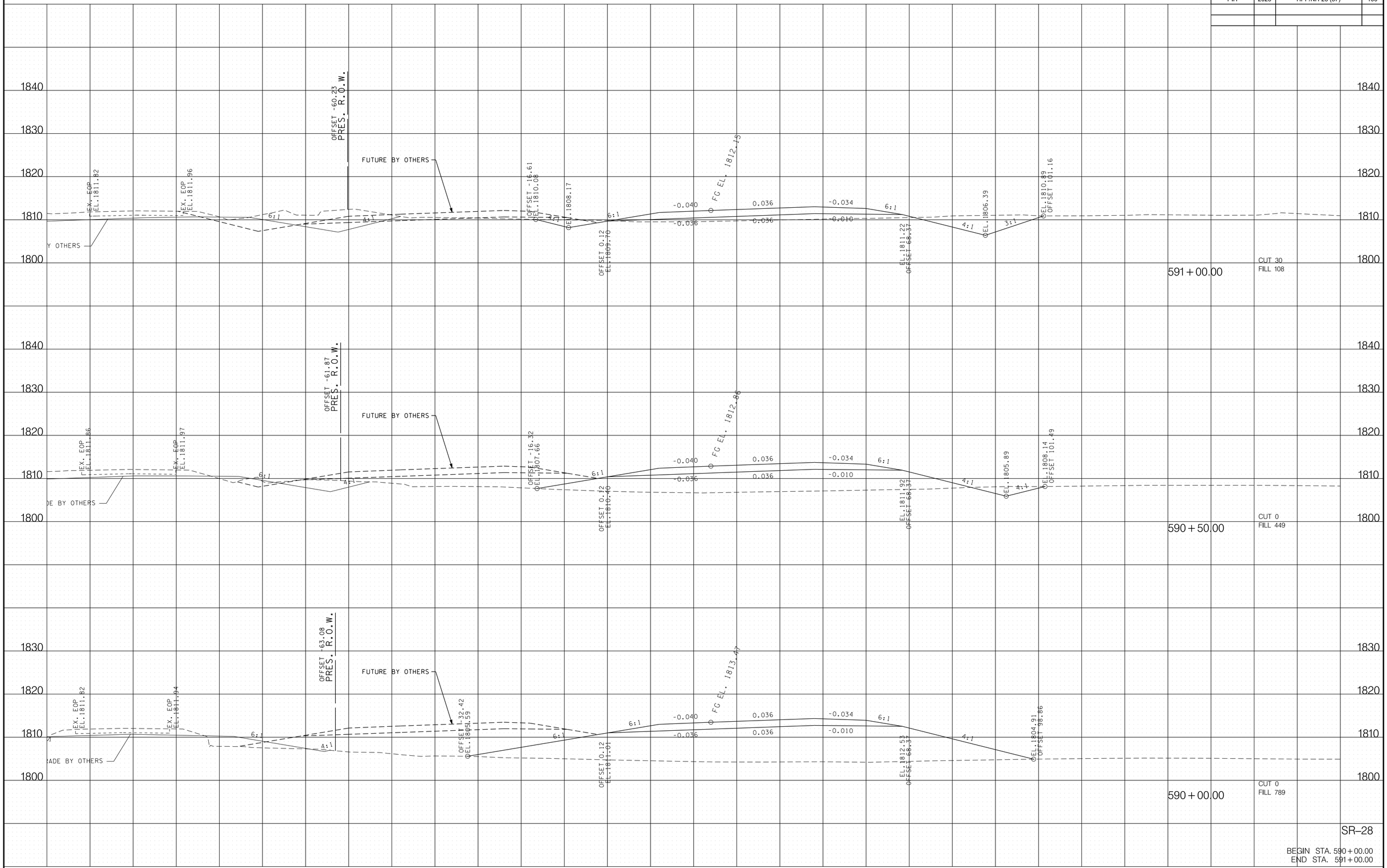


SR–28

BEGIN STA. 589+00.06
END STA. 589+72.91

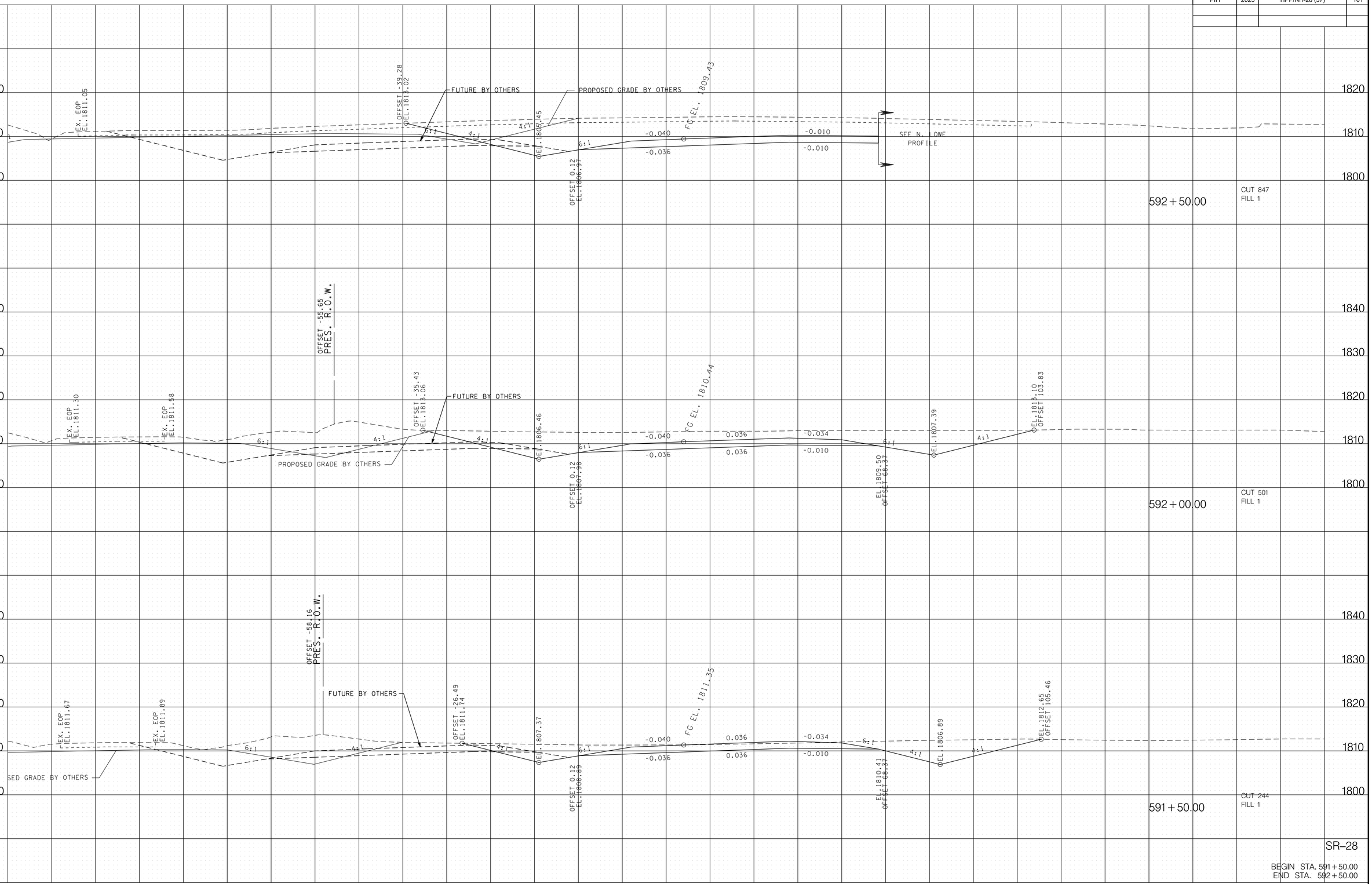
1/30/2026 2:33:30 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	240
PIH	2025	HPP/NH-28 (37)	100



1/30/2026 2:33:33 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	241
PIH	2025	HPP/NH-28 (37)	101

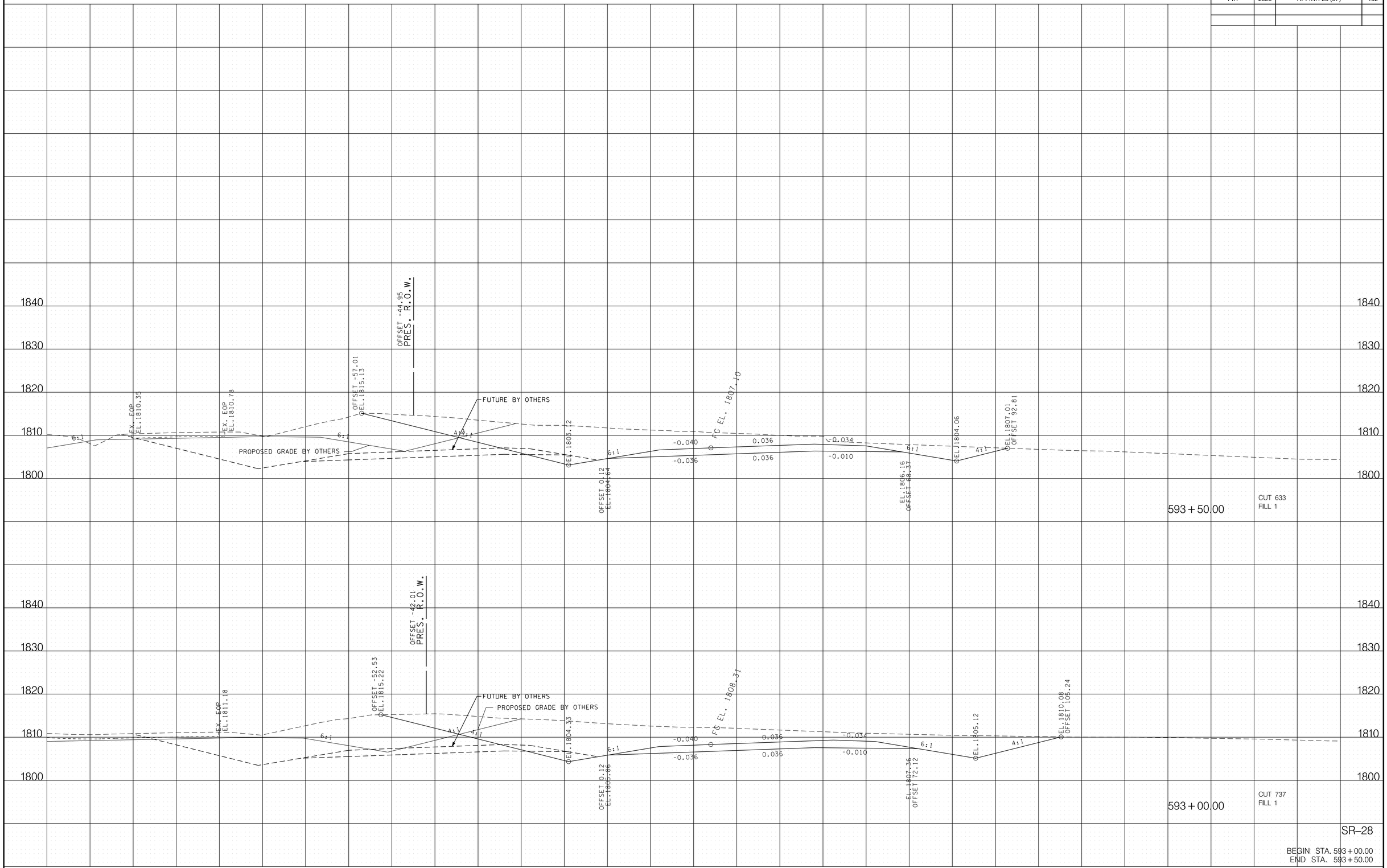


SR-28

BEGIN STA. 591+50.00
END STA. 592+50.00

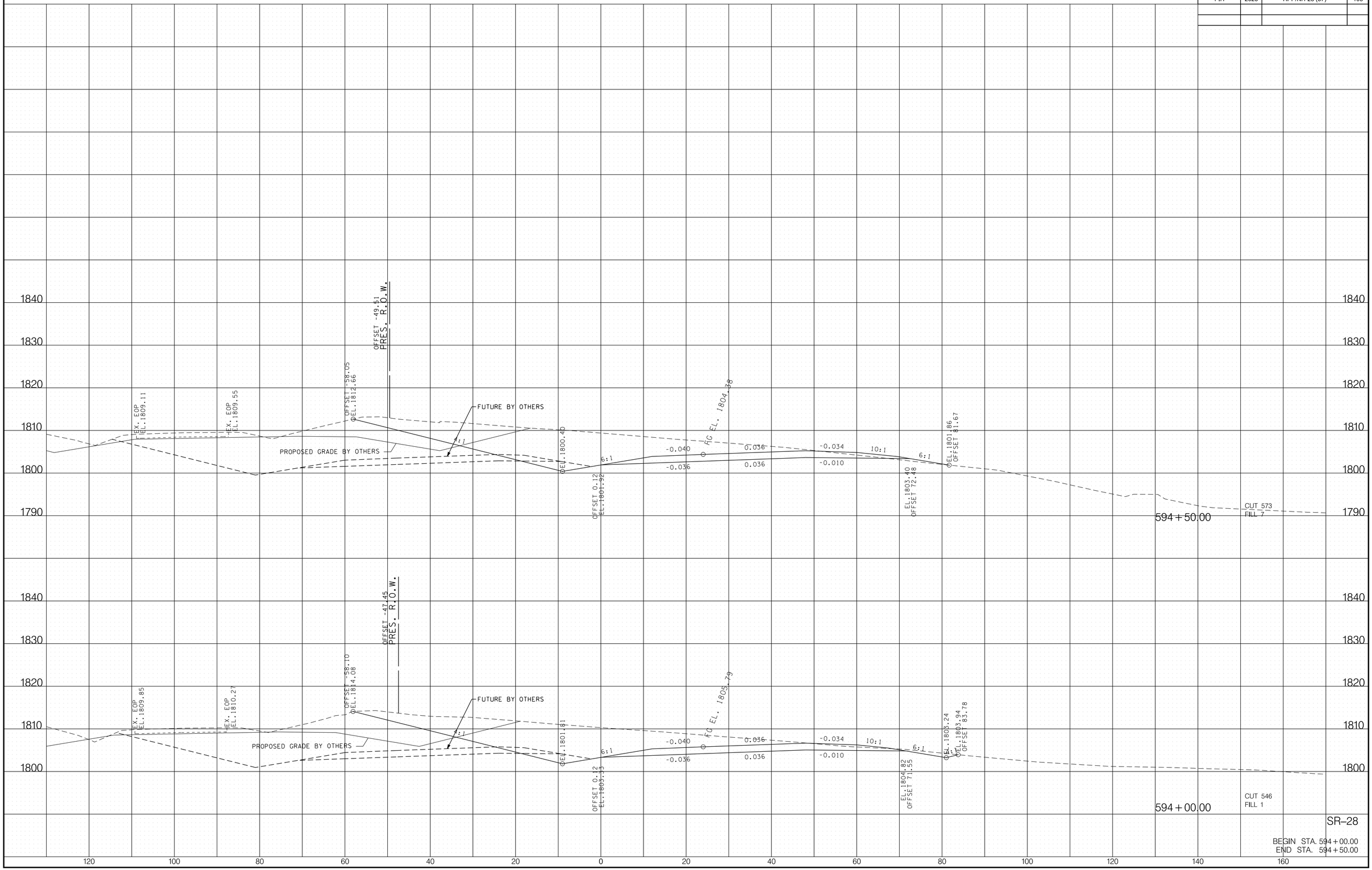
1/30/2026 2:33:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	242
PIH	2025	HPP/NH-28 (37)	102



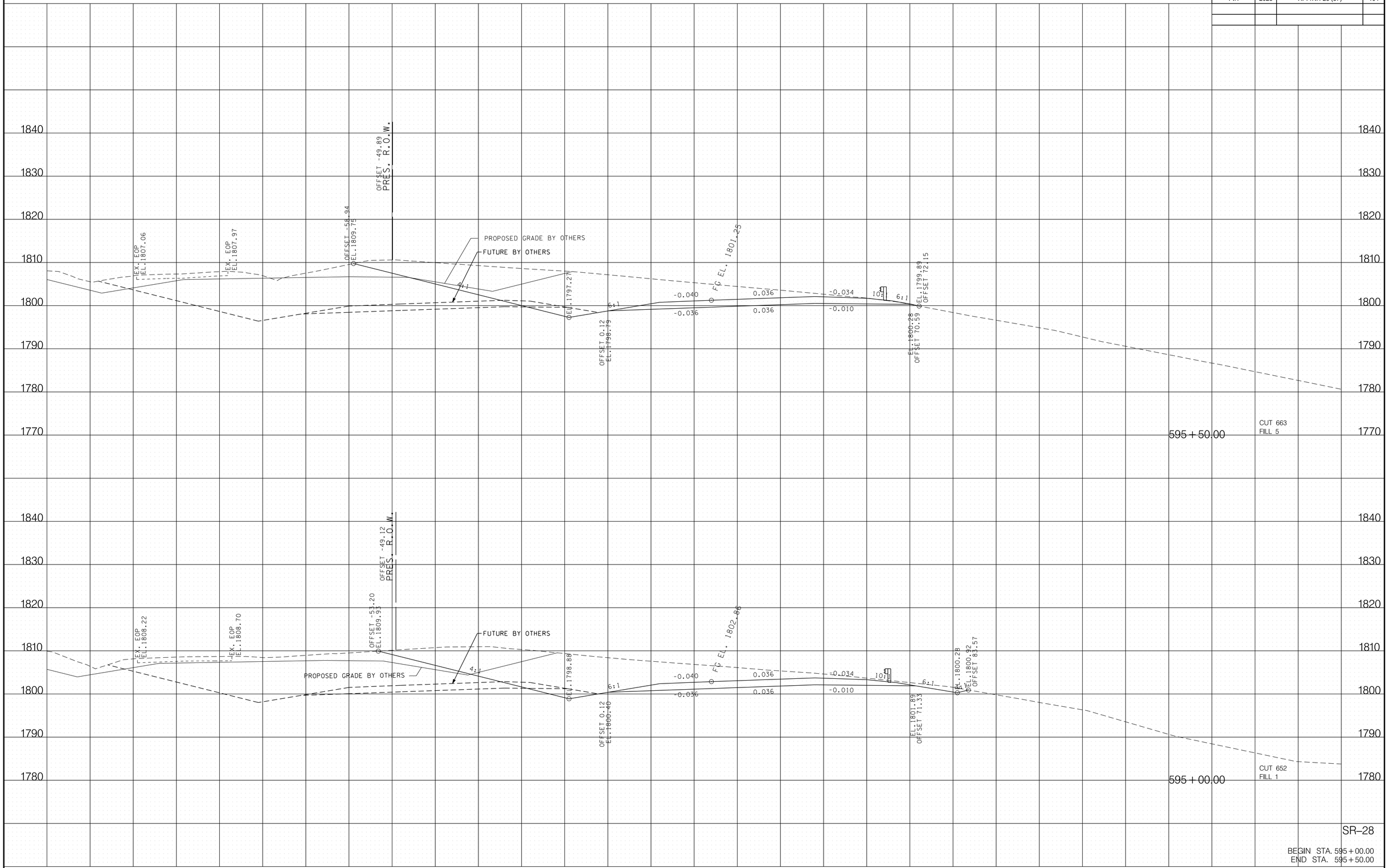
1/30/2026 2:33:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	243
PIH	2025	HPP/NH-28 (37)	103



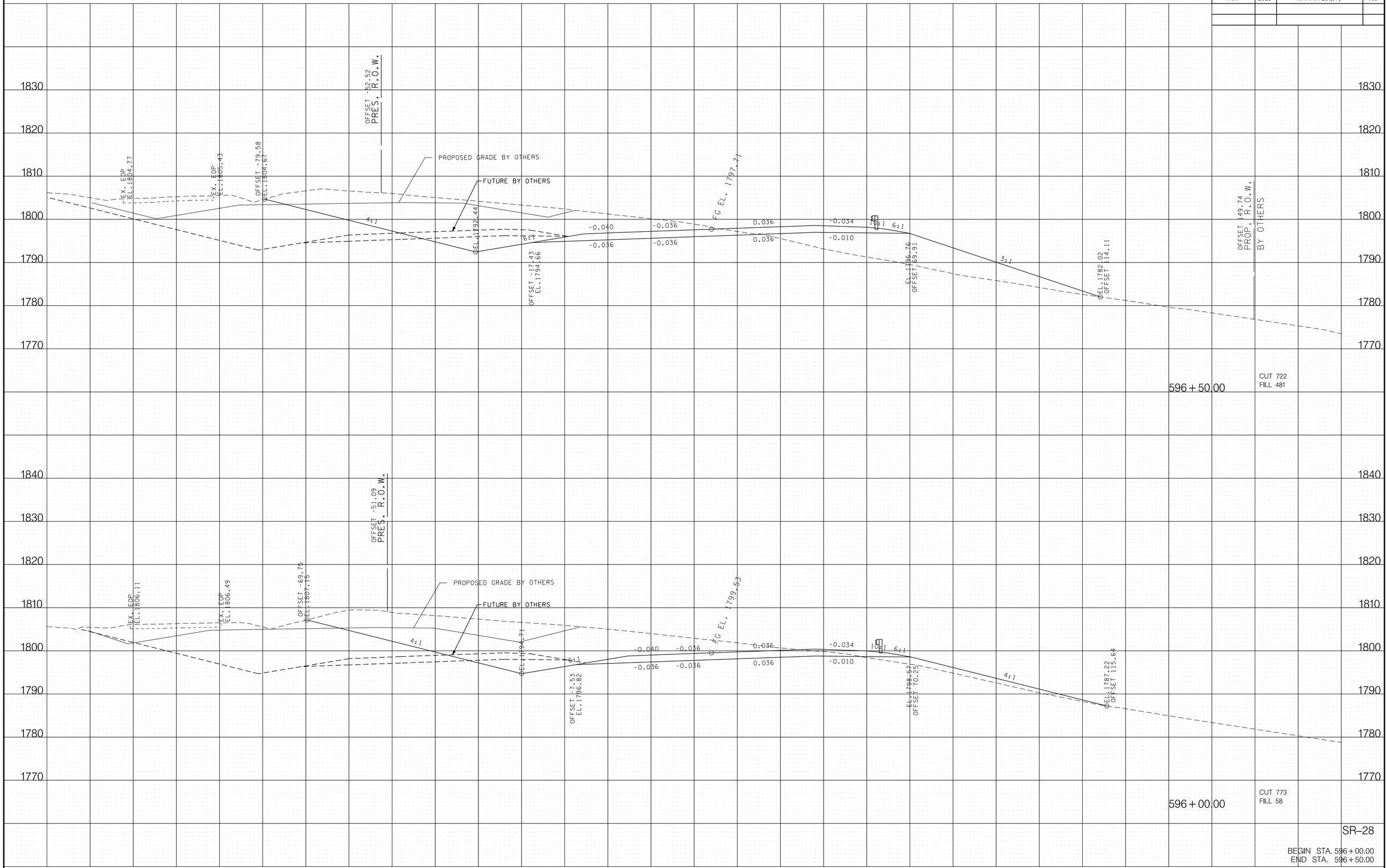
1/30/2026 2:33:45 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	244
PIH	2025	HPP/NH-28 (37)	104



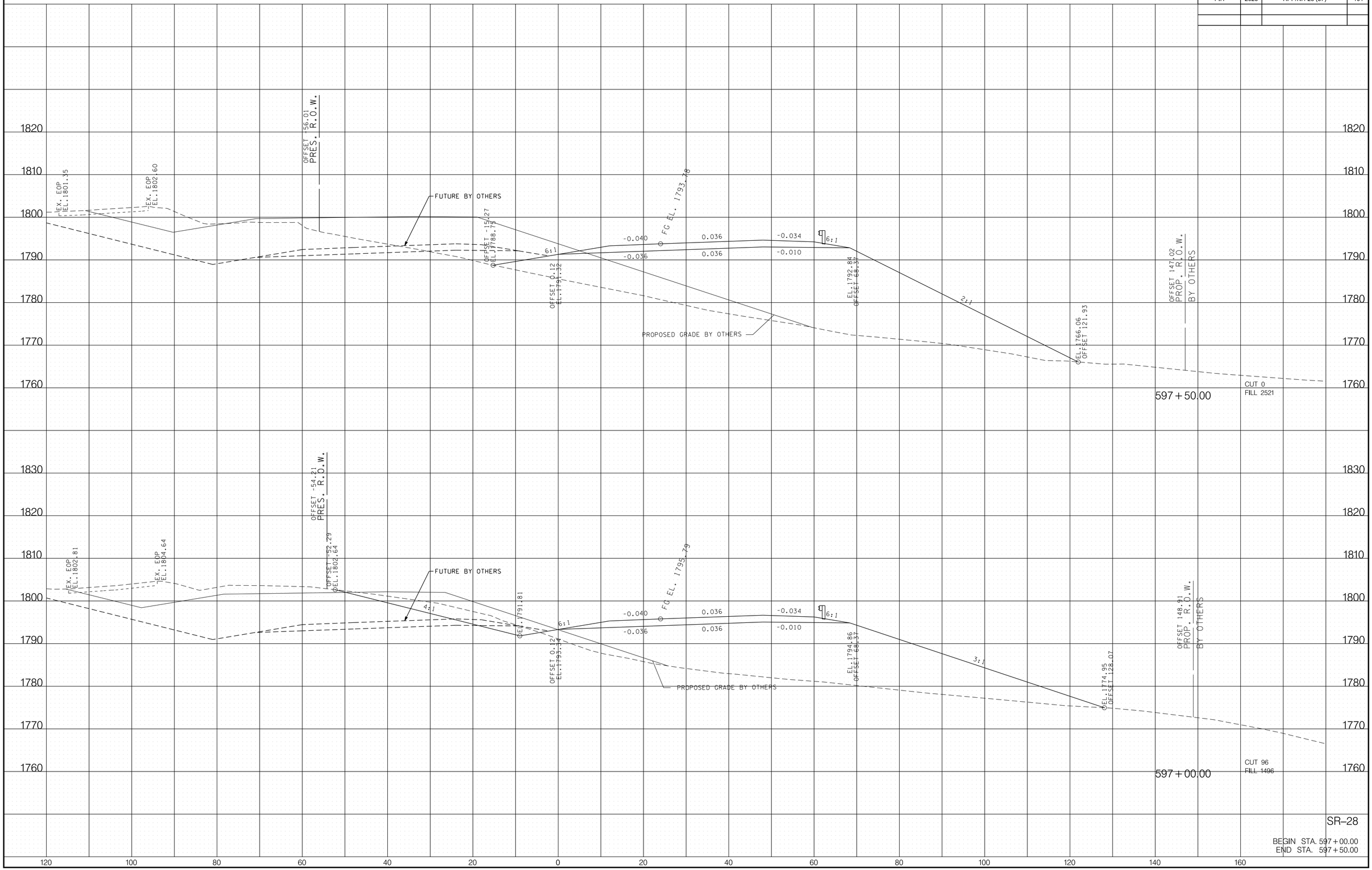
1/30/2026 2:33:48 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	245
PIH	2025	HPP/NH-28 (37)	100



1/30/2026 2:33:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	246
PIH	2025	HPP/NH-28 (37)	101

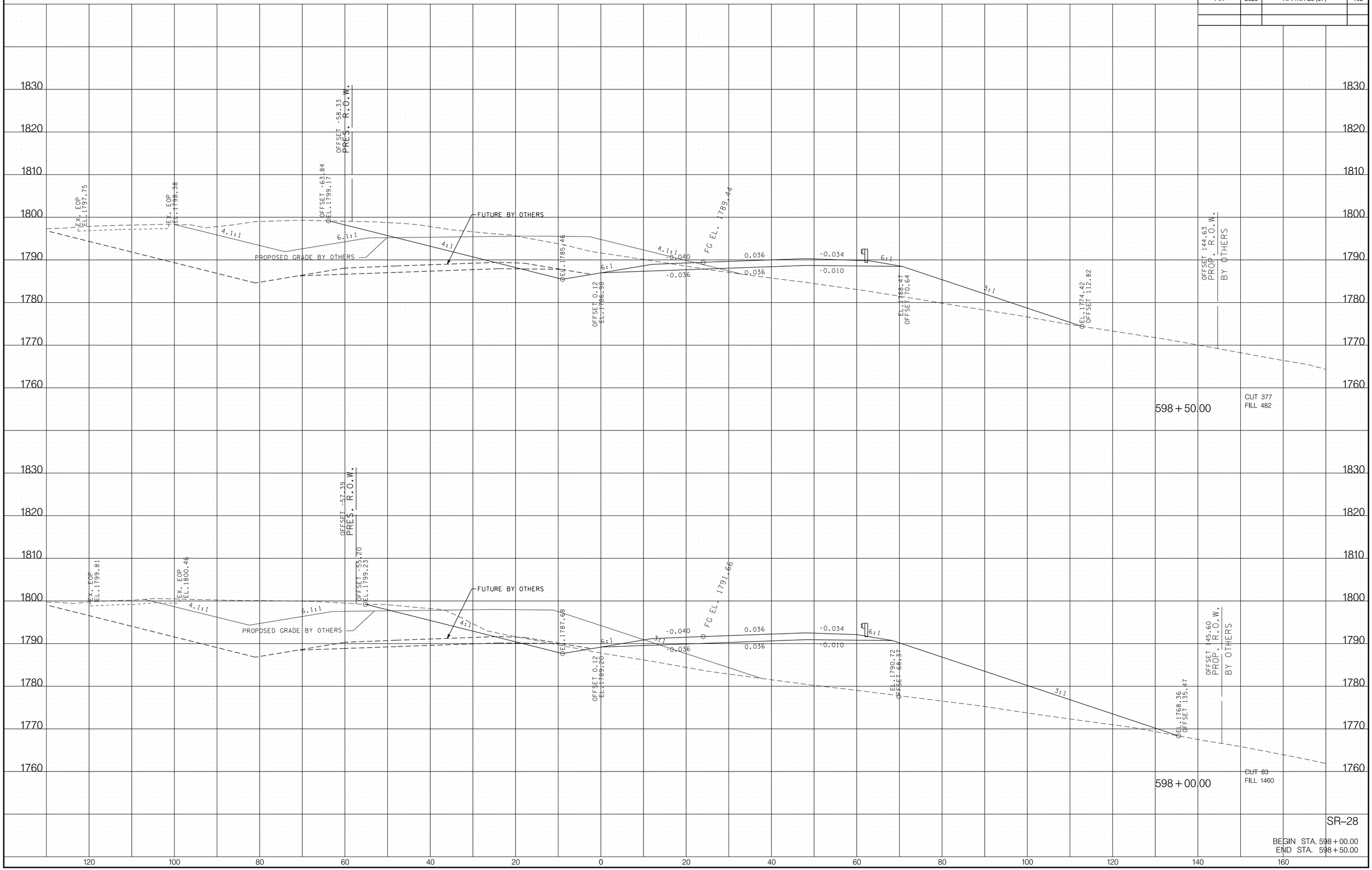


SR–28

BEGIN STA. 597+00.00
END STA. 597+50.00

1/30/2026 2:33:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	247
PIH	2025	HPP/NH-28 (37)	102

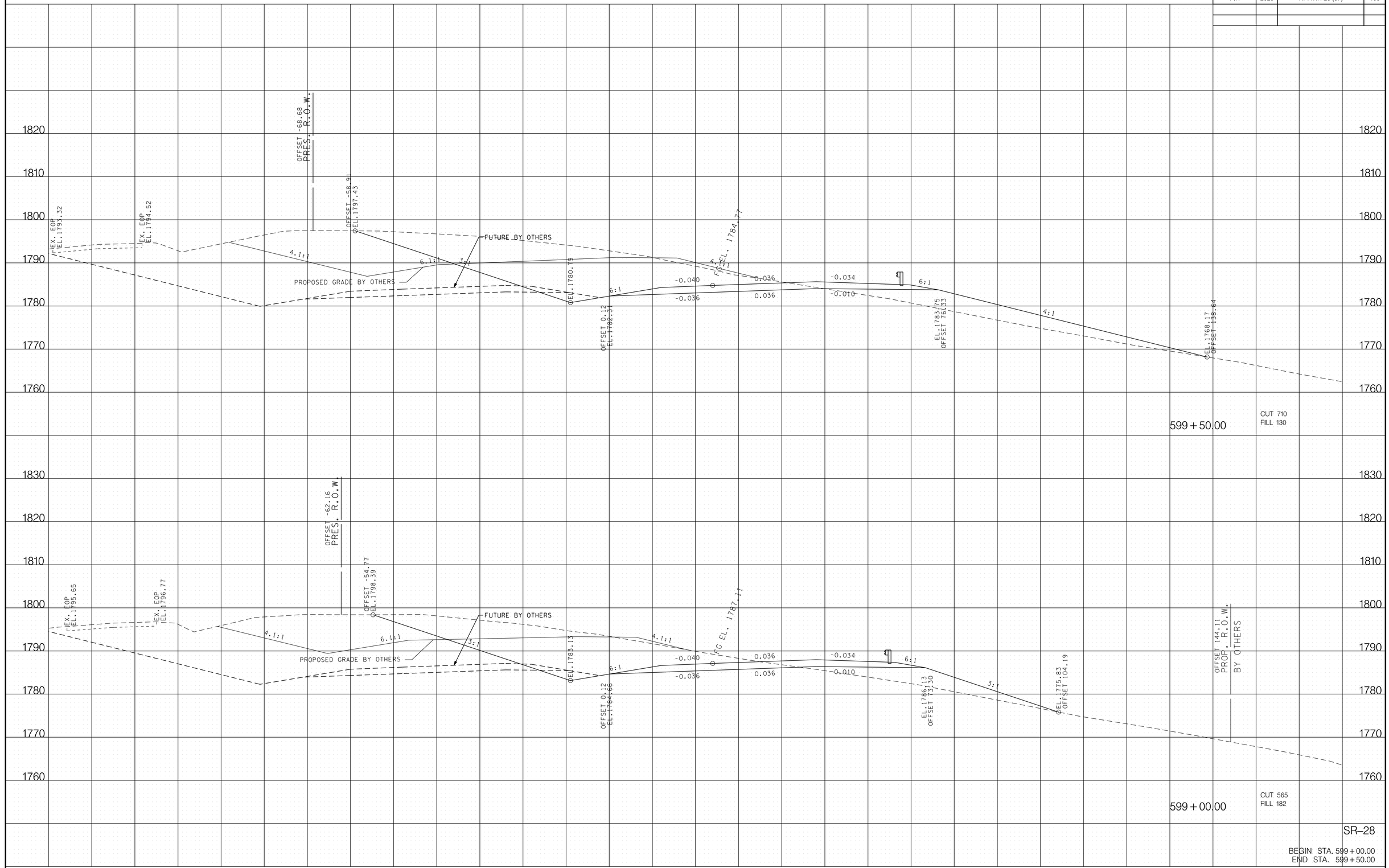


SR–28

BEGIN STA. 598 + 00.00
END STA. 598 + 50.00

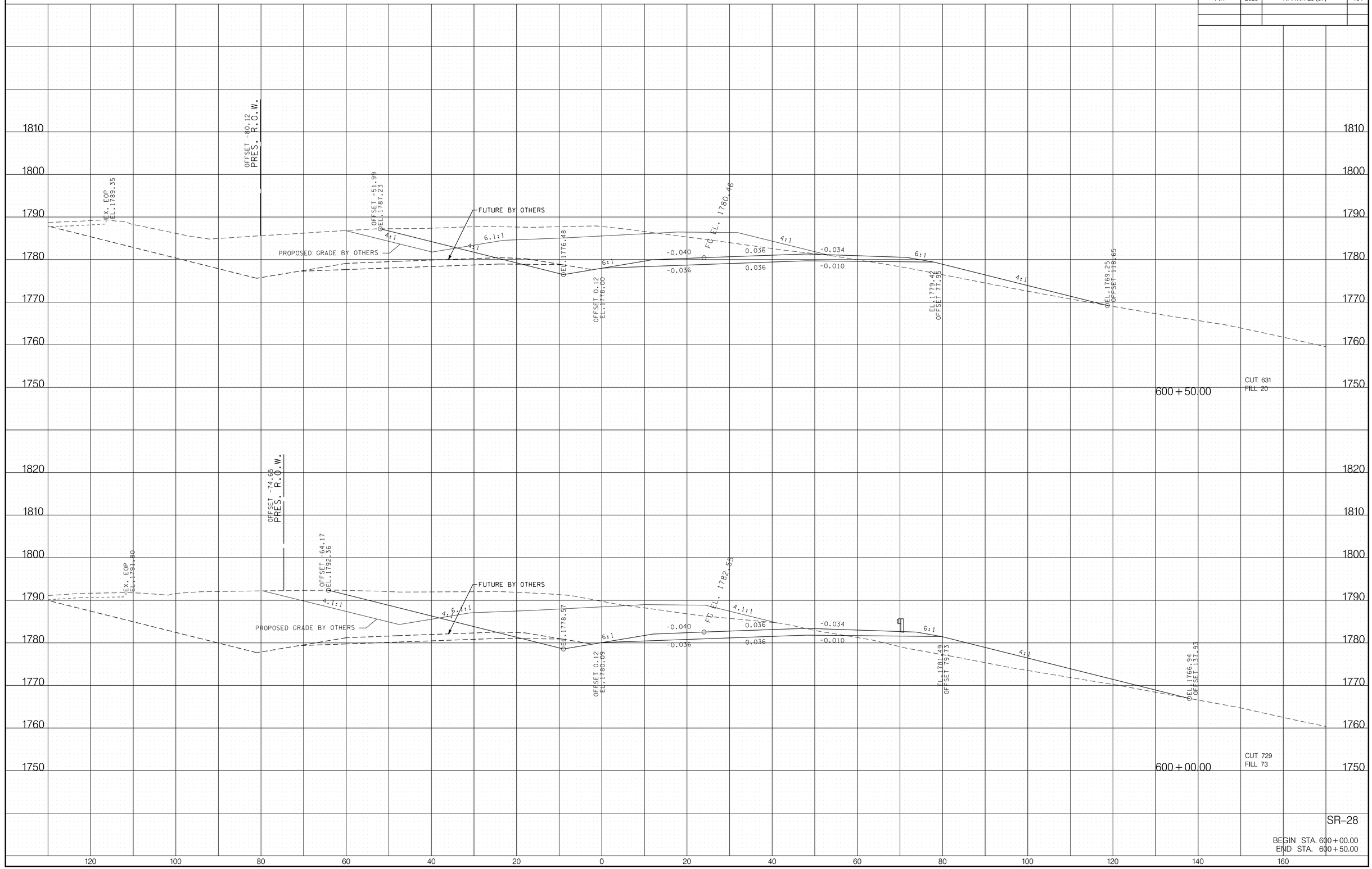
1/30/2026 2:33:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	248
PIH	2025	HPP/NH-28 (37)	103



1/30/2026 2:34:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	249
PIH	2025	HPP/NH-28 (37)	104

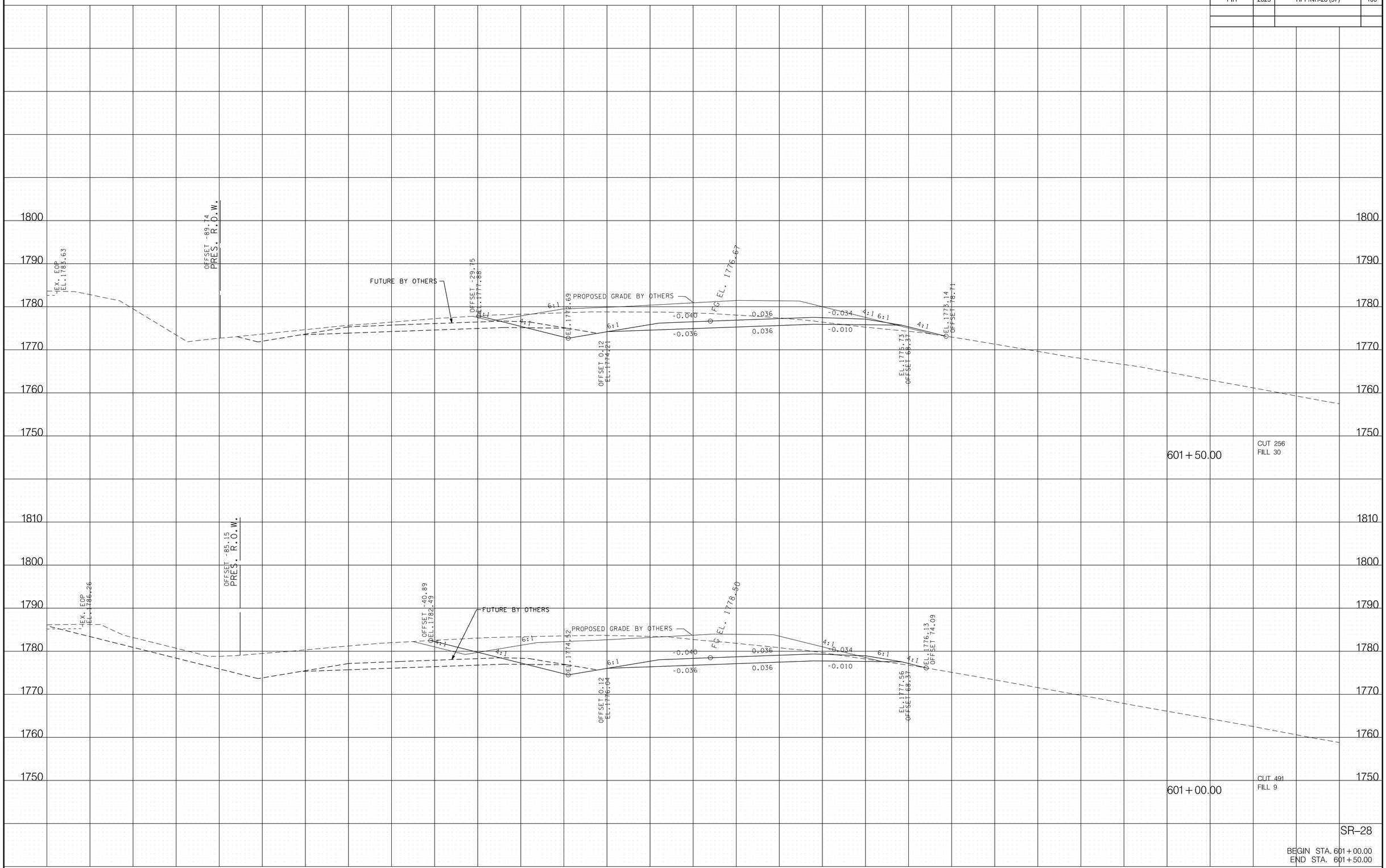


SR-28

BEGIN STA. 600+00.00
END STA. 600+50.00

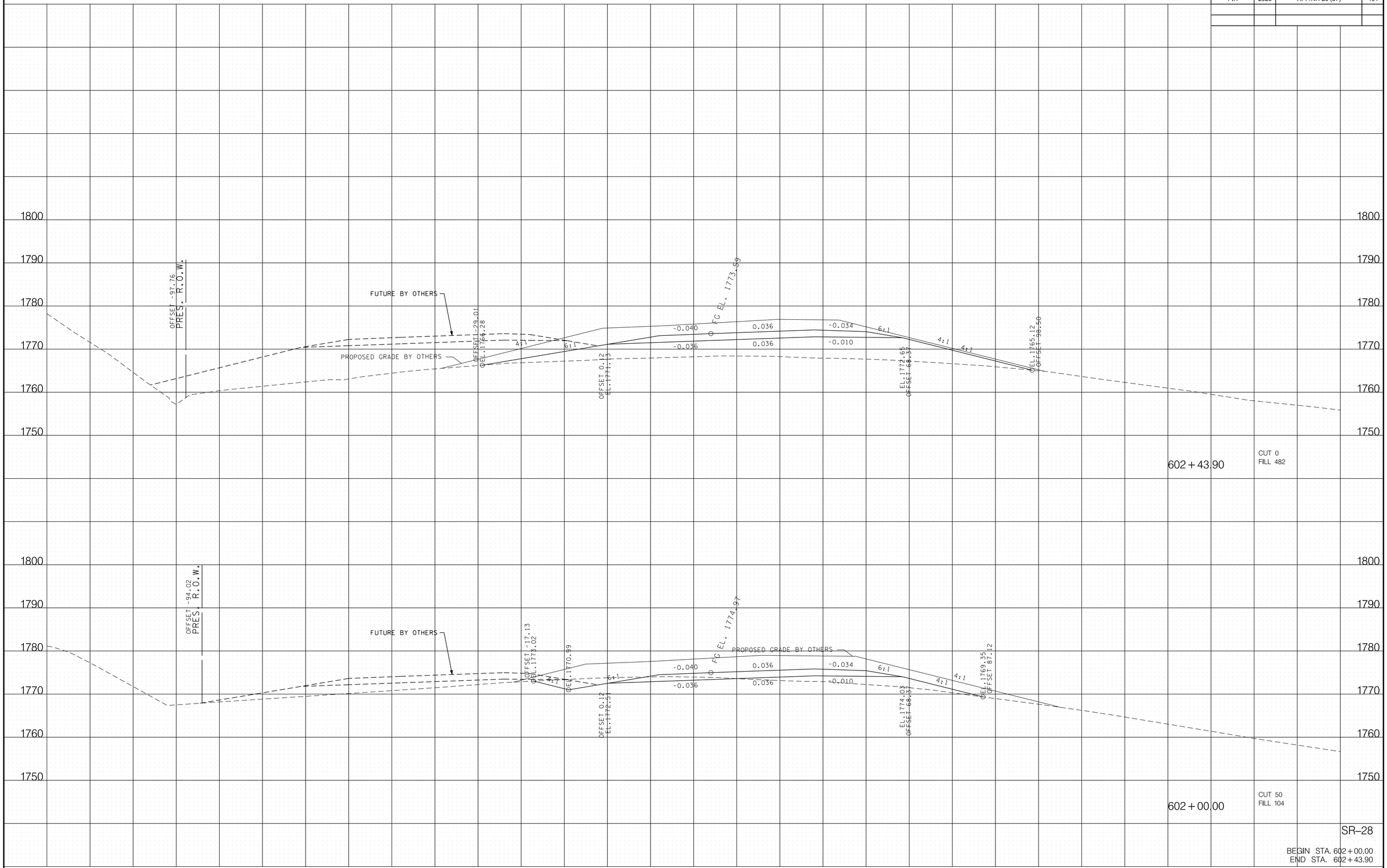
1/30/2026 2:34:03 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	250
PIH	2025	HPP/NH-28 (37)	100



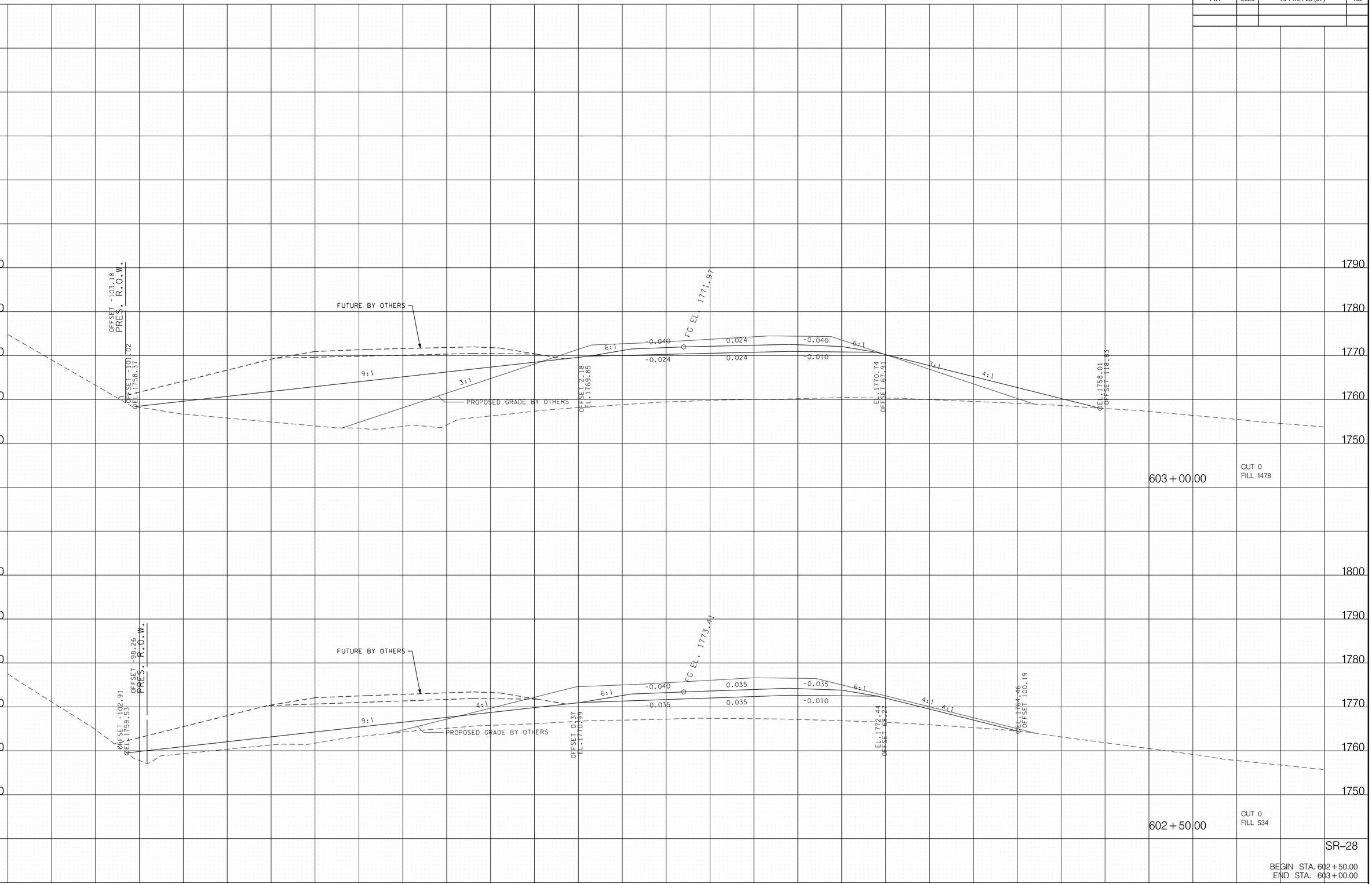
1/30/2026 2:34:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	251
PIH	2025	HPP/NH-28 (37)	101



1/30/2026 2:34:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	252
PIH	2025	HPP/NH-28 (37)	102

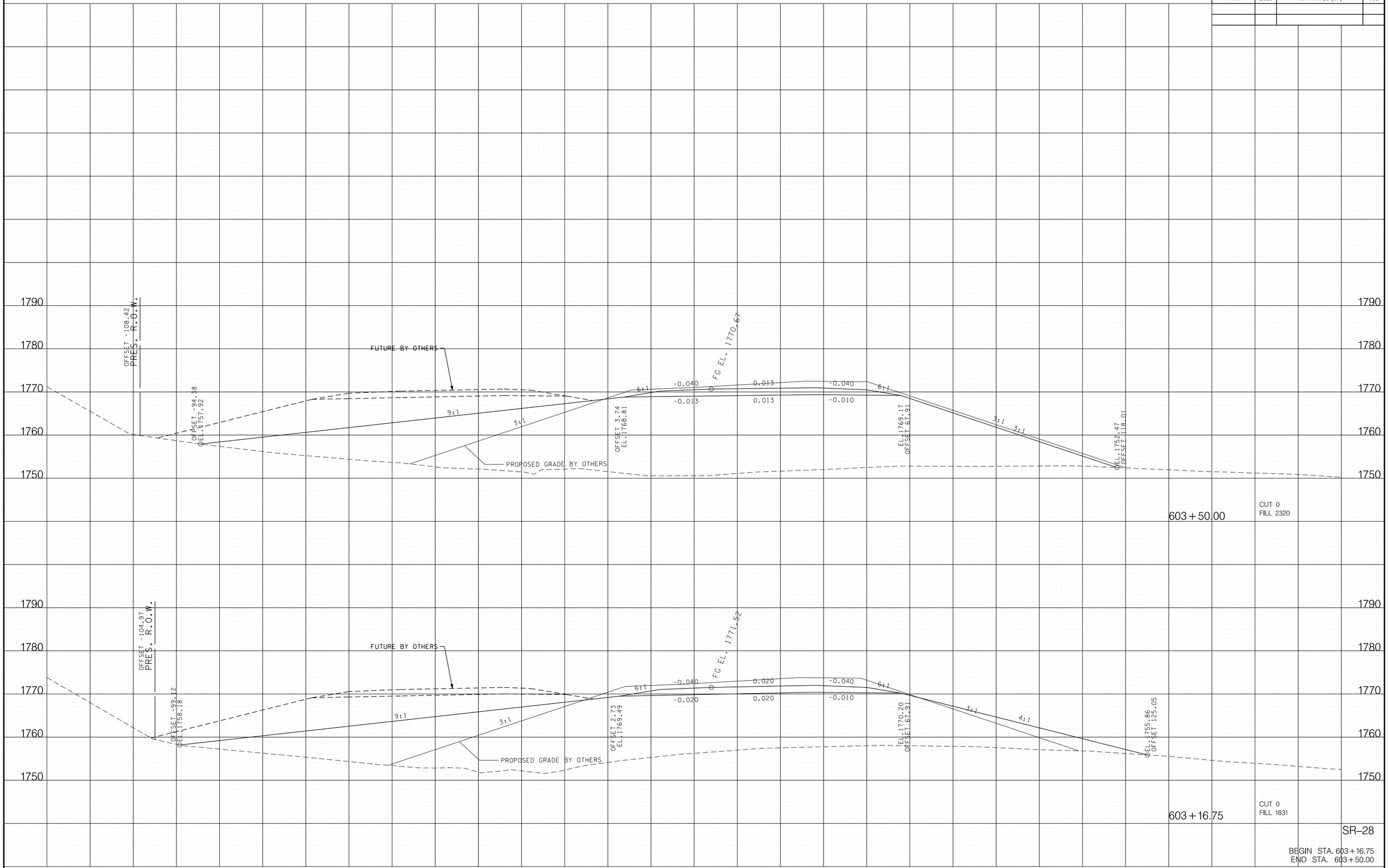


SR-28

BEGIN STA. 602+50.00
END STA. 603+00.00

1/30/2026 2:34:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	253
PIH	2025	HPP/NH-28 (37)	103

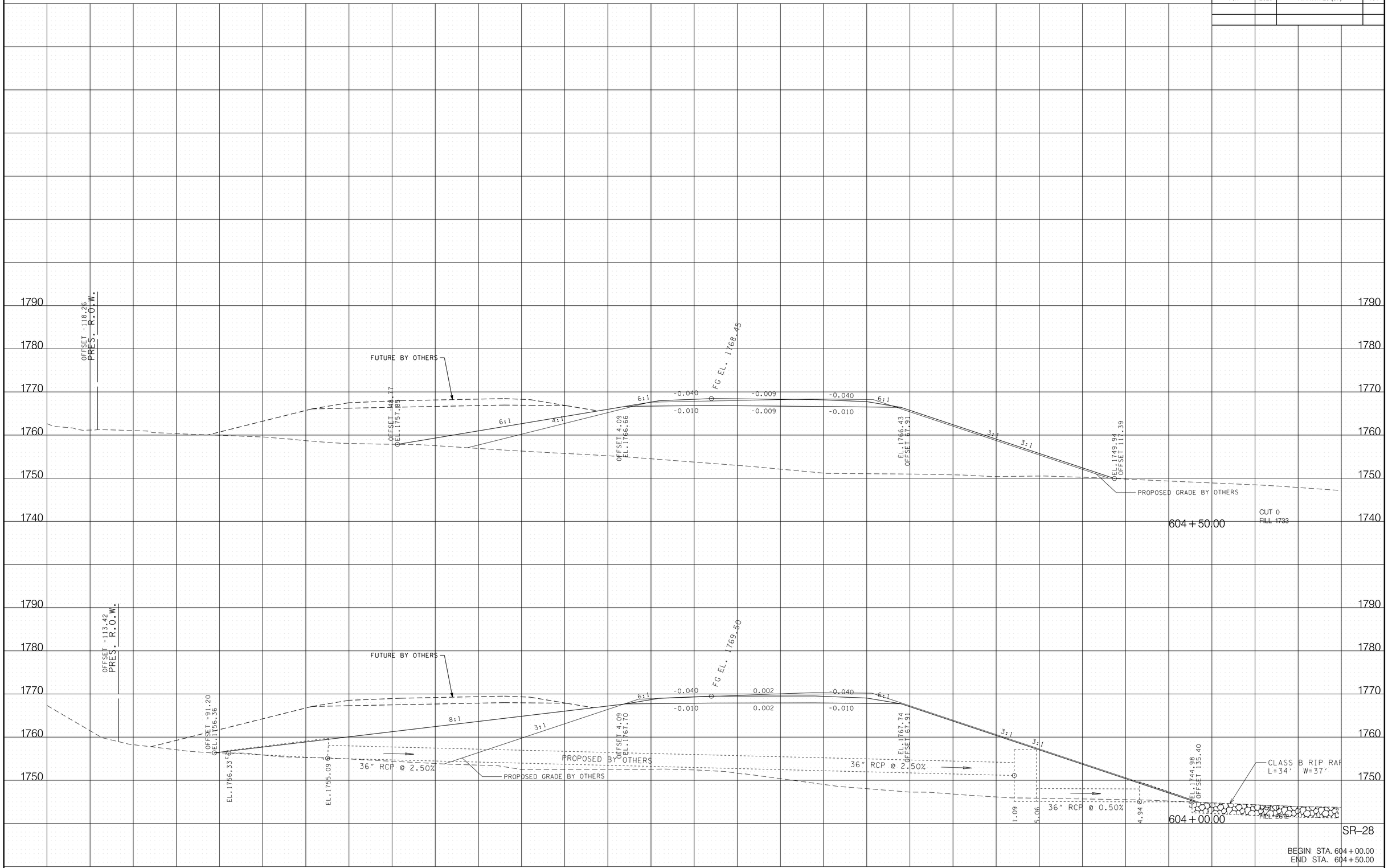


SR-28

BEGIN STA. 603+16.75
END STA. 603+50.00

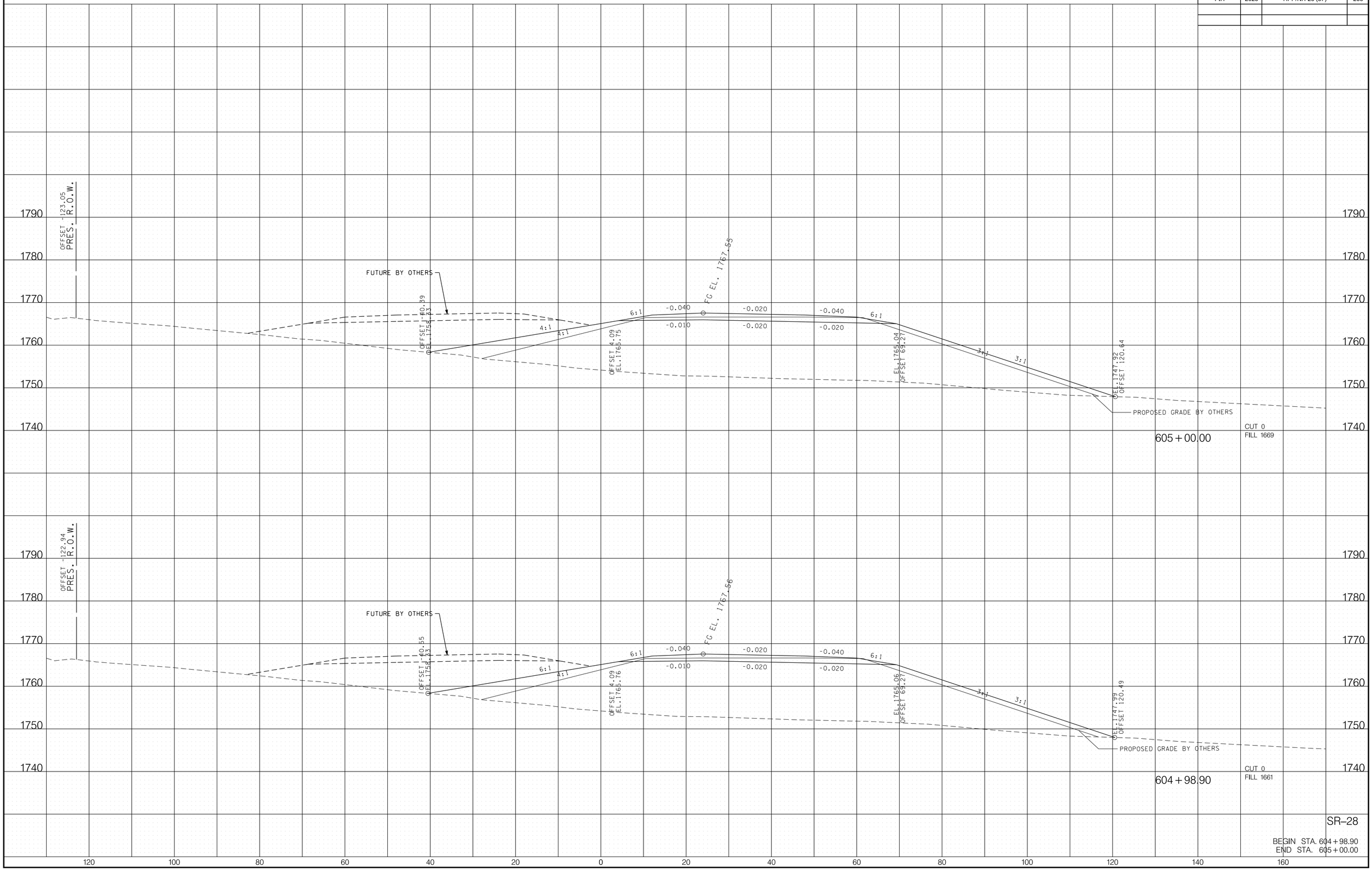
1/30/2026 2:34:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	254
PIH	2025	HPP/NH-28 (37)	104



1/30/2026 2:34:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	255
PIH	2025	HPP/NH-28 (37)	255

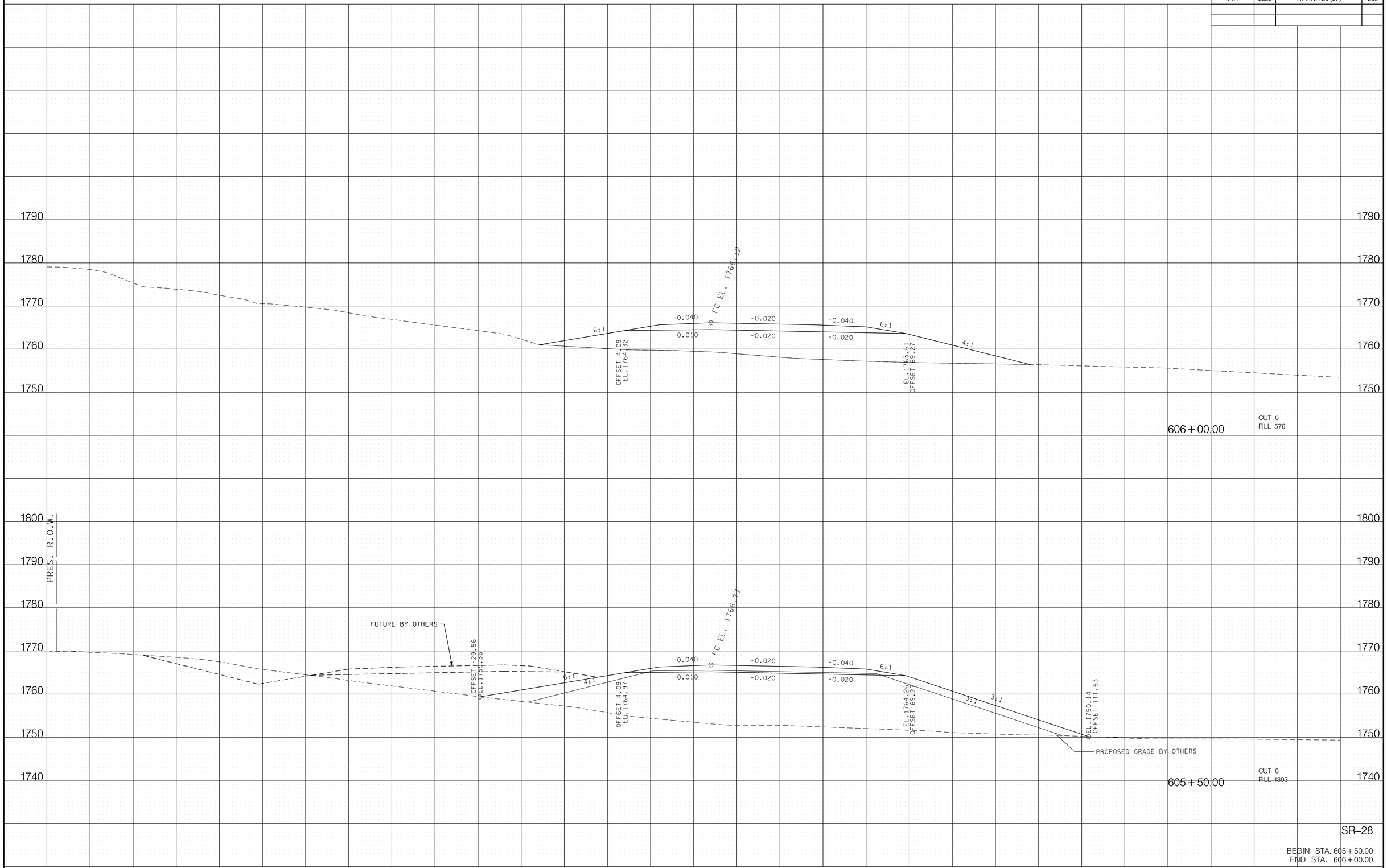


SR-28

BEGIN STA. 604+98.90
END STA. 605+00.00

1/30/2026 2:34:20 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	256
PIH	2025	HPP/NH-28 (37)	256

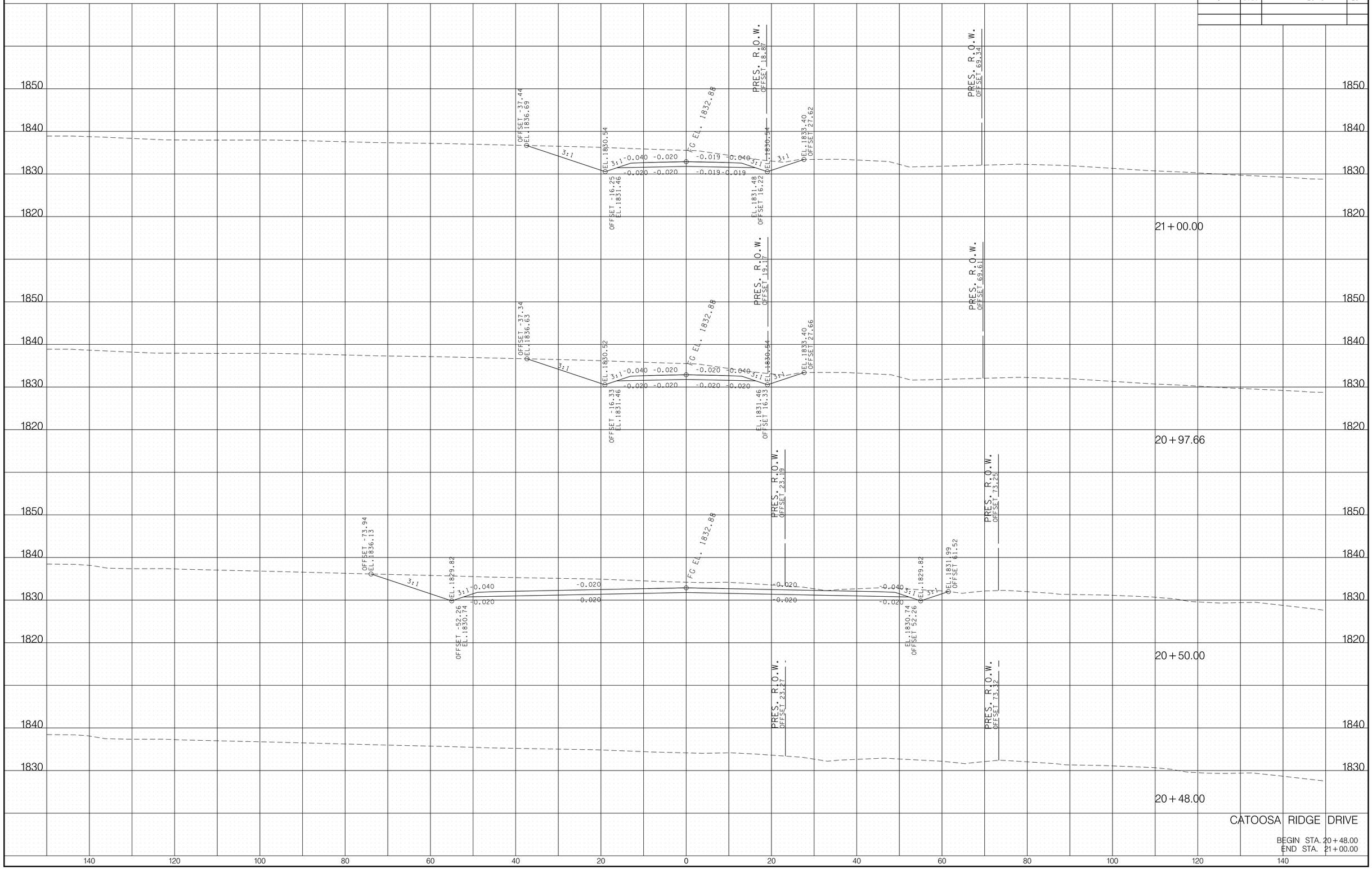


SR–28

BEGIN STA. 605+50.00
END STA. 606+00.00

1/30/2026 2:34:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\CUSR28MainlineXSections.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	257
PIH	2025	HPP/NH-28 (37)	257

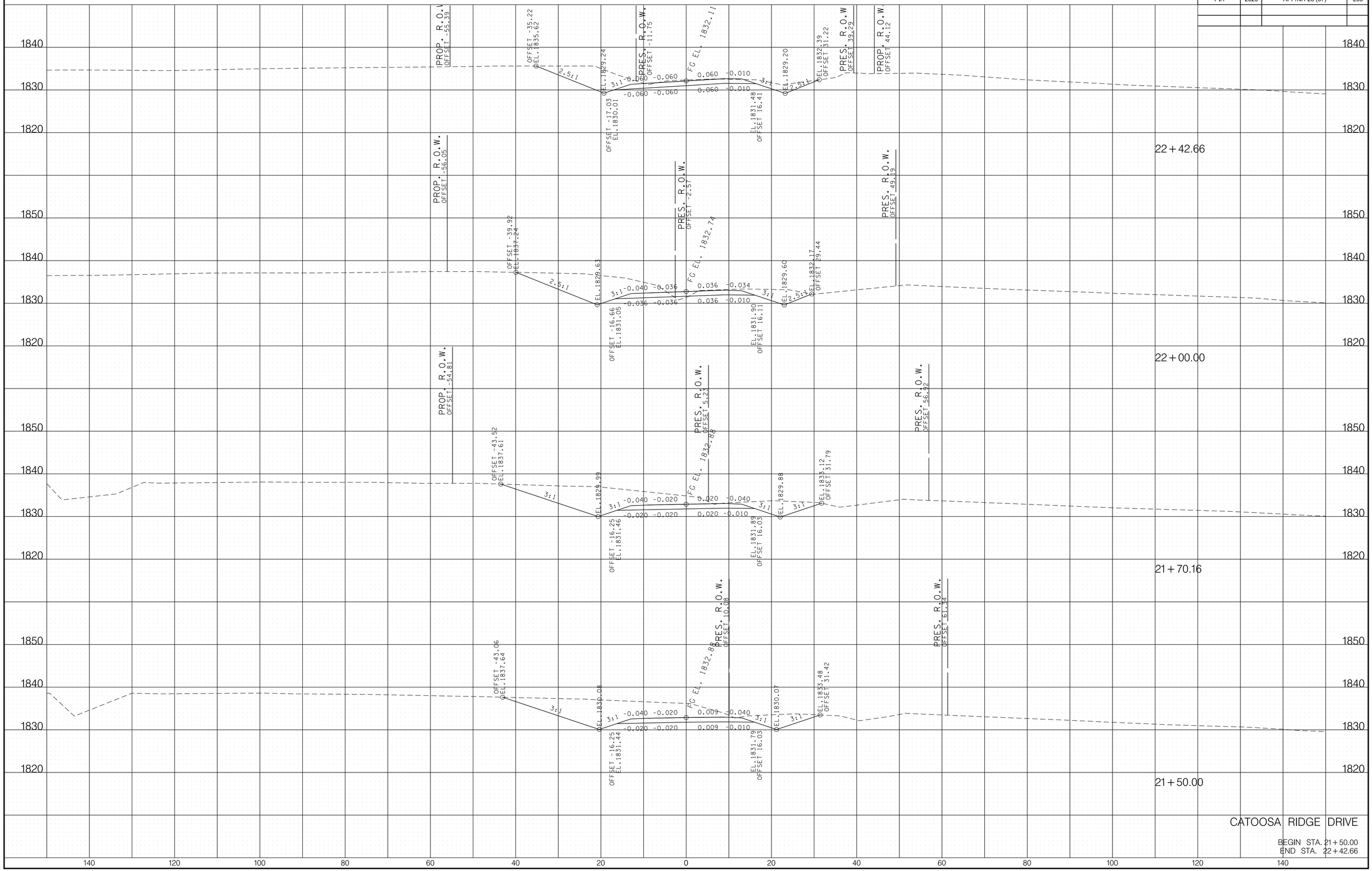


CATOOSA RIDGE DRIVE

BEGIN STA. 20+48.00
END STA. 21+00.00

1/30/2026 2:34:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	258
PIH	2025	HPP/NH-28 (37)	258

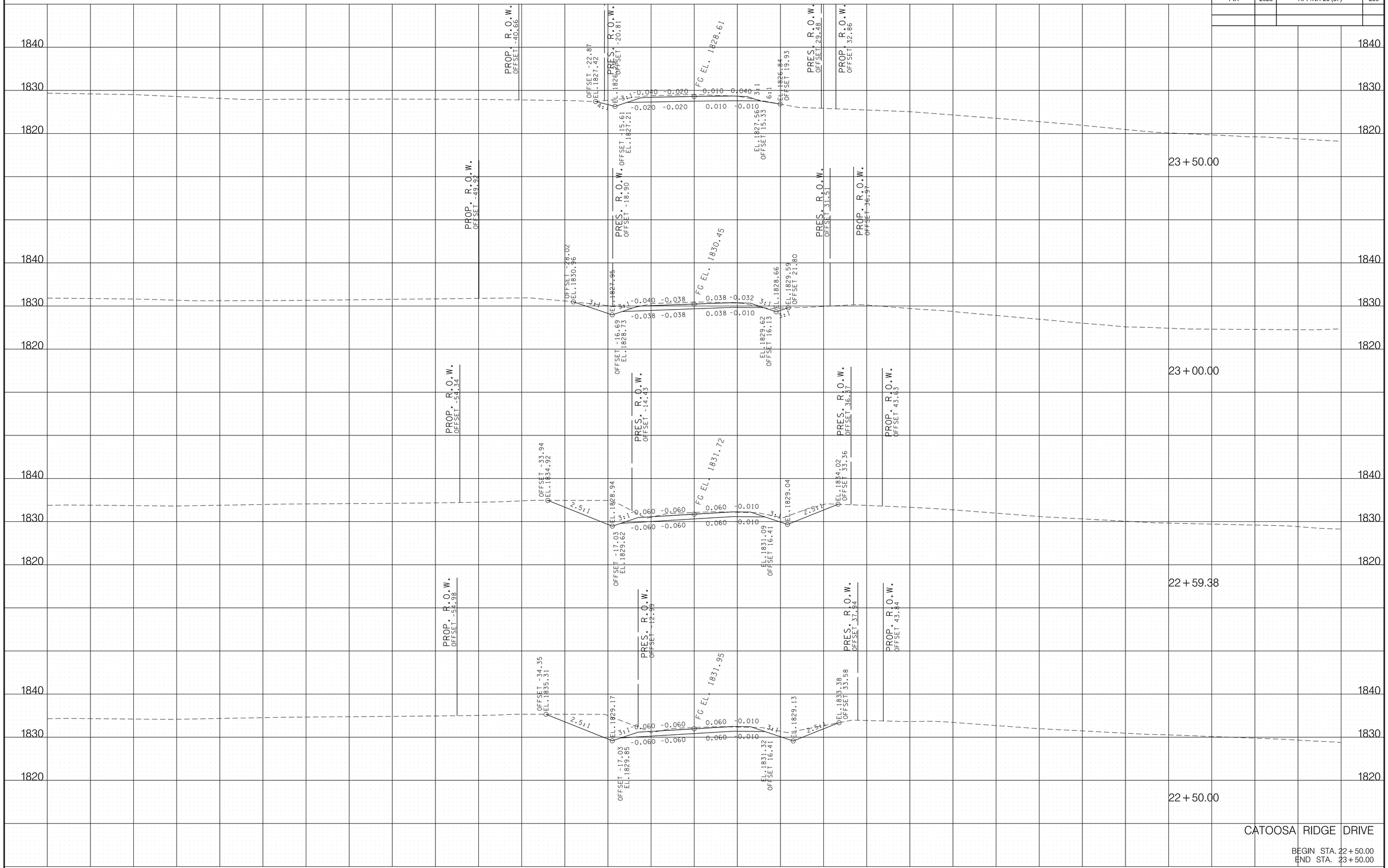


CATOOSA RIDGE DRIVE

BEGIN STA. 21 + 50.00
END STA. 22 + 42.66

1/30/2026 2:34:34 PM
P:\2009 Projects\09-05-0201 - SR-281Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	259
PIH	2025	HPP/NH-28 (37)	259

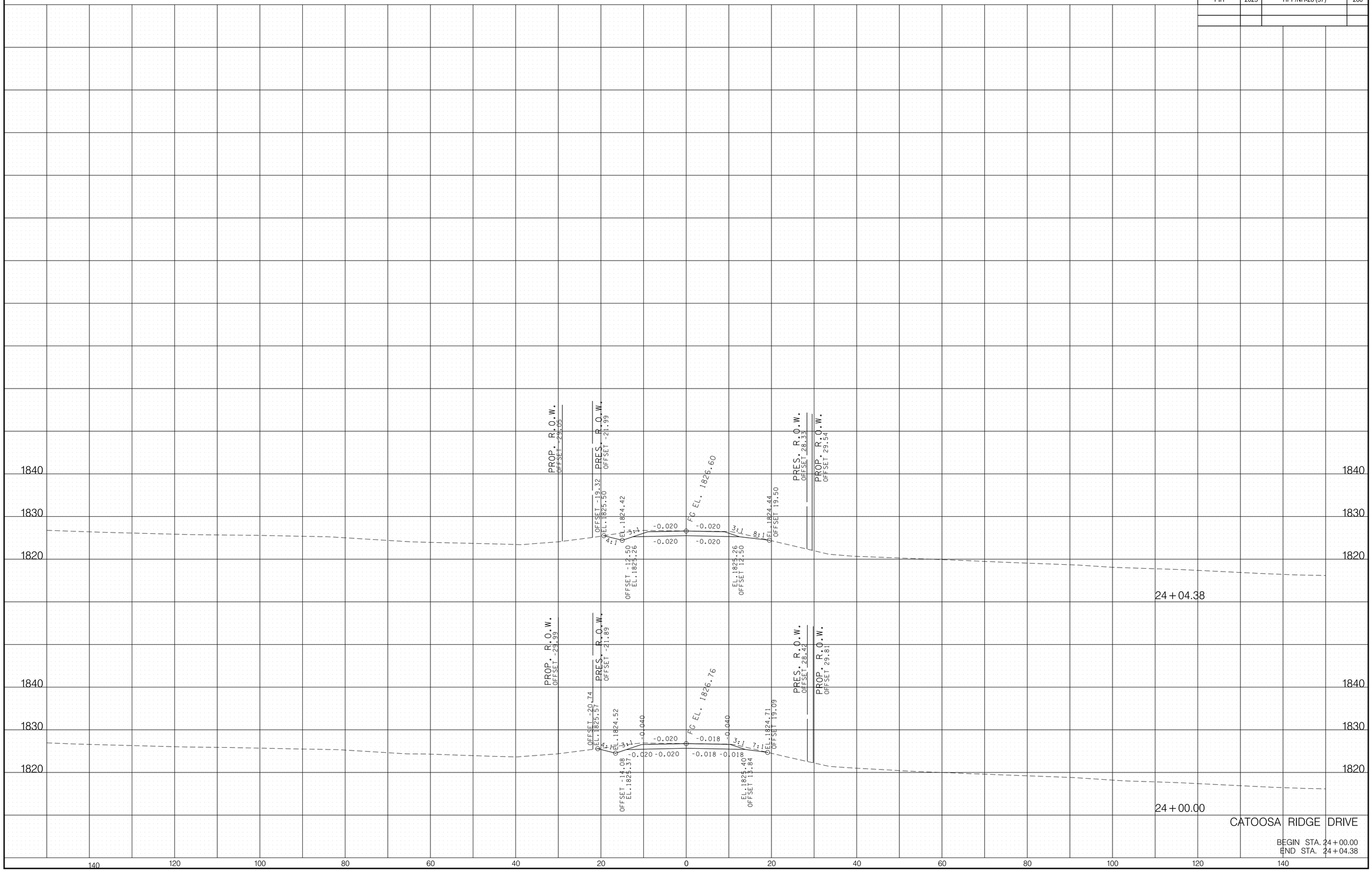


CATOOSA RIDGE DRIVE

BEGIN STA. 22+50.00
END STA. 23+50.00

1/30/2026 2:34:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	260
PIH	2025	HPP/NH-28 (37)	260

