THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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OHM ADVISORS
1760 MORIAH WOODS BLVD., SUITE 1
MEMPHIS, TN 38117
TECK TANG, P.E. NO. 101187

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
STANDARD ROADWAY DRAWINGS	1A1, 1A2
STANDARD TRAFFIC DESIGN DRAWINGS	1A3
STANDARD STRUCTURE DRAWINGS	1A4
PROJECT COMMITMENTS	1B
ESTIMATED ROADWAY QUANTITIES	2,2-1,2-2, 2-3
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1 – 2B10
GENERAL NOTES	2C, 2C1
SPECIAL NOTES	2D
ENVIRONMENTAL NOTES	2E
TABULATED QUANTITIES	2F, 2F1 – 2F5
DETAIL SHEETS	2G
RIGHT-OF-WAY NOTES, UTILITY NOTES, UTILITY OWNERS	3
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PROPERTY MAP(S)	3B – 3F
PRESENT LAYOUT(S)	4 – 5, 5D, 6 – 10, 10D, 11 – 12, 12D
RIGHT OF WAY DETAILS	4A – 5A, 5E, 6A – 7A, 7A1, 8A – 9A, 9A1, 10A, 10E, 11A, 11A1, 11A2, 12A, 12E
PROPOSED LAYOUT(S)	4B – 5B, 5F, 6B – 10B, 10F, 11B – 12B, 12F
PROPOSED PROFILE(S)	4C – 12C
BNSF HAUL ROAD LAYOUT(S)	7D
SIDE ROADS PROFILE(S)	13 – 17, 17A, 17B
PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE(S)	18 – 22
GEOMETRY SHEET S.R.4 & PERKINS/RAINES INTERCHANGE	23
PROPOSED PROFILES PERKINS/RAINES INTERCHANGE RAMP	23A – 23F
GEOMETRY SHEET S.R.4 & WINCHESTER INTERCHANGE	24
PROPOSED PROFILES WINCHESTER INTERCHANGE RAMP	24A – 24D
GEOMETRY SHEET S.R.4 & GETWELL INTERCHANGE	25
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SHEET NAME	SHEET NO.
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) NOTES	37
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) LEGEND, OUTFALL TABLES & TABULATION	37A
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS (STAGE 1)	38, 38-2, 38A, 38A1, 38A2, 38B, 38B1, 38B2, 38C – 38H, 38J, 38J1, 38J2, 38K, 38K1, 38K2
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS (STAGE 2)	39, 39A – 39H, 39J – 39K
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS (STAGE 3)	40, 40A – 40H, 40J – 40K
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS (STAGE 4)	41, 41A – 41H, 41J – 41K
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS (STAGE 5)	42, 42A – 42H, 42J – 42K
ENVIRONMENTAL MITIGATION PLANS	42L
SIGNING AND PAVEMENT MARKING PLAN(S)	43 – 54
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PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES	T1
TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATIONS	T2, T2A – T2D
TRAFFIC CONTROL PLANS	T3 – T6R

YEAR	PROJECT NO.	SHEET NO.
2026	STP/NH-4(6)	ROADWAY-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

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

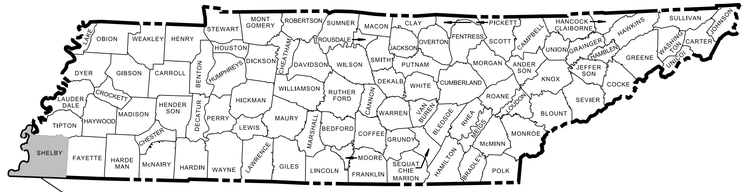
TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	STP/NH-4(6)	
STATE PROJ. NO.	79020-2253-14	

SHELBY COUNTY

U.S. 78 (S.R. 4, LAMAR AVENUE)
FROM: RAINES RD/PERKINS RD INTERCHANGE
TO: S.R. 176 (GETWELL RD) INTERCHANGE IN MEMPHIS (IA)(TMA)

PLAN-IN-HAND
(GRADE, DRAIN, PAVE, BRIDGE, SIGNALS, SIGNS, LIGHTING GUARDRAIL, WALLS, PAVEMENT MARKING)

STATE HIGHWAY NO. 4 F.A.H.S. NO. 78



BRIDGE ID. # 79.2869.359L79.4.3.74 79.2869.3.59R79.4.3.73
79-4-4.13R 79-4.14L 79-176-4.22



SCALE: 1"= 5280

0 1 2 3 MILES

79020-2253-14
END PROJECT NO. STP/NH-4(6) R.O.W.
STA. 601+99.93 LM 5.34
N 287368.7707 E 791543.1063

PLAN IN HAND

NO EXCLUSIONS

PROJECT TO BE CONSTRUCTED WHILE UNDER TRAFFIC

SEALED BY

79020-2253-14
END PROJECT NO. STP/NH-4(6) PLAN-IN-HAND
STA. 601+99.93 LM 5.34
N 287368.7707 E 791543.1063

79020-2253-14
BEGIN PROJECT NO. STP/NH-4(6) PLAN-IN-HAND
STA. 504+30.00
N 279438.0577 E 796755.7987

79020-2253-14
BEGIN PROJECT NO. STP/NH-4(6) R.O.W.
STA. 515+92.67 LM 3.73
N 280271.9556 E 796755.7987

79020-2252-14
END PROJECT NO. R-NH-4(11) R.O.W.
STA. 504+43.31
N 279446.9742 E 796745.9151

APPROVED:
SHANE HESTER, CHIEF ENGINEER
DATE:
APPROVED:
WILL REID, COMMISSIONER

SPECIAL NOTES

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

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

TDOT C.E. MANAGER 1 OR
TDOT TRANSPORTATION MANAGER 1 : DENNIS MOULTRIE, P.E.

DESIGNED BY : OHM ADVISORS

DESIGNER : HAK LIM CHECKED BY TECK TANG, P.E.

P.E. NO. 79020-1245-14

PIN NO. 100340.00

R.O.W. LENGTH	1.627 MILES
ROADWAY LENGTH	1.808 MILES
BRIDGE LENGTH	0.039 MILES
BOX BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES ▲
PROJECT LENGTH	1.847 MILES

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

SURVEY 2001
11-09-2016 UPDATED
01-15-2021 UPDATED
07-15-2025 UPDATED

TRAFFIC DATA	
ADT (2027)	34280
ADT (2047)	37250
DHV (2047)	3142
D	50 - 50
T (ADT)	21 %
T (DHV)	14 %
V BOP TO 560+00	60 MPH
V 560+00 TO EOP	50 MPH

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 99.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	1A

ROADWAY INDEX

SHEET NAME	SHEET NO.
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STANDARD TRAFFIC DESIGN DRAWINGS	1A3
STANDARD STRUCTURE DRAWINGS	1A4
PROJECT COMMITMENTS	1B
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GENERAL NOTES	2C, 2C1
SPECIAL NOTES	2D
ENVIRONMENTAL NOTES	2E
TABULATED QUANTITIES	2F, 2F1-2F5
DETAIL SHEETS	2G
RIGHT-OF-WAY NOTES, UTILITY NOTES, AND UTILITY OWNERS	3
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	8A – 9A, 9A1, 10A,
	10E, 11A, 11A1,
	11A2, 12A, 12E
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	6B – 10B, 10F,
	11B – 12B, 12F
PROPOSED PROFILE	4C – 12C
BNSF HAUL ROAD LAYOUT	7D
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PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE	18 – 22
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PROPOSED PROFILES RAINES/PERKINS INTERCHANGE RAMP	23A – 23F
GEOMETRY SHEET S.R. 4 & WINCHESTER INTERCHANGE	24
PROPOSED PROFILES WINCHESTER INTERCHANGE RAMP	24A – 24D
GEOMETRY SHEET S.R. 4 & GETWELL INTERCHANGE	25
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	38A1, 38A2, 38B,
	38B1, 38B2,
	38C – 38H, 38J,
	38J1, 38J2, 38K,
	38K1, 38K2
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS STAGE 2	
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	40, 40A – 40H,
	40J – 40K
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS STAGE 4	
	41, 41A – 41H,
	41J – 41K
EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS STAGE 5	
	42, 42A – 42H,
	42J – 42K
ENVIRONMENTAL MITIGATION PLANS	42L
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TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION	T2, T2A – T2D
TRAFFIC CONTROL PLANS	T3 – T6R
BRIDGE PLANS	B-1
GEOTECHNICAL PLANS	G-1
ITS PLANS	ITS-1
LIGHTING PLANS	L-1
RETAINING WALL PLANS	R-1
SIGNAL PLANS	SIG-1
STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	S-1
UTILITIES PLANS	U1–1

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

Footnotes:

① Haul Road profiles follow Side Road profiles in the sheet numbering sequence.

STANDARD ROADWAY DRAWINGS

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

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

10-101.00 STANDARDS ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-SE-3		SUPERELEVATION TRANSITION DETAILS FOR DIVIDED ROADWAYS
RD11-SE-3A		SUPERELEVATION TRANSITION SECTIONS FOR DIVIDED ROADWAYS
RD11-TS-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-4	10-01-24	DESIGN STANDARDS FOR ARTERIAL AND FREEWAY RAMPS (1, 2 AND 3 LANE)
RD11-TS-5B		DESIGN STANDARDS FOR FREEWAYS WITH MEDIAN BARRIER (4 AND 6 LANE)
RD11-TS-6A		TYPICAL CURB & GUTTER SECTIONS WITHOUT SHOULDERS AND WITH GRASS STRIPS
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-SA-1	01-09-24	SAFETY APPROACH TO UNDERPASSES GRADING DESIGN AND SLOPE PROTECTION
RD11-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD11-SD-4		INTERSECTION SIGHT DISTANCE 4-LANE AND 5-LANE UNDIVIDED ROADWAYS
RD11-SD-5		INTERSECTION SIGHT DISTANCE 4-LANE DIVIDED HIGHWAYS
RD11-SD-6		INTERSECTION SIGHT DISTANCE 6-LANE DIVIDED HIGHWAYS
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-8	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 5:1 SLOPES
RD-UD-9	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES

PLAN
IN
HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	1A1

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

D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-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-PO-1	06-28-19	STANDARD OVAL AND REINFORCED CONCRETE ARCH PIPE CULVERT
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-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	01-30-26	TYPE "SAFETY" SIDE ENDWALL WITH STEEL PIPE GRATE, FOR 15" THRU 48" PIPES, 6:1 SLOPE
D-SEW-12D	01-30-26	TYPE “SAFETY” SIDE DRAIN ENDWALL WITH STEEL PIPE GRATE, FOR 18” PIPE, 12:1 SLOPE
D-PE-4	06-28-19	STRAIGHT CONCRETE ENDWALLS (PIPE SIZES 18" TO 30")
D-PE-5	06-28-19	STRAIGHT CONCRETE ENDWALLS FOR HORIZONTAL OVAL CONCRETE PIPES (ALL SIZES AND SKEWS)
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)

10-104.00 CATCH BASINS AND MANHOLES

D-CB-DI		ALTERNATE CATCH BASIN DROP INLET DETAILS
D-CB-12LPA		ALTERNATE REINFORCEMENT FOR PRECAST CONCRETE 32” X 32” NO. 12LP CATCH BASIN
D-CB-12P	02-20-20	STANDARD PRECAST RECTANGULAR CONCRETE NO.12 CATCH BASIN
D-CB-12S	02-20-20	STANDARD RECTANGULAR CONCRETE NO. 12 CATCH BASIN
D-CB-12SB	02-20-20	STANDARD 4' X 4' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-14P	02-20-20	STANDARD PRECAST RECTANGULAR CONCRETE NO. 14 CATCH BASIN
D-CB-14RB	02-20-20	STANDARD PRECAST CIRCULAR NO. 14RB CATCH BASIN
D-CB-14S	02-20-20	STANDARD RECTANGULAR CONCRETE NO. 14 CATCH BASIN
D-CB-38RB	03-04-21	STANDARD PRECAST CIRCULAR NO. 38 CATCH BASIN
D-CB-38S	03-04-21	STANDARD 32" X 32" SQUARE CONCRETE NO. 38 CATCH BASIN
D-CB-38SB	03-04-21	STANDARD 4' X 4' SQUARE CONCRETE NO. 38 CATCH BASIN
D-CB-41LP	02-20-20	LOW PROFILE 32" X 32" SQUARE CONCRETE NO. 41LP CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-41P	02-20-20	STANDARD PRECAST 4' x 3' RECTANGULAR CONCRETE NO. 41 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-41RB	02-20-20	STANDARD PRECAST CIRCULAR NO. 41 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-41S	02-20-20	STANDARD 4' X 3' RECTANGULAR CONCRETE NO. 41 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-41SB	02-20-20	STANDARD 4' X 4' SQUARE CONCRETE NO. 41 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-42RB	02-20-20	STANDARD PRECAST CIRCULAR NO. 42 CATCH BASIN
D-CB-42S	02-20-20	STANDARD 32" X 32" SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SB	02-20-20	STANDARD 4' X 4' SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SC	02-20-20	STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-43R	01-30-26	STANDARD PRECAST CIRCULAR NO. 43R CATCH BASIN
D-CB-43SB	02-20-20	STANDARD 8' X 4' RECTANGULAR CONCRETE NO. 43SB CATCH BASIN
D-CB-45S	02-20-20	STANDARD 8' X 4' RECTANGULAR CONCRETE NO. 45 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-51SC	02-20-20	STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 51 CATCH BASIN (FOR USE IN FRONT OF CONCRETE RETAINING WALL)
D-CB-52SE	02-20-20	STANDARD 9’ x 9’ SQUARE CONCRETE NO. 52 CATCH BASIN
D-CB-99	02-20-20	MISCELLANEOUS DETAILS FOR RECTANGULAR STRUCTURES
D-CB99-GS		CATCH BASIN DETAILS FOR GRADE SEPARATION WALL
D-CB-99R	01-28-22	MISCELLANEOUS DETAILS FOR ROUND STRUCTURES
D-CB-99RA	10-29-21	BILL OF STEEL FOR ROUND CATCH BASIN LIDS
D-CB-99RB	02-20-20	ROUND JUNCTION BOX SPRING DRAIN BOX
D-CBB-12A	06-28-19	TYPE ‘B’ CAST IRON FRAME, GRATE & VERTICAL INLET DETAILS FOR NOS. 10, 12, 14, 16 & 17 TYPE CATCH BASINS
D-CBB-12B	06-28-19	TYPE ‘B’ CAST IRON FRAME, GRATE & 6" SLOPING INLET DETAILS FOR NOS. 25, 26 & 27 TYPE CATCH BASINS
D-CBB-42	10-29-21	CAST IRON GRATE DETAILS FOR NOS. 42, 43 & 44 TYPE CATCH BASINS
D-RS-1		PRECAST ROUND STRUCTURES (48” THRU 120”)
D-RS-2		PRECAST ROUND STRUCTURES REINFORCEMENT DETAILS
D-RS-3	01-30-26	MISCELLANEOUS DETAILS FOR ROUND STRUCTURES
D-JBS-1	02-20-20	STANDARD 32" X 32" SQUARE CONCRETE NO. 1 JUNCTION BOX
D-JBS-2	02-20-20	STANDARD 4' X 4' SQUARE CONCRETE NO. 2 JUNCTION BOX
D-RJB-1		PRECAST ROUND JUNCTION BOX STRUCTURES (48” THRU 120”)
D-MH-2	02-20-20	STANDARD PRECAST NO. 3 MANHOLE
D-MH-3	02-20-20	TYPICAL DESIGN OF LIDS FOR NO. 3 MANHOLE
D-MH-4	02-20-20	STANDARD NO. 3 MANHOLE CASTINGS AND STEPS
D-RMH-1		PRECAST MANHOLE STRUCTURES (48” THRU 120”)

10-106.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

RP-CS-3		CONCRETE SHOULDER MILLED RUMBLE STRIP DETAILS
RP-J-1	05-01-20	PORTLAND CEMENT CONCRETE PAVEMENT JOINT TYPES AND SPACING
RP-J-3	05-01-20	PORTLAND CEMENT CONCRETE PAVEMENT JOINT TYPES AND SPACING
RP-J-5	05-01-20	TYPICAL ACCELERATION AND DECELERATION LANE JOINT TYPES AND SPACING FOR CONCRETE RAMPS
RP-J-7	05-01-20	CONCRETE RAMP JOINT TYPES AND SPACING
RP-J-11	05-01-20	3/4" AND 1 3/4" EXPANSION AND EDGE PAVEMENT JOINTS
RP-J-13	05-01-20	3/4" AND 1 3/4" ELASTOMERIC COMPRESSION JOINT SEALS
RP-J-15	05-01-20	LONGITUDINAL CONTRACTION AND CONSTRUCTION JOINTS
RP-J-17	05-01-20	DOWEL ASSEMBLY DEVICES
RP-J-18	01-28-22	DOWEL ASSEMBLY DEVICES
RP-J-19	05-01-20	DOWEL ASSEMBLY DEVICES
RP-J-23	01-28-22	CONCRETE PAVEMENT REPAIR DETAILS
RP-J-24	05-01-20	CONCRETE PAVEMENT SPALL AND RANDOM CRACK REPAIR DETAILS
RP-D-15	04-01-25	DETAILS OF STANDARD CONCRETE DRIVEWAYS
RP-D-16	04-01-25	DETAILS OF LOWERED STANDARD CONCRETE DRIVEWAYS
RP-DHO-1	05-01-20	MEDIAN OPENINGS ON 4-LANE DIVIDED HIGHWAY
RP-I-5	05-01-20	EXAMPLES OF STREET & ALLEY INTERSECTIONS
RP-R-1	04-21-25	STANDARD RAMP DETAILS FOR ROADWAYS AND DRIVEWAYS
RP-SC-1	05-04-22	SLOPING CONCRETE CURB AND CURB AND GUTTER
RP-VC-10	03-04-21	VERTICAL CONCRETE CURB AND CURB AND GUTTER (FOR 8” TO 12” GUTTER DEPTH)
RP-VC-11	03-04-21	VERTICAL CONCRETE CURB AND CURB AND GUTTER (FOR 6” & 7” GUTTER DEPTH)
W-CIP-1	05-01-20	ROADWAY FEATURES AT CAST IN PLACE RETAINING WALL
W-MSE-1	05-01-20	ROADWAY FEATURES FOR MSE SEGMENTAL PRECAST FACING RETAINING WALL
W-MSE-2	05-01-20	ROADWAY FEATURES FOR MSE MODULAR BLOCK FACING RETAINING WALL
W-SG-1	07-30-24	STANDARD GRAVITY-TYPE RETAINING WALLS
W-SP-1	05-01-20	ROADWAY FEATURES AT SOLDIER PILE AND SOIL ANCHORED RETAINING WALLS
S-F-1	03-01-23	HIGH VISIBILITY FENCE
S-F-10	07-17-20	STANDARD RIGHT-OF-WAY STOCK FENCE
S-F-10A	06-28-19	STANDARD RIGHT-OF-WAY STOCK FENCE WITH TIMBER POSTS
S-F-10B	06-28-19	STANDARD RIGHT-OF-WAY CHAIN LINK FENCE

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD ROADWAY DRAWINGS

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S-F-10C	06-28-19	RIGHT-OF-WAY FENCE AT BRIDGES AND BOX CULVERTS
S-F-10D	06-28-19	RIGHT-OF-WAY FENCE LOCATIONS AT INTERCHANGES
S-FG-11	07-30-24	STOCK FENCE GATES AND CHAIN LINK FENCE CLOSURE
S-RP-2	06-28-19	STANDARD CONCRETE RIGHT-OF-WAY MARKERS

10-107.00 MULTIMODAL

CR-GN-1		GENERAL NOTES CURB RAMP
CR-DWS-1		DETECTABLE WARNING SURFACE DETAIL
CR-PLL-1		PUSH BUTTON LOCATION LAYOUT
CR-CRT-1		CURB RAMP TYPES
CR-PL-1		PERPENDICULAR CURB RAMP PLACEMENT LAYOUT
CR-10		PERPENDICULAR CURB RAMP
CR-11		PERPENDICULAR CURB RAMP WITH BRICK DETAILS
CR-PL-2		PARALLEL CURB RAMP PLACEMENT LAYOUT
CR-21		COMBINATION RAMP USED WITH WIDE SIDEWALK
CR-21		COMBINATION RAMP USED WITH WIDE SIDEWALK
CR-22		COMBINATION CURB RAMP
CR-23		PARALLEL CURB RAMP WITH EXISTING BRICK
CR-30		CURB RAMPS IN CURVE BI-DIRECTIONAL DUAL CROSSING
CR-31		BLENDED TRANSITION BI-DIRECTIONAL
CR-32		LOWERED CORNER RAMP
CR-33		SINGLE CROSSING CURB RAMP IN CURVE
CR-34		SINGLE CROSSING CURB RAMP IN CURVE
CR-40		MONO-DIRECTIONAL SINGLE CROSSWALK CURB RAMP DETAILS
CR-41		SINGLE CROSSING CURB RAMP IN CURVE
CR-50		PEDESTRIAN REFUGE
CR-51		PEDESTRIAN REFUGE
MM-BPR-1	06-12-25	BIKE AND PEDESTRIAN SAFETY RAIL
MM-SW-1	07-07-23	DETAILS FOR CONCRETE SIDEWALKS