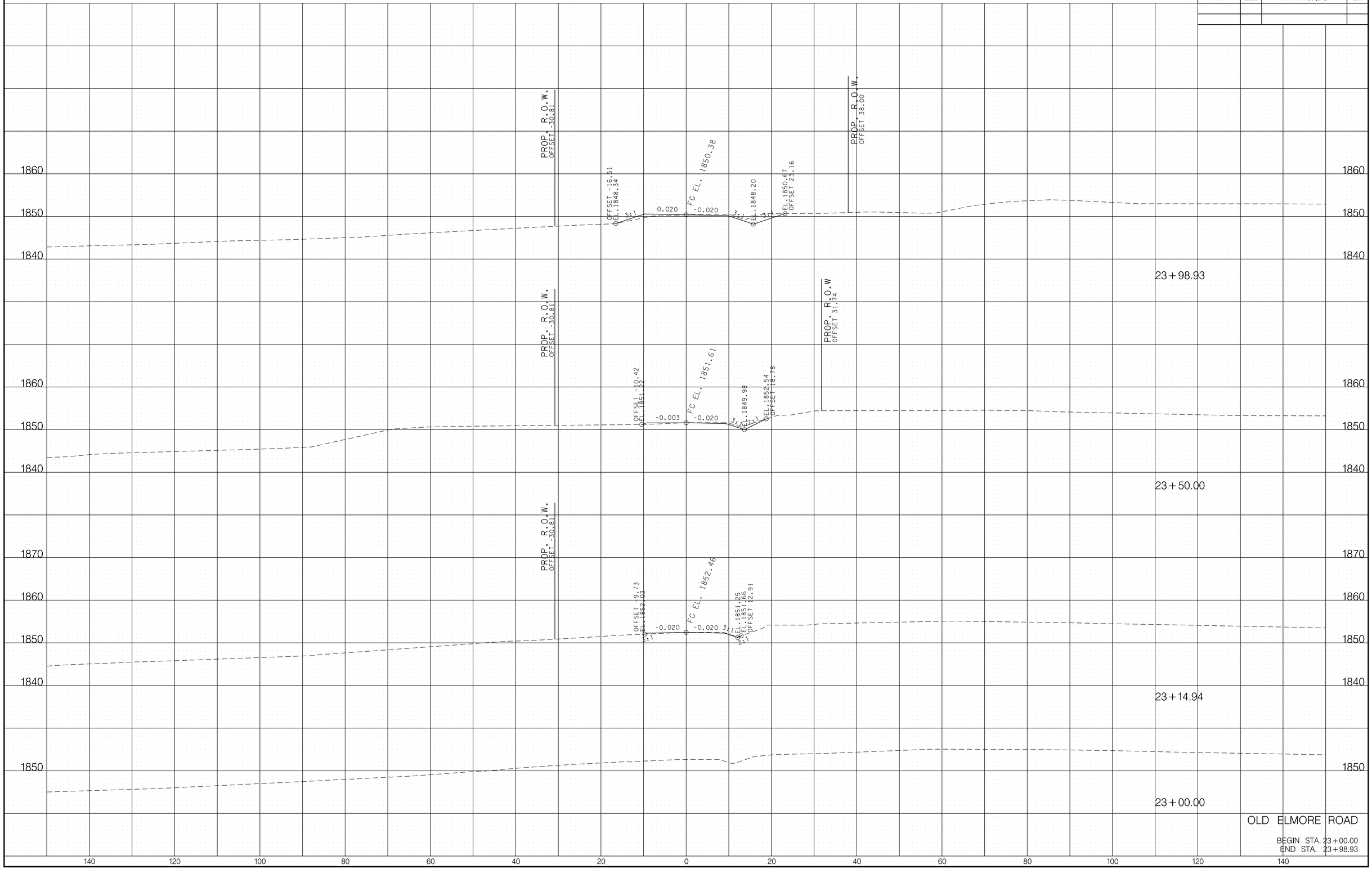


CATOOSA RIDGE DRIVE

BEGIN STA. 24 + 00.00
END STA. 24 + 04.38

1/30/2026 2:34:38 PM
P:\2009 Projects\09-05-0201 - SR-281\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	261
PIH	2025	HPP/NH-28 (37)	261



OLD ELMORE ROAD

BEGIN STA. 23 + 00.00
END STA. 23 + 98.93

1/30/2026 2:34:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	262
PIH	2025	HPP/NH-28 (37)	262

1860
1850
1840

PROP. R.O.W.
OFFSET -38.78

OFFSET -24.90
EL. 1849.35

OFFSET -17.65
EL. 1848.50

0.010 0.080
-0.010 0.080

FG EL. 1848.88

-0.080 -0.080
-0.080 -0.080

EL. 1846.31
OFFSET 18.34

EL. 1849.72
OFFSET 31.88

PROP. R.O.W.
OFFSET 50.98

25 + 24.93

PROP. R.O.W.
OFFSET -38.04

OFFSET -22.91
EL. 1848.62

OFFSET -17.50
EL. 1848.48

-0.002 0.068
-0.010 0.068

FG EL. 1848.97

-0.068 -0.068
-0.068 -0.068

EL. 1846.63
OFFSET 18.15

EL. 1849.45
OFFSET 30.30

PROP. R.O.W.
OFFSET 46.63

25 + 00.00

PROP. R.O.W.
OFFSET -31.82

OFFSET -18.30
EL. 1847.70

OFFSET -15.21
EL. 1848.68

0.026 0.044
-0.010 0.044

FG EL. 1849.41

-0.044 -0.044
-0.044 -0.044

EL. 1847.52
OFFSET 15.80

EL. 1846.79

EL. 1849.76
OFFSET 26.63

PROP. R.O.W.
OFFSET 40.22

24 + 50.00

PROP. R.O.W.
OFFSET -30.81

OFFSET -16.57
EL. 1848.31

OFFSET -12.92
EL. 1849.52

0.021
0.021

FG EL. 1850.36

-0.021
-0.021

OFFSET 13.08
EL. 1849.07

EL. 1848.16

EL. 1850.60
OFFSET 23.14

PROP. R.O.W.
OFFSET 38.07

24 + 00.00

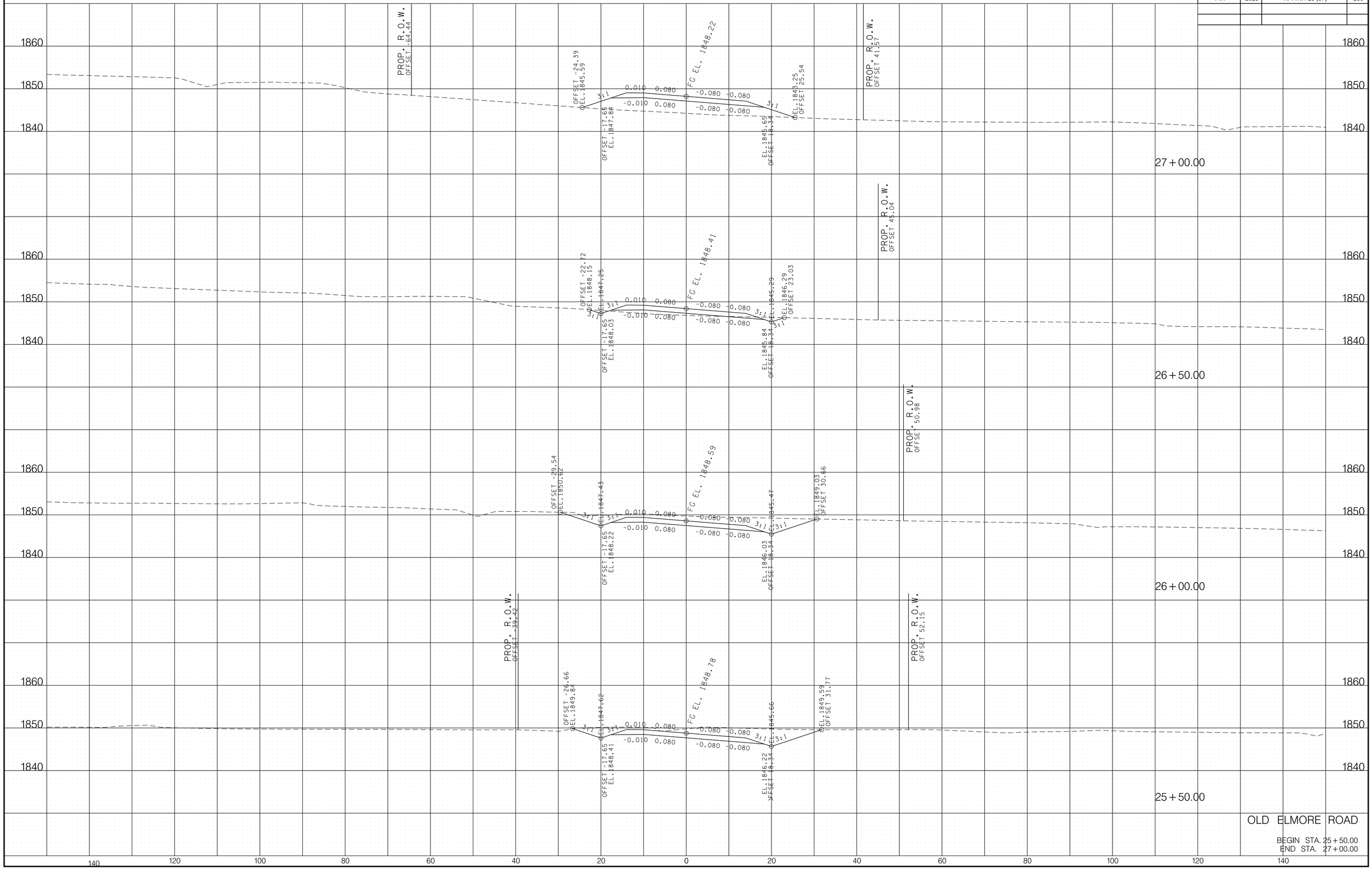
OLD ELMORE ROAD

BEGIN STA. 24 + 00.00
END STA. 25 + 24.93

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

1/30/2026 2:34:43 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	263
PIH	2025	HPP/NH-28 (37)	263

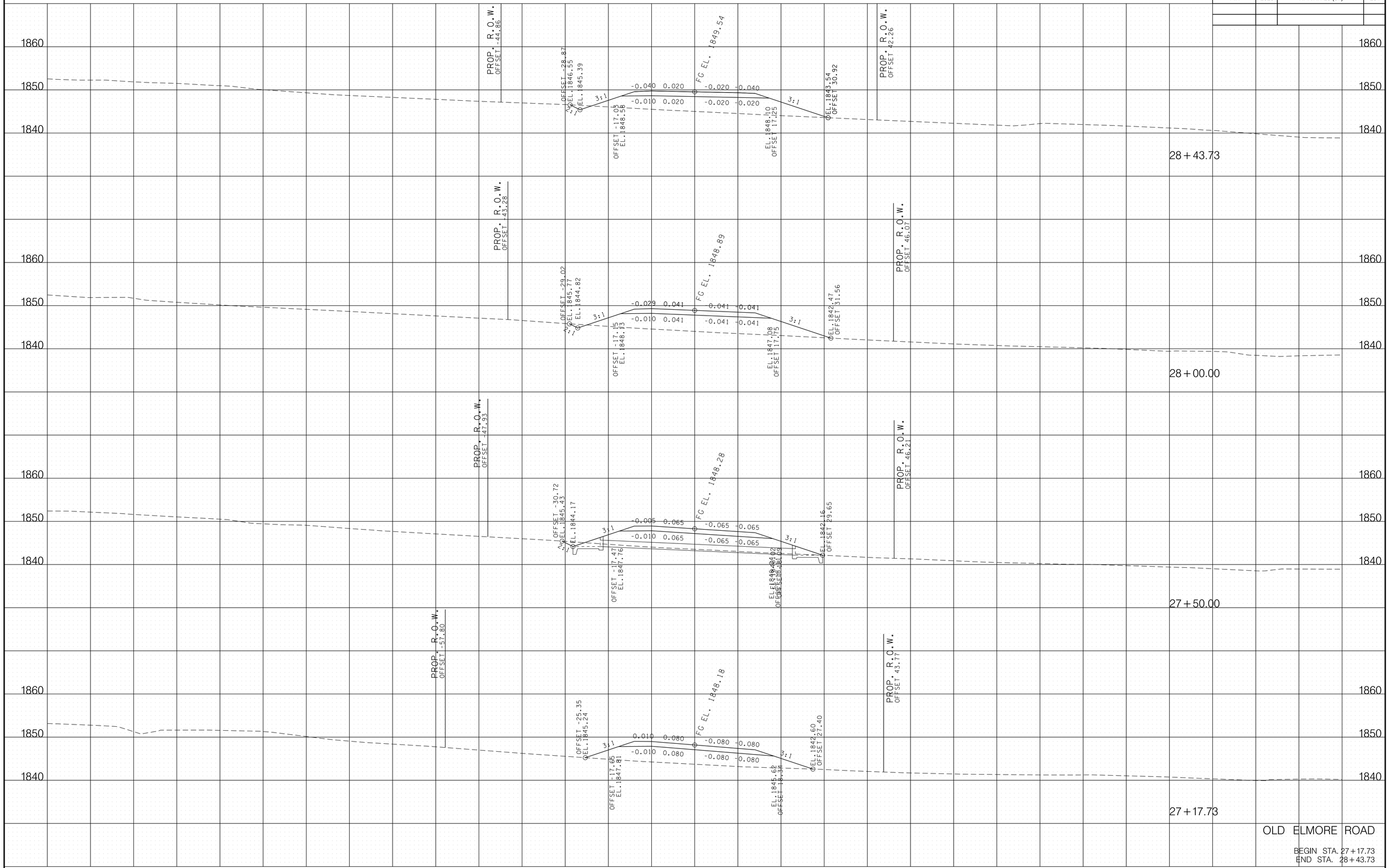


OLD ELMORE ROAD

BEGIN STA. 25 + 50.00
END STA. 27 + 00.00

1/30/2026 2:34:45 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	264
PIH	2025	HPP/NH-28 (37)	264

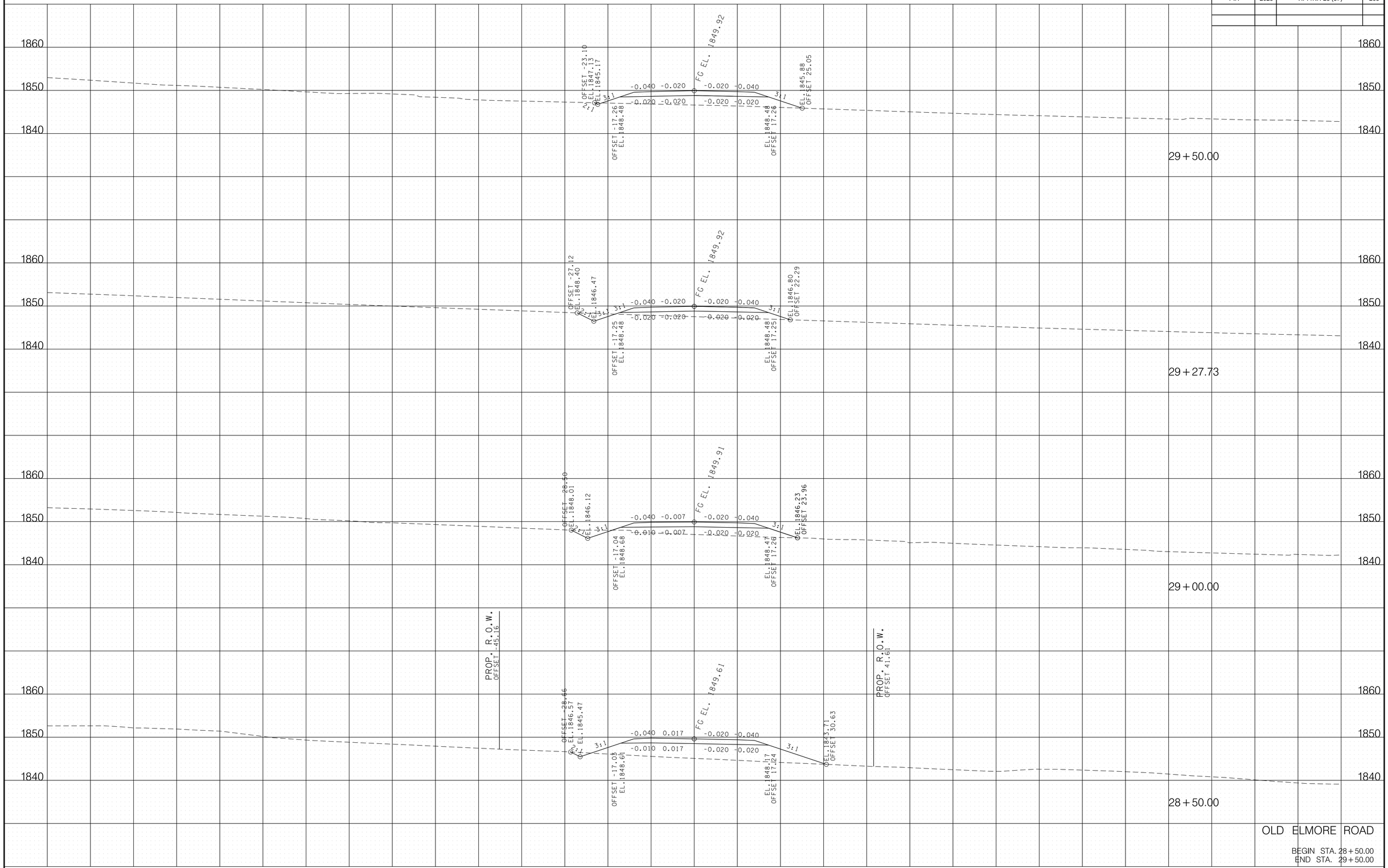


OLD ELMORE ROAD

BEGIN STA. 27 + 17.73
END STA. 28 + 43.73

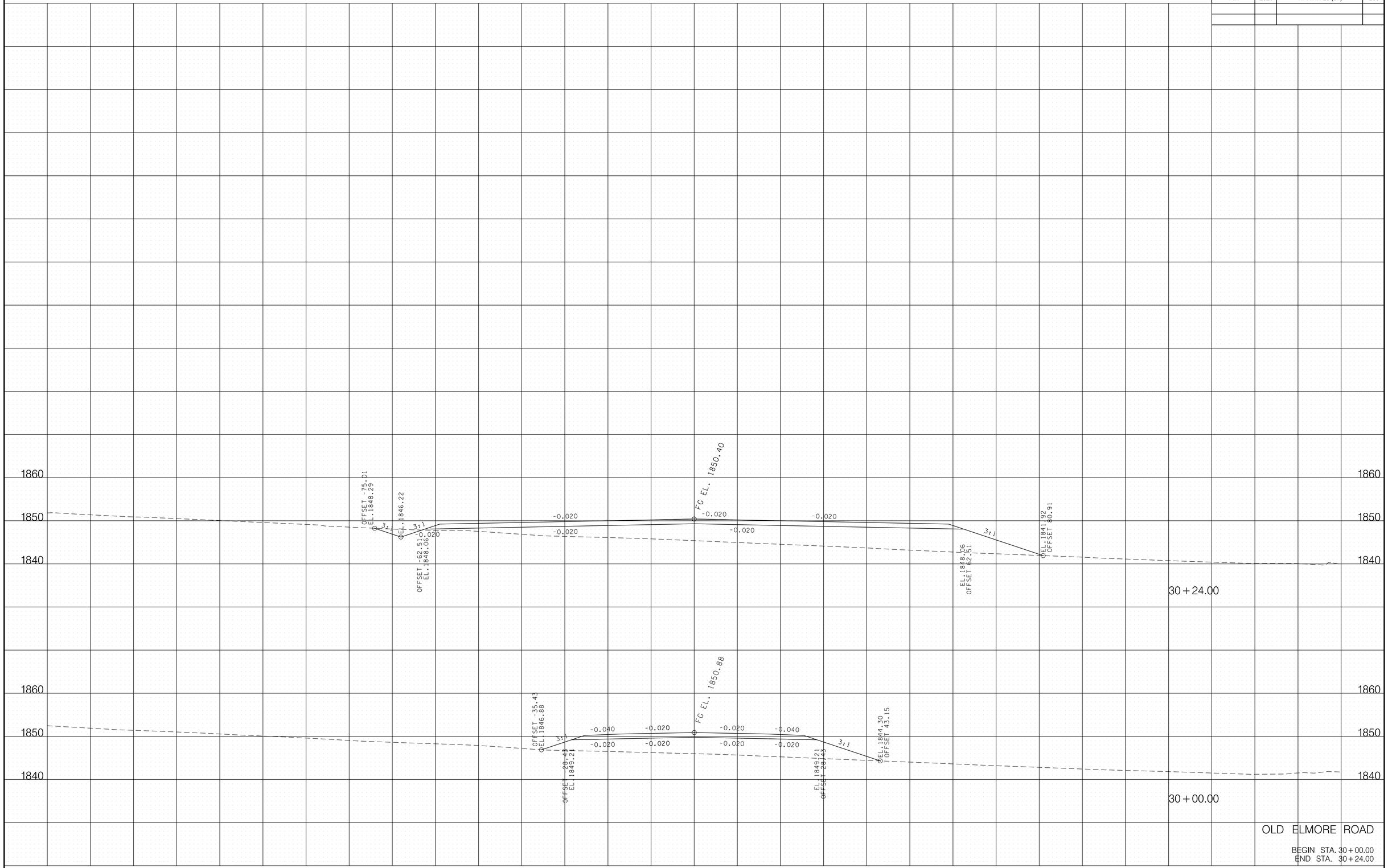
1/30/2026 2:34:47 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	265
PIH	2025	HPP/NH-28 (37)	265



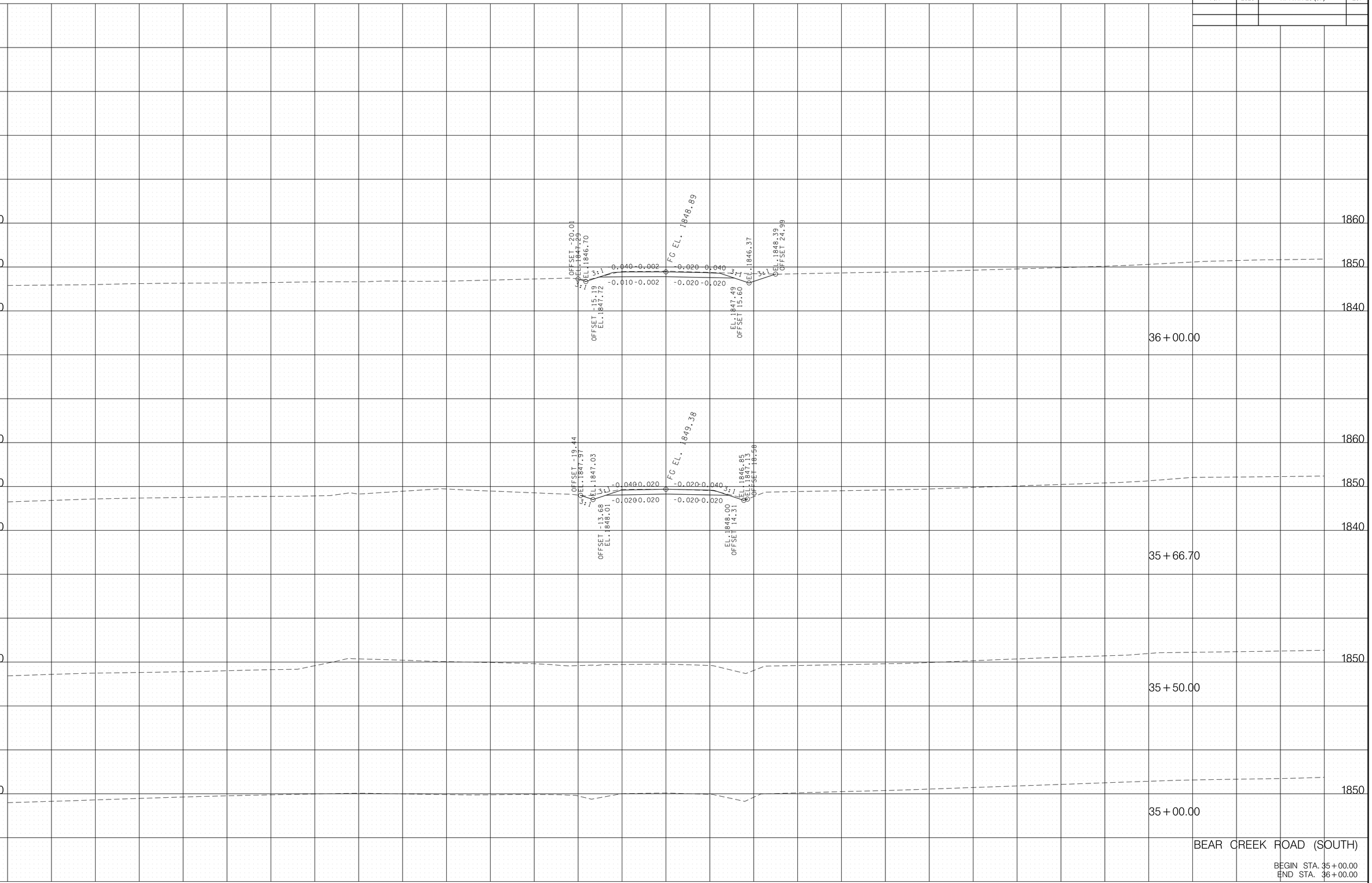
1/30/2026 2:34:49 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	266
PIH	2025	HPP/NH-28 (37)	266



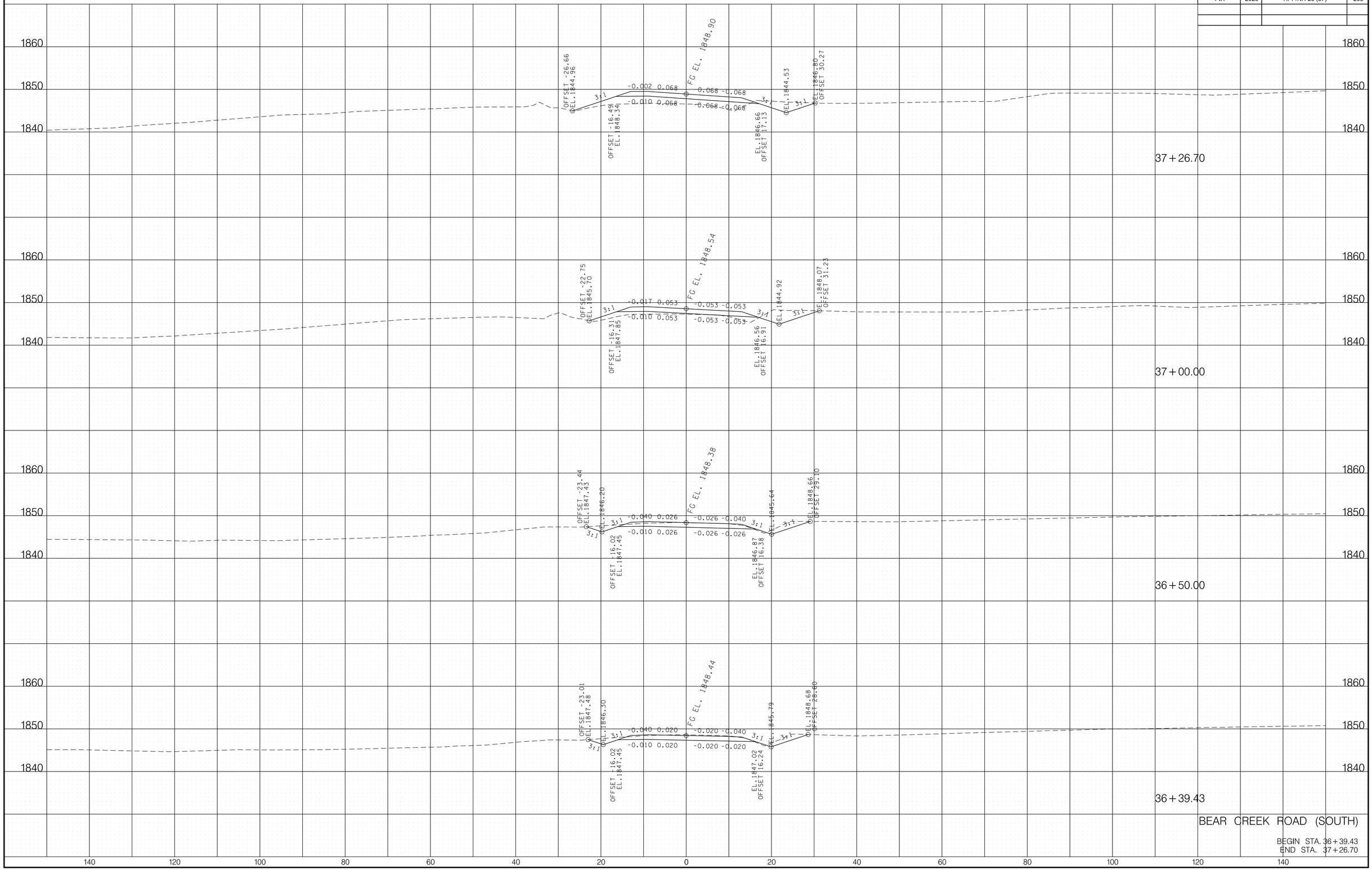
1/30/2026 2:34:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	267
PIH	2025	HPP/NH-28 (37)	267



1/30/2026 2:34:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	268
PIH	2025	HPP/NH-28 (37)	268

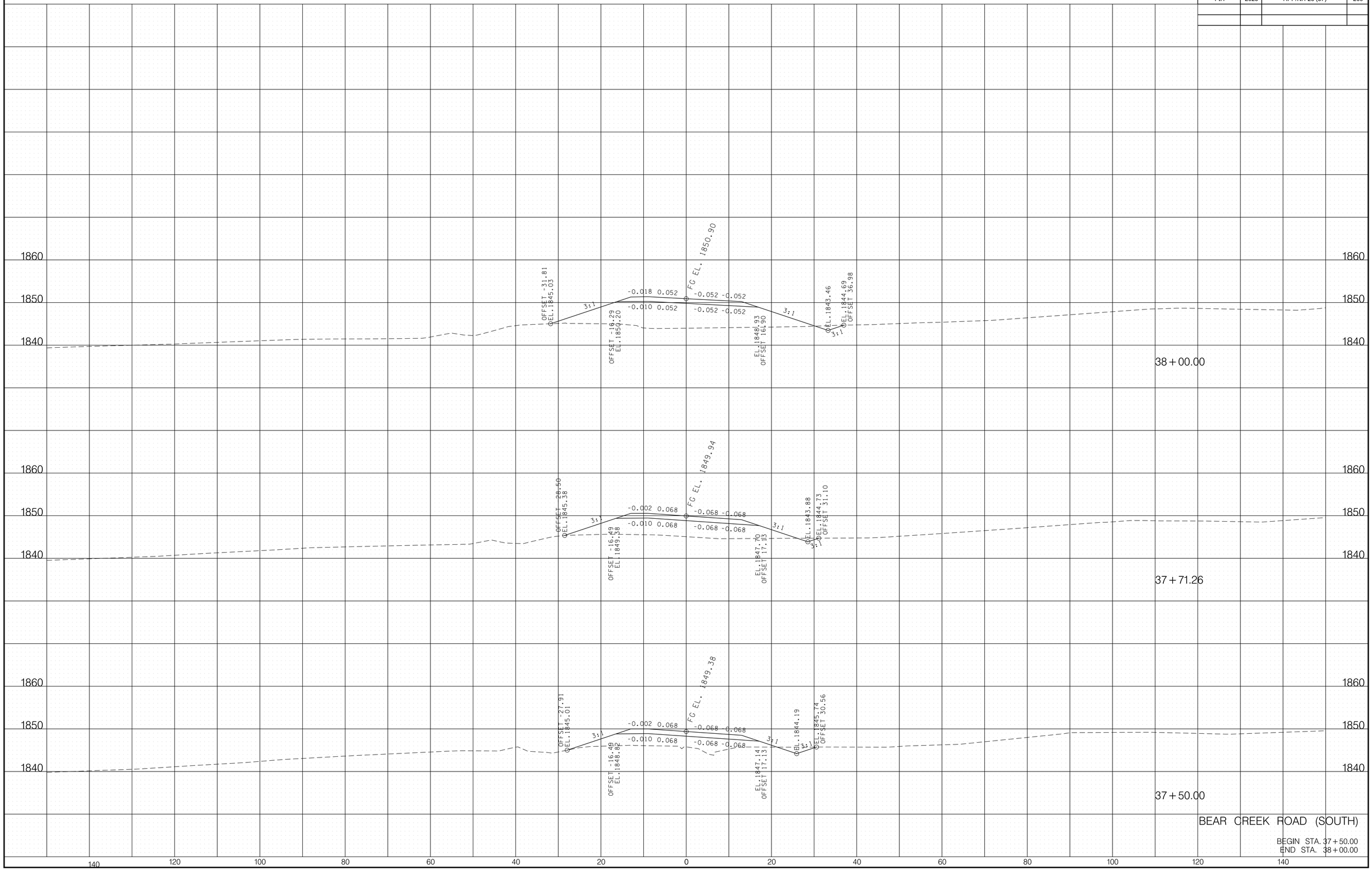


BEAR CREEK ROAD (SOUTH)

BEGIN STA. 36 + 39.43
END STA. 37 + 26.70

1/30/2026 2:34:56 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	269
PIH	2025	HPP/NH-28 (37)	269

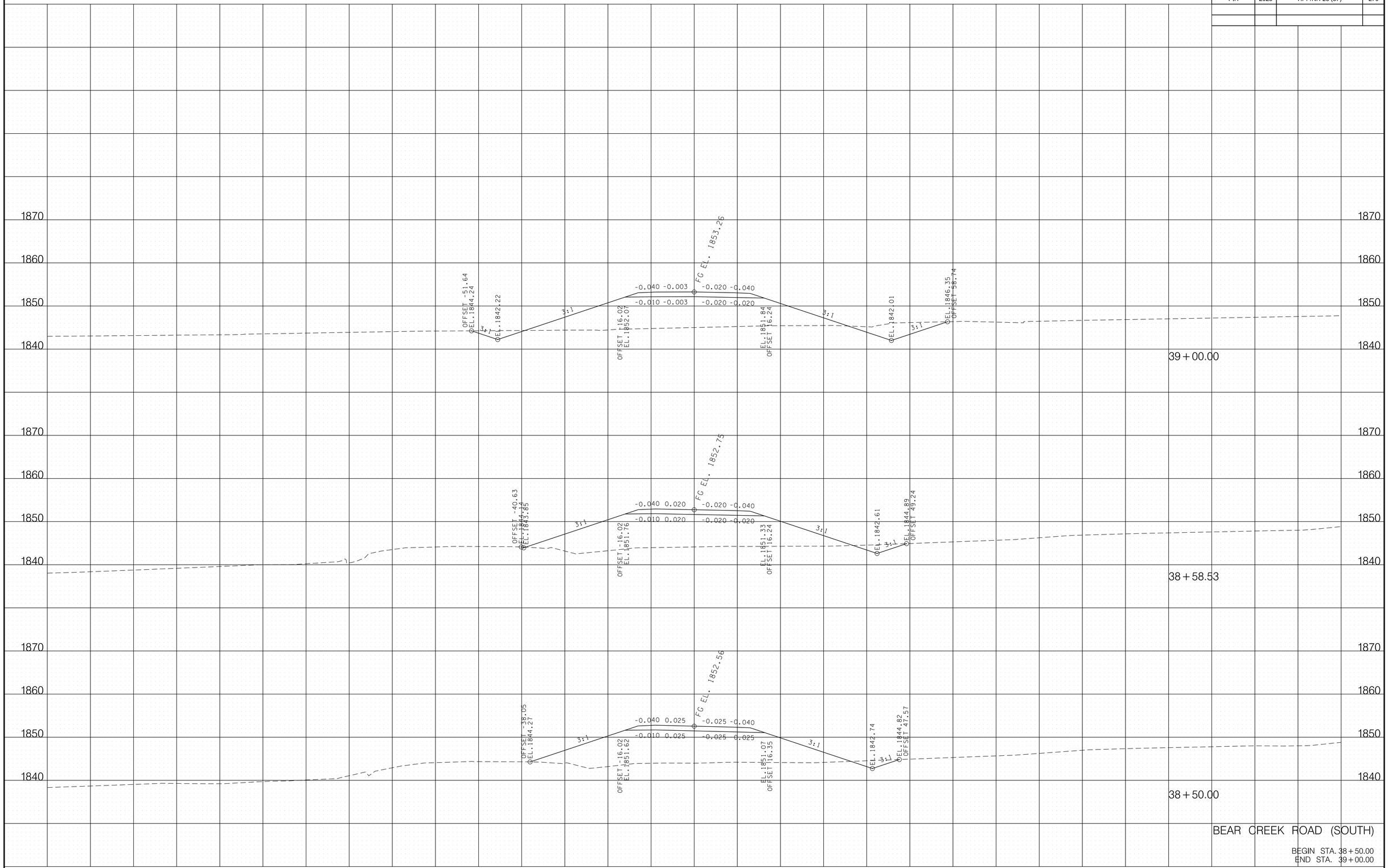


BEAR CREEK ROAD (SOUTH)

BEGIN STA. 37 + 50.00
END STA. 38 + 00.00

1/30/2026 2:34:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	270
PIH	2025	HPP/NH-28 (37)	270

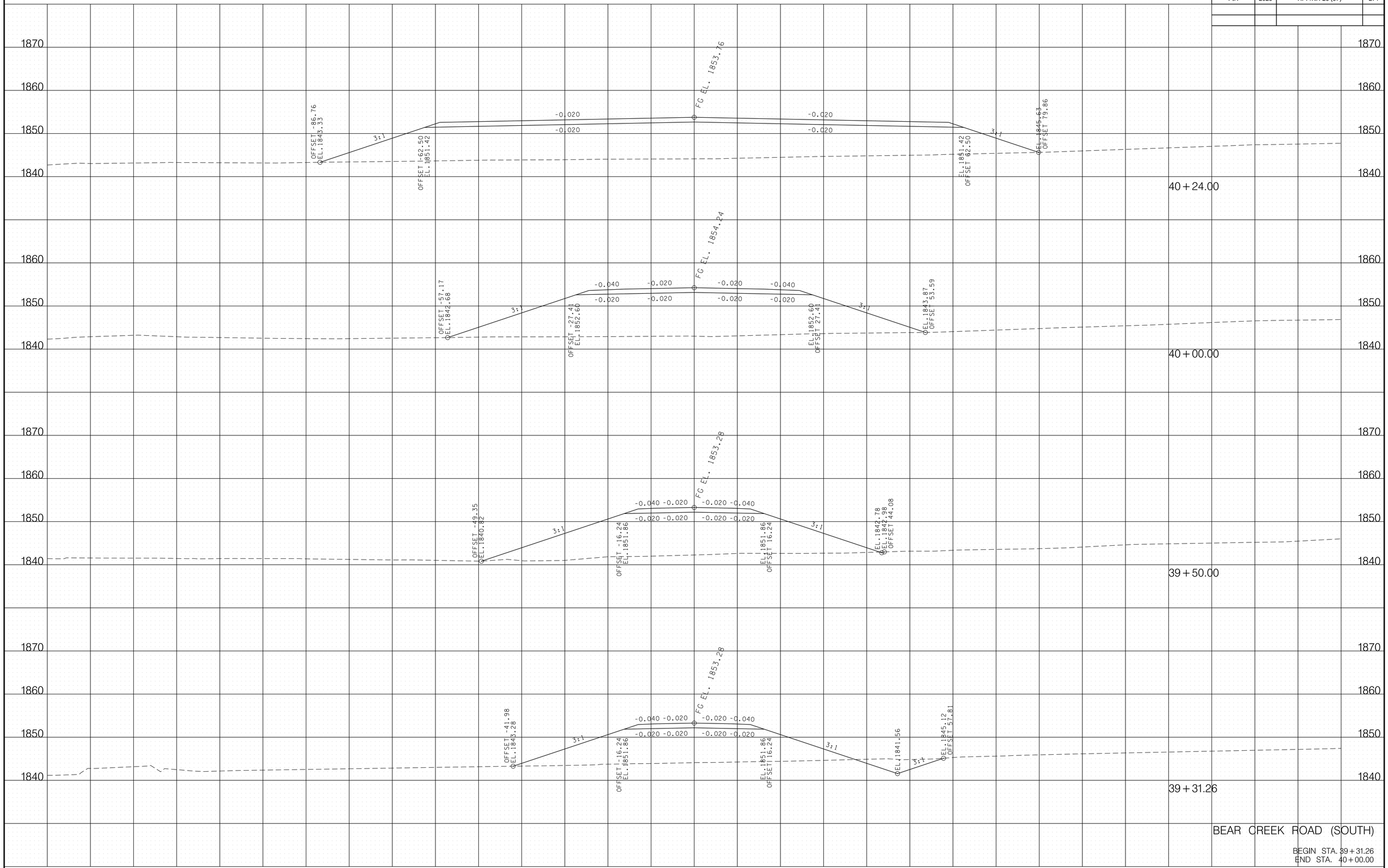


BEAR CREEK ROAD (SOUTH)

BEGIN STA. 38 + 50.00
END STA. 39 + 00.00

1/30/2026 2:35:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	271
PIH	2025	HPP/NH-28 (37)	271

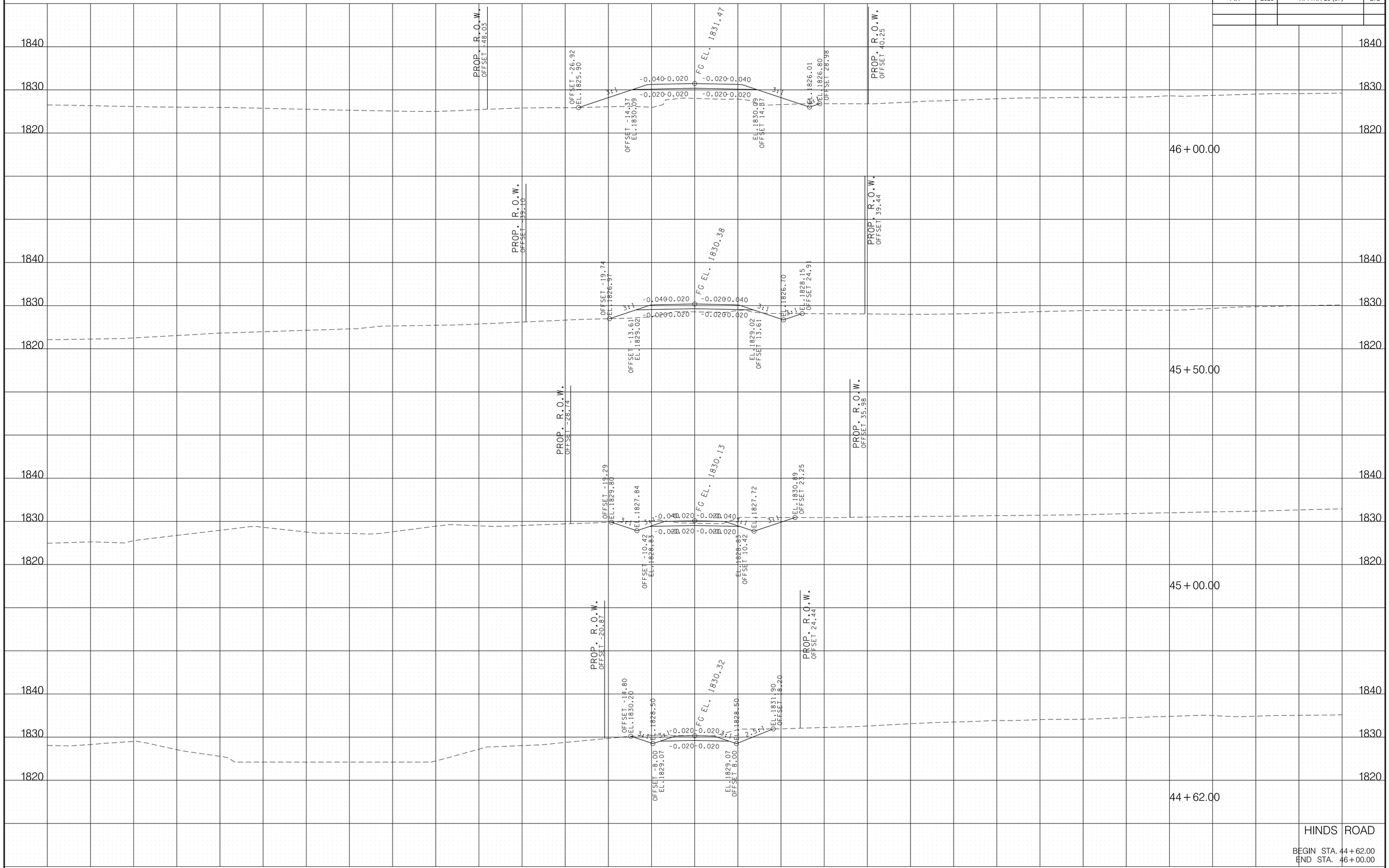


BEAR CREEK ROAD (SOUTH)

BEGIN STA. 39 + 31.26
END STA. 40 + 00.00

1/30/2026 2:35:02 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	272
PIH	2025	HPP/NH-28 (37)	272

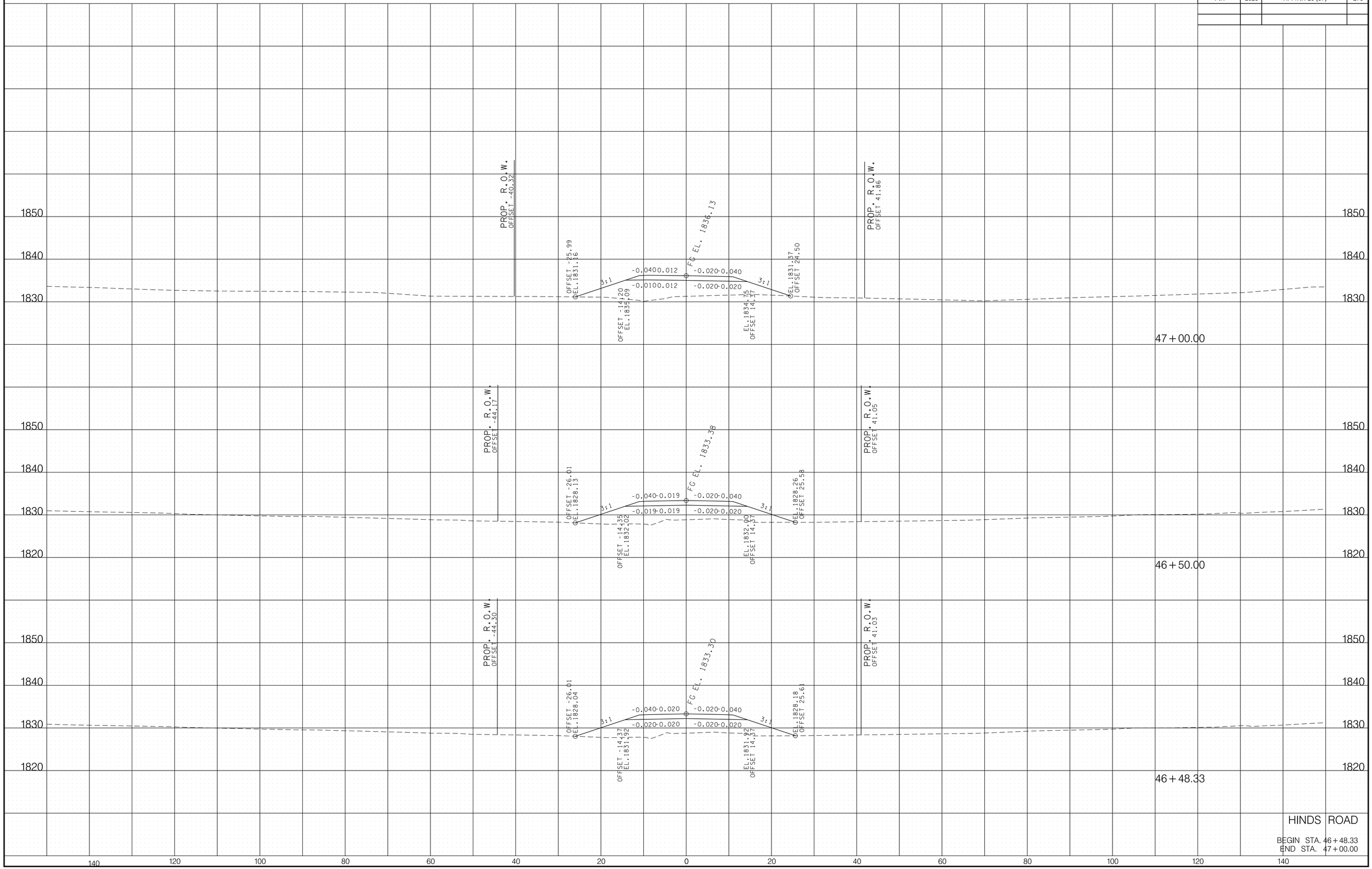


HINDS ROAD

BEGIN STA. 44 + 62.00
END STA. 46 + 00.00

1/30/2026 2:35:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	273
PIH	2025	HPP/NH-28 (37)	273

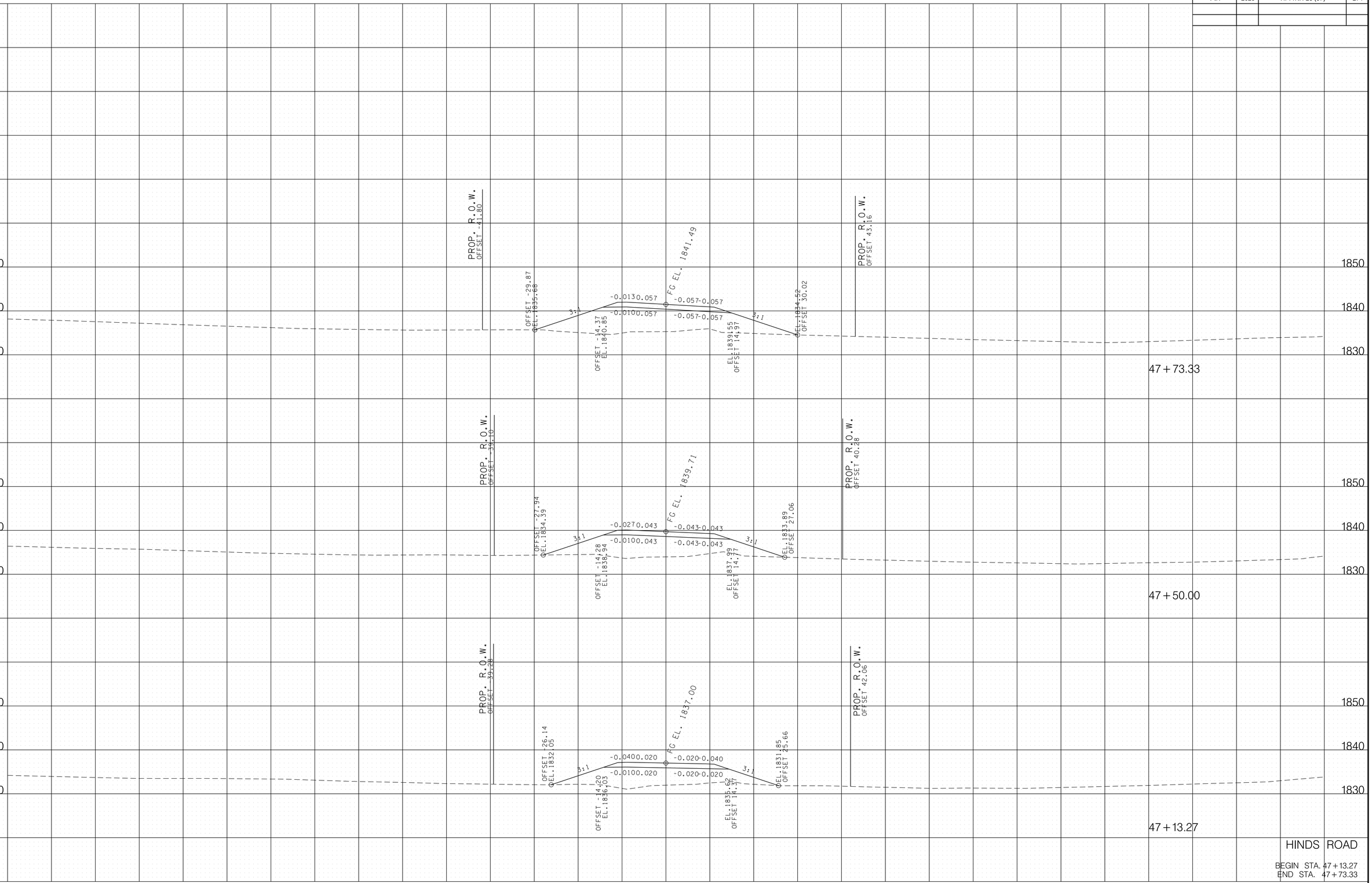


HINDS ROAD

BEGIN STA. 46 + 48.33
END STA. 47 + 00.00

1/30/2026 2:35:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	274
PIH	2025	HPP/NH-28 (37)	274

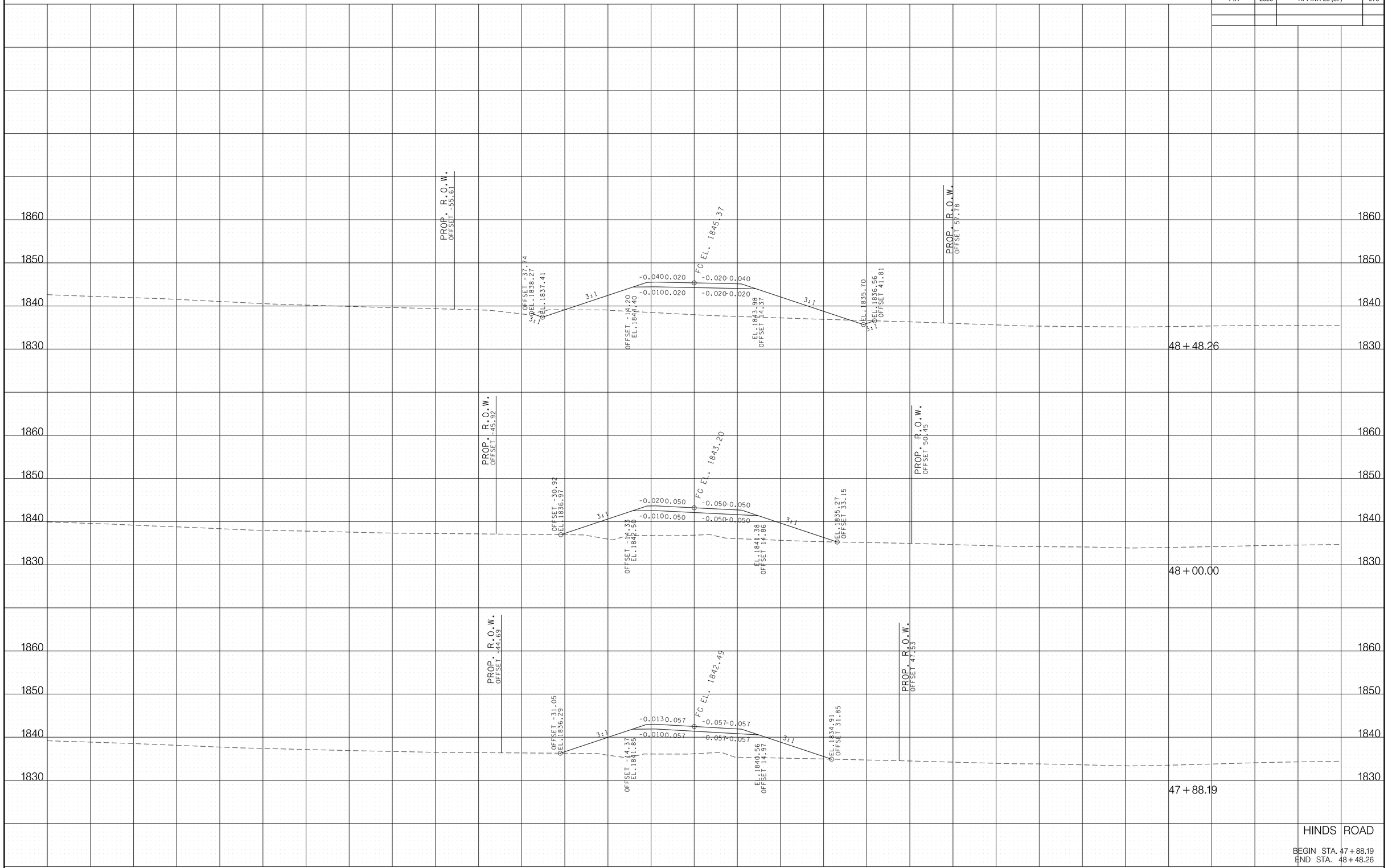


HINDS ROAD

BEGIN STA. 47+13.27
END STA. 47+73.33

1/30/2026 2:35:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	275
PIH	2025	HPP/NH-28 (37)	275

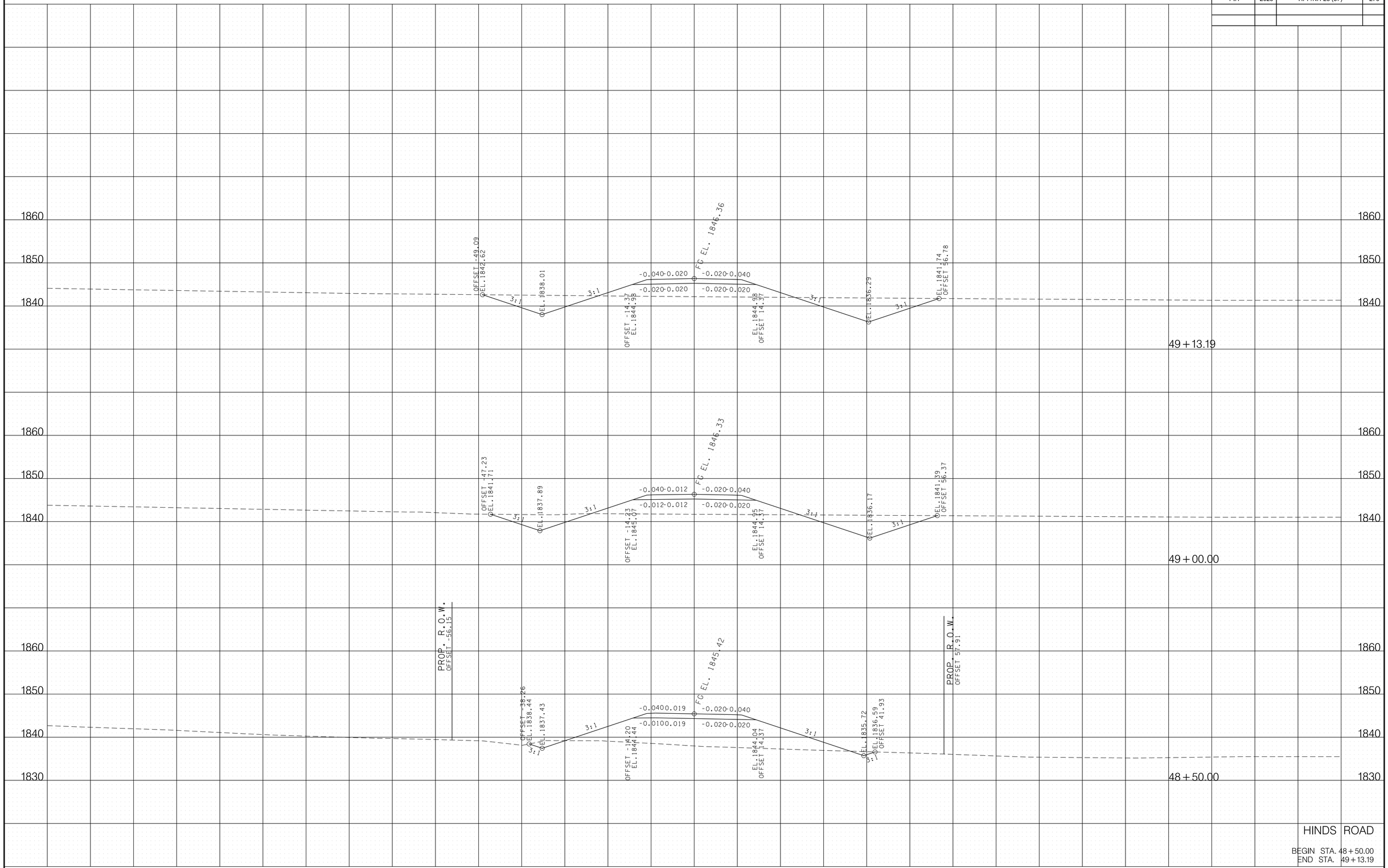


HINDS ROAD

BEGIN STA. 47+88.19
END STA. 48+48.26

1/30/2026 2:35:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	276
PIH	2025	HPP/NH-28 (37)	276

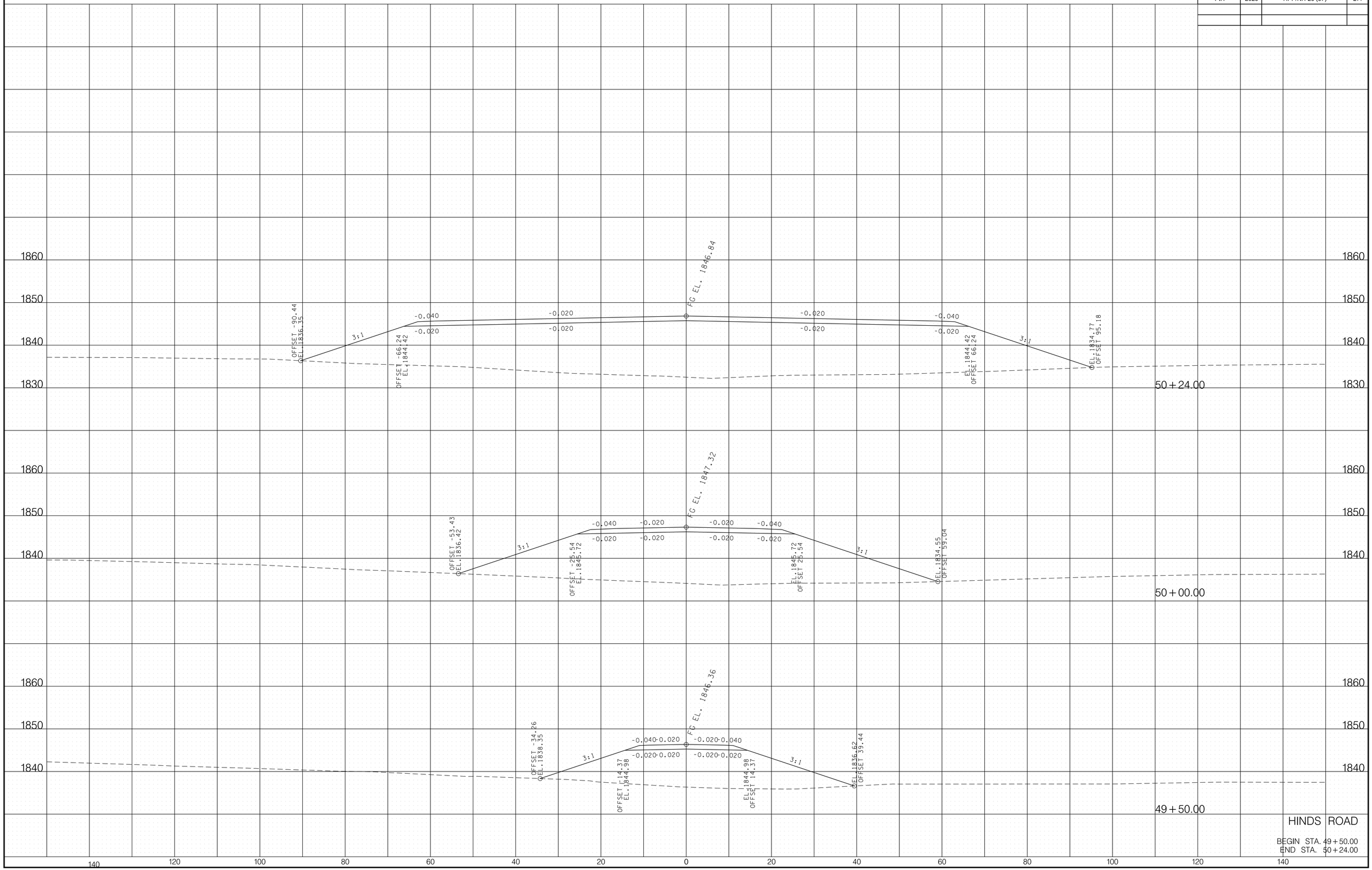


HINDS ROAD

BEGIN STA. 48 + 50.00
END STA. 49 + 13.19

1/30/2026 2:35:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	277
PIH	2025	HPP/NH-28 (37)	277

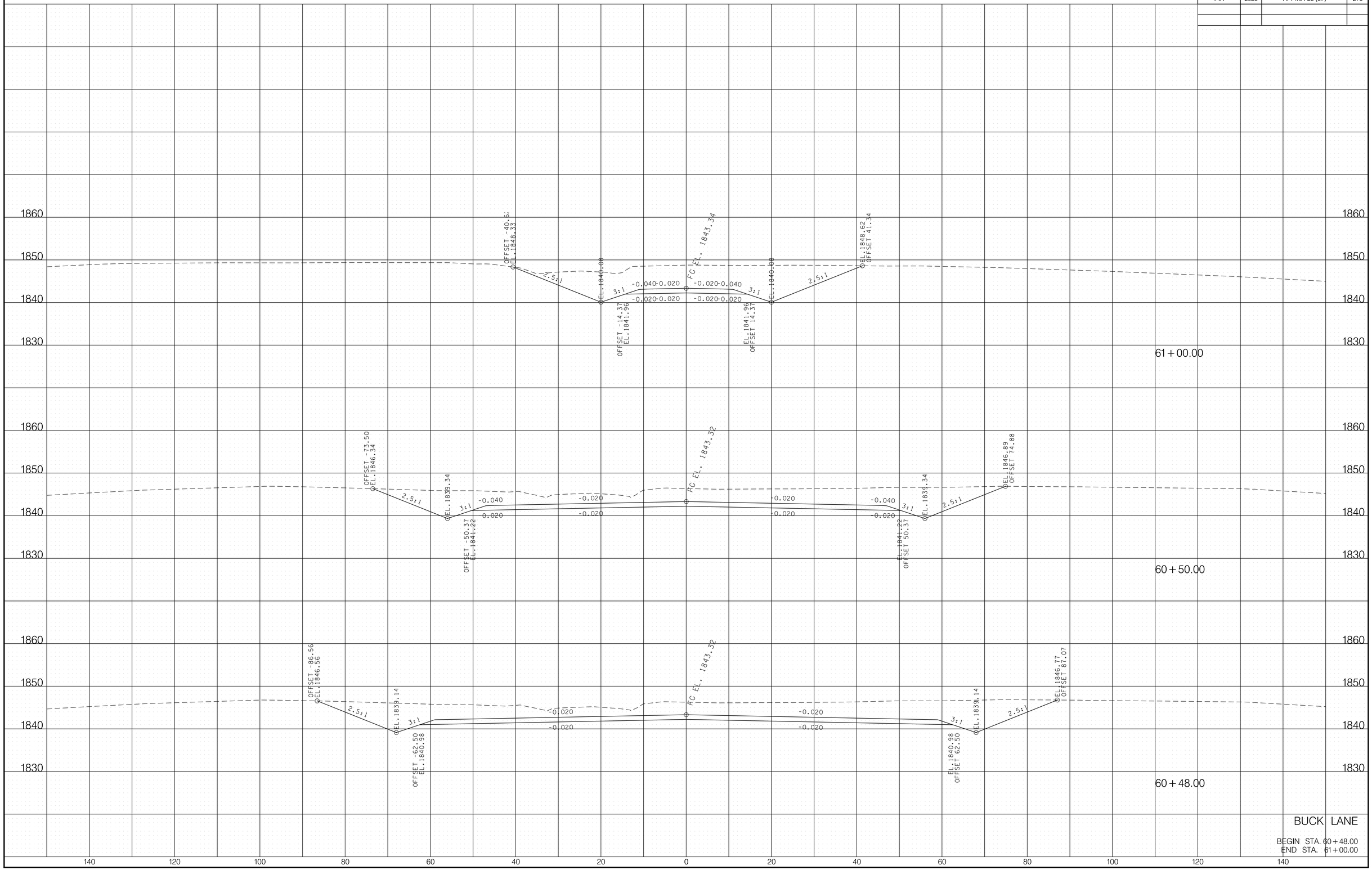


HINDS ROAD

BEGIN STA. 49+50.00
END STA. 50+24.00

1/30/2026 2:35:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	278
PIH	2025	HPP/NH-28 (37)	278

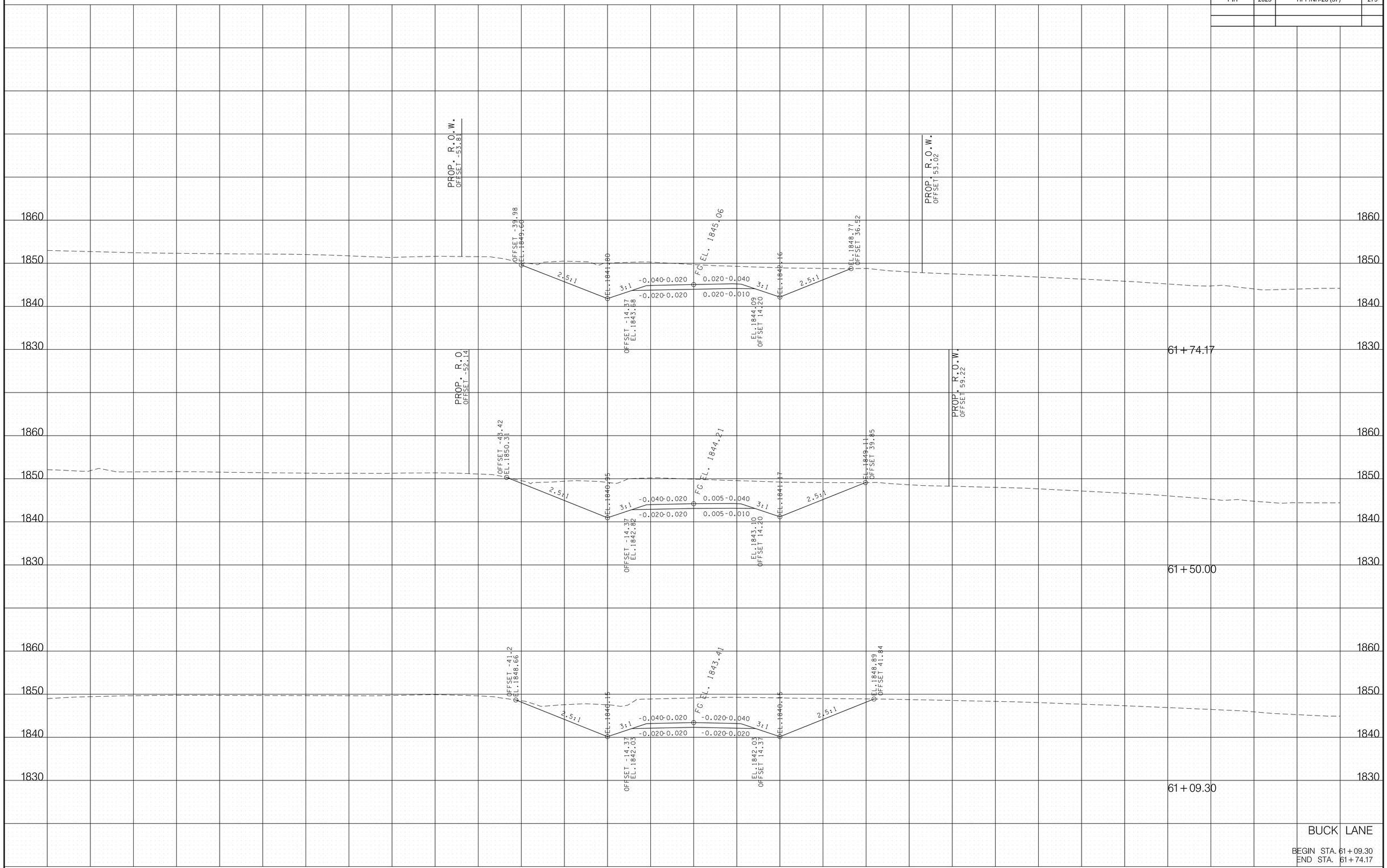


BUCK LANE

BEGIN STA. 60 + 48.00
END STA. 61 + 00.00

1/30/2026 2:35:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	279
PIH	2025	HPP/NH-28 (37)	279

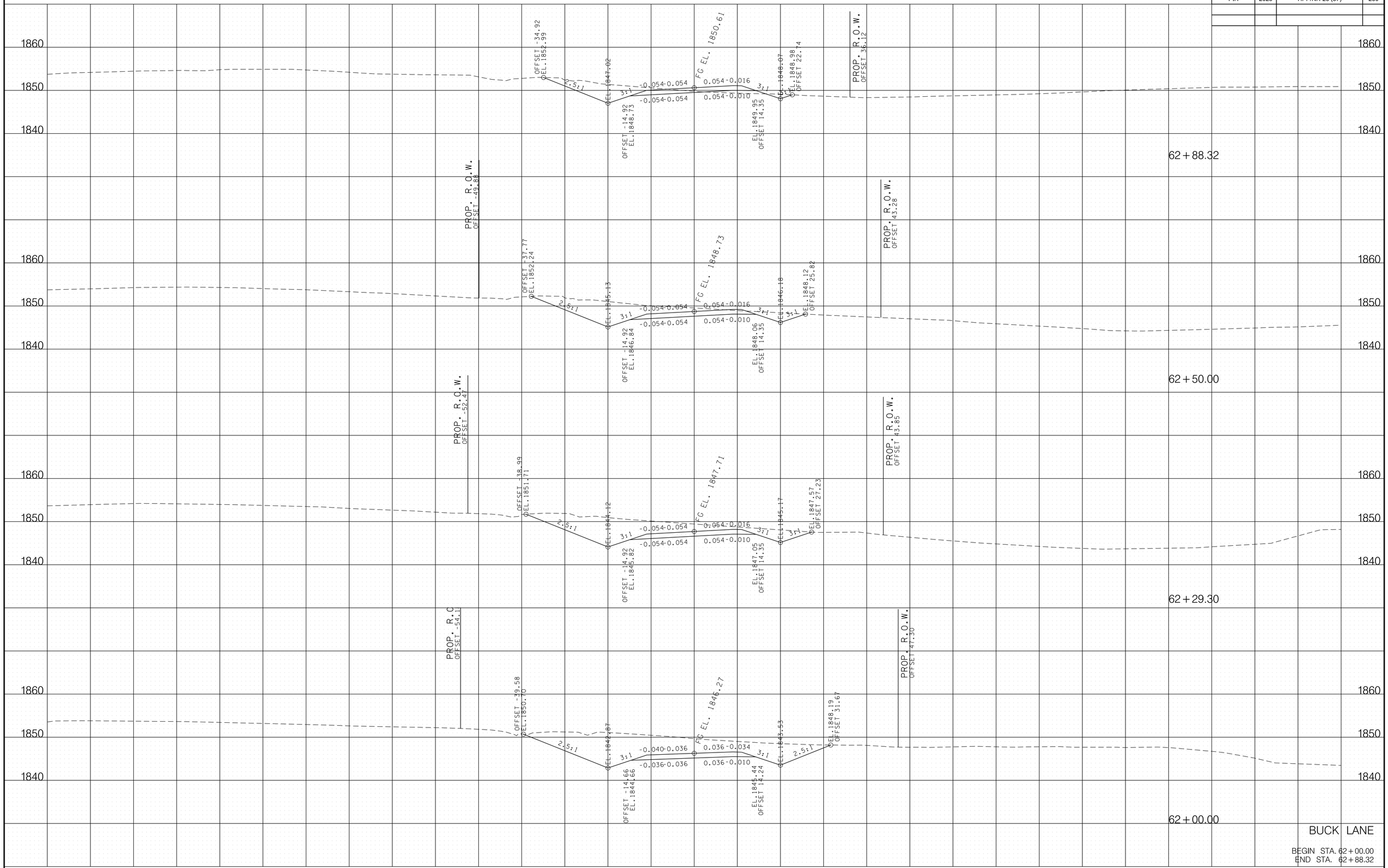


BUCK LANE

BEGIN STA. 61+09.30
END STA. 61+74.17

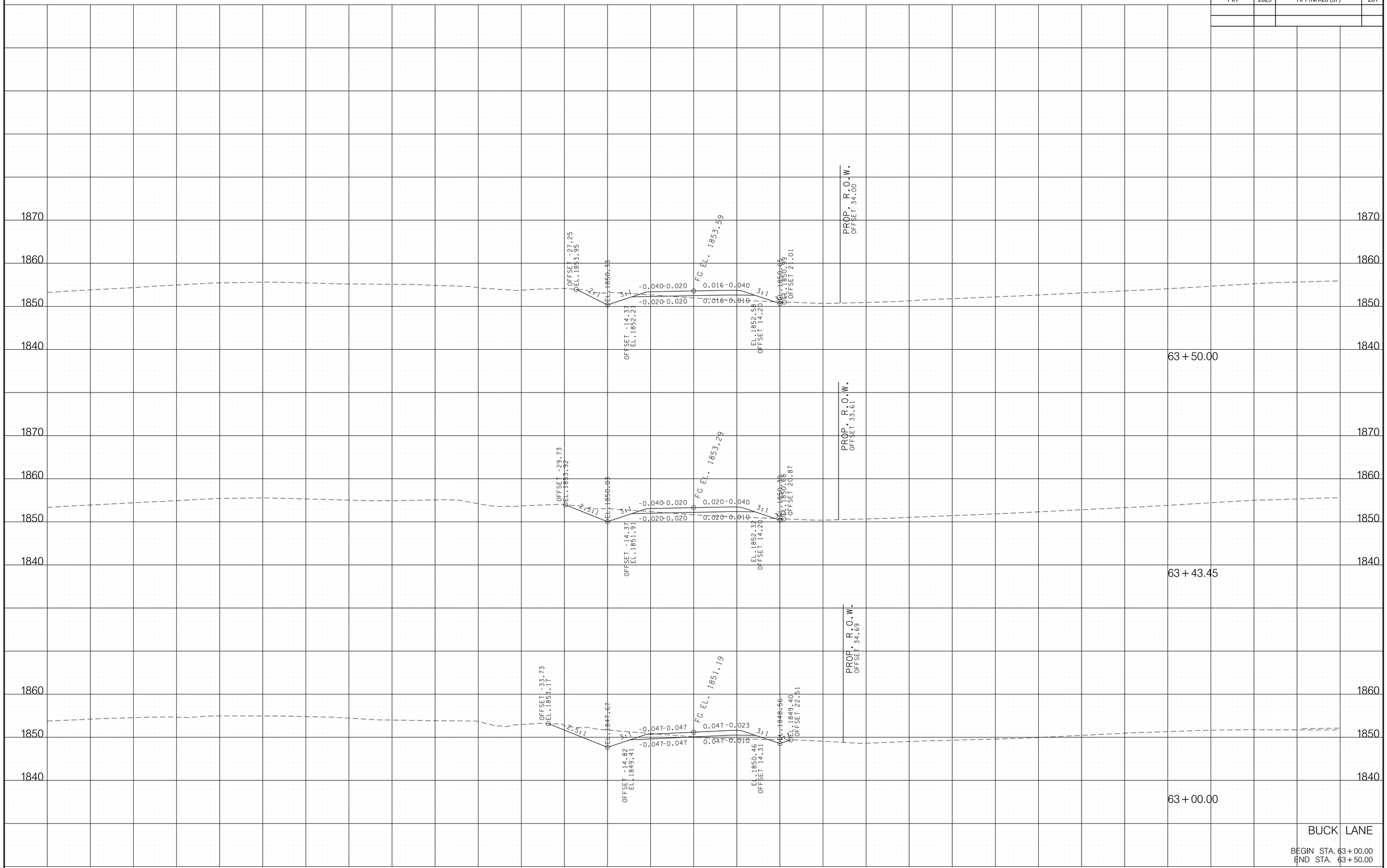
1/30/2026 2:35:19 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	280
PIH	2025	HPP/NH-28 (37)	280



1/30/2026 2:35:21 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	281
PIH	2025	HPP/NH-28 (37)	281

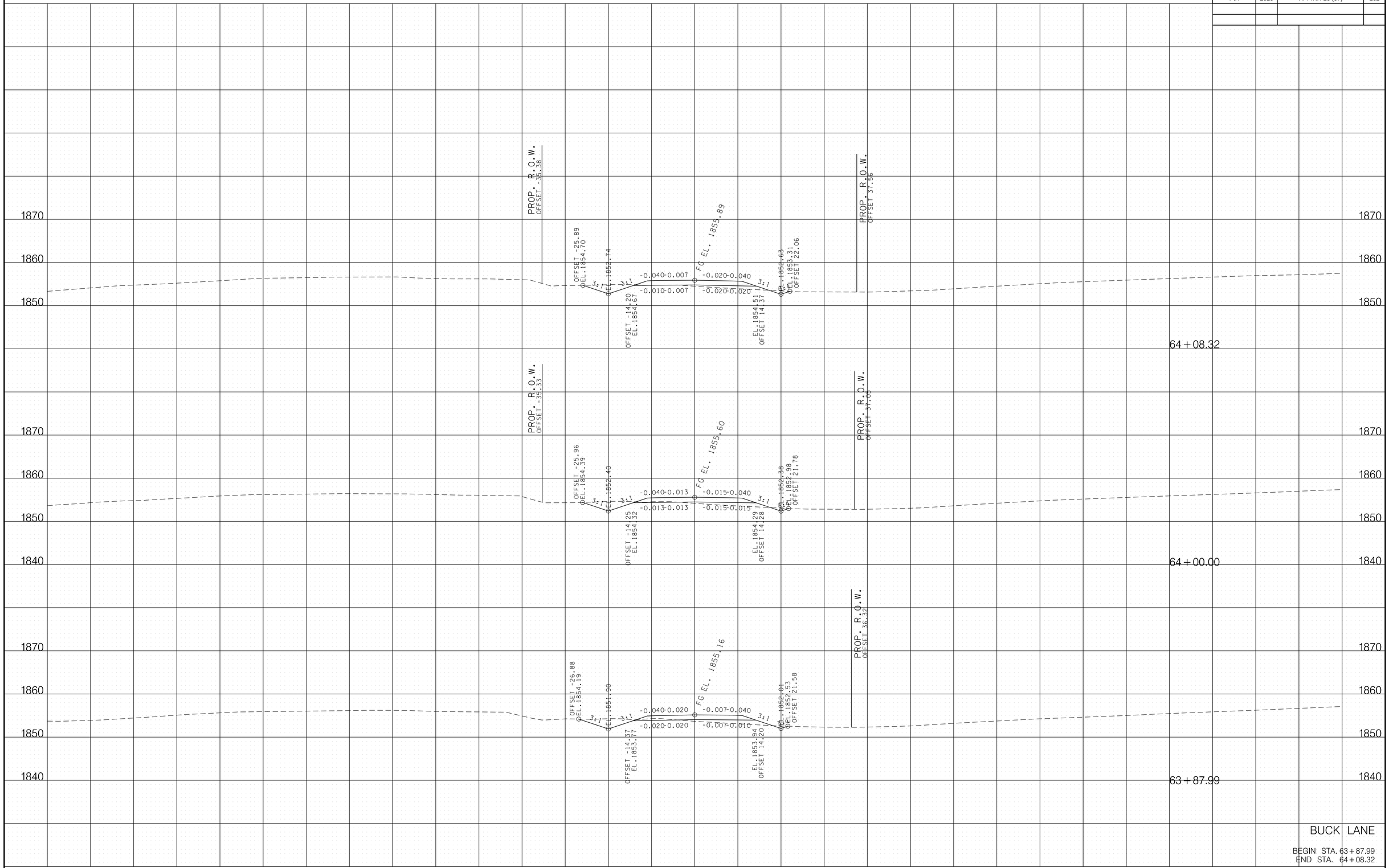


BUCK LANE

BEGIN STA. 63 + 00.00
END STA. 63 + 50.00

1/30/2026 2:35:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	282
PIH	2025	HPP/NH-28 (37)	282

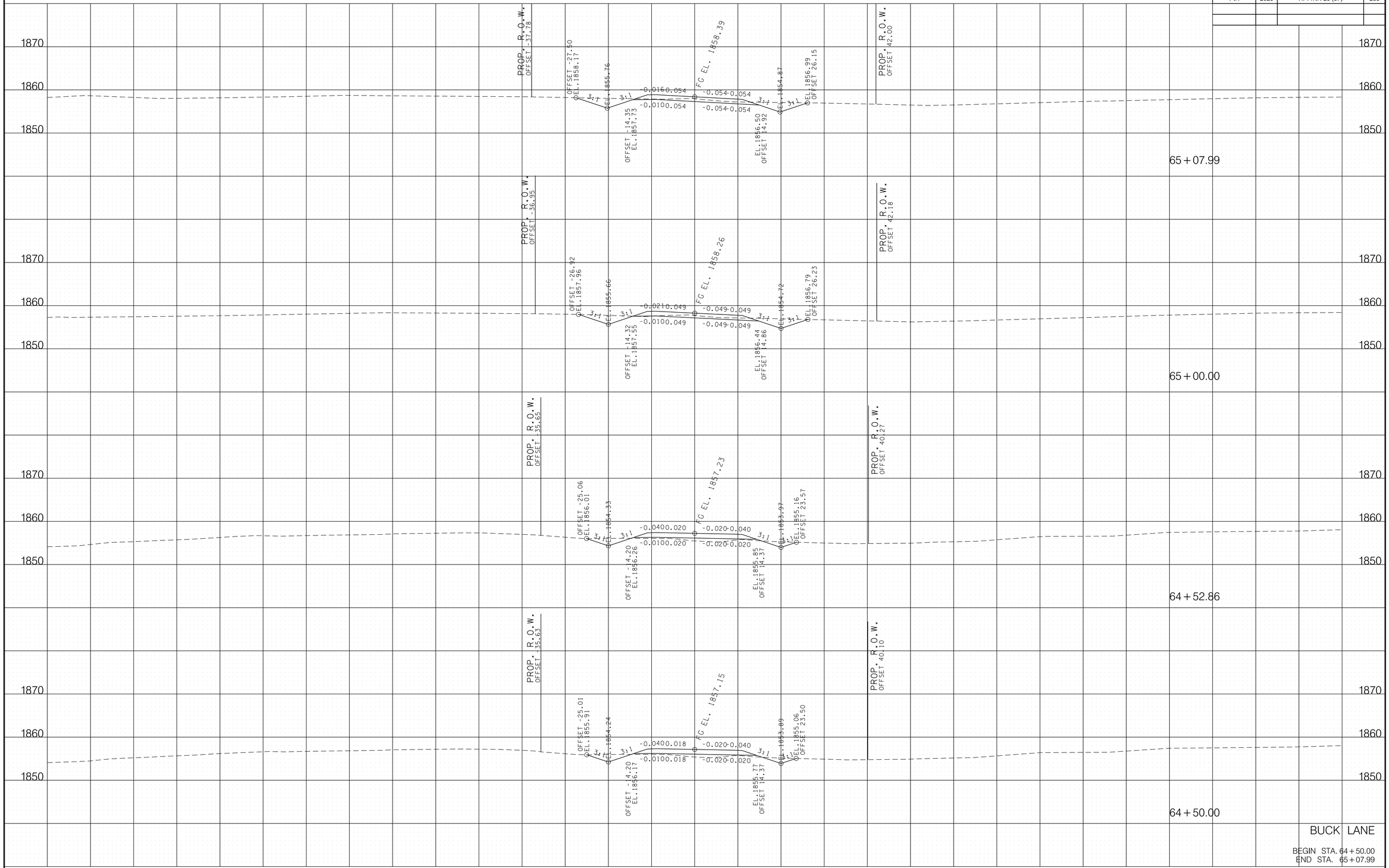


BUCK LANE

BEGIN STA. 63+87.99
END STA. 64+08.32

1/30/2026 2:35:26 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	283
PIH	2025	HPP/NH-28 (37)	283

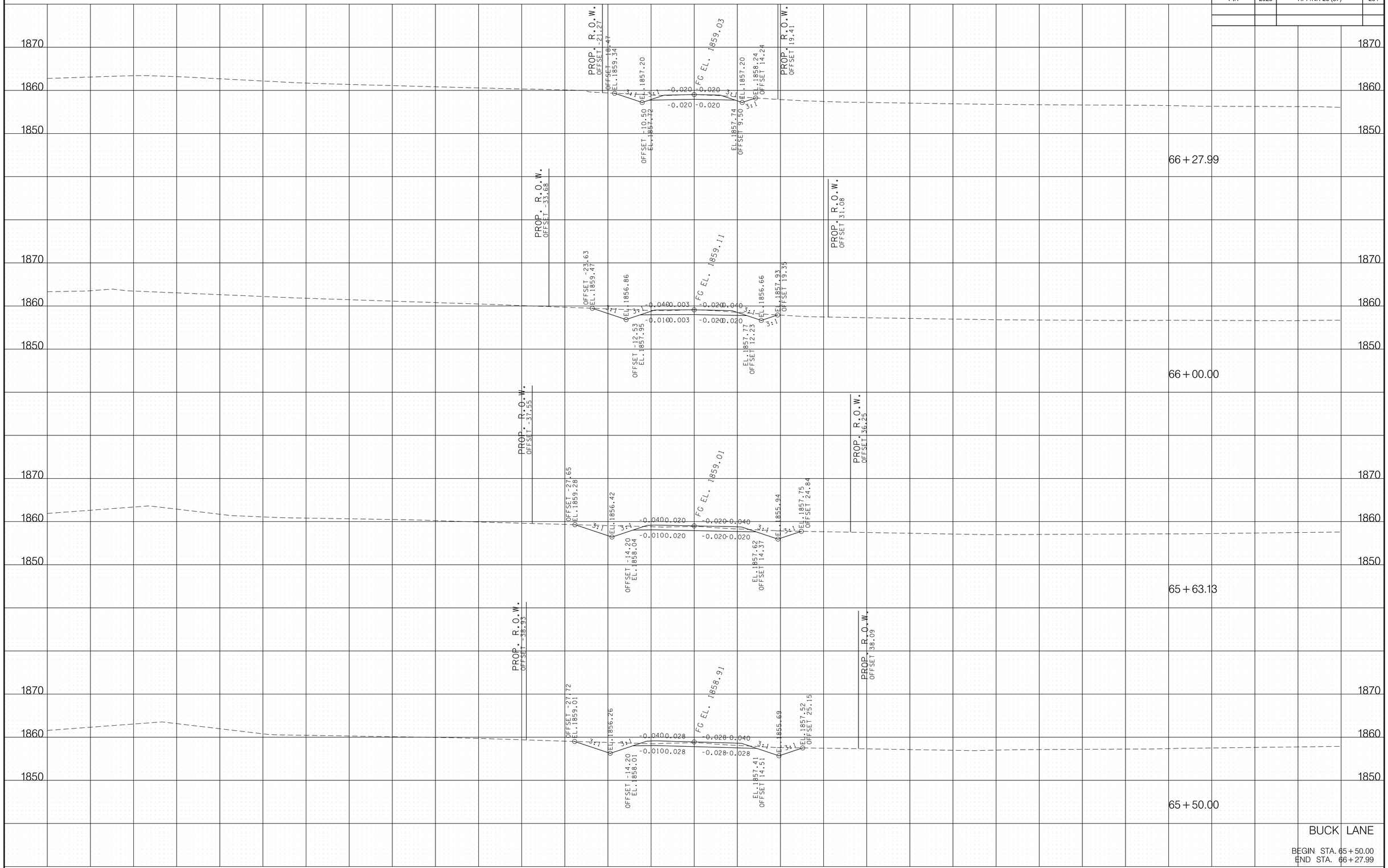


BUCK LANE

BEGIN STA. 64 + 50.00
END STA. 65 + 07.99

1/30/2026 2:35:28 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	284
PIH	2025	HPP/NH-28 (37)	284

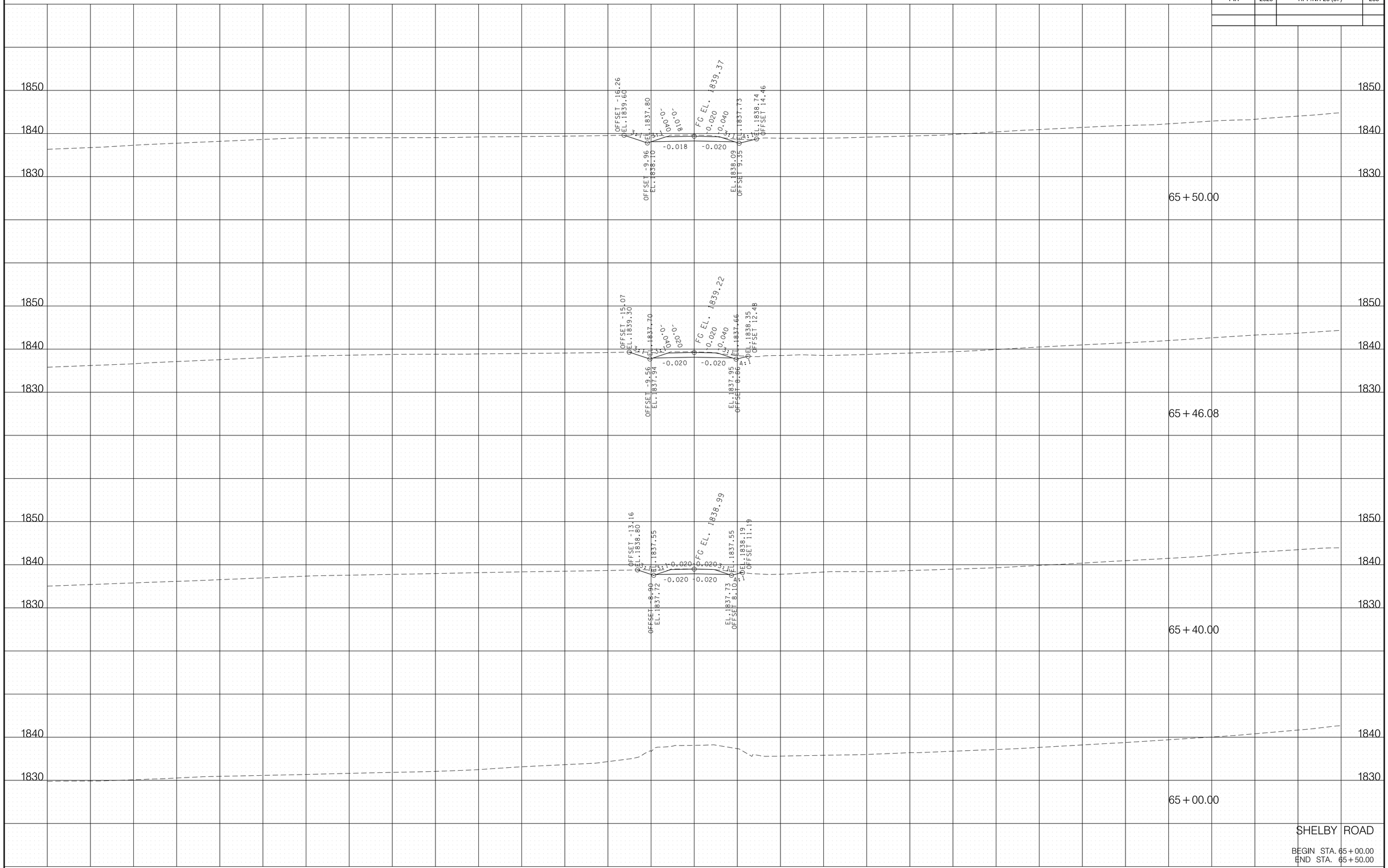


BUCK LANE

BEGIN STA. 65 + 50.00
END STA. 66 + 27.99

1/30/2026 2:35:30 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	285
PIH	2025	HPP/NH-28 (37)	285

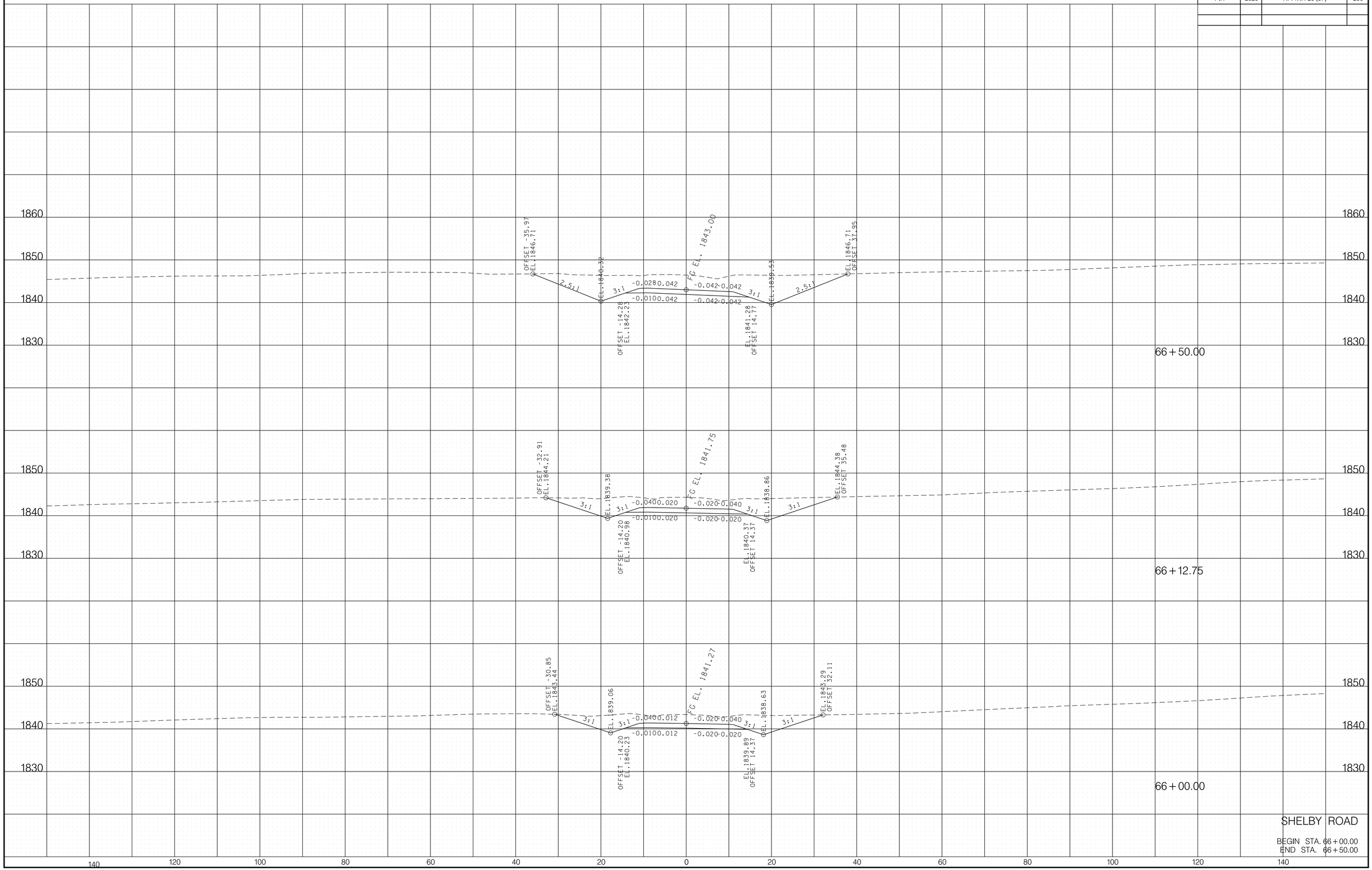


SHELBY ROAD

BEGIN STA. 65 + 00.00
END STA. 65 + 50.00

1/30/2026 2:35:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	286
PIH	2025	HPP/NH-28 (37)	286

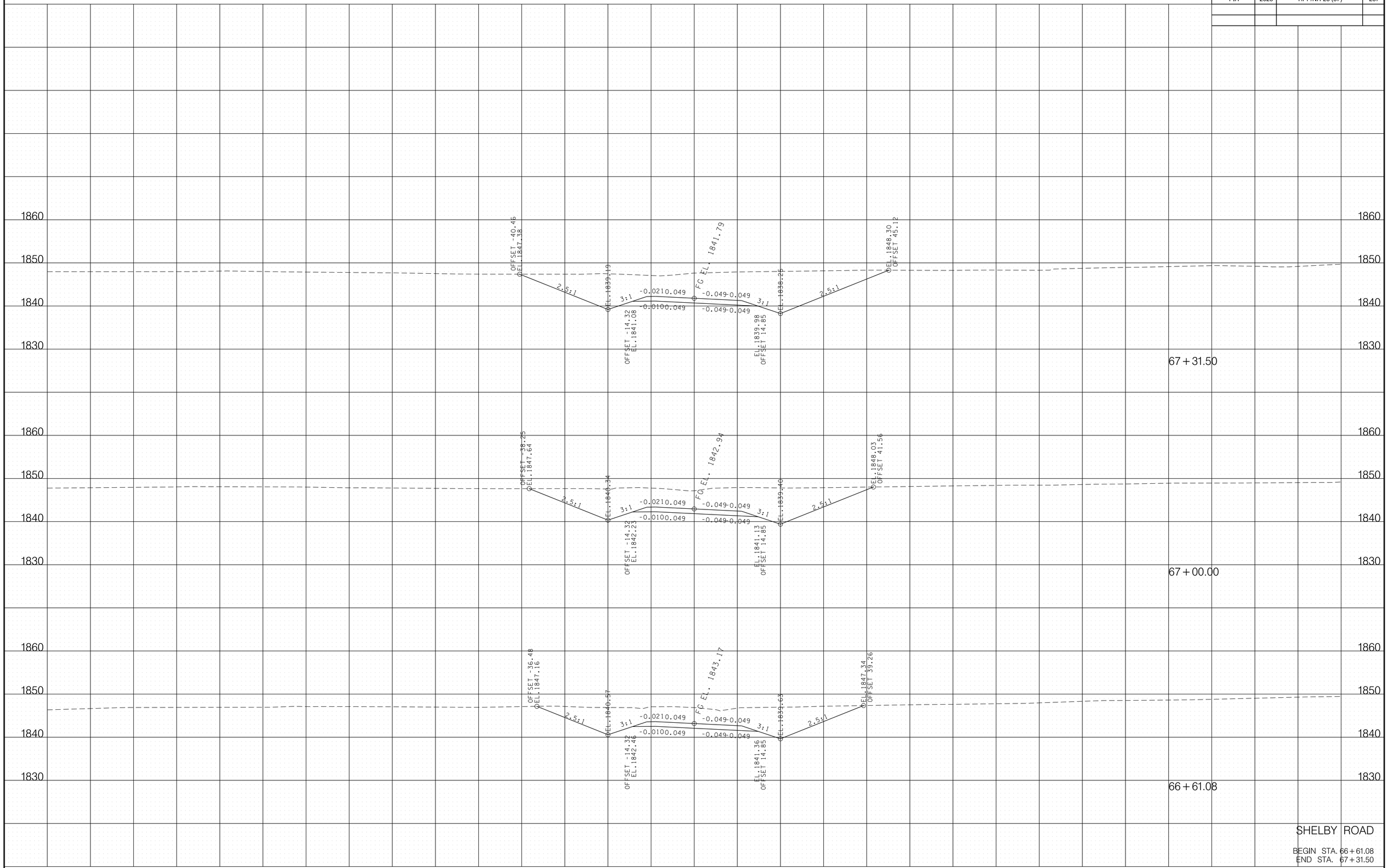


SHELBY ROAD

BEGIN STA. 66+00.00
END STA. 66+50.00

1/30/2026 2:35:34 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	287
PIH	2025	HPP/NH-28 (37)	287

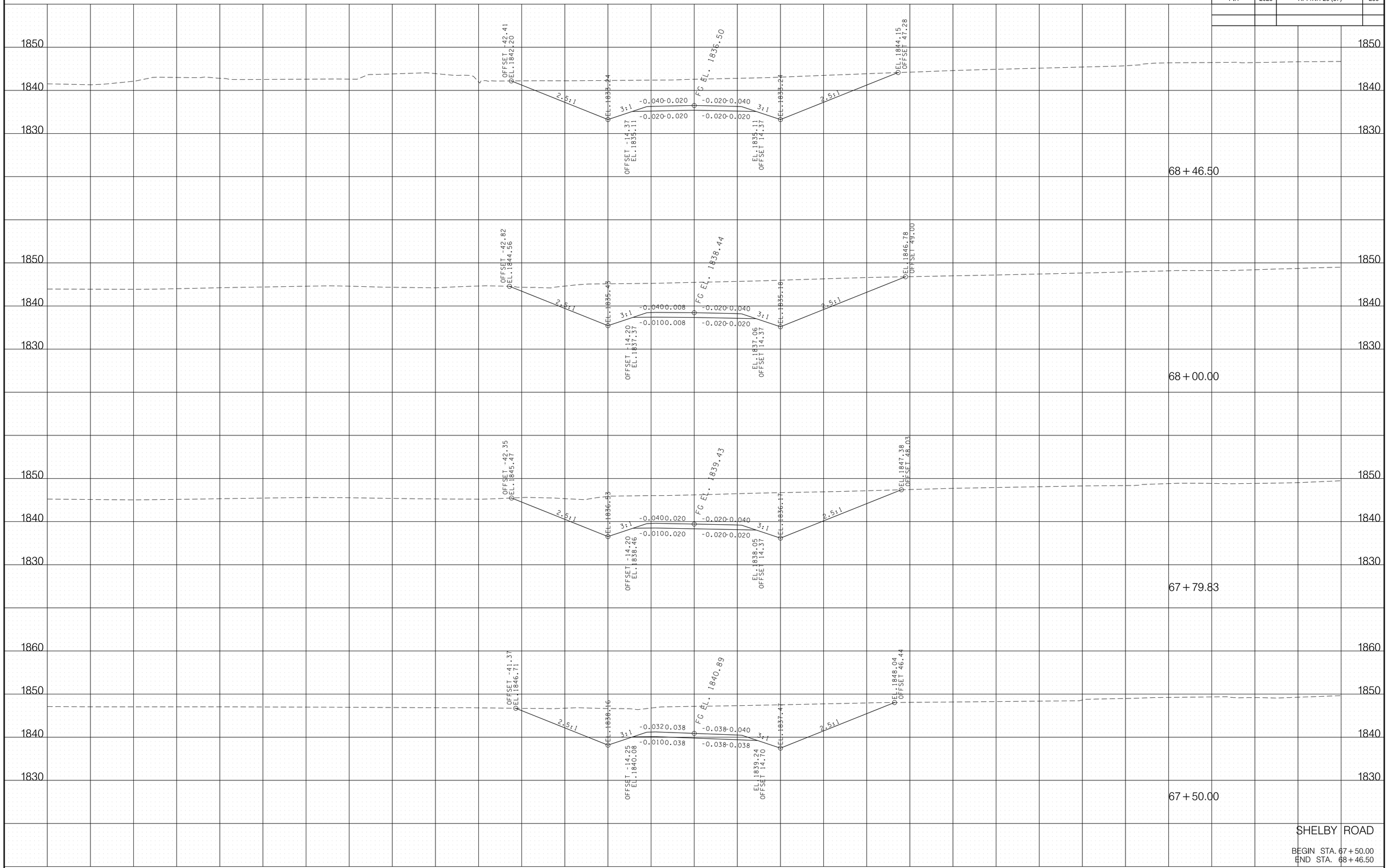


SHELBY ROAD

BEGIN STA. 66 + 61.08
END STA. 67 + 31.50

1/30/2026 2:35:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	288
PIH	2025	HPP/NH-28 (37)	288



SHELBY ROAD

BEGIN STA. 67 + 50.00
END STA. 68 + 46.50

1/30/2026 2:35:38 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

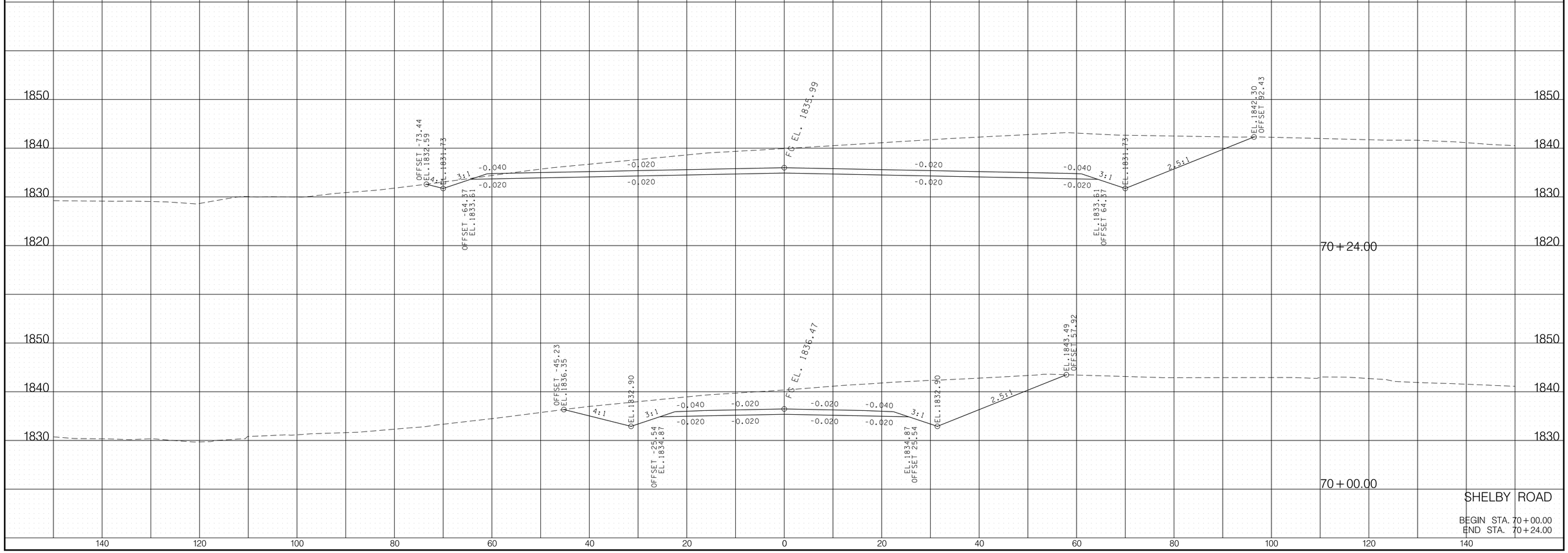
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	289
PIH	2025	HPP/NH-28 (37)	289

SHELBY ROAD

BEGIN STA. 68 + 50.00
END STA. 69 + 50.00

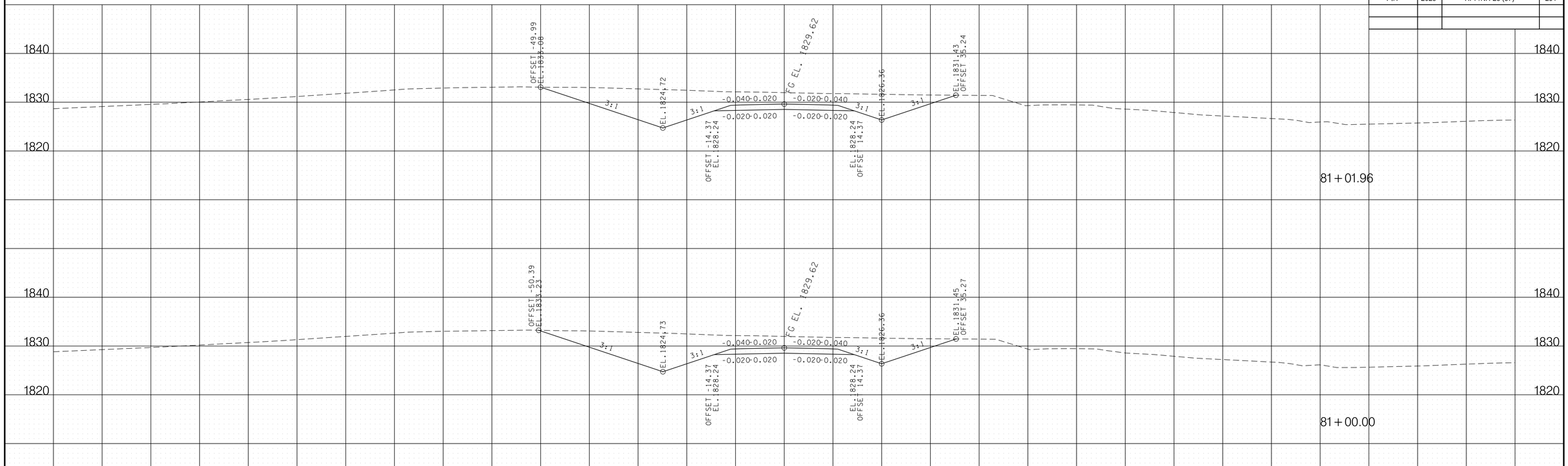
1/30/2026 2:35:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	290
PIH	2025	HPP/NH-28 (37)	290



1/30/2026 2:35:43 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	291
PIH	2025	HPP/NH-28 (37)	291

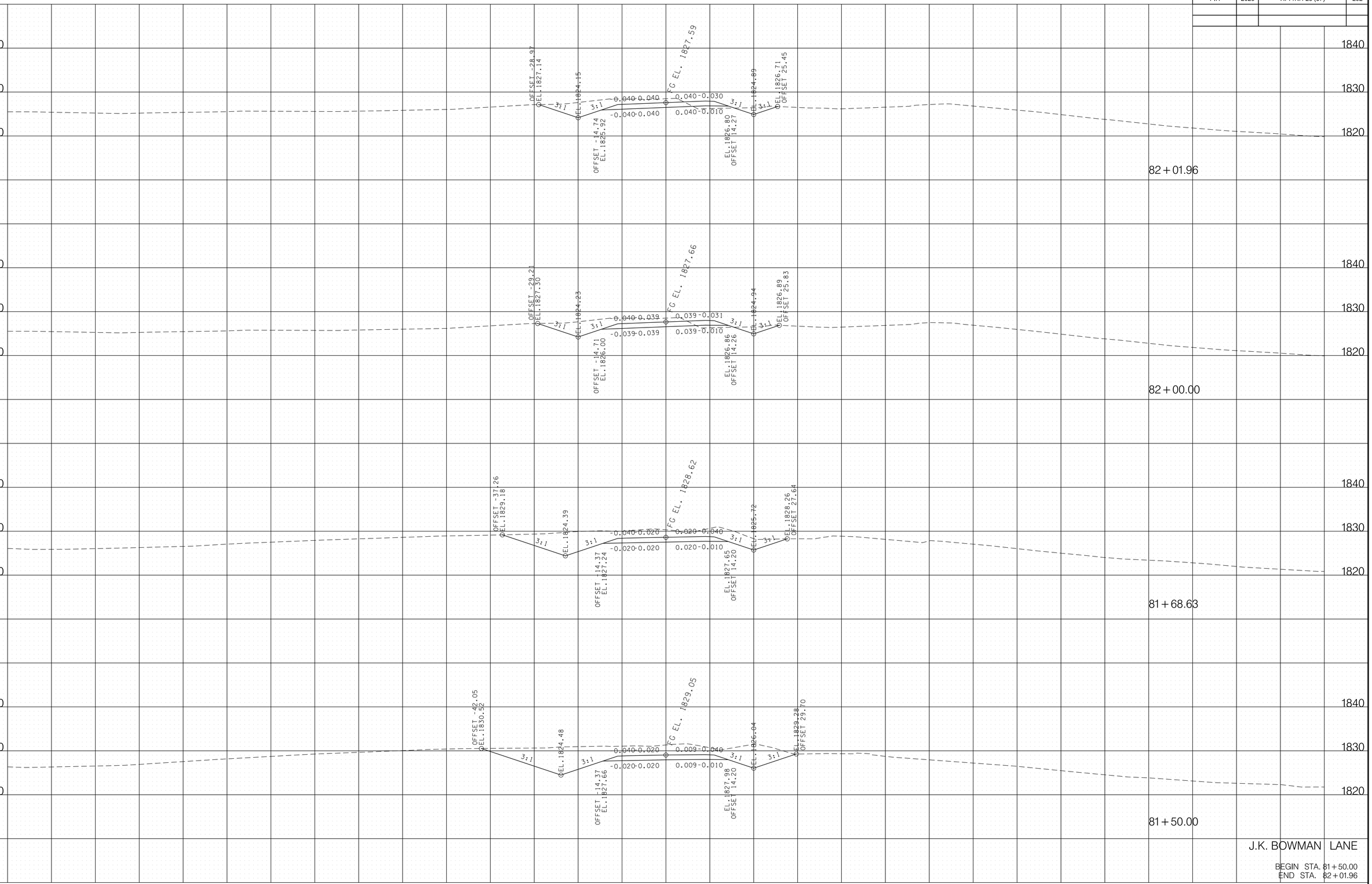


J.K. BOWMAN LANE

BEGIN STA. 80+48.00
END STA. 81+01.96

1/30/2026 2:35:57 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	292
PIH	2025	HPP/NH-28 (37)	292

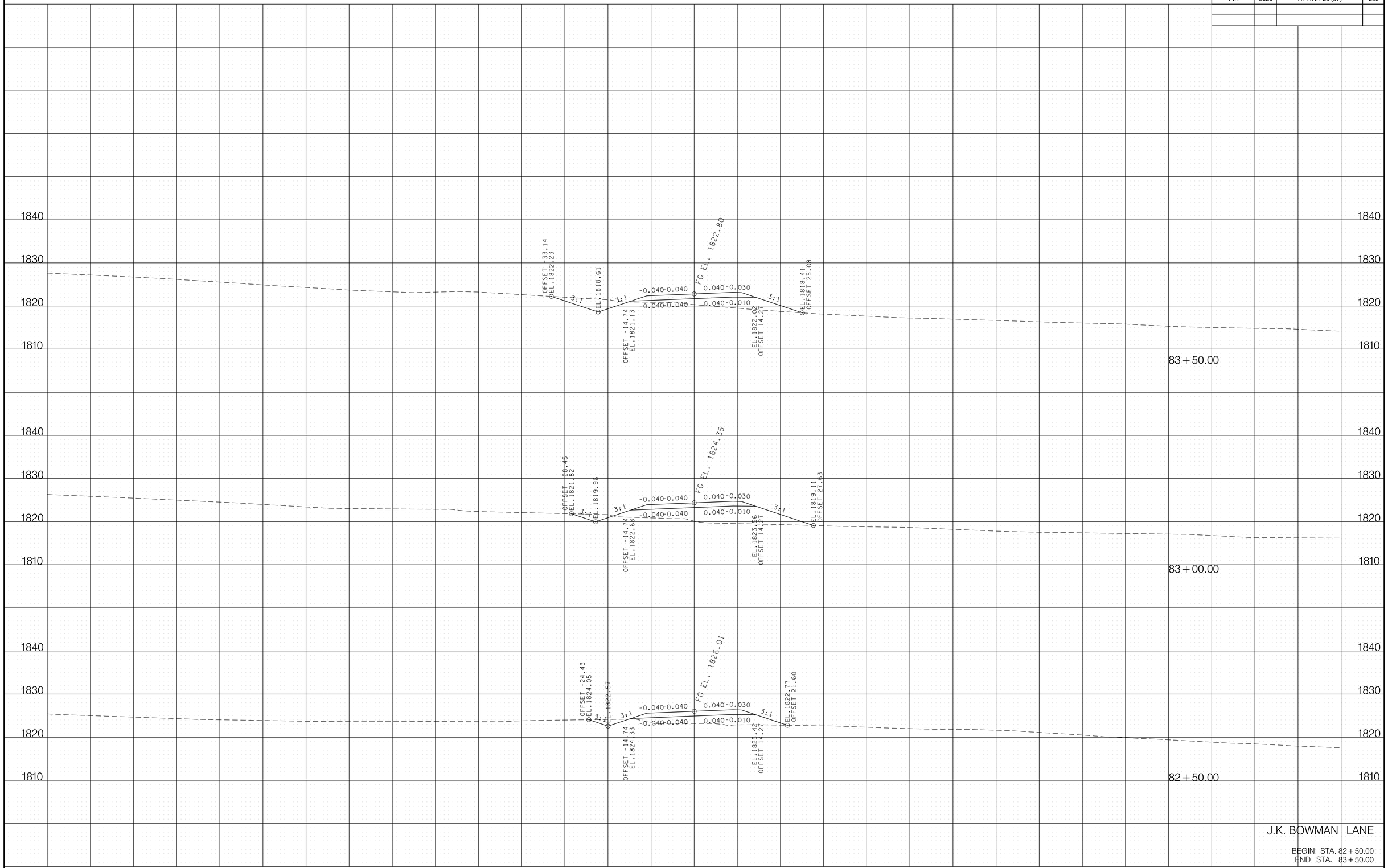


J.K. BOWMAN LANE

BEGIN STA. 81 + 50.00
END STA. 82 + 01.96

1/30/2026 2:36:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	293
PIH	2025	HPP/NH-28 (37)	293

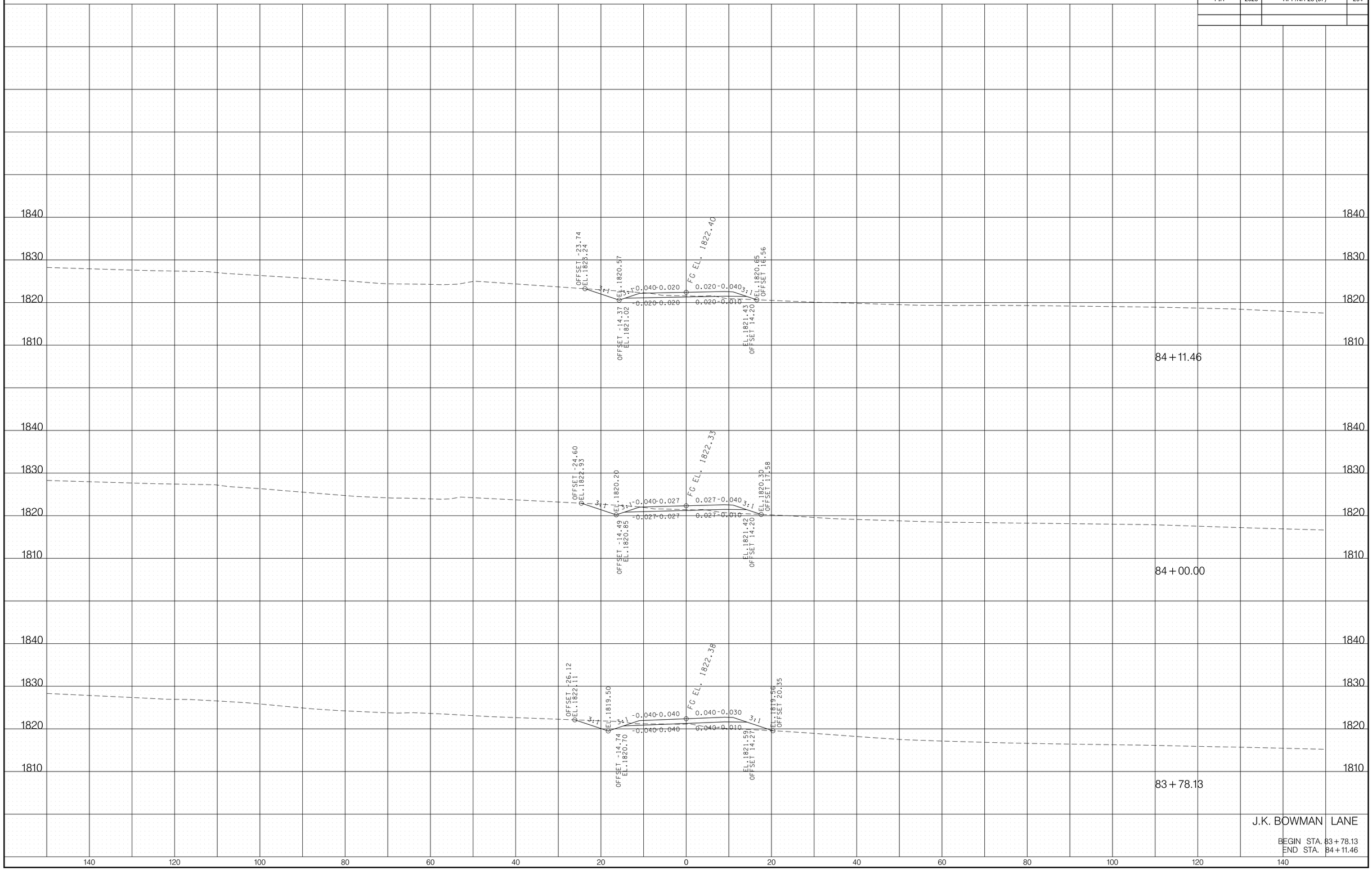


J.K. BOWMAN LANE

BEGIN STA. 82 + 50.00
END STA. 83 + 50.00

1/30/2026 2:36:02 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	294
PIH	2025	HPP/NH-28 (37)	294

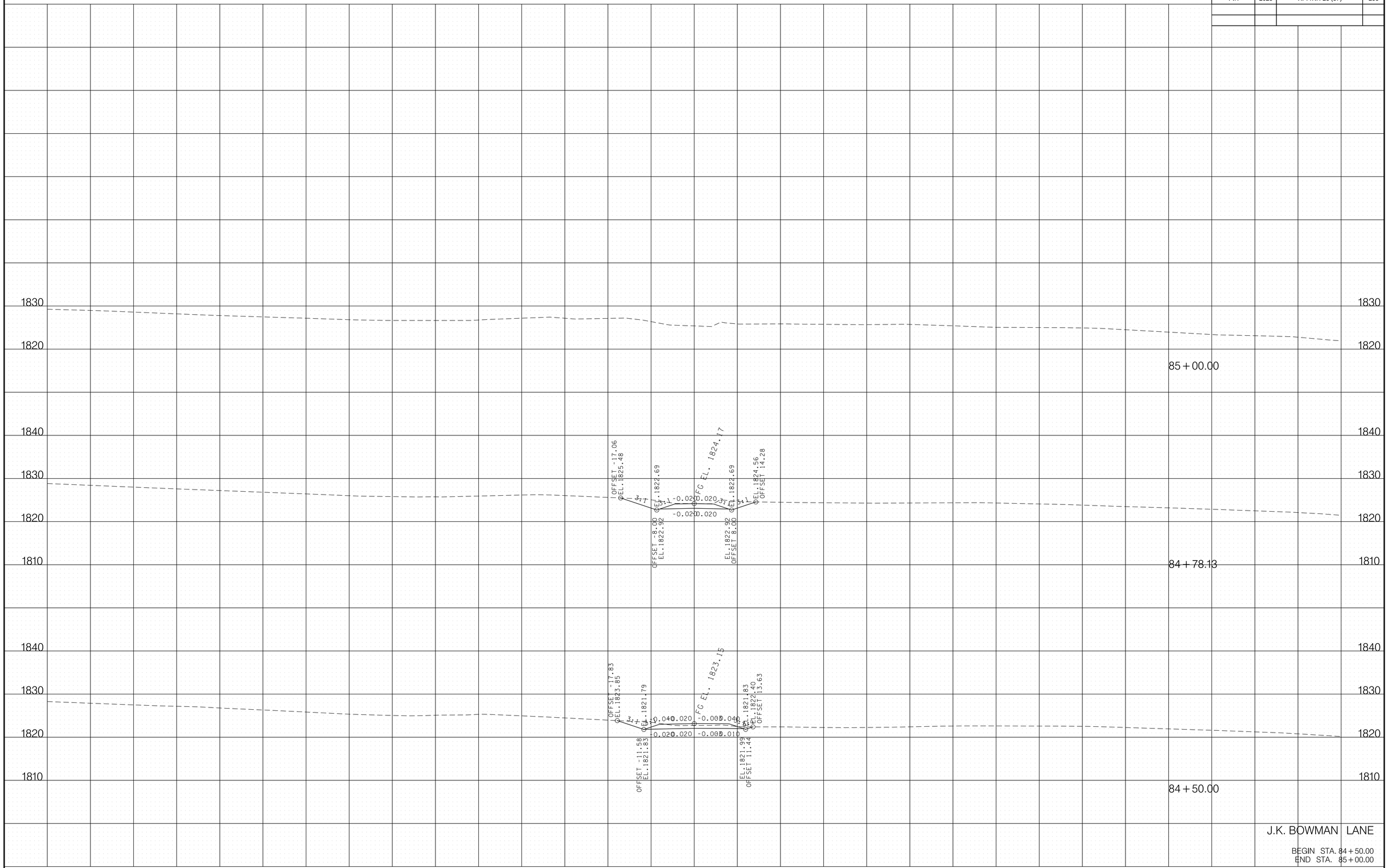


J.K. BOWMAN LANE

BEGIN STA. 83 + 78.13
END STA. 84 + 11.46

1/30/2026 2:36:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	295
PIH	2025	HPP/NH-28 (37)	295

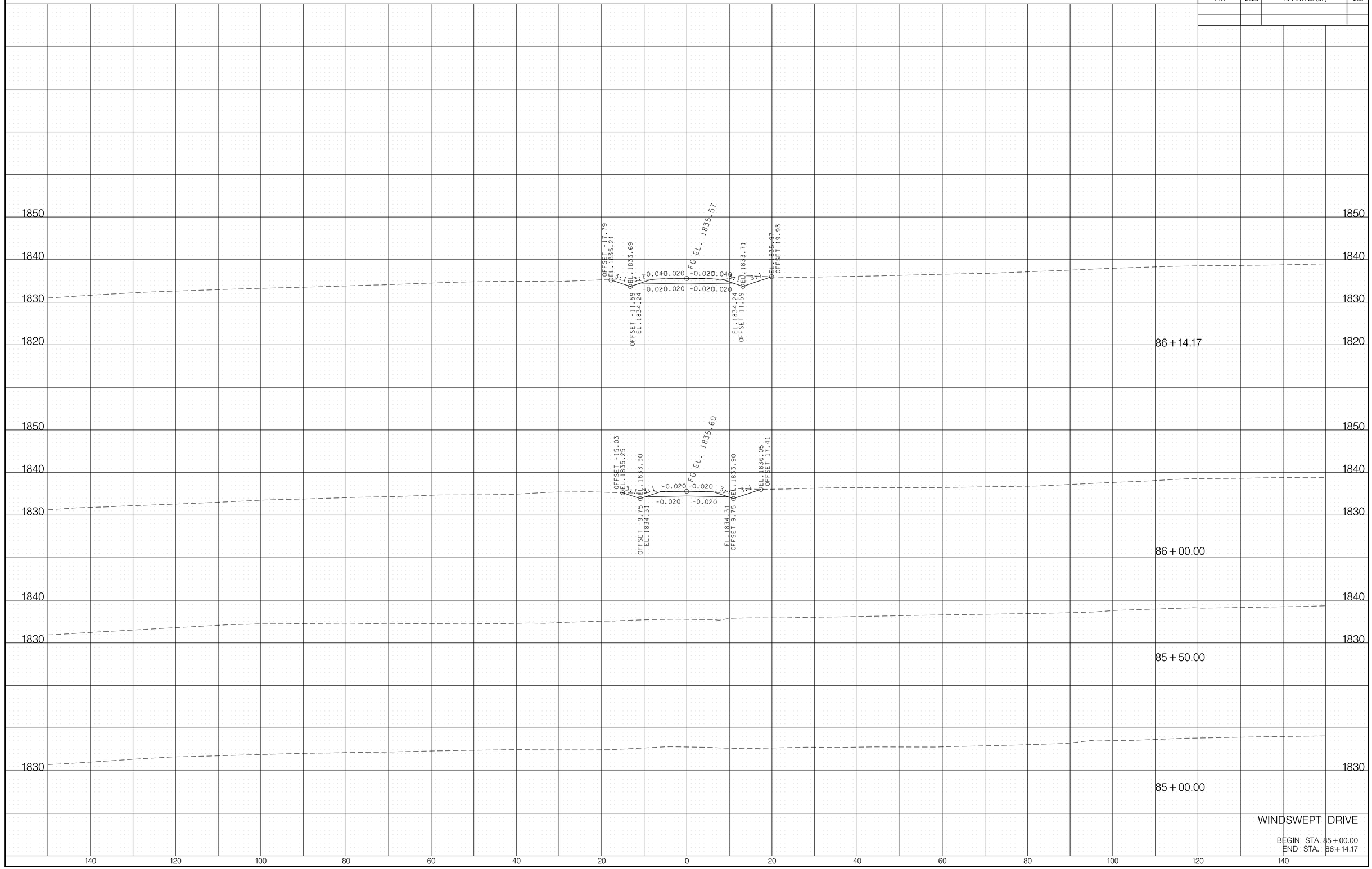


J.K. BOWMAN LANE

BEGIN STA. 84 + 50.00
END STA. 85 + 00.00

1/30/2026 2:36:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	296
PIH	2025	HPP/NH-28 (37)	296

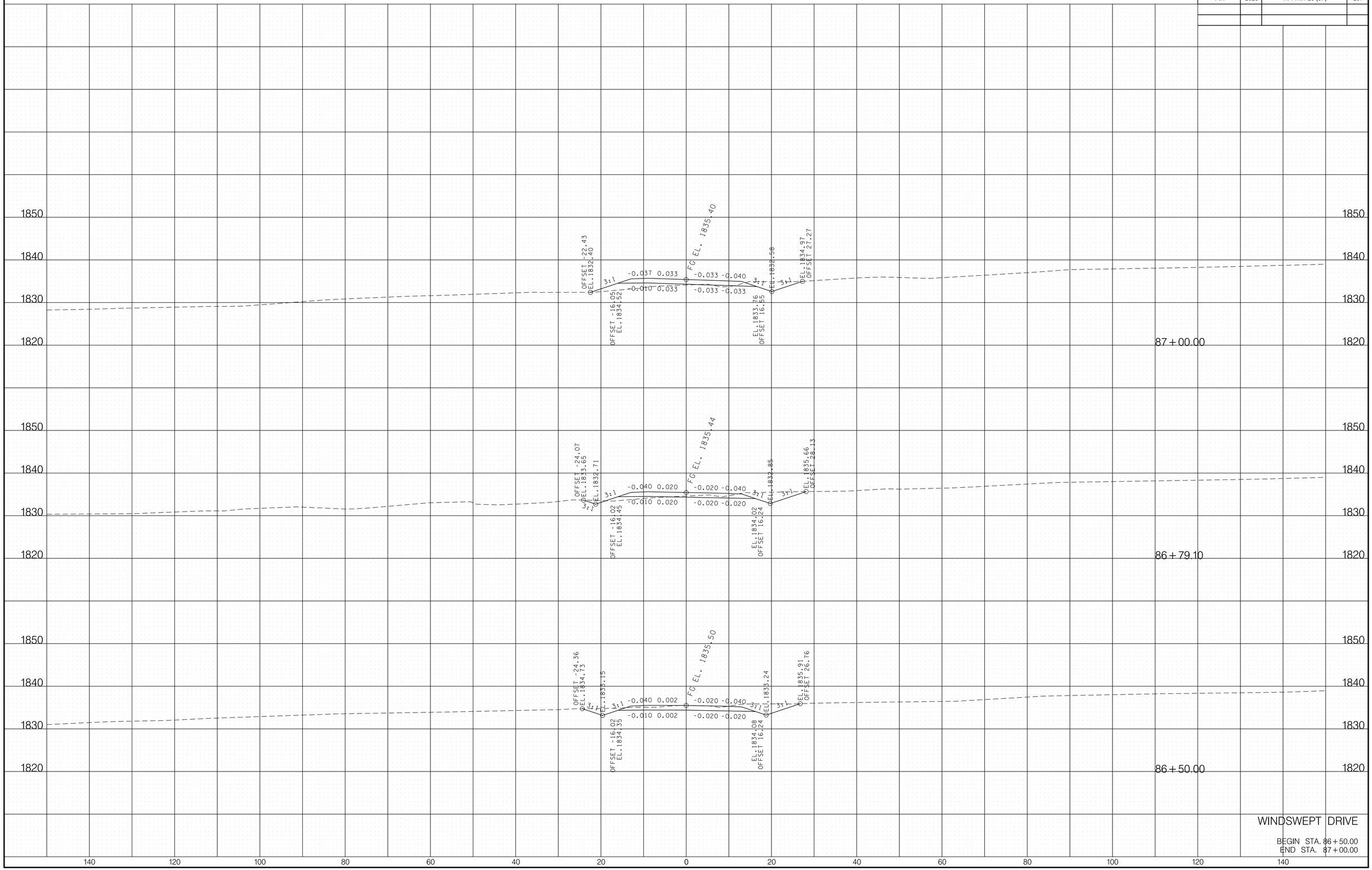


WINDSWEPT DRIVE

BEGIN STA. 85+00.00
END STA. 86+14.17

1/30/2026 2:36:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	297
PIH	2025	HPP/NH-28 (37)	297

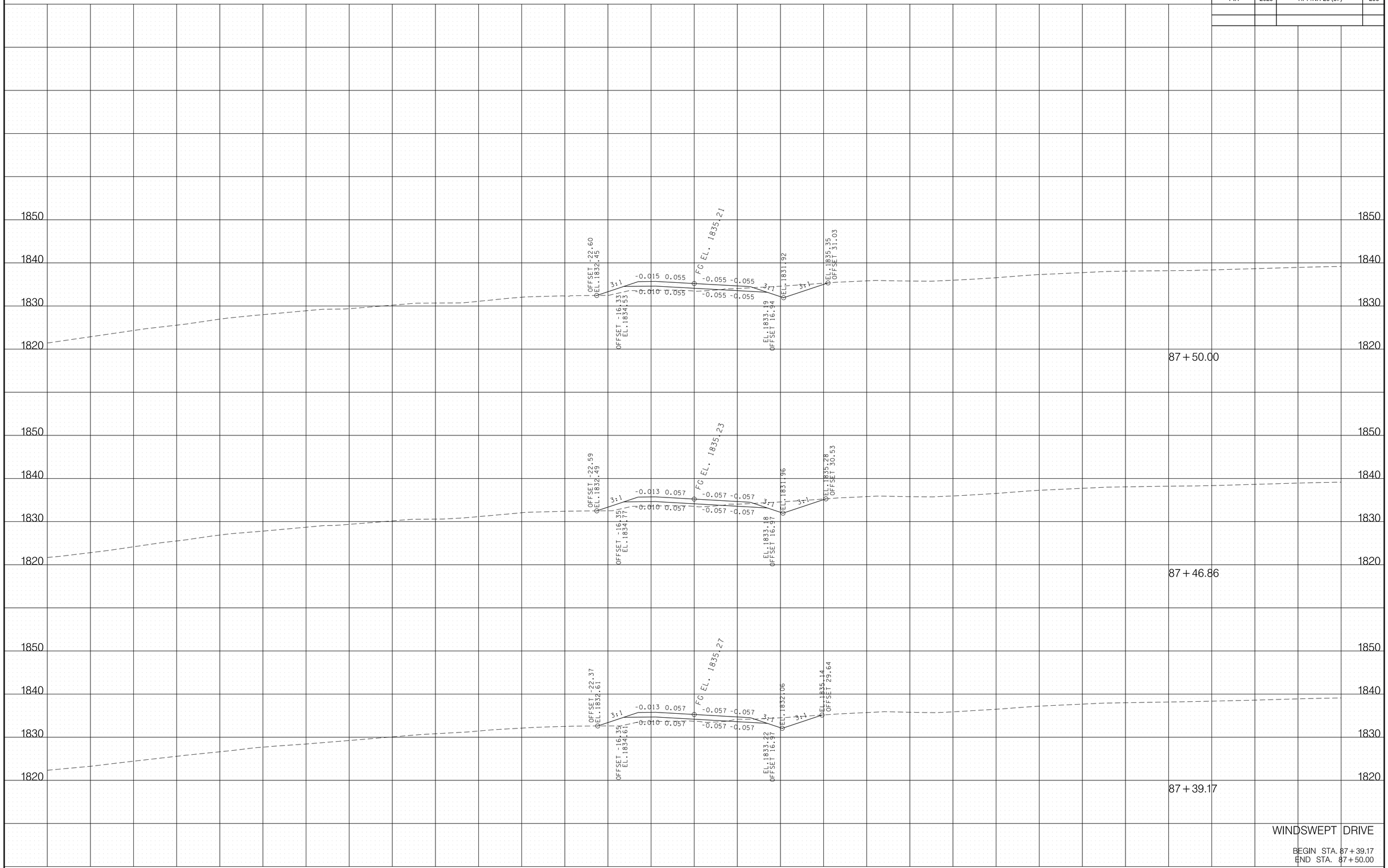


WINDSWEPT DRIVE

BEGIN STA. 86+50.00
END STA. 87+00.00

1/30/2026 2:36:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	298
PIH	2025	HPP/NH-28 (37)	298

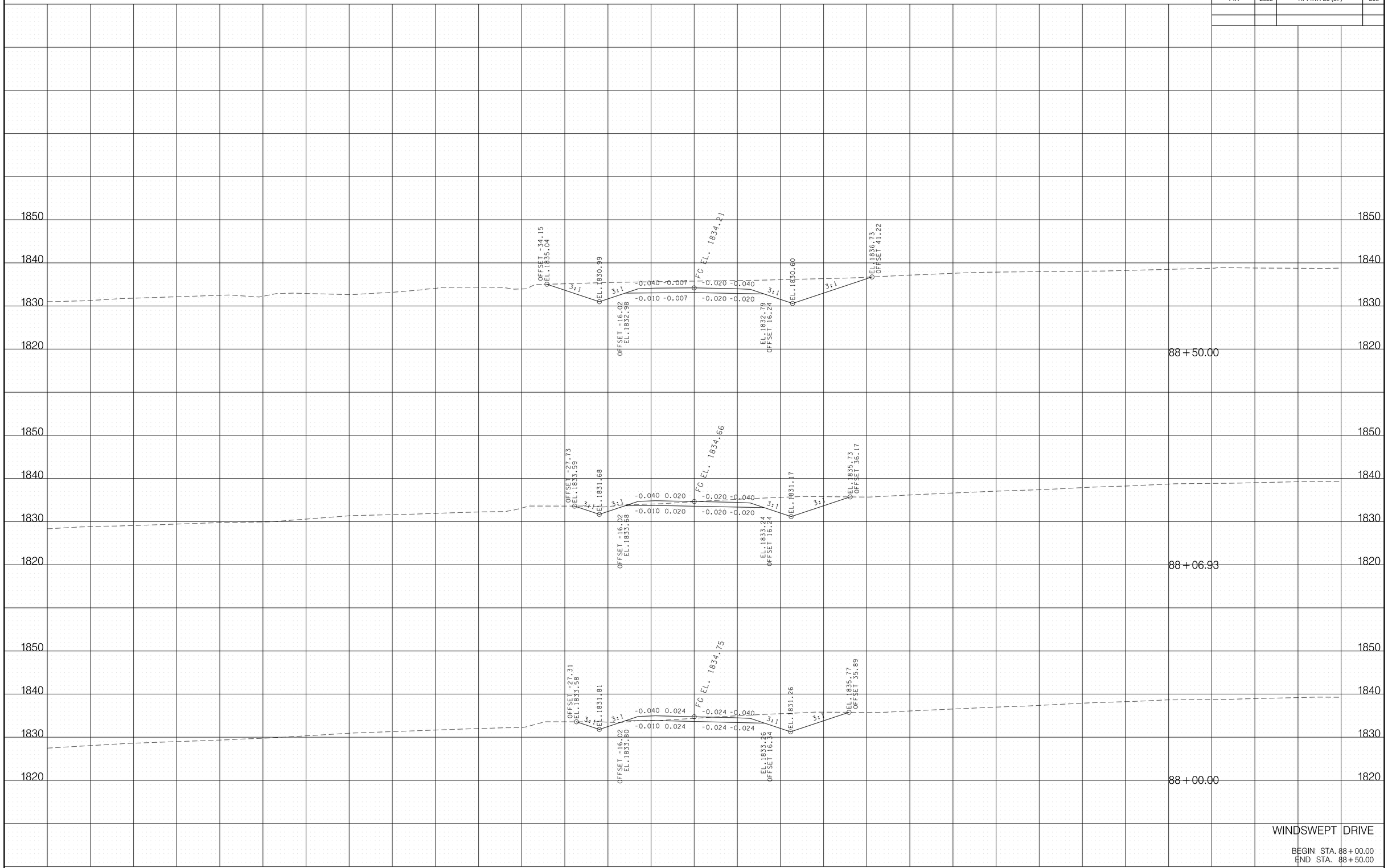


WINDSWEPT DRIVE

BEGIN STA. 87 + 39.17
END STA. 87 + 50.00

1/30/2026 2:36:13 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	299
PIH	2025	HPP/NH-28 (37)	299

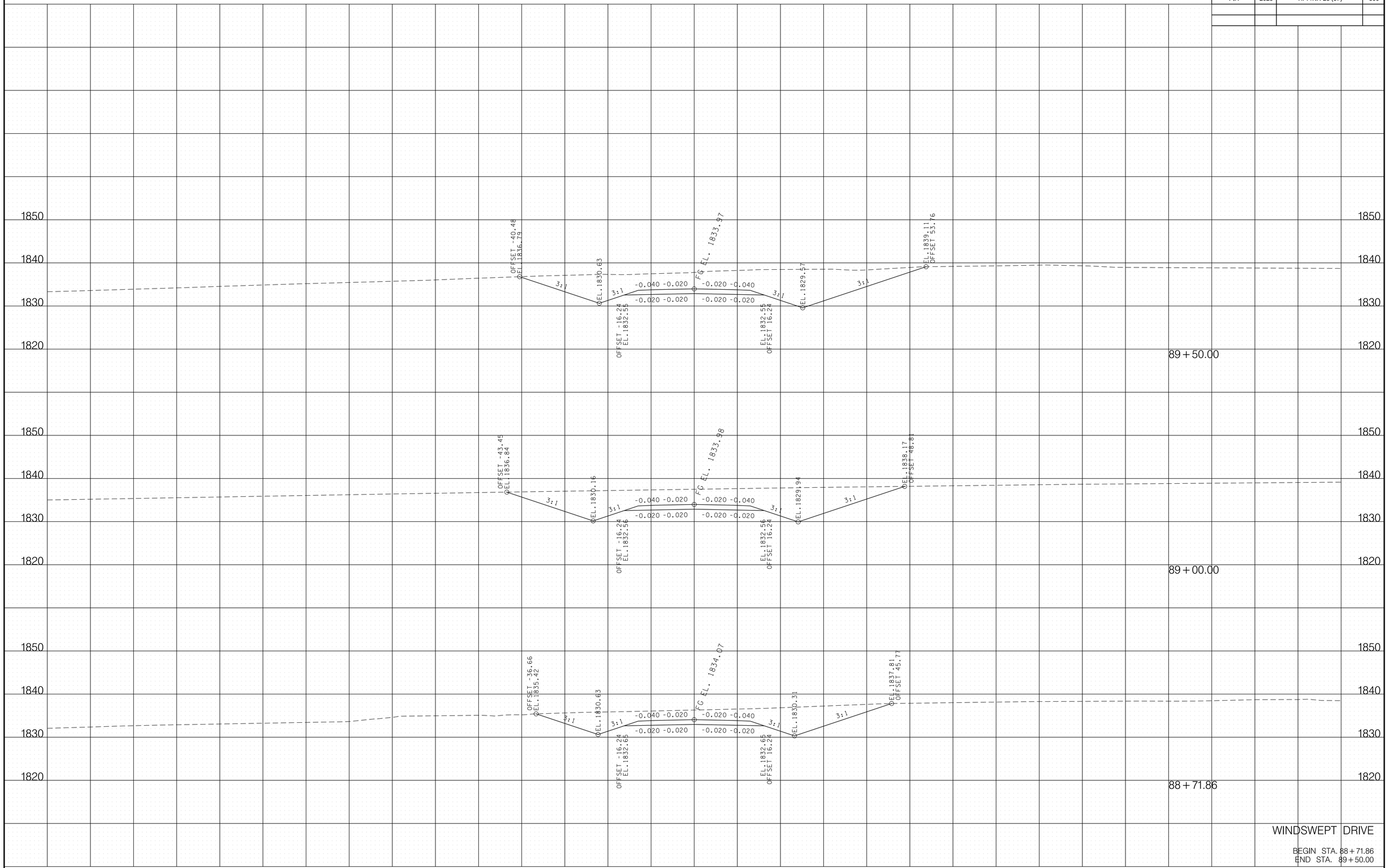


WINDSWEPT DRIVE

BEGIN STA. 88+00.00
END STA. 88+50.00

1/30/2026 2:36:16 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	300
PIH	2025	HPP/NH-28 (37)	300

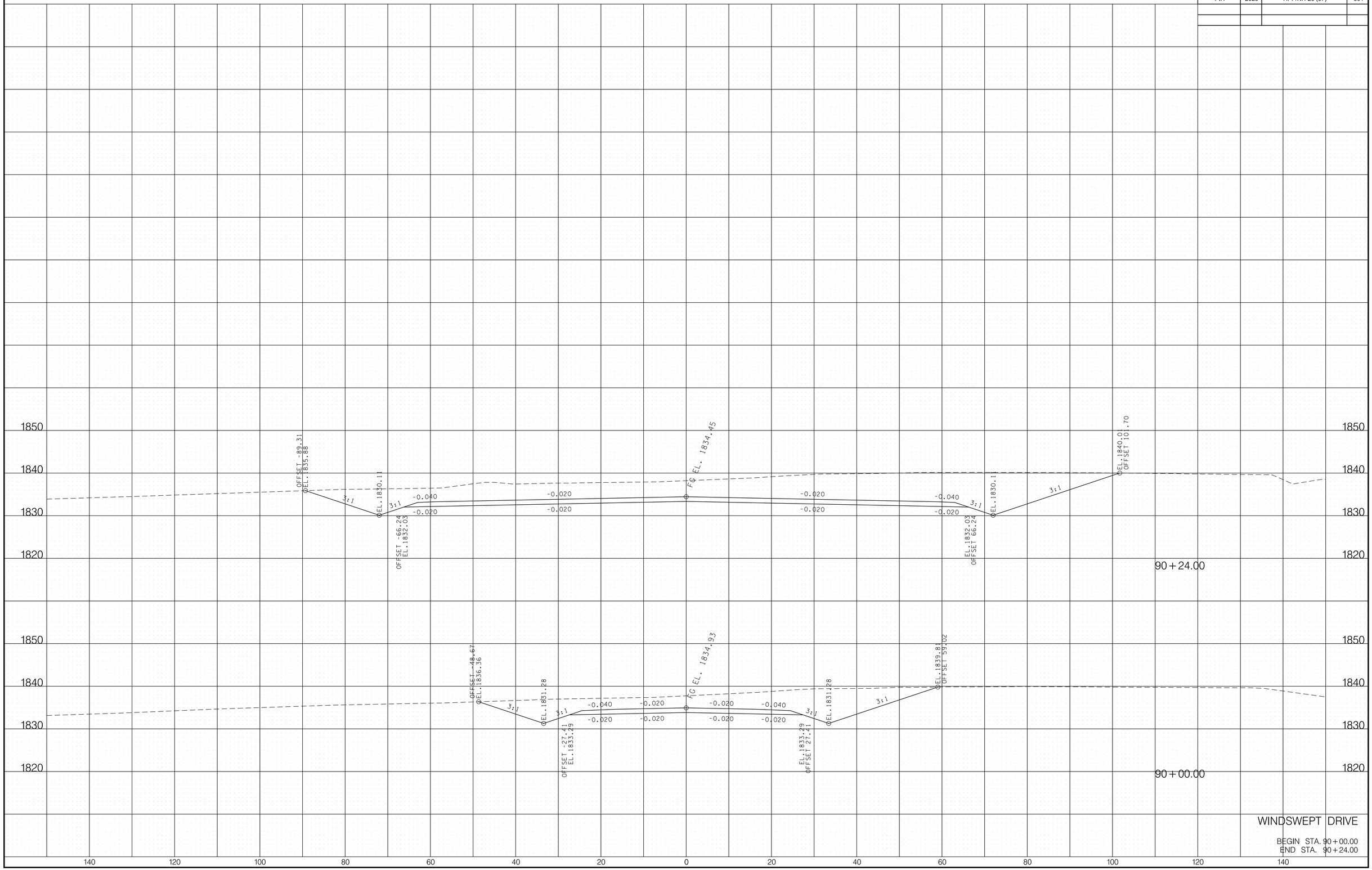


WINDSWEPT DRIVE

BEGIN STA. 88 + 71.86
END STA. 89 + 50.00

1/30/2026 2:36:18 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH–28(37)	301
PIH	2025	HPP/NH-28 (37)	301

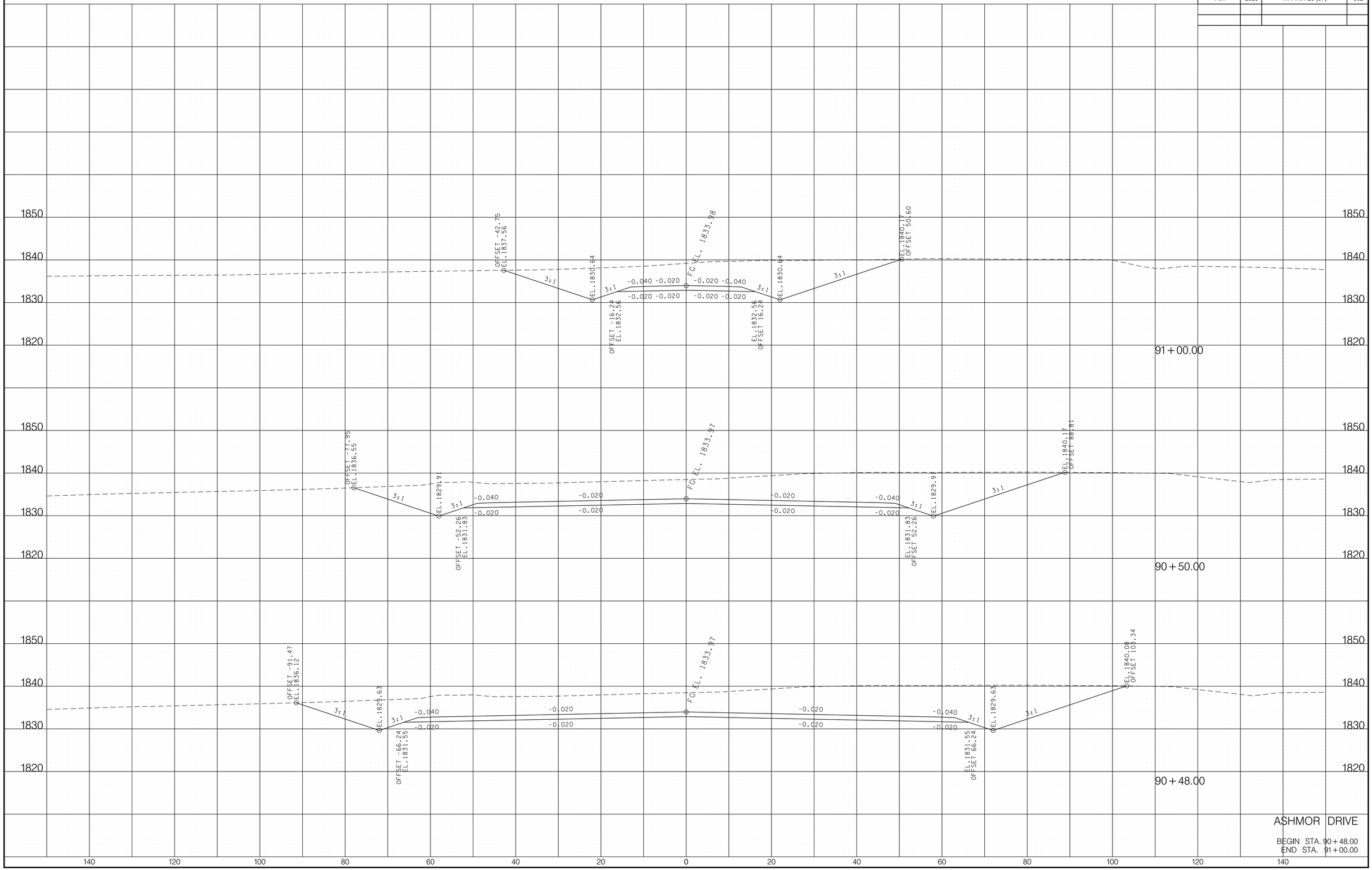


WINDSWEPT DRIVE

BEGIN STA. 90 + 00.00
END STA. 90 + 24.00

1/30/2026 2:36:21 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	302
PIH	2025	HPP/NH-28 (37)	302

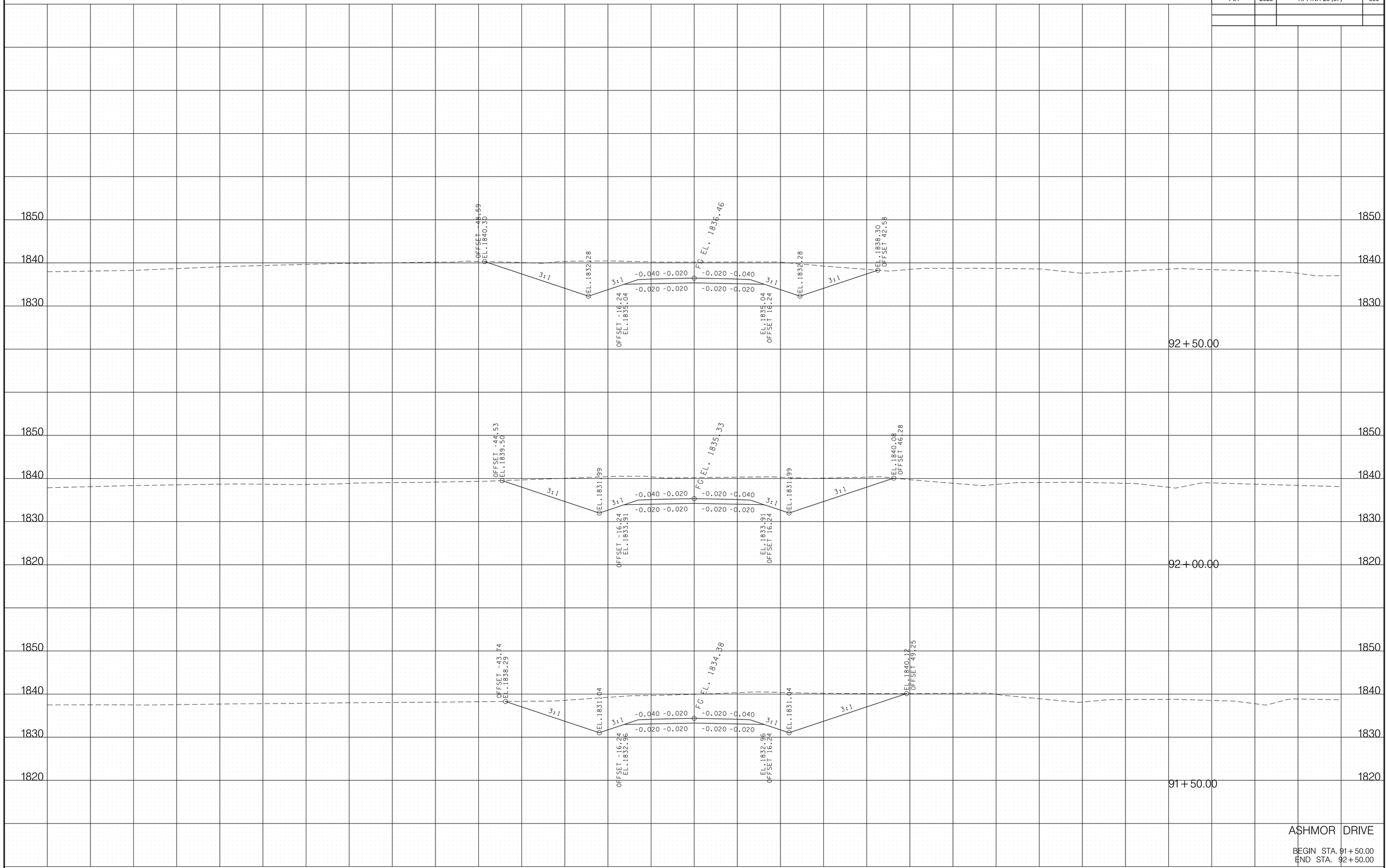


ASHMOR DRIVE

BEGIN STA. 90 + 48.00
END STA. 91 + 00.00

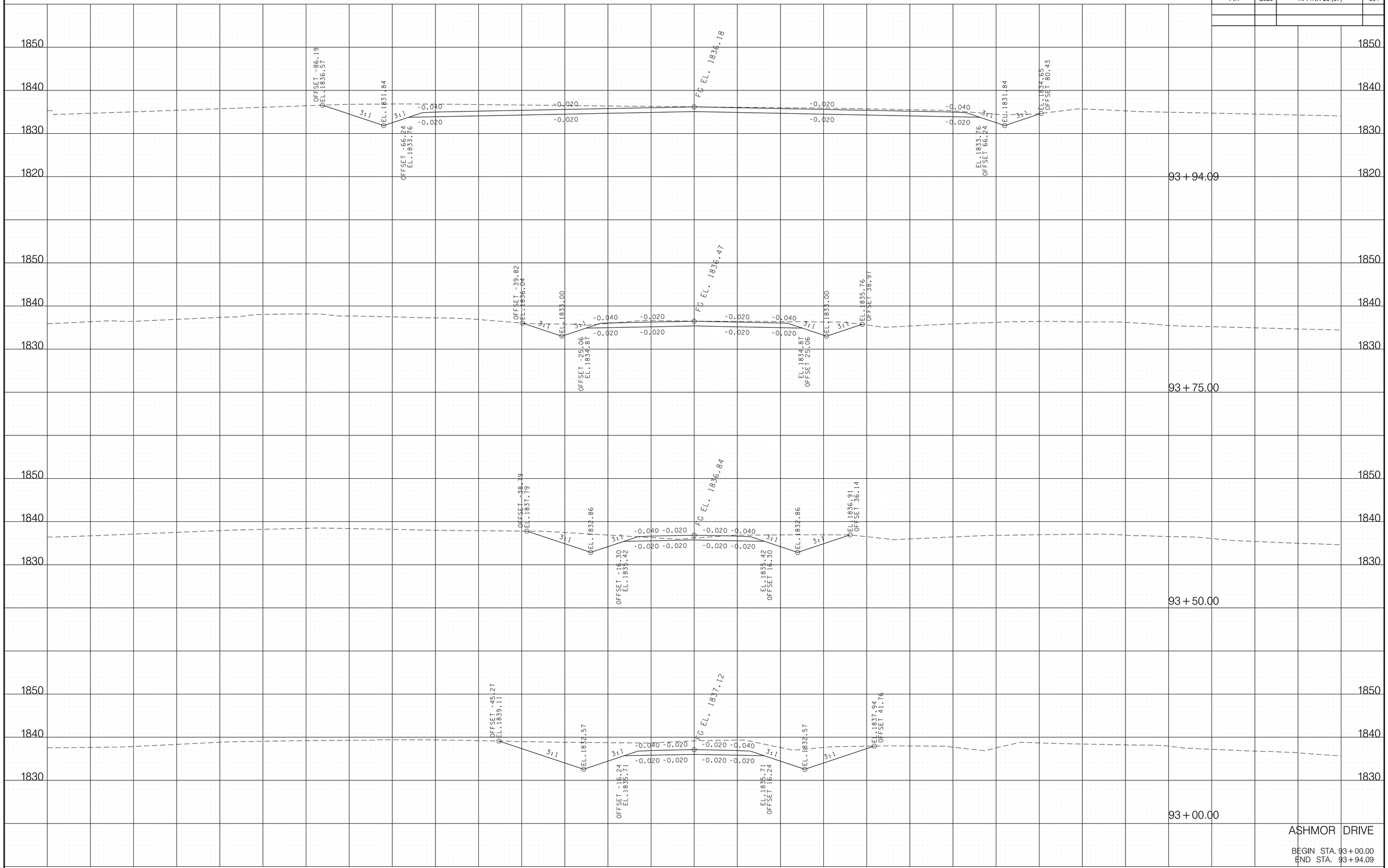
1/30/2026 2:36:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	303
PIH	2025	HPP/NH-28 (37)	303