10-108.00 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-1B	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED ON CURVED ROADWAYS
S-PL-3	03-01-23	SAFETY PLAN MINIMUM INSTALLATION AT BRIDGE ENDS
S-PL-4	01-09-24	SAFETY PLAN FOR BRIDGE PIERS IN DEPRESSED MEDIAN
S-PL-5	06-28-19	SAFETY PLAN FOR BRIDGE ENDS IN MEDIANS
S-PL-6	07-30-24	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
S-PL-6A	06-28-19	SAFETY PLAN SAFETY HARDWARE PLACEMENT IN MEDIAN
S-PL-7		SAFETY PLAN HARDWARE PLACEMENT AT INTERSECTIONS
S-CC-1	10-01-24	CRASH CUSHION
S-GR31-1	10-31-25	GUARDRAIL DETAILS
S-GR31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
S-GR31-1B		GUARDRAIL FASTENING HARDWARE
S-GR31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS
S-AGT-1		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-2		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-3		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-4		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-5		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-6		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-AGT-7		LONG SPAN APPROACH GUARDRAIL TRANSITION
S-GRC-4	10-31-25	GUARDRAIL CONNECTION TO BRIDGE RAILING CONCRETE PARAPET
S-GRC-5	10-31-25	GUARDRAIL CONNECTION TO BRIDGE ENDS (TRAILING ENDS)
S-GRS-2	01-28-22	SPECIAL CASE GUARDRAIL ATTACHMENT TO CONCRETE DECKS
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR
S-SSMB-2	10-29-21	51” SINGLE SLOPE CONCRETE BARRIER WALL
S-SSMB-3	10-29-21	51” HALF SIZE SINGLE SLOPE CONCRETE BARRIER WALL
S-SSMB-4	07-17-20	FLARED SINGLE SLOPE CONCRETE MEDIAN BARRIER WALL (VERTICAL BACK)
S-SSMB-5	05-01-20	SINGLE SLOPE MEDIAN BARRIER WALL CATCH BASIN DETAIL
S-SSMB-6D		51” CONCRETE SINGLE SLOPE BARRIER WALL FOR ATTACHING GUARDRAIL
S-SSMB-6F		SINGLE GUARDRAIL ATTACHMENT TO SINGLE SLOPE 51” BARRIER WALL
S-SSMB-9	10-29-21	SINGLE SLOPE BARRIER WALL FOR GRADE SEPARATED MEDIAN
S-GR28-1M	06-15-21	W-BEAM & THRIE BEAM BARRIER RAIL AND RUB RAIL DETAILS
S-GR28-2M	06-28-19	GUARDRAIL HARDWARE DETAILS
S-GR28-3M	01-28-22	GUARDRAIL HEIGHT ADJUSTMENT
S-GR28-4M	06-28-19	GUARDRAIL TERMINAL ANCHOR TYPE 13
S-GR28-6M	10-29-21	GUARDRAIL ATTACHMENT TO CONCRETE DECKS
S-GRC-1M		GUARDRAIL CONNECTION TO BRIDGE ENDS OR BARRIER WALL

10-109.00 EROSION PREVENTION AND SEDIMENT CONTROL

EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3B	06-15-21	SILT FENCE
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3D	03-01-23	ENHANCED SILT FENCE
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-8	06-10-14	FILTER SOCK
EC-STR-27	08-01-12	TEMPORARY SLOPE DRAIN AND BERM
EC-STR-29	08-01-12	PERMANENT SLOPE DRAIN PIPE
EC-STR-35	08-01-12	FILTER BERMS
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-39A	08-01-12	CURB INLET PROTECTION TYPE 3&4
EC-STR-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-11A	08-01-12	CULVERT PROTECTION TYPE 2
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-30		INSTREAM DIVERSION (WITHOUT TRAFFIC)
EC-STR-30A		INSTREAM DIVERSION (WITH TRAFFIC)

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	1A2

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STANDARD
ROADWAY
DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	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	STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, WF-BEAMS
T-S-15	07-30-25	STANDARD CONDUIT & GROUND DETAILS FOR OVERHEAD & CANTILEVER SIGN STRUCTURES
T-S-16	07-30-25	GROUND MOUNTED ROADSIDE “U” POST 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-18	07-30-25	END OF ROADWAY, DEAD END SIGNS, AND METAL BARRICADES (TYPE III)
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-23B	07-30-25	MULTI-DIRECTIONAL SLIP BASE BREAKAWAY STRUCTURAL PIPE SIGN SUPPORT
T-S-23C	07-30-25	BREAKWAY POST SIGN SUPPORTS
10-201.00 SIGNALS		
T-SG-1	12-18-25	WOOD POLE DETAILS FOR SPAN MOUNTED SIGNALS
T-SG-2	12-18-25	LOOP LEAD-INS, CONDUIT AND PULL BOXES
T-SG-3	12-18-25	INDUCTIVE LOOPS DETECTION DETAILS
T-SG-3A	12-18-25	INDUCTIVE LOOP DETECTION DETAILS AND NOTES
T-SG-4	12-18-25	SPAN WIRE AND MESSENGER CABLE DETAILS
T-SG-5	12-18-25	CONTROLLER CABINET DETAILS
T-SG-6	12-18-25	PEDESTRIAN SIGNAL DETAILS
T-SG-7	12-18-25	SIGNAL HEAD ASSEMBLIES
T-SG-7A	12-18-25	TYPICAL SIGNAL HEAD PLACEMENT APPROACHES WITH NO THROUGH MOVEMENTS
T-SG-7C	12-18-25	TYPICAL SIGNAL HEAD PLACEMENT ONE-LANE AND TWO-LANE APPROACHES
T-SG-7E	12-18-25	TYPICAL SIGNAL HEAD PLACEMENT THREE-LANE APPROACHES
T-SG-7F	12-18-25	TYPICAL SIGNAL HEAD PLACEMENT THREE-LANE APPROACHES
T-SG-7H	12-18-25	TYPICAL SIGNAL HEAD PLACEMENT THREE-LANE AND FOUR-LANE APPROACHES
T-SG-7HH	12-18-25	TYPICAL SIGNAL HEAD PLACEMENT FOUR-LANE APROACHES
T-SG-8	12-18-25	STRAIN POLE DETAILS FOR SPAN MOUNTED SIGNALS
T-SG-9	12-18-25	CANTILEVER SIGNAL SUPPORT DETAIL
T-SG-9A	12-18-25	MISCELLANEOUS SIGNAL DETAILS
T-SG-10	12-18-25	MAST ARM POLE AND STRAIN POLES FOUNDATION DETAILS
T-SG-11	12-18-25	MAINTENANCE OF EXISTING SIGNALS DURING HIGHWAY CONSTRUCTION
T-SG-12	12-18-25	TYPICAL WIRING FOR SIGNAL HEADS AND DETECTION LOOPS
10-202.00 LIGHTING AND UTILITY POLES		
T-FO-1		FIBER OPTIC AERIAL ENTRANCE DETAILS
T-FO-2		FIBER OPTIC UNDERGROUND ENTRANCE DETAILS
T-FO-3		FIBER OPTIC AERIAL CONNECTION DETAILS
T-FO-4		FIBER OPTIC PULL BOX, CABINET & POLE DETAILS
T-L-1	07-15-24	STANDARD LIGHTING FOUNDATION DETAILS
T-L-1SA	07-15-24	STANDARD LIGHTING DETAILS FOR SINGLE ARM SUPPORTS
T-L-1TM	07-15-24	STANDARD LIGHTING DETAILS TENON MOUNTED OFFSET LIGHTING SUPPORTS
T-L-2	07-15-24	FOUNDATION DETAIL FOR LUMINAIRE MOUNTED ON CONCRETE MEDIAN BARRIER
T-L-3	07-15-24	STANDARD LIGHTING DETAILS PULL BOXES
T-L-4	07-15-24	STANDARD LIGHTING DETAILS CONDUIT, CABLE INSTALLATION
T-L-5		STANDARD LIGHTING DETAILS CONTROL CENTER DETAILS
10-204.00 DESIGN - TRAFFIC CONTROL		
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	01-24-25	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-5	01-24-25	MARKING DETAIL FOR FREEWAYS
T-M-6	01-24-25	MARKING DETAIL FOR EXPRESSWAY AND FREEWAY INTERCHANGES
T-M-7	01-24-25	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-8	01-24-25	MARKING DETAILS FOR EXPRESSWAYS & FREEWAYS
T-M-9	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9A	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9B	07-22-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-15	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATE AND ACCESS CONTROLLED ROUTES
T-M-15A	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
T-M-16	01-24-25	RUMBLE STRIPE INSTALLATION LAYOUT
T-M-16A	01-24-25	RUMBLE STRIPE DETAILS FOR EDGE OF PAVEMENT AND CENTERLINE
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-26-25	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-12	03-26-25	ONE LANE CLOSURE DETAIL FOR BRIDGES ON DIVIDED HIGHWAYS
T-WZ-16	03-26-25	LANE SHIFT FOR DIVIDED HIGHWAYS AND FREEWAYS
T-WZ-18	03-26-25	SHOULDER CLOSURE DETAIL FOR FREEWAYS AND DIVIDED HIGHWAYS
T-WZ-19	03-26-25	MEDIAN CROSS-OVER DETAIL ON FREEWAYS
T-WZ-20	03-26-25	GEOMETRIC MEDIAN CROSS-OVER DETAIL ON DIVIDED HIGHWAYS
T-WZ-21	03-26-25	LANE CLOSURE WITH LEFT HAND MERGE AND LANE SHIFT
T-WZ-55	03-26-25	SIDEWALK TRAFFIC CONTROL
T-WZ-56	03-26-25	TRANSVERSE RUMBLE STRIP USE WITHIN WORK ZONES
T-WZ-63	03-26-25	WORK ZONE IN THE VICINITY OF AN ENTRANCE RAMP
T-WZ-64	03-26-25	WORK ZONE IN THE VICINITY OF AN EXIT
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD
T-WZ-PBR1	03-26-25	INTERCONNECTED PORTABLE BARRIER RAIL
T-WZ-PBR2	03-26-25	DETAILS FOR WORK ZONE CHANNELIZATION DEVICES
T-WZ-PCB2A	03-26-25	20 FOOT PORTABLE CONCRETE BARRIER RAIL STIFFENER TUBE
T-WZ-PCB4	07-22-25	PORTABLE CONCRETE BARRIER RAIL ANCHOR PIN DETAILS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
TRAFFIC DESIGN
DRAWINGS

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PIH	2026	STP/NH-4(6)	1A4

STANDARD STRUCTURE DRAWINGS

DWG.	REV.	DESCRIPTION

10-300.00 NEW STRUCTURES

STD-1-1SS	07-09-25	BRIDGE RAILING CONCRETE PARAPET
STD-1-13	05-10-21	BRIDGE END DRAIN DETAILS 4’ X 8’-7” WITHOUT PAVEMENT AT BRIDGE ENDS

10-301.00 LRFD BOX CULVERTS

(See Section 2-600.01)

STD-17-1		INDEX OF DRAWINGS
STD-17-2		TERMINOLOGY OF DRAWINGS
STD-17-3		GENERAL NOTES
STD-17-4		DESIGN SECTION LIMITS
STD-17-5		TYPICAL SECTIONS AND DETAILS
STD-17-6		TYPICAL ELEVATION
STD-17-7		CURB, RAIL & EDGE BEAM DETAILS - SKEW NOT LESS THAN 45 DEG.
STD-17-8		EDGE BEAM DETAILS FOR FILLS GREATER THAN 3’ - 6”
STD-17-9		INTERIOR WALL END TREATMENTS
STD-17-10		TYPICAL WINGWALL DETAILS AND NOTES
STD-17-11		WINGWALL DIMENSIONS AND QUANTITIES
STD-17-12		WINGWALL DIMENSIONS AND QUANTITIES
STD-17-13		WINGWALL DIMENSIONS AND QUANTITIES
STD-17-14		WINGWALL DIMENSIONS AND QUANTITIES
STD-17-15		WINGWALL AND SPECIAL RETAINING WALL DESIGN SECTIONS
STD-17-16		WINGWALL DESIGN SECTIONS
STD-17-17	06-01-11	BACKFILL AND DRAINAGE DETAILS
STD-17-18		BACKFILL DETAILS
STD-17-19	06-20-18	PAVED OUTLET DETAIL
STD-17-23		SIDEWALK AND MISCELLANEOUS DETAILS
STD-17-26		EXTENSION DETAILS
STD-17-29		PRECAST BOX CULVERT DETAILS
STD-17-54		BOX BRIDGE, 1 BARRELS AT 10’, CLEAR HTS. 4’ - 6’, 0 - 60’ FILL
STD-17-78		BOX BRIDGE, 2 BARRELS AT 12’, CLEAR HTS. 10’ - 12’, 0 - 60’ FILL

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
STRUCTURE
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	1B
PIH	2026	STP/NH-4(6)	1B

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PROJECT COMMITMENTS

COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STA. / LOCATION
EDAN001	ENVIRONMENTAL DIVISION, AIR & NOISE	NOISE BARRIERS FOR NAAs 1 AND 2 ARE PRELIMINARY FEASIBLE AND REASONABLE BASED ON THE CURRENT PLANS. TDOT WILL SOLICIT THE VIEWPOINTS OF THE BENEFITED RESIDENTS AND PROPERTY OWNERS. ONCE THAT PROCESS IS COMPLETE, TDOT WILL MAKLE FINAL DETERMINATIONS REGARDING THE REASONABLENESS OF THE BARRIERS. BARRIERS THAT ARE DETERMINED TO BE REASONABLE WILL BE INCORPORATED INTO THE CONSTRUCTION PLANS	NAA 1 AND NAA 2
EDAN002	ENVIRONMENTAL DIVISION, AIR & NOISE	NOISE BARRIERS REMAIN FEASIBLE AND REASONABLE BASED ON THE CURRENT PLANS FOR THE RESIDENCES AT NAA 1 (CORNER PARK APARTMENTS) AND NAA 2 (EMERALD RIDGE APARTMENTS) ARE USED TO BE INCLUDED IN THE FINAL DESIGN PLANS. CONCRETE FORMLINERS SHALL BE USED TO ACHIEVE THE PATTERN AND TEXTURE ON BOTH SIDES OF THE NOISE BARRIER. THE HIGHWAY SIDE SHALL BE ABSORPTIVE. THE COMMUNITY SIDE FORMLINER OF THE BARRIER SHALL BE FRACTURED FIN MANUFACTURED BY FADDIS OR APPROVED EQUAL BY THE TDOT ENVIRONMENTAL DIVISION. THE COLOR OF THE COMMUNITY SIDE OF THE NOISE BARRIER WILL BE GRAY FEDERAL SPEC. NO. 36373. TOP NOISE BARRIER PANELS SHALL INCLUDE A 12-INCH-WIDE SMOOTH BAND ACROSS THE TOP OF EACH PANEL ON BOTH SIDES. ALL POSTS SHALL BE CUT FLUSH WITH THE PANEL TOPS. A MINIMUM 1-INCH DEPTH OF REVEAL AT JOINTS SHALL BE ACHIEVED ON BOTH THE SOUND-ABSORBING AND COMMUNITY SIDES OF NOISE BARRIER	CORNER PARK AND EMERALD RIDGE APARTMENTS
EDHZ001	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	ABSBESTOS CONTAINING MATERIAL (ACM) SURVEYS WERE COMPLETED ON THE FOLLOWING BRIDGES AND NO ACM WAS DETECTED. PLEASE SEE THE REPORTS FOR FURTHER DETAILS AND PHOTOGRAPHS. BRIDGE NO. 79RS0040005 RAINES ROAD ED OVER SR-4 LM 3.7. (79-SR004-03.73) BRIDGE NO. 79SR0040006 RAINES ROAD WB OVER SR-4 LM 3.74 (79-SR004-03.74) BRIDGE NO. 79SR0040007 SR-4 OVER TEN MILE CREEK (79-SR004-03.87) BRIDGE NO. 79SR0040009 SR-4 NB OVER BNSFRR LM 4.13 (79-SR004-04.13R) BRIDGE NO. 79SR0040010 SR-4 SB OVER BNSFRR LM 4.13 (79-SR004-04.13L) BRIDGE NO. 79SR0040011 BRANCH LM 5.30 (79-SR004-05.30) BRIDGE NO. 79SR0040013 SR-176 OVER SR-4 LM 4.36 (79-SR176-04.36)	BRIDGES
EDHZ002	ENVIRONMETAL DIVISION, HAZARDOUS MATERIALS	NO SPECIAL ACCOMODATIONS FOR DEMOLITION AND WASTE DISPOSAL ARE ANTICIPATED FOR THESE STRUCTURES AND THE MATERIAL CAN BE DEPOSITED FOR THESE STRUCTURES AND THE MATERIAL CAN BE DEPOSITED IN A C&D LANFILL. PRIOR TO THE DEMOLITON OR REHABILITATION OF ANY STRUCTURE (BRIDGE OR BUILDING), THE CONTRACTOR IS REQUIRED TO SUBMIT THE NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS STANDARD 10-DAY NOTICE OF DEMOLITON TO THE TDEC DIVISION OF AIR POLLUTION CONTROL (PER TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JANUARY 1, 2021) SECTIONS 107.08.D AND 202.03)	BRIDGES

PLAN IN HAND

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PROJECT COMMITMENTS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2A
PIH	2026	STP/NH-4(6)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79020-2253-14
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
	202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
15-	202-01.11	REMOVAL AND DISPOSAL OF TRASH AND DEBRIS	LS	1
	202-02.22	REMOVAL OF PIPE (15")	L.F.	437
	202-02.23	REMOVAL OF PIPE (18")	L.F.	2373
	202-02.24	REMOVAL OF PIPE (24")	L.F.	400
22-	202-06.01	REMOVAL OF BUILDINGS (TRACT NO. 10)	LS	1
22-	202-06.02	REMOVAL OF BUILDINGS (TRACT NO. 12)	LS	1
22-	202-06.03	REMOVAL OF BUILDINGS (TRACT NO. 16)	LS	1
22-	202-06.05	REMOVAL OF BUILDINGS (TRACT NO. 21)	LS	1
22-	202-06.06	REMOVAL OF BUILDINGS (TRACT NO. 22)	LS	1
22-	202-06.07	REMOVAL OF BUILDINGS (TRACT NO. 23)	LS	1
22-	202-06.08	REMOVAL OF BUILDINGS (TRACT NO. 24)	LS	1
22-	202-06.09	REMOVAL OF BUILDINGS (TRACT NO. 25)	LS	1
22-	202-06.10	REMOVAL OF BUILDINGS (TRACT NO. 26)	LS	1
22-	202-06.12	REMOVAL OF BUILDINGS (TRACT NO. 31)	LS	1
22-	202-06.13	REMOVAL OF BUILDINGS (TRACT NO. 33)	LS	1
	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	116545
	203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	183044
	203-04	PLACING TOP SOIL	C.Y.	7010
	203-06	WATER	M.G.	780
	203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	6491
19-	203-50	CONSTRUCTION OF HAUL ROAD	L.S.	1
	204-08	FOUNDATION FILL MATERIAL	C.Y.	31
	204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	35
13-	209-02.07	18" TEMPORARY SLOPE DRAIN	L.F.	176
	209-03.22	FILTER SOCK (18 INCH)	L.F.	71906
26-	209-03.99	PROTECTED AREA MARKER (WHITE WITH DECAL)	EACH	6
13-	209-05	SEDIMENT REMOVAL	C.Y.	1240
13-	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	23739
13-	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	145839
13-	209-08.07	ROCK CHECK DAM	EACH	38
13-	209-08.08	ENHANCED ROCK CHECK DAM	EACH	6
13-	209-09.01	SANDBAGS	BAG	300
13-	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	4
13-	209-09.41	CURB INLET PROTECTION (TYPE 2)	EACH	1
13-	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	121
13-	209-20.04	POLYETHYLENE SHEETING (1O MIL.)	S.Y.	200
13-	209-40.34	CATCH BASIN PROTECTION (TYPE E)	EACH	172
13-	209-65.04	TEMPORARY IN STREAM DIVERSIONS	L.F.	928
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	39584
1-	303-01.01	GRANULAR BACKFILL (ROADWAY)	TON	878
	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	62
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	4474
	307-01.21	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A-S	TON	29889
	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	54771
	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	22480

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79020-2253-14
	309-01.01	MINERAL AGGREGATE (A-CBC)	TON	71031
	309-01.02	PORTLAND CEMENT (A-CBC)	TON	3204
	309-02	BITUMINOUS MATERIAL (A-CBC)	TON	310
	313-03	TREATED PERMEABLE BASE	S.Y.	21513
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	248
16-	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	881
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1250
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	1937
	411-02.10	ACS MIX(PG70-22) GRADING D	TON	10880
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	3.3
	501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	S.Y.	14747
	501-01.05	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 12"	S.Y.	4695
	604-01.01	CLASS A CONCRETE (ROADWAY)	C.Y.	71
	604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	LB	14106
	604-02.01	CLASS A CONCRETE (BOX BRIDGES)	C.Y.	117
3-	604-01.20	BOX TUBE SAFETY RAIL	L.F.	180
	604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	LB	23788
	604-03.04	PAVEMENT @ BRIDGE ENDS	S.Y.	2117
2-	604-03.07	CLASS A CONCRETE (FOR MEDIANS AND ISLANDS)	C.Y.	152
5,6-	604-07.01	RETAINING WALL NO.1 (STA. 512+77.27 LT. TO STA. 515+10.62 LT.)	S.F.	2786
5,6-	604-07.02	RETAINING WALL NO.2 (WIN-RAMP-A STA. 13+98.44 LT. TO STA. 17+81.07 LT.)	S.F.	2860
5,6-	604-07.03	RETAINING WALL NO.3 (WIN-RAMP-C STA. 13+98.56 LT. TO STA. 16+44.46 LT.)	S.F.	2239
5,6-	604-07.04	RETAINING WALL NO.4 (PERK-RAMP-C2 STA. 33+00.00 LT. TO STA. 35+00.00 LT.)	S.F.	1140
5,6-	604-07.05	RETAINING WALL NO.5 (GETWELL STA. 144+00.00 LT. TO BRIDGE)	S.F.	1596
5,6-	604-07.06	RETAINING WALL NO.6 (GETWELL BRIDGE TO STA. 150+00.00 LT.)	S.F.	337
5,6-	604-07.07	RETAINING WALL NO.7 (STA. 512+54.66 RT TO STA. 515+14.30 RT)	S.F.	2971
5,6-	604-07.08	RETAINING WALL NO.8 (STA. 529+00.00 LT TO BRIDGE)	S.F.	3045
5,6-	604-07.09	RETAINING WALL NO.9 (BRIDGE TO STA. 546+00 RT)	S.F.	3645
5,6-	604-07.10	RETAINING WALL NO.10 (BRIDGE TO STA. 545+50 LT)	S.F.	3800
5,6-	604-07.11	RETAINING WALL NO.11 (WIN STA. 88+55.66 RT TO STA. 91+99.87 RT)	S.F.	5142
5,6-	604-07.12	RETAINING WALL NO.12 (WIN STA. 87+77.05 LT TO STA. 91+27.89 LT)	S.F.	5554
14-	604-07.13	RETAINING WALL (STA. 584+61.70 RT TO STA. 586+38.52 RT)	S.F.	354
10-	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	7414
10-	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	2270
10-	607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	555
10-	607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	L.F.	1379
10-	607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	L.F.	30
10-	607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	L.F.	38
10-	607-10.30	54" PIPE CULVERT	L.F.	12
10-	607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	58
10, 23-	610-07.03	18" PIPE DRAIN (BRIDGE DRAIN)	L.F.	73
10, 20-	610-57.01	REINFORCED CONCRETE PIPE ARCH (22" X 13")	L.F.	86
	611-01.02	MANHOLES, > 4' - 8' DEPTH	EACH	3
	611-01.03	MANHOLES, > 8' - 12' DEPTH	EACH	2
	611-01.04	MANHOLES, > 12' - 16' DEPTH	EACH	1
	611-01.05	MANHOLES, > 16' - 20' DEPTH	EACH	1
	611-02.11	JUNCTION BOX, TYPE 2	EACH	3
	611-06.13	BRIDGE END DRAIN (4'X9')	EACH	3
	611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	14
	611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	617
	611-07.31	18IN ENDWALL (SIDE DRAIN)	EACH	7

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2A1
PIH	2026	STP/NH-4(6)	2-1

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79020-2253-14
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	EACH	6
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	EACH	2
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH	4
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	EACH	2
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
611-07.65	36IN ENDWALL (CROSS DRAIN) 6:1	EACH	2
611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	EACH	1
611-12.01	CATCH BASINS, TYPE 12, > 0' -4' DEPTH	EACH	1
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	EACH	57
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	EACH	8
611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	EACH	2
611-12.05	CATCH BASINS, TYPE 12, > 16' - 20' DEPTH	EACH	1
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	EACH	15
611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	EACH	2
611-38.02	CATCH BASINS, TYPE 38, > 4' - 8' DEPTH	EACH	2
611-41.01	CATCH BASINS, TYPE 41, 0' - 4' DEPTH	EACH	1
611-41.02	CATCH BASINS, TYPE 41, > 4' - 8' DEPTH	EACH	4
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	EACH	3
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	EACH	7
611-42.03	CATCH BASINS, TYPE 42, > 8' - 12' DEPTH	EACH	2
611-43.02	CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	EACH	7
611-45.02	CATCH BASINS, TYPE 45, > 4' - 8' DEPTH	EACH	6
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	L.F.	2676
621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	400
701-01.01	CONCRETE SIDEWALK (4 ")	S.F.	63106
701-02.02	CONCRETE DRIVEWAY (8")	S.F.	4114
701-02.03	CONCRETE CURB RAMP	S.F.	3750
701-03	CONCRETE MEDIAN PAVEMENT	C,Y,	35
702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	1600
705-06.01	W BEAM GR (TYPE 2) MASH TL3	L.F.	2532.5
705-06.10	GR TERMINAL TRAILING END (TYPE 13) MASH TL3	EACH	6
705-06.20	TANGENT ENERGY ABSORBING TEM MASH TL-3	EACH	20
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	15
706-01	GUARDRAIL REMOVED	L.F.	7750
707-01.11	CHAIN LINK FENCE (6 FOOT)	L.F.	11010
707-01.12	END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE)	EACH	85
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	7064
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	83
709-01.01	RUBBLE STONE RIP-RAP	C.Y.	12
11- 709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	600
12- 709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	535
709-05.08	MACHINED RIP-RAP (CLASS B)	TON	200
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	32871
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	L.F.	82

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79020-2253-14
711-05.71	51 IN SINGLE SLOPE CONCRETE BARRIER WALL	L.F.	2950
4- 711-05.72	SINGLE SLOPE HALF CONCRETE BARRIER WALL	L.F.	1000
711-05.78	GRADE SEPARATED SINGLE SLOPE MEDIAN WALL	L.F.	4035
712-01	TRAFFIC CONTROL	L.S.	1
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	12675
21- 712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	23
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	1371
712-04.50	BARRIER RAIL DELINEATOR	EACH	325
712-05.01	WARNING LIGHTS (TYPE A)	EACH	24
712-06	SIGNS (CONSTRUCTION)	S.F.	865.8
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	40
712-08.03	ARROW BOARD (TYPE C)	EACH	3
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	46700
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	950
712-09.05	REMOVABLE PAVEMENT MARKING (ARROW)	EACH	2
712-09.08	REMOVABLE PAVEMENT MARKING (6" LINE)	L.F.	18240
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	C.Y.	15
713-01.02	STEEL BAR REINFORCEMENT (FOUNDATION FOR SIGN SUPPORTS)	LB.	3400
713-02.04	DELINEATOR (MILE MARKER) & STEEL POST	EACH	8
713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	150
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	EACH	50
713-02.26	CONCRETE BARRIER/PARAPET DELINEATOR	EACH	180
713-06	STEEL I-BEAM & WF-BEAMS (BREAKAWAY) SIGN SUPPORT	LB.	5800
713-09.01	STEEL OVERHEAD SIGN STRUCTURE (SPAN 80 FT)	EACH	1
713-09.02	STEEL OVERHEAD SIGN STRUCTURE (SPAN 75 FT)	EACH	1
713-10.01	STEEL CANTILEVER SIGN STRUCTURE (SIGN NO. 71)	EACH	1
713-10.02	STEEL CANTILEVER SIGN STRUCTURE (SIGN NO. 87)	EACH	1
713-10.03	STEEL CANTILEVER SIGN STRUCTURE (SIGN NO. 6)	EACH	1
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	2900
713-11.05	SQUARE TUBE SIGN SUPPORT	LB.	1100
713-11.21	P POST SLIP BASE	EACH	40
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	8
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	950
713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	425
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	L.S.	1
713-15.35	METAL BARRICADE (TYPE III)	EACH	8
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	20
714-01.20	STRUCTURAL LIGHTING (RET. WALL NO. 11)	L.S.	1
714-01.21	STRUCTURAL LIGHTING (RET. WALL NO. 12)	L.S.	1
716-01.07	TEMPORARY RAISED PAVEMENT MARKER,YELLOW	EACH	260
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(1 COLOR)	EACH	50
716-01.22	SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	635
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH	230

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	2-2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79020-2253-14
	716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	1600
	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	660
	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	32
	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	30
	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINALCROSS-WALK)	L.F.	1055
	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	27
	716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	1
	716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	EACH	6
	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	90
	716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	9
	716-05.02	PAINTED PAVEMENT MARKING (8" LINE)	L.F.	52950
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.F.	17850
	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	9.36
18-	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	11.3
	716-12.05	ENHANCED FLAT LINE THERMO (6IN DOTTED LINE)	L.F.	1590
	716-12.06	ENHANCED FLAT LINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.	4420
	717-01	MOBILIZATION	LS	1
	718-01.01	NOISE BARRIER (STATION 547+00 TO 557+00)	S.F.	10571
	718-01.02	NOISE BARRIER (WIN 94+00 TO WIN-D 10+35.40)	S.F.	10070
	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	3641
	797-07.60	ADJUST EXISTING MANHOLE	EACH	20
8-	801-01	SEEDING (WITH MULCH)	UNIT	34
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	200
27-	801-01.38	NATVE SEED MX FINAL STABLIZATN OF SLOPES	UNIT	32
24-	801-03	WATER (SEEDING & SODDING)	M.G.	1057
	801-07	SEED (SUPPLEMENTAL APPLICATION)	LB.	51
17-	801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	TON	1
25-	802-02.30	CUTTINGS: SALIX NIGRA (18IN-24IN)	EACH	55
25-	802-02.32	CUTTINGS: CORNUS AMOMUM (18IN-24IN)	EACH	55
25-	802-02.38	CUTTINGS: PLATANUS OCCIDENTALIS (18IN-24IN)	EACH	55
25-	802-02.39	CUTTINGS: POPULUS DELTOIDES (18IN-24IN)	EACH	55
25-	802-12.18	LIQUIDAMBER STYRACIFLUA (SWEETGUM SEEDLING B.R.)	EACH	18
25-	802-12.19	LIRIODENDRON TULIPIFERA (TULIP POPLAR SEEDING B.R.)	EACH	18
25-	802-12.26	PLATANUS OCCIDENTALIS (SYCAMORE SEEDING B.R.)	EACH	18
25-	802-12.44	ULMUS AMERICANA (AMERICAN ELM SEEDING B.R.)	EACH	18
	803-01	SODDING (NEW SOD)	S.Y.	103795
7-	806-02.03	PROJECT MOWING	CYCL	12

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	2-3

FOOTNOTES

(1) TO BE USED FOR BACKFILLING PROPOSED BOX CULVERTS.

(2) TO BE USED FOR INFILL ON ALL CONCRETE ISLANDS.

(3) TO BE USED FOR ITEM NO. 604-07.13

(4) TO BE USED FOR NOISE WALL FROM STATION 547+00 RT TO 557+00 RT

(5) CONCRETE PARAPET IS NOT INCLUDED IN THE COST OF THE RETAINING WALL. SEE ITEM NO. 620-05.01

(6) ALL COST OF BUILDING AND INSTALLING THE RETAINING WALL, INCLUDING FOUNDATION PREPARATION, BACKFILLING, AND EXCAVATION SHALL BE INCLUDED IN THE SQUARE FOOTAGE COST OF THE RETAINING WALL. QUANTITIES FOR FOUNDATION PREPARATION, BACKFILL, AND EXCAVATION ARE REFLECTED IN THE END AREA CALCULATIONS ON CROSS SECTIONS AND IN GRADING QUANTITY ROADWAY ITEM 203-01, ROAD AND DRAINAGE EXCAVATION (C.Y.). FOR FURTHER INFORMATION ON RETAINING WALLS, SEE SHEETS, R-2, R-3, R-4, ETC.

(7) ITEMS INCLUDES LITTER AND TRASH REMOVAL. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY BUT INCLUDED IN THE COST OF ITEM NO. 806-02.03 PROJECT MOWING PER CYCLE.

(8) TO BE USED IN SCARIFIED AREA

(9) TO BE USED FOR INFILL OF 6-30 C&G ON MEDIANS ALONG GETWELL & GETWELL RAMP A

(10) THE BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED CULVERTS.

(11) INCLUDED 500 TON FOR EPSC

(12) INCLUDED 435 TON FOR EPSC

(13) SEE SUB-SECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT. ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.

(14) REFER TO STD. DWG. W-SG-1 FOR GRAVITY WALL TYPE RETAINING WALL

(15) FOR CONSTRUCTION OF DRIVEWAY ALONG OLD LAMAR ROAD TO APARTMENT

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

(17) THE COST OF ANY NECESSARY LIME TO BE USED IN CONJUCTION WITH SUPPLEMENTAL FERTILIZER IS TO BE INCLUDED IN THE COST OF THE SUPPLEMENTAL FERTILIZER. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

(18) CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION

(19) ITEM NUMBER 203-50 SHALL INCLUDE GEOTEXTILE (TYPE IV), BORROW EXCAVATION (GRADED SOLID ROCK) OR MACHINED RIP-RAP (CLASS A-1, CLASS B, OR CLASS C), MINERAL AGGREGATE (SIZE 57), AND TEMPORARY DRAINAGE PIPE (IF APPLICABLE). THE MINERAL AGGREGATE INCLUDES AN ADDITIONAL TEN (10) PERCENT FOR MAINTENANCE.

(20) FOR SOUTH ACCESS ROAD SIDE DRAIN

(21) THIS ITEM SHALL BE PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF ASSHTO MASH FOR TEST LEVEL 3. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.

(22) BID PRICE INCLUDES ALL SALVAGE VALUE OF MATERIAL. SEE TABULATED QUANTITIES SHEET NO. 2XX FOR REMOVAL OF BUILDINGS AND OBSTRUCTIONS DESCRIPTION BLOCK.

FOOTNOTES

(23) STANDARD DRAWING STD-1-7 (OR STD-1-11) IS TO BE USED FOR BURIAL OF THE OUTLET PIPE AND FOR END TREATMENT DETAILS

(24) INCLUDES 2000 GALLONS FOR EPSC

(25) FOR USE IN STREAM SEEDING

(26) NO MOW SIGNAGE FOR USE IN STR-12. POSTS CAN BE ORDERED THROUGH CARSONITE, A VALMONT COMPANY, ITEM NUMBERS ARE 72" BY 3.9" DUAL-SIDED FIBERGLASS MARKER (CIB307201), CUSTOM PROTECTED AREA DECAL PRE-APPLIED ON BOTH SIDES (21374NM-A).

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

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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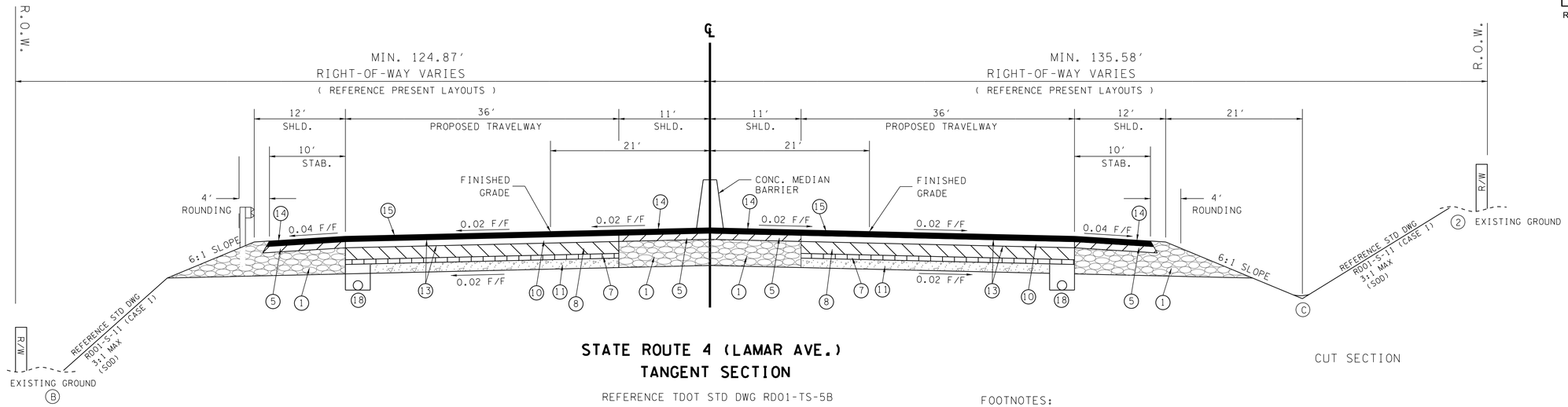
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B
PIH	2026	STP/NH-4(6)	2B

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



FILL SECTION

CUT SECTION

STATE ROUTE 4 (LAMAR AVE.) TANGENT SECTION

REFERENCE TDOT STD DWG RD01-TS-5B

STA 504+30.00 TO STA 507+47.98
STA 531+46.11 TO STA 534+66.00
STA 538+46.00 TO STA 539+21.70

FOOTNOTES:

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

Ⓑ SEE STANDARD DRAWING RD01-S-11 FOR ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES.

Ⓒ SEE STANDARD DRAWING RD01-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

PROPOSED PAVEMENT SCHEDULE

① **MINERAL AGGREGATE 16" THICK** 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"	⑦ **BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A-S" @ 3.00" THICK (APPROX. 318 LB./S.Y.)** 307-01.21 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A-S"	⑬ **TACK COAT** 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) AT 0.07 GALLONS/S.Y. * SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
② **MINERAL AGGREGATE 13" THICK** 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"	⑧ **BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A" @ 5.00" THICK (APPROX. 575 LB./S.Y.)** 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A"	⑭ **ASPHALTIC CONCRETE SURFACE (HOT MIX) PG64-22 GRADING "E" SHOULDERS @ 1.25" THICK (APPROX. 132.5 LB./S.Y.)** 411-01.07 ACS MIX (PG64-22) GRADING "E" SHOULDER
③ **MINERAL AGGREGATE 10" THICK** 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"	⑨ **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"	⑮ **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"
④ **MINERAL AGGREGATE 6" THICK** 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"	⑩ **BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "B-M2" @ 2.5" THICK (APPROX. 282.5 LB./S.Y.)** 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "B-M2"	⑯ **PORTLAND CEMENT CONCRETE PAVEMENT 10" THICK** 501-01.03 PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"
⑤ **BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22 GRADING "B-M2" @ 2.5" THICK (APPROX. 282.5 LB./S.Y.)** 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "B-M2"	⑪ **CEMENT TREATED BASE AT 8" THICK (GRAVEL)** 309-01.01 MINERAL AGGREGATE (A-CBC) 309-01.02 PORTLAND CEMENT (A-CBC) 309-02 BITUMINOUS MATERIAL (A-CBC)	⑰ **PORTLAND CEMENT CONCRETE PAVEMENT 12" THICK** 501-01.05 PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 12"
⑥ **TREATED PERMEABLE BASE 4" THICK** 313-03 TREATED PERMEABLE BASE (S.Y.)	⑫ **PRIME COAT** 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) AT (0.30-0.35 GAL/SQ. YD.) 402-02 AGGREGATE FOR COVER MATERIAL (PC) AT (8-12 LB./SQ. YD.)	⑱ **UNDERDRAIN (SEE STD. RD-UD-3)** 710-02 AGGREGATE UNDERDRAIN (WITH PIPE)

PLAN IN HAND

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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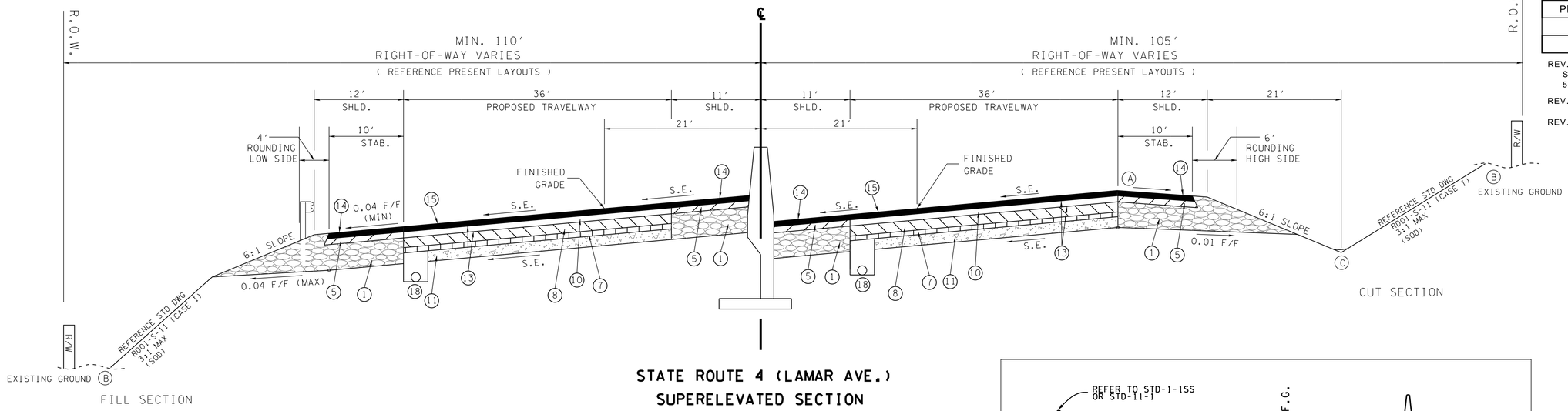
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B1
PIH	2026	STP/NH-4(6)	2B1

REV. 11-29-21: REVISED AUX. LANE FROM STA. 540+00.00 LT. TO STA. 562+90.00 LT.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

REV. 02-25-26: ADDED WALL # 1 & 7.