1/30/2026 2:36:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	304
PIH	2025	HPP/NH-28 (37)	304

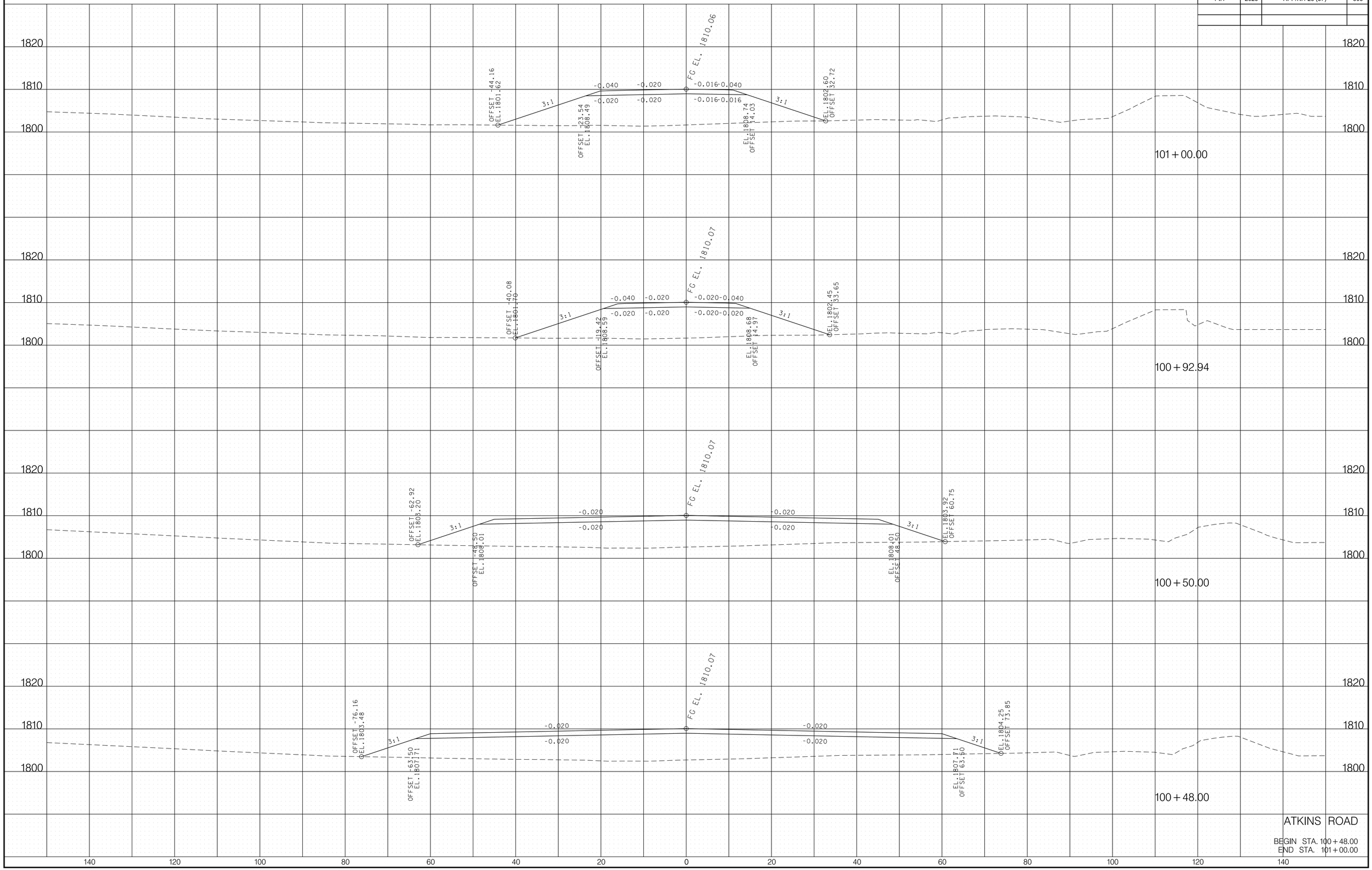


ASHMOR DRIVE

BEGIN STA. 93 + 00.00
END STA. 93 + 94.09

1/30/2026 2:36:28 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	305
PIH	2025	HPP/NH-28 (37)	305

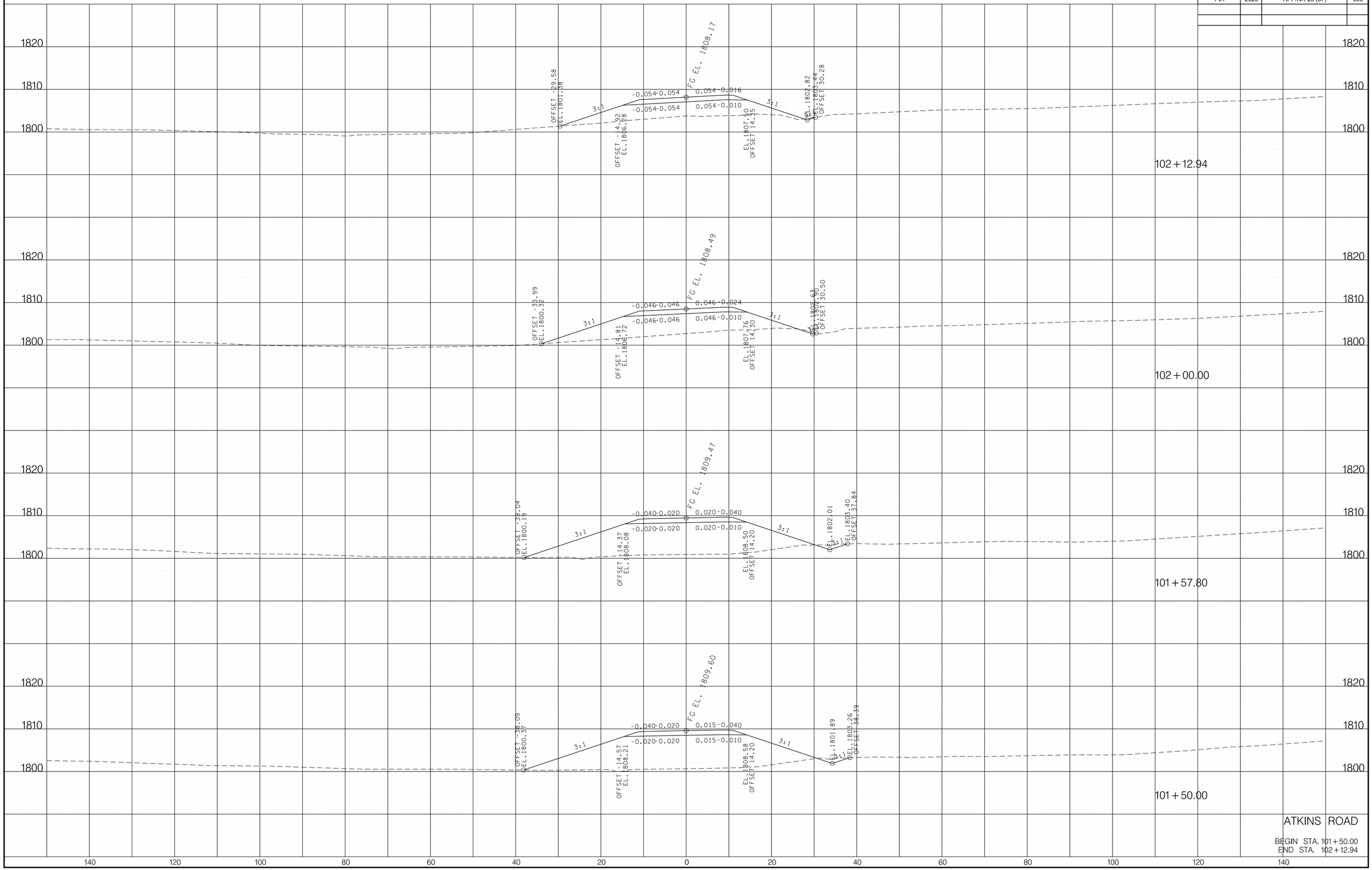


ATKINS ROAD

BEGIN STA. 100 + 48.00
END STA. 101 + 00.00

1/30/2026 2:36:30 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	306
PIH	2025	HPP/NH-28 (37)	306

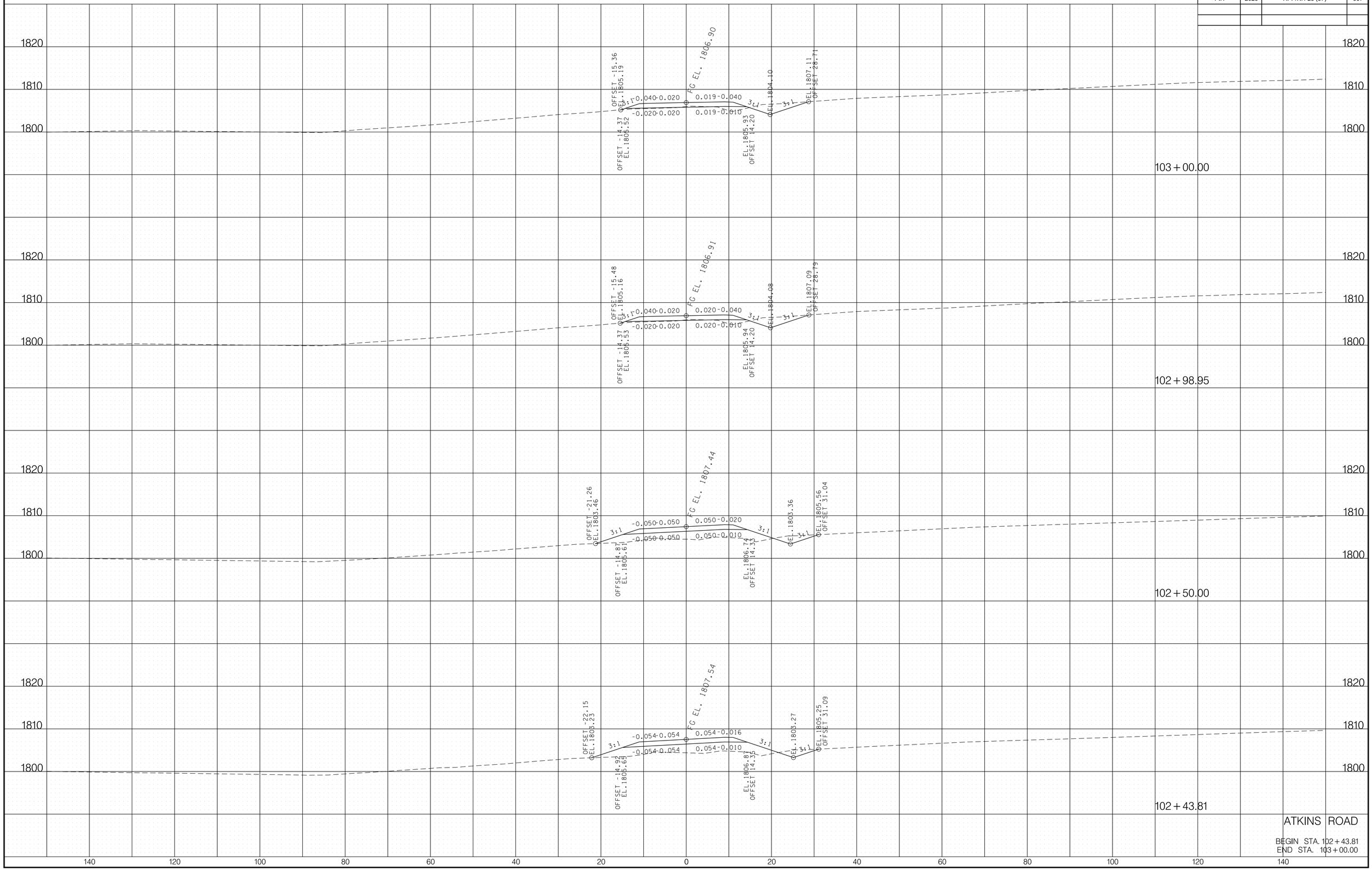


ATKINS ROAD

BEGIN STA. 101+50.00
END STA. 102+12.94

1/30/2026 2:36:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	307
PIH	2025	HPP/NH-28 (37)	307

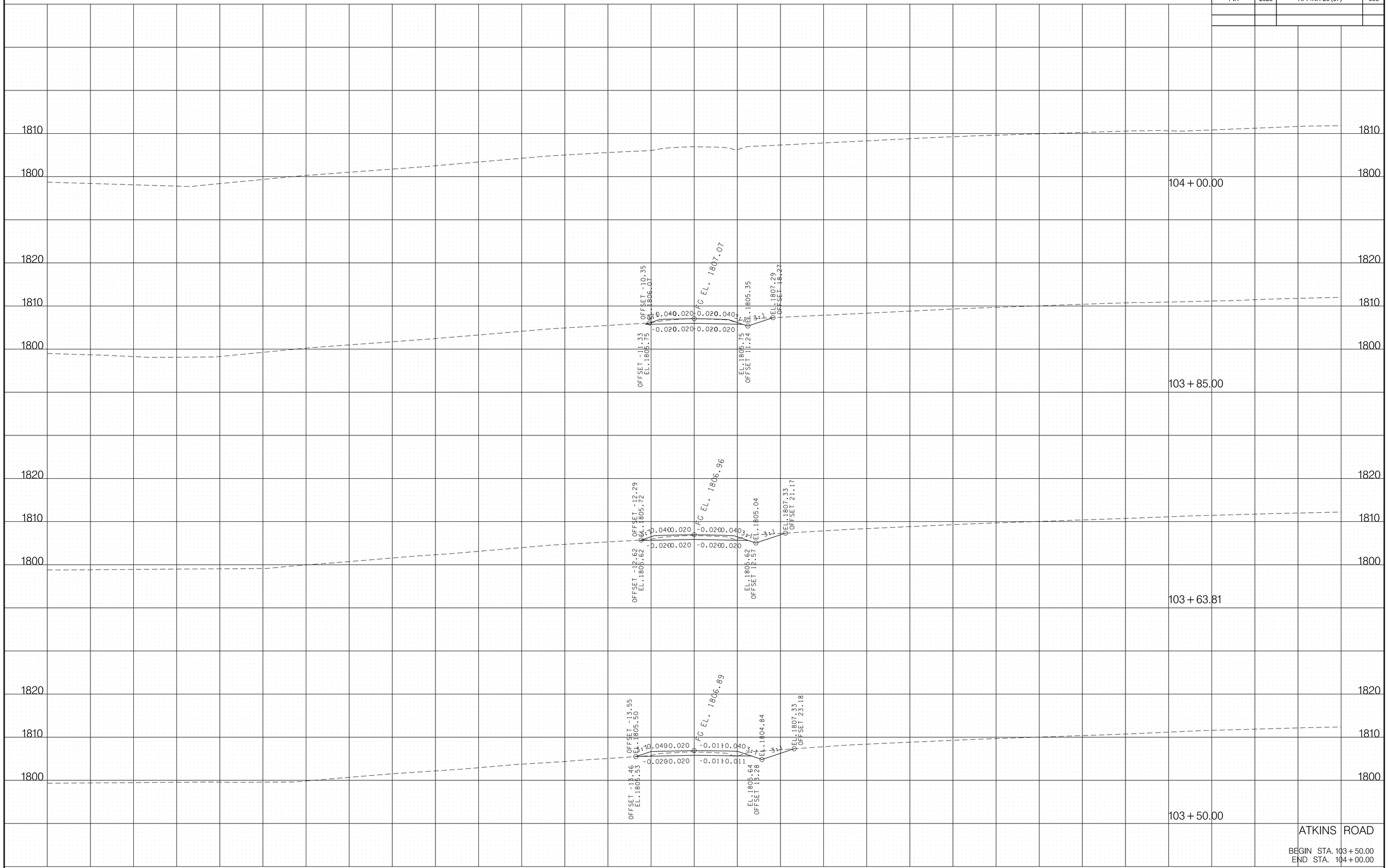


ATKINS ROAD

BEGIN STA. 102+43.81
END STA. 103+00.00

1/30/2026 2:36:34 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	308
PIH	2025	HPP/NH-28 (37)	308

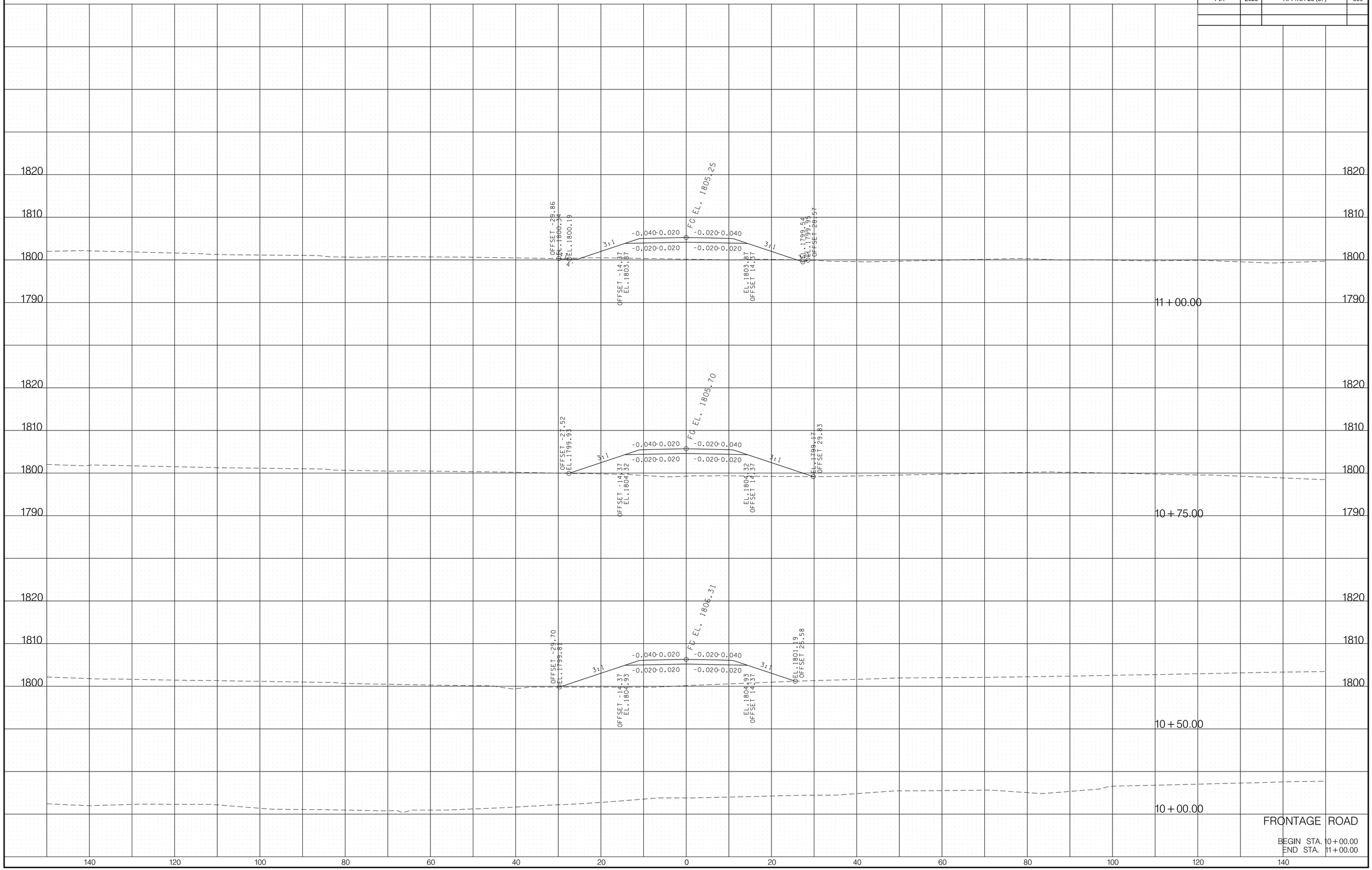


ATKINS ROAD

BEGIN STA. 103 + 50.00
END STA. 104 + 00.00

1/30/2026 2:36:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	309
PIH	2025	HPP/NH-28 (37)	309

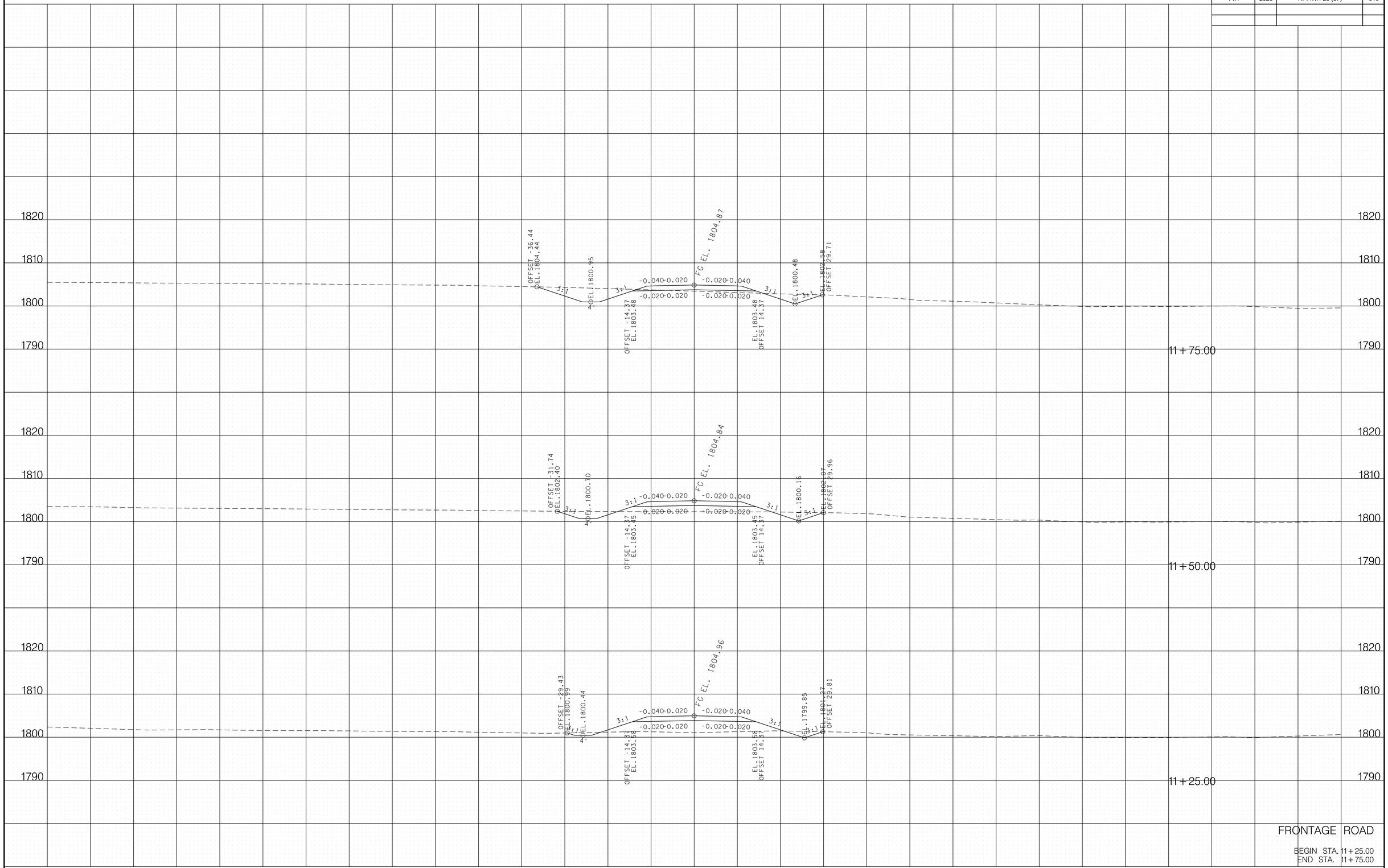


FRONTAGE ROAD

BEGIN STA. 10+00.00
END STA. 11+00.00

1/30/2026 2:36:39 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	310
PIH	2025	HPP/NH-28 (37)	310

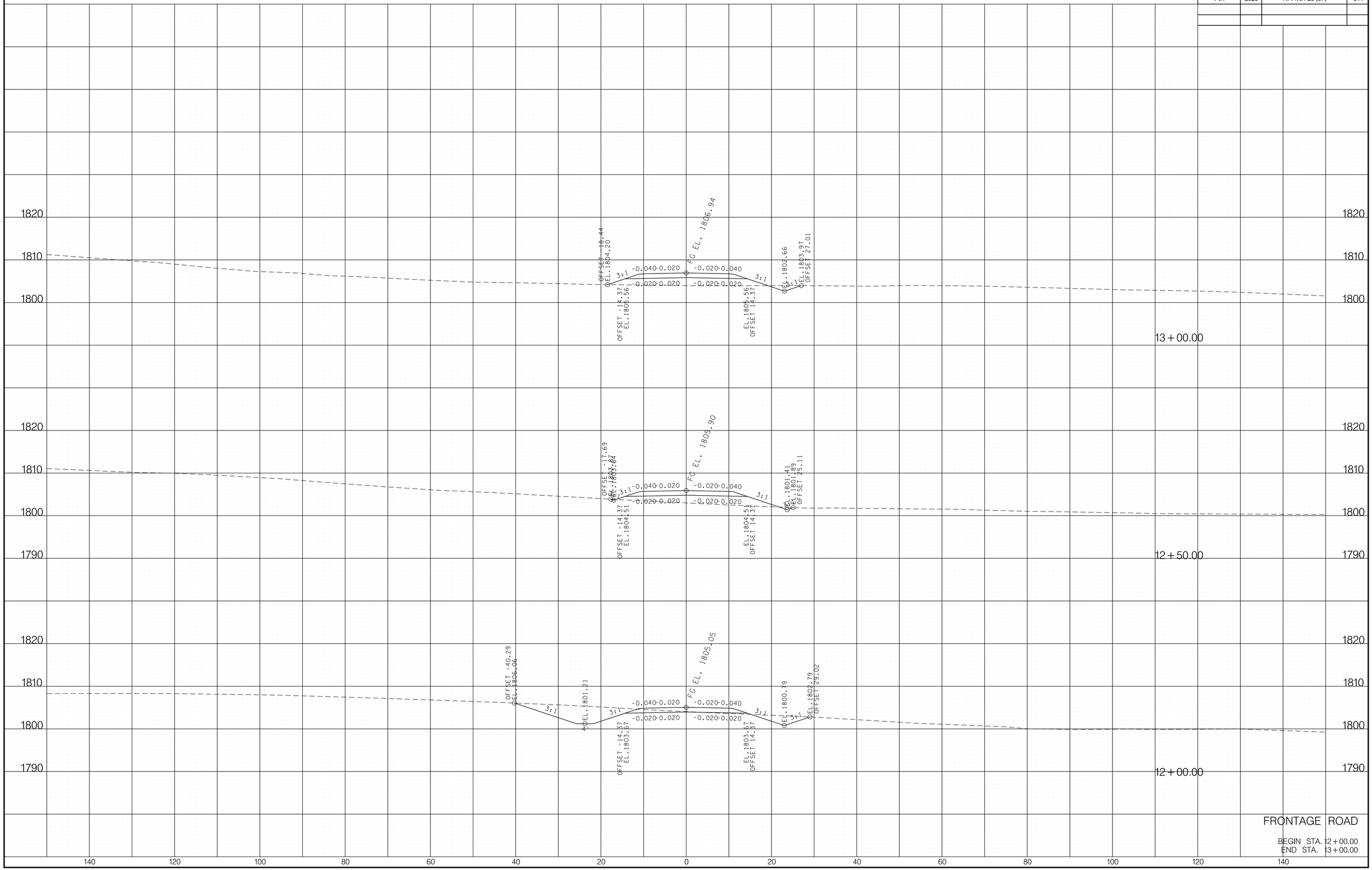


FRONTAGE ROAD

BEGIN STA. 11+25.00
END STA. 11+75.00

1/30/2026 2:36:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	311
PIH	2025	HPP/NH-28 (37)	311

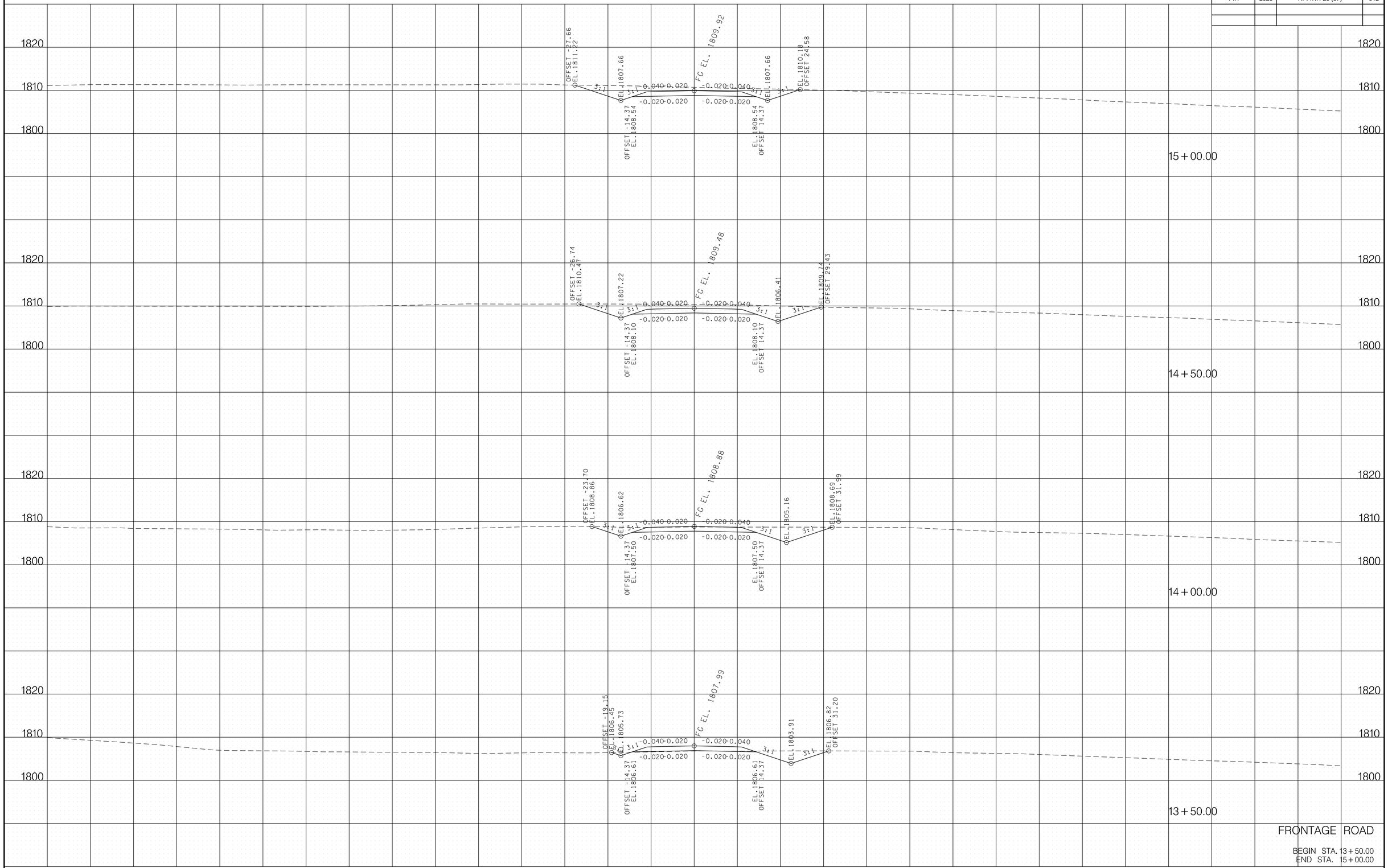


FRONTAGE ROAD

BEGIN STA. 12+00.00
END STA. 13+00.00

1/30/2026 2:36:43 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	312
PIH	2025	HPP/NH-28 (37)	312

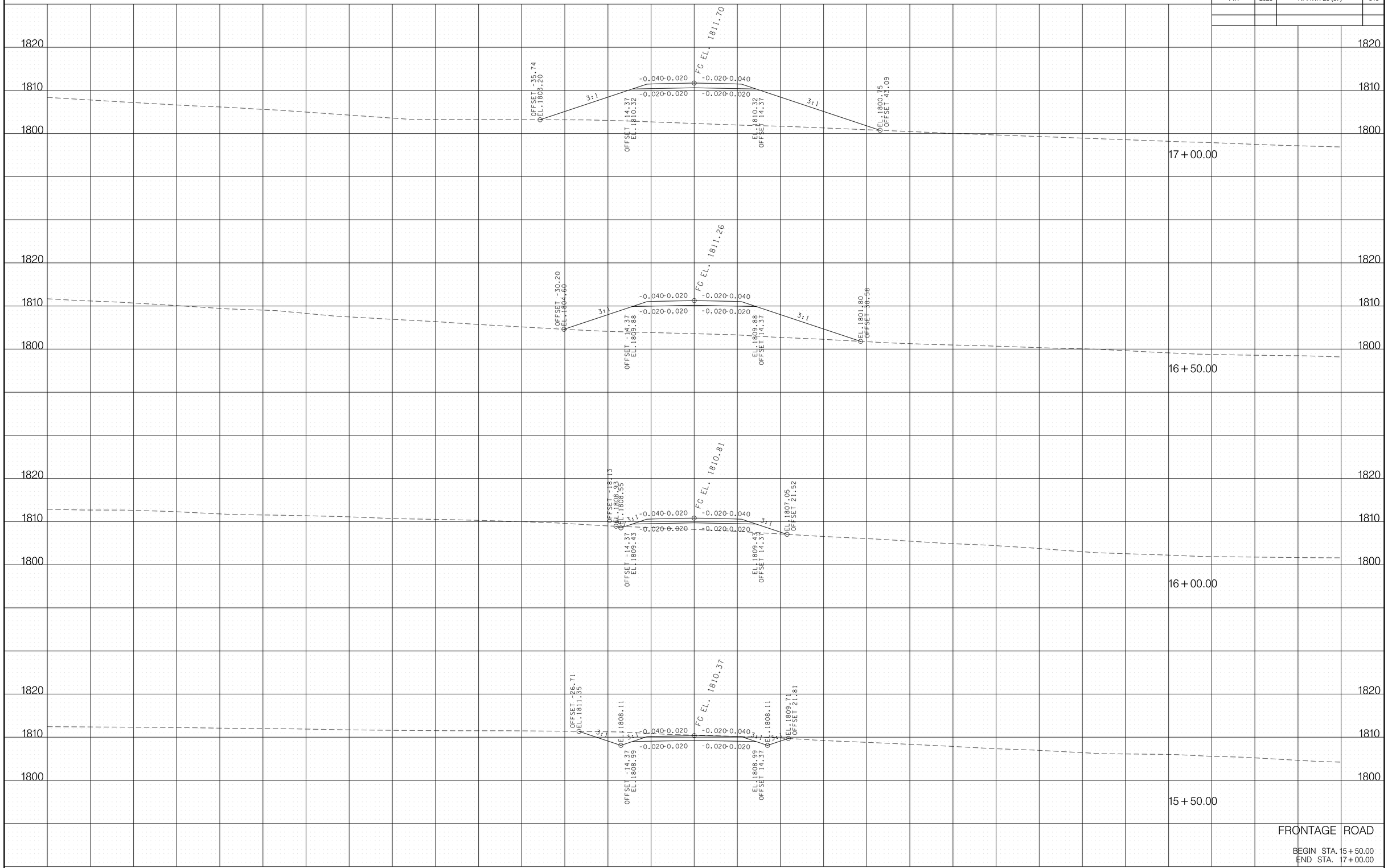


FRONTAGE ROAD

BEGIN STA. 13 + 50.00
END STA. 15 + 00.00

1/30/2026 2:36:45 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	313
PIH	2025	HPP/NH-28 (37)	313

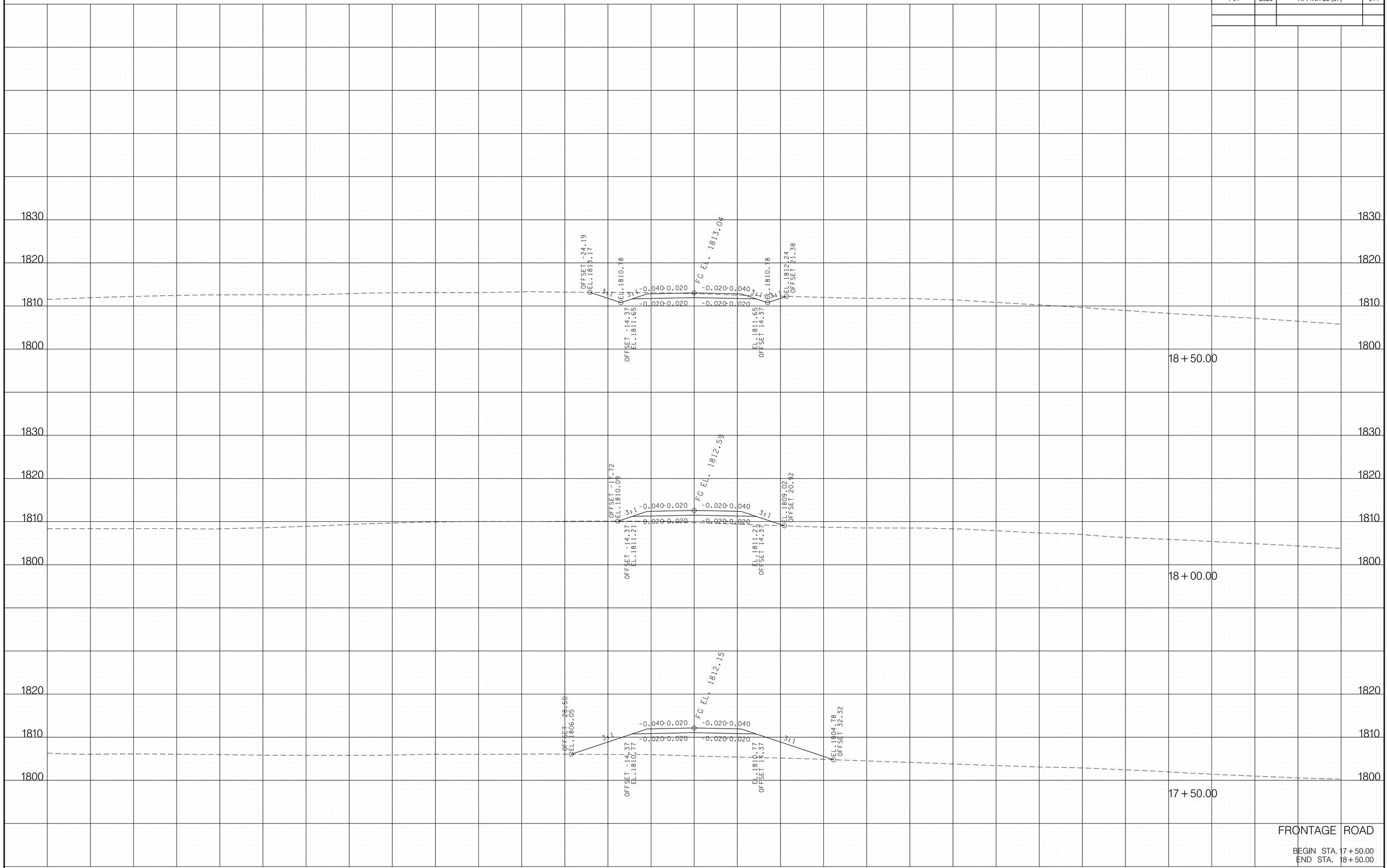


FRONTAGE ROAD

BEGIN STA. 15 + 50.00
END STA. 17 + 00.00

1/30/2026 2:36:47 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	314
PIH	2025	HPP/NH-28 (37)	314

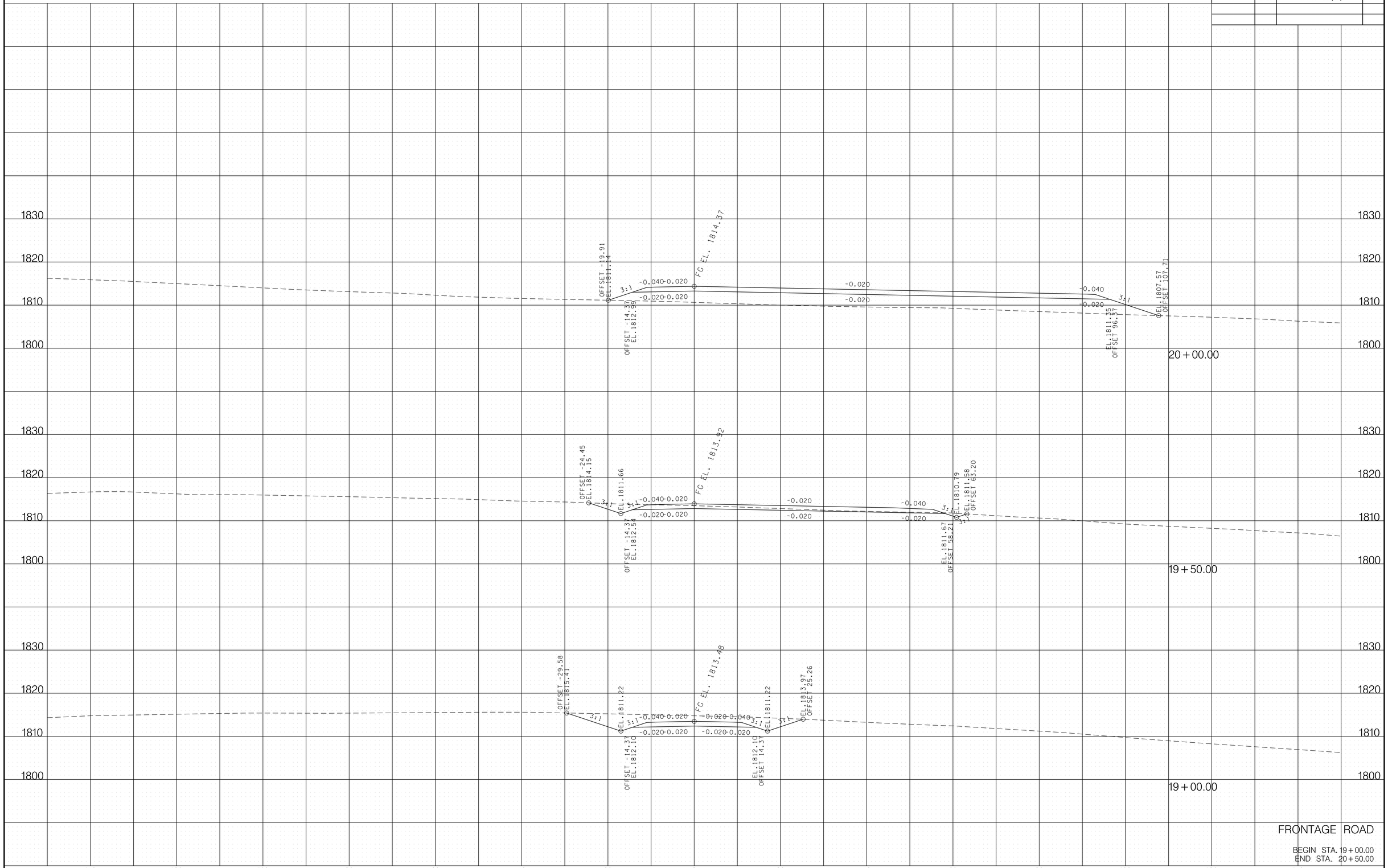


FRONTAGE ROAD

BEGIN STA. 17 + 50.00
END STA. 18 + 50.00

1/30/2026 2:36:49 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	315
PIH	2025	HPP/NH-28 (37)	315

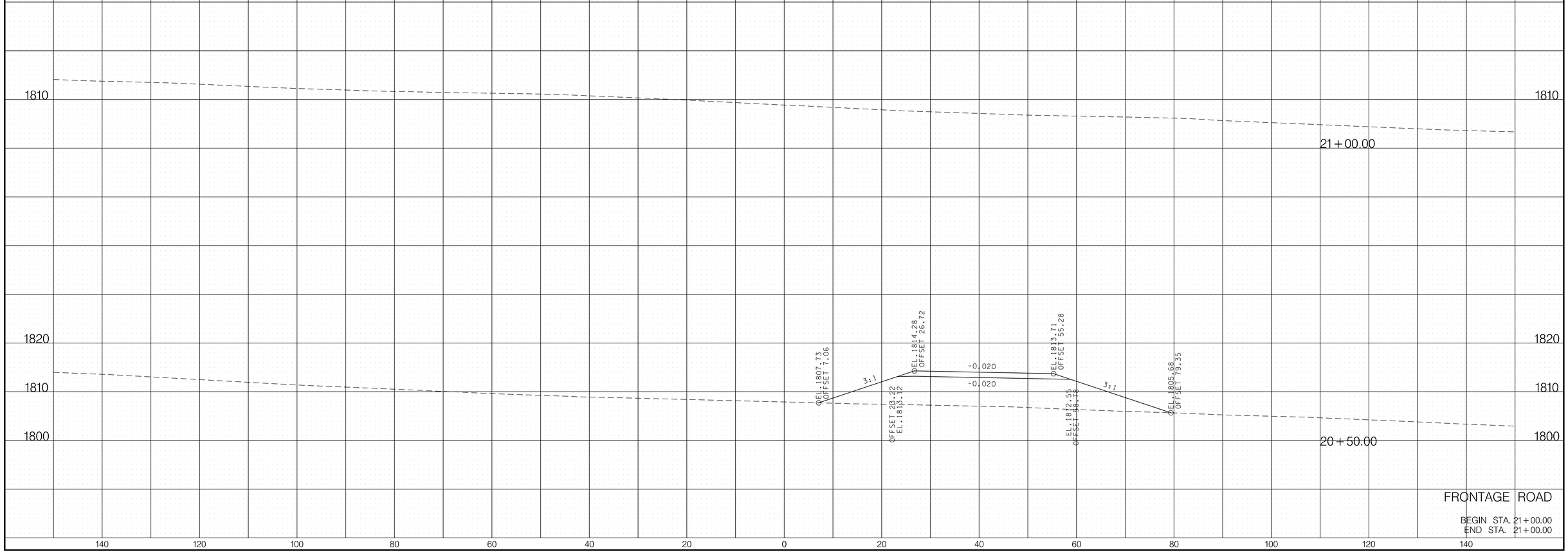


FRONTAGE ROAD

BEGIN STA. 19 + 00.00
END STA. 20 + 50.00

1/30/2026 2:36:51 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	316
PIH	2025	HPP/NH-28 (37)	316

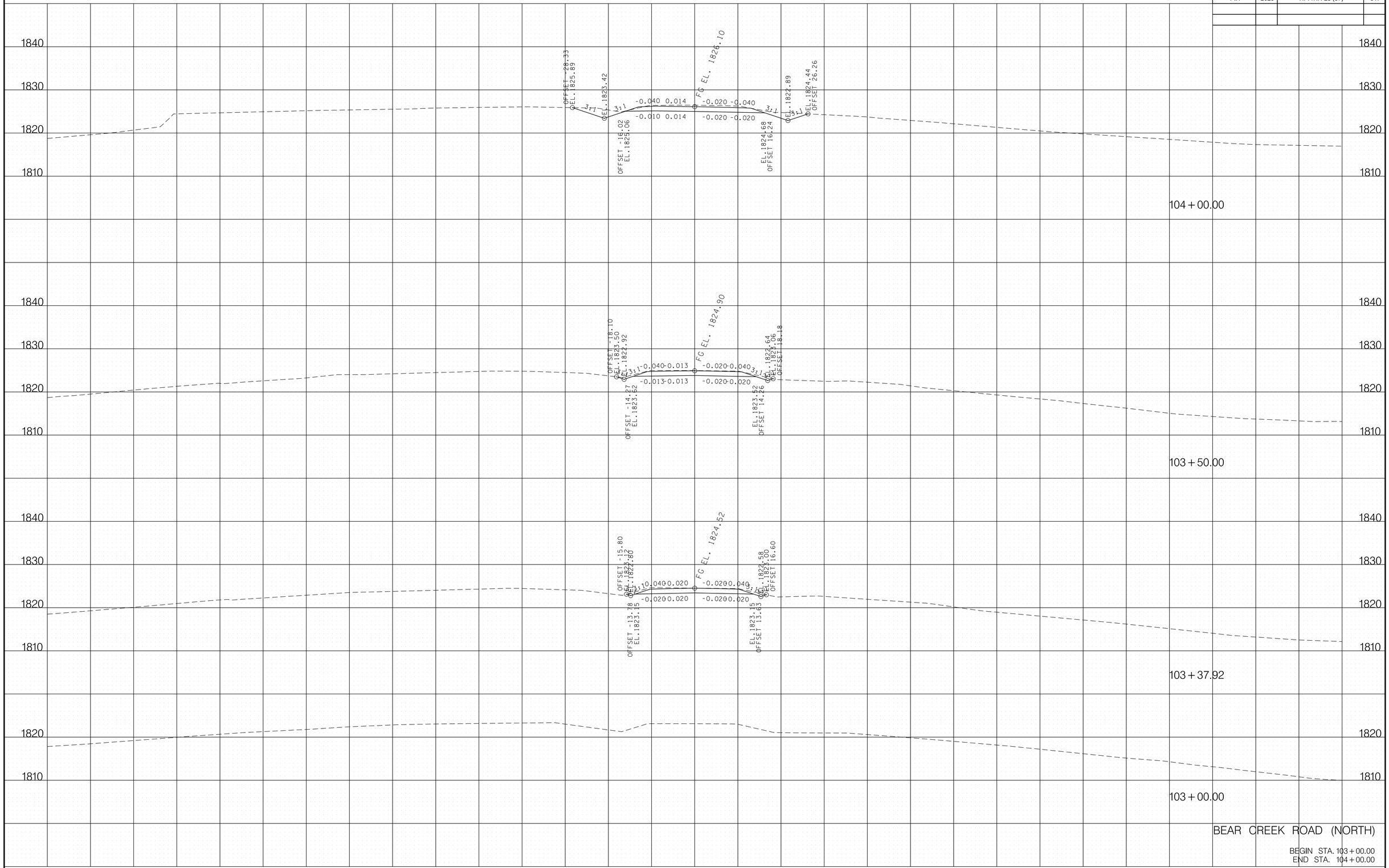


FRONTAGE ROAD

BEGIN STA. 21+00.00
END STA. 21+00.00

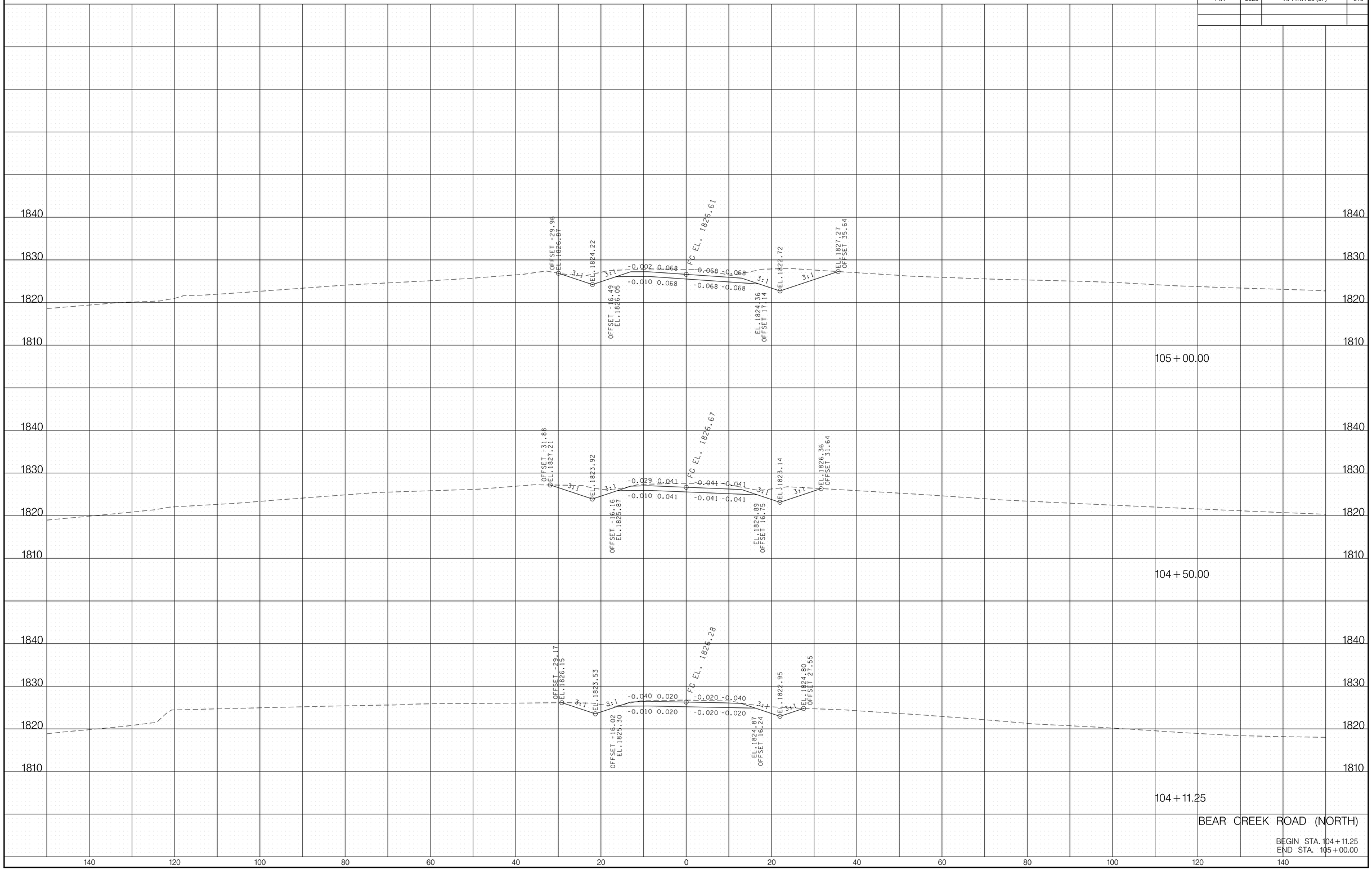
1/30/2026 2:36:54 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	317
PIH	2025	HPP/NH-28 (37)	317



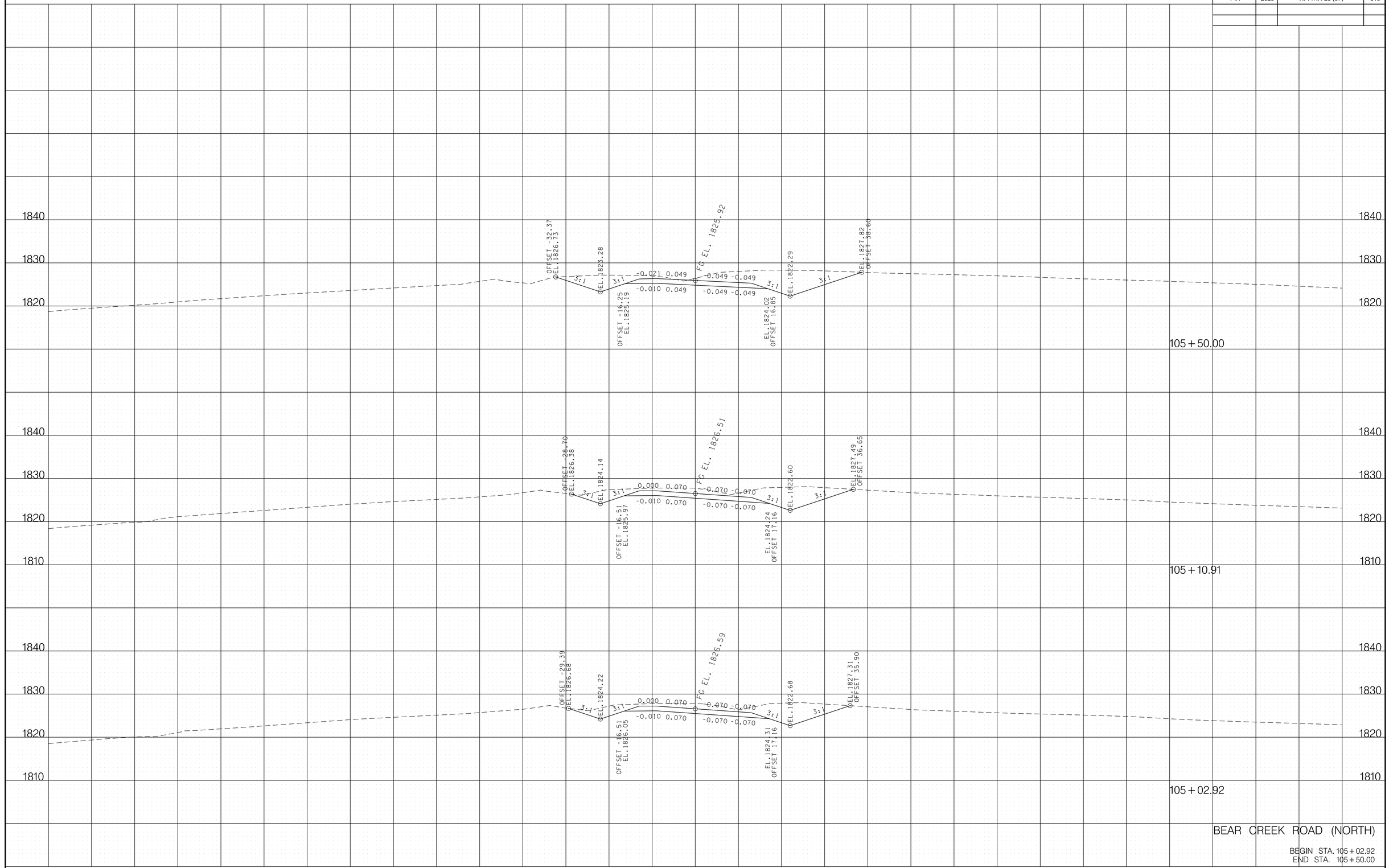
1/30/2026 2:36:56 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	318
PIH	2025	HPP/NH-28 (37)	318



1/30/2026 2:36:58 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	319
PIH	2025	HPP/NH-28 (37)	319

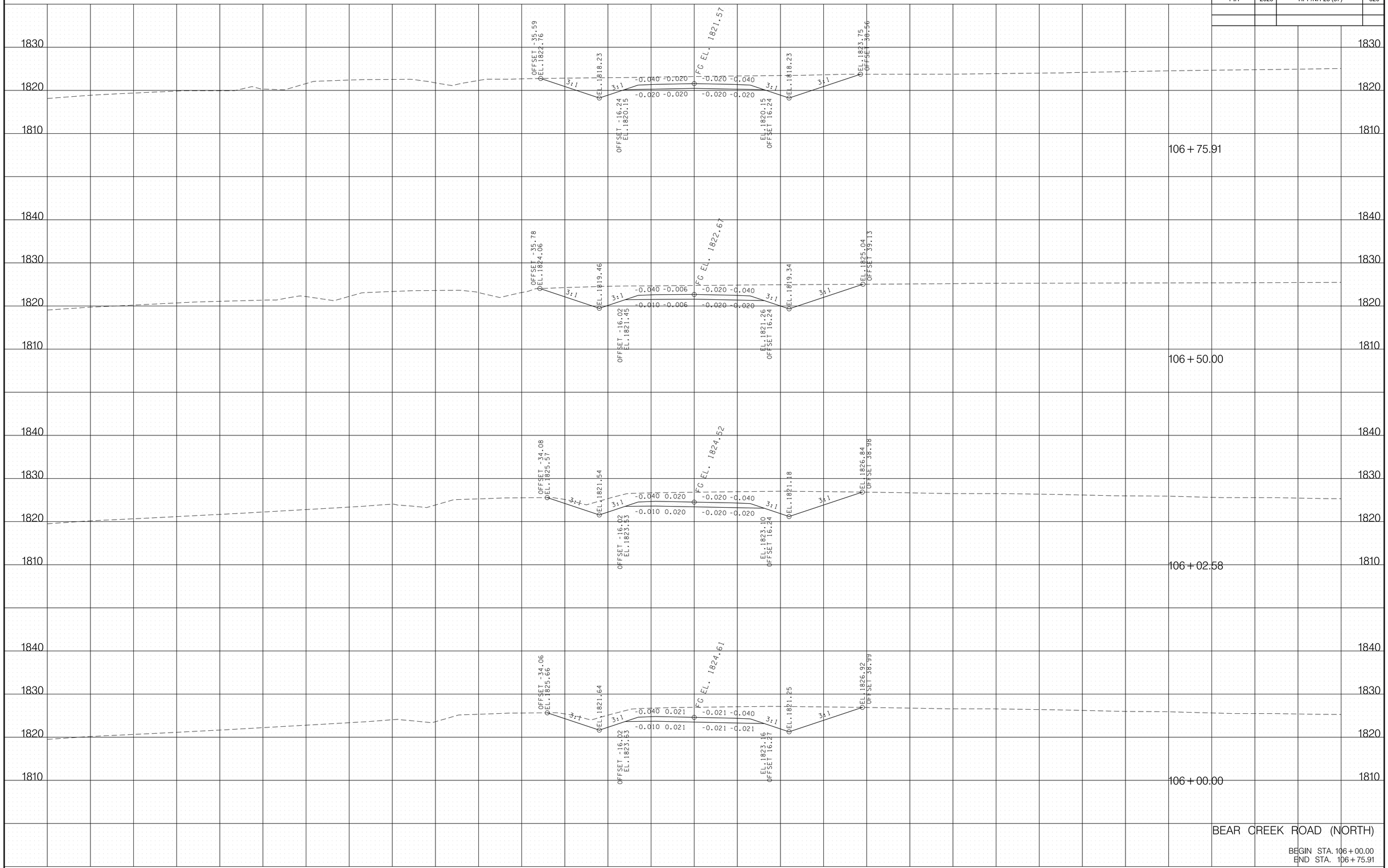


BEAR CREEK ROAD (NORTH)

BEGIN STA. 105+02.92
END STA. 105+50.00

1/30/2026 2:37:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	320
PIH	2025	HPP/NH-28 (37)	320

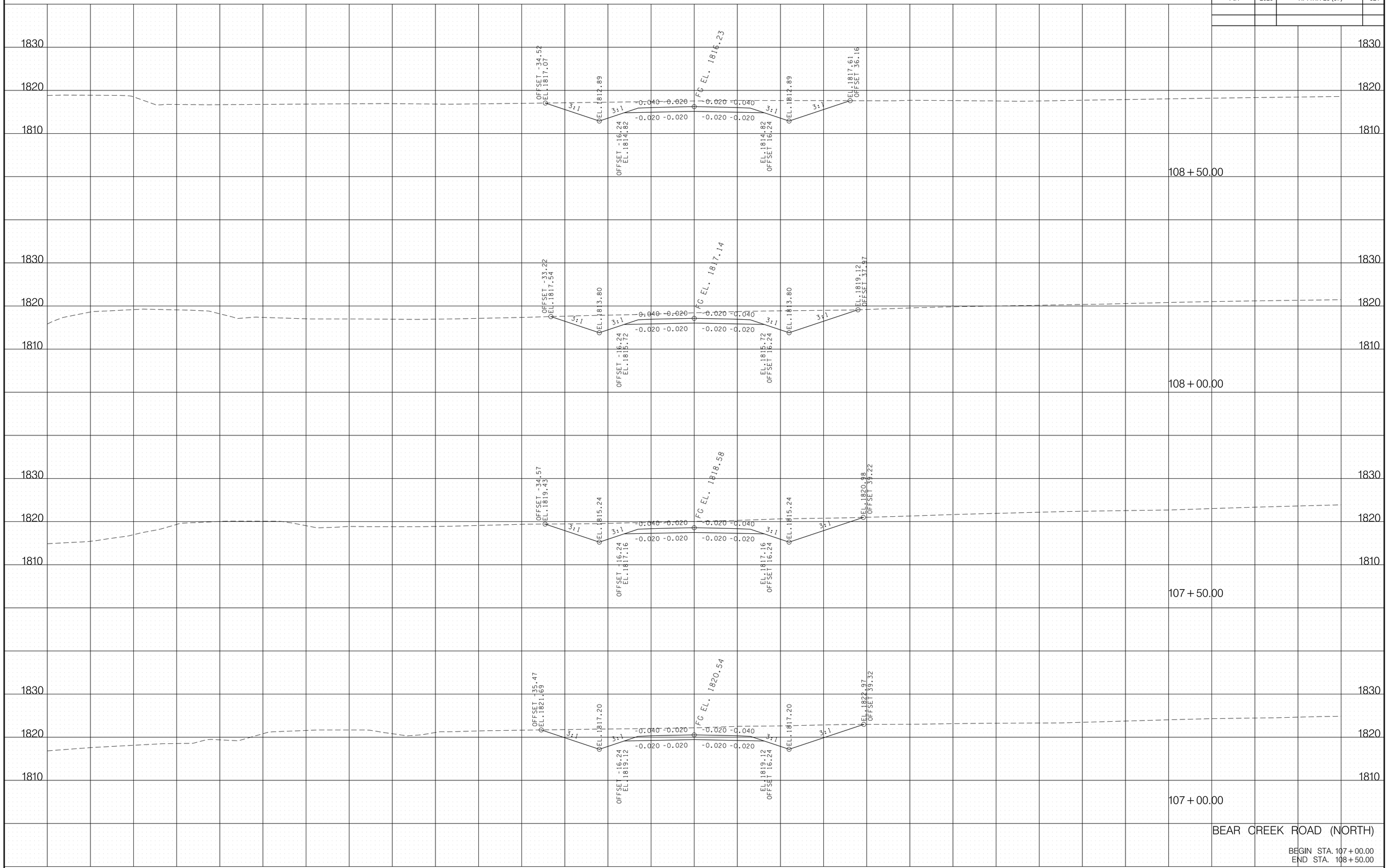


BEAR CREEK ROAD (NORTH)

BEGIN STA. 106 + 00.00
END STA. 106 + 75.91

1/30/2026 2:37:02 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	321
PIH	2025	HPP/NH-28 (37)	321

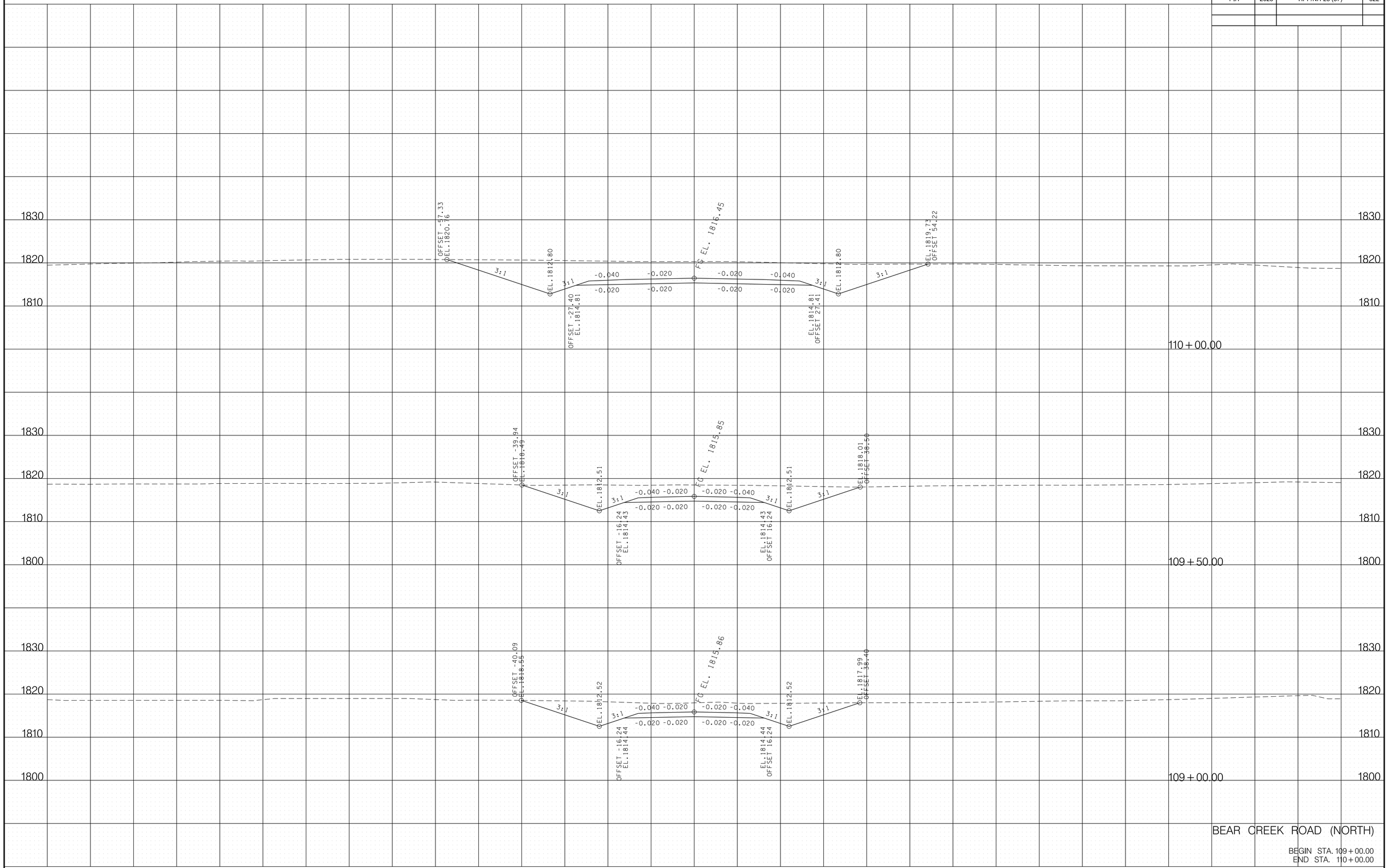


BEAR CREEK ROAD (NORTH)

BEGIN STA. 107 + 00.00
END STA. 108 + 50.00

1/30/2026 2:37:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	322
PIH	2025	HPP/NH-28 (37)	322

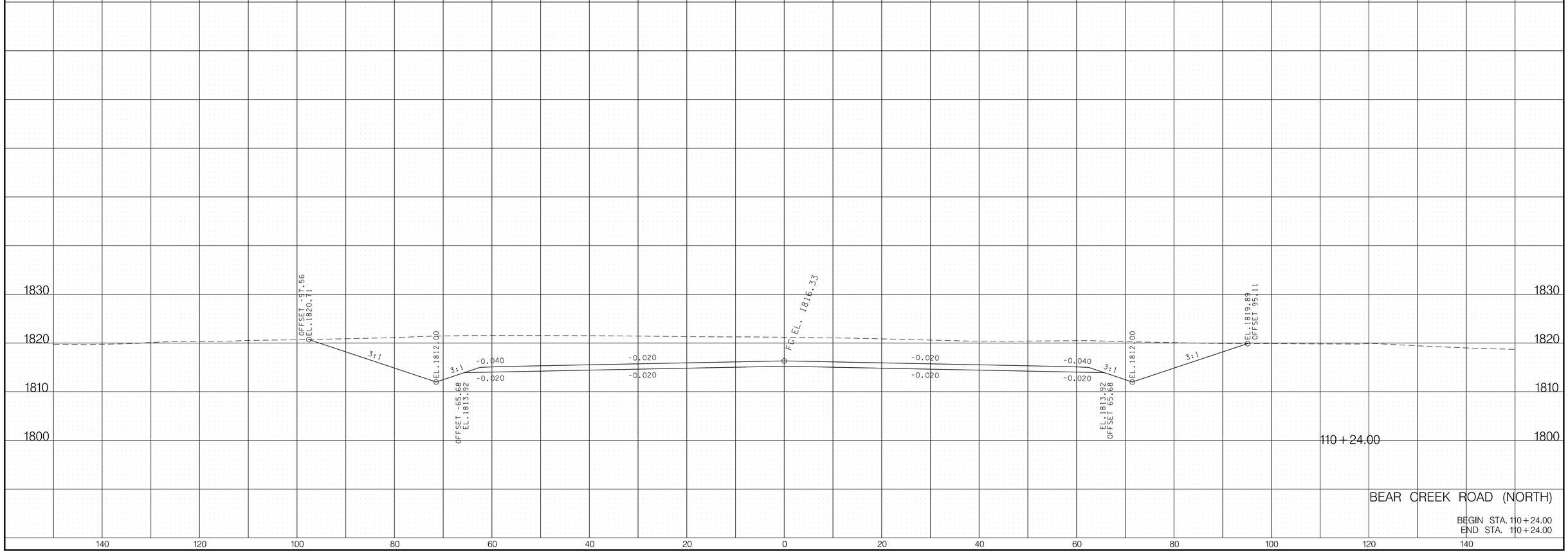


BEAR CREEK ROAD (NORTH)

BEGIN STA. 109 + 00.00
END STA. 110 + 00.00

1/30/2026 2:37:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	323
PIH	2025	HPP/NH-28 (37)	323

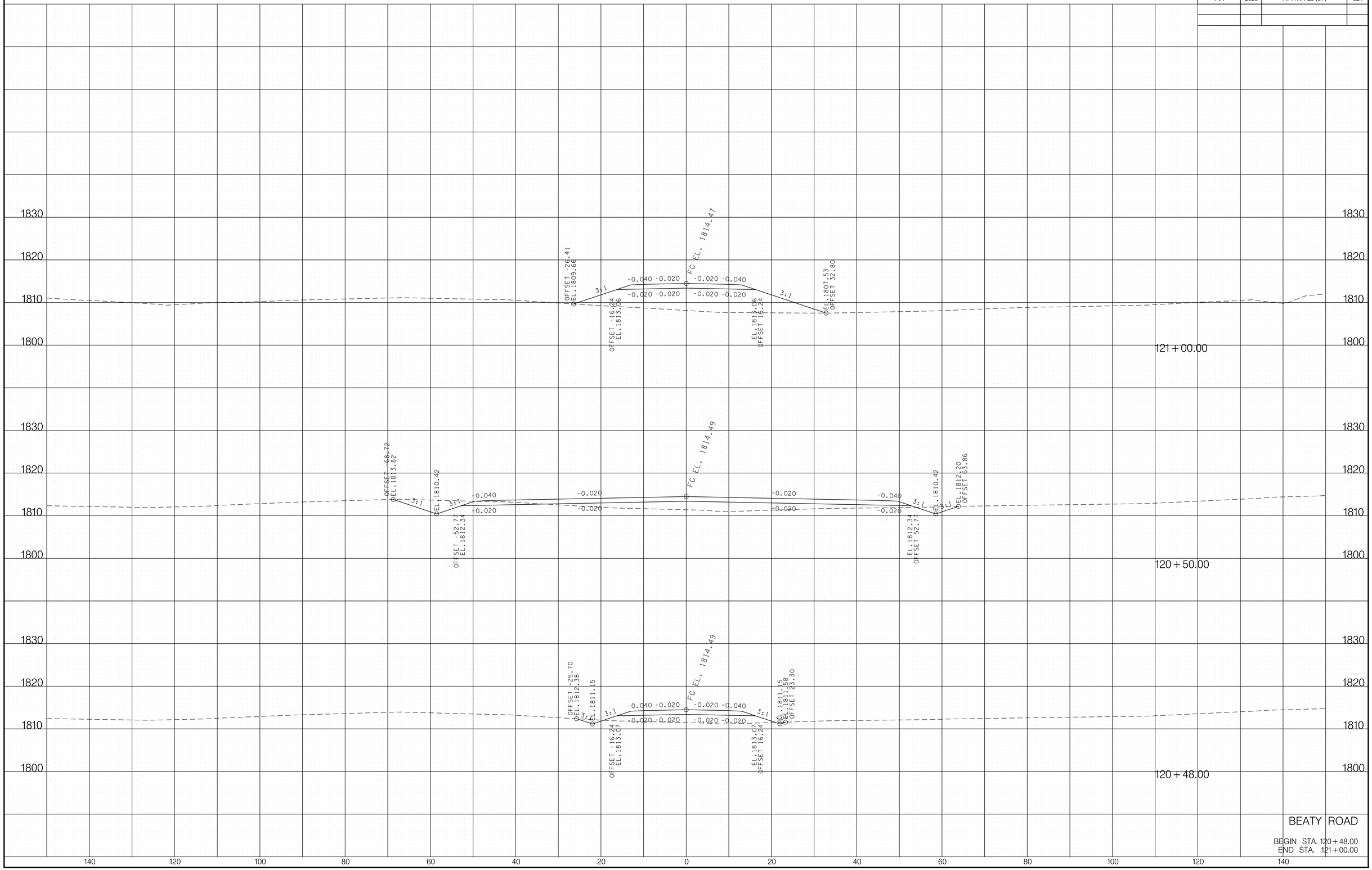


BEAR CREEK ROAD (NORTH)

BEGIN STA. 110+24.00
END STA. 110+24.00

1/30/2026 2:37:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	324
PIH	2025	HPP/NH-28 (37)	324

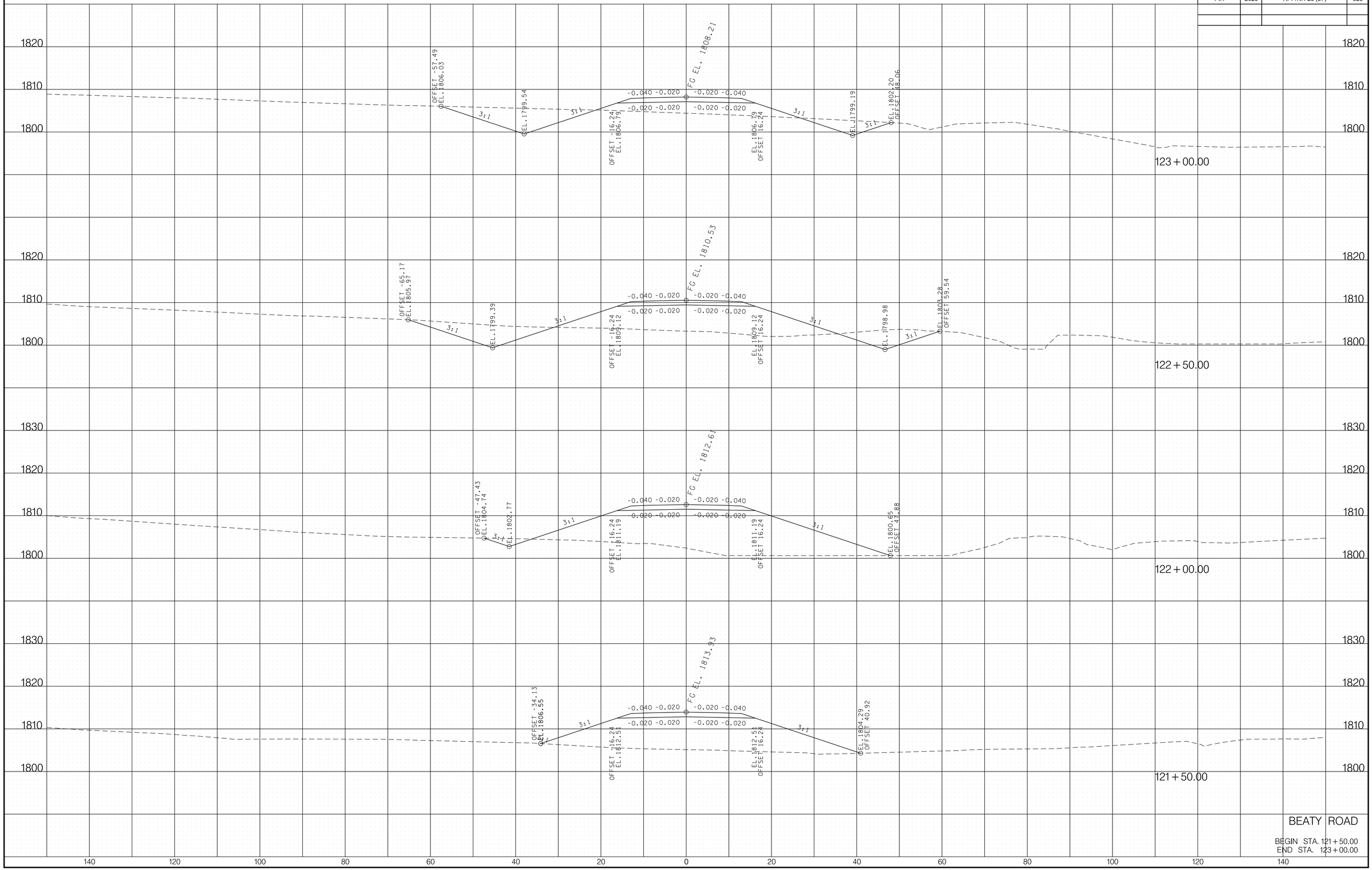


BEATY ROAD

BEGIN STA. 120+48.00
END STA. 121+00.00

1/30/2026 2:37:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	325
PIH	2025	HPP/NH-28 (37)	325

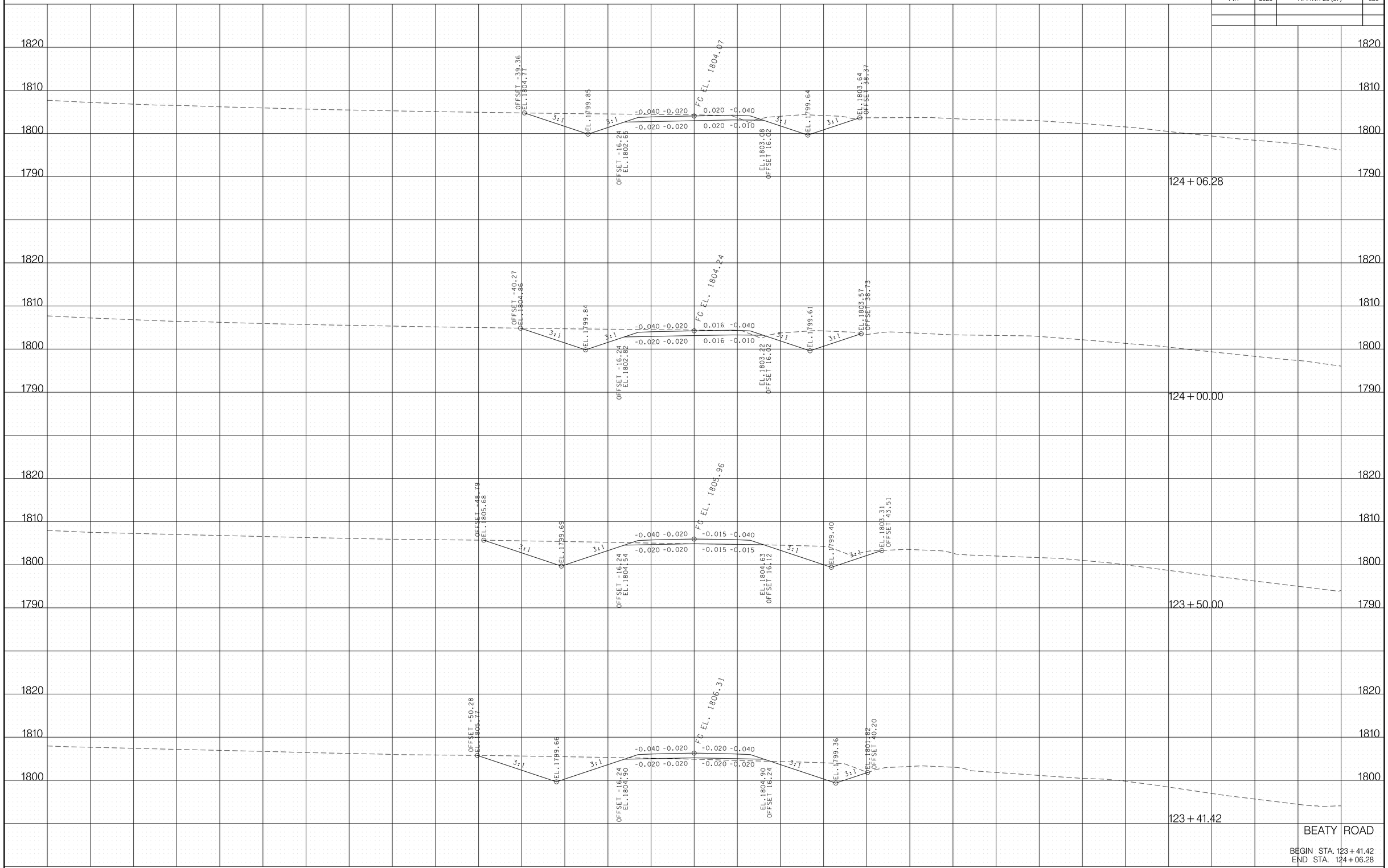


BEATY ROAD

BEGIN STA. 121 + 50.00
END STA. 123 + 00.00

1/30/2026 2:37:12 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	326
PIH	2025	HPP/NH-28 (37)	326

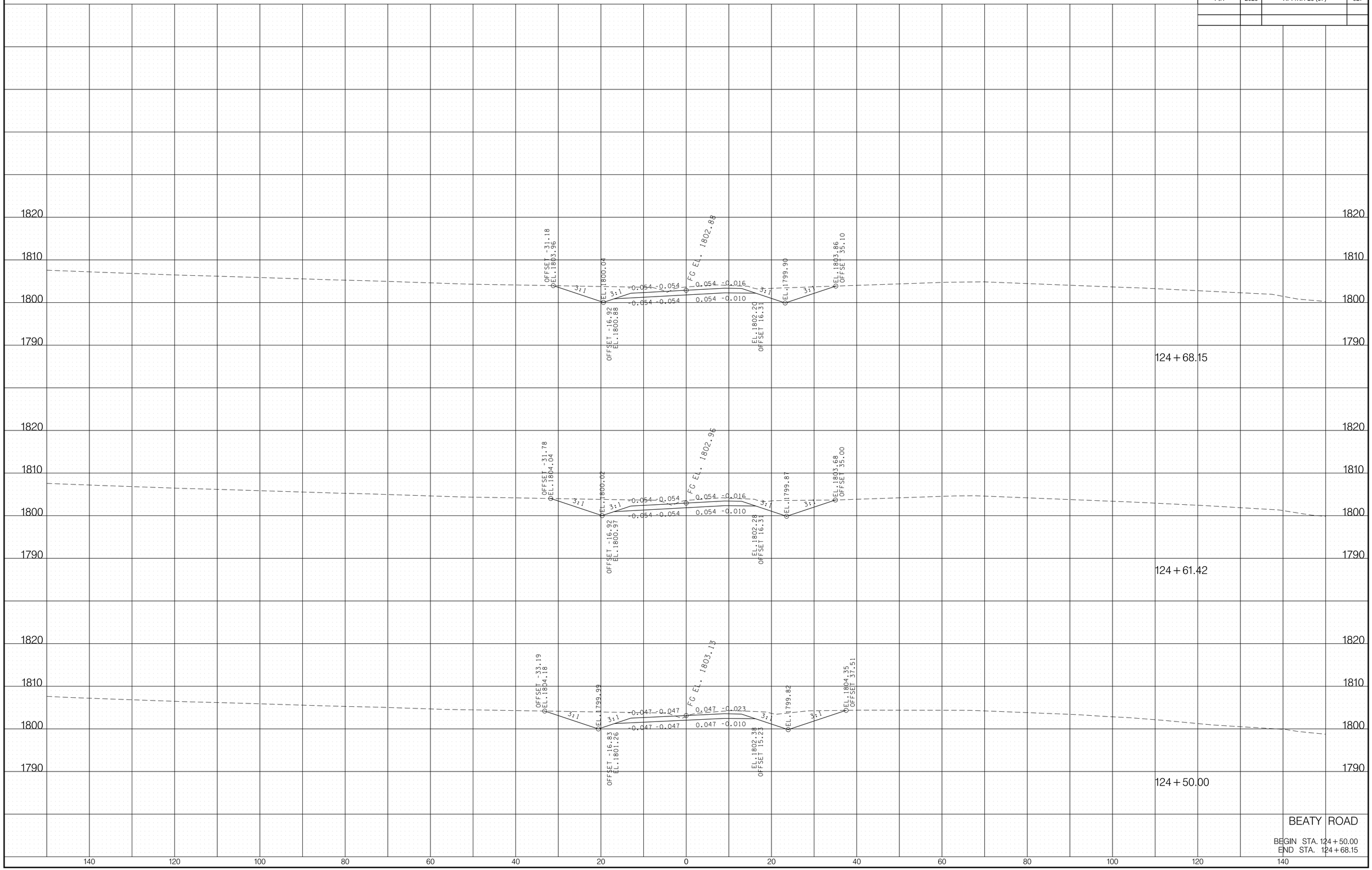


BEATY ROAD

BEGIN STA. 123 + 41.42
END STA. 124 + 06.28

1/30/2026 2:37:14 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	327
PIH	2025	HPP/NH-28 (37)	327

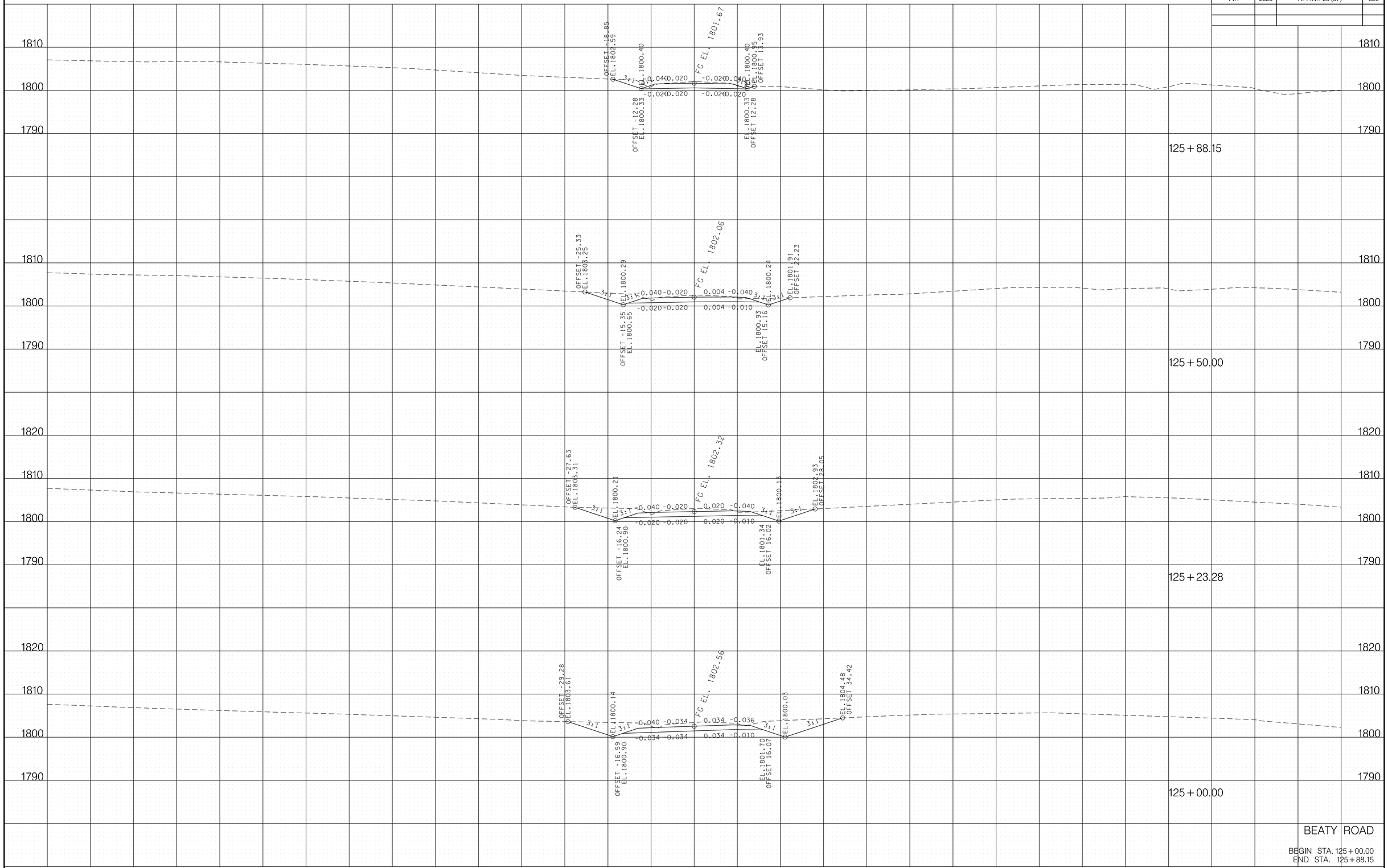


BEATY ROAD

BEGIN STA. 124+50.00
END STA. 124+68.15

1/30/2026 2:37:16 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	328
PIH	2025	HPP/NH-28 (37)	328

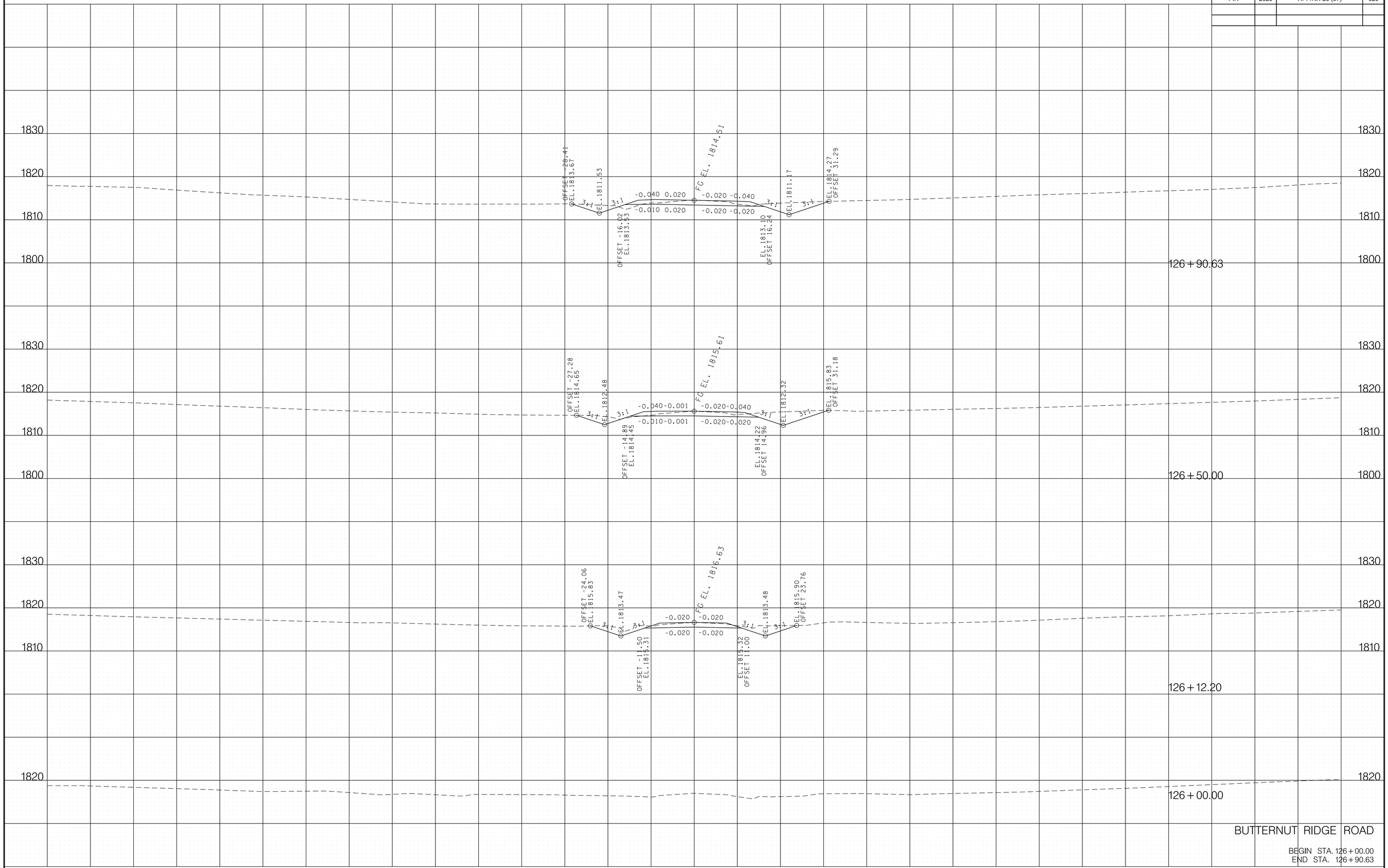


BEATY ROAD

BEGIN STA. 125 + 00.00
END STA. 125 + 88.15

1/30/2026 2:37:18 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	329
PIH	2025	HPP/NH-28 (37)	329

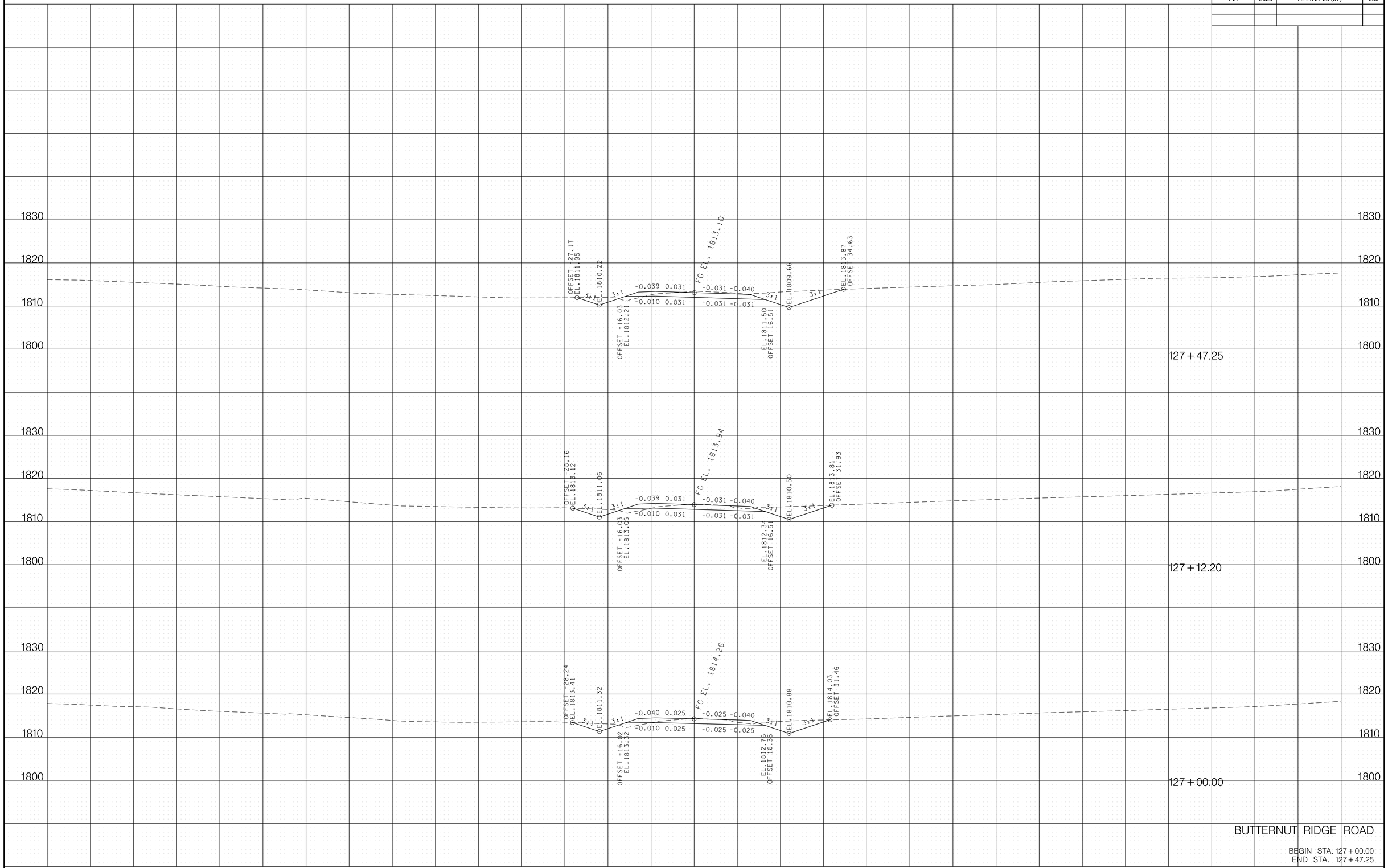


BUTTERNUT RIDGE ROAD

BEGIN STA. 126+00.00
END STA. 126+90.63

1/30/2026 2:37:21 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	330
PIH	2025	HPP/NH-28 (37)	330

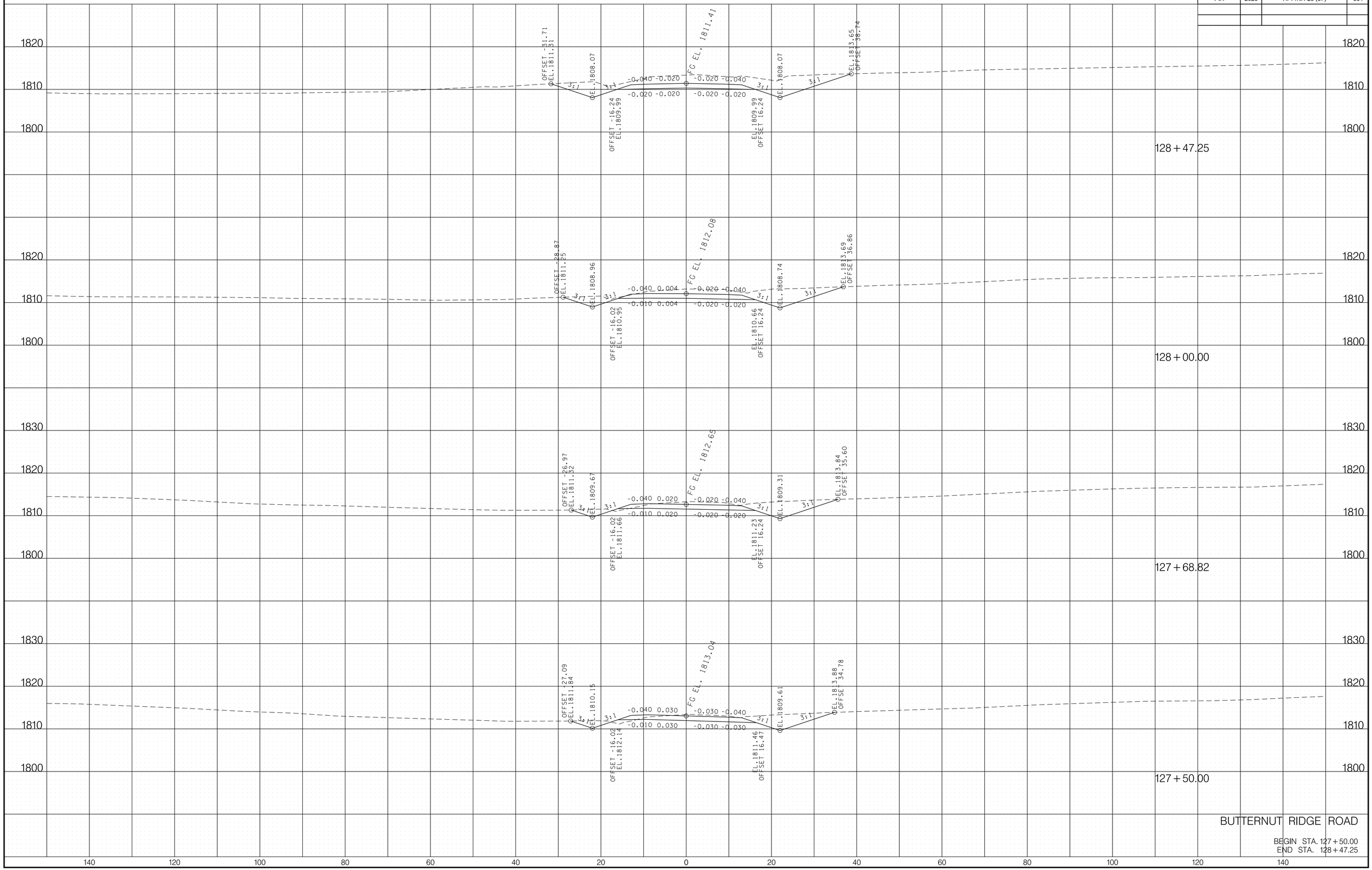


BUTTERNUT RIDGE ROAD

BEGIN STA. 127 + 00.00
END STA. 127 + 47.25

1/30/2026 2:37:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	331
PIH	2025	HPP/NH-28 (37)	331

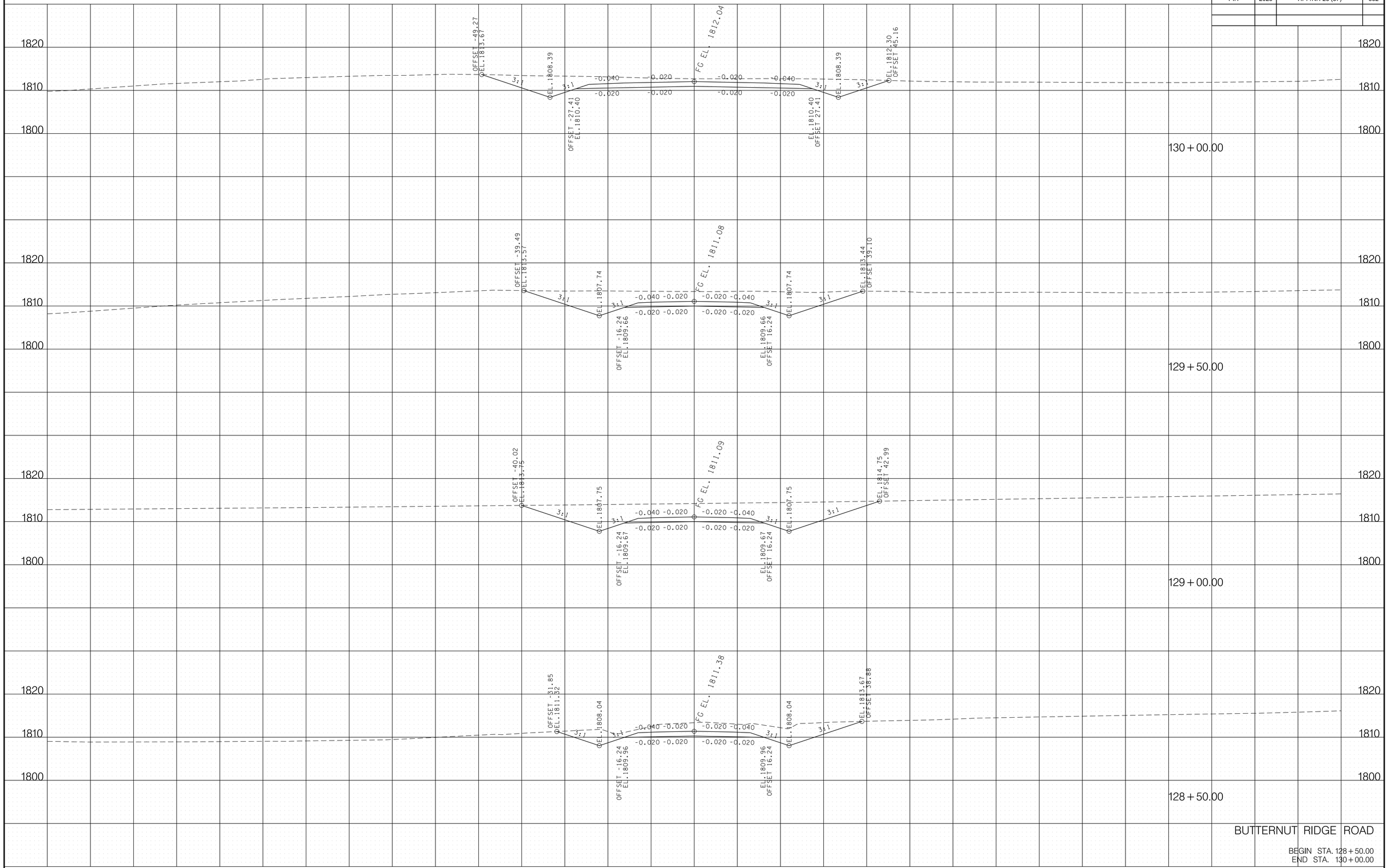


BUTTERNUT RIDGE ROAD

BEGIN STA. 127 + 50.00
END STA. 128 + 47.25

1/30/2026 2:37:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	332
PIH	2025	HPP/NH-28 (37)	332

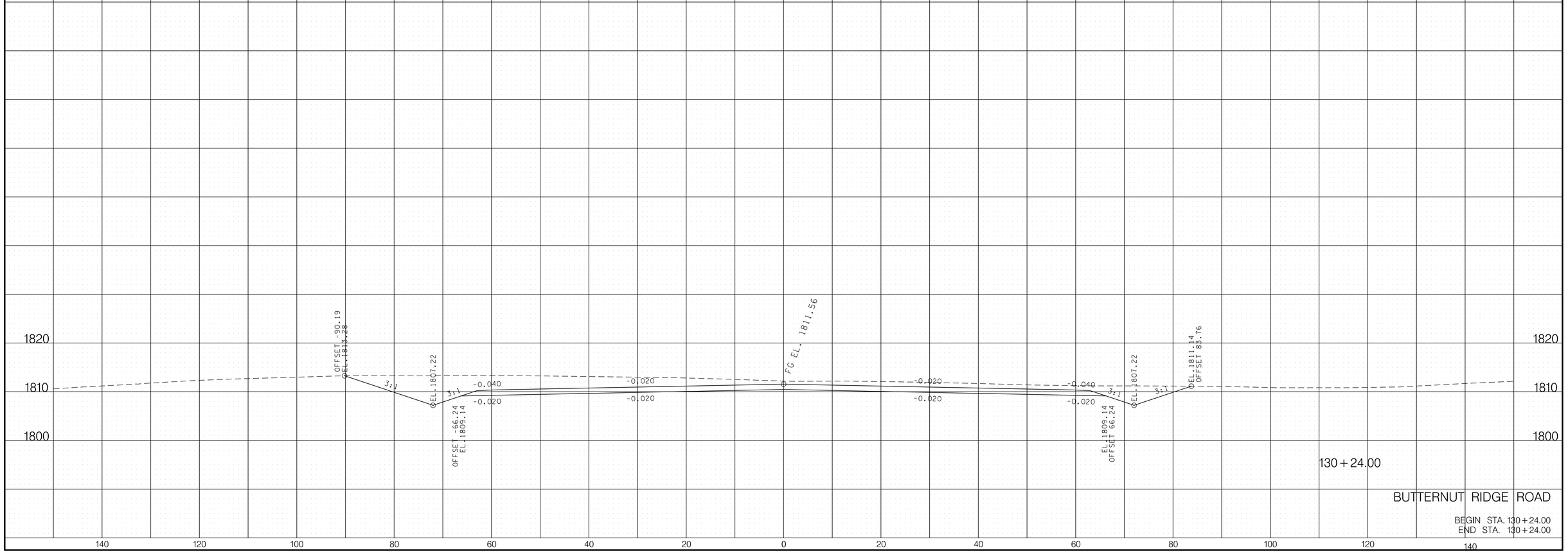


BUTTERNUT RIDGE ROAD

BEGIN STA. 128 + 50.00
END STA. 130 + 00.00

1/30/2026 2:37:27 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	333
PIH	2025	HPP/NH-28 (37)	333

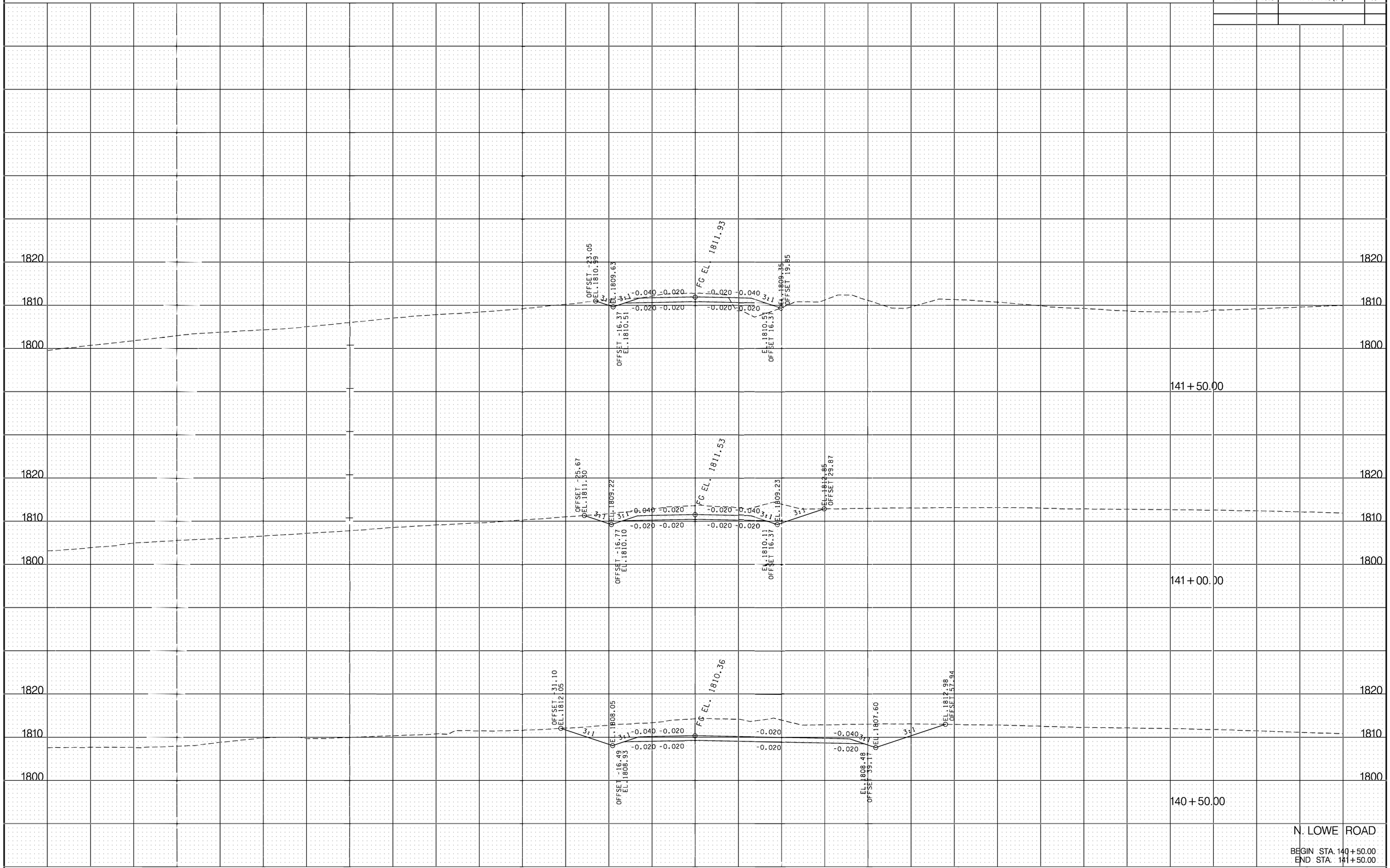


BUTTERNUT RIDGE ROAD

BEGIN STA. 130 + 24.00
END STA. 130 + 24.00

1/30/2026 2:37:29 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	334
PIH	2025	HPP/NH-28 (37)	334

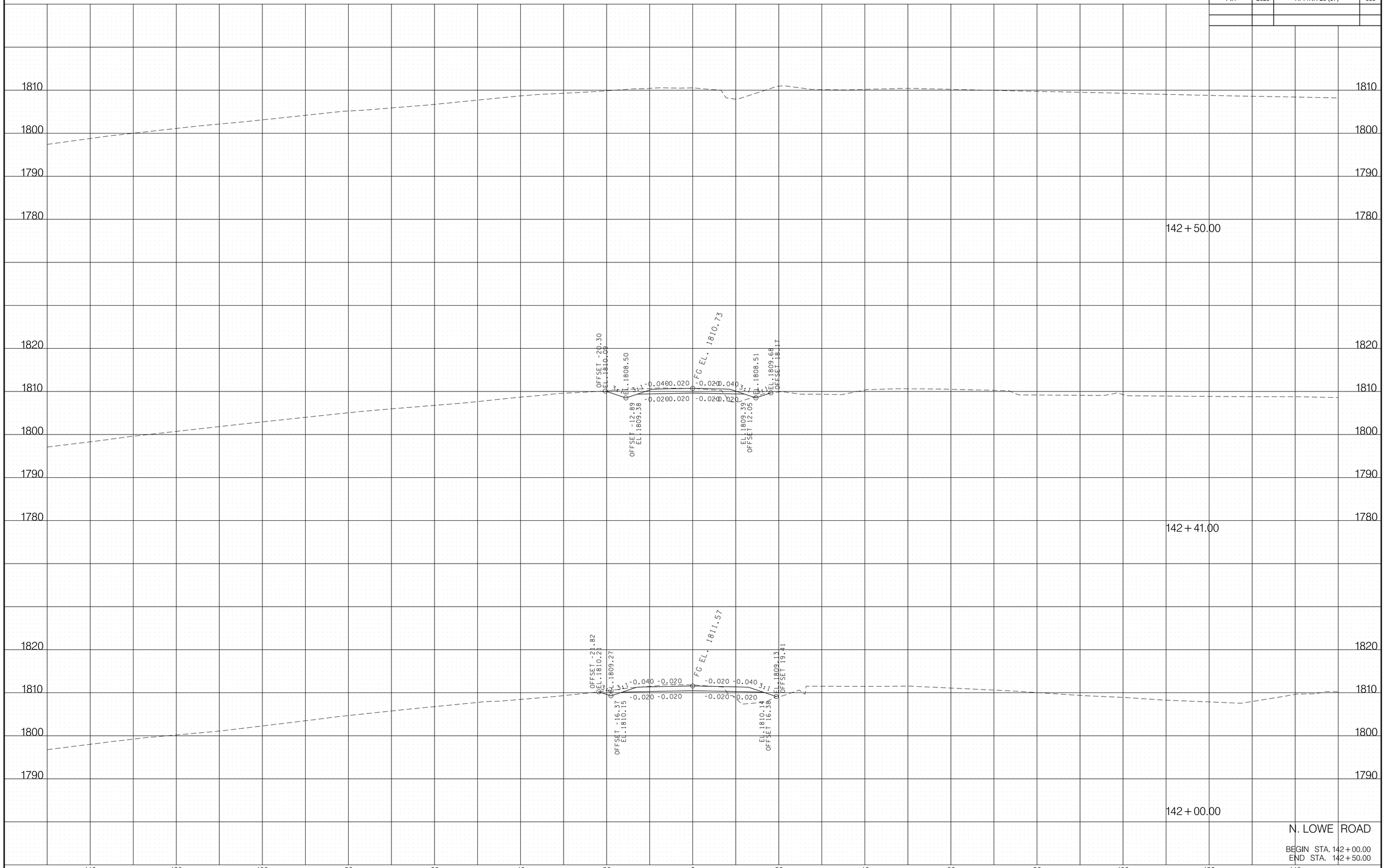


N. LOWE ROAD

BEGIN STA. 140 + 50.00
END STA. 141 + 50.00

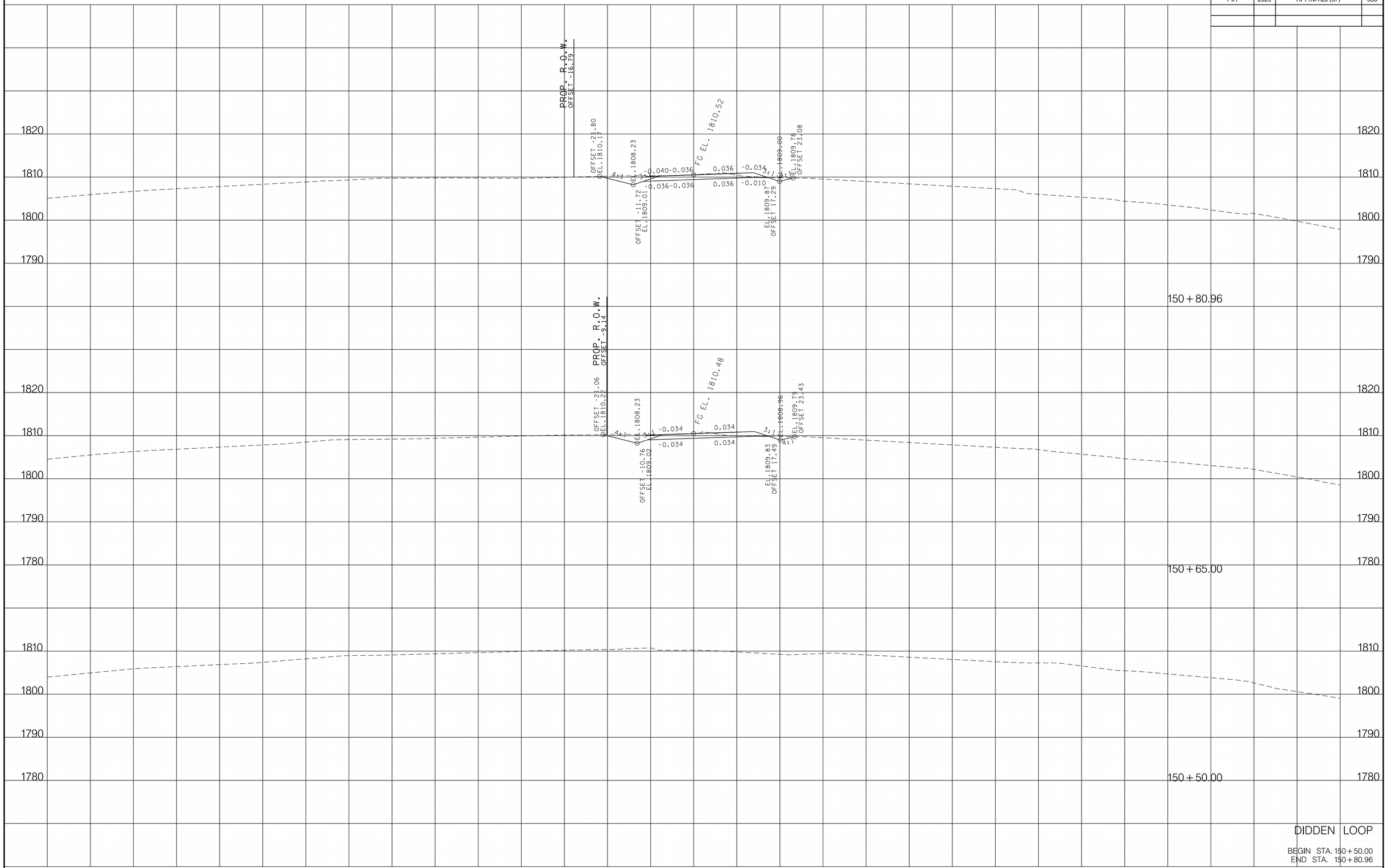
1/30/2026 2:37:31 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	335
PIH	2025	HPP/NH-28 (37)	335



1/30/2026 2:37:33 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	336
PIH	2025	HPP/NH-28 (37)	336

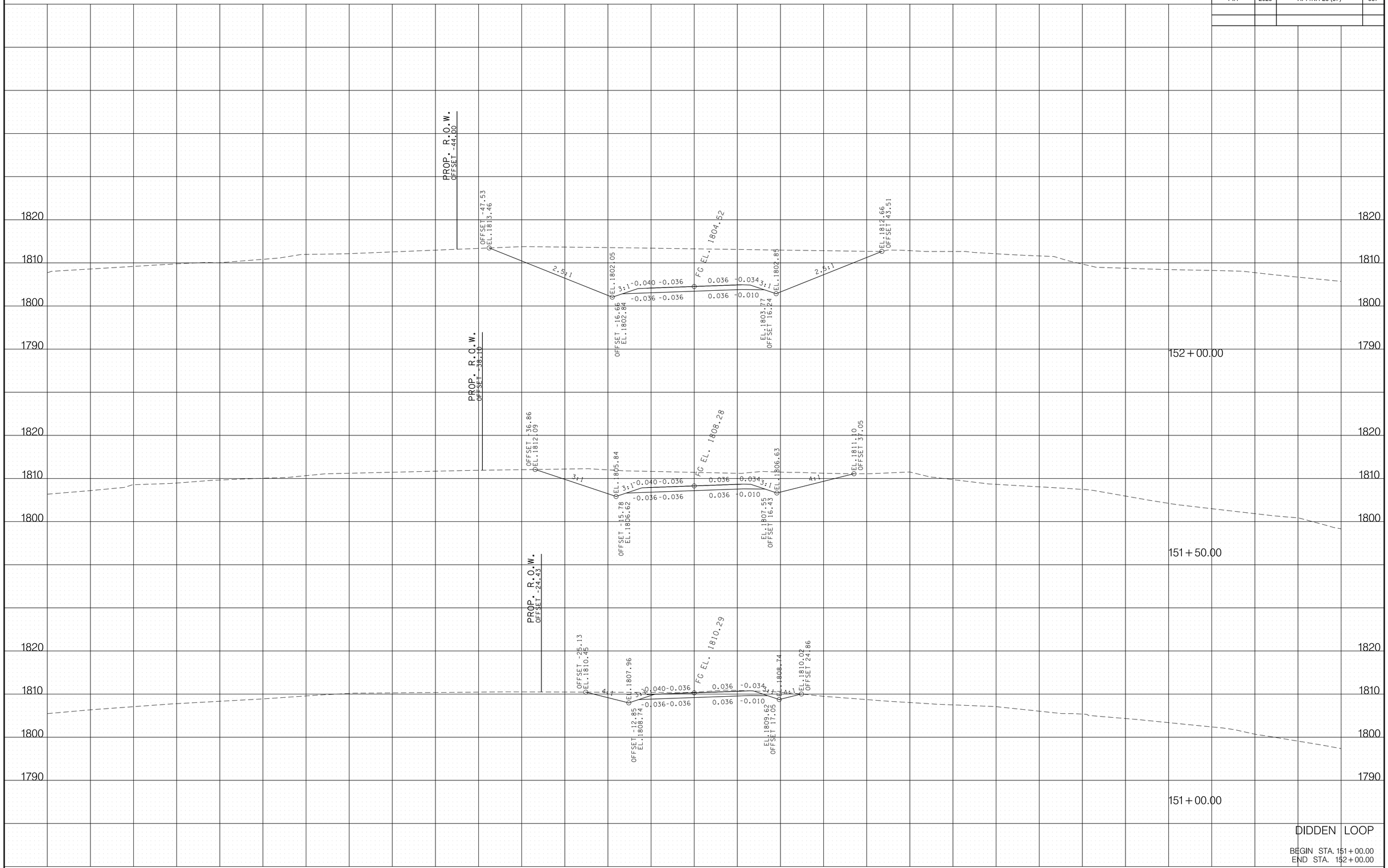


DIDDEN LOOP

BEGIN STA. 150+50.00
END STA. 150+80.96

1/30/2026 2:37:35 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	337
PIH	2025	HPP/NH-28 (37)	337

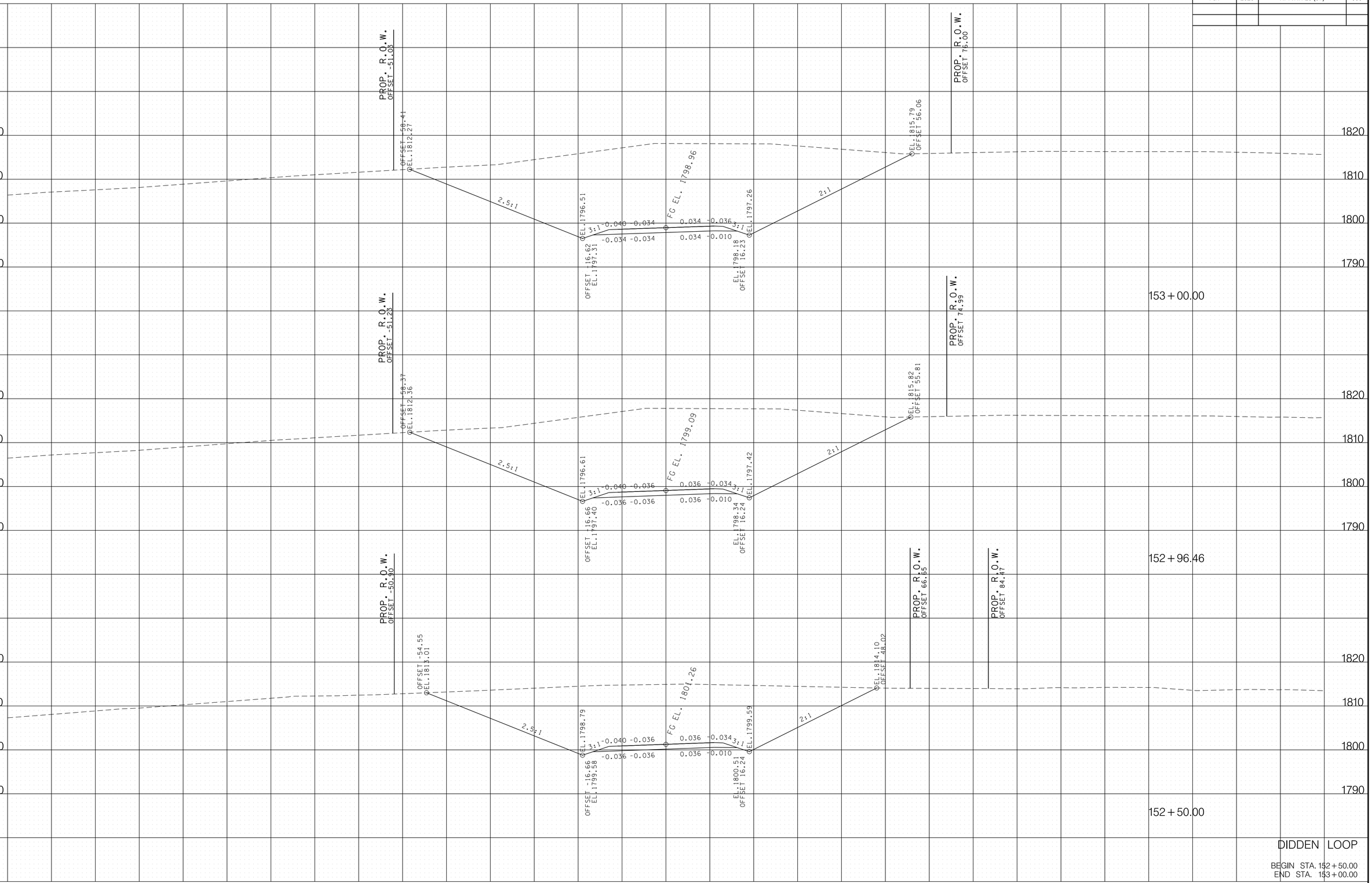


DIDDEN LOOP

BEGIN STA. 151 + 00.00
END STA. 152 + 00.00

1/30/2026 2:37:37 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	338
PIH	2025	HPP/NH-28 (37)	338

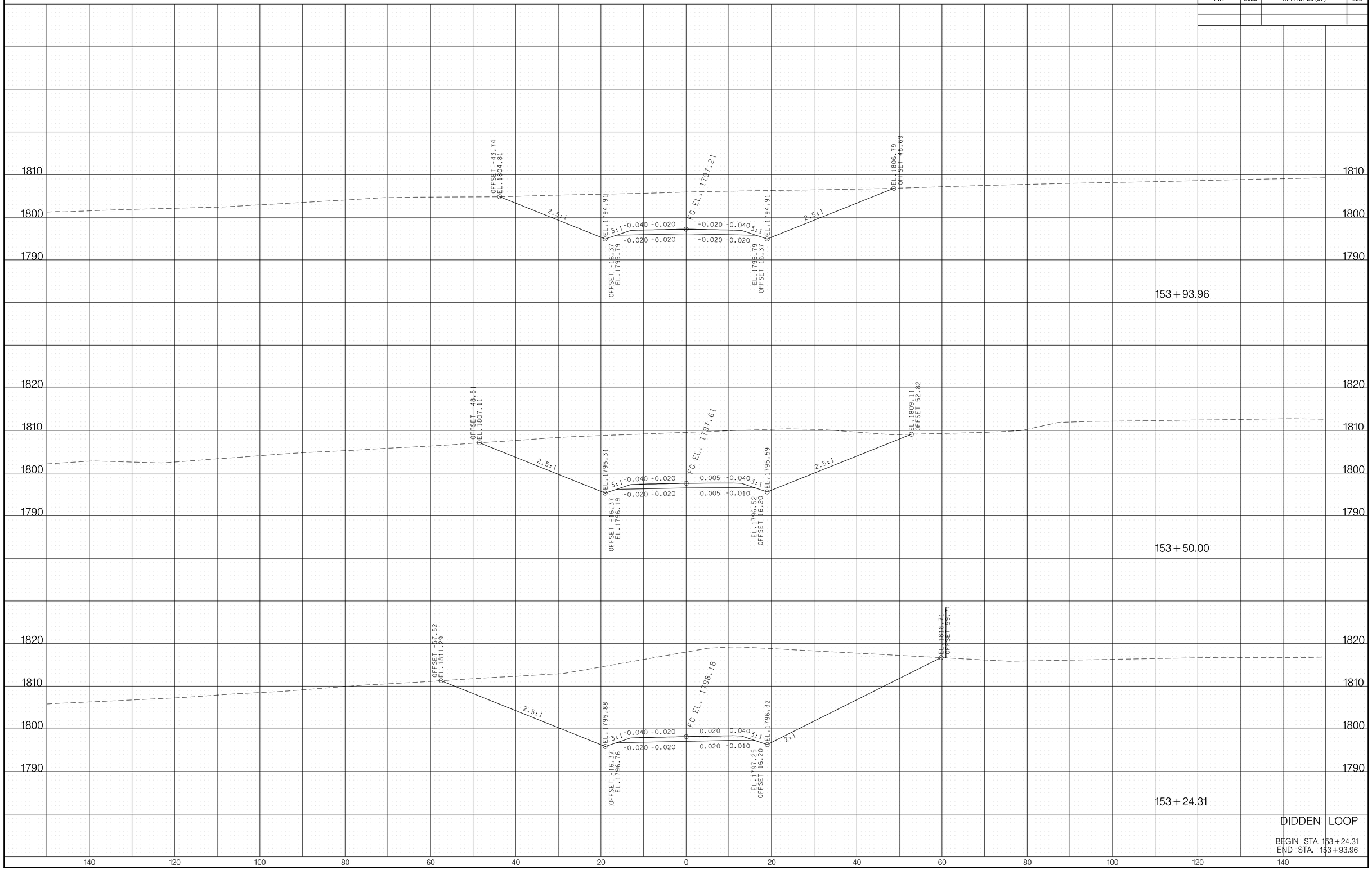


DIDDEN LOOP

BEGIN STA. 152 + 50.00
END STA. 153 + 00.00

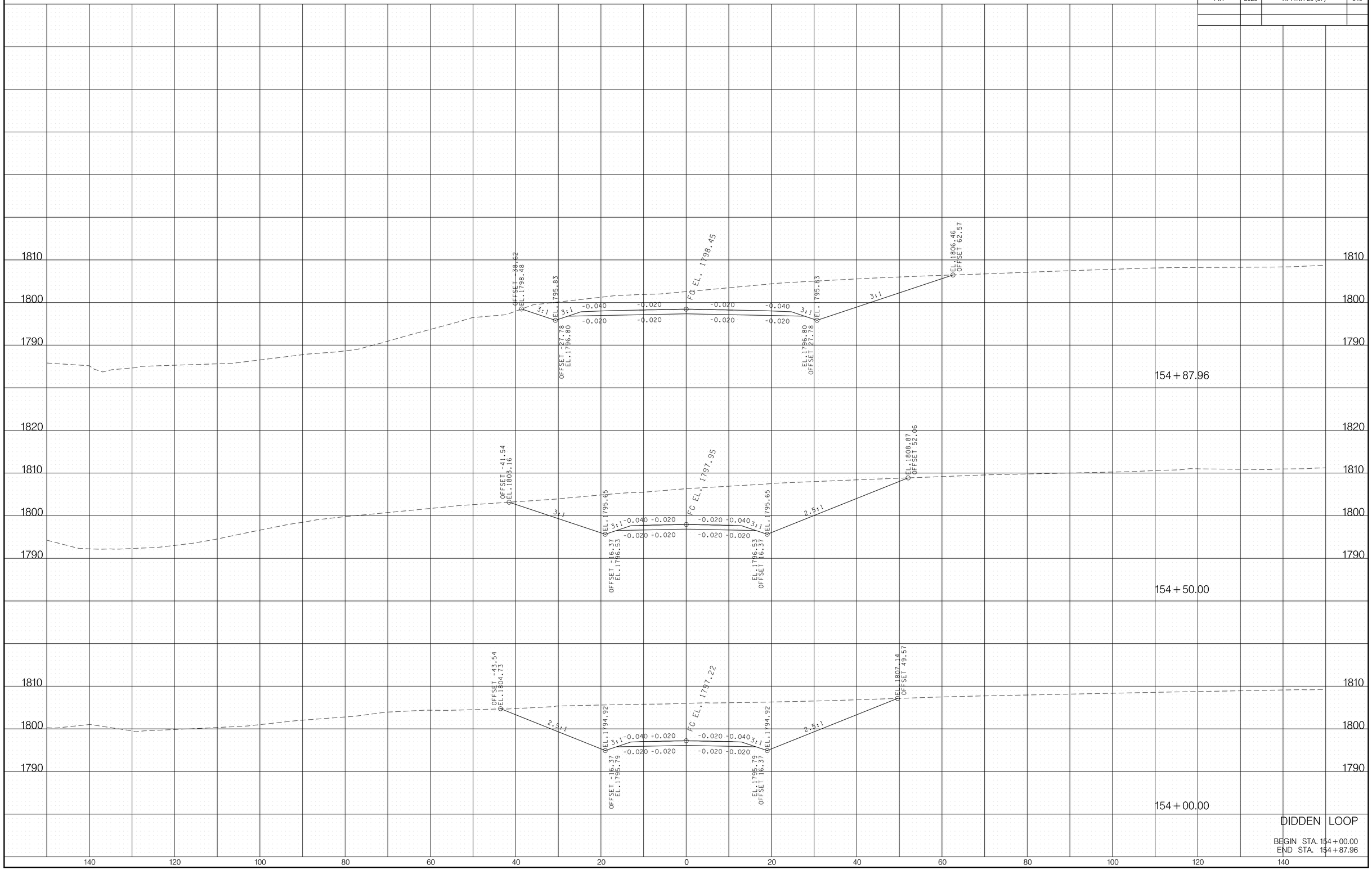
1/30/2026 2:37:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	339
PIH	2025	HPP/NH-28 (37)	339



1/30/2026 2:37:42 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2020	HPP/NH-28(37)	340
PIH	2025	HPP/NH-28 (37)	340



DIDDEN LOOP

BEGIN STA. 154 + 00.00
END STA. 154 + 87.96

1/30/2026 2:37:44 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\SideroadXSection.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28(37)	T1
PIH	2025	HPP/NH-28 (37)	T1

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:

   a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

   c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

   d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 1.75 INCHES AND NOT EXCEEDING 6 INCHES, TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.

   a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

   b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE 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.

PS&E
FIELD
REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE
DROP-OFF NOTES
FOR
TRAFFIC CONTROL

1/30/2026 2:37:45 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T01.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28(37)	T1A
PIH	2025	HPP/NH-28 (37)	T1A

PROPOSED CONSTRUCTION SEQUENCE

THE CONSTRUCTION SIGNING PLANS ARE TO SERVE AS A GUIDE ONLY. OTHER SIGNS MY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.

THIS TRAFFIC CONTROL PLAN DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY OF INSTALLING TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL LOCAL PROPERTY OWNERS.

TRAFFIC PHASE 1

1. TRAFFIC IS TO BE MAINTAINED ON THE TRAVEL LANES OF THE EXISTING ROADS.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPRIATE PLAN SHEETS.
3. CONSTRUCT THE SIDE ROADS ON THE EAST SIDE OF SR-28.
4. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
5. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY PAVEMENT AS SHOWN ON THE PLAN SHEETS IN ORDER TO MAINTAIN ACCESS TO SIDE ROADS AND DRIVEWAYS.
6. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

TRAFFIC PHASE 2

1. TRAFFIC IS TO BE MAINTAINED ON THE TRAVEL LANES OF THE EXISTING SR 28 ALIGNMENT.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPRIATE PLAN SHEETS.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. TRAFFIC FOR THE PROPOSED SIDE ROADS AND DRIVEWAYS WITHIN THE HATCHED AREAS SHALL BE ALLOWED ACCESS THROUGH PHASE 3.
5. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY PAVEMENT AS SHOWN ON THE PLAN SHEETS IN ORDER TO MAINTAIN ACCESS TO SIDE ROADS AND DRIVEWAYS.
6. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

TRAFFIC PHASE 3

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPRIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE, AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.
6. ONCE CONSTRUCTION IS COMPLETE REMOVE ALL TEMPORARY PAVEMENT AND PAVEMENT MARKINGS.
7. ONCE ALL PHASE 3 CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL PAVE THE FINAL ASPHALT LAYERS.
8. INSTALL FINAL SIGNING AND MARKING AS SHOWN IN THE SIGNING AND PAVEMENT MARKING PLANS, AND OPEN ALL LANES TO TRAFFIC.

TABULATED TRAFFIC CONTROL QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PHASE I QUANTITY 18008-3227-14	PHASE II QUANTITY 18008-3227-14	PHASE III QUANTITY 18008-3227-14	TOTAL QUANTITY
202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.			1370	1370
203-06	WATER	M.G.	7			7
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	1000			1000
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	383			383
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	251			251
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	4			4
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	12			12
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1			1
411-01.10	ACS MIX(PG64-22) GRADING D	TON	147			147
712-01	TRAFFIC CONTROL	LS	0.17	0.17	0.17	0.5
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	479			479
712-05.01	WARNING LIGHTS (TYPE A)	EACH	24	60		60
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	120	300		300
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	4			4
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	1.03			1.03
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.		40		40
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.			40	40
716-08.20	REMOVAL OF PAVEMENT MARKING (4" LINE)	L.M.			1.03	1.03

TRAFFIC CONTROL SIGN TABULATION

M.U.T.C.D. SIGN NO.	LEGEND	SIZE IN INCHES L	X	W	S.F.	NO. REQUIRED PHASE I	NO. REQUIRED PHASE II	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.	STANDARD DRAWING NO.	REMARKS
G20-1	END ROAD WORK	48"	X	24"	8	2		2	16	T-WZ-10	
G20-2	END ROAD WORK	36"	X	18"	5	14		14	63	T-WZ-10	
G20-2	END ROAD WORK	48"	X	24"	8	2		2	16	T-WZ-10	
W20-1	ROAD WORK 1 MILE	48"	X	48"	16	2		2	32	T-WZ-10	
W20-1	ROAD WORK 1/2 MILE	48"	X	48"	16	2		2	32	T-WZ-10	
W20-1	ROAD WORK 1000 FT.	48"	X	48"	16	2		2	32	T-WZ-10	
W20-1	ROAD WORK AHEAD	36"	X	36"	9	15		15	135	T-WZ-10	
R1-1	STOP SIGN	36"	X	36"	9		4	4	36	T-WZ-10	
R11-2	ROAD CLOSED	48"	X	36"	12	13	30	30	360	T-WZ-10	
R6-1R	ONE WAY RIGHT	36"	X	12"	3	1		1	3.00	T-WZ-10	
D3-1	ROAD NAME	30"	X	8"	2	12		12	20.00		
M4-9R	DETOUR RIGHT	30"	X	24"	5	2		2	10.00		
M4-9L	DETOUR LEFT	30"	X	24"	5	3		3	15.00		
R11-2MOD	ROAD CLOSED	48"	X	30"	10	1		1	10.00		LOCAL TRAFFIC ONLY
W1-1L	TURN SYMBOL - LEFT	30"	X	30"	6	4		4	25.00		
W1-1R	TURN SYMBOL - RIGHT	30"	X	30"	6	4		4	25.00		
							TOTAL	830	S.F.		

TRAFFIC CONTROL LEGEND

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

PS&E FIELD REVIEW

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION

1/30/2026 2:38:32 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T01A.sht

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T2
PIH	2025	HPP/NH-28 (37)	T2

TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.
5. THE CONTRACTOR IS TO CONSTRUCT TEMPORARY PAVEMENT FROM THE LIMITS OF THE NEWLY CONSTRUCTED SR-28 AS SHOWN IN ORDER TO MAINTAIN ACCESS.

N

POND

430

DIRT & GRV.

SCARIFIED & OBLITERATED BY OTHERS

GRASS

GRV.

S.R. 28 (U.S. 127 NORTH) ALVIN C. YORK HIGHWAY

END ROAD WORK
G20-2
48" X 24"

500'

HOLLOW CAMP (OLD S.R. 28)

ROAD WORK 1 MILE
W20-1 (48"X48")

ROAD WORK 1/2 MILE
W20-1 (48"X48")

ROAD WORK 1000 FT
W20-1 (48"X48")

2600'

1600'

1,000'

WTL-1

WTL-1

WTL-1

435

W1-1R 30" X 30"
CATOOSA RIDGE
D3-1 30" X 8"

W1-1L 30" X 30"
CATOOSA RIDGE
D3-1 30" X 8"

POND-1
EL.=1827.67'
WTL-1(.04)
WTL-12(.03)

TEMPORARY ASPHALT

GRASS

GRV.

ASP.

TIE TO ADJACENT PROJECT PIN 100260.03

ROAD WORK NEXT 3.5 MILE
G20-1
48" X 24"

N 31° 29' 26" E

S 58° 30' 34" E

STA. 434+40.00 SR-28 (US 127) =
STA. 20+00.00 CATOOSA RIDGE
N 649778.1683
E 2246319.8742

W20-1 (36"X36")
ROAD WORK AHEAD

G20-2
36" X 18"
END ROAD WORK

440

ROAD CLOSED
W20-1 (36"X36")
48" X 30"

A

A

TYPE III BARRICADE ROAD CLOSURE w/ TYPE A WARNING LIGHTS

GRV.

ASP.

OLD ELMORE ROAD

25

ADJACENT PROJECT TO BE BUILT PRIOR TO THE START OF CONSTRUCTION

80' TYP. SPACING

GRV.

TEMPORARY ASPHALT

ASP.

SR-28

STA.441+50.00 SR-28 (US 127) =
STA. 30+00.00 OLD ELMORE ROAD
N 650383.6042
E 2246690.7480

MATCHLINE STA. 442+00 SEE SHEET NUMBER T3

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

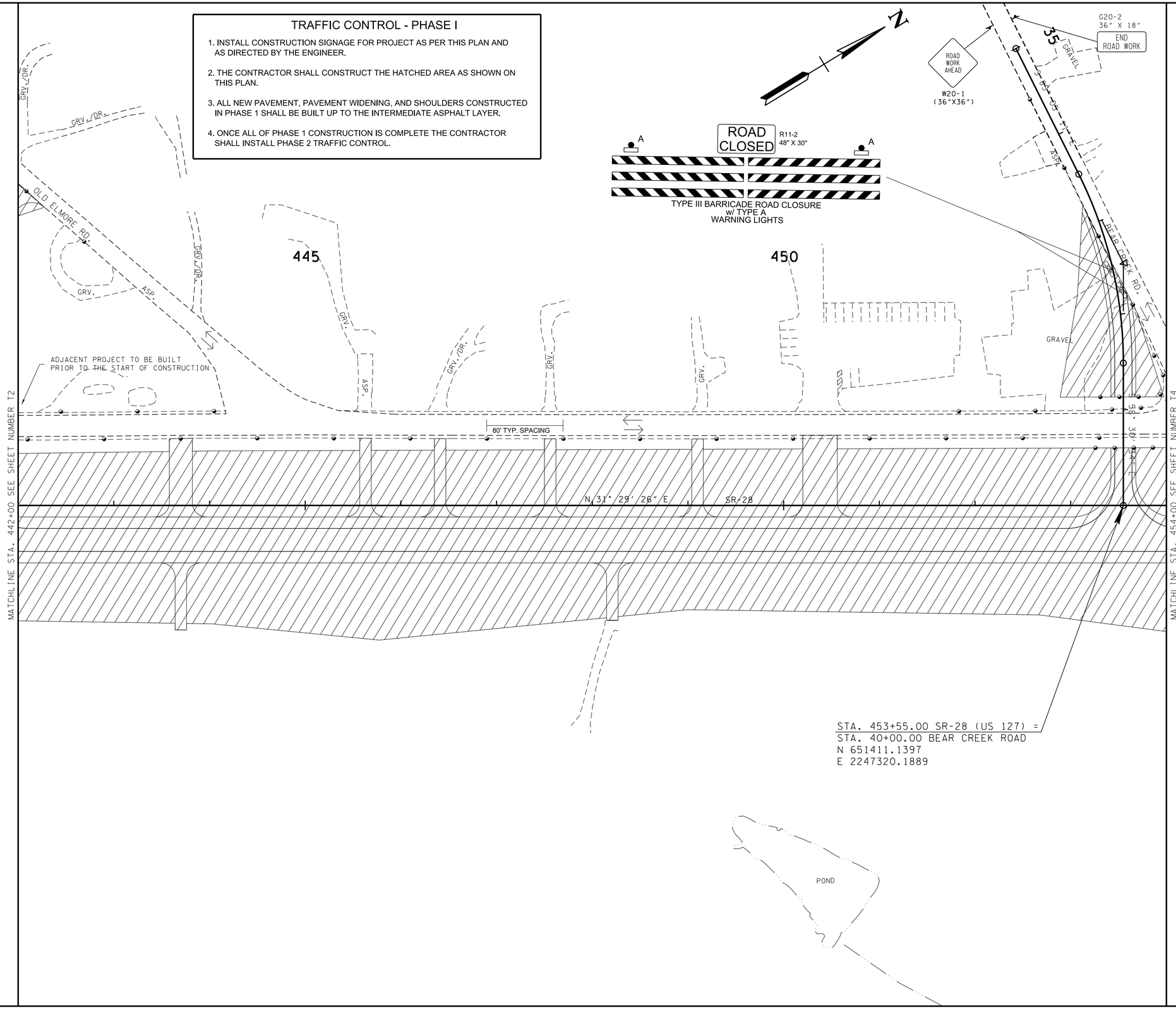
BEGIN PROJ. TO STA. 442+00
SCALE: 1"= 50'

1/30/2026 2:39:00 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T02.sht

TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T3
PIH	2025	HPP/NH-28 (37)	T3



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

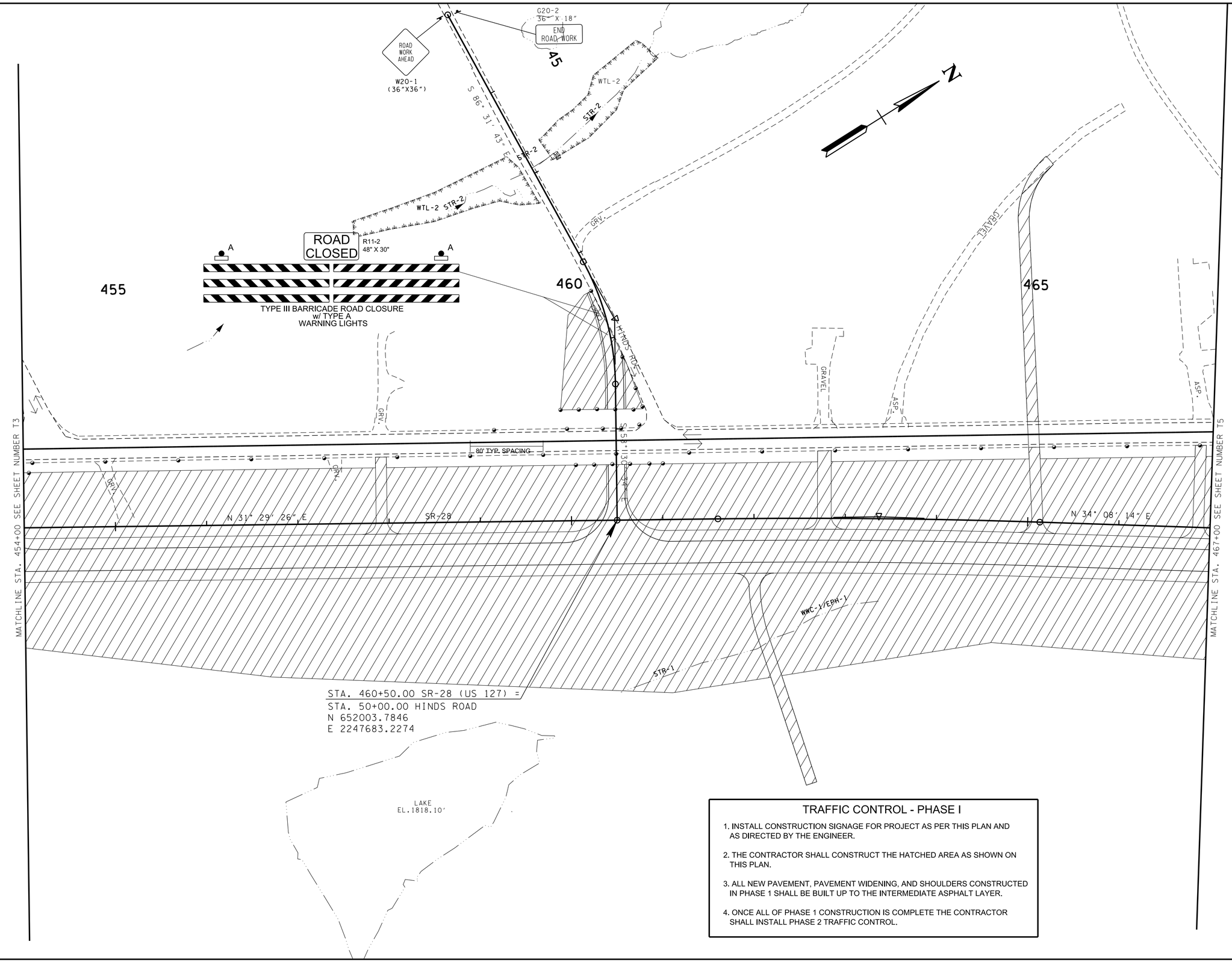
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 442+00 TO STA. 445+00
SCALE: 1"= 50'

1/30/2026 2:39:01 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T03.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T4
PIH	2025	HPP/NH-28 (37)	T4



TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

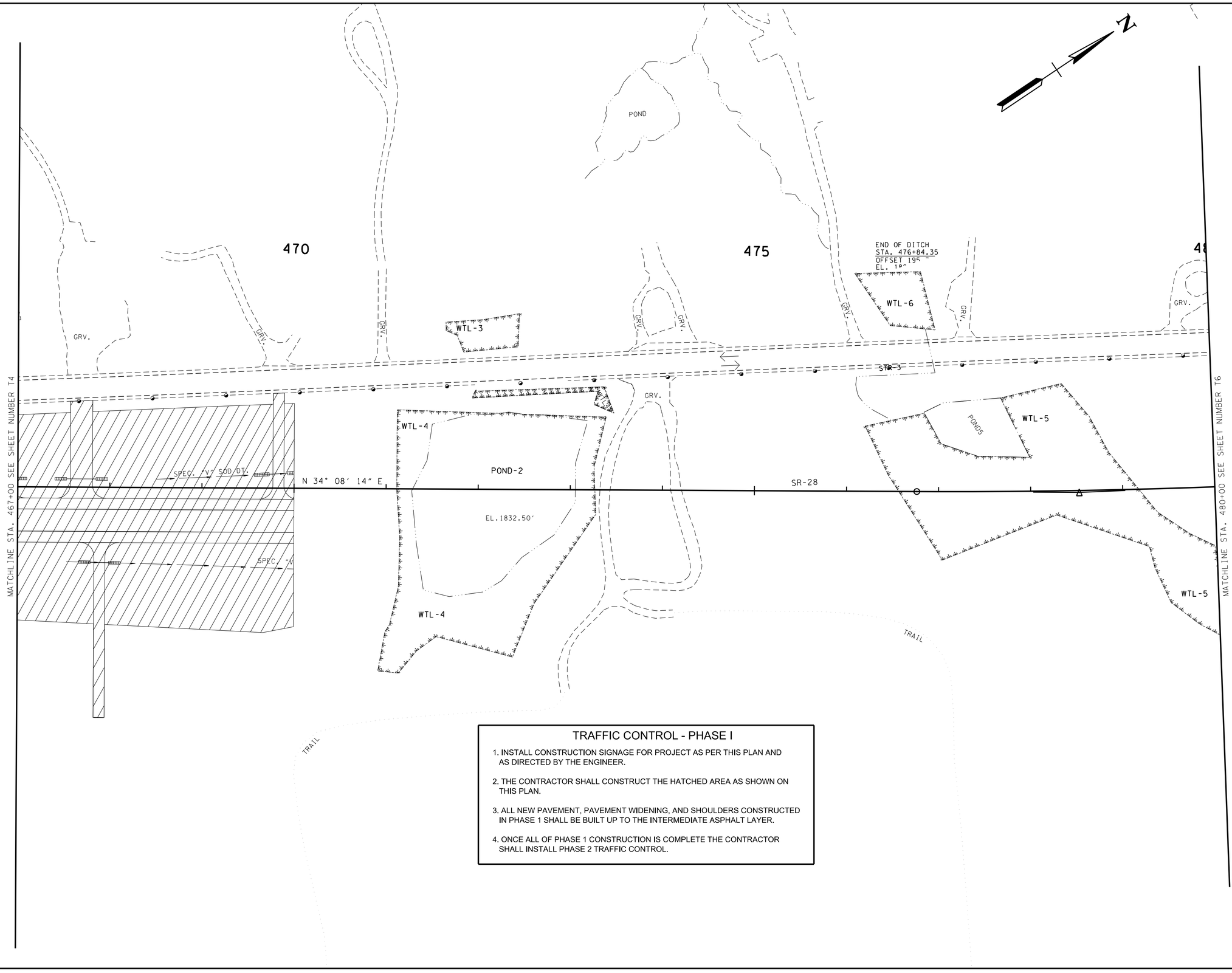
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:39:02 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T04.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T5
PIH	2025	HPP/NH-28 (37)	T5



TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

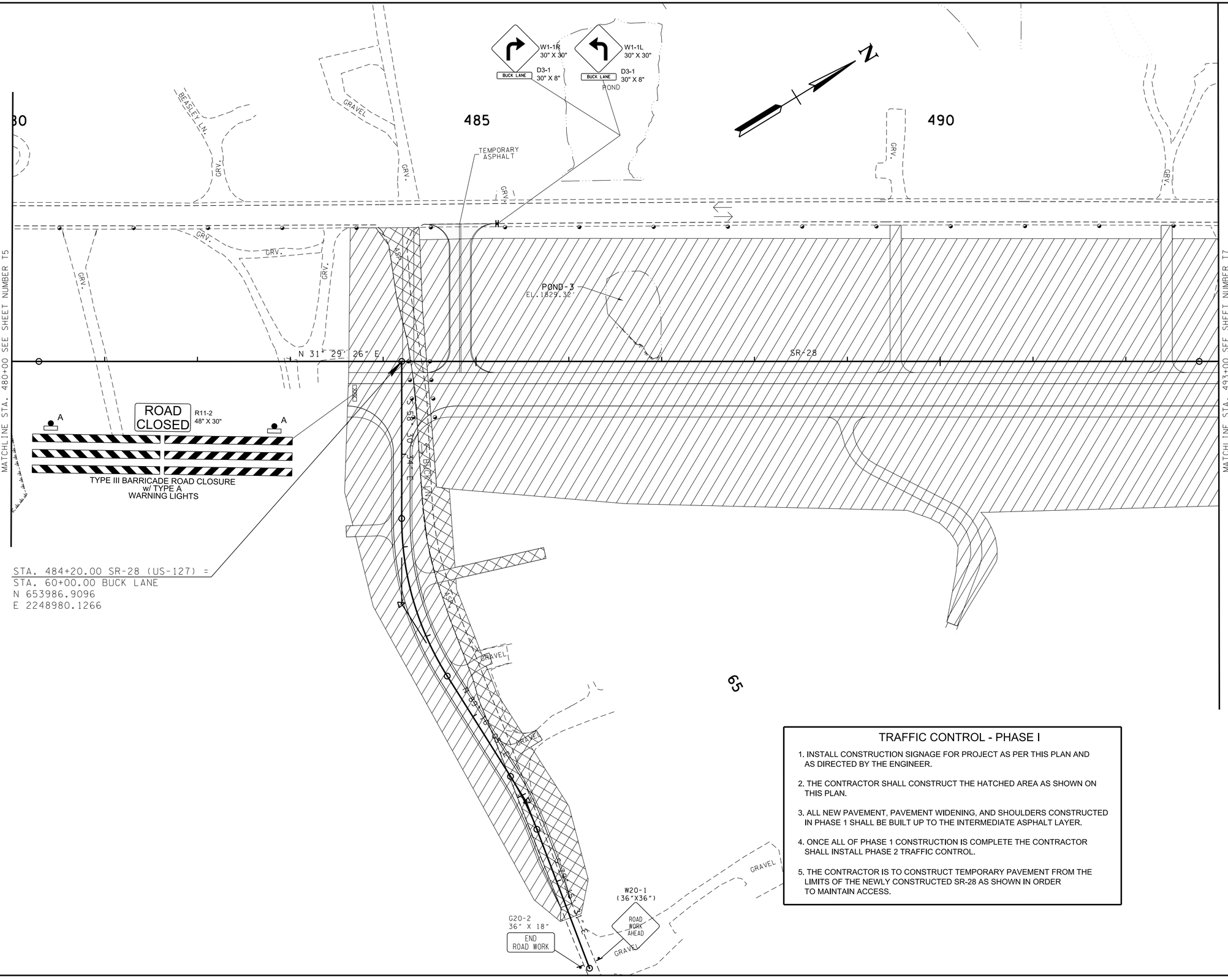
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:39:03 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T05.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T6
PIH	2025	HPP/NH-28 (37)	T6



TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.
5. THE CONTRACTOR IS TO CONSTRUCT TEMPORARY PAVEMENT FROM THE LIMITS OF THE NEWLY CONSTRUCTED SR-28 AS SHOWN IN ORDER TO MAINTAIN ACCESS.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

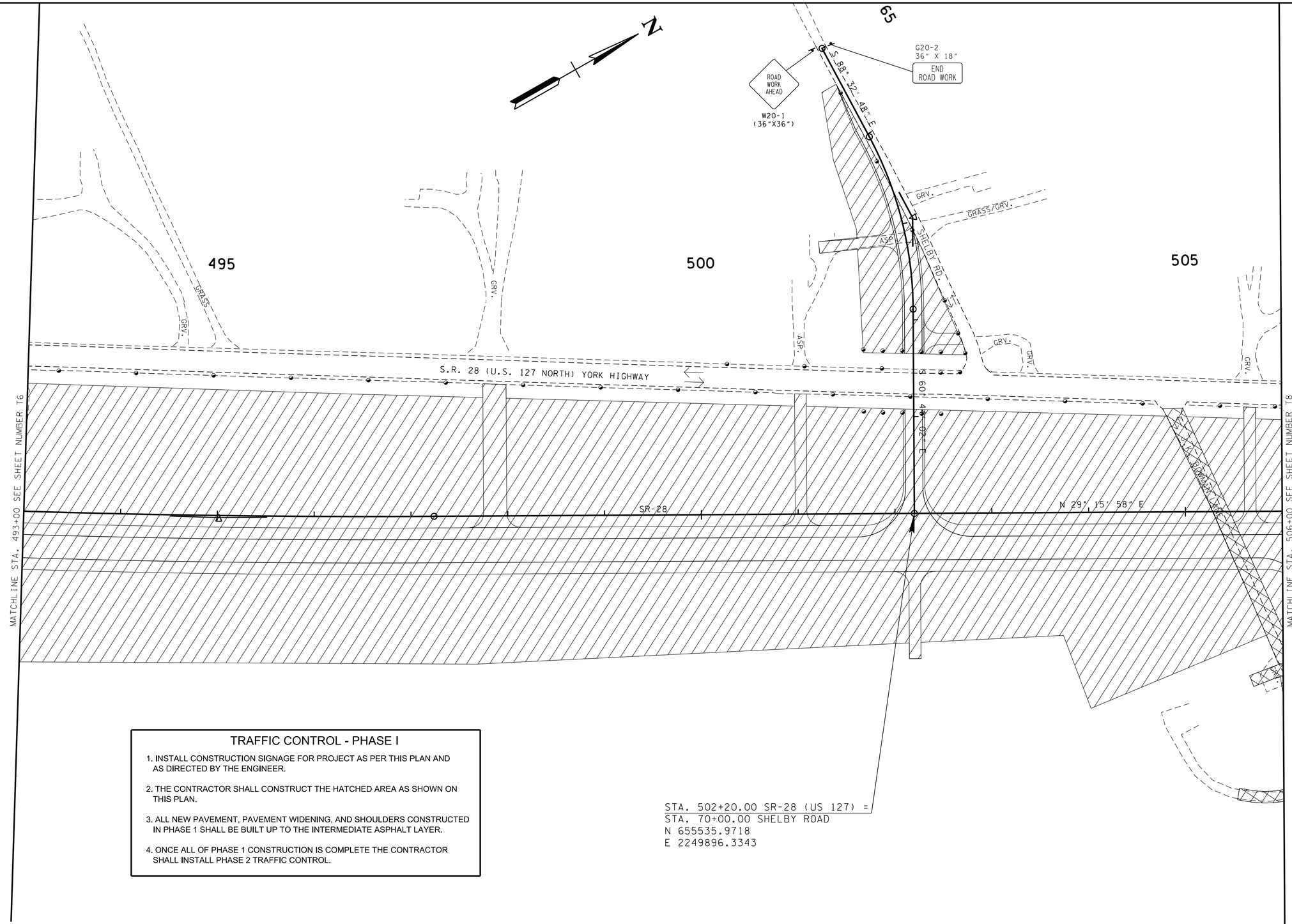
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE 1

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:39:04 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T06.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T7
PIH	2025	HPP/NH-28 (37)	T7



STA. 502+20.00 SR-28 (US 127) =
STA. 70+00.00 SHELBY ROAD
N 655535.9718
E 2249896.3343

TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

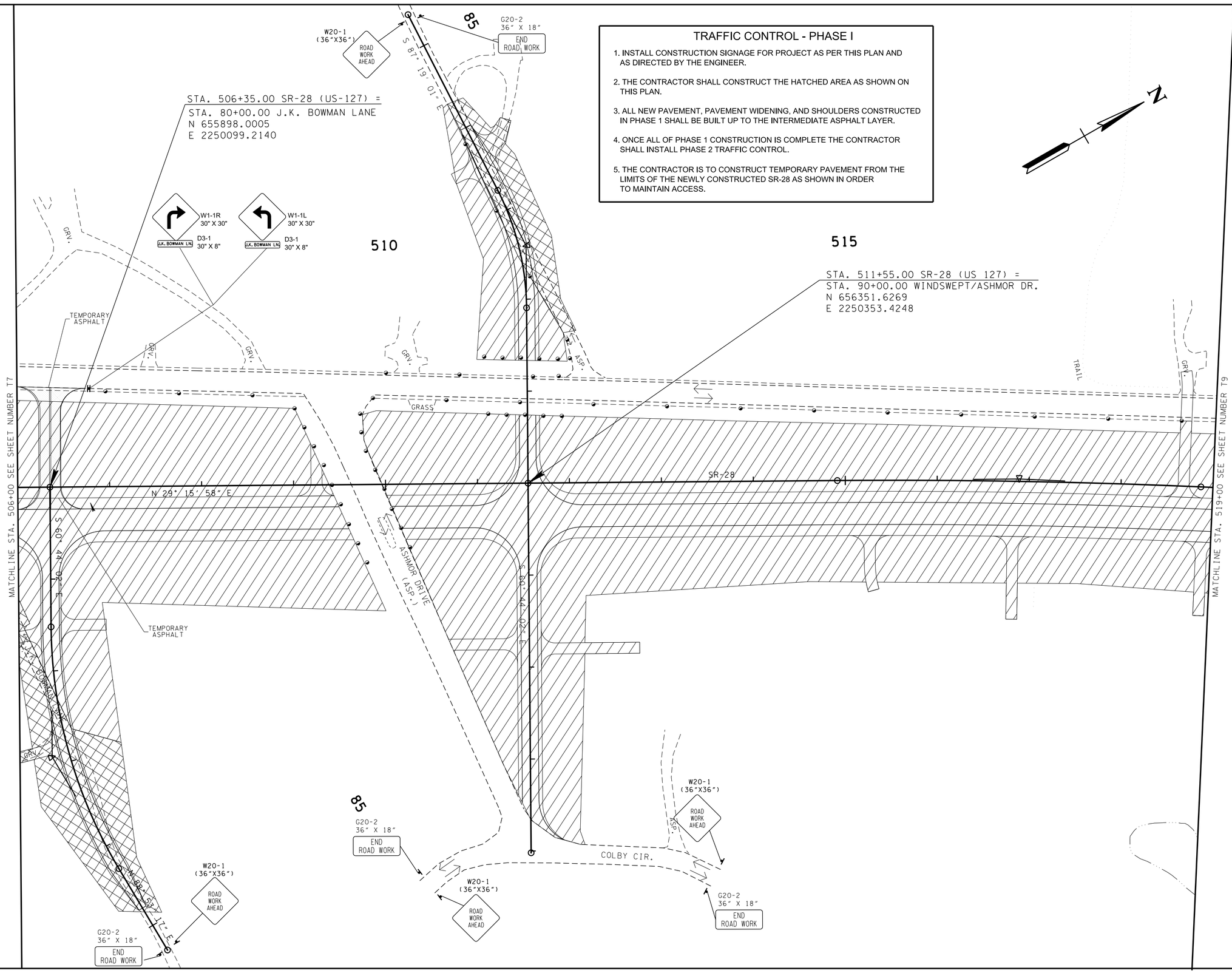
STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

1/30/2026 2:39:05 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T07.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T8
PIH	2025	HPP/NH-28 (37)	T8

TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.
5. THE CONTRACTOR IS TO CONSTRUCT TEMPORARY PAVEMENT FROM THE LIMITS OF THE NEWLY CONSTRUCTED SR-28 AS SHOWN IN ORDER TO MAINTAIN ACCESS.