STATE ROUTE 4 (LAMAR AVE.) SUPERELEVATED SECTION

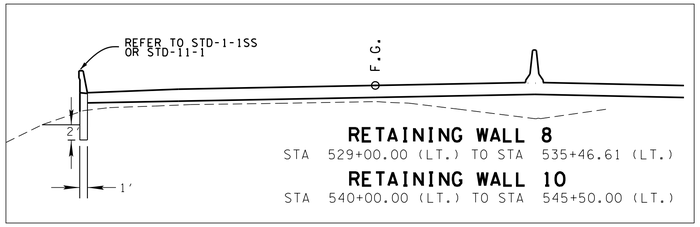
(BASED ON STD. DWG. RD01-TS-5B)

STA 507+47.98 TO STA 531+46.11

STA 539+21.70 TO STA 555+54.61

FOOTNOTES:

- (A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07 FOOT PER FOOT.
- (B) SEE STANDARD DRAWING RD01-S-11 FOR ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES.
- (C) SEE STANDARD DRAWING RD01-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.
- (D) S.E. VARIES FROM 0.051 F/F TO 0.015 F/F

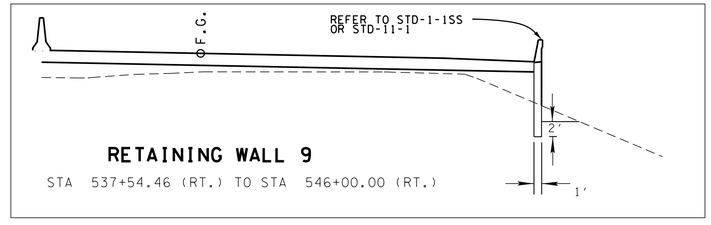


RETAINING WALL 8

STA 529+00.00 (LT.) TO STA 535+46.61 (LT.)

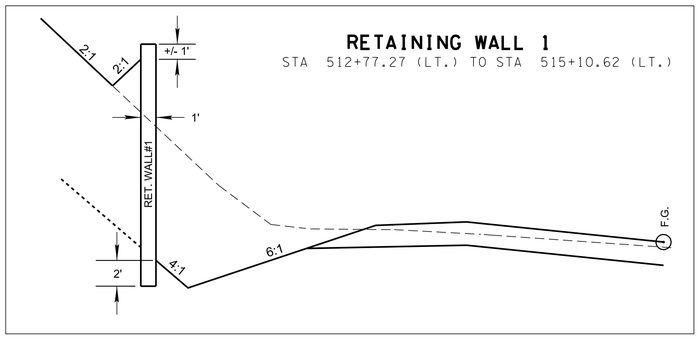
RETAINING WALL 10

STA 540+00.00 (LT.) TO STA 545+50.00 (LT.)



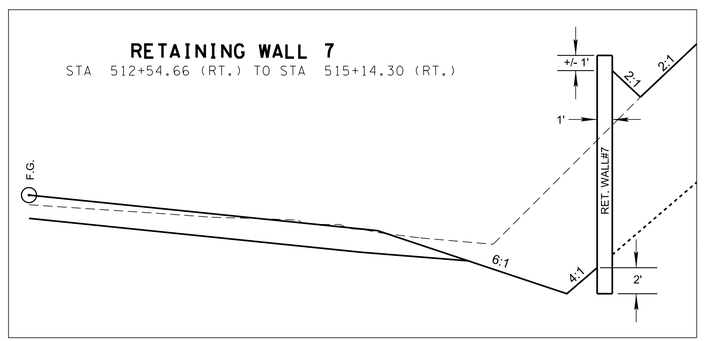
RETAINING WALL 9

STA 537+54.46 (RT.) TO STA 546+00.00 (RT.)



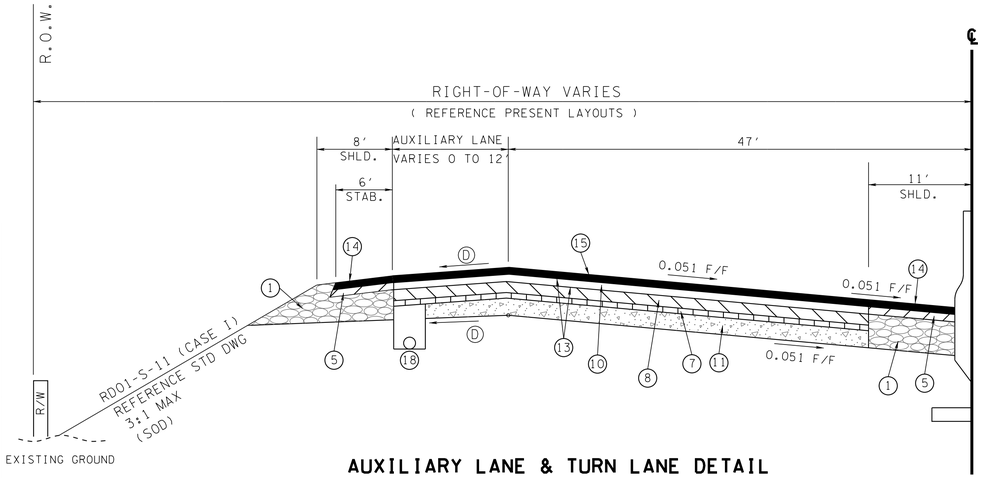
RETAINING WALL 1

STA 512+77.27 (LT.) TO STA 515+10.62 (LT.)



RETAINING WALL 7

STA 512+54.66 (RT.) TO STA 515+14.30 (RT.)



AUXILIARY LANE & TURN LANE DETAIL

CASE WHERE AUXILIARY LANE CROSS SLOPE DIFFERS FROM MAINLINE

(REFER TO C&G TYPICAL FOR STATION 560+00 (LT.) AND 556+00 (RT.) TO EOP.)

STA. 509+93.81 TO 523+96.50 (RT)
STA. 527+96.13 TO 532+10.00 (LT)
STA. 529+53.66 TO 523+85.39 (RT)
STA. 537+81.83 TO 541+00.00 (RT)
STA. 540+00.00 TO 560+00.00 (LT)
STA. 580+00.00 TO 588+98.52 (RT)
STA. 594+50.00 TO 596+21.62 (RT)
STA. 599+87.62 TO 601+84.92 (LT)

NOTES:
AUXILIARY LANE TYPICALY 12' LANES EXCEPT STA. 531+55.96 TO STA. 541+00.00 RT TO MAINTAIN 11'.

PLAN IN HAND

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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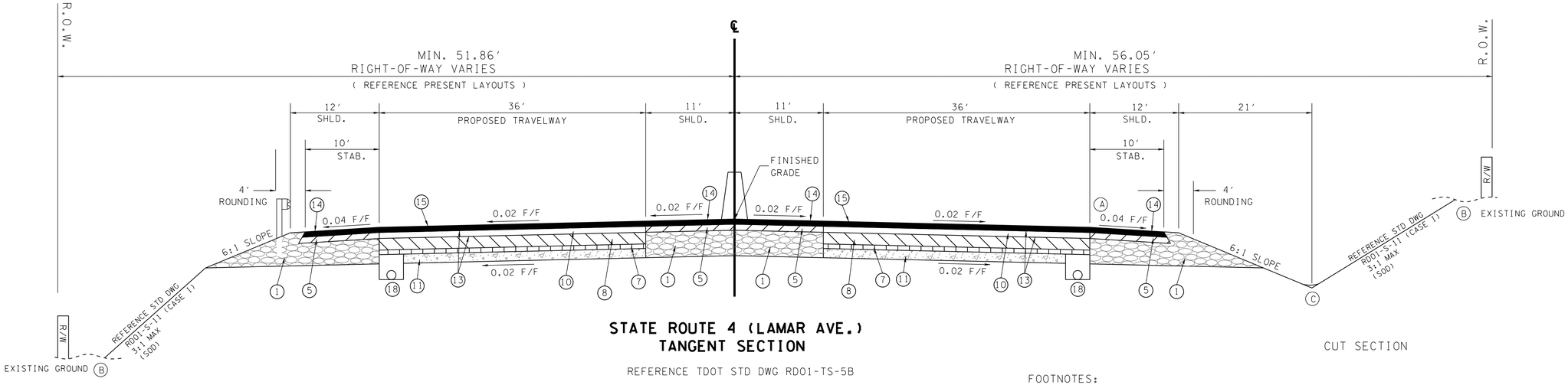
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B2
PIH	2026	STP/NH-4(6)	2B2

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REMOVED WALL # 2 & #3.



FILL SECTION

STATE ROUTE 4 (LAMAR AVE.) TANGENT SECTION

REFERENCE TDOT STD DWG RD01-TS-5B

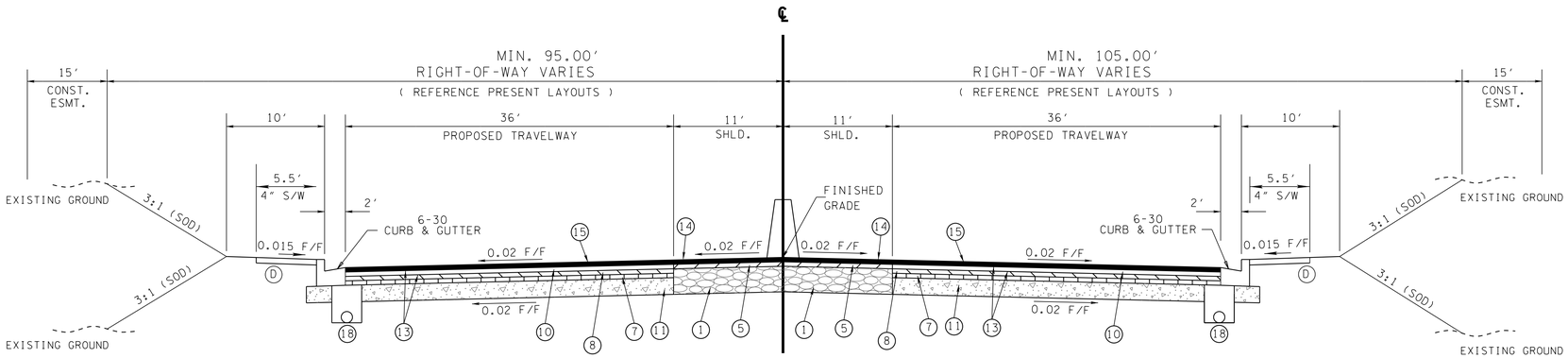
STA 555+54.61 (LT.) TO STA 560+00.00 (LT.)
STA 555+54.61 (RT.) TO STA 556+00.00 (RT.)

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

CUT SECTION

FOOTNOTES:

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07 FOOT PER FOOT.
(B) SEE STANDARD DRAWING RD01-S-11 FOR ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES.
(C) SEE STANDARD DRAWING RD01-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.
(D) SIDEWALK STA. 579+86.17 LT. TO STA. 580+00.00 LT.
SIDEWALK STA. 578+95.19 RT. TO STA. 580+00.00 RT.



STATE ROUTE 4 (LAMAR AVE.) TANGENT SECTION

REFERENCE TDOT STD DWG RD01-TS-5B

STA 560+00.00 (LT.) TO STA. 569+78.00 (LT.)
STA 556+00.00 (RT.) TO STA. 569+78.00 (RT.)
STA 571+48.00 TO STA. 580+00.00

NOTES:
CURB & GUTTER TO BE TERMINATED BEFORE AND AFTER BRIDGE.

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

PLAN IN HAND

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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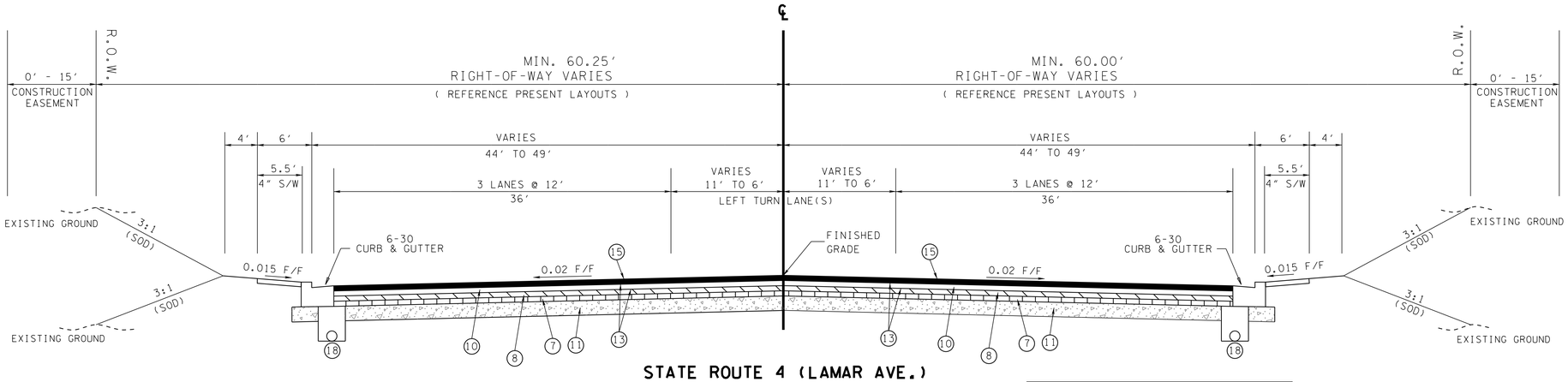
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B3
PIH	2026	STP/NH-4(6)	2B3

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 07-28-25: REVISED CONST. ESM'T. S.R. 4 C&G TYPICAL.
REV. 02-25-26: REVISED RIGHT TRAVELWAY & SHLD. OF BRIDGE OVER BNSF.REMOVED SIDEWALK FROM BRIDGE OVER WINCHESTER.

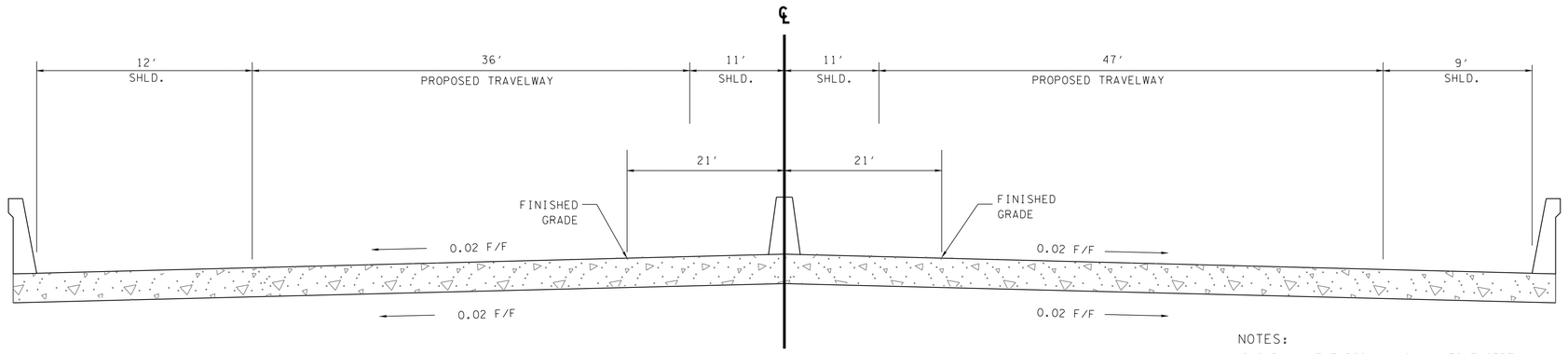


STATE ROUTE 4 (LAMAR AVE.)

(BASED ON STD. DWG. RD01-TS-6A)

STA 580+00.00 TO STA 601+84.92

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

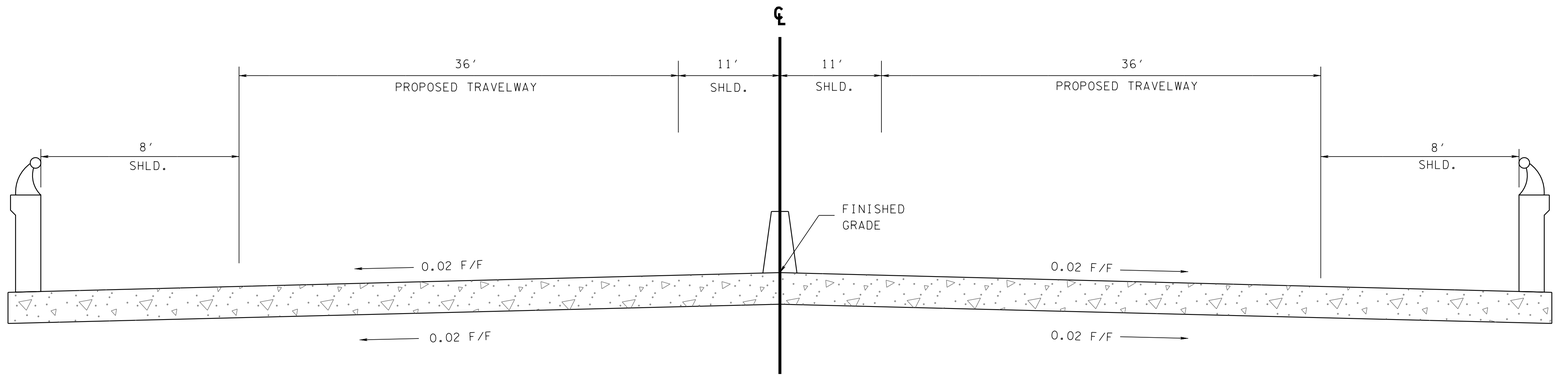


STATE ROUTE 4 (LAMAR AVE.) BRIDGE SECTION OVER BNSF

BRIDGE ID: 79SR0040009

STA 534+66.00 TO STA 538+46.00

NOTES:
AUXILIARY LANE TYPICALY 12' LANES EXCEPT STA. 534+66.00 TO STA. 538+46.00 RT TO MAINTAIN 11'.



STATE ROUTE 4 (LAMAR AVE.) BRIDGE SECTION OVER WINCHESTER

BRIDGE ID: 79SR00400xx

STA 569+57.93 TO STA 571+67.92

PLAN IN HAND

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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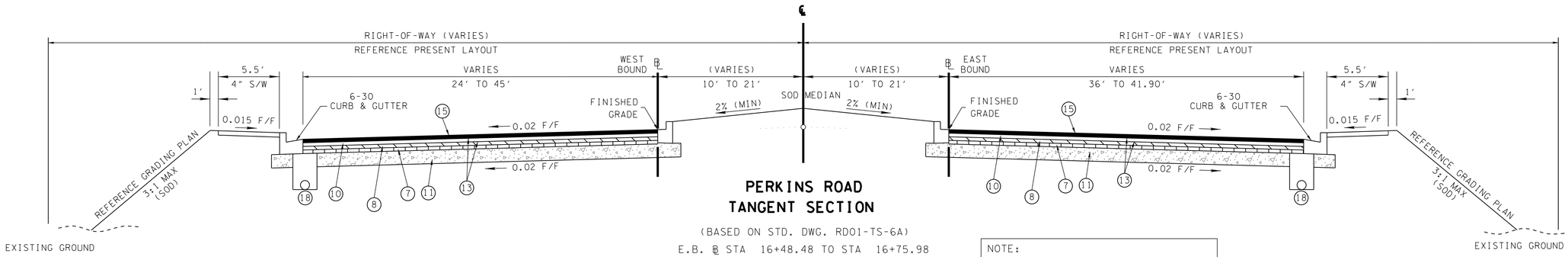
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B4
PIH	2026	STP/NH-4(6)	2B4

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED PERKINS BRIDGE TYPICAL SECTION. ADDED NOTE WHERE 11' LANES TO BE MAINTAINED.



PERKINS ROAD
TANGENT SECTION

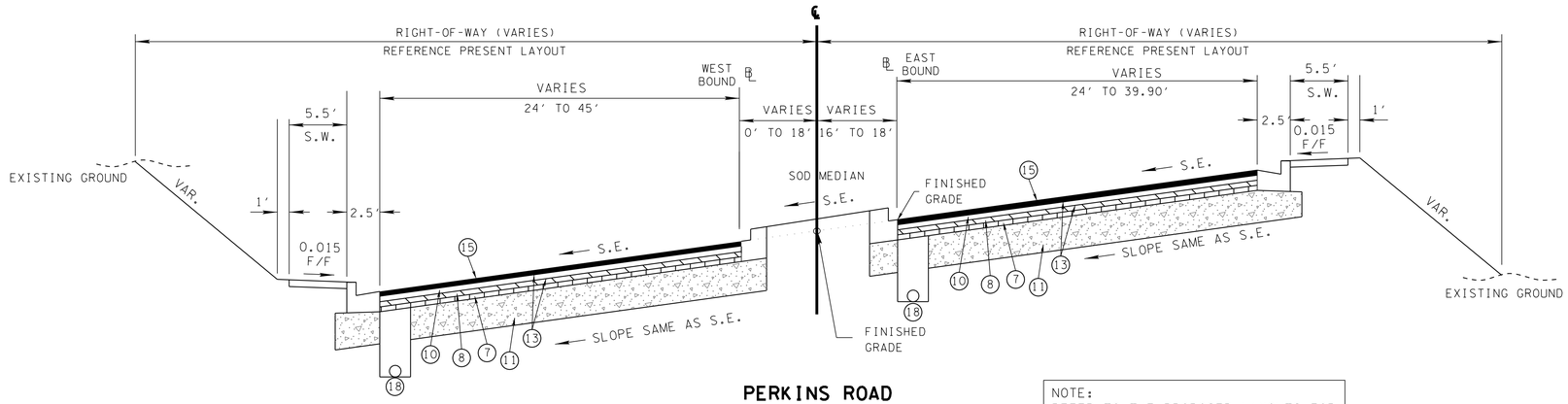
(BASED ON STD. DWG. RD01-TS-6A)

E.B. ℄ STA 16+48.48 TO STA 16+75.98
E.B. ℄ STA 19+81.14 TO STA 26+64.67
W.B. ℄ STA 16+05.16 TO STA 16+55.34
W.B. ℄ STA 19+60.44 TO STA 26+41.92

NOTES:

PERKINS ROAD TYPICALY 12' LANES EXCEPT W.B. ℄ STA. 16+05.16 TO STA. 16+55.34 AND STA. 19+60.44 TO STA. 23+00.00 TO MAINTAIN 11' LANES SECTION.

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.



PERKINS ROAD
SUPERELEVATED SECTION

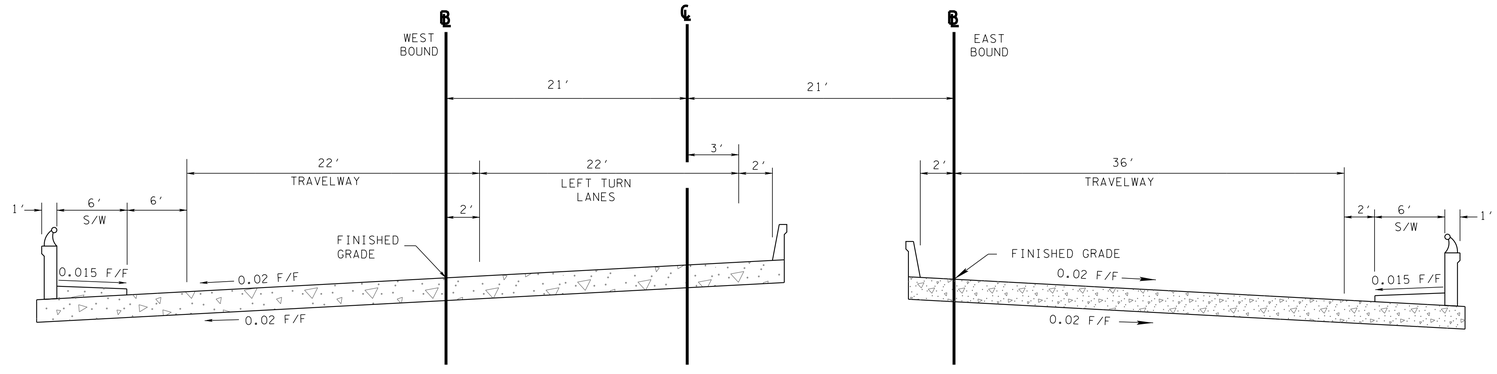
(BASED ON STD. DWG. RD01-TS-6A)

E.B. ℄ STA 9+00.00 TO STA 16+48.48
W.B. ℄ STA 10+90.85 TO STA 16+05.16

NOTES:

PERKINS ROAD TYPICALLY 12' LANES EXCEPT W.B. ℄ STA. 14+15.72 TO STA. 16+05.16 TO MAINTAIN 11' LANES SECTION.

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.



PERKINS ROAD BRIDGE SECTION OVER S.R. 4 (LAMAR AVE.)
TANGENT SECTION

BRIDGE ID: 79SR0040005RL & 749SR0040006LL

E.B. ℄ STA 16+75.98 TO ℄ STA 19+81.14
W.B. ℄ STA 16+55.34 TO ℄ STA 19+60.44

NOTES:

PERKINS ROAD TYPICALLY 12' LANES EXCEPT W.B. ℄ STA. 16+55.34 TO STA. 19+60.44 TO MAINTAIN 11' LANES SECTION.

PLAN IN HAND

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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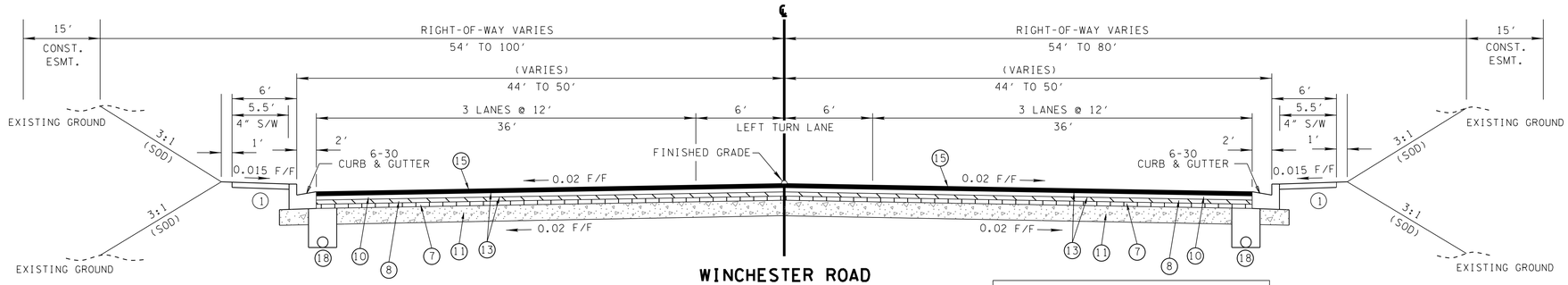
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B5
PIH	2026	STP/NH-4(6)	2B5

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED WALL # 11 & #12.



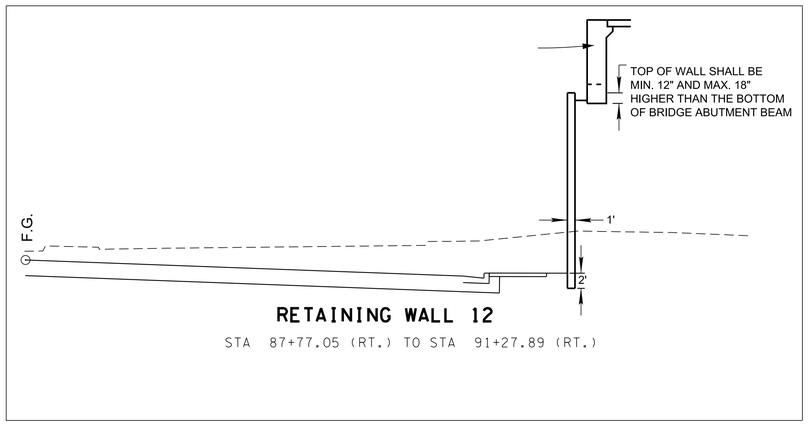
WINCHESTER ROAD TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-6A)

STA 83+50.00 TO STA 97+00.00

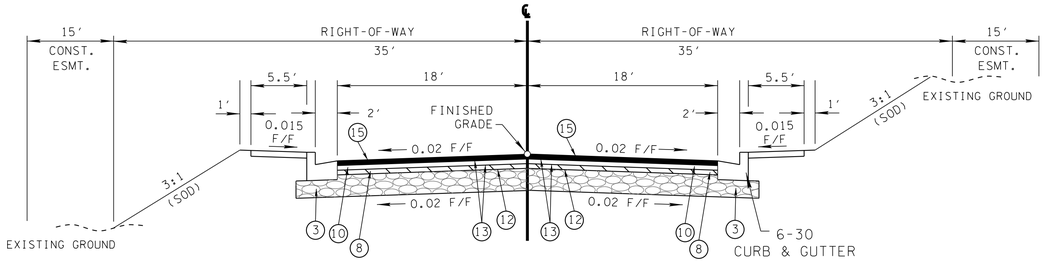
NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

ABUTMENT ENDWALL



RETAINING WALL 12

STA 87+77.05 (RT.) TO STA 91+27.89 (RT.)



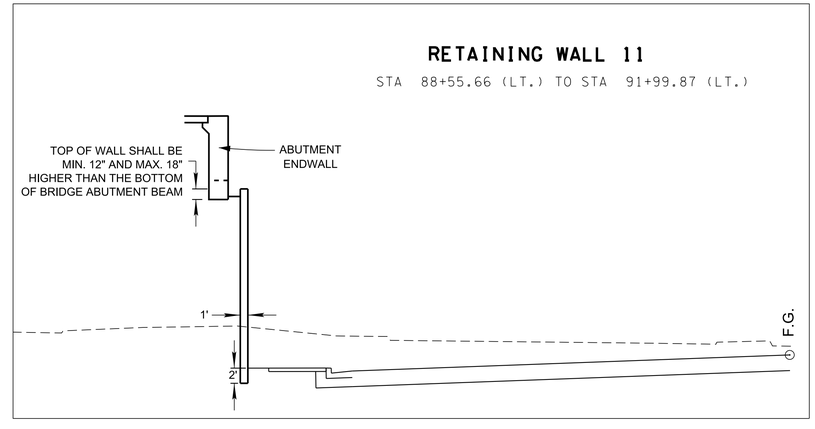
CLEARPOOL CIRCLE TANGENT SECTION

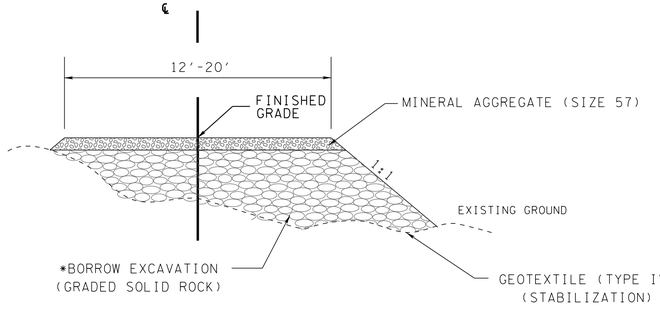
(BASED ON STD. DWG. RD01-TS-1)

(FOR REFERENCE ONLY)

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

PLAN IN HAND





S.R. 4 BRIDGE OVER BNSF

HAUL ROAD
TYPICAL SECTION

*NOTE: IF CONSTRUCTION IN AREAS THAT ARE EITHER DRY OR UNSATURATED, HAUL ROAD SHALL BE CONSTRUCTED OF BORROW EXCAVATION (GRADED SOLID ROCK). IF CONSTRUCTED IN WATER OR IN AN AREA WITHIN FLOODPLAIN IN THE CASE OF A 5 YEAR STORM EVENT, ONE OF THE FOLLOWING MATERIALS SHALL BE USED IN LIEU OF BORROW EXCAVATION (GRADED SOLID ROCK):
- MACHINED RIP-RAP (CLASS A-1)
- MACHINED RIP-RAP (CLASS B)
- MACHINED RIP-RAP (CLASS C)

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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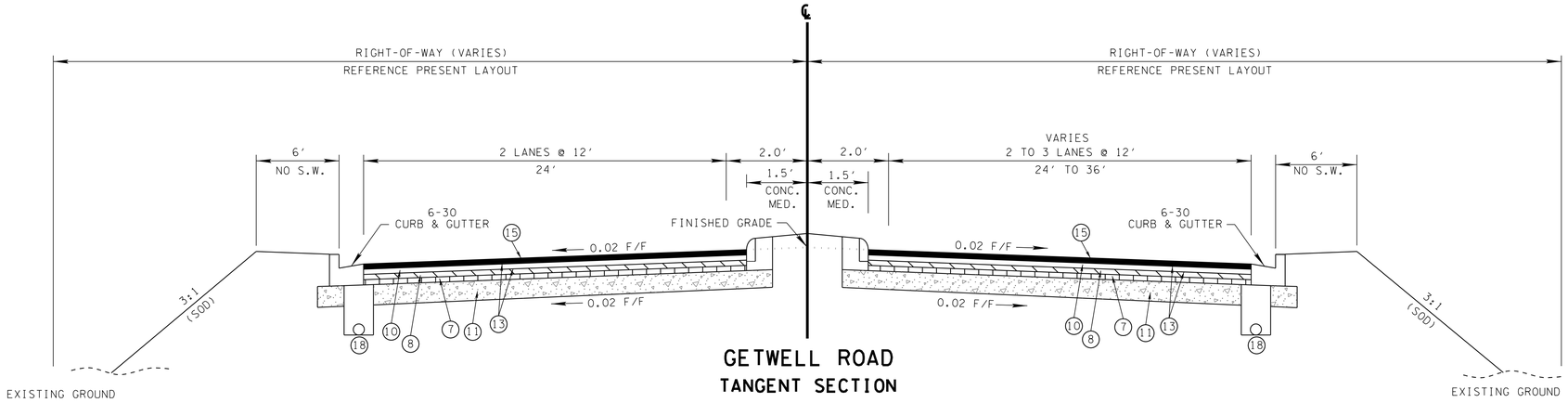
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B6
PIH	2026	STP/NH-4(6)	2B6

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REMOVED SIDEWALK FROM BRIDGE SECTION. REVISED WALL #5 & 6. REVISED TANGENT SECTION & BRIDGE STATIONING.

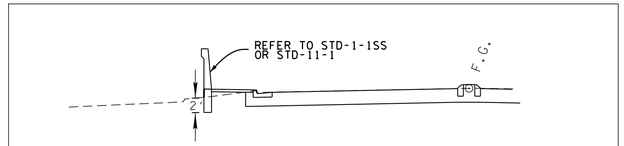


GETWELL ROAD
TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-6A)

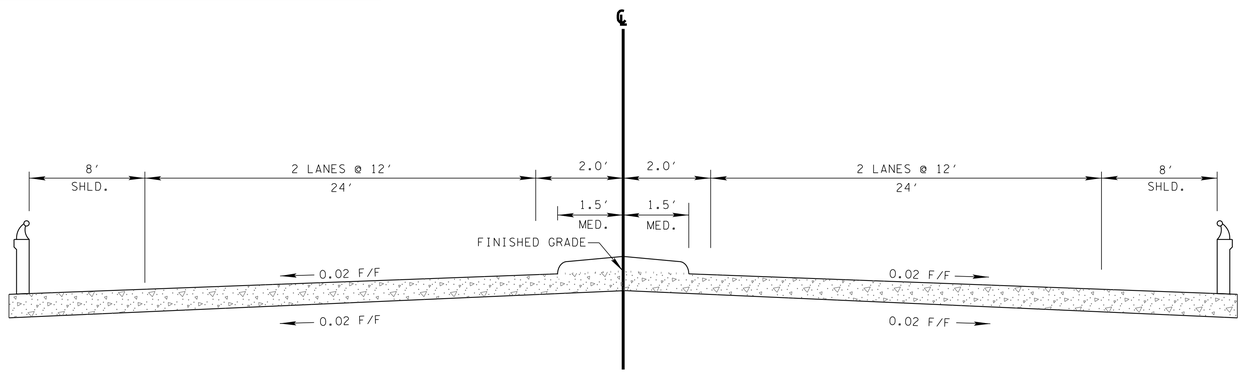
STA 143+75.00 TO STA 146+83.91
STA 149+33.91 TO STA 152+70.00

NOTES:
CURB & GUTTER TO BE TERMINATED BEFORE AND AFTER BRIDGE.



RETAINING WALL 5
STA 144+00.00 (LT.) TO STA 146+96.62 (LT.)

RETAINING WALL 6
STA 149+46.62 (LT.) TO STA 150+00.00 (LT.)



GETWELL ROAD BRIDGE SECTION OVER STATE ROUTE 4 (LAMAR AVE.)
TANGENT SECTION

BRIDGE ID: 79SR0040013
STA 146+83.91 TO STA 149+33.91

PLAN
IN
HAND

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TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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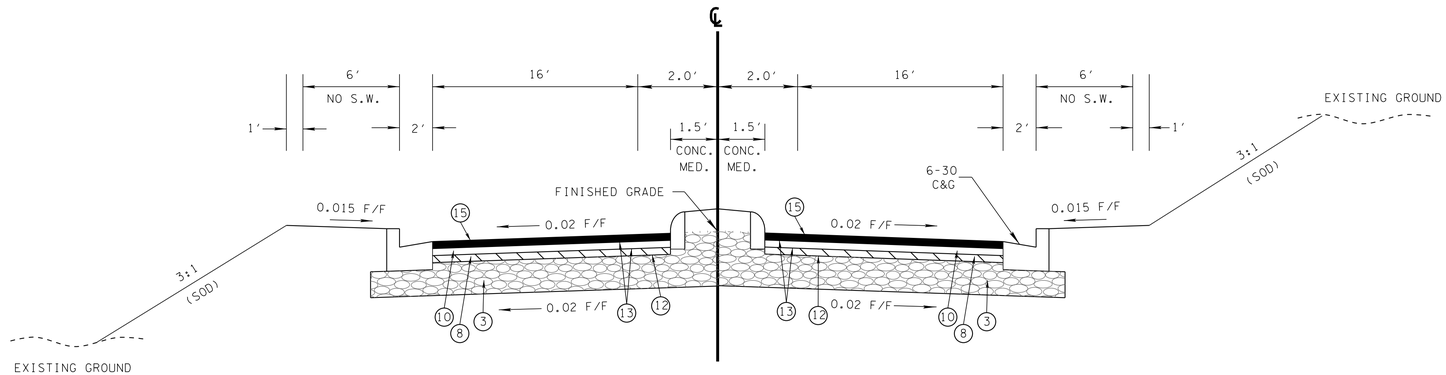
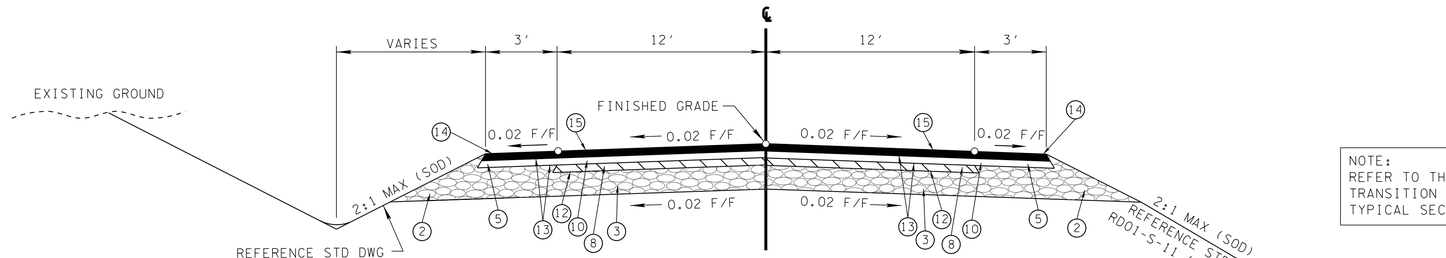
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B7
PIH	2026	STP/NH-4(6)	2B7