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

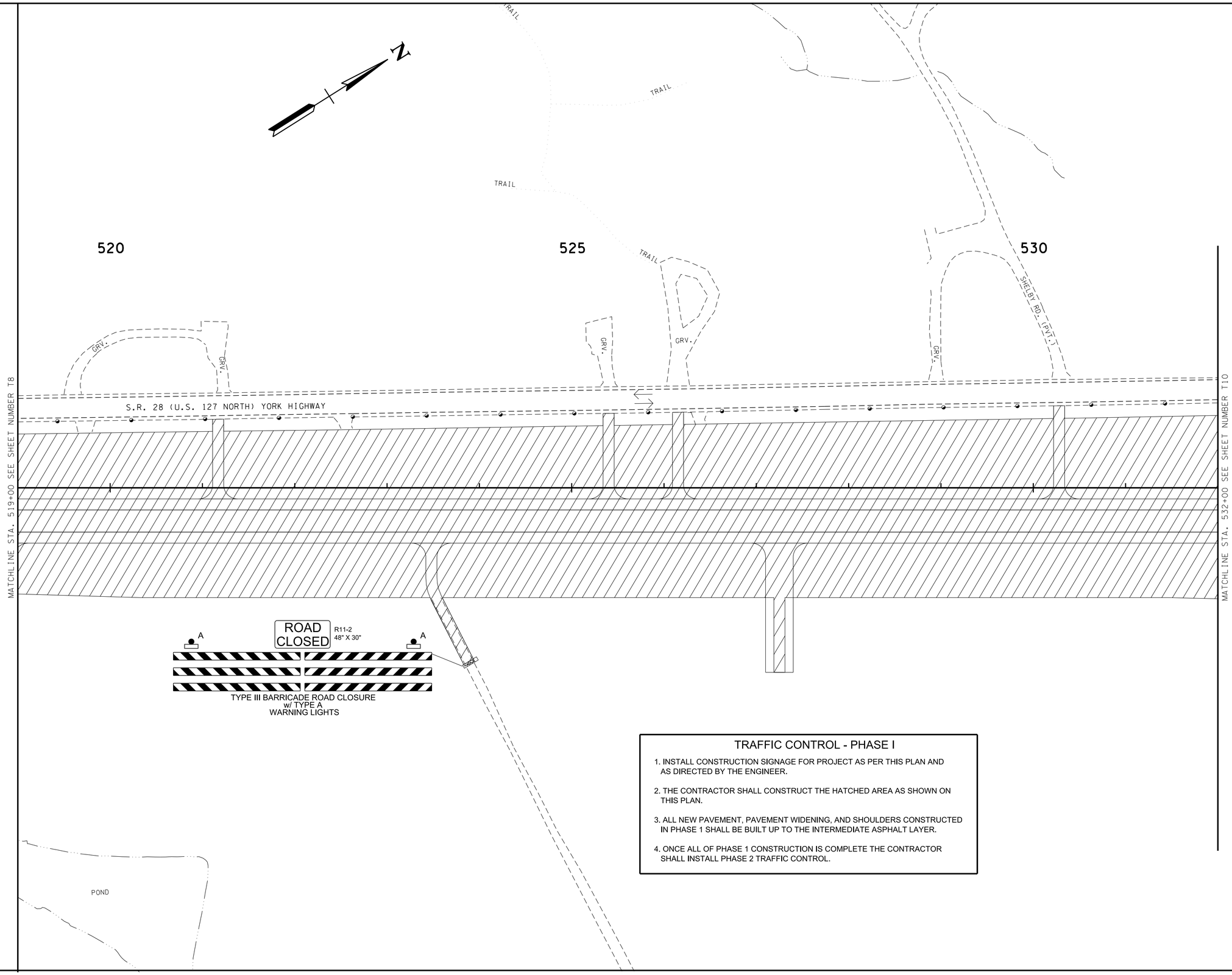
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 506+00 TO STA. 519+00
SCALE: 1"= 50'

1/30/2026 2:39:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T08.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T9
PIH	2025	HPP/NH-28 (37)	T9



TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

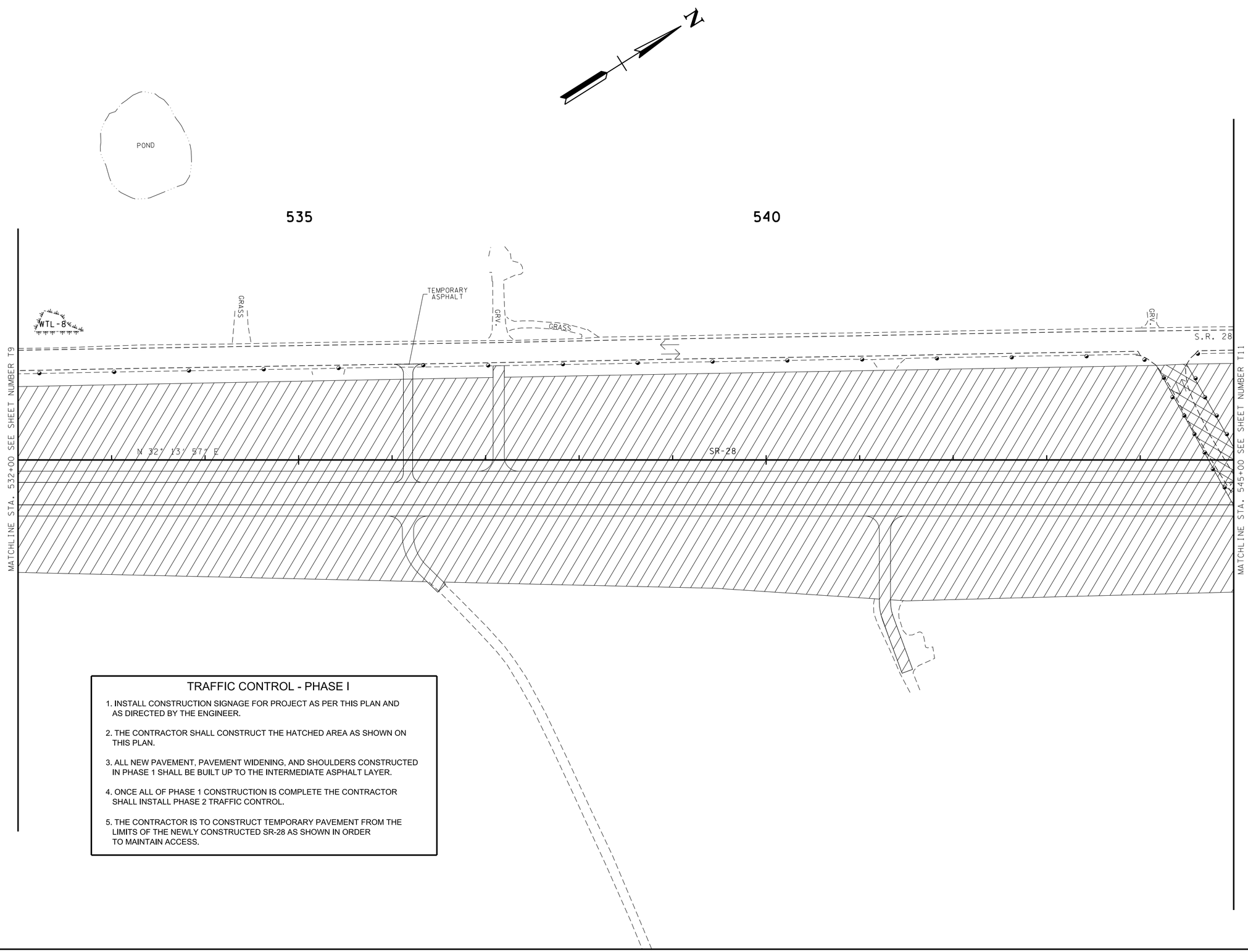
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:39:06 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T09.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T10
PIH	2025	HPP/NH-28 (37)	T10



TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.

2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.

3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.

4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

5. THE CONTRACTOR IS TO CONSTRUCT TEMPORARY PAVEMENT FROM THE LIMITS OF THE NEWLY CONSTRUCTED SR-28 AS SHOWN IN ORDER TO MAINTAIN ACCESS.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

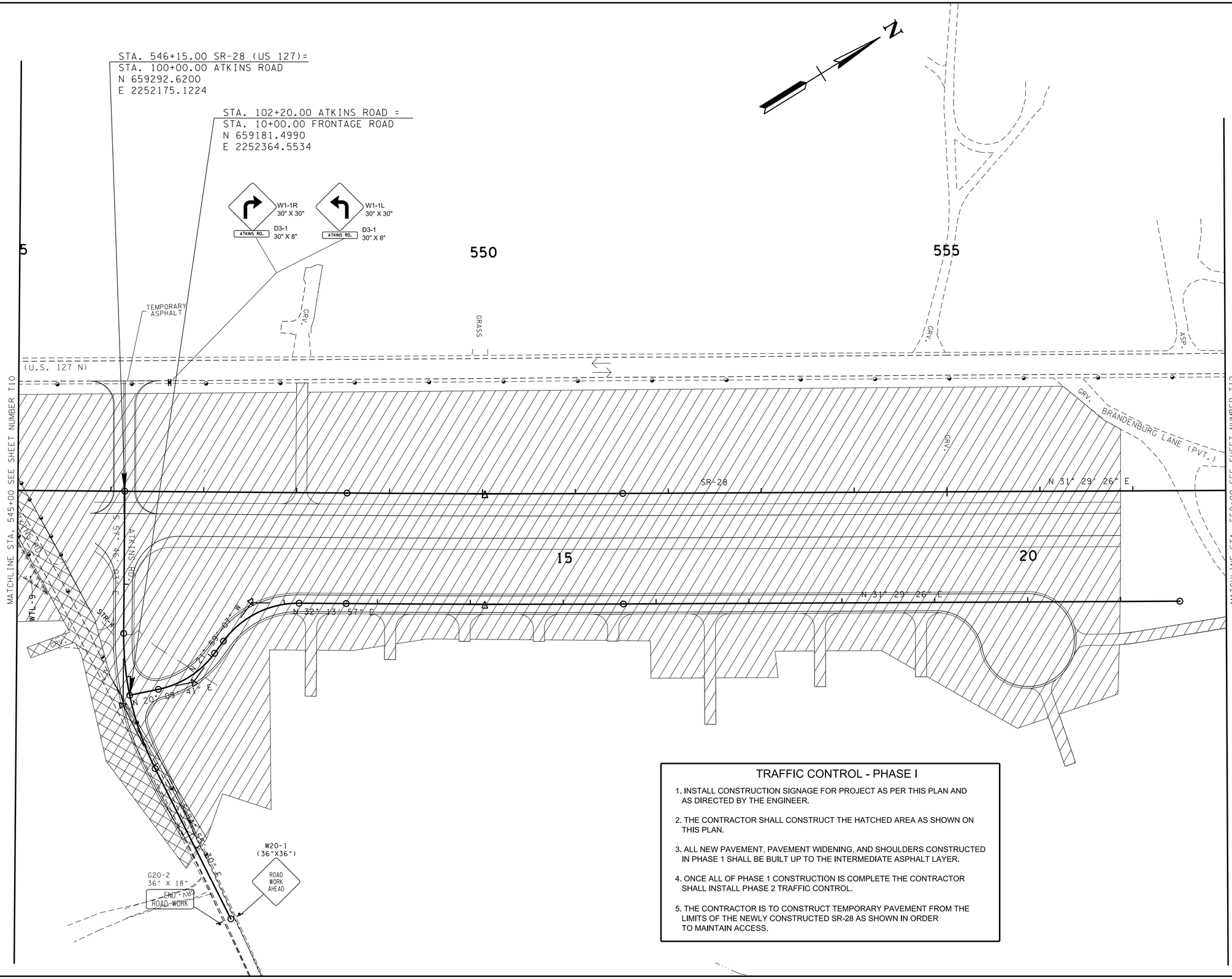
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:39:07 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T10.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T11
PIH	2025	HPP/NH-28 (37)	T11



TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.
5. THE CONTRACTOR IS TO CONSTRUCT TEMPORARY PAVEMENT FROM THE LIMITS OF THE NEWLY CONSTRUCTED SR-28 AS SHOWN IN ORDER TO MAINTAIN ACCESS.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

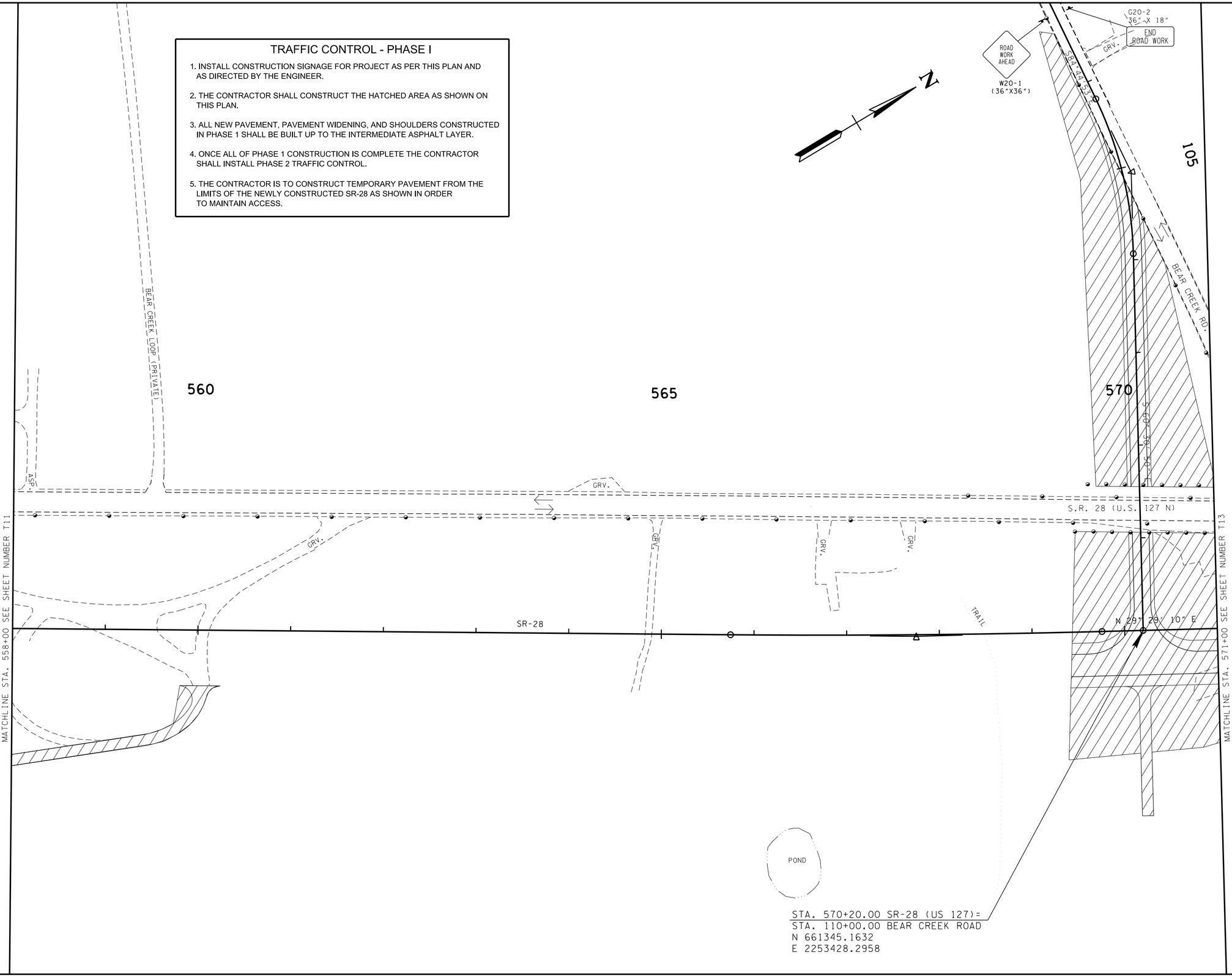
STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:39:08 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T11.sht

TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.
5. THE CONTRACTOR IS TO CONSTRUCT TEMPORARY PAVEMENT FROM THE LIMITS OF THE NEWLY CONSTRUCTED SR-28 AS SHOWN IN ORDER TO MAINTAIN ACCESS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T12
PIH	2025	HPP/NH-28 (37)	T12



STA. 570+20.00 SR-28 (US 127)=
STA. 110+00.00 BEAR CREEK ROAD
N 661345.1632
E 2253428.2958

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

1/30/2026 2:39:09 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T12.sht

TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.
5. THE CONTRACTOR IS TO CONSTRUCT TEMPORARY PAVEMENT FROM THE LIMITS OF THE NEWLY CONSTRUCTED SR-28 AS SHOWN IN ORDER TO MAINTAIN ACCESS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T13
PIH	2025	HPP/NH-28 (37)	T13

N

ROAD CLOSED R11-2 48" X 30"

TYPE III BARRICADE ROAD CLOSURE w/ TYPE A WARNING LIGHTS

575

580

MATCHLINE STA. 571+00 SEE SHEET NUMBER T12

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER T14

GRAVEL

ROAD WORK AHEAD W20-1 (36"X36")

G20-2 36" X 18" END ROAD WORK

GRV.

GRASS

WTL-10

S 58° 30' 00" E

S.R. 28 (U.S. 127 N)

BEATY RD.

OLD FIELD RAD (ABANDONED)

SR-28

N 29° 29' 10" E

N 31° 29' 26" E

ONE WAY R6-1R 36" X 12"

POND-4

WWC-4/EPH-4

S 31° 29' 26" W 1,132.32'

STA. 581+08.18 SR-28 (US 127) =
STA. 130+00.00 BUTTERNUT RIDGE ROAD
N 662398.5212
E 2254050.7663

EQUATION:
STA. 581+35.50 BK =
STA. 580+00.00 AH

STA. 574+40.00 SR-28 (US 127)=
STA. 120+00.00 BEATY ROAD
N 661710.6723
E 2253635.1842

125

DETOUR M4-9L 30" X 24" D3-1 30" X 8" BEATY LANE

DETOUR M4-9R 30" X 24" D3-1 30" X 8" S.R. 28

DETOUR M4-9L 30" X 24" D3-1 30" X 8" S.R. 28

ROAD CLOSED LOCAL TRAFFIC ONLY R11-2 48" X 30"

ATKINS RD.

SMITH RD.

DETOUR FOR BEATY RD. AND S.R. 28

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 571+00 TO STA. 582+00 R2

SCALE: 1"= 50'

1/30/2026 2:39:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T13.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T14
PIH	2025	HPP/NH-28 (37)	T14

TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

N

STA. 592+50.00 SR-28 (US 127)

STA. 140+00.00 N. LOWE ROAD
N 663379.5967
E 2254634.4477

585

590

595

GRV.

SUGAR LN. (PVT.)

ASP.

ADJACENT PROJECT TO BE BUILT PRIOR TO THE START OF CONSTRUCTION

WTL-10

WTL-2 (.05)

S.R. 28 (U.S. 127 N)

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER T13

MATCHLINE STA. 595+00 R2 SEE SHEET NUMBER T15

N 31° 29' 26" E

SR-28

TEMPORARY ASPHALT

ROAD CLOSED R11-2 48" X 30"

A A

TYPE III BARRICADE ROAD CLOSURE w/ TYPE A WARNING LIGHTS

STR-5

GRAVEL

SWM POND

CONC.

N. LOWE ROAD

S 66° 50' 28" E

W20-1 (36"X36")

ROAD WORK AHEAD

G20-2 36" X 18"

END ROAD WORK

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

145

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 582+00 R2 TO STA. 595+00
SCALE: 1"= 50'

1/30/2026 2:39:10 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T14.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T15
PIH	2025	HPP/NH-28 (37)	T15

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409

N

595 150 600 605 610

GRAVEL

S 6° 53' 13" E DIDEN LOOP

S 66° 21' 09" E

ADJACENT PROJECT TO BE BUILT PRIOR TO THE START OF CONSTRUCTION

MATCHLINE STA. 595+00 R2 SEE SHEET NUMBER T14

N 16° 13' 50" E

1,000' 1600' 2600'

G20-1 48" X 24" ROAD WORK NEXT 6 MILE

W20-1 (48"X48") ROAD WORK 1000 FT

W20-1 (48"X48") ROAD WORK 1/2 MILE

W20-1 (48"X48") ROAD WORK

500'

END ROAD WORK G20-2 48" X 24"

STA. 596+30.00 SR-28 (US 127) =
STA. 154+87.96 DIDEN LOOP
N 663722.3886
E 2254798.2792

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE I

STA. 595+00 R2 TO END PROJ.
SCALE: 1"= 50'

TRAFFIC CONTROL - PHASE I

1. INSTALL CONSTRUCTION SIGNAGE FOR PROJECT AS PER THIS PLAN AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 1 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 1 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 2 TRAFFIC CONTROL.

1/30/2026 2:39:11 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T15.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T16
PIH	2025	HPP/NH-28 (37)	T16

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

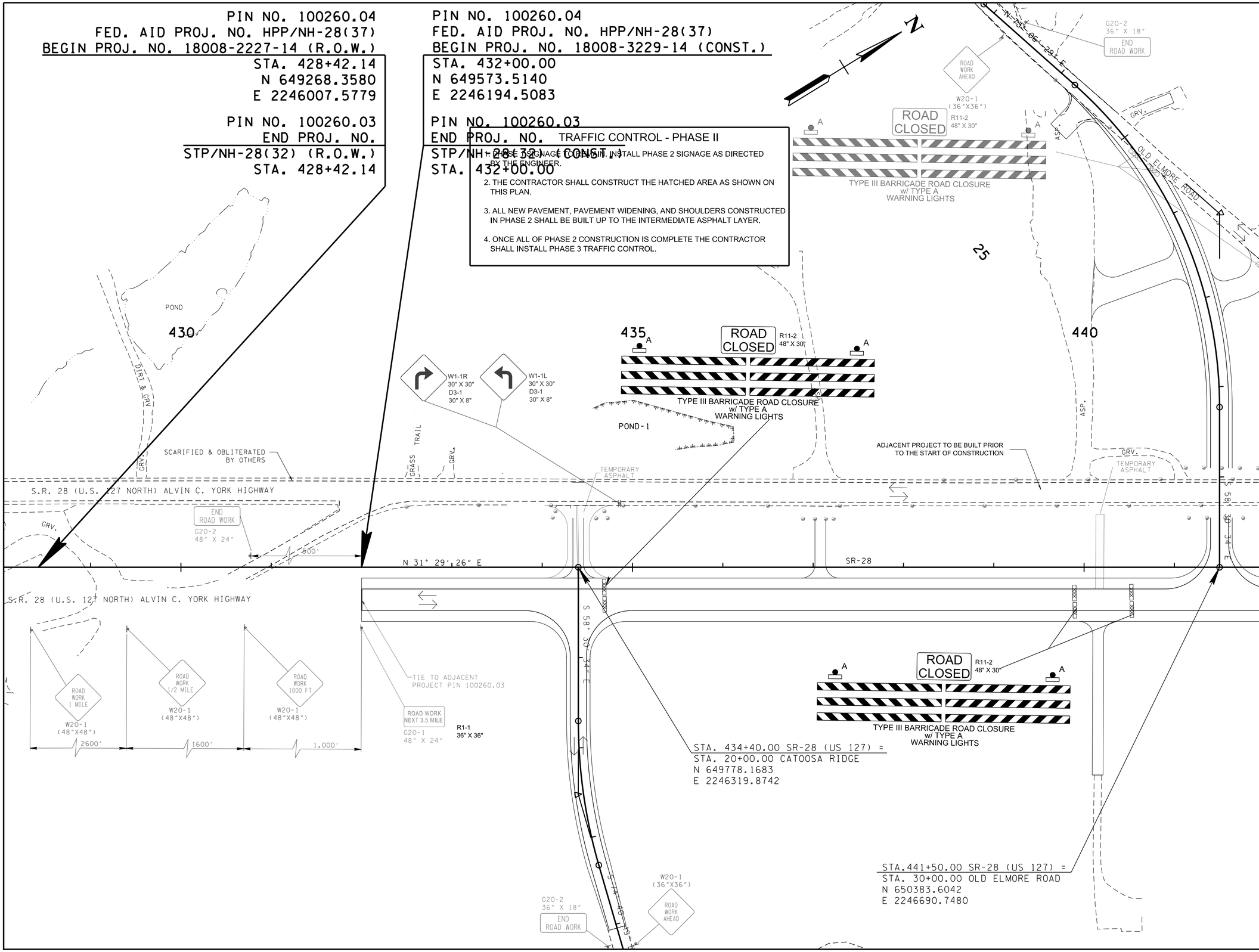
PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.



MATCHLINE STA. 442+00 SEE SHEET NUMBER T17

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

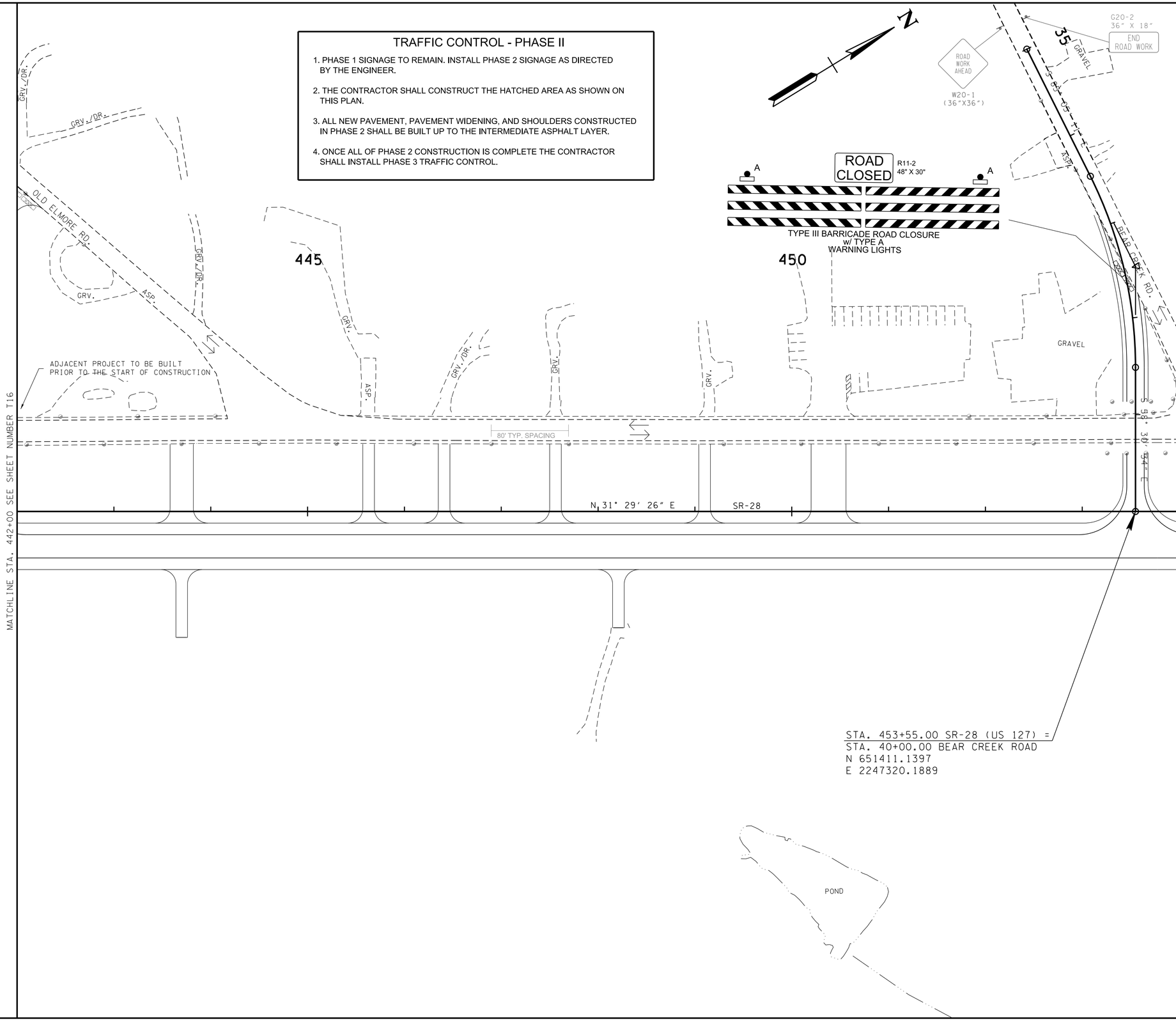
BEGIN PROJ. TO STA. 442+00
SCALE: 1"= 50'

1/30/2026 2:39:14 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T16.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T17
PIH	2025	HPP/NH-28 (37)	T17

TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

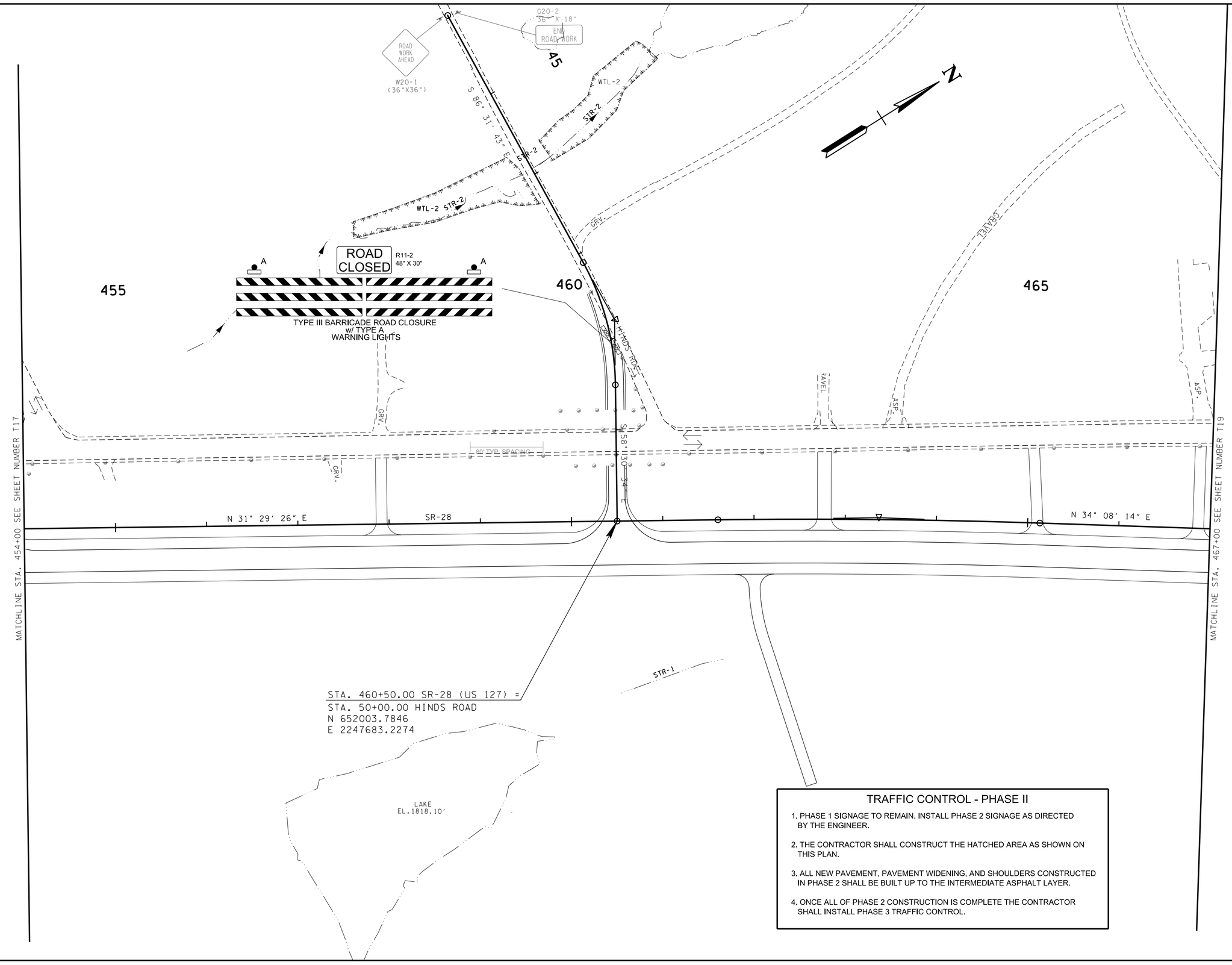
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 442+00 TO STA. 445+00
SCALE: 1"= 50'

1/30/2026 2:39:15 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T17.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T18
PIH	2025	HPP/NH-28 (37)	T18



TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

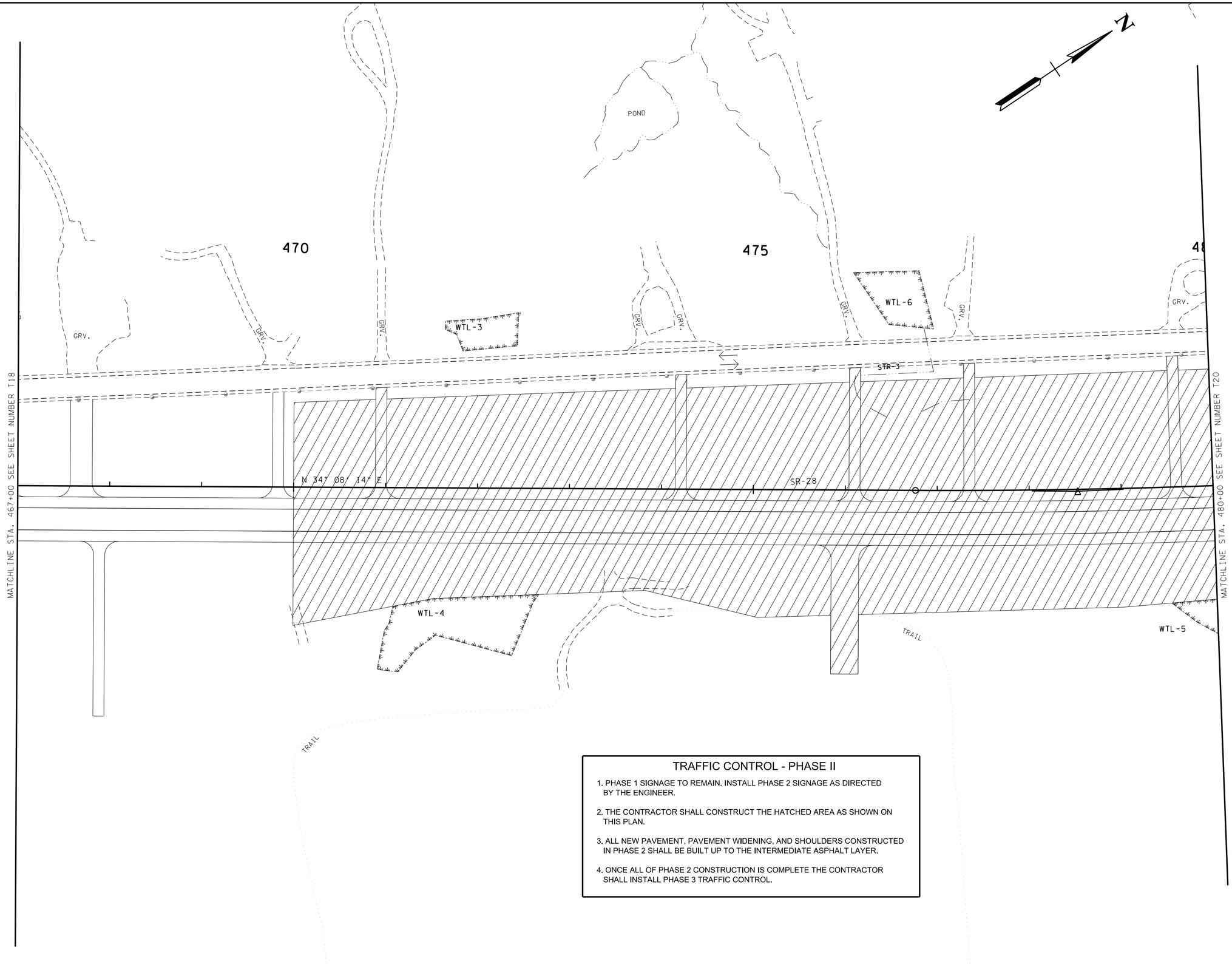
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:39:16 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T18.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T19
PIH	2025	HPP/NH-28 (37)	T19



TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.

2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.

3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.

4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

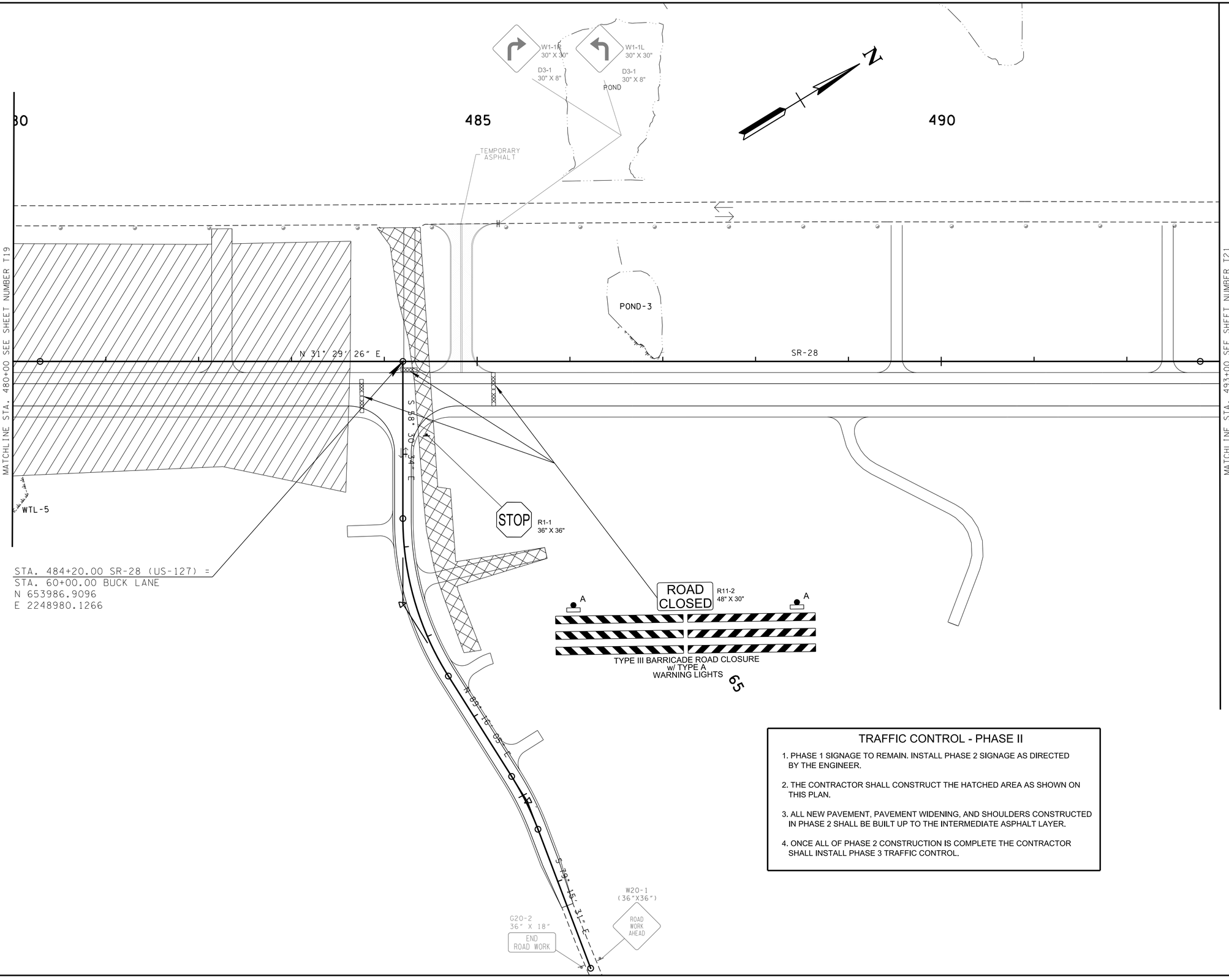
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:39:17 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T19.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T20
PIH	2025	HPP/NH-28 (37)	T20



STA. 484+20.00 SR-28 (US-127) =
STA. 60+00.00 BUCK LANE
N 653986.9096
E 2248980.1266

TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

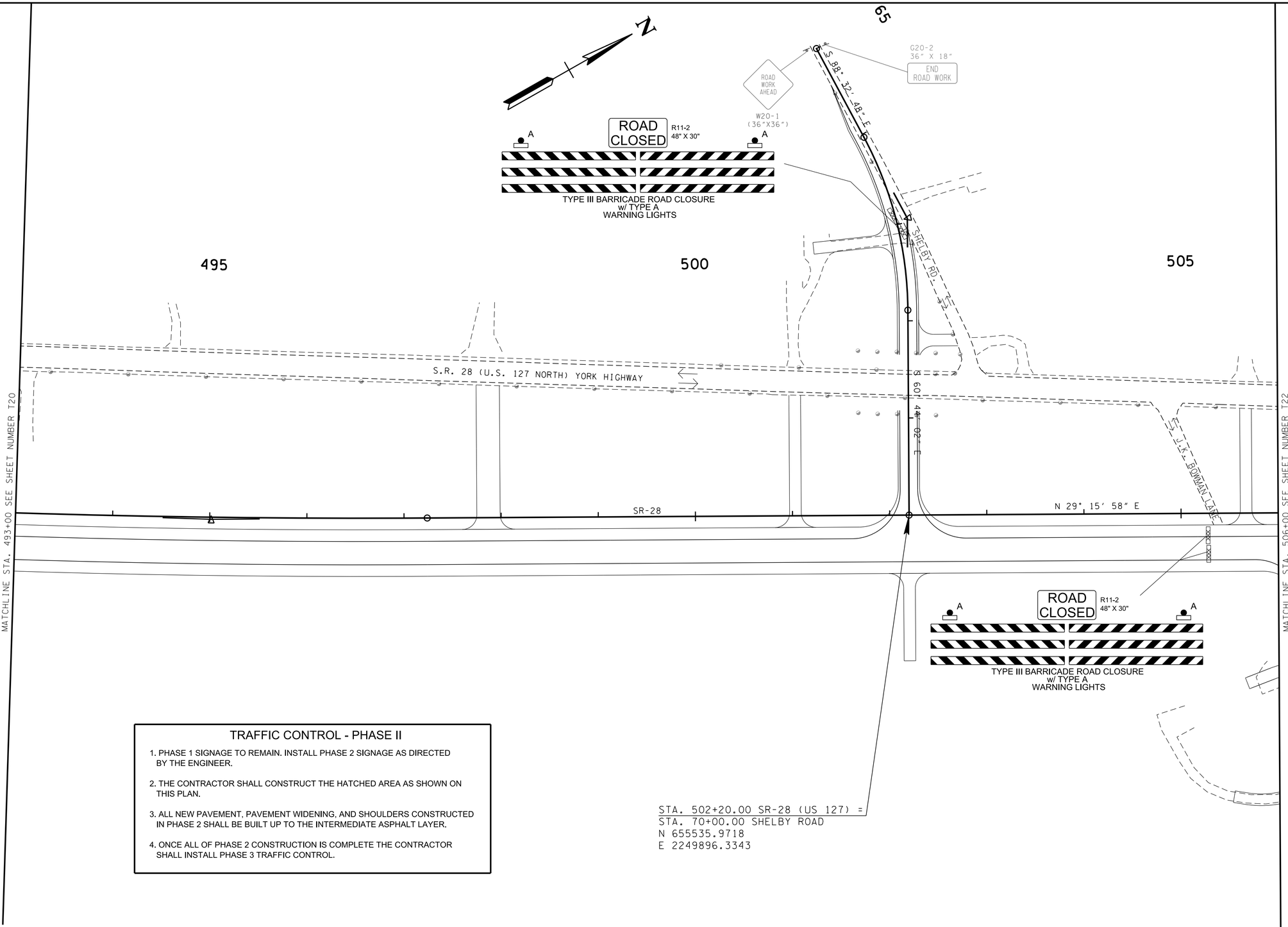
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:39:18 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T20.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T21
PIH	2025	HPP/NH-28 (37)	T21



TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

STA. 502+20.00 SR-28 (US 127) =
STA. 70+00.00 SHELBY ROAD
N 655535.9718
E 2249896.3343

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

1/30/2026 2:39:19 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T21.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T22
PIH	2025	HPP/NH-28 (37)	T22

TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

N

STA. 506+35.00 SR-28 (US-127) =
STA. 80+00.00 J.K. BOWMAN LANE
N 655898.0005
E 2250099.2140

STA. 511+55.00 SR-28 (US 127) =
STA. 90+00.00 WINDSWEPT/ASHMOR DR.
N 656351.6269
E 2250353.4248

510

515

MATCHLINE STA. 506+00 SEE SHEET NUMBER T21

MATCHLINE STA. 519+00 SEE SHEET NUMBER T23

SR-28

S 87° 19' 01" E

N 29° 15' 58" E

S 60° 44' 02" E

N 88° 53' 17" E

W20-1 (36"X36") ROAD WORK AHEAD

G20-2 36" X 18" END ROAD WORK

ROAD CLOSED R11-2 48" X 30"

TYPE III BARRICADE ROAD CLOSURE w/ TYPE A WARNING LIGHTS

W1-1R 30" X 30" D3-1 30" X 8"

W1-1L 30" X 30" D3-1 30" X 8"

STOP R1-1 36" X 36"

TEMPORARY ASPHALT

J.K. BOWMAN LANE

ASHMOR DRIVE (ASP.)

COLBY CIR.

TRAIL

85

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

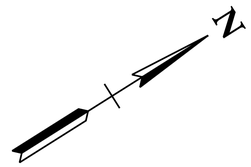
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

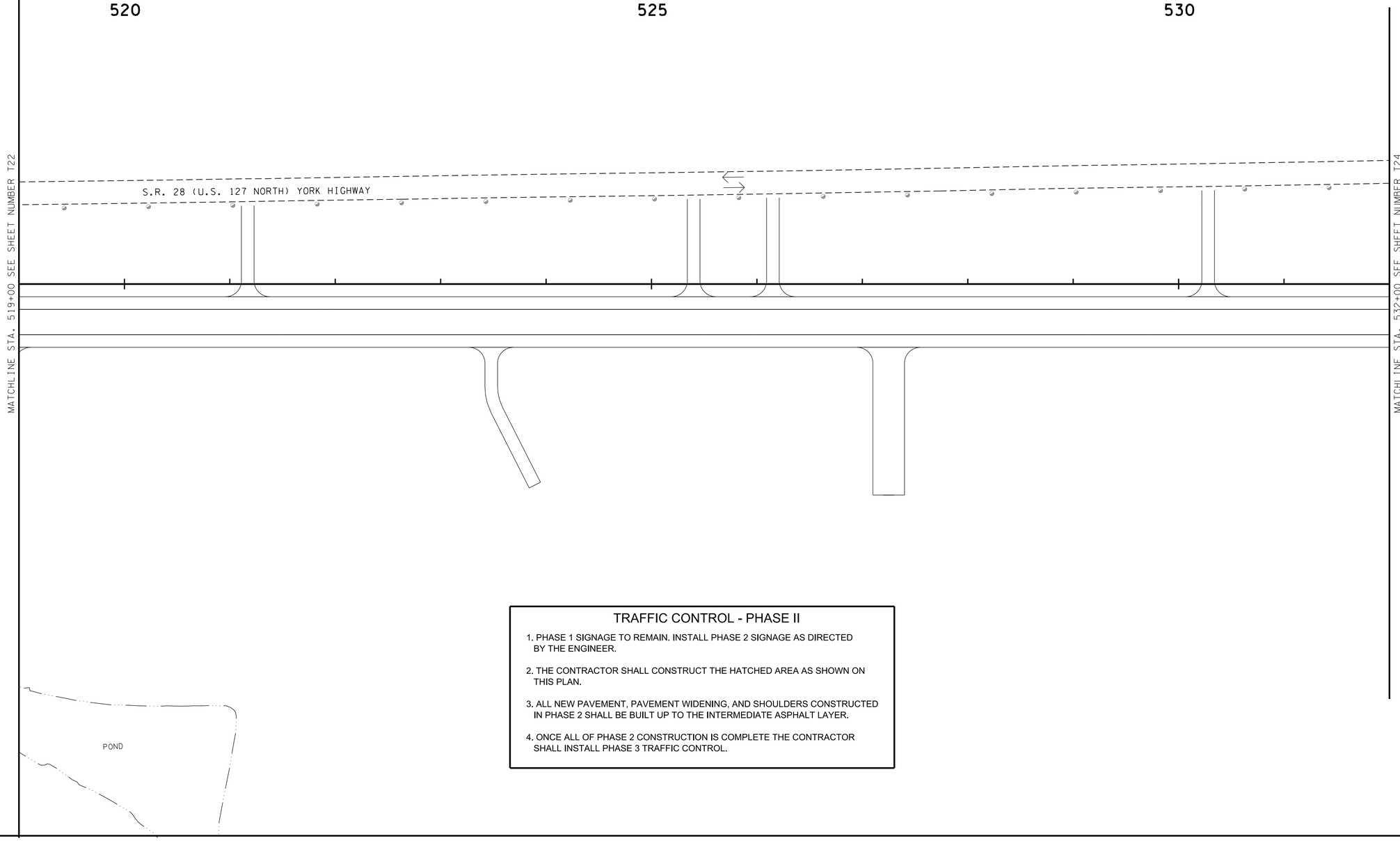
TRAFFIC CONTROL PLANS - PHASE II

STA. 506+00 TO STA. 519+00
SCALE: 1"= 50'

1/30/2026 2:39:20 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T22.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T23
PIH	2025	HPP/NH-28 (37)	T23





TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

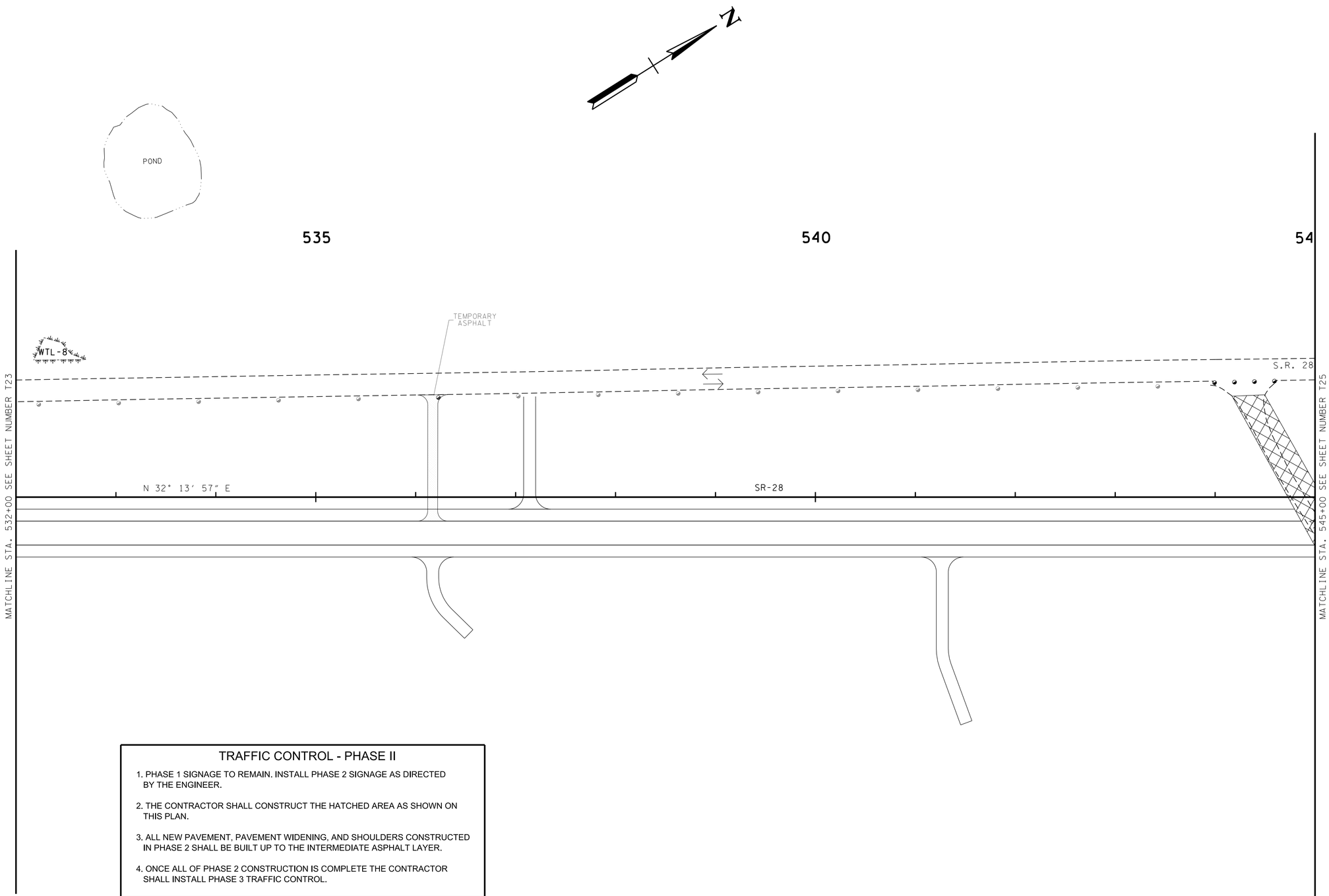
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:39:21 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T23.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T24
PIH	2025	HPP/NH-28 (37)	T24



TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:39:22 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T24.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T25
PIH	2025	HPP/NH-28 (37)	T25

STA. 546+15.00 SR-28 (US 127)=
STA. 100+00.00 ATKINS ROAD
N 659292.6200
E 2252175.1224

STA. 102+20.00 ATKINS ROAD =
STA. 10+00.00 FRONTAGE ROAD
N 659181.4990
E 2252364.5534

W1-1R
30" X 30"

D3-1
30" X 8"

W1-1L
30" X 30"

D3-1
30" X 8"

5

550

555

TEMPORARY ASPHALT

(U.S. 127 N)

MATCHLINE STA. 545+00 SEE SHEET NUMBER T24

MATCHLINE STA. 558+00 SEE SHEET NUMBER T26

SR-28

N 31° 29′ 26″ E

S 57° 46′ 03″ E

ATKINS RD.

15

20

N 31° 29′ 26″ E

N 32° 13′ 57″ E

N 21° 59′ 07″ W

N 20° 09′ 41″ E

STOP
R1-1
36" X 36"

S 84° 10′ 30″ E

W20-1
(36"X36")
ROAD WORK AHEAD

G20-2
36" X 18"
END ROAD WORK

TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:39:23 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T25.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T26

TRAFFIC CONTROL - PHASE II

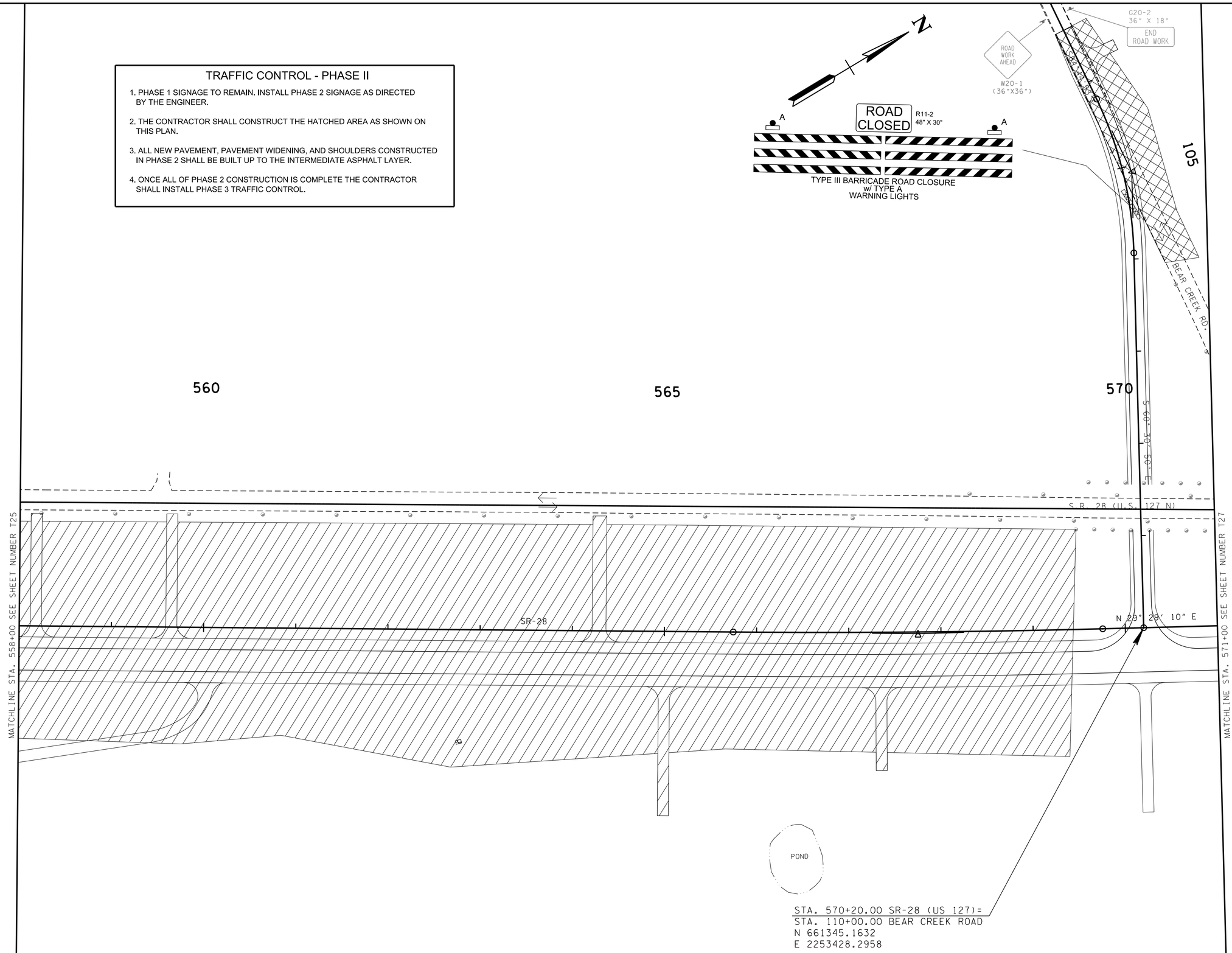
1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.

2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.

3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.

4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.

TYPE III BARRICADE ROAD CLOSURE
w/ TYPE A
WARNING LIGHTS



STA. 570+20.00 SR-28 (US 127)=
STA. 110+00.00 BEAR CREEK ROAD
N 661345.1632
E 2253428.2958

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

1/30/2026 2:39:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T26.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T27
PIH	2025	HPP/NH-28 (37)	T27

575

MATCHLINE STA. 571+00 SEE SHEET NUMBER T26

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER T28

BEATY RD.

N 29° 29′ 10″ E

N 29° 29′ 10″ E

SR-28

N 31° 29′ 26″ E

S.R. 28 (U.S. 127 N)

S 63° 54′ 41″ E

S 58° 30′ 34″ E

ROAD WORK AHEAD
W20-1
(36"X36")

G20-2
36" X 18"
END ROAD WORK

WTL-10

POND-4
EL. 1802.10'

WWC-4/EPH-4

S 69° 11′ 22″ E

STA. 574+40.00 SR-28 (US 127)=
STA. 120+00.00 BEATY ROAD
N 661710.6723
E 2253635.1842

STA. 581+08.18 SR-28 (US 127) =
STA. 130+00.00 BUTTERNUT RIDGE ROAD
N 662398.5212
E 2254050.7663

EQUATION:
STA. 581+35.50 BK =
STA. 580+00.00 AH

ROAD CLOSED
R11-2
48" X 30"

A

A

TYPE III BARRICADE ROAD CLOSURE
w/ TYPE A
WARNING LIGHTS

125

W20-1
(36"X36")
ROAD WORK AHEAD

G20-2
36" X 18"
END ROAD WORK

TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.
5. PHASE 1 TEMPORARY PAVEMENT TO REMAIN IN PLACE TO ALLOW ACCESS TO PROPERTIES ON THE EAST SIDE OF THE SR-28.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 571+00 TO STA. 582+00 R2
SCALE: 1"= 50'

1/30/2026 2:39:25 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T27.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T28
PIH	2025	HPP/NH-28 (37)	T28

TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.
5. PHASE 1 TEMPORARY PAVEMENT TO REMAIN IN PLACE TO ALLOW ACCESS TO PROPERTIES ON THE EAST SIDE OF THE SR-28.

N

585

590

595

STA. 592+50.00 SR-28 (US 127)

STA. 140+00.00 N. LOWE ROAD
N 663379.5967
E 2254634.4477

ADJACENT PROJECT TO BE BUILT PRIOR TO THE START OF CONSTRUCTION

S.R. 28 (U.S. 127 N)

TEMPORARY ASPHALT

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER T27

MATCHLINE STA. 595+00 R2 SEE SHEET NUMBER T29

N 31° 29' 26" E

SR-28

N. LOWE ROAD

S 68° 29' 45" E

S 66° 50' 28" E

W20-1
(36"X36")
ROAD WORK AHEAD

G20-2
36" X 18"
END ROAD WORK

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

145

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 582+00 R2 TO STA. 595+00
SCALE: 1"= 50'

1/30/2026 2:39:26 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T28.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T29
PIH	2025	HPP/NH-28 (37)	T29

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409

N

HARVILLE ROAD

S 6° 53' 13" E DIDEN LOOP

DIDDEN LOOP

595

150

600

605

610

DIDDEN LOOP

ADJACENT PROJECT TO BE BUILT PRIOR TO THE START OF CONSTRUCTION

WTL-2 (.05)

S 66° 21' 18" E

MATCHLINE STA. 595+00 R2 SEE SHEET NUMBER T28

US127/SR28

STR-2 (.05) WWC-1A (.05)

STR-2 (.05)

STR-7

STR-8

N 16° 13' 50" E

WTL-13

1,000'

1600'

2600'

G20-1
48" X 24"
ROAD WORK NEXT 6 MILE

W20-1
(48"X48")
ROAD WORK 1000 FT

W20-1
(48"X48")
ROAD WORK 1/2 MILE

W20-1
(48"X48")
ROAD WORK

500'

END ROAD WORK
G20-2
48" X 24"

PS&E FIELD REVIEW

STR-6

WWC-1 (.05)

STA. 596+30.00 SR-28 (US 127) =
STA. 154+87.96 DIDEN LOOP
N 663722.3886
E 2254798.2792

WTL-2 (.05)

POND-1 (.05)

STR-1 (.05)

WTL-5 (.05)

TRAFFIC CONTROL - PHASE II

1. PHASE 1 SIGNAGE TO REMAIN. INSTALL PHASE 2 SIGNAGE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THIS PLAN.
3. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 2 SHALL BE BUILT UP TO THE INTERMEDIATE ASPHALT LAYER.
4. ONCE ALL OF PHASE 2 CONSTRUCTION IS COMPLETE THE CONTRACTOR SHALL INSTALL PHASE 3 TRAFFIC CONTROL.
5. PHASE 1 TEMPORARY PAVEMENT TO REMAIN IN PLACE TO ALLOW ACCESS TO PROPERTIES ON THE EAST SIDE OF THE SR-28.

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE II

STA. 595+00 R2 TO END PROJ.
SCALE: 1"= 50'

1/30/2026 2:39:27 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T29.SHT

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 428+42.14
N 649268.3580
E 2246007.5779

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (R.O.W.)
STA. 428+42.14

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
BEGIN PROJ. NO. 18008-3229-14 (CONST.)
STA. 432+00.00
N 649573.5140
E 2246194.5083

PIN NO. 100260.03
END PROJ. NO.
STP/NH-28(32) (CONST.)
STA. 432+00.00

TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPRIATE PLAN SHEETS.

2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.

3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.

4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.

5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T30
PIH	2025	HPP/NH-28 (37)	T30

430 435 440

SCARIFIED & OBLITERATED BY OTHERS

S.R. 28 (U.S. 127 NORTH) ALVIN C. YORK HIGHWAY

END ROAD WORK
G20-2
48" X 24"
500'

N 31° 29' 26" E

SR-28

ROAD WORK 1 MILE
W20-1
(48"X48")
2600'

ROAD WORK 1/2 MILE
W20-1
(48"X48")
1600'

ROAD WORK 1000 FT
W20-1
(48"X48")
1,000'

ROAD WORK NEXT 3.5 MILE
G20-1
48" X 24"

TIE TO ADJACENT PROJECT PIN 100260.03

STA. 434+40.00 SR-28 (US 127) =
STA. 20+00.00 CATOOSA RIDGE
N 649778.1683
E 2246319.8742

ADJACENT PROJECT TO BE BUILT PRIOR TO THE START OF CONSTRUCTION

STA.441+50.00 SR-28 (US 127) =
STA. 30+00.00 OLD ELMORE ROAD
N 650383.6042
E 2246690.7480

G20-2
36" X 18"
END ROAD WORK

W20-1
(36"X36")
ROAD WORK AHEAD

ROAD WORK AHEAD
W20-1
(36"X36")

G20-2
36" X 18"
END ROAD WORK

S 58° 30' 34" E

S 58° 30' 34" E

MATCHLINE STA. 442+00 SEE SHEET NUMBER T31

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

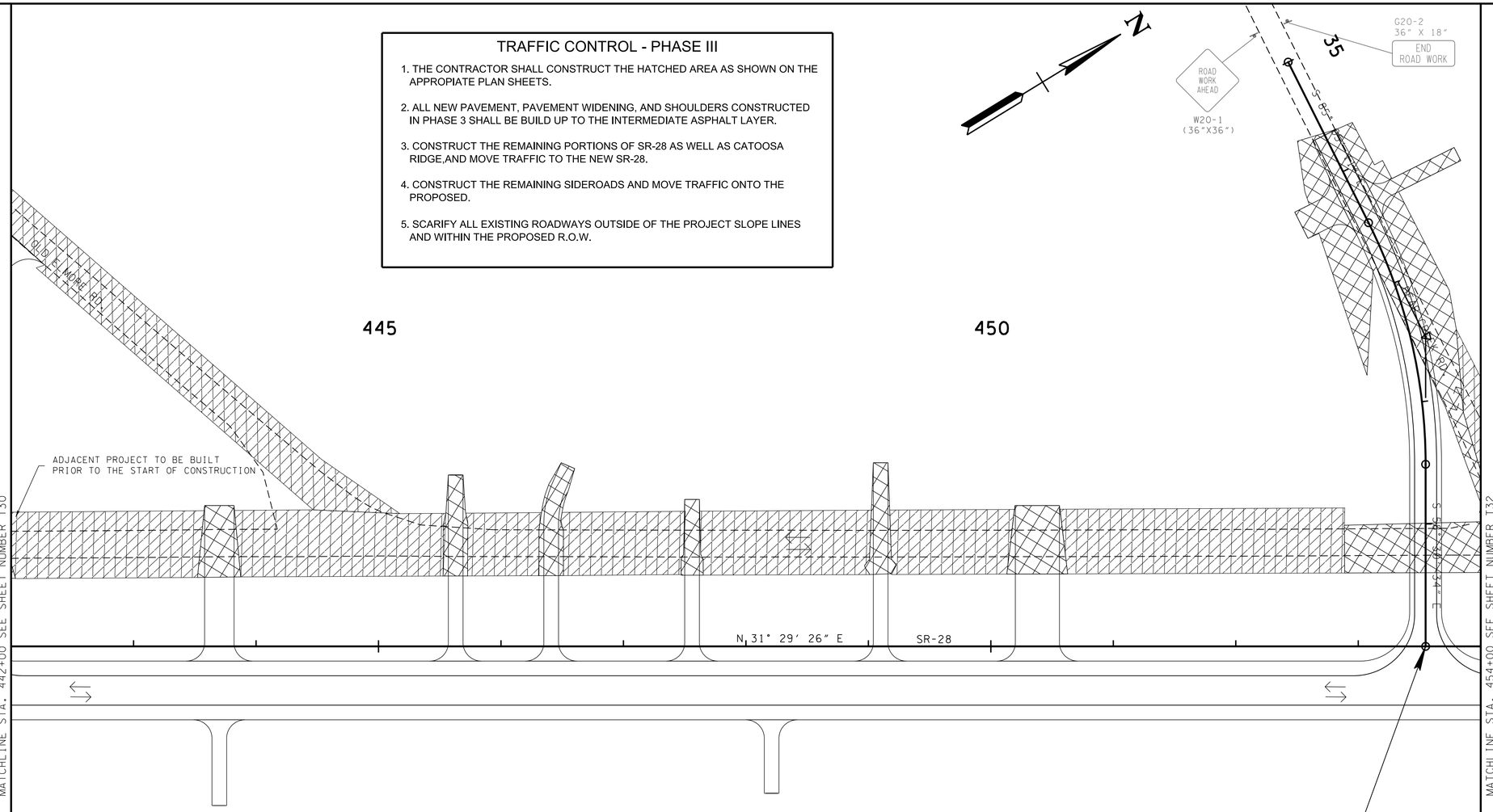
BEGIN PROJ. TO STA. 442+00
SCALE: 1"= 50'

1/30/2026 2:39:29 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T30.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T31
PIH	2025	HPP/NH-28 (37)	T31

TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.