REV. 11-29-21: ADDED SOUTH ACCESS DRIVE TYPICAL SECTION.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



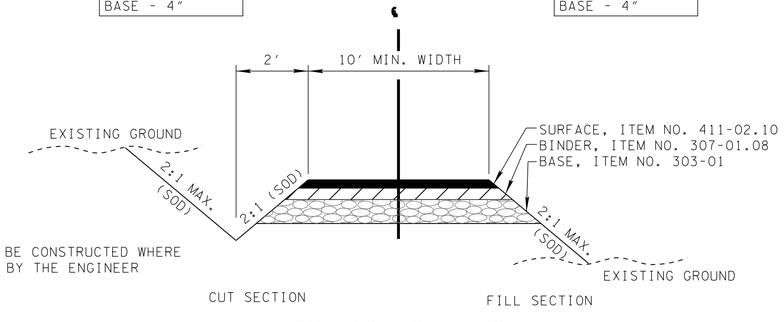
GETWELL RD. RAMP A ENTRANCE (S.R. 4 STA. 596+91.65)
EX. TANGENT SECTION
(FOR REFERENCE ONLY)



NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

SOUTH ACCESS DRIVE
TANGENT SECTION
(BASED ON STD. DWG. RD01-TS-1A)
STA 301+19.00 TO STA 302+81.08

BUSINESS	FIELD OR RESIDENTIAL
SURFACE - 1¼" BINDER - 1¾" BASE - 4"	SURFACE - 1½" BINDER - NONE BASE - 4"



NOTE: DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

TYPICAL SECTION
PRIVATE DRIVE TO BUSINESS,
FIELD, OR RESIDENTIAL PROPERTY

PLAN
IN
HAND

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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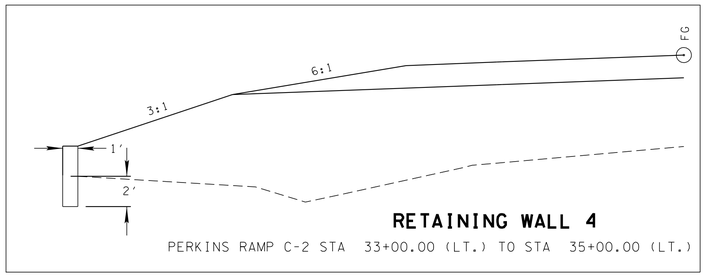
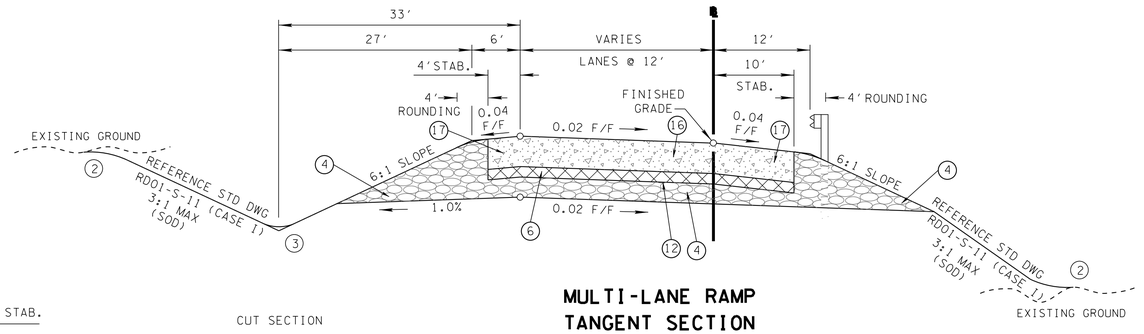
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B8
PIH	2026	STP/NH-4(6)	2B8

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



RETAINING WALL 4

PERKINS RAMP C-2 STA 33+00.00 (LT.) TO STA 35+00.00 (LT.)



CUT SECTION

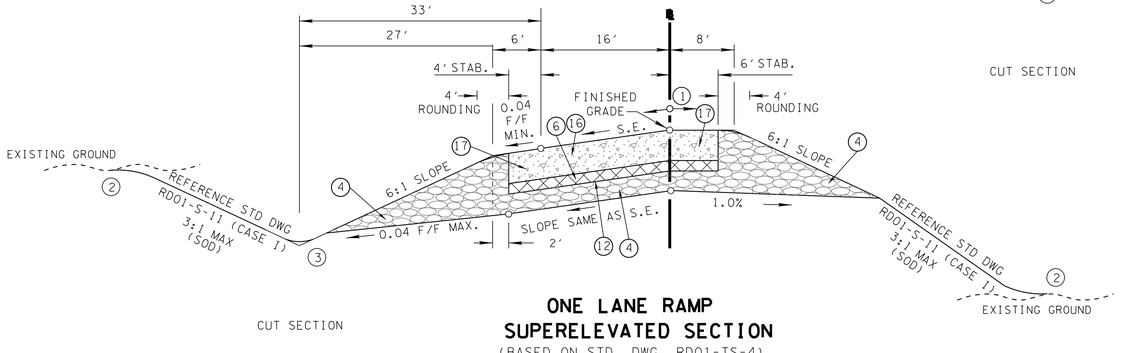
MULTI-LANE RAMP TANGENT SECTION

(BASED ON STD. DWG. RDO1-TS-4)

PERKINS RAMP A STA 14+36.57 TO STA 15+55.57
PERKINS RAMP C1 STA 10+94.11 TO STA 17+00.00
PERKINS RAMP C2 STA 30+50.00 TO STA 36+19.64

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

FILL SECTION



CUT SECTION

ONE LANE RAMP SUPERELEVATED SECTION

(BASED ON STD. DWG. RDO1-TS-4)

PERKINS RAMP A STA 5+00.00 TO STA 9+35.60
PERKINS RAMP A1 STA 15+50.00 TO STA 17+61.40
PERKINS RAMP C-1 STA 17+00.00 TO STA 19+95.00
PERKINS RAMP C-1A STA 6+17.00 TO STA 8+60.17
PERKINS RAMP C-2 STA 28+50.00 TO STA 30+50.00
PERKINS RAMP C-2A STA 33+50.00 TO STA 35+72.44
PERKINS RAMP D STA 6+93.10 TO STA 7+25.00
PERKINS RAMP D STA 15+00.00 TO STA 16+04.88
PERKINS RAMP F STA 14+50.00 TO STA 16+24.72
PERKINS RAMP F1 STA 6+85.57 TO STA 7+50.00
WINCHESTER RAMP B STA 13+54.07 TO STA 17+00.00

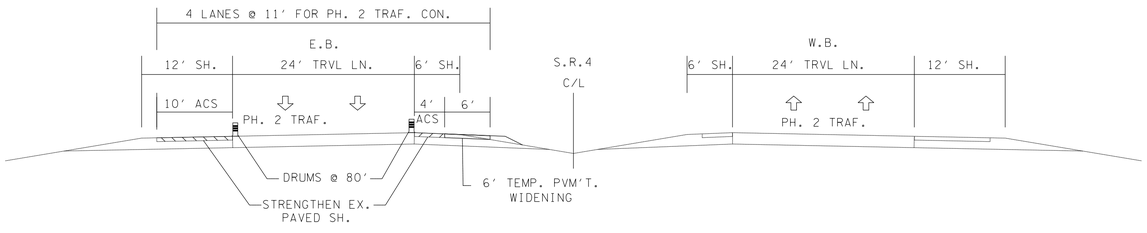
NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

FILL SECTION

FOOTNOTES:

1. THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07 FOOT PER FOOT.
2. SEE STANDARD DRAWING RDO1-S-11 FOR ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES.
3. SEE STANDARD DRAWING RDO1-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

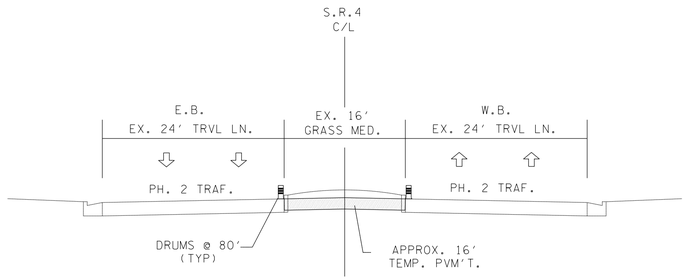
PLAN IN HAND



PHASE 2 CONSTRUCTION

FROM STA. 504+30 (B.O.P.) TO APPROX. STA. 554+50

1. STRENGTHEN EX. PAVED SH. ONE SIDE AT A TIME (10' OUTSIDE/4' INSIDE)
2. ADD 6' TEMP. PVM'T. WIDENDING IN THE MEDIAN.



PHASE 2 CONSTRUCTION

FROM APPROX. STA. 585+00 TO STA. 597+00

1. REMOVE GRASS MEDIAN (WHERE PRESENT) AND CONSTRUCT TEMP. PVM'T.

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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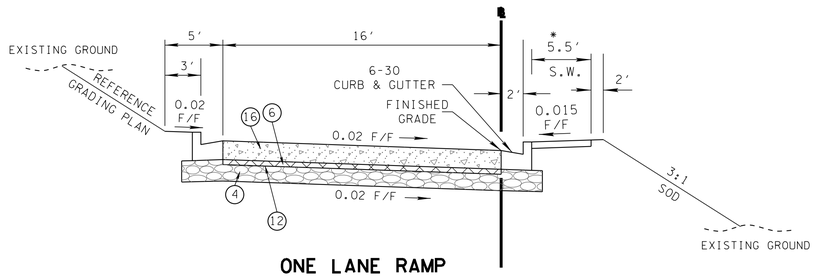
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B9
PIH	2026	STP/NH-4(6)	2B9

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED WALL # 2 & #3.



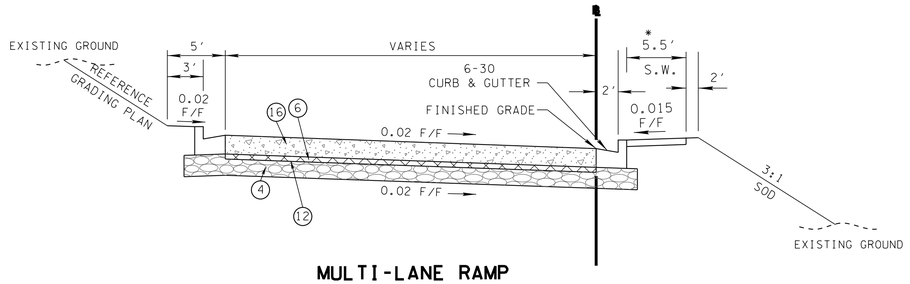
ONE LANE RAMP TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-4)

WINCHESTER RAMP A STA 5+00.00 TO STA 12+92.91
WINCHESTER RAMP A1 STA 15+75.00 TO STA 17+47.46
WINCHESTER RAMP B STA 11+88.59 TO STA 13+54.07
WINCHESTER RAMP C STA 5+00.00 TO STA 12+08.28
WINCHESTER RAMP C1 STA 14+88.28 TO STA 16+23.73
WINCHESTER RAMP D STA 12+50.60 TO STA 12+79.21
GETWELL RAMP B STA 2+21.52 TO STA 2+55.00

*NOTE:- 5' GRASS STRIP WHEN SIDEWALK IS NOT PRESENT.

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.



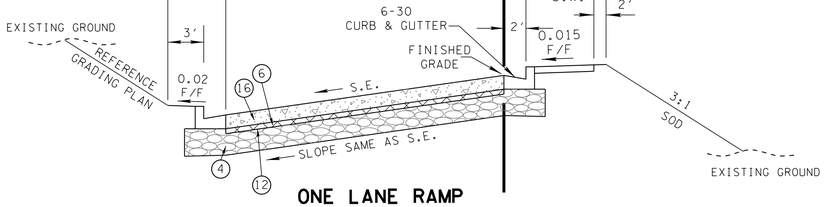
MULTI-LANE RAMP TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-4)

WINCHESTER RAMP A STA 12+92.91 TO STA 17+58.01
WINCHESTER RAMP B STA 7+88.59 TO STA 11+88.59
WINCHESTER RAMP C STA 12+08.28 TO STA 16+24.88
WINCHESTER RAMP D STA 8+50.60 TO STA 12+50.60
GETWELL RAMP C STA 8+45.00 TO STA 8+91.00

*NOTE:- 5' GRASS STRIP WHEN SIDEWALK IS NOT PRESENT.

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.



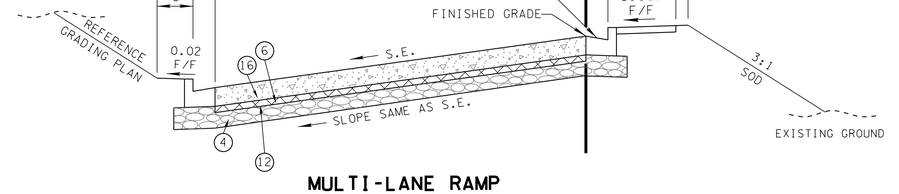
ONE LANE RAMP SUPERELEVATED SECTION

(BASED ON STD. DWG. RD01-TS-4)

WINCHESTER RAMP B STA 13+54.07 TO STA 17+00.00
WINCHESTER RAMP B1 STA 4+45.00 TO STA 6+88.59
WINCHESTER RAMP D STA 12+79.21 TO STA 17+29.21
WINCHESTER RAMP D1 STA 5+00.00 TO STA 7+50.60

*NOTE:- 5' GRASS STRIP WHEN SIDEWALK IS NOT PRESENT.

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.



MULTI-LANE RAMP SUPERELEVATED SECTION

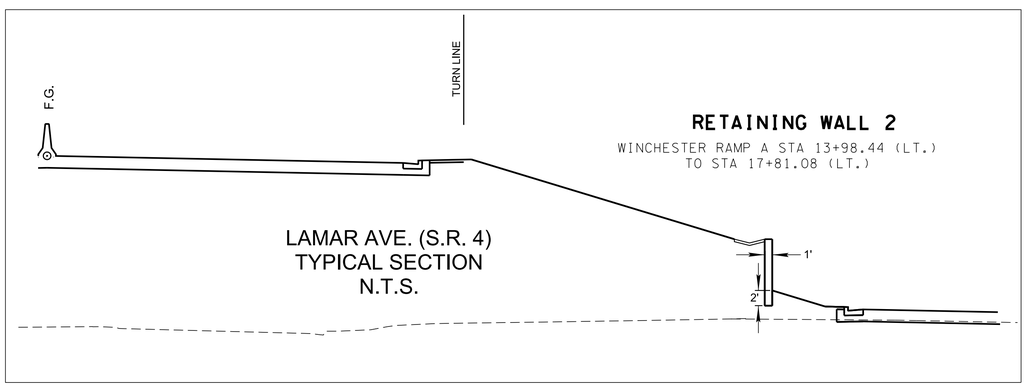
(BASED ON STD. DWG. RD01-TS-4)

WINCHESTER RAMP B STA 6+07+17 TO STA 7+88.59
WINCHESTER RAMP D STA 6+39.42 TO STA 8+50.60

*NOTE:- 5' GRASS STRIP WHEN SIDEWALK IS NOT PRESENT.

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

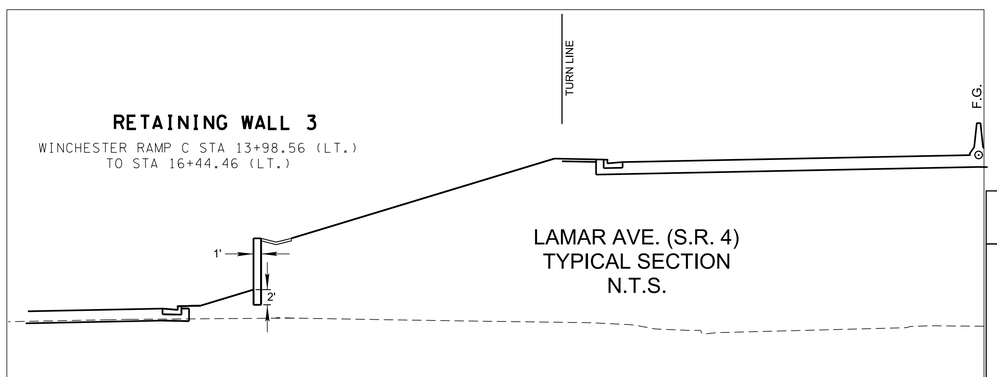
PLAN IN HAND



RETAINING WALL 2

WINCHESTER RAMP A STA 13+98.44 (LT.) TO STA 17+81.08 (LT.)

LAMAR AVE. (S.R. 4)
TYPICAL SECTION
N.T.S.



RETAINING WALL 3

WINCHESTER RAMP C STA 13+98.56 (LT.) TO STA 16+44.46 (LT.)

LAMAR AVE. (S.R. 4)
TYPICAL SECTION
N.T.S.

NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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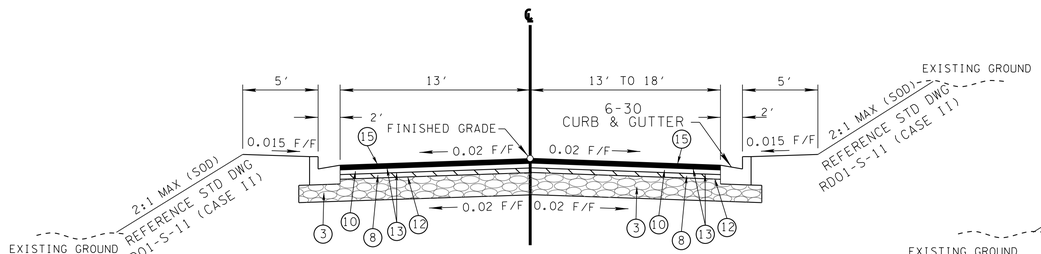
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B10
PIH	2026	STP/NH-4(6)	2B10

REV. 11-29-21: ADDED SHEET.

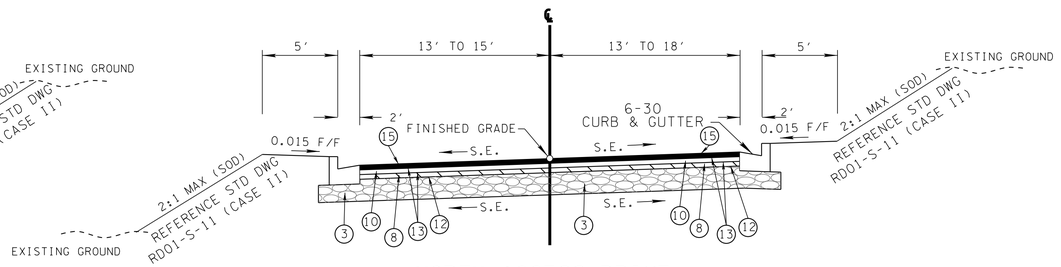
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



NORTH ACCESS DRIVE
TANGENT SECTION

(BASED ON STD. DWG. RDO1-TS-6A)
STA 228+86.74 TO STA 230+35.35 (RT.)

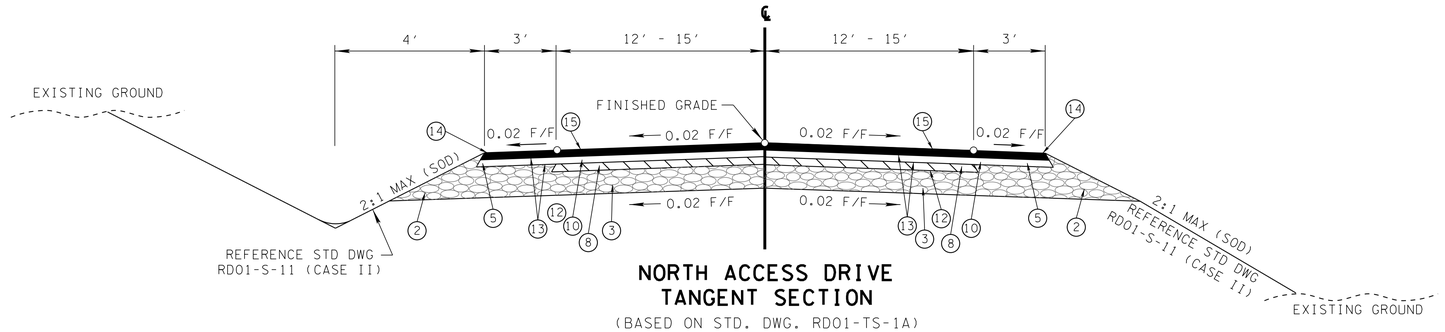
NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.