STA. 453+55.00 SR-28 (US 127) =
STA. 40+00.00 BEAR CREEK ROAD
N 651411.1397
E 2247320.1889

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

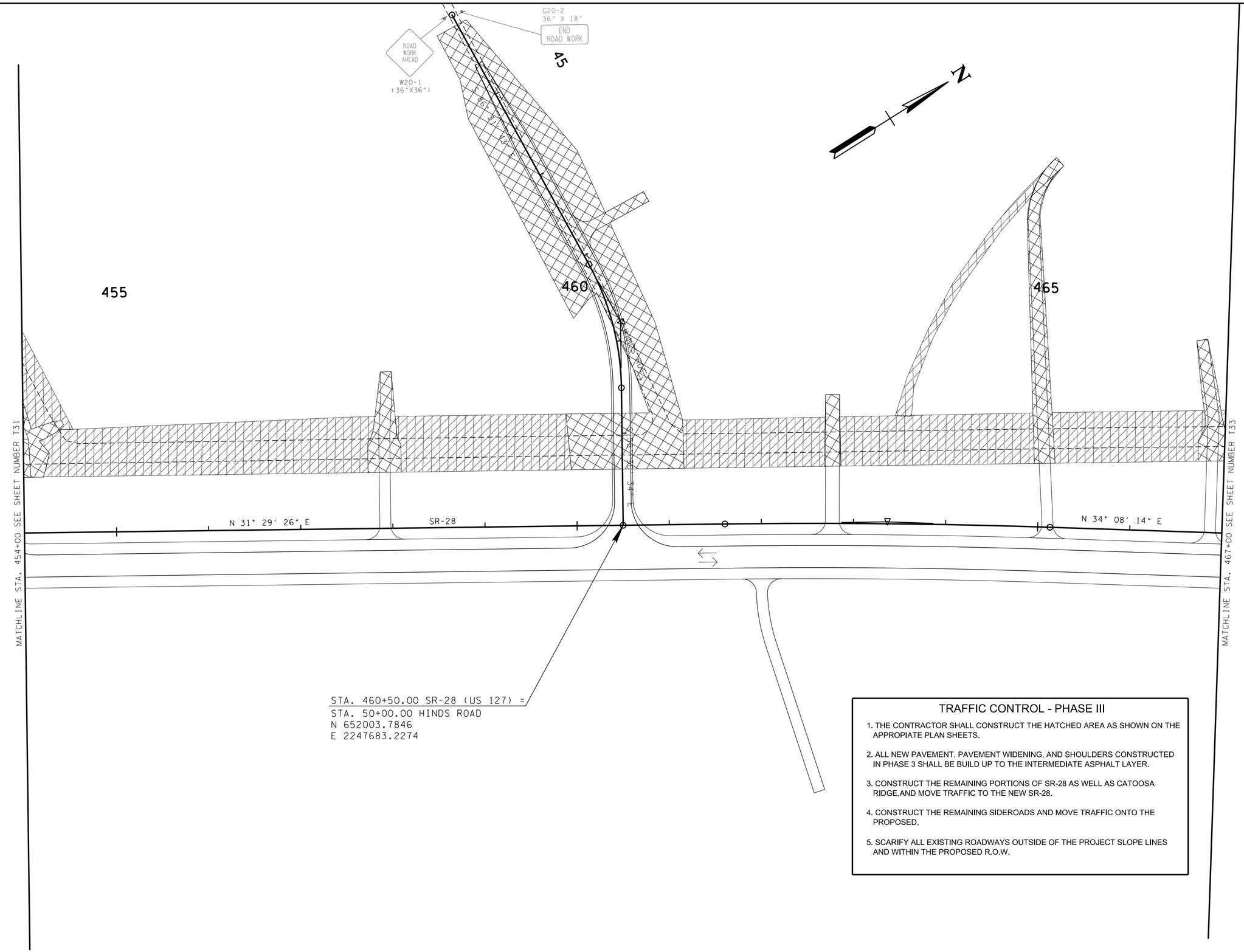
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 442+00 TO STA. 445+00
SCALE: 1"= 50'

1/30/2026 2:39:30 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T31.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T32
PIH	2025	HPP/NH-28 (37)	T32



TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

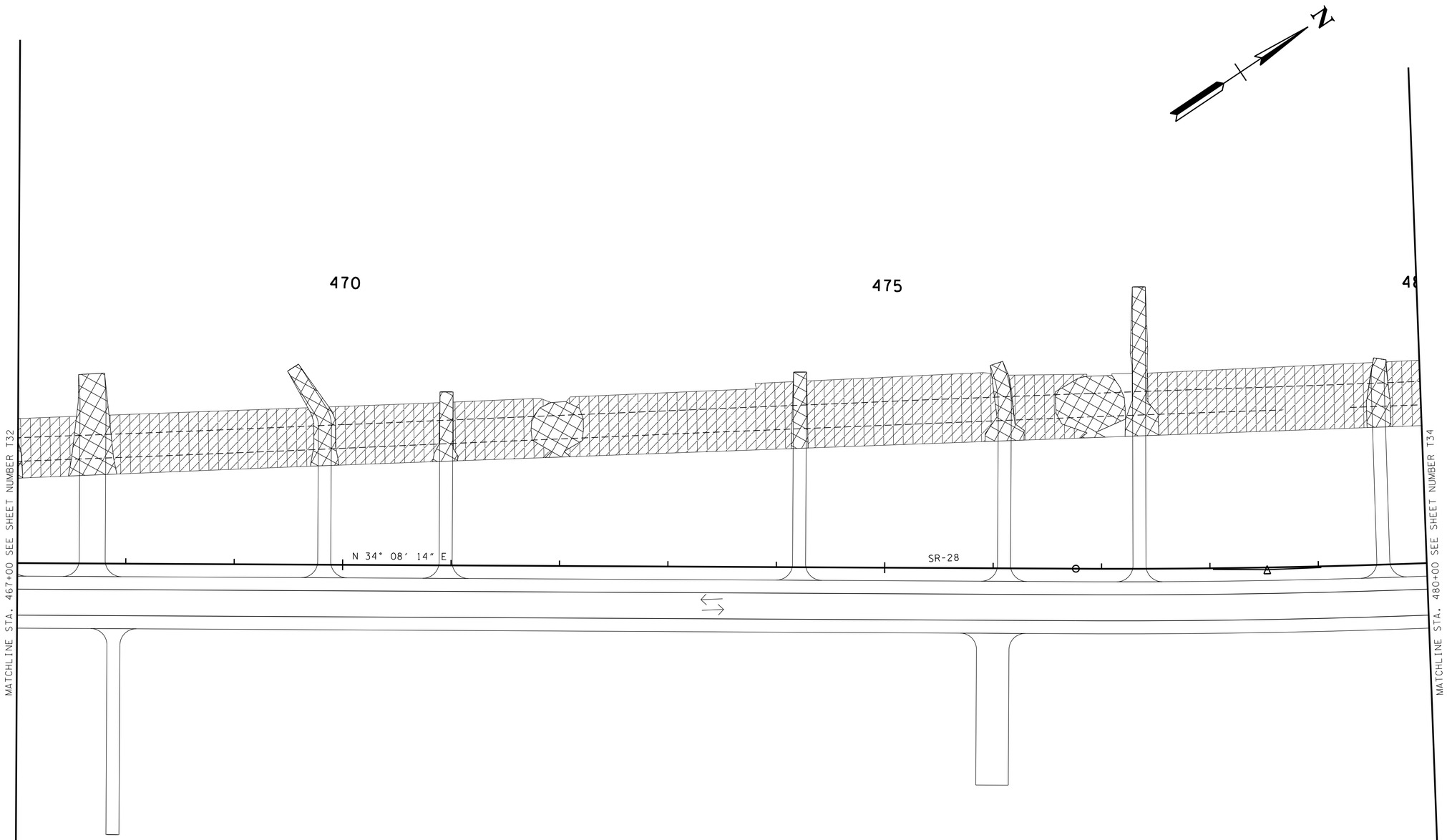
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 454+00 TO STA. 467+00
SCALE: 1"= 50'

1/30/2026 2:39:33 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T32.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T33
PIH	2025	HPP/NH-28 (37)	T33



TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.

2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.

3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.

4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.

5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

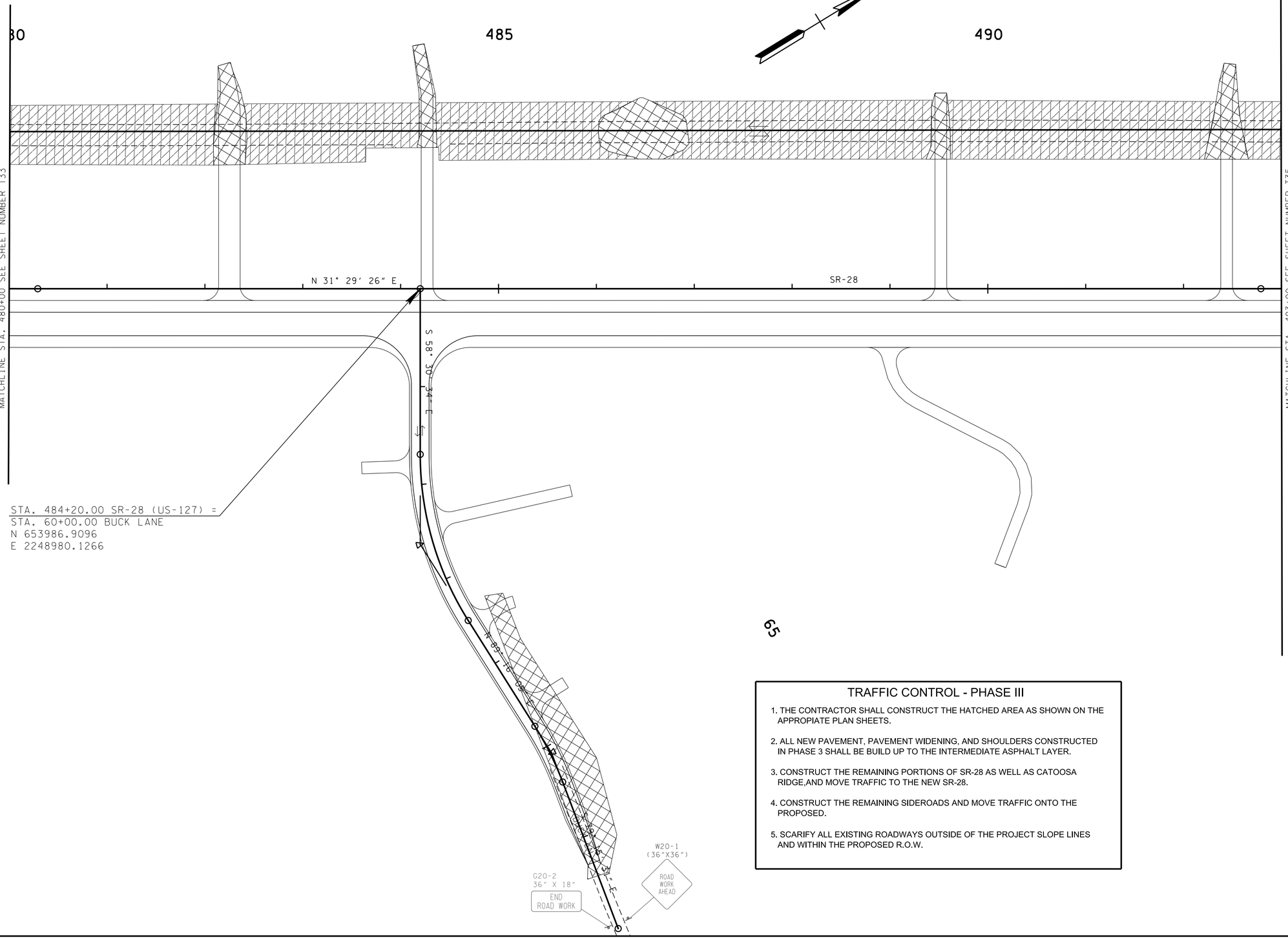
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 467+00 TO STA. 480+00
SCALE: 1"= 50'

1/30/2026 2:39:34 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T33.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T34
PIH	2025	HPP/NH-28 (37)	T34



65

TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

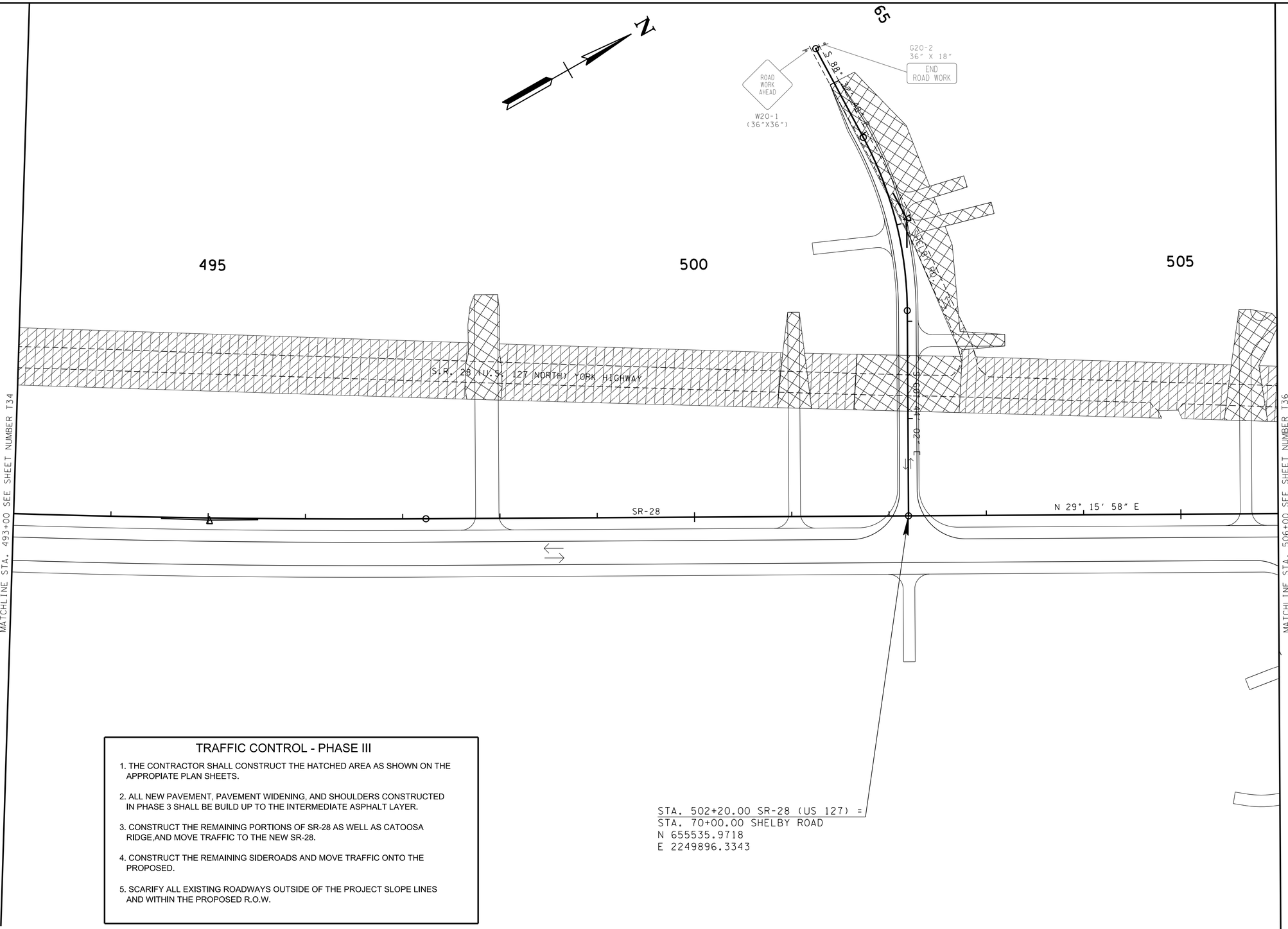
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 480+00 TO STA. 493+00
SCALE: 1"= 50'

1/30/2026 2:39:35 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T34.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T35
PIH	2025	HPP/NH-28 (37)	T35



STA. 502+20.00 SR-28 (US 127) =
STA. 70+00.00 SHELBY ROAD
N 655535.9718
E 2249896.3343

TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

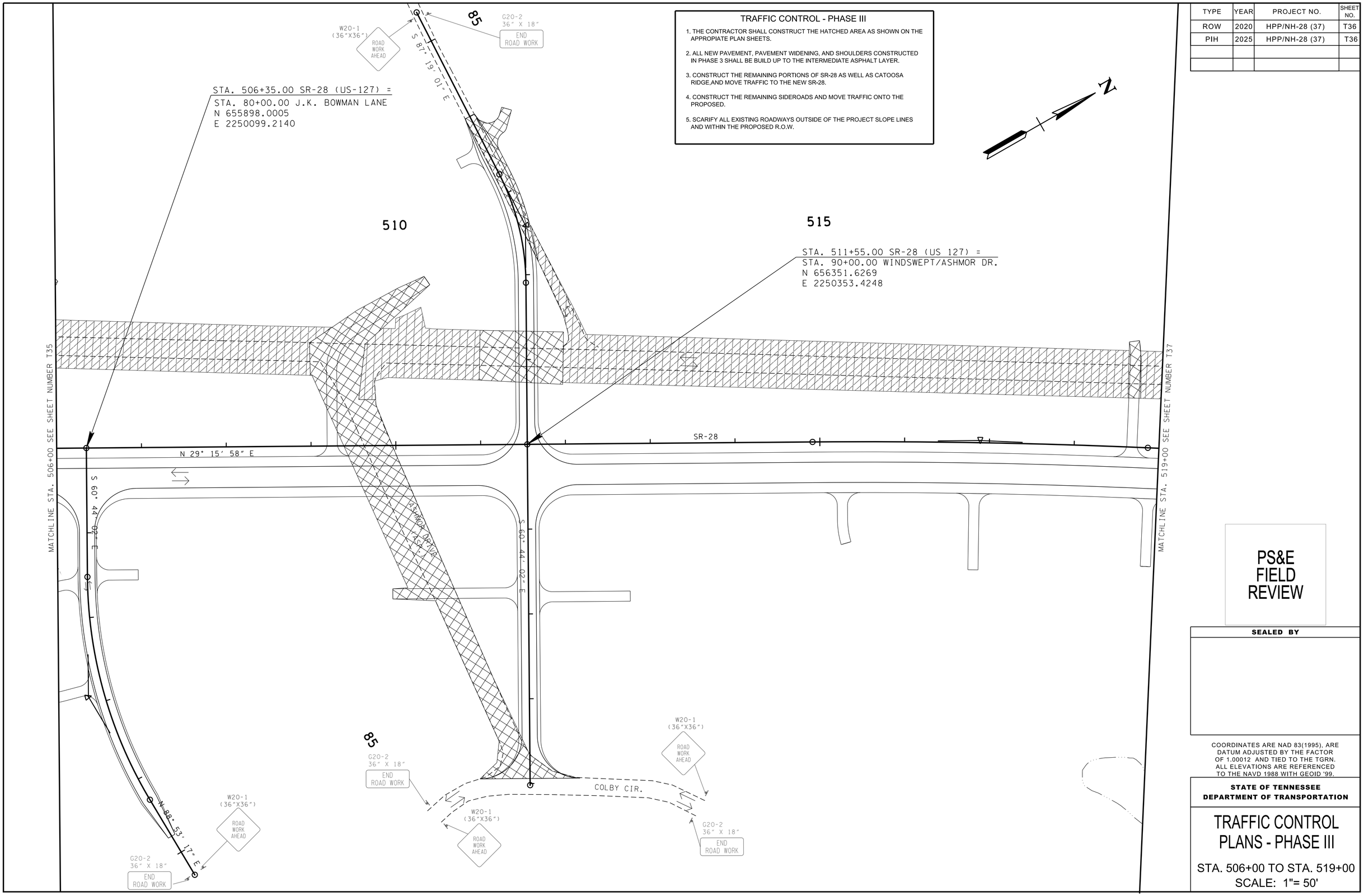
STA. 493+00 TO STA. 506+00
SCALE: 1"= 50'

1/30/2026 2:39:36 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T35.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T36
PIH	2025	HPP/NH-28 (37)	T36

TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

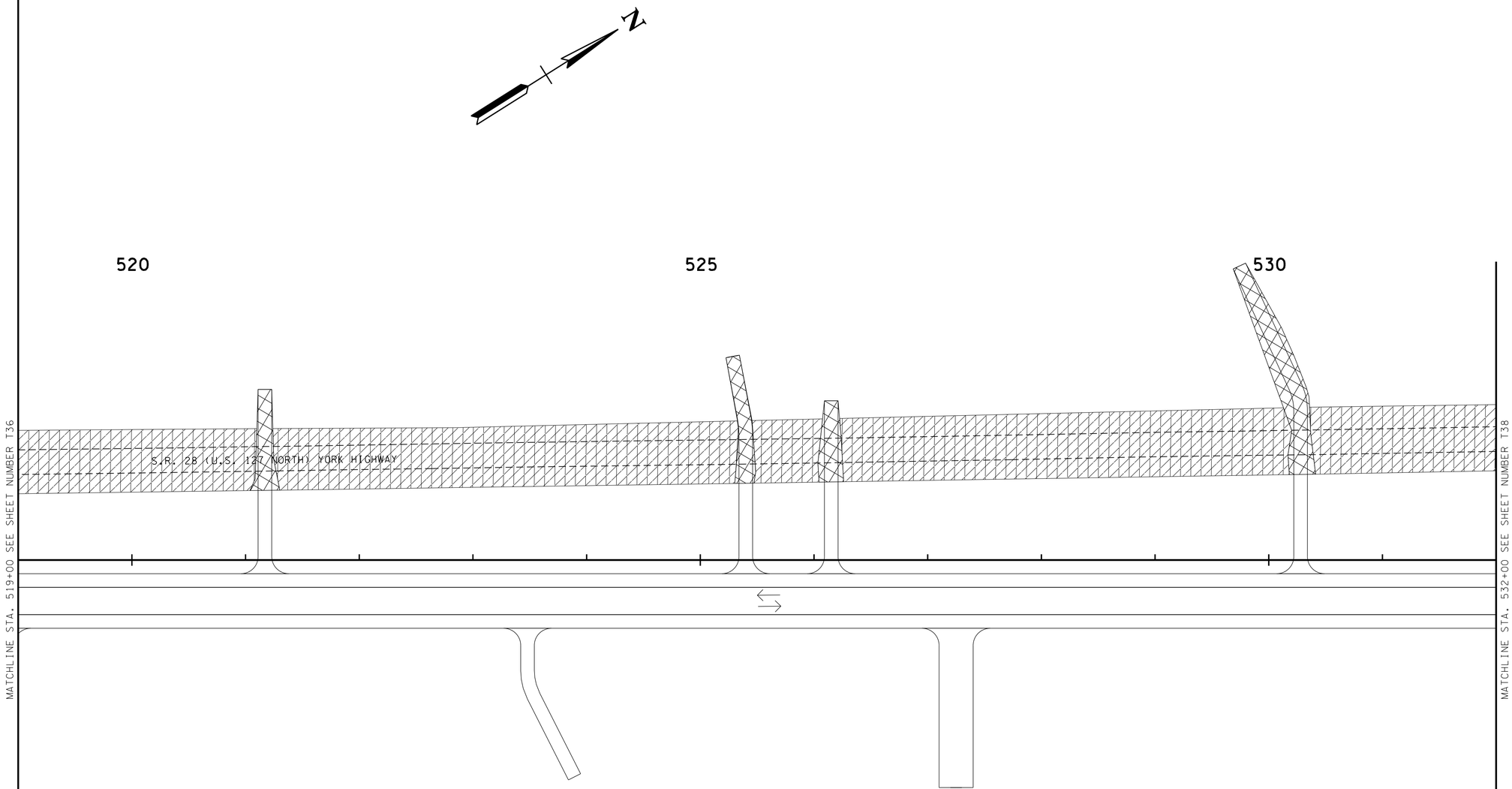
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 506+00 TO STA. 519+00
SCALE: 1"= 50'

1/30/2026 2:39:37 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T36.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T37
PIH	2025	HPP/NH-28 (37)	T37



TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

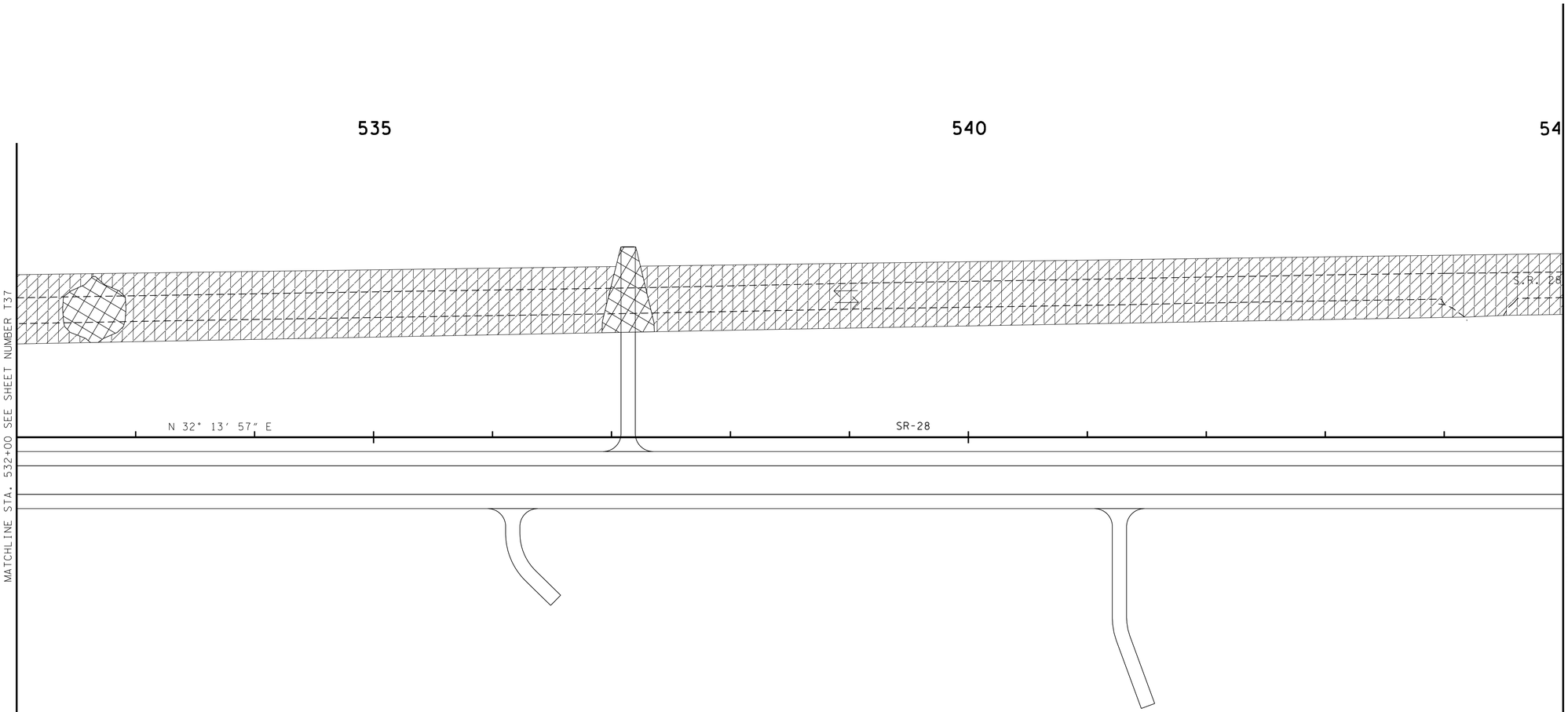
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 519+00 TO STA. 532+00
SCALE: 1"= 50'

1/30/2026 2:39:37 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T37.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T38
PIH	2025	HPP/NH-28 (37)	T38



TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

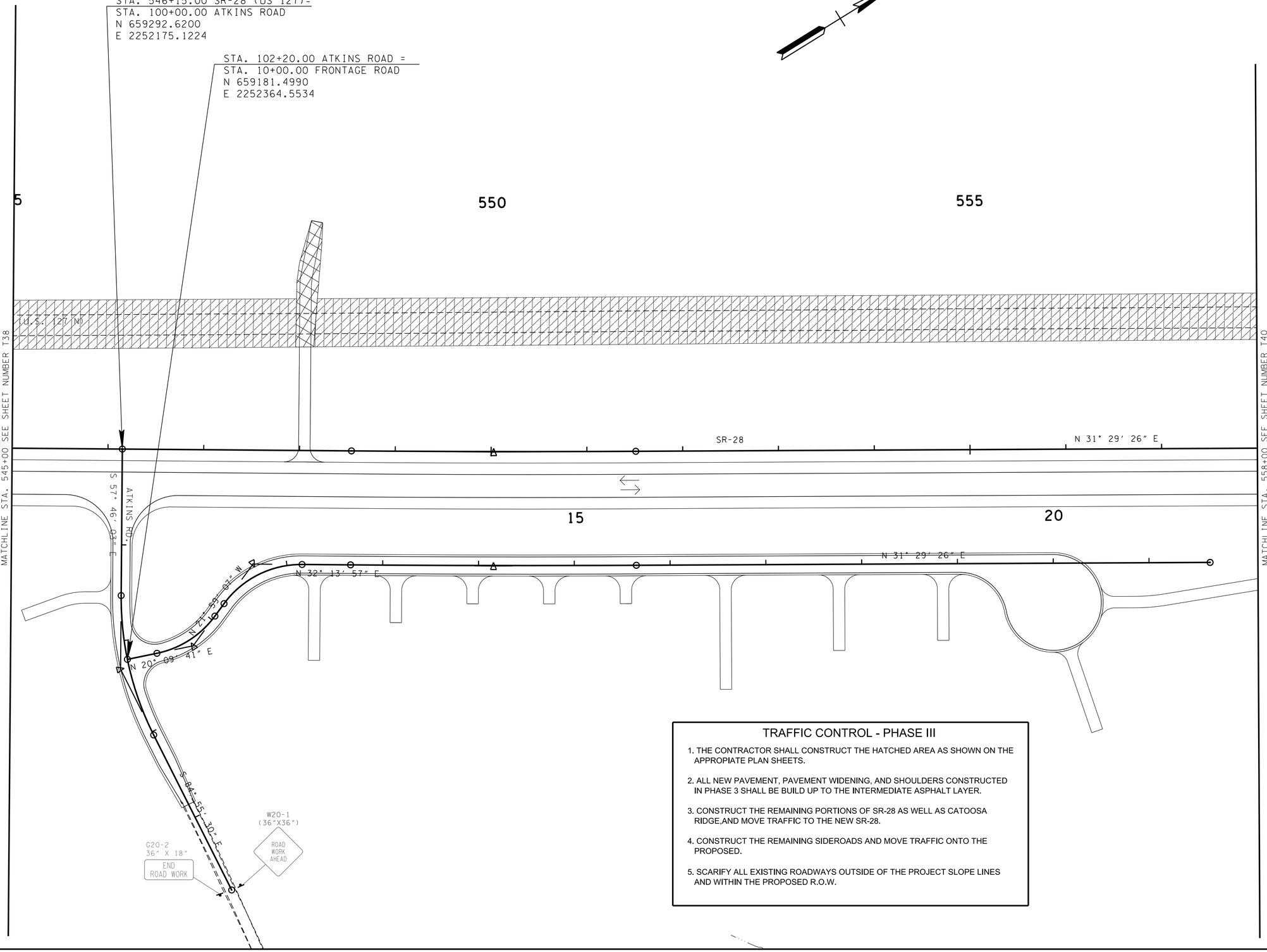
STA. 532+00 TO STA. 545+00
SCALE: 1"= 50'

1/30/2026 2:39:38 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T38.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T39
PIH	2025	HPP/NH-28 (37)	T39

STA. 546+15.00 SR-28 (US 127)=
STA. 100+00.00 ATKINS ROAD
N 659292.6200
E 2252175.1224

STA. 102+20.00 ATKINS ROAD =
STA. 10+00.00 FRONTAGE ROAD
N 659181.4990
E 2252364.5534



TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

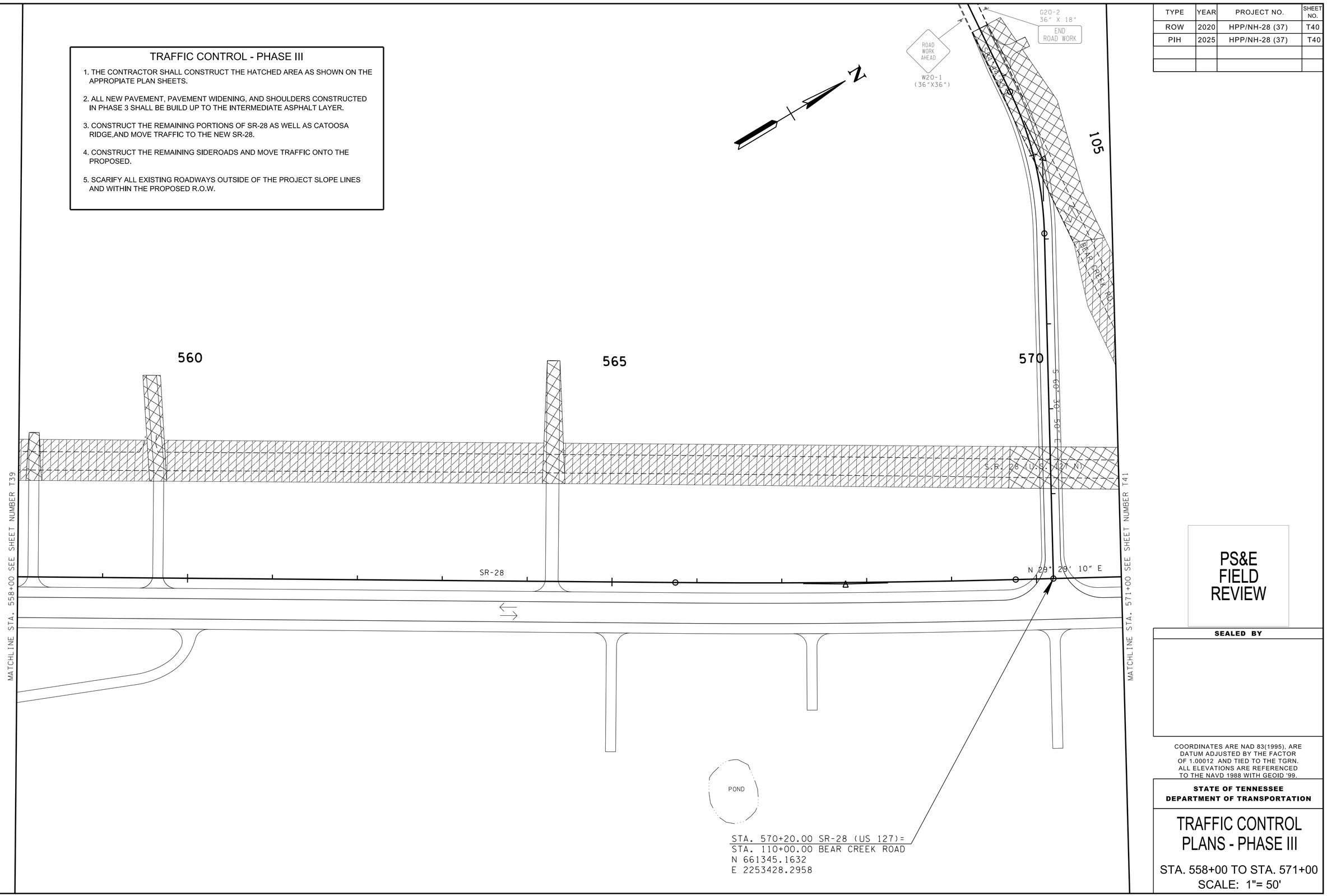
STA. 545+00 TO STA. 558+00
SCALE: 1"= 50'

1/30/2026 2:39:39 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T39.sht

TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T40
PIH	2025	HPP/NH-28 (37)	T40



PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

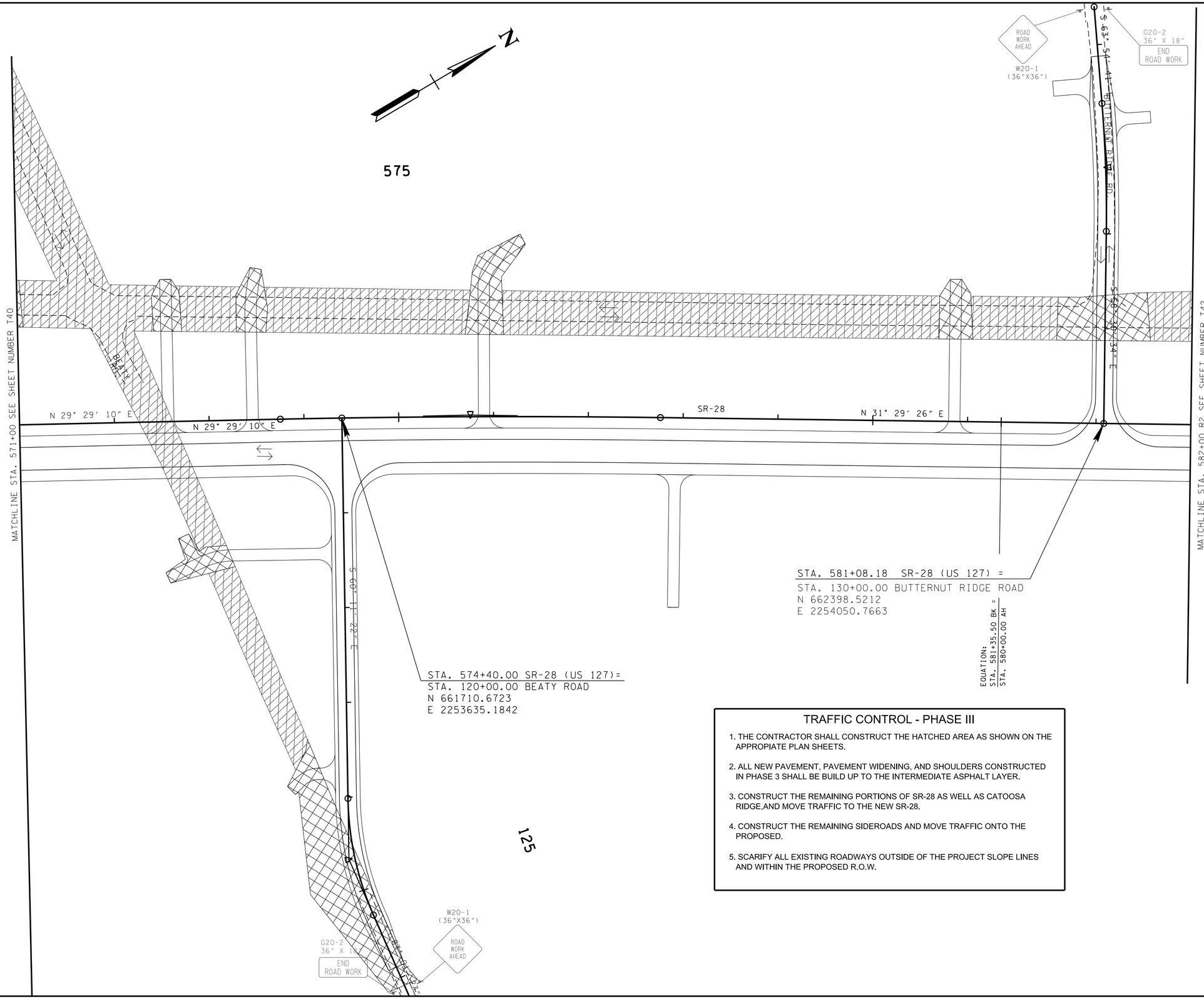
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 558+00 TO STA. 571+00
SCALE: 1"= 50'

1/30/2026 2:39:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T40.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T41
PIH	2025	HPP/NH-28 (37)	T41



TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E FIELD REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 571+00 TO STA. 582+00 R2
SCALE: 1"= 50'

1/30/2026 2:39:40 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T41.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T42
PIH	2025	HPP/NH-28 (37)	T42

TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

N

STA. 592+50.00 SR-28 (US 127) =
STA. 140+00.00 N. LOWE ROAD
N 663379.5967
E 2254634.4477

585

590

595

ADJACENT PROJECT TO BE BUILT PRIOR TO THE START OF CONSTRUCTION

S.R. 28 (U.S. 127 NB)

S.R. 28 (U.S. 127 NB)

MATCHLINE STA. 582+00 R2 SEE SHEET NUMBER T41

MATCHLINE STA. 595+00 R2 SEE SHEET NUMBER T43

N 31° 29' 26" E

SR-28

S 68° 29' 45" E

N. LOWE ROAD

S 66° 50' 28" E

G20-2
36" X 18"
END
ROAD WORK

W20-1
(36"X36")
ROAD
WORK
AHEAD

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-2227-14 (R.O.W.)
STA. 589+70.13
N 663134.4720
E 2254499.4437

145

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 582+00 R2 TO STA. 595+00
SCALE: 1"= 50'

1/30/2026 2:39:41 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T42.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	HPP/NH-28 (37)	T43
PIH	2025	HPP/NH-28 (37)	T43

PIN NO. 100260.04
FED. AID PROJ. NO. HPP/NH-28(37)
END PROJ. NO. 18008-3229-14 (CONST.)
STA. 606+60.00
N 664695.8426
E 2255132.0409

N

S 6° 53' 13" E DIDEN LOOP

RUIN

595

150

600

605

610

MATCHLINE STA. 595+00 R2 SEE SHEET NUMBER T42

N 16° 13' 50" E

STA. 596+30.00 SR-28 (US 127) =
STA. 154+87.96 DIDEN LOOP
N 663722.3886
E 2254798.2792

1,000'

G20-1
48" X 24"
ROAD WORK
NEXT 6 MILE

W20-1
(48"X48")
ROAD
WORK
1000 FT

1600'

2600'

W20-1
(48"X48")
ROAD
WORK
1/2 MILE

W20-1
(48"X48")
ROAD
WORK

500'

END
ROAD WORK
G20-2
48" X 24"

TRAFFIC CONTROL - PHASE III

1. THE CONTRACTOR SHALL CONSTRUCT THE HATCHED AREA AS SHOWN ON THE APPROPIATE PLAN SHEETS.
2. ALL NEW PAVEMENT, PAVEMENT WIDENING, AND SHOULDERS CONSTRUCTED IN PHASE 3 SHALL BE BUILD UP TO THE INTERMEDIATE ASPHALT LAYER.
3. CONSTRUCT THE REMAINING PORTIONS OF SR-28 AS WELL AS CATOOSA RIDGE,AND MOVE TRAFFIC TO THE NEW SR-28.
4. CONSTRUCT THE REMAINING SIDEROADS AND MOVE TRAFFIC ONTO THE PROPOSED.
5. SCARIFY ALL EXISTING ROADWAYS OUTSIDE OF THE PROJECT SLOPE LINES AND WITHIN THE PROPOSED R.O.W.

PS&E
FIELD
REVIEW

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00012 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID '99.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS - PHASE III

STA. 595+00 R2 TO END PROJ.
SCALE: 1"= 50'

1/30/2026 2:39:42 PM
P:\2009 Projects\09-05-0201 - SR-28\Transportation\Sheets\T43.SHT

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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

S&ME, INC.
5801 MIDDLEBROOK PIKE, SUITE A
KNOXVILLE, TN 37921

JASON S. REEVES, P.E., NO. 123557

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET	GEOTECH-SIGN1
GEOTECHNICAL INDEX	G-01
GEOTECHNICAL NOTES AND DEFINITION OF TERMS	G-02
GEOTECHNICAL BORING LAYOUTS	G-03, G-05, G-07, G-09, G-11
	G-13, G-15, G-17, G-19, G-21
	G-23, G-25, G-27, G-29
GEOTECHNICAL BORING PROFILES	G-04, G-06, G-08, G-10, G-12
	G-14, G-16. G-18, G-20, G-22
	G-24, G-26, G-28, G-30
GEOTECHNICAL TYPICAL SECTIONS	G-31 – G-32

YEAR	PROJECT NO.	SHEET NO.
2026	18008-3227-14	GEOTECH-SIGN1

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

GES No. 1816808 / PIN 100260.04

1/29/2026
T:\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028_GEOTECH-SIGN1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-01

GEOTECHNICAL INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET	GEOTECH-SIGN1
GEOTECHNICAL INDEX	G-01
GEOTECHNICAL NOTES AND DEFINITION OF TERMS	G-02
GEOTECHNICAL BORING LAYOUTS	G-03, G-05, G0-07, G-09, G-11
	G-13, G-15, G-17, G-19, G-21
	G-23, G-25, G-27, G-29
GEOTECHNICAL BORING PROFILES	G-04, G-06, G-08, G-10, G-12
	G-14, G-16, G-18, G-20, G-22
	G-24, G-26, G-28, G-30
GEOTECHNICAL TYPICAL SECTIONS	G-31 – G-32

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL INDEX

GES No. 1816808 / PIN 100260.04

8/28/2025 3:19:51 PM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-G-01_Index.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-02

SITE PREPARATION

1. IN CONSTRUCTION AREAS WHERE PONDS ARE LOCATED, SUBGRADE STABILIZATION WILL BE REQUIRED. THE SUBGRADE SHALL BE STABILIZED PRIOR TO FILL PLACEMENT AND AFTER COMPLETION OF STRIPPING AND GRUBBING BY CONSTRUCTING A ROCK PAD CONSISTING OF A MINIMUM OF THREE FEET OF GRADED SOLID ROCK (ITEM NO. 203-02.01). THE ROCK PAD SHALL BE UNDERLAIN AND OVERLAIN BY TYPE IV GEOTEXTILE (TDOT ITEM NO. 740-10.04). PONDS ARE PRESENT IN PLANNED ROADWAY CONSTRUCTION AREAS AT THE FOLLOWING APPROXIMATE LOCATIONS: STATION 471+50 TO 473+00, STATION 475+50 TO 479+00, STATION 486+00 TO 487+50, AND STATION 530+00 TO 535+00.
2. PROOFROLLING OF THE EXPOSED SURFACE OF THE SUBGRADE SOILS SHALL BE PERFORMED AFTER COMPLETION OF STRIPPING IN AREAS TO RECEIVE FILL AND ONCE GRADE IS ACHIEVED IN CUT AREAS. PROOFROLLING SHALL BE PERFORMED USING A FULLY LOADED DUMP TRUCK OR OTHER HEAVY EQUIPMENT APPROVED BY TDOT'S REPRESENTATIVE. THE PROOFROLLING OPERATION SHALL TRAFFIC THE CONSTRUCTION AREA WITH PARALLEL PASSES OF THE VEHICLE STARTING AT ONE SIDE OF THE AREA AND CONTINUING TO THE OTHER. EACH PASS SHALL OVERLAP THE PRECEDING PASS TO ENSURE COMPLETE COVERAGE. TDOT'S REPRESENTATIVE SHALL BE PRESENT TO OBSERVE THE PROOFROLLING OPERATION AND TO PROVIDE RECOMMENDATIONS SHOULD UNSTABLE SOILS BE ENCOUNTERED.

GROUNDWATER

3. BASED ON THE TEST BORING RESULTS, GROUNDWATER IS NOT EXPECTED TO PRESENT SIGNIFICANT SITE DEVELOPMENT PROBLEMS. HOWEVER, PERCHED GROUNDWATER CONDITIONS MAY OCCUR AT THIS SITE, PARTICULARLY DURING PERIODS OF HEAVY RAIN. IF GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL PROVIDE ADEQUATE DEWATERING TO MAINTAIN THE GROUNDWATER LEVEL BELOW THE BOTTOM OF EXCAVATIONS, EXCEPT WHEN THE EXCAVATION IS IN ROCK. PUMPING FROM SUMPS CONSTRUCTED OUTSIDE THE EXCAVATION SHOULD BE EFFECTIVE IN DEWATERING THE SOILS ENCOUNTERED IN THE TEST BORINGS. WATER FROM PUMPS SHALL BE DISCHARGED BEYOND THE CONSTRUCTION BOUNDARIES TO LIMIT ITS EFFECT ON CONSTRUCTION ACTIVITIES.

SLOPES

4. CUT AND COMPACTED FILL SLOPES SHALL HAVE A MAXIMUM SLOPE INCLINATION OF 2.5 HORIZONTAL TO 1 VERTICAL (2.5H:1V).
5. AS SPECIFIED IN SECTION 205.03, PARAGRAPH 7 OF THE TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2015, BENCHES SHALL BE CUT INTO THE SIDES OF EXISTING HILLSIDES AND SLOPES INCLINED AT 4H:1V OR STEEPER WHERE FILLS ARE TO BE CONSTRUCTED. THESE BENCHES SHALL BE AT LEAST AS WIDE AS THE COMPACTION EQUIPMENT AND SHALL SLOPE DOWN TOWARD THE UPHILL SLOPE FACE. A REPRESENTATIVE CROSS SECTION IS SHOWN AT STATION 530+00.
6. THE ON-SITE SOILS WILL BE SUSCEPTIBLE TO EROSION, ESPECIALLY IN SLOPED AREAS. VEGETATION SHALL BE ESTABLISHED AS QUICKLY AS POSSIBLE ON SLOPES TO PREVENT EROSION. EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT GUIDELINES.
7. SHOULD SHALLOW SLUMPS OR SLIDES OCCUR, THEY SHALL BE REPAIRED PROMPTLY TO PREVENT FURTHER SLOPE EROSION. REPAIR CAN TYPICALLY BE ACCOMPLISHED BY REMOVING THE SLIDE MATERIAL, EXCAVATING A BENCH WITHIN THE FAILURE ZONE, AND BACKFILLING THE FAILURE ZONE WITH CLASS A-3 MACHINED RIP-RAP. TYPE IV GEOTEXTILE (TDOT ITEM NO. 740-10.04) SHALL BE PLACED IN THE EXCAVATED ZONE PRIOR TO BACKFILLING WITH RIP-RAP.
8. IN CUT SLOPES, CONSTRUCTION MAY DISCLOSE THE PRESENCE OF SEEPS OR SPRINGS, OR DOWN-SLOPE DIPPING OF THE SOIL PROFILE. THESE CONDITIONS, IF PRESENT, CAN HAVE A SIGNIFICANT AFFECT ON SLOPE STABILITY. IF SEEPAGE, SLICKENSIDED ZONES, DOWN-SLOPE DIPPING, OR OTHER UNFAVORABLE GEOLOGIC CONDITIONS ARE ENCOUNTERED IN CUT SLOPES AT THE TIME OF CONSTRUCTION, THE GEOTECHNICAL ENGINEER SHALL BE CONTACTED TO OBSERVE THE CUT SLOPE AND PROVIDE RECOMMENDATIONS FOR CORRECTIVE MEASURES.

DIFFICULT EXCAVATION

9. BASED ON THE TEST BORING DATA, MATERIAL REQUIRING DIFFICULT EXCAVATION TECHNIQUES (WEATHERED SANDSTONE AND SANDSTONE) WILL BE ENCOUNTERED DURING SITE PREPARATION, PARTICULARLY IN CUT AREAS. LOCATIONS AND APPROXIMATE ELEVATIONS WHERE WEATHERED SANDSTONE AND AUGER REFUSAL WERE ENCOUNTERED IN BORINGS DRILLED IN PLANNED CUT AREAS ARE SUMMARIZED IN TABLE 1 ON THIS SHEET. THE WEATHERED SANDSTONE IS CLASSIFIED AS C. SOFT ROCK OR DEGRADABLE ROCK AND THE SANDSTONE IS CLASSIFIED AS B. SOLID ROCK MATERIAL AS DEFINED IN SECTION 2-1000.00 OF TDOT ROADWAY DESIGN GUIDELINES.

TABLE 1 - STATION LOCATIONS AND APPROXIMATE ELEVATIONS WHERE WEATHERED SANDSTONE AND AUGER REFUSAL WAS ENCOUNTERED IN CUT AREA BORINGS

Station No.	Approximate Elevation of Weathered Sandstone (feet msl)	Approximate Refusal Elevation (feet msl)
430+00	1833	1830
430+74	1832	1828
445+00	1859	1848
467+50	1841	1838
479+86	Not Encountered	1830
490+00	1856	1847
494+00	1845	1838
498+00	1838	1836
500+00	1837	1835
502+00	1839	1837
504+00	1833	1831
506+00	1829	1825
507+83	Not Encountered	1828
508+00	1834	1832
510+50	1837	1834
512+00	1835	1828
538+00	1818	1813
540+00	1814	1809
542+00	1816	1810
570+52	Not Encountered	1810
580+00	1811	Not Encountered
582+00	1811	1807

DEFINITION OF EARTHWORK TERMS

THE TERMS AND DEFINITIONS BELOW SHALL CHARACTERIZE THE MATERIAL TYPE THAT WILL BE ENCOUNTERED DURING EXCAVATION AND GRADING. SEE TYPE MATERIAL REFERENCE IN TYPICAL SECTIONS LEGEND.

A. SOIL MATERIAL

SOIL MATERIAL IS MATERIAL THAT IS PREDOMINANTLY MADE UP OF NATURALLY OCCURRING MINERAL PARTICLES WHICH ARE FAIRLY READILY SEPARATED INTO RELATIVELY SMALL PIECES, AND IN WHICH THE MASS MAY CONTAIN AIR, WATER OR ORGANIC MATERIALS. THIS MATERIAL MAY CONTAIN ROCK PIECES IN THE FORM OF DISCONNECTED SLABS, LENSES, OR BOULDERS OF LESS THAN APPROXIMATELY 0.5 CUBIC YARDS. THE MAIN SOIL GROUPS CONSIST OF CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS (LESS THAN 0.5 CUBIC YARD VOLUME) OR A COMBINATION OF ANY OF THE CONSTITUENTS. FOR CONSTRUCTION PURPOSES, THIS MATERIAL WOULD TYPICALLY BE CONSIDERED TO BE EXCAVATABLE BY CONVENTIONAL EXCAVATION MACHINERY SUCH AS PANS, TRACK HOES, OR FRONT END EXCAVATORS/LOADERS.

B. SOLID ROCK MATERIAL

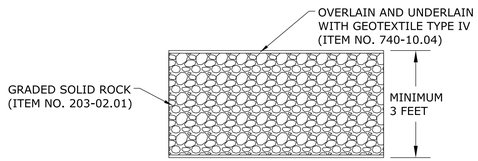
SOLID ROCK MATERIAL IS THAT NATURALLY OCCURRING MATERIAL COMPOSED OF MINERAL PARTICLES SO FIRMLY BONDED TOGETHER THAT RELATIVELY GREAT EFFORT IS REQUIRED TO SEPARATE THE PARTICLES (I.E. BLASTING OR HEAVY CRUSHING FORCES). FOR CONSTRUCTION PURPOSES, THIS MATERIAL WOULD TYPICALLY HAVE TO BE BLASTED TO SEPARATE INTO PIECES SMALL ENOUGH TO LOAD AND TRANSPORT ON EARTH MOVING TRUCKS AND WHICH WHEN SUBJECTED TO PROPER PRE-SPLIT AND PRODUCTION BLASTING WOULD RESULT IN A UNIFORM STABLE ROCK CUT FACE. NOTE THAT THIS MATERIAL WOULD NOT BY DEFINITION NECESSARILY BE A PROVEN SOURCE OF ANY ROCK TYPE AGGREGATE SUCH AS SOLID ROCK, GRADED SOLID ROCK, RIP RAP, OR OTHER ROCK AGGREGATE CONSTRUCTION PRODUCTS.

C. SOFT ROCK OR DEGRADABLE ROCK

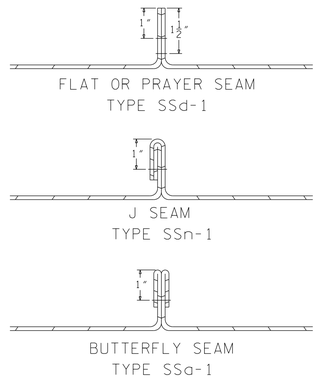
THIS MATERIAL IS THAT NATURALLY OCCURRING MATERIAL COMPOSED OF MINERAL PARTICLES THAT ARE SO FIRMLY BONDED SUCH THAT THEY ARE NOT FAIRLY READILY SEPARATED INTO SMALL PIECES YET HAS SUCH RELATIVELY LOW BONDING STRENGTH THAT WOULD ALLOW FOR SEPARATING INTO SMALL PIECES THROUGH MODERATE TO HEAVY CRUSHING FORCES. FOR CONSTRUCTION PURPOSES THIS MATERIAL WOULD HAVE TO BE SUBJECTED TO RIPPING TYPE EQUIPMENT, HOE RAMS, OR RUGGED USE OF A LARGE BULLDOZER IN ORDER TO SEPARATE THE MATERIAL SUCH THAT IT CAN BE READILY LOADED INTO EARTH MOVING TRUCKS. THESE MATERIALS WOULD TYPICALLY BE SHALES, CLAYSTONES, SILTSTONES, WEATHERED SANDSTONES, WEATHERED SCHIST AND WEATHERED GNEISS.

D. TRANSITIONAL MATERIALS

THIS MATERIAL IS THAT MATERIAL COMPRISED OF A COMBINATION OF SOIL AND ROCK (MATERIALS A, B, AND C) OCCURRING IN EITHER NON-UNIFORM INTERBEDDED LAYERS OF THE ABOVE MATERIALS (I.E. SHALE MATERIAL WITH RELATIVELY THIN LAYERS OF SOLID ROCK SUCH AS HARD LIMESTONE) OR ERRATIC LOCALIZED CHANGES OF MATERIAL TYPES BOTH LATERALLY AND WITH DEPTH (SUCH AS A GEOLOGIC FORMATION RESULTING IN PINNACLED ROCK COLUMNS, FLOATING BOULDERS OR LENSES INTERCALATED WITH CLAY SOIL, A COMMON OCCURRENCE IN CERTAIN REGIONS OF TENNESSEE). FOR CONSTRUCTION PURPOSES, THIS MATERIAL MAY HAVE TO BE EXCAVATED USING A COMBINATION OF EXCAVATION METHODS SUCH AS BLASTING OF ROCK PINNACLES, LAYERS OR BOULDERS ALONG WITH A RIPPING OF WEATHERED ROCK AND EXCAVATING OF SOIL WITH TRACK HOES OR LOADERS ALL WITHIN A LOCALIZED AREA. THIS MATERIAL WOULD NOT BE SUITABLE FOR THE USE OF EXCAVATING PAN TYPE EQUIPMENT.



STABILIZATION ROCK PAD DETAIL
NOT TO SCALE



TYPES OF GEOTEXTILE SEAMS
NOT TO SCALE

SEALED BY

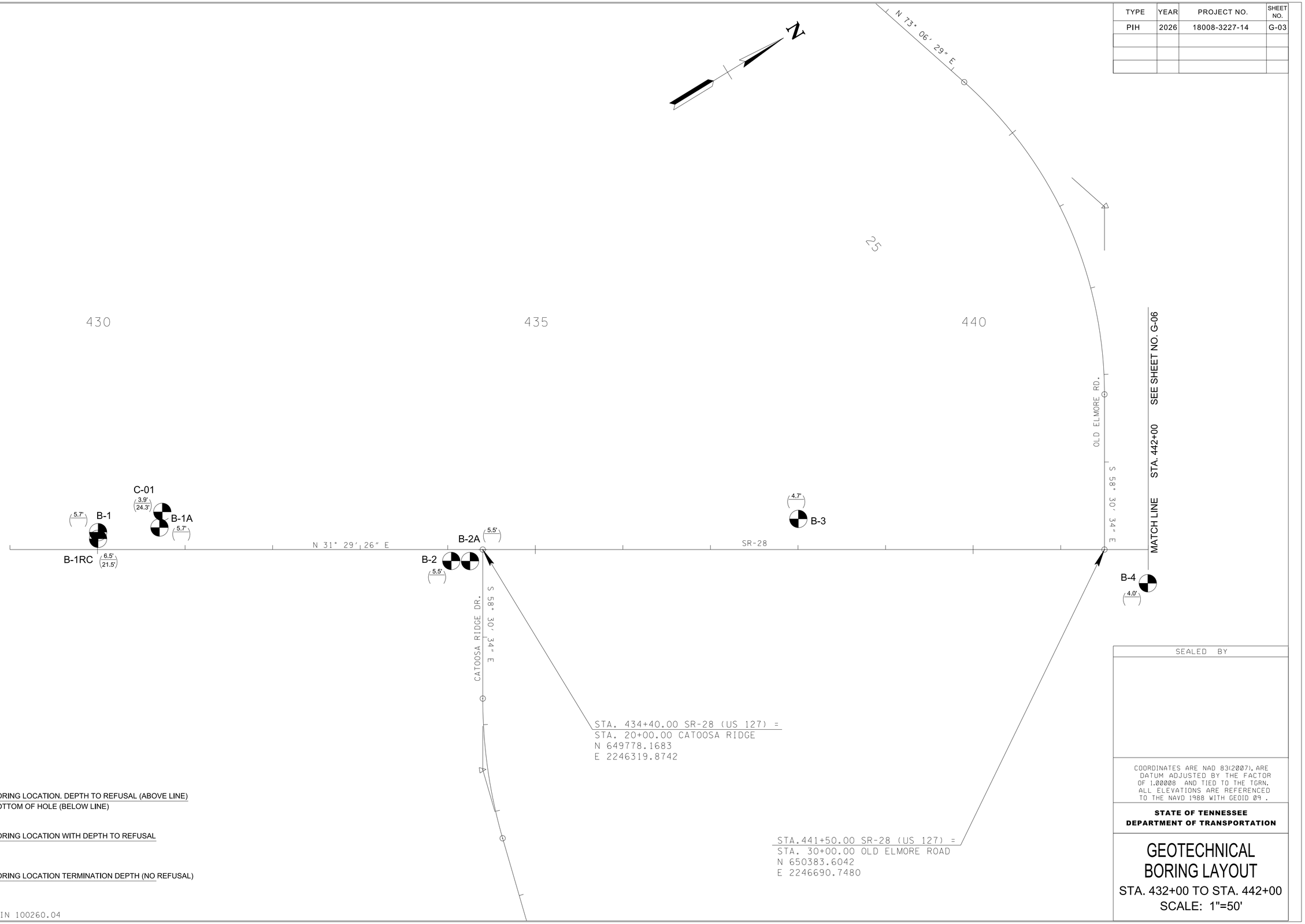
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL NOTES & EST. QTYS.

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-G-02_Notes.dgn

GES No. 1816808 / PIN 100260.04

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-03



LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION, DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

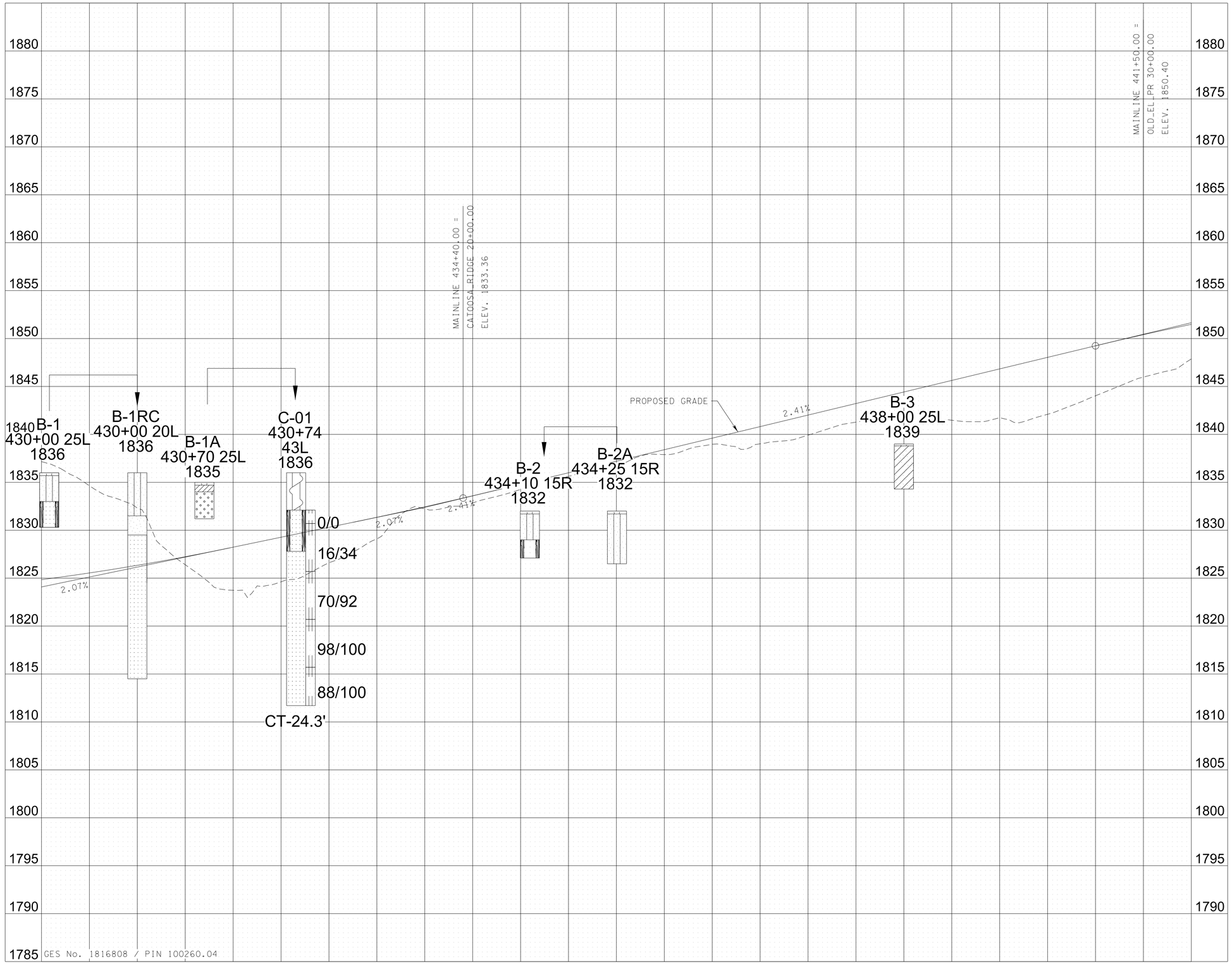
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 432+00 TO STA. 442+00
SCALE: 1"=50'

8/20/2025 1:55:17 PM
T:\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-04.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-04



LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING → ▽
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC → 66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

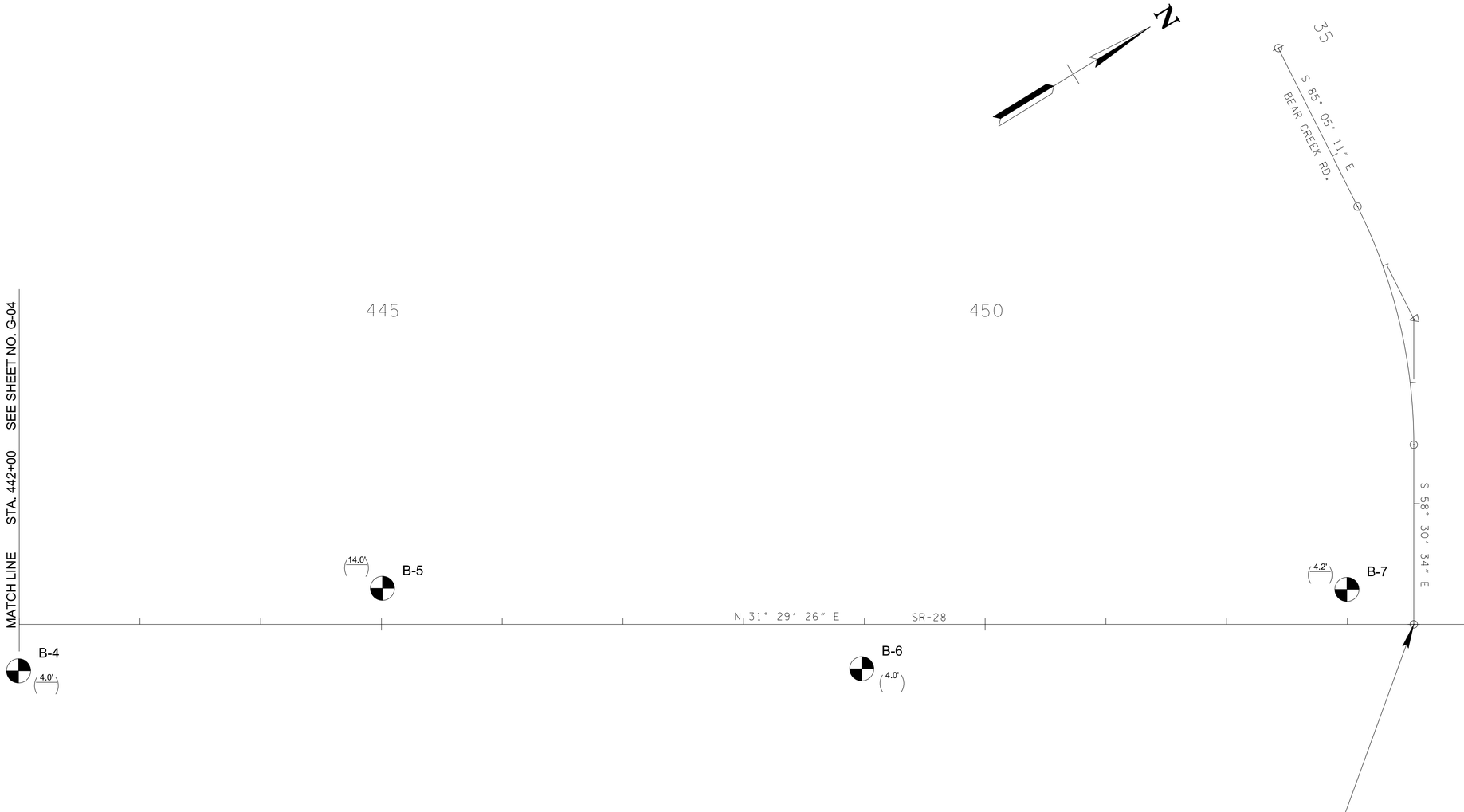
GEOTECHNICAL BORING PROFILE

STA. 432+00 TO STA. 442+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEOICAD\G-Sheets\CUSR028-04.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-05



STA. 453+55.00 SR-28 (US 127) =
STA. 40+00.00 BEAR CREEK ROAD
N 651411.1397
E 2247320.1889

LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

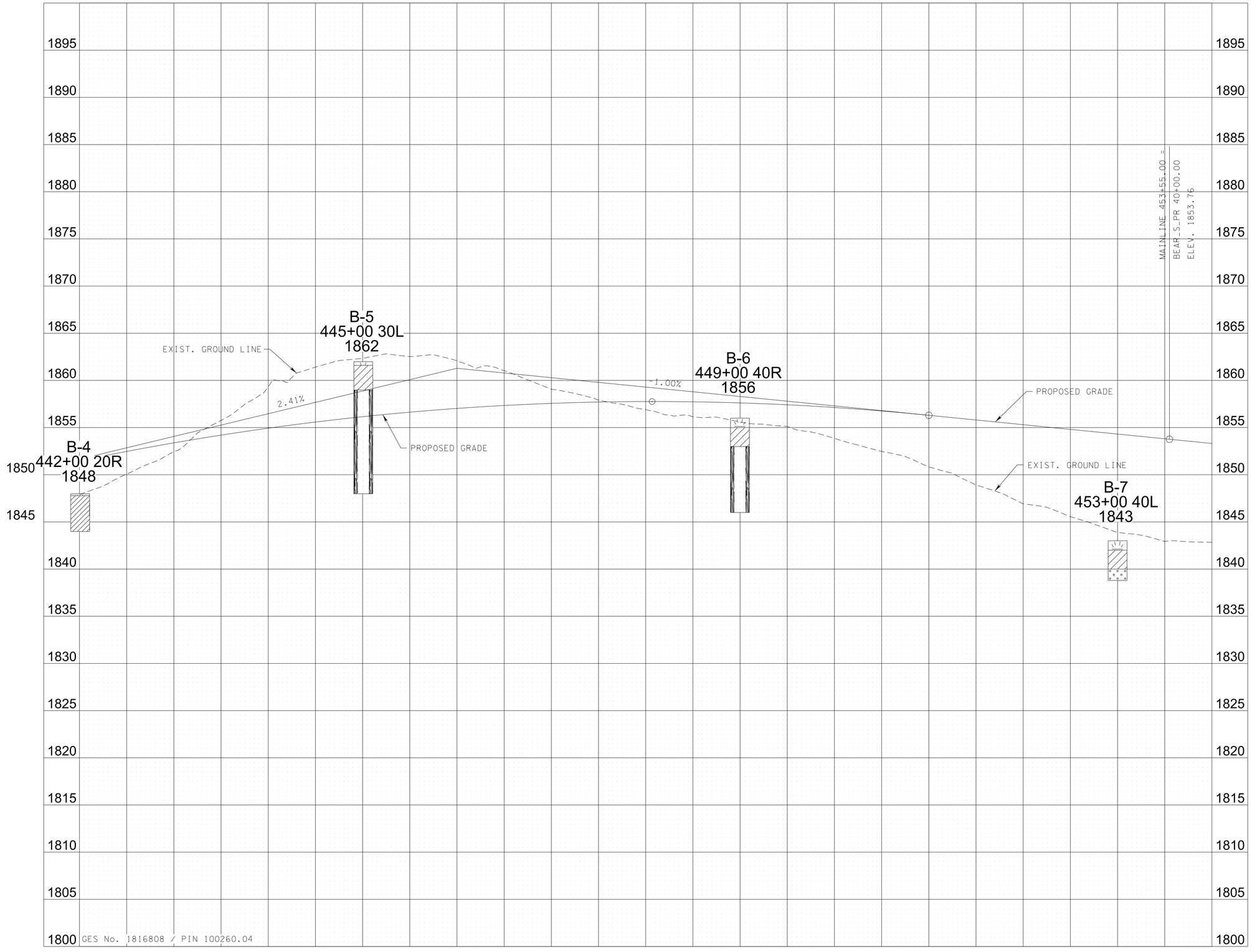
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 442+00 TO STA. 454+00
SCALE: 1"=50'

8/22/2025 8:02:26 AM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-06.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-06



GES No. 1816808 / PIN 100260.04

LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING →
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC →
66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

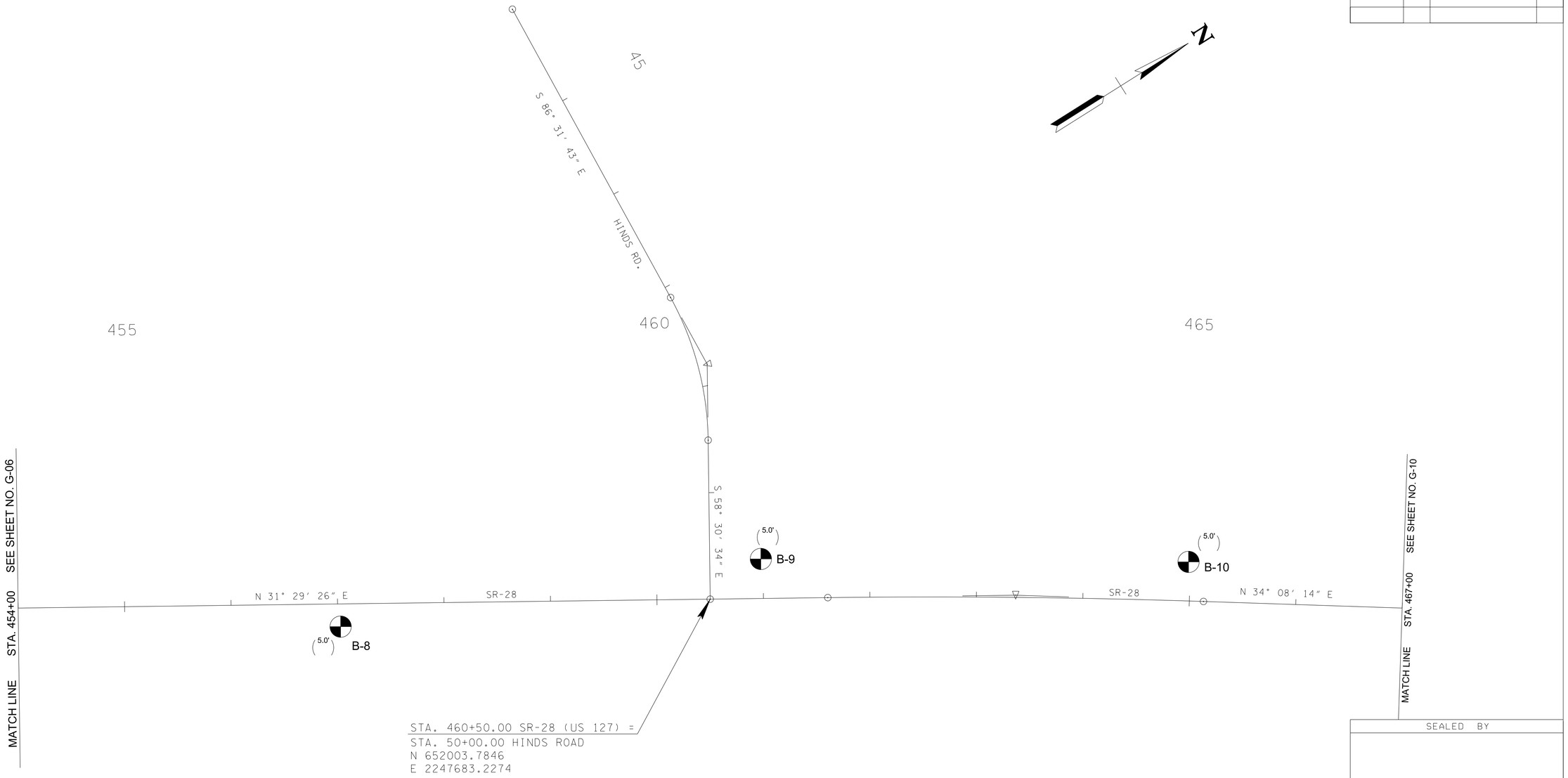
GEOTECHNICAL BORING PROFILE

STA. 442+00 TO STA. 454+00

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

8/20/2025 9:54:03 AM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-07.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-07



LEGEND

- B-1 (24.5′ / 70.3′) — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5′) — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5′) — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

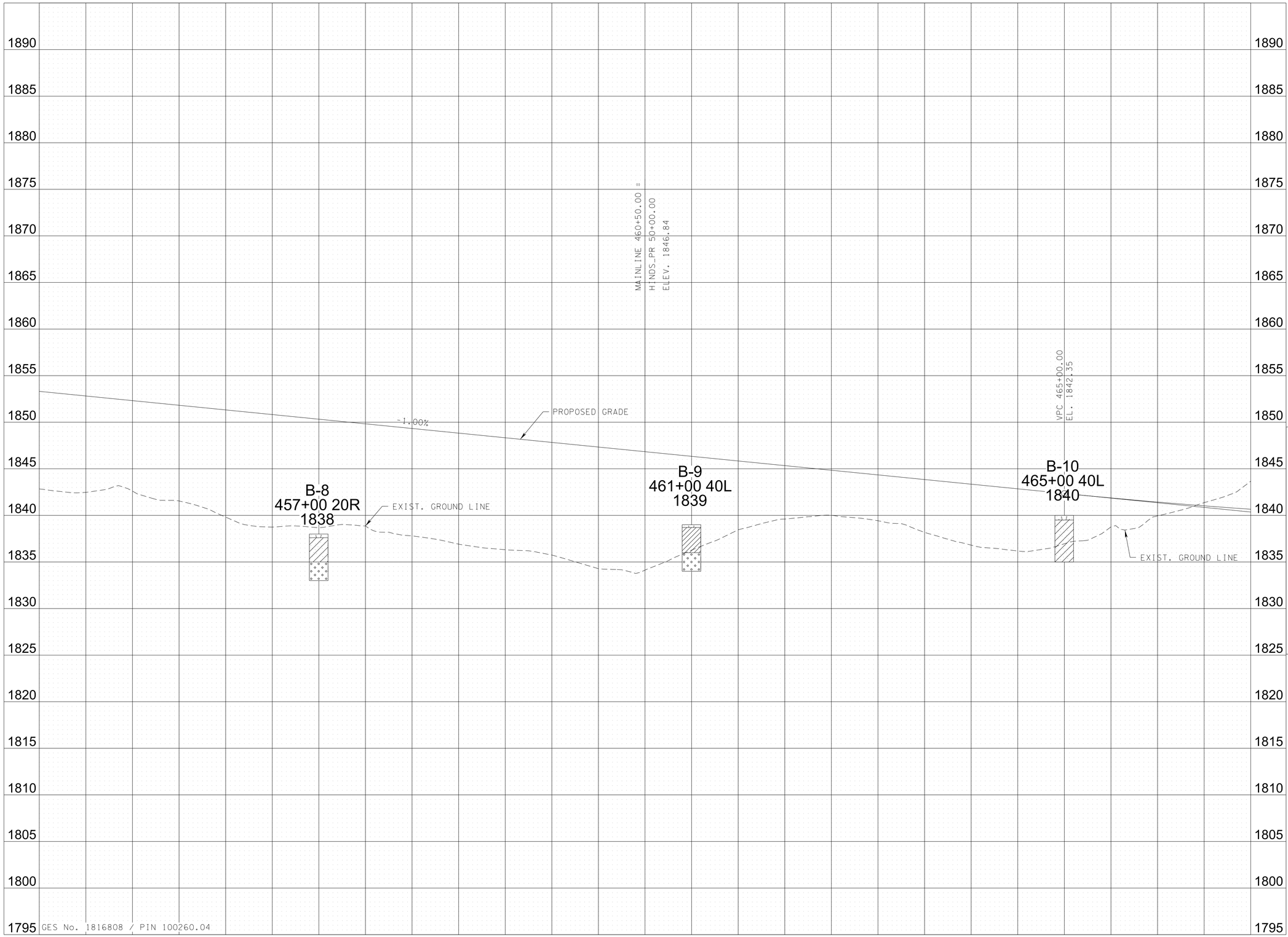
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 454+00 TO STA. 467+00
SCALE: 1"=50'

8/22/2025 8:02:42 AM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025125430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-08.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-08



LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING →
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC →
66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

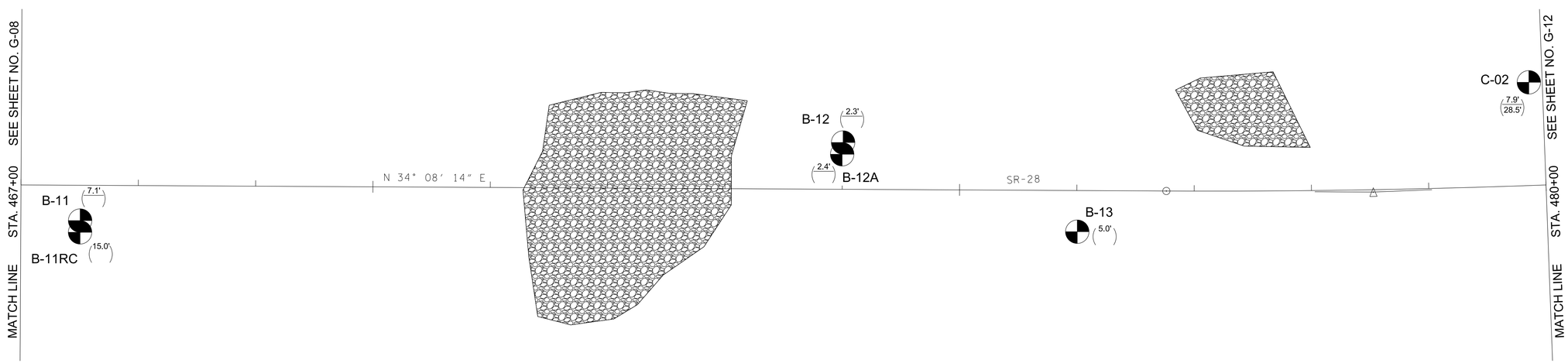
GEOTECHNICAL BORING PROFILE

STA. 442+00 TO STA. 454+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-08.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-09



LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)
- - GRADED SOLID ROCK

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 467+00 TO STA. 480+00
SCALE: 1"=50'

8/22/2025 8:02:58 AM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-10.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-10

VC = 1000.00'
K = 666
V = 60+ MPH

B-11
467+50 30R
1845

B-11RC
467+50 40R
1844

EXIST. GROUND LINE

1.00%

SAG 471+66.67
EL. 1839.04

VPI 470+00.00
EL. 1837.37

0.50%

B-12A
474+00 30L
1838

B-12
474+00 40L
1838

VPT 475+00.00
EL. 1839.87

PROPOSED GRADE

B-13
476+00 40R
1838

0.50%

EXIST. GROUND LINE

C-02
479+86
88L
1838

100/100
56/100
54/100
62/100
30/87

CT-28.5'

GES No. 1816808 / PIN 100260.04

1890 1885 1880 1875 1870 1865 1860 1855 1850 1845 1840 1835 1830 1825 1820 1815 1810 1805 1800 1795

467+00 468+00 469+00 470+00 471+00 472+00 473+00 474+00 475+00 476+00 477+00 478+00 479+00 480+00

LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING → ▽
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC →
5 66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILTSTONE (TYPE B)
- CLAYEY SAND (SC) (TYPE A)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- SILT (ML) (TYPE A)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

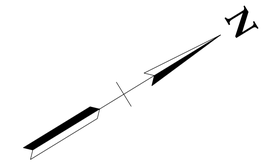
GEOTECHNICAL BORING PROFILE

STA. 442+00 TO STA. 454+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CADIG-Sheets\CUSR028-10.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-11



485

490

MATCH LINE STA. 480+00 SEE SHEET NO. G-10

N 31° 29′ 26″ E

B-15 (5.0′)

S 58° 30′ 34″ E

STA. 484+20.00 SR-28 (US-127) =
STA. 60+00.00 BUCK LANE
N 654012.4914
E 2248995.7974

N 89° 16′ 05″ E
BUCK LANE

SR-28

B-17 (9.9′) (20.9′)
B-17RC

B-17A (20.0′)

MATCH LINE STA. 493+00 SEE SHEET NO. G-14

65

LEGEND

- B-1 (24.5′ / 70.3′) — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5′) — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5′) — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)
- GRADED SOLID ROCK

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

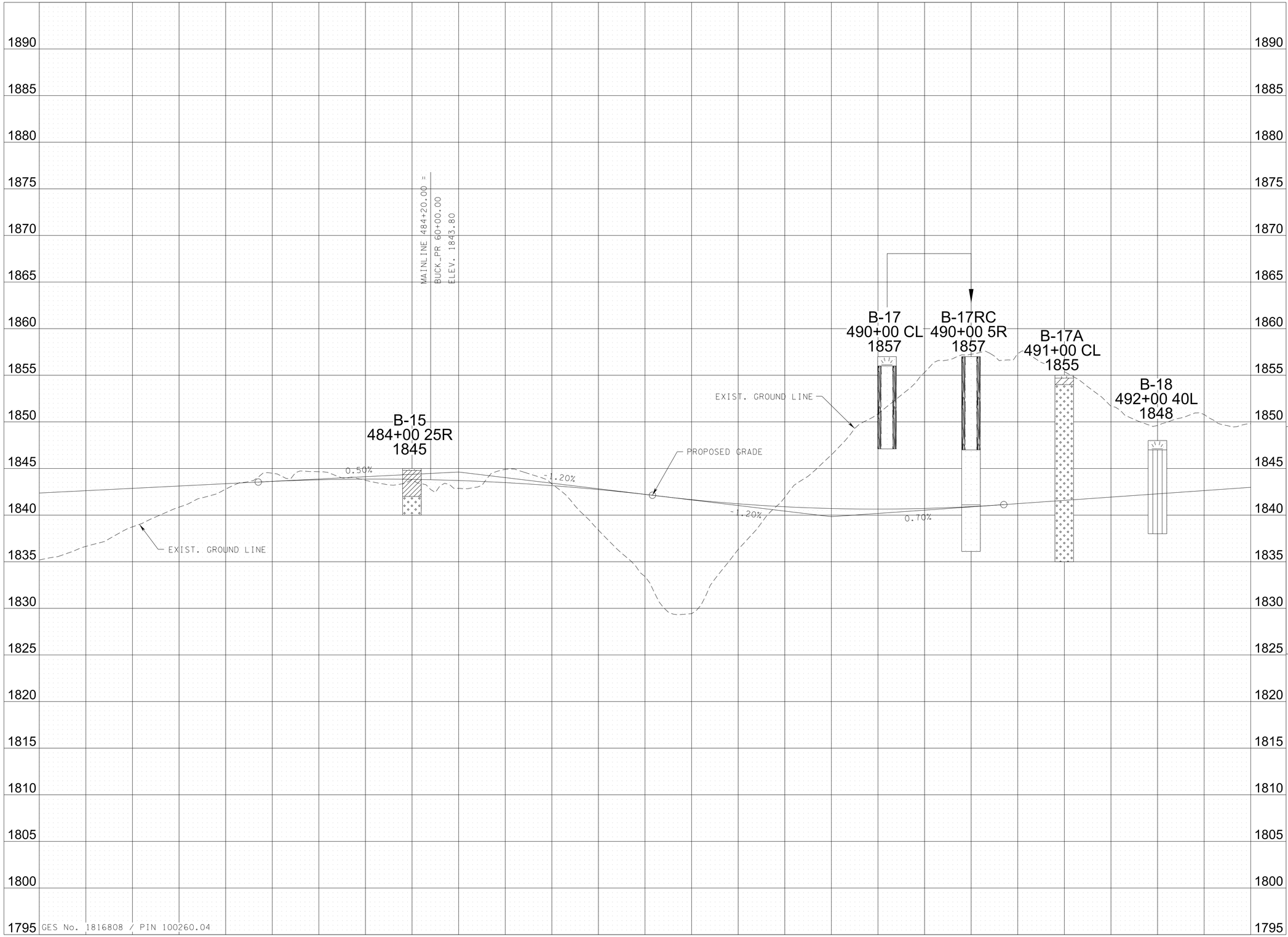
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 480+00 TO STA. 493+00
SCALE: 1"=50'

8/22/2025 8:10:35 AM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025125430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-12.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-12



GES No. 1816808 / PIN 100260.04

LEGEND: BORING PROFILE SYMBOLS

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

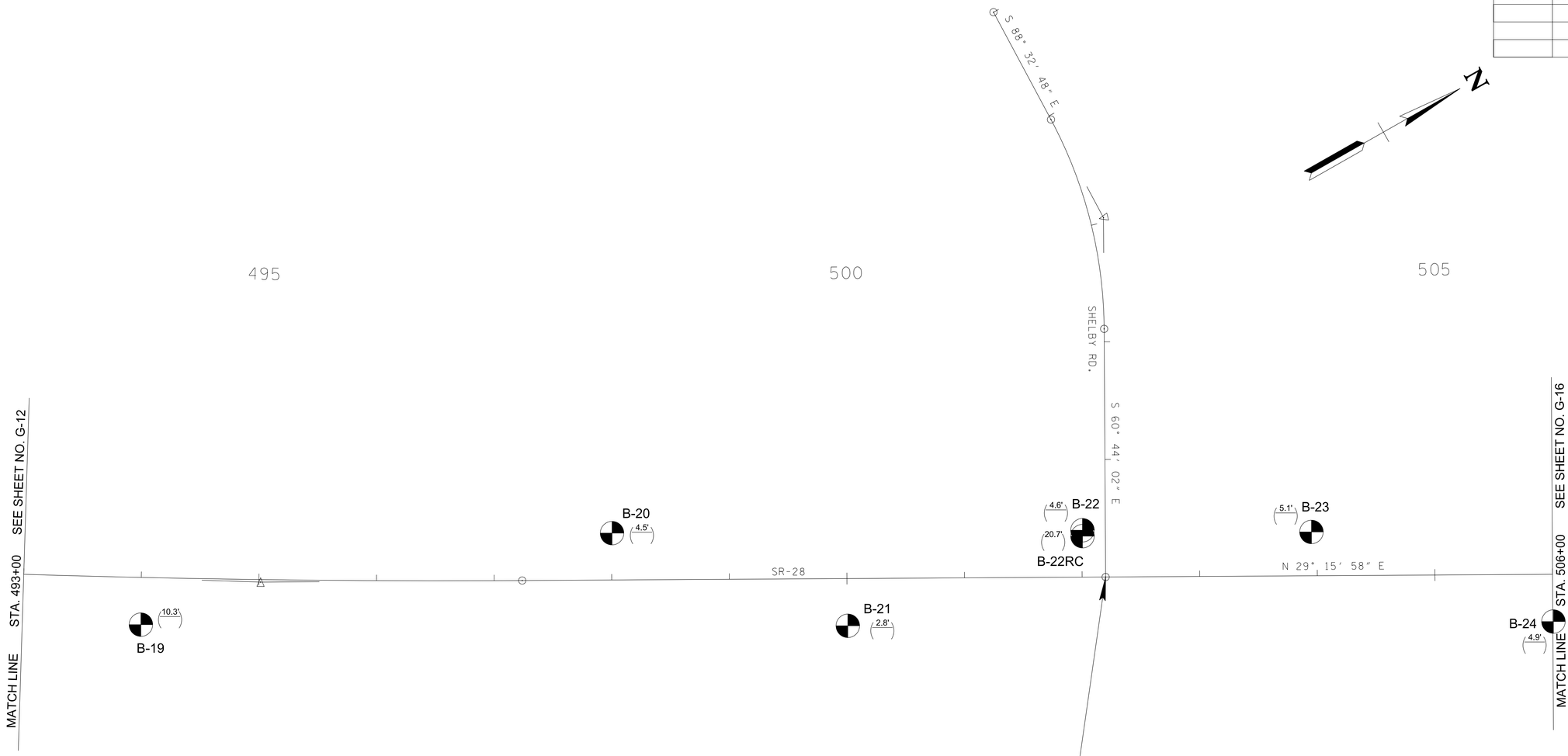
GEOTECHNICAL BORING PROFILE

STA. 480+00 TO STA. 493+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\20251254300092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-12.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-13



STA. 502+20.00 SR-28 (US 127) =
STA. 70+00.00 SHELBY ROAD
N 655570.8662
E 2249915.8890

LEGEND

B-1 (24.5'/70.3') — BORING LOCATION, DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)

B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL

B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

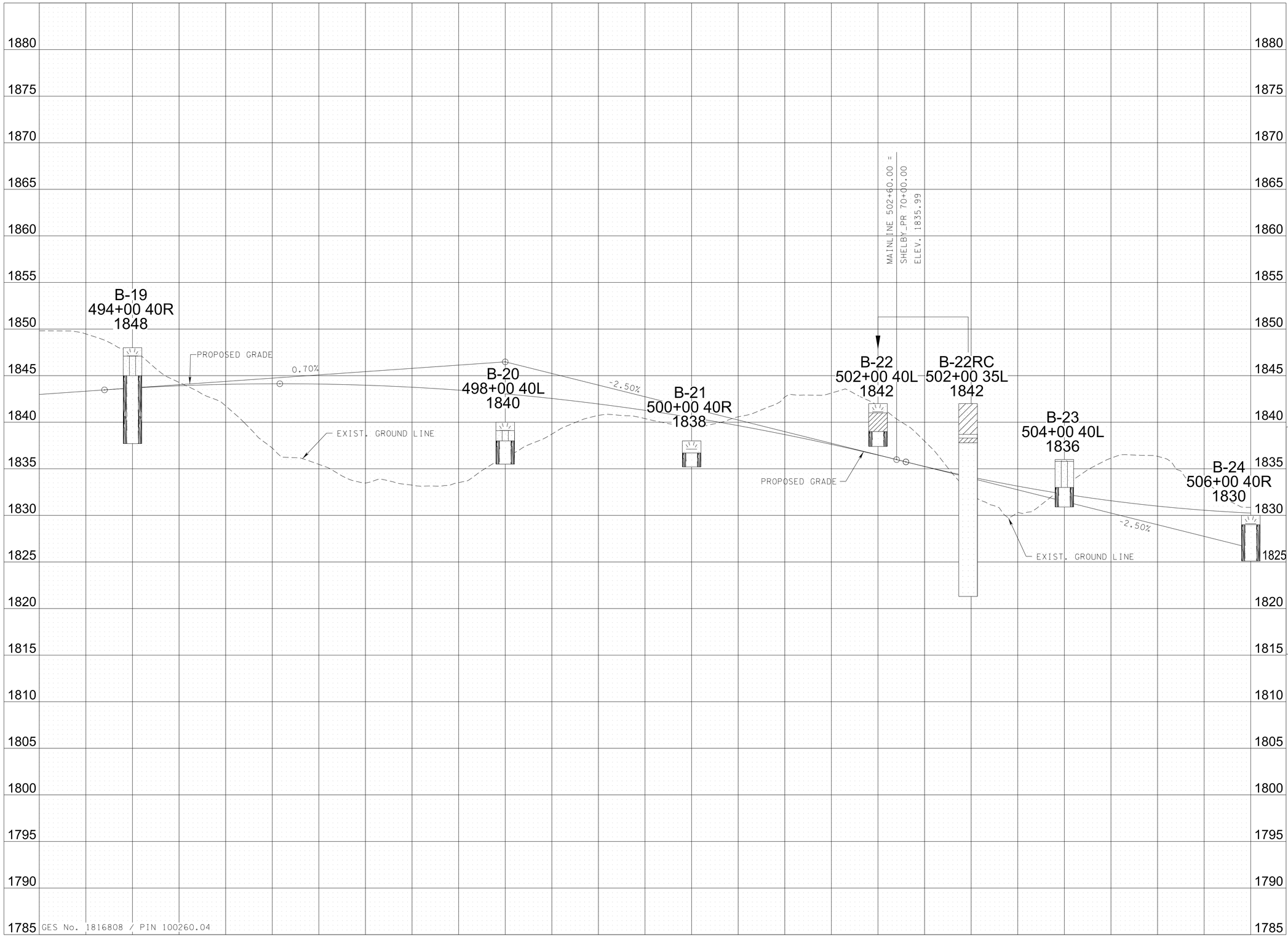
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 493+00 TO STA. 506+00
SCALE: 1"=50'

8/22/2025 8:32:36 AM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-14.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-14



LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING → ▽
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC →
66/100 → RQD/REC
TERMINATION → CT-9.8'
BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILTSTONE (TYPE B)
- CLAYEY SAND (SC) (TYPE A)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- SILT (ML) (TYPE A)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TDRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

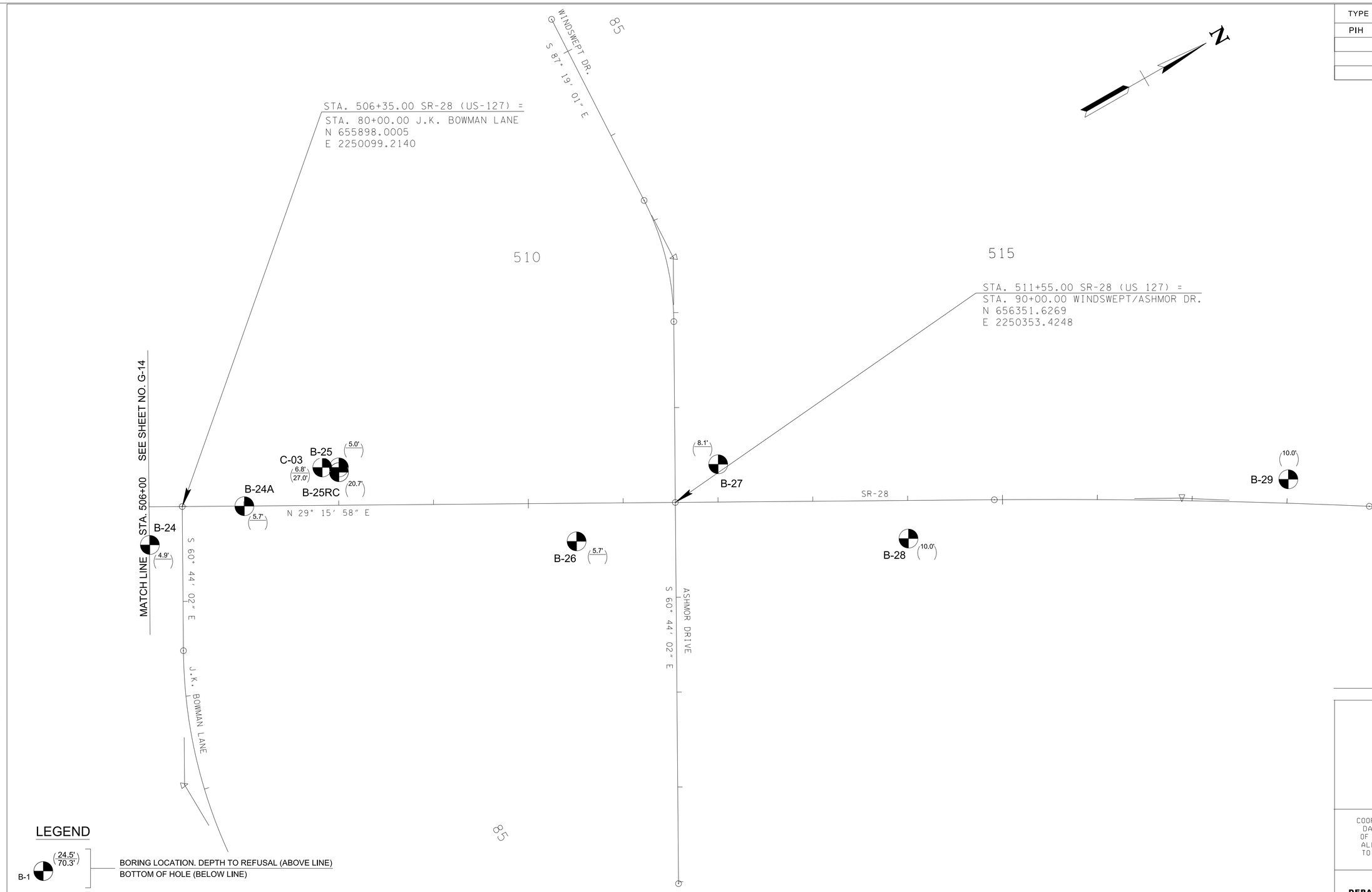
GEOTECHNICAL BORING PROFILE

STA. 493+00 TO STA. 506+00

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

8/27/2025 2:22:17 PM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\2543009 2_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-15.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-15



LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

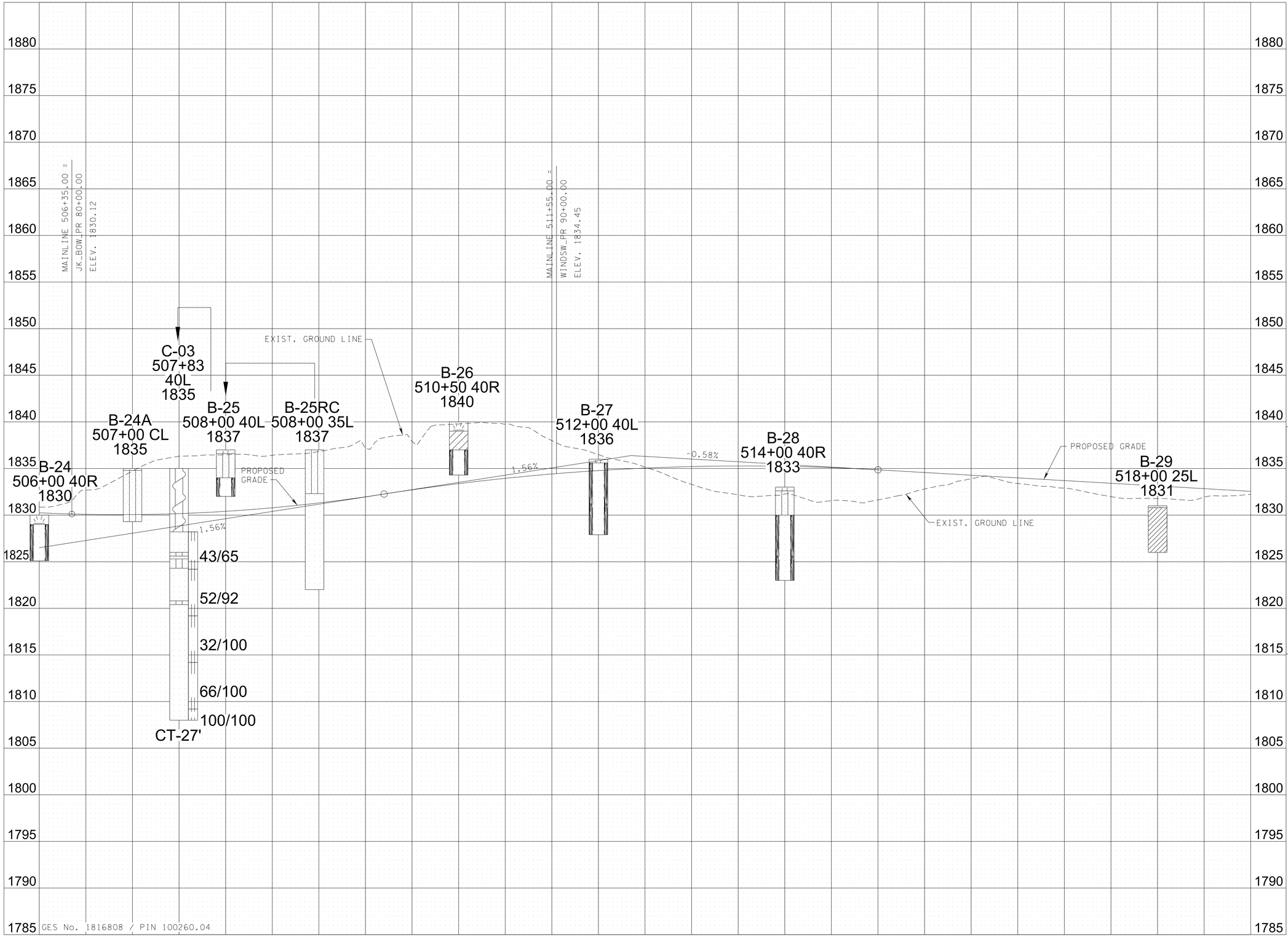
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

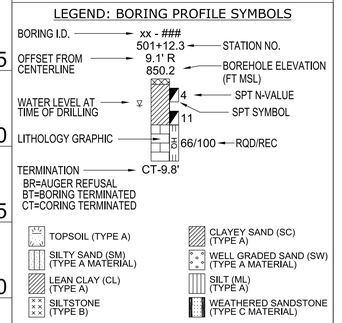
STA. 506+00 TO STA. 519+00
SCALE: 1"=50'

8/22/2025 8:31:21 AM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-16.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-16



LEGEND: BORING PROFILE SYMBOLS



SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

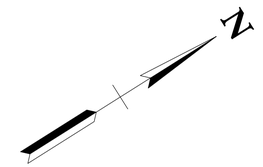
GEOTECHNICAL BORING PROFILE

STA. 506+00 TO STA. 519+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CADIG-Sheets\CUSR028-16.sht

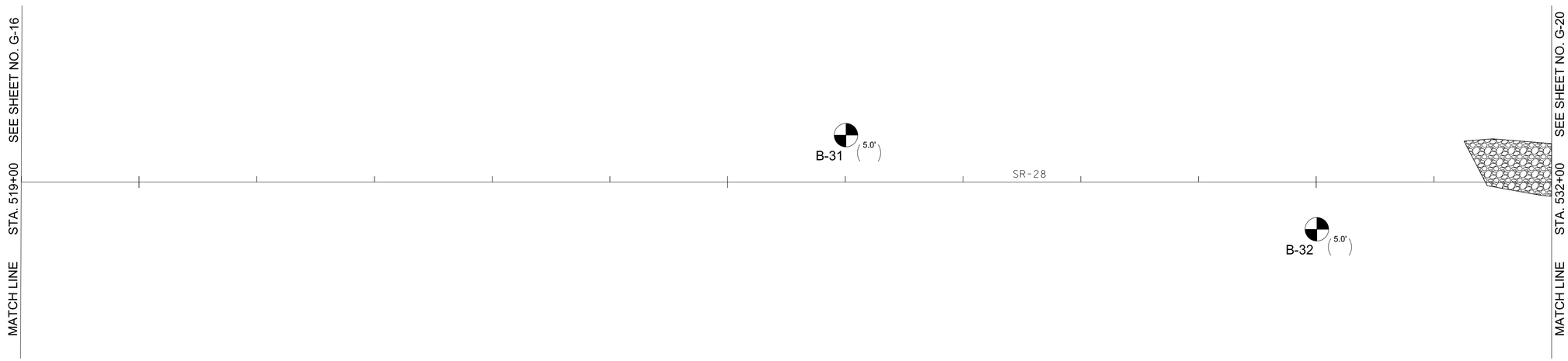
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-17



520

525

530



LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION, DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)
- - GRADED SOLID ROCK

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

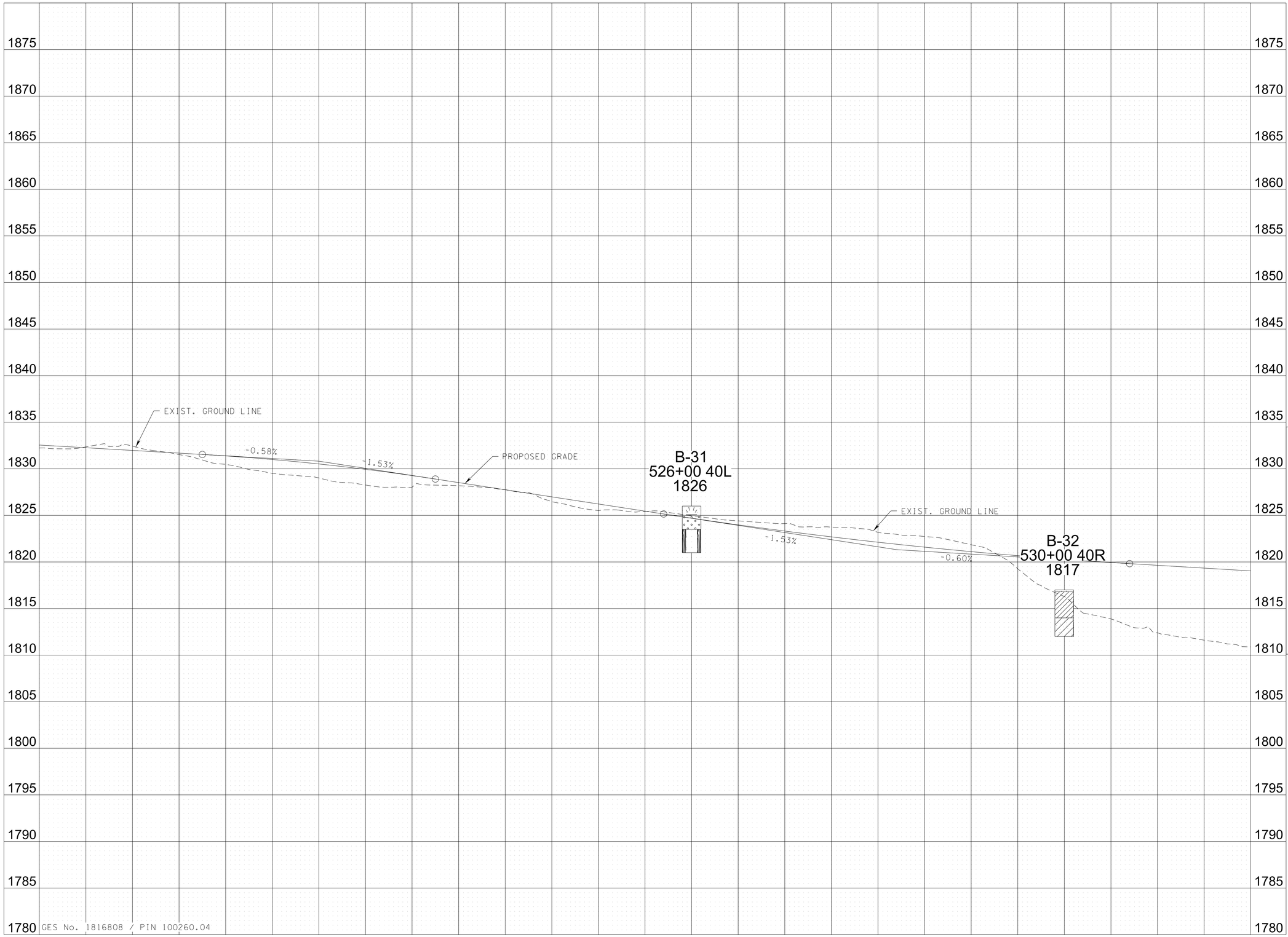
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 519+00 TO STA. 532+00
SCALE: 1"=50'

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-17.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-18



GES No. 1816808 / PIN 100260.04

LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING → ▽
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC → 66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

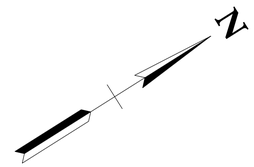
GEOTECHNICAL BORING PROFILE

STA. 519+00 TO STA. 532+00

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

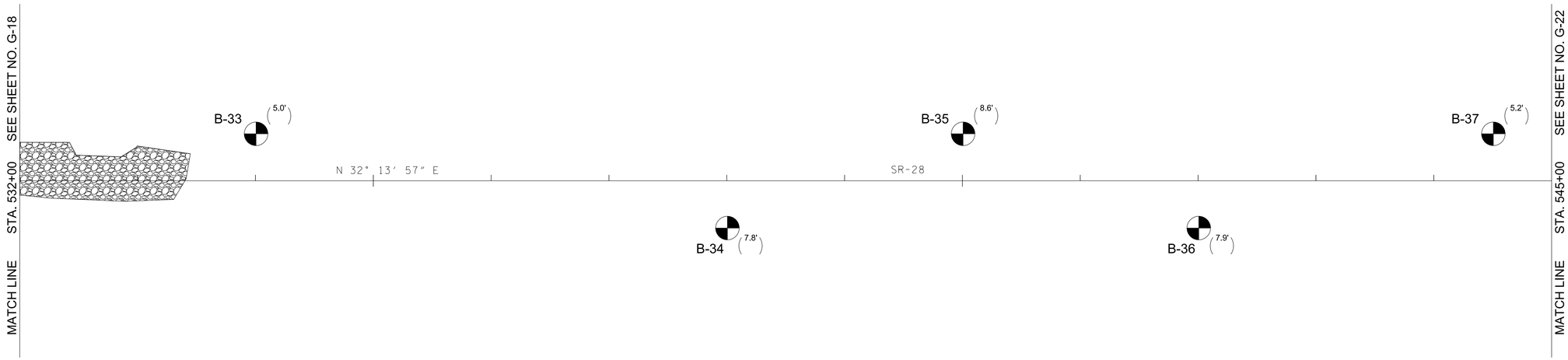
1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-18.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-19



535

540



LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)
- - GRADED SOLID ROCK

SEALED BY

COORDINATES ARE NAD 83(2007). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

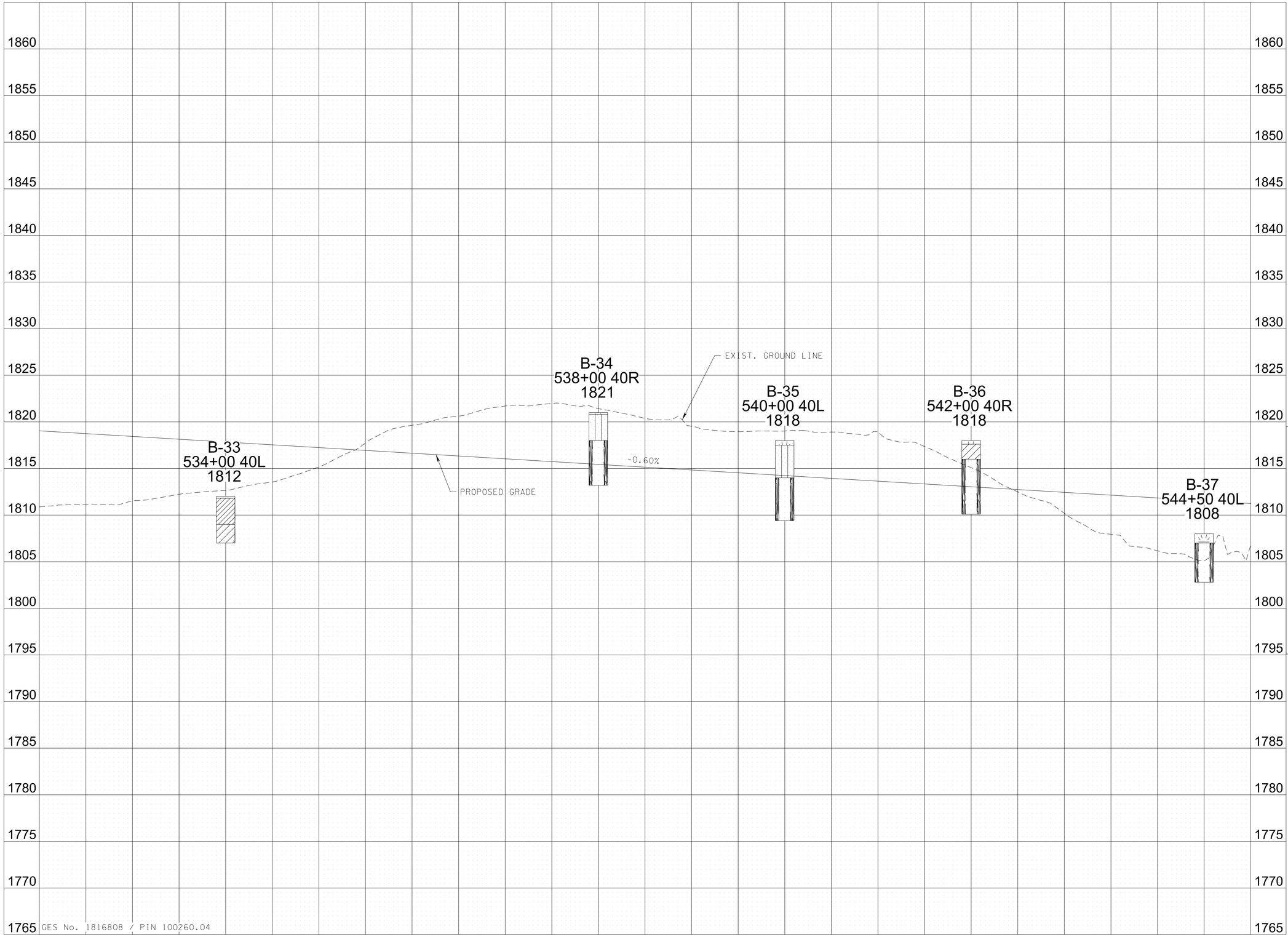
GEOTECHNICAL BORING LAYOUT

STA. 532+00 TO STA. 545+00
SCALE: 1"=50'

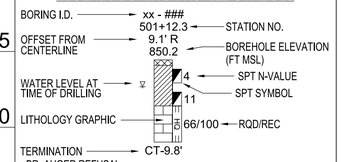
GES No. 1816808 / PIN 100260.04

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-19.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-20



LEGEND: BORING PROFILE SYMBOLS



BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING PROFILE

STA. 532+00 TO STA. 545+00

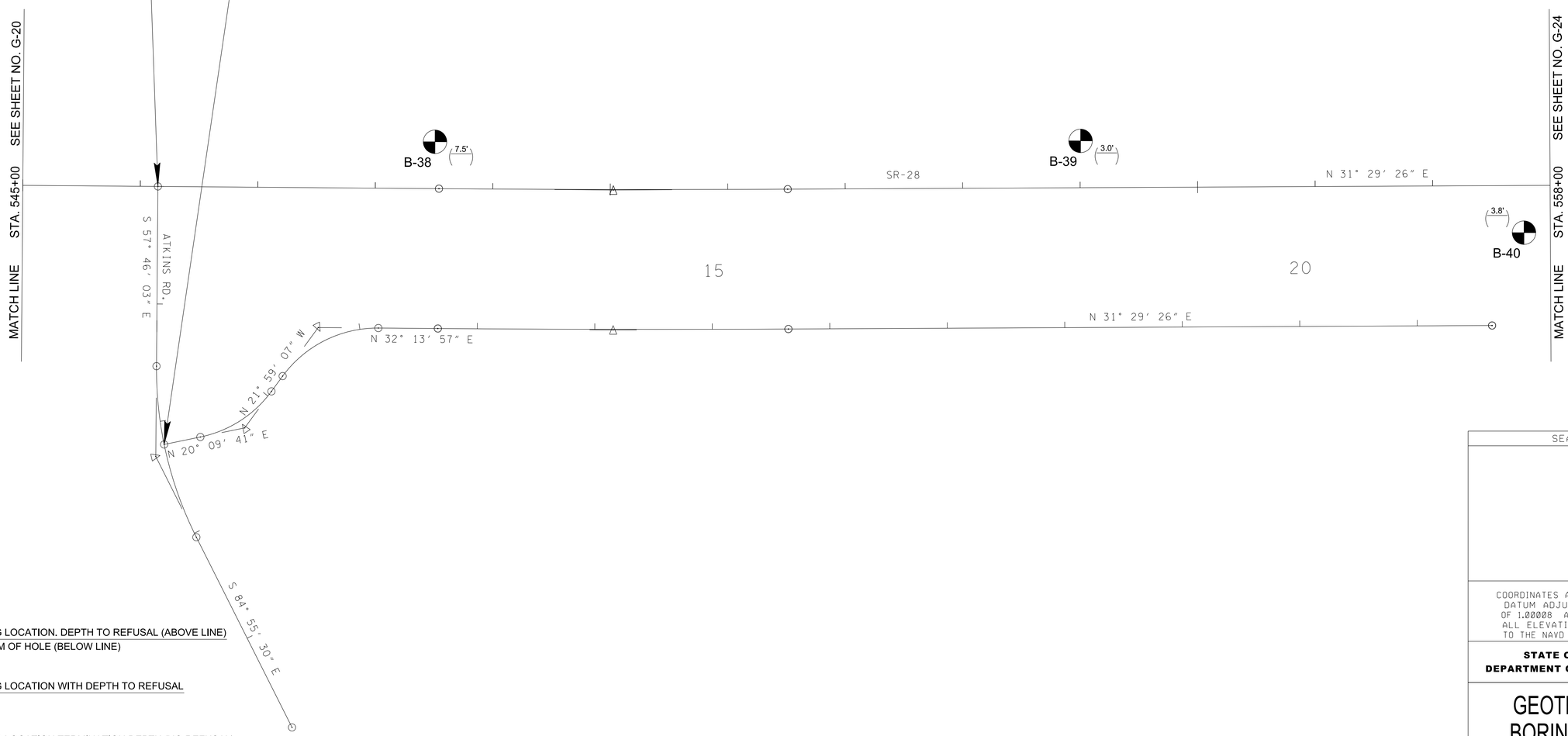
SCALE: 1"= 50' HORIZ.
1"=5 ' VERT.

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\20251254300092_HMB_SR-28 Realignment Cumberland\GEO\CADD\G-Sheets\G-20.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-21

STA. 546+15.00 SR-28 (US 127)=
STA. 100+00.00 ATKINS ROAD
N 659292.6200
E 2252175.1224

STA. 102+20.00 ATKINS ROAD =
STA. 10+00.00 FRONTAGE ROAD
N 659181.4990
E 2252364.5534



LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

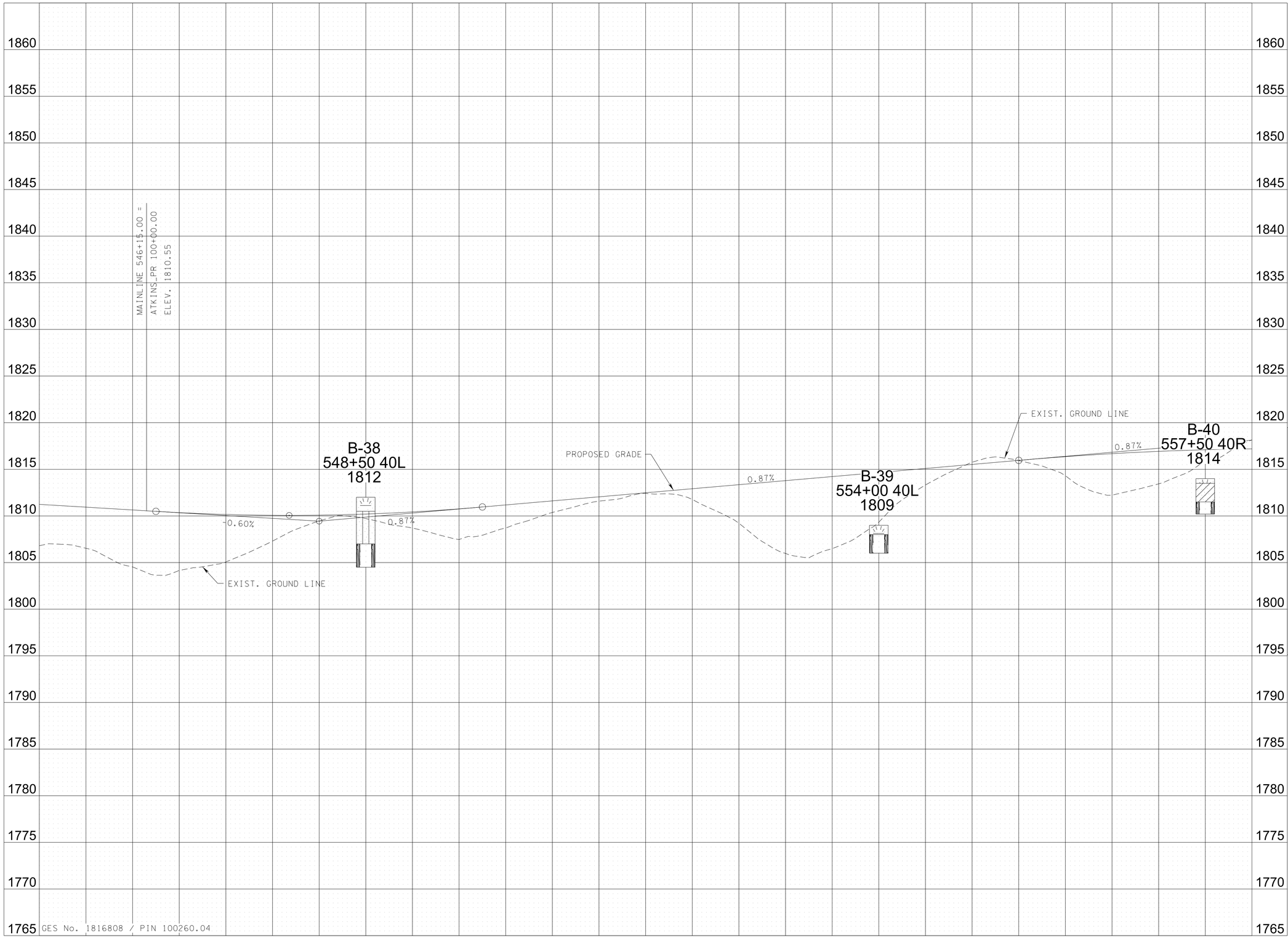
GEOTECHNICAL BORING LAYOUT

STA. 545+00 TO STA. 558+00
SCALE: 1"=50'

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\20251254300092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-21.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-22

MAINLINE 546+15.00 =
ATKINS_PR 100+00.00
ELEV. 1810.55



LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING →
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC →
5 66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILTSTONE (TYPE B)
- CLAYEY SAND (SC) (TYPE A)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- SILT (ML) (TYPE A)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

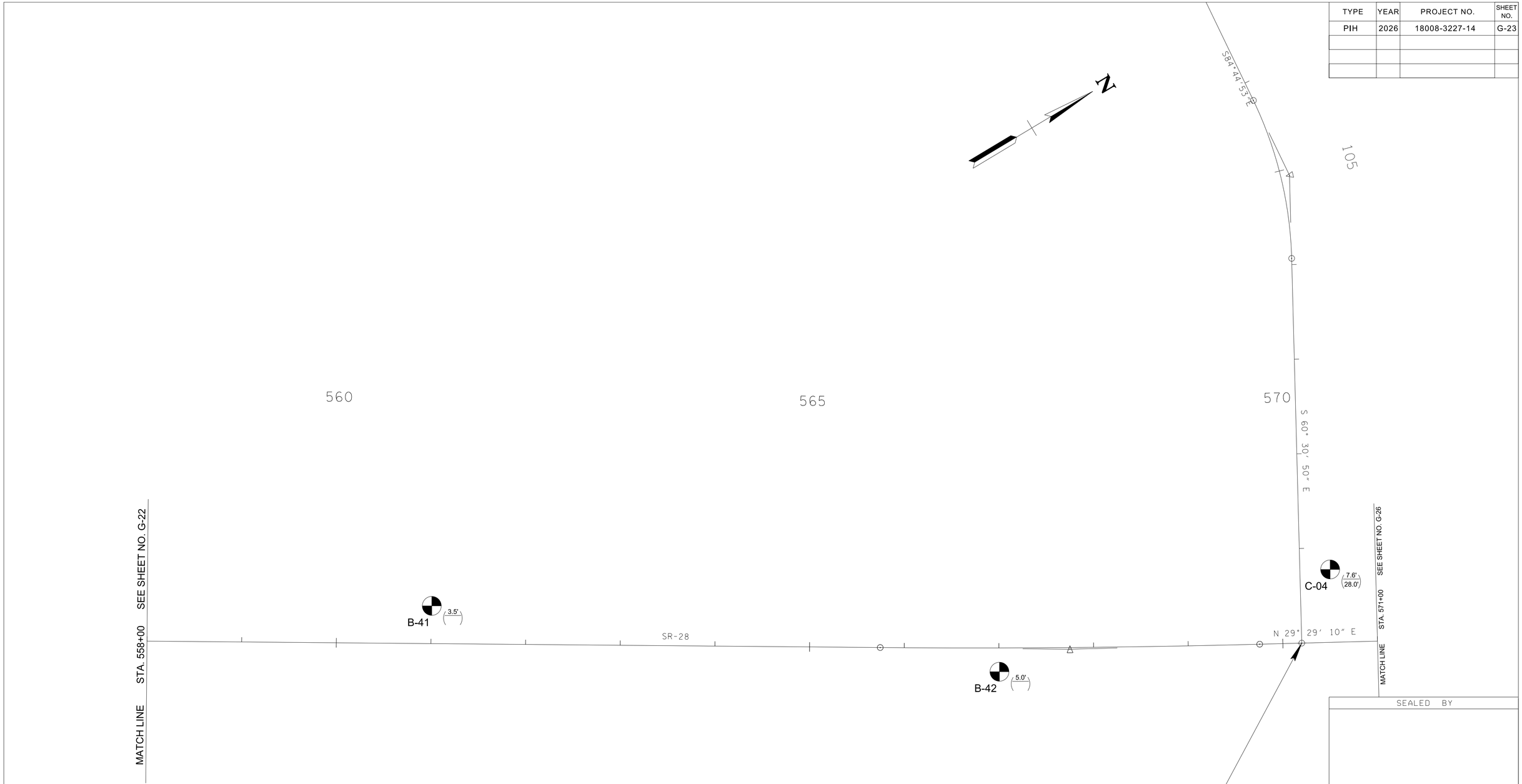
GEOTECHNICAL BORING PROFILE

STA. 545+00 TO STA. 558+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CADD\G-Sheets\CUSR028-22.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-23



LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

STA. 570+20.00 SR-28 (US 127)=
STA. 110+00.00 BEAR CREEK ROAD
N 661345.1632
E 2253428.2958

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

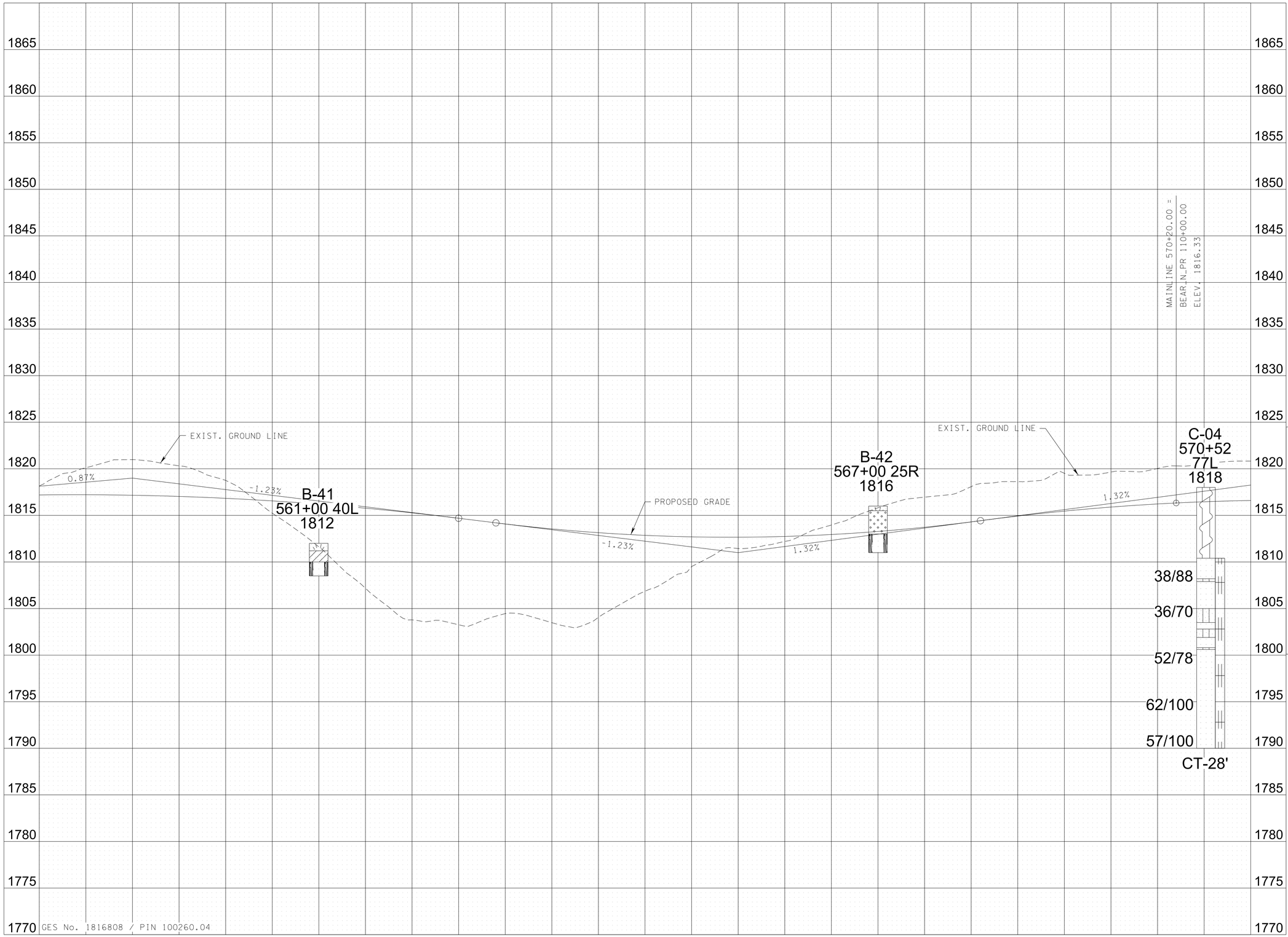
GEOTECHNICAL BORING LAYOUT

STA. 558+00 TO STA. 571+00
SCALE: 1"=50'

GES No. 1816808 / PIN 100260.04

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-23.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-24



GES No. 1816808 / PIN 100260.04

LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC
66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

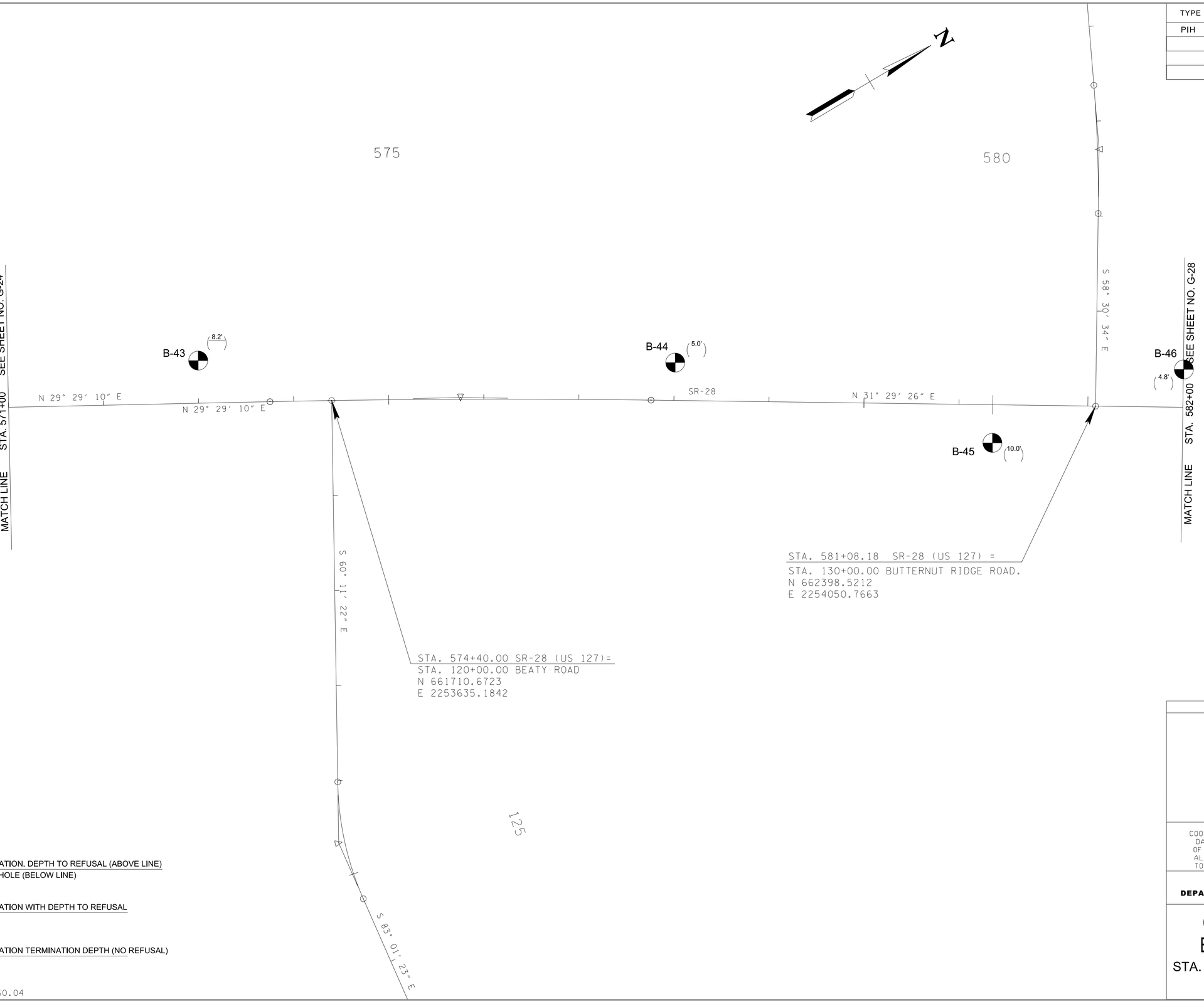
GEOTECHNICAL BORING PROFILE

STA. 558+00 TO STA. 571+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-24.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-25



LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

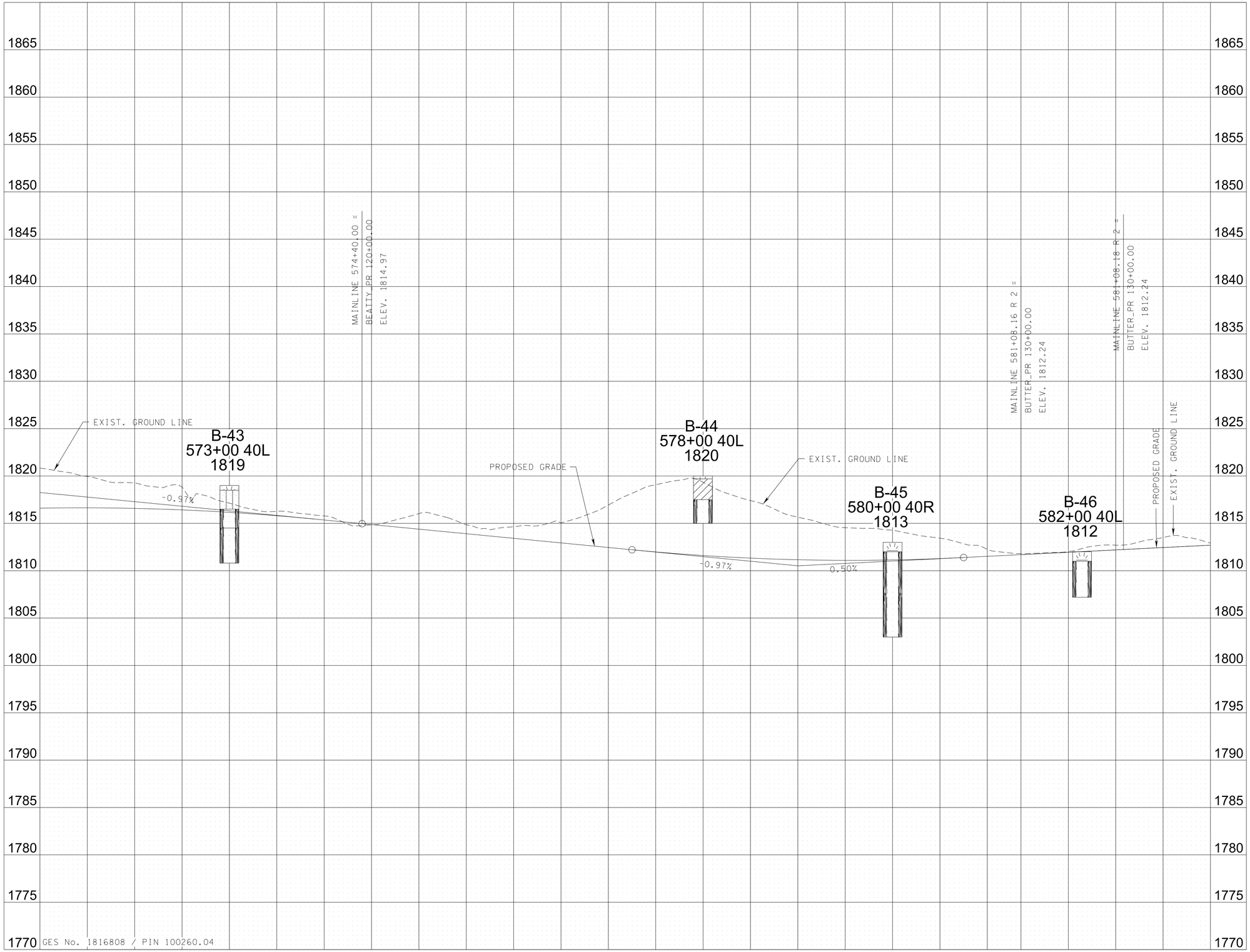
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 571+00 TO STA. 582+00
SCALE: 1"=50'

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-25.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-26



LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING → ▽
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC → 66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

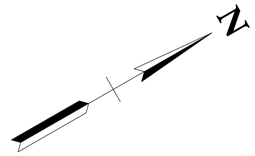
GEOTECHNICAL BORING PROFILE

STA. 571+00 TO STA. 582+00

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

8/27/2025 11:29:11 AM
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-27.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-27



STA. 592+50.00 SR-28 (US 127) =
STA. 140+00.00 N. LOWE ROAD.
N 663379.5967
E 2254634.4477

585

590

SEE SHEET NO. G-26

MATCH LINE

STA. 582+00

B-46 (4.8')

N 31° 29′ 26″ E

SR-28

B-47 (6.3')

B-49 (6.0')

B-50 (6.9')

STA. 595+00

SEE SHEET NO. G-30

MATCH LINE

S 68° 29′ 45″ E

N. LOWE ROAD

S 66° 50′ 28″ E

LEGEND

- B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)
- B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL
- B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

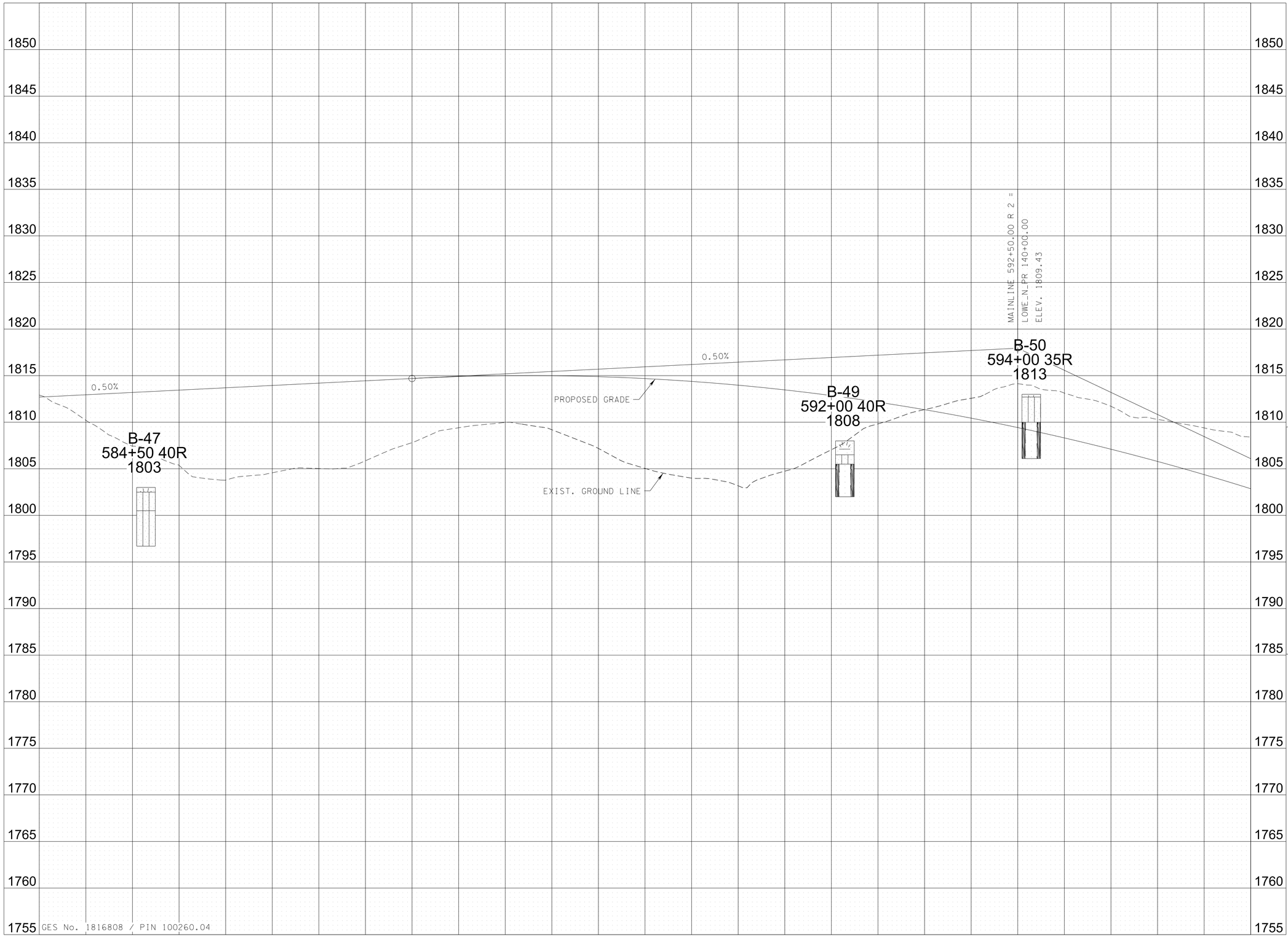
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 582+00 TO STA. 595+00
SCALE: 1"=50'

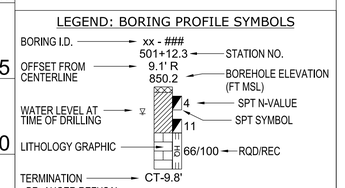
1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEOICAD\G-Sheets\CUSR028-27.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-28



GES No. 1816808 / PIN 100260.04

LEGEND: BORING PROFILE SYMBOLS



- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

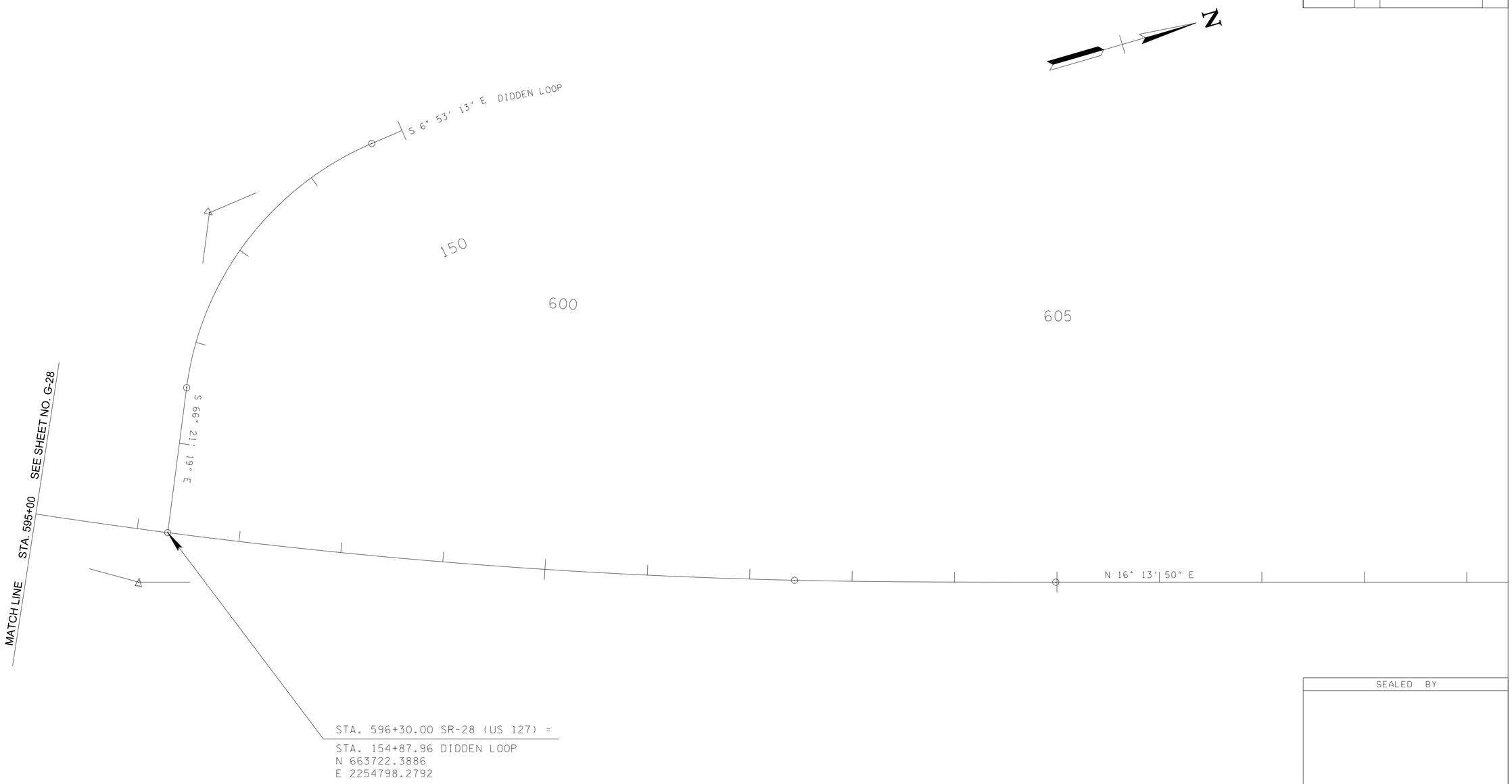
GEOTECHNICAL BORING PROFILE

STA. 571+00 TO STA. 582+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-28.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-29



LEGEND

B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE) / BOTTOM OF HOLE (BELOW LINE)

B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL

B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

GES No. 1816808 / PIN 100260.04

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING LAYOUT

STA. 595+00 TO STA. 606+60
SCALE: 1"=50'

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025125430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-29.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-30

MAINLINE 596+30.00 R 2 =
DIDDEN_LOOP_PR 154+87.96
ELEV. 1798.45

-4.74%

PROPOSED GRADE

TIE TO ADJACENT PROJECT
PIN NO. 100260.05
STA. 606+00.00

-4.74%

FINISHED GRADE
OF ADJ. PROJECT
PIN NO. 100260.05

1.11%

EXIST. GROUND LINE

GES No. 1816808 / PIN 100260.04

1825 1820 1815 1810 1805 1800 1795 1790 1785 1780 1775 1770 1765 1760 1755 1750 1745 1740 1735 1730

595+00 R2 596+00 R2 597+00 R2 598+00 R2 599+00 R2 600+00 R2 601+00 R2 602+00 R2 603+00 R2 604+00 R2 605+00 R2 606+00 R2 607+00 R2 608+00 R2

LEGEND: BORING PROFILE SYMBOLS

BORING I.D. → xx - ###
501+12.3 → STATION NO.
OFFSET FROM CENTERLINE → 9.1' R
850.2 → BOREHOLE ELEVATION (FT MSL)
WATER LEVEL AT TIME OF DRILLING → ▽
4 → SPT N-VALUE
11 → SPT SYMBOL
LITHOLOGY GRAPHIC → 66/100 → RQD/REC
TERMINATION → CT-9.8'

BR=AUGER REFUSAL
BT=BORING TERMINATED
CT=CORING TERMINATED

- TOPSOIL (TYPE A)
- CLAYEY SAND (SC) (TYPE A)
- SILTY SAND (SM) (TYPE A MATERIAL)
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- LEAN CLAY (CL) (TYPE A)
- SILT (ML) (TYPE A)
- SILTSTONE (TYPE B)
- WEATHERED SANDSTONE (TYPE C MATERIAL)

SEE GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET FOR DEFINITION OF TERMS USED FOR EARTHWORK GRADING CALCULATIONS.

SEALED BY

COORDINATES ARE NAD 83(2007), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 09 .

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

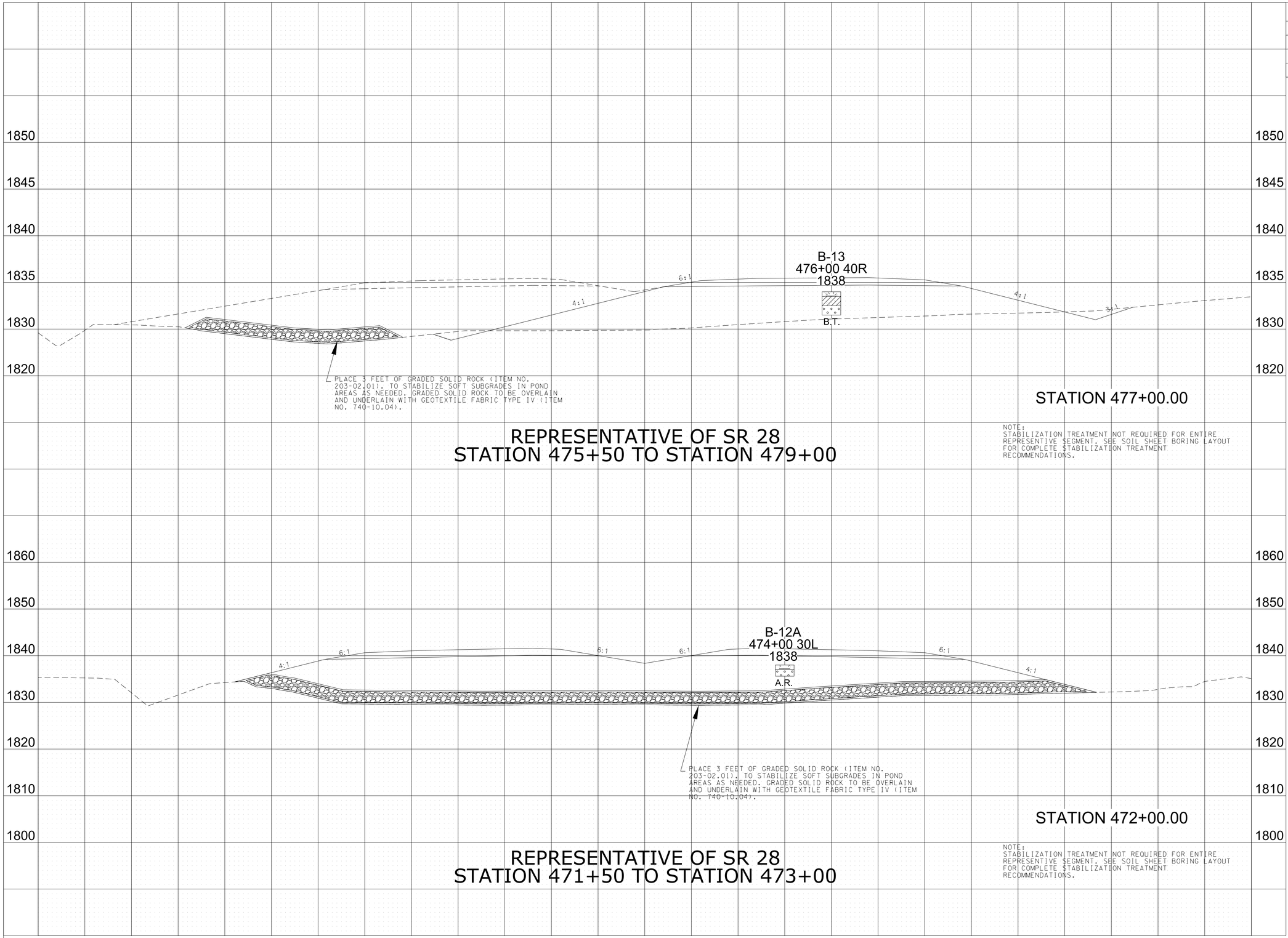
GEOTECHNICAL BORING PROFILE

STA. 571+00 TO STA. 582+00

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

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-30.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-31



LEGEND:

- GRADED SOLID ROCK
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- CLAYEY SAND (SC) (TYPE A)
- COMPACTED SOIL FILL
- TOPSOIL (TYPE A)
- LEAN CLAY (CL) (TYPE A)
- WEATHERED SANDSTONE (TYPE C MATERIAL)
- A.R. AUGER REFUSAL
- B.T. BORING TERMNATED

TYPE MATERIAL - SEE DEFINITION OF EARTHWORK ON GEOTECHNICAL NOTES & TAB QUANTIES SHEET

SEALED BY

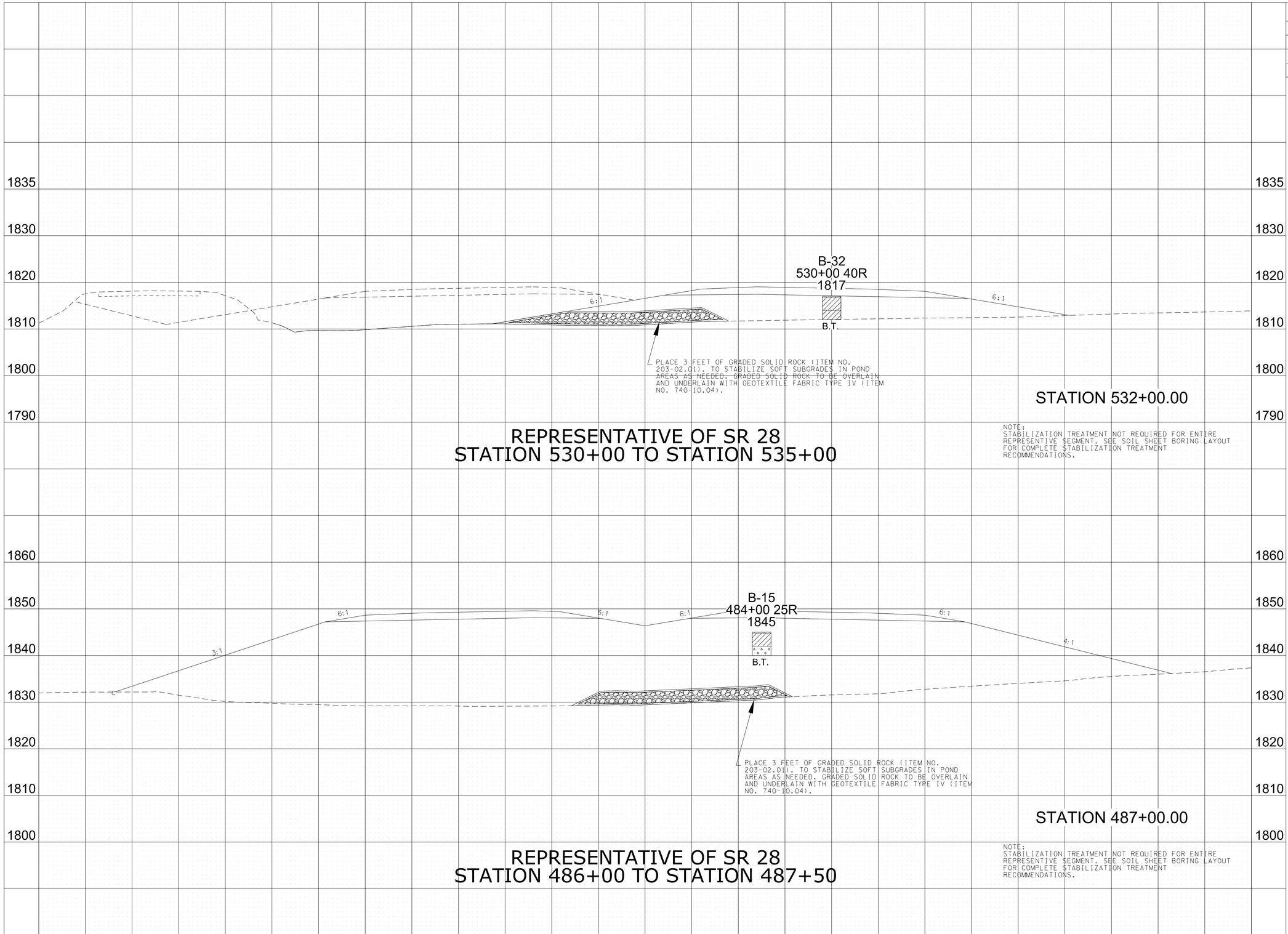
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL
TYPICAL SECTIONS

GES No. 1816808 / PIN 100260.04

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-G-31-32_TYP-XS-GEOTECH.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	18008-3227-14	G-32



REPRESENTATIVE OF SR 28
STATION 530+00 TO STATION 535+00

NOTE:
STABILIZATION TREATMENT NOT REQUIRED FOR ENTIRE REPRESENTIVE SEGMENT. SEE SOIL SHEET BORING LAYOUT FOR COMPLETE STABILIZATION TREATMENT RECOMMENDATIONS.

REPRESENTATIVE OF SR 28
STATION 486+00 TO STATION 487+50

NOTE:
STABILIZATION TREATMENT NOT REQUIRED FOR ENTIRE REPRESENTIVE SEGMENT. SEE SOIL SHEET BORING LAYOUT FOR COMPLETE STABILIZATION TREATMENT RECOMMENDATIONS.

LEGEND:

- GRADED SOLID ROCK
- WELL GRADED SAND (SW) (TYPE A MATERIAL)
- CLAYEY SAND (SC) (TYPE A)
- COMPACTED SOIL FILL
- TOPSOIL (TYPE A)
- LEAN CLAY (CL) (TYPE A)
- WEATHERED SANDSTONE (TYPE C MATERIAL)
- A.R. AUGER REFUSAL
- B.T. BORING TERMNATED

TYPE MATERIAL - SEE DEFINITION OF EARTHWORK ON GEOTECHNICAL NOTES & TAB QUANTIES SHEET

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL
TYPICAL SECTIONS

GES No. 1816808 / PIN 100260.04

1/29/2026
\\EgnyteDrive\Ops\Knoxville-1430\Projects\2025\25430092_HMB_SR-28 Realignment Cumberland\GEO\CAD\G-Sheets\CUSR028-G-31-32_TYP-XS-GEOTECH.dgn