NORTH ACCESS DRIVE
SUPERELEVATED SECTION

(BASED ON STD. DWG. RDO1-TS-6A)
STA 230+35.35 TO STA 231+79.43

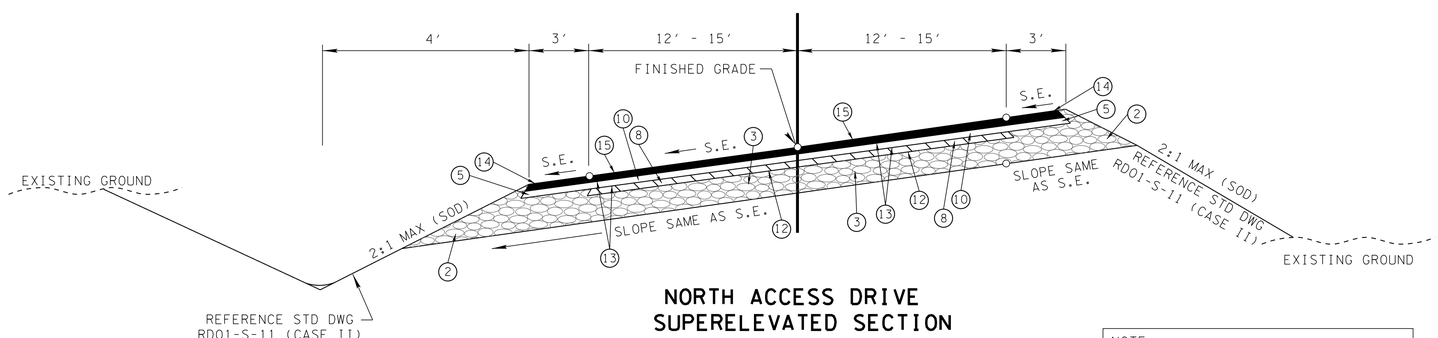
NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.



NORTH ACCESS DRIVE
TANGENT SECTION

(BASED ON STD. DWG. RDO1-TS-1A)
STA 235+98.96 TO STA 236+55.71

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.



NORTH ACCESS DRIVE
SUPERELEVATED SECTION

(BASED ON STD. DWG. RDO1-TS-1A)
STA 231+79.43 TO STA 235+98.96
STA 236+55.71 TO STA 239+12.86
STA 239+12.86 (LT.) TO STA 239+45.67 (LT.)

NOTE:
REFER TO THE PROPOSED LAYOUTS FOR TRANSITION DETAILS NOT SHOWN ON TYPICAL SECTION.

PLAN
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STATE OF TENNESSEE
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TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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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**

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.

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

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

GUARDRAIL

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

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

DRAINAGE

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

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

(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).

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

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

FENCING

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

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

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

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

MISCELLANEOUS

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

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

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

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

(2) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 712-09.08, REMOVABLE PAVEMENT MARKING (6” LINE), L.F.

(4) WIDE (8 INCH) TEMPORARY PAVEMENT MARKING LINE WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 712-09.02 REMOVABLE PAVEMENT MARKING (8” BARRIER LINE), L.F.

FINAL PAVEMENT MARKING

(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.

DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

(16) THE PAVEMENT MARKING ON THE MEDIAN CROSSOVER & LANE SHIFT FOR CENTERLINE,EDGELINES AND LANE LINES WILL BE INSTALLED AND MAINTAINED TO THE SAME STANDARDS AS FOR PERMANENT MARKINGS ON THE MAIN ROADWAY. THESE MARKINGS SHALL BE IN PLACE PRIOR TO ALLOWING TRAFFIC ONTO THE PAVEMENT. THESE PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 712-09.08, L.F.

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

SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

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

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.

SIGNING

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

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

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

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

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

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

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

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

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

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

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

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TRAFFIC CONTROL DIRECTIONAL SIGNING

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

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

(3) ALL WORK AND MATERIAL TO MAKE THESE NEW TEMPORARY DIRECTIONAL SIGNS ALONG WITH ADEQUATE SUPPORTS AND TO MOVE THEM AS NEEDED DURING EACH PHASE OF CONSTRUCTION WILL BE PAID FOR UNDER ITEM NO. 712-06 , AS DIRECTED BY THE ENGINEER.

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

(5) ALL EXISTING “EMERGENCY REFERENCE MARKERS” AND “HOSPITAL SIGNS” SHALL BE MAINTAINED WITHIN FULL VIEW OF THE MOTORING PUBLIC THROUGHOUT ALL PHASES OF CONSTRUCTION. ALL WORK IN MOVING AND TEMPORARY SUPPORTS SHALL BE PAID FOR UNDER ITEM NO. 712-06

(6) WHEN “LOGO” SIGNS ARE ON ACCESS CONTROLLED AND INTERSTATE RECONSTRUCTION AND NEW CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THESE SIGNS IN FULL VIEW TO THE MOTORING PUBLIC DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO THE DEPARTMENT FOR THE REIMBURSEMENT OF THE SIGN FACE IF IT IS DAMAGED. ALL WORK IN MOVING THESE “LOGO” SIGNS AND THE TEMPORARY SUPPORTS ARE TO BE PAID FOR UNDER ITEM NO. 712-06, AS DIRECTED BY THE ENGINEER. THE SUPPORTS FOR THE FINAL LOCATION OF THESE SIGNS WILL BE PAID FOR UNDER OTHER ITEMS OF CONSTRUCTION.

(7) WHEN EXISTING “TOURIST ORIENTED DIRECTIONAL SIGNS” (TODS) ARE ON NON-ACCESS CONTROLLED CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THESE SIGNS IN FULL VIEW TO THE MOTORING PUBLIC DURING ALL PHASES OF CONSTRUCTION. ALL WORK IN MOVING THESE “TODS” AND TEMPORARY SUPPORTS ARE TO BE PAID FOR UNDER ITEM NO. 712-06 , AS DIRECTED BY THE ENGINEER. NEW SUPPORTS AND SIGN FACE FOR FINAL LOCATION WILL BE PAID FOR UNDER OTHER ITEMS OF CONSTRUCTION.

SIGNALIZATION

(1) EQUIPMENT AND INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH TDOT STANDARD SPECIFICATIONS, SECTION 730.

(4) EQUIPMENT AND INSTALLATION SHALL COMPLY WITH THE TDOT “SPECIAL PROVISIONS REGARDING SECTION 730M-TRAFFIC SIGNALS.”

(6) SALVAGEABLE EQUIPMENT SHALL BECOME THE PROPERTY OF THE CITY OF MEMPHIS AND SHALL BE STOCKPILED AT A LOCATION DESIGNATED BY THE ENGINEER FOR PICKUP BY THE CITY.

(8) ANY SIGNAL HEADS, WHEN VISIBLE TO DRIVERS BUT NOT OPERATIONAL, SHALL BE COMPLETELY COVERED.

(9) AN ADVANCE FLASH OPERATION PERIOD IS REQUIRED TO MAKE MOTORISTS AWARE OF THE PRESENCE OF NEW SIGNAL HEADS. NEW SIGNAL HEADS SHALL BE PUT IN FLASH OPERATION FOR MINIMUM OF SEVEN (7) CALENDAR DAYS UP TO FOURTEEN (14) CALENDAR DAYS PRIOR TO ACTIVATION OF NORMAL TRAFFIC SIGNAL OPERATION. OTHER FLASH OPERTATION TIME PERIODS MAY BE CONSIDERED UPON WRITTEN APPROVAL FROM THE REGIONAL TRAFFIC ENGINEER.

(10) THE CONTRACTOR SHALL CONTACT CITY OF MEMPHIS TRAFFIC ENGINEER AT (901) 636-6710 A MINIMUM OF THIRTY (30) DAYS PRIOR TO ACTIVATION OF THE SIGNAL TO OBTAIN THE INITIAL SIGNAL TIMINGS.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

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

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

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

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

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

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

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

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

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

LIGHTING

(1) INSTALLATION AND MATERIALS SHALL COMPLY WITH SECTIONS 714 AND 917 OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED APRIL 1, 2026 AND WITH THE LATEST REVISIONS TO THE NATIONAL ELECTRIC CODE, NFPA 70.

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

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

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

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

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

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

(8) STANDARDS SHALL BE DESIGNED FOR 80-MPH WIND PRESSURE AND SHALL SUPPORT A 62-POUND LUMINAIRE ON A 15-FOOT ARM.

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

(10) BRACKET ARMS SHALL BE ROUND TAPERED TRUSS TYPE WITH STRAP MOUNTING AND LENGTHS AS SCHEDULED.

(11) BRACKET ARM UPSWEEP SHALL BE THE SAME FOR ALL LIGHT STANDARDS OF THE SAME TYPE.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
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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.

DEMOLITION

DEMOLITION OF BUILDINGS

(1) IF THE ASBESTOS SURVEY AND ABATEMENT IS NOT PART OF THE CONTRACT, THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE TDOT HAZARDOUS MATERIALS OFFICE TO VERIFY THAT AN ASBESTOS SURVEY HAS BEEN COMPLETED FOR ANY BUILDING TO BE REMOVED. IN THE CASE THAT NO SURVEY HAS BEEN COMPLETED THE CONTRACTOR SHALL COORDINATE WITH THE HAZARDOUS MATERIAL OFFICE IN SCHEDULING A SURVEY.

(2) ASBESTOS-CONTAINING MATERIALS (ACM) ABATEMENT SHALL BE COMPLETED PRIOR TO ANY DEMOLITION ACTIVITIES FOR BUILDINGS INCLUDED IN THE PROJECT. ABATEMENT SHOULD BE ACCOMPLISHED PER SP202ACM SPECIAL PROVISION REGARDING REMOVAL OF ASBESTOS-CONTAINING MATERIALS. STATE OF TENNESSEE ASBESTOS ACCREDITATION REQUIREMENTS (TCA 1200-01-20) MANDATE THAT ACM ABATEMENT WORK BE PERFORMED BY AN ACCREDITED FIRM (CONTRACTOR) USING ACCREDITED ABATEMENT WORKERS AND SUPERVISORS.

(3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A NOTICE TO THE TDEC, DIVISION OF AIR POLLUTION CONTROL TEN (10) DAYS IN ADVANCE OF ANY ACM ABATEMENT, DEMOLITION, OR MAJOR REPAIR INVOLVING THE REMOVAL/REPLACEMENT OF A STRUCTURAL COMPONENT.

DEMOLITION, REPAIR, OR REHABILITATION OF BRIDGES

(1) THE CONTRACTOR SHALL VERIFY THAT AN ASBESTOS SURVEY HAS BEEN COMPLETED PRIOR TO ANY DEMOLITION, REPAIR OR REHABILITATIONS ACTIVITIES (NOT INCLUDING ASPHALT MILLING OR OVERLAY).

(2) ASBESTOS-CONTAINING MATERIALS (ACM) ABATEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE COMPLETED PRIOR TO ANY DEMOLITION, REPAIR OR REHABILITATION OF BRIDGE(S). ABATEMENT SHOULD BE ACCOMPLISHED PER SP202ACM SPECIAL PROVISION REGARDING REMOVAL OF ASBESTOS-CONTAINING MATERIALS. STATE OF TENNESSEE ASBESTOS ACCREDITATION REQUIREMENTS (TCA 1200-01-20) MANDATE THAT ACM ABATEMENT WORK BE PERFORMED BY AN ACCREDITED FIRM (CONTRACTOR) USING ACCREDITED ABATEMENT WORKERS AND SUPERVISORS.

(3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A NOTICE TO THE TDEC, DIVISION OF AIR POLLUTION CONTROL TEN (10) DAYS IN ADVANCE OF ANY ACM ABATEMENT, DEMOLITION, OR MAJOR REPAIR INVOLVING THE REMOVAL/REPLACEMENT OF A STRUCTURAL COMPONENT.

RETAINING WALLS

(2) THE OPTIONS FOR RETAINING WALL TYPES SHALL BE LIMITED TO THE APPROVED ALTERNATIVES AS SPECIFIED ON THE RETAINING WALL SHEET(S).

(3) VALUE ENGINEERING CHANGE PROPOSALS WILL NOT BE ACCEPTED FOR RETAINING WALLS ITEM NUMBER(S): 604-07.01, 604-07.02, 604-07.03, 604-07.04, 604-07.05, 604-07.06, 604-07.07, 604-07.08, 604-07.09, 604-07.10, 604-07.11, 604-07.12, 604-07.13.

(4) ALL COST OF BUILDING, INSTALLING AND BACKFILLING THE RETAINING WALL, INCLUDING GRANULAR BACKFILL, GEOTEXTILE FABRIC (TYPE IV), LEVELING PAD, AMD MOMENT SLAB, SHALL BE INCLUDED IN THE COST OF THE RETAINING WALL.

SIGNALIZATION

(1) THE DESIGN OF TRAFFIC SIGNAL SUPPORT POLES, MAST ARMS, STRAIN POLES, ETC. SHALL BE IN CONFORMANCE WITH THE AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, CURRENT EDITION. OVERHEAD CANTILEVERED TRAFFIC SIGNAL STRUCTURES SHALL BE DESIGNED FOR FATIGUE CATEGORY 1.

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ENVIRONMENTAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

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

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

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

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

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

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

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

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

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

SPECIES

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

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

(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.

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

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

ECOLOGY

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

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

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

SCOPE OF WORK

(5) GRADING AND DRAINAGE, AND CONSTRUCTION OF ROADWAYS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2E
PIH	2026	STP/NH-4(6)	2E

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2F
PIH	2026	STP/NH-4(6)	2F

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

CATCH BASINS, JUNCTION BOXES, AND MANHOLES

SHEET NO.	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS (INCHES)	DEPTH (FT.)	STANDARD DRAWING	PAY ITEMS: JB 611-02.10 TYPE 1	JB 611-02.11 TYPE 2	JB 611-02.12 TYPE 3	TYPE 3 611-01.01 0' - 4'	TYPE 3 611-01.02 >4' - 8'	TYPE 3 611-01.03 >8' - 12'	TYPE 3 611-01.04 >12' - 16'	TYPE 3 611-01.05 >16' - 20'	BE 611-06.13	TYPE 12 611-12.01 0' - 4'	TYPE 12 611-12.02 >4' - 8'	TYPE 12 611-12.03 >8' - 12'	TYPE 12 611-12.04 >12'-16'	TYPE 12 611-12.05 >16'-20'	TYPE 14 611-14.02 >4' - 8'	TYPE 14 611-14.03 >8'-12'	TYPE 16 611-16.04 >4' - 8'	TYPE 25 611-25.02 >4' - 8'	TYPE 38 611-38.02 >4'-8'	TYPE 42 611-42.01 0' - 4'	TYPE 42 611-42.02 >4' - 8'	TYPE 42 611-42.02 >8' - 12'	TYPE 42 611-42.03 >4' - 8'	TYPE 43 611-43.02 >4' - 8'	TYPE 41 611-41.01 0' - 4'	TYPE 41 611-41.02 >4' - 8'	TYPE 41 611-41.03 >8' -12'	TYPE 45 611-45.02 >4' - 8'	TYPE 45 611-452.03 >8' - 12'
5B	11+00.00 (PERKINS EB)	2' LT	1	310.37	12	48"X 36"	4.52	D-CB-12P											1																	
	11+00.00 (PERKINS WB.)	26' LT	2	309.28	12	48" X 36"	5.03	D-CB-12P											1																	
	16+00.00 (PERKINS EB.)	34.35' RT	6	323.34	12	48" X 36"	4.34	D-CB-12P											1																	
	14+38.00 (PERKINS EB.)	2' LT	7	320.99	12	48"X 36"	4.69	D-CB-12P											1																	
	STA. 511+41.50	0	8	304.86	41	48"X 48"	6.91	D-CB-41SB																							1					
	STA. 516+08.25	0	9	297.59	41	48" X 48"	4.29	D-CB-41SB																							1					
	STA. 516+93.25	0	10	297.37	45	96" X 48"	4.79	D-CB-45S																										1		
	STA 517+81.25	0	11	297.59	45	96" X 48"	4.29	D-CB-45S																										1		
	13+70.00 (PERKINS WB.)	26' LT	12	317.16	12	48" X 36"	4.56	D-CB-12P											1																	
5F	24+70.00 (PERKINS EB.)	38' RT	14	333.74	12	48" X 36"	4.49	D-CB-12P											1																	
	19+90.00 (PERKINS WB.)	26' LT	15	335.43	12	48" X 36"	7.13	D-CB-12P											1																	
	22+30.00 (PERKINS WB.)	26' LT	17	340.36	12	48" X 36"	4.11	D-CB-12P											1																	
	22+30.00 (PERKINS EB.)	29.66' RT	18	339.20	12	48" X 36"	4.45	D-CB-12P											1																	
	24+70.00 (PERKINS EB.)	57' RT	21	338.00	38	32" X 32"	7.45	D-CB-38S																				1								
	19+88.74 (PERKINS WB.)	114.05' RT	16	313.00	3	60" DIA	18.72	D-MH-2								1																				
	25+68.71 (PERKINS EB.)	127.43' RT	22	310.00	3	60" DIA	15.08	D-MH-2							1																					
6B	STA. 525+89.60	0	29	314.88	45	96" X 48"	4.27	D-CB-52SE																										1		
	STA. 529+00	71' LT	30	324.37	BE	96" X 36"	3.50	STD-1-13									1																			
	STA. 529+28.30	134.28' RT	31	297.00	2	48" X 48"	4.65	D-JBS-2	1																											
8B	STA. 552+00	0	34	314.03	41	62" X 62"	5.53	D-CB-51SC																										1		
	STA. 546+02	0	36	322.85	45	96" X 48"	4.25	D-CB-52SE																										1		
	STA. 547+02	0	37	321.04	41	48" X 36"	3.69	D-CB-51SC																								1				
	STA. 550+07.50	0	38	316.38	45	96" X 48"	6.58	D-CB-52SE																										1		
	STA. 553+43	0	39	311.99	45	96" X 48"	4.99	D-CB-52SE																										1		
	STA. 554+43.20	0	40	310.16	41	48" X 36"	5.16	D-CB-51SC																										1		
	STA. 545+50.00	67' LT	41	322.04	BE	96" X 36"	3.50	STD-1-13									1																			
	STA. 546+00.00	59' RT	42	326.06	BE	96" X 36"	3.50	STD-1-13									1																			
	STA. 546+74.91	105.44' RT	46	309.50	2	32" X 32"	5.56	D-JBS-1	1																											
9B	10+77.00 (RAMP A)	2' RT	47	301.73	12	48" X 36"	4.33	D-CB-12P											1																	
	STA. 561+78.00	60.83' RT	48	302.43	12	48" X 36"	4.43	D-CB-12P											1																	
	STA. 562+73.00	57.66' RT	49	304.42	12	48" X 36"	4.42	D-CB-12P											1																	
	STA. 564+05.00	53.26' RT	50	308.30	12	48" X 36"	4.50	D-CB-12P											1																	
	STA. 565+65.00	49' RT	51	313.72	12	48" X 36"	4.32	D-CB-12P											1																	
	17+97.00 (RAMP B)	2' RT	52	300.48	12	48" X 36"	4.78	D-CB-12P											1																	
	10+77.68 (RAMP A)	18.23' RT	53	299.28	38	48" X 36"	4.48	D-CB-12P																				1								
	STA. 562+36.00	49' LT	54	303.76	12	48" X 36"	4.36	D-CB-12P											1																	
	STA. 564+04.00	49' LT	55	308.39	12	48" X 36"	4.59	D-CB-12P											1																	
	STA. 565+65.00	49' LT	56	313.72	12	48" X 48"	4.32	D-CB-12P											1																	
	STA. 560+16.59	104.02 RT'	57	296.80	42	32" X 32"	3.80	D-CB-42S																					1							
	15+85.33 (RAMP A1)	2' RT	63	300.75	14	96" X36"	4.65	C-CB-14P																1												
10B	7+54.00 (RAMP B)	2' RT	67	294.46	12	48" X 36"	4.06	D-CB-12P											1																	
	8+04.00 (RAMP B)	2' RT	68	295.34	12	48" X 36"	4.04	D-CB-12P											1																	
	10+00.00 (RAMP B)	2' RT	69	298.74	12	48" X 36"	4.54	D-CB-12P											1																	
	6+92.00 (RAMP B)	26' LT	70	293.24	14	96" X 36"	4.14	D-CB 14P																1												
	88+44.00 (WIN)	44' RT	71	295.19	12	48" X 36"	7.09	D-CB-12P											1																	
	86+50.00 (WIN)	56' RT	72	289.15	12	48" X 36"	5.35	D-CB-12P											1																	
	87+77.00 (WIN)	44' LT	80	293.47	12	48" X 36"	9.47	D-CB-12P												1																
	14+80.00 (RAMP C)	14' RT	82	294.67	12	48" X 36"	15.07	D-CB-12P													1															
	16+06.00 (RAMP C)	2' RT	83	292.17	14	96" X 36"	9.37	D-CB-14P																	1											
	85+80.00 (WIN)	44' LT	84	286.70	12	48" X 36"	5.70	D-CB-12P											1																	
	STA. 574+50.00	173.50' LT	85	287.90	42	62" X 62"	10.40	D-CB-42SC																											1	
	STA. 576+00.00	172.81' LT	86	283.50	42	48" X 48"	7.95	D-CB-42SB																												
	STA. 578+20	157' LT	87	279.50	42	48" X 48"	6.80	D-CB-42SB																												
	STA. 576+00.00	50.50' LT	88	307.86	12	48" X 36"	4.46	D-CB-12P											1																	
	STA. 577+95.00	57.20' LT	89	299.93	14	96" X 36"	4.13	D-CB-14P																1												
	STA. 579+00.00	60.74 LT	90	295.66	12	48" X 36"	5.46	D-CB-12P											1																	
	236+50.00 (N ACCESS)	21' LT	97A	292.04	43	8' X 4'	4.84	D-CB-43SB																									1			
	236+50.00 (N ACCESS)	23' RT	97B	292.04	42	4' X 4'	5.34	D-CB-42SB																												
	239+00.00 (N ACCESS)	22' RT	98A	282.40	42	48" X 48"	4.60	D-CB-42SB																												
	239+30.00 (N ACCESS)	22' LT	98B	282.42	42	48" X 48"	5.82	D-CB-42SB																												
	84+00.00 (WIN)	56' RT	98C	279.31	12	48" X 36"	3.91	D-CB-12P										1																		
	84+05 (WIN)	44.86' RT	98D	279.42	JB	4' X 4'	4.50	D-JBS-2	1																											
	88+00.00 (WIN)	36' LT	96	294.38	42	60" DIA	9.88	D-MH-2																											1	
10F	16+40.00 (RAMP A)	6' RT	64	300.87	12	48" X 36"	5.27	D-CB-12P											1																	
	92+61.00 (WIN)	48' RT	65	301.28	12	48" X 36"	11.28	D-CB-12P												1																
	5+50.00 (RAMP D1)	2' RT	74	301.17	12	48" X 36"	9.57	D-CB-12P												1																
	6+95.00 (RAMP D1)	2' RT	77	299.59	12	48" X 36"	6.99	D-CB-12P											1																	
	8+50.00 (RAMP D)	26' LT	78	300.08	12	48" X 36"	4.44	D-CB-12P											1																	
	7+48.00 (RAMP D)	26' LT	79	298.83	14	48" X 36"	5.03	D-CB-12P																1												
	STA. 576+00.00.00	49' LT	91	307.89	12	96" X 36"	4.49	D-CB-14P											1																	
	STA. 577+56.00.00	49' RT	92	301.65	14	48" X 36"	6.15	D-CB-12P																1												
	STA. 579+94.00.00	61' RT	93	291.75	14	96" X 36"	4.55	D-CB-14P																1												
	8+15.00 (RAMP D)	2' RT	78A	299.65	12	96" X 36"	4.55	D-CB-14P											1																	
	90+90.00 (WN)	36' LT	95	299.46	3	60" DIA.	11.46	D-MH-2						1																						

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2F1
PIH	2026	STP/NH-4(6)	2F1

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

CATCH BASINS, JUNCTION BOXES, AND MANHOLES

SHEET NO.	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS (INCHES)	DEPTH (FT.)	STANDARD DRAWING	PAY ITEMS: JB 611-02.10 TYPE 1	JB 611-02.11 TYPE 2	JB 611-02.12 TYPE 3	TYPE 3 611-01.01 0' - 4'	TYPE 3 611-01.02 >4' - 8'	TYPE 3 611-01.03 >8' - 12'	TYPE 3 611-01.04 >12' - 16'	TYPE 3 611-01.05 >16' - 20'	BE 611-06.13	TYPE 12 611-12.01 0' - 4'	TYPE 12 611-12.02 >4' - 8'	TYPE 12 611-12.03 >8' - 12'	TYPE 12 611-12.04 >12'-16'	TYPE 12 611-12.05 >16'-20'	TYPE 14 611-14.02 >4' - 8'	TYPE 14 611-14.03 >8'-12'	TYPE 16 611-16.04 >4' - 8'	TYPE 25 611-25.02 >4' - 8'	TYPE 38 611-38.02 >4'-8'	TYPE 42 611-42.01 0' - 4'	TYPE 42 611-42.02 >4' - 8'	TYPE 42 611-42.03 >8' - 12'	TYPE 43 611-43.02 >4' - 8'	TYPE 41 611-41.01 0' - 4'	TYPE 41 611-41.02 >4' - 8'	TYPE 41 611-41.03 >8' -12'	TYPE 45 611-45.02 >4' - 8'	TYPE 45 611-452.03 >8' - 12'
11B	STA. 581+90.00	58.16' RT	98	284.61	12	48" X 36"	13.61	D-CB-12S													1																
	STA. 581+90	97' RT	99	277.00	43	48" X 36"	4.80	D-CB-43SB																									1					
	STA. 583+70.00	54.20' RT	101	280.26	12	96" X 48"	8.76	D-CB-12P													1																
	STA. 581+33.25	106.82' LT	102	273.60	43	96" X 36"	5.90	D-CB-43SB																									1					
	STA. 580+91.35	71.01' LT	103	287.90	14	48" X 48"	4.10	D-CB-14P																1													
	STA. 582+70.00	52.2' LT	104	286.61	12	96" X 48"	16.81	D-CB-12SB															1														
	STA. 585+00.00	62' LT	106	277.50	43	96" DIA	4.50	D-CB-43R																									1					
	STA. 585+00.00	44' LT	107	278.79	12	48" X 36"	7.19	D-CB-12P												1																	
	STA. 586+06.25	44' LT	108	278.36	14	96" X 36"	5.16	D-CB-14P																1													
	STA. 586+70.00	44' LT	109	278.52	12	48" X 36"	4.52	D-CB-12P												1																	
	STA. 585+50.00	63' RT	110	278.00	42	32" X 32"	4.50	D-CB-42S																						1							
	STA. 585+50.00	51' RT	111	278.34	12	48" X 36"	5.24	D-CB-12P												1																	
	STA. 586+06.25	50' RT	112	278.25	14	96" X 36"	4.65	D-CB-14P																1													
	STA. 589+00.00	44' LT	113	278.22	12	48" X 36"	4.52	D-CB-12P												1																	
	STA. 591+30.00	44' LT	114	276.04	12	48" X 48"	5.84	D-CB-12SB												1																	
	STA. 589+62.00	44' RT	115	277.64	12	48" X 36"	4.34	D-CB-12P												1																	
	STA. 590+94.00	44' RT	116	276.38	12	48" X 36"	4.48	D-CB-12P												1																	
	STA. 586+97.00	62' LT	117	278.80	42	32" X 32"	4.30	D-CB-42S																						1							
	STA. 588+74.00	67' LT	118	278.10	42	32" X 32"	4.00	D-CB-42S																					1								
	STA. 591+19	70' LT	119	275.60	43	96" DIA	4.10	D-CB-43R																									1					
	STA. 121+73 (CLEARPOOL)	20' RT	120	274.00	42	32" X 32"	3.00	D-CB-42S																					1								
	STA. 121+63 (CLEARPOOL)	20' RT	121	275.56	12	48" X 36"	4.86	D-CB-12P												1																	
	STA. 121+63 (CLEARPOOL)	20' LT	122	275.56	12	48" X 36"	5.26	D-CB-12P												1																	
	STA. 120+71 (CLEARPOOL)	20' LT	123	275.01	12	48" X 36"	5.41	D-CB-12P												1																	
	STA. 592+66	44' LT	124	274.89	12	48" X 48"	6.09	D-CB-12SB												1																	
	STA. 591+28	62' LT	125	275.80	43	96" DIA	4.30	D-CB-43R																									1					
	STA. 583+86	47.56' LT	126	281.12	12	48" X 48"	10.62	D-CB-12SB													1																
	STA. 583+86	74' LT	127	276.00	43	96" DIA	4.30	D-CB-43R																									1					
	STA. 591+19.00	56' LT	128	276.60	3	72" DIA	10.62	D-MH-2						1																								
	STA. 592+41.00	43' RT	129	275.21	3	60" DIA	4.30	D-MH-2					1																									
12B	STA. 594+20	44' LT	131	274.21	12	48" X 48"	6.36	D-CB-12SB												1																	
	STA. 595+70	44' LT	132	273.62	12	48" X 48"	6.77	D-CB-12SB												1																	
	STA. 597+20	44' LT	133	273.59	12	48" X 48"	8.79	D-CB-12SB													1																
	STA. 596+50	44' LT	134	273.49	14	96" X 36"	9.39	D-CB-14P																	1												
	STA. 593+49	44' RT	135	274.49	12	48" X 36"	6.29	D-CB-12P												1																	
	STA. 594+48	44' RT	136	274.10	12	48" X 36"	6.60	D-CB-12P												1																	
	STA. 595+72	56' RT	137	273.37	12	48" X 36"	6.77	D-CB-12P												1																	
	STA. 597+62	44' RT	138	273.74	12	48" X 36"	7.84	D-CB-12P												1																	
	STA. 596+19.50	56' RT	139	273.27	12	48" X 36"	8.22	D-CB-12P													1																
	STA. 11+20 (RAMP A)	20' LT	140	272.86	14	96" X 36"	5.86	D-CB-14P																1													
	STA. 11+20 (RAMP A)	20' RT	141	272.86	14	96" X 36"	7.36	D-CB-14P																1													
	STA. 598+80	44' LT	142	274.13	12	48" X 48"	8.33	D-CB-12SB													1																
	STA. 2+15 (RAMP B)	2.21' RT	143	275.28	14	96" X 36"	7.78	D-CB-14P																1													
	STA. 1+78 (RAMP B)	11.97' RT	144	274.67	12	48" X 36"	7.57	D-CB-12P												1																	
	STA. 599+90	56' LT	145	273.69	12	48" X 36"	5.19	D-CB-12P												1																	
	STA. 8+47 (RAMP C)	2' RT	146	273.93	12	48" X 36"	4.23	D-CB-12P												1																	
	8+96.16 (RAMP C)	2.27' RT	147	273.70	14	96" X 36"	4.60	D-CB-14P																1													
	8+96.16 (RAMP C)	26' LT	148	274.09	12	48" X 36"	5.39	D-CB-12P												1																	
	STA. 144+58 GETWELL)	28' RT	149	300.24	12	48" X 36"	5.04	D-CB-12P												1																	
	STA. 144+58 (GETWELL)	28' LT	150	300.24	12	48" X 36"	4.74	D-CB-12P												1																	
	STA. 146+22 (GETWELL)	28' RT	151	299.16	12	48" X 36"	6.16	D-CB-12P												1																	
	STA. 146+22 (GETWELL)	28' LT	152	299.40	12	48" X 36"	5.20	D-CB-12P												1																	
	STA. 599+26	56' LT	153	274.01	3	60" DIA	7.31	D-MH-2					1																								
	STA. 599+48	43' RT	154	274.23	3	60" DIA	6.33	D-MH-2					1																								
	STA. 9+26 (RAMP C)	16.3' RT	156	273.62	12	32" X32"	5.22	D-CB-12P												1																	
12F	STA.151+35 (GETWELL)	40' RT	160	286.05	14	96"X 36"	5.05	D-CB-14P																1													
	STA.151+35 (GETWELL)	28' LT	161	286.29	14	96"X 36"	4.49	D-CB-14P																1													
TOTALS									0	3	0	0	3	2	1	1	3	1	57	8	2	1	15	2	0	0	2	3	7	2	7	1	4	0	6	0

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2F2
PIH	2026	STP/NH-4(6)	2F2

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

STORM DRAINAGE PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	REINFORCED CONC. PIPE - CLASS III SIZE & LENGTH (L.F.) 18"	24"	30"	36"	42"	48"	54"	18" HDPE	BEDDING MATERIAL (C.Y.)
5B	1	305.85	2	304.45	2.64	53								11.4
	2	304.25	3	303.75	0.53	94								20.3
	4	303.20	5	302.55	0.55	118								25.5
	6	319.00	7	316.50	1.53	163								35.2
	7	316.30	12	312.80	4.43	79								17.1
	12	312.60	13	303.31	10.44	89								19.2
	9	293.30	10	292.70	0.74	81								17.5
	11	293.30	10	292.70	0.73	82								17.7
	27A	299.90	27C	299.81	0.69				13					3.9
5F	14	329.25	15	328.50	0.74	101								21.8
	15	328.30	16	303.00	29.42	86								18.6
	16	294.50	24	294.16	0.89						38			11.1
	17	336.25	18	334.95	1.37	95								20.5
	18	334.75	19	333.36	0.95	146								31.5
	20	331.45	21	330.55	0.76	119								25.7
	21	329.00	22	297.00	34.41	93								20.1
	27D	298.10	27B	298.00	0.77				13					3.9
	23	295.33	22	294.95	3.17							12		5.0
6B	30	320.87	32	300.00	28.59								73	15.8
	31	292.55	31A	292.22	1.18			28						7.9
8B	34	308.50	39	307.30	0.86	139								30.0
	36	318.60	37	317.50	1.16	95								20.5
	38	309.80	34	308.80	0.53	188								40.6
	39	307.00	40	305.20	1.89	95								20.5
	41	318.60	44	305.94	29.44	43								9.3
	42	307.00	45	302.83	7.32	57								12.3
	46	303.94	46A	303.80	1.00	14								3.0
9B	47	295.30	53	295.00	2.50	12								2.6
	48	298.00	47	297.60	1.60	25								5.4
	49	300.00	48	298.20	2.00	90								19.4
	50	303.80	49	300.20	2.83	127								27.4
	51	309.40	50	304.00	3.48	155								33.5
	52	295.70	60	295.30	0.93		43							11.4
	53	294.80	57	293.00	1.23		146							38.8
	54	299.40	52	295.90	1.56	225								48.6
	55	303.80	54	299.60	2.56	164								35.4
	56	309.40	55	304.00	3.48	155								33.5
	57	292.80	TIE	292.40	1.90		21							5.6
	58	302.90	59	302.60	2.14	14								3.0
	63	296.10	64	295.8	0.58	52								11.2
	60A	293.50	60B	293.4	0.33					30				9.7
10B & 10F	67	290.40	70	289.30	1.75	63								13.6
	68	291.30	67	290.60	1.52	46								9.9
	69	294.20	68	291.50	1.41	192								41.5
	70	289.10	71	288.30	1.82	44								9.5
	71	288.10	96	286.20	2.16	88								19.0
	72	283.80	84	281.20	2.18		119							31.7
	80	284.00	83	283.00	1.89		53							14.1
	82	280.00	85	278.70	3.71		35							9.3
	83	282.80	82	280.20	2.17		120							31.9
	84	281.00	85	278.60	2.64		91							24.2
	85	277.50	86	275.75	1.14				153					46.2
	86	275.55	87	272.90	1.26				211					63.7
	87	272.70	102	268.10	1.46				314					94.8
	88	303.40	89	296.00	3.92	189								40.8
	89	295.80	90	290.40	5.45	99								21.4
	90	290.20	103	284.00	3.35	185								40.0
	96	284.50	80	284.20	1.50		20							5.3
	97	284.90	72	284.00	1.87		48							12.8
	97A	287.20	97B	286.90	0.75		40							10.6
	97B	286.70	97C	285.40	0.90		144							38.3
	97C	285.20	97	285.10	1.43		7							1.9
	98A	277.80	98B	276.80	2.00	50								10.8
	98B	276.60	98C	275.60	1.16	86								18.6
	98C	275.40	98D	275.20	2.22	9								1.9
	64	295.60	65	294.80	0.81	99								21.4
	65	290.00	95	288.20	0.97		186							49.5
	74	291.60	65	290.50	1.02	108								23.3
	77	292.60	74	291.80	1.25	64								13.8
	78	295.64	78A	295.30	1.13	30								6.5
	78A	295.10	79	294.00	1.90	58								12.5
	79	293.80	77	292.80	1.75	57								12.3
	91	303.40	92	295.70	5.13	150								32.4
	92	295.50	93	287.40	3.49	232								50.1
	93	287.20	98	272.60	7.68	190								41.0
	95	288.00	96	285.00	1.06		284							75.5

STORM DRAINAGE PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	REINFORCED CONC. PIPE - CLASS III SIZE & LENGTH (L.F.) 18"	24"	30"	36"	42"	48"	54"	18" HDPE	BEDDING MATERIAL (C.Y.)
11B	98	271.00	TIE	266.00	3.91		128							34.0
	99	272.20	98	271.20	3.13		32							8.5
	101	271.50	TIE	267.00	18.00	25								5.4
	102	267.70	TIE	265.80	3.88				49					15.0
	103	283.80	102	269.60	27.84	51								11.0
	104	268.80	TIE	265.70	11.92			26						7.4
	106	273.00	107	271.10	13.57	14								3.0
	107	271.60	126	271.00	0.55		110							29.3
	108	273.20	107	272.10	1.10	100								21.6
	109	274.00	108	273.60	0.69	58								12.5
	110	273.50	111	273.30	2.50	8								1.7
	111	273.10	101	271.70	0.80	175								37.8
	112	273.60	111	273.30	0.59	51								11.0
	90	289.70	103	284.20	2.97	185								40.0
	87	272.70	102	268.10	1.46				314					96.1
	93	287.20	98	272.60	7.68	190								41.0
	126	270.50	104	270.00	0.45			112						31.7
	127	271.70	126	271.50	0.87	23								5.0
	113	273.70	114	271.20	1.11	226								48.8
	128	271.00	114	270.70	2.73		11							2.9
	114	270.20	124	269.30	0.68			132						37.4
	115	273.30	116	272.10	0.94	128								27.6
12B	124	268.80	131	268.05	0.50				150					45.3
	131	267.85	132	267.05	0.53				150					45.3
	132	266.85	TIE	266.70	1.25				12					3.6
	129	268.90	135	268.40	0.48		104							27.7
	135	268.20	136	267.70	0.53		95							25.3
	136	267.50	137	266.80	0.58		121							32.2
	137	266.60	TIE	266.50	1.00		10							2.7
	140	267.00	141	266.70	0.86	35								7.6
	141	266.50	157	266.00	1.06	47								10.2
	158	268.00	143	267.70	0.46		65							17.3
	143	267.50	144	267.30	0.61		33							8.8
	144	267.10	153	267.00	0.71		14							3.7
	145	268.50	153	267.50	1.56	64								13.8
	153	266.70	142	266.30	0.93		43							11.4
	142	265.80	133	265.00	0.51			156						44.1
	133	264.80	134	264.45	0.55			64						18.1
	134	264.10	TIE	263.80	0.81			37						10.5
	156	268.40	154	268.20	0.40	50								10.8
	146	269.70	147	269.50	0.45	44								9.5
	147	269.10	148	268.95	0.63	24								5.2
	148	268.70	154	268.20	0.81	62								13.4
	154	267.90	138	266.40	0.82	182								39.3
	138	265.90	139	265.25	0.46		140							37.2
	139	265.05	TIE	265.00	0.71		7							1.9
	149	295.50	151	294.40	0.69	160								34.6
	150	295.50	152	294.40	0.69	160								34.6
	152	294.20	151	293.20	1.59	63								13.6
	151	293.00	159	270.97	24.48	90								19.4
12F	161	281.80	160	281.20	0.95	63								13.6
	160	281.00	163	270.33	22.23	48								10.4
TOTALS						7414	2270	555	1379	30	38	12	73	2822

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2F3
PIH	2026	STP/NH-4(6)	2F3

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

DRIVEWAY

	LOCATION	DESCRIPTION	DRIVE WIDTH	DRIVE OPENING	6" RES. CONC. D/W 701-02 (S.F.)	8" BUS. CONC. D/W 701-02.02 (S.F.)	LONG TRANSITION (FT.)	SHORT TRANSITION (FT.)	EQUIVALENT CURB LENGTH (FT.)	DRIVEWAY SURFACE AREA (S.F.)	CONC. DRIVES 701-02 (S.F.)	BUS./RES. ASPH./CONC. DRIVES 303-01 (TONS)	BUS. ASPH. DRIVES 307-01.08 (TONS)	BUS. ASPH. DRIVES 411-02.10 (TONS)	RES. ASPH. DRIVES 411-01.07 (TONS)	GRAVEL DRIVES 303-01 (TONS)	SIDE DRAINAGE 607-39 .02 18" (L.F.)	SIDE DRAINAGE 607-39 .03 24" (L.F.)	SIDE DRAINAGE 607-39 .09 60" (L.F.)	COMMENTS
7B/8B	OLD LAMAR	NEAR APARTMENT ENTRANCE								10500.0		263.0	115.0	108.00						
9B	555+05 RT. S.R. 4	20' GRVL. EMERGENCY ACCESS	20.00	20.00	0.0	0.0			0.0	1200.0	0.0	0.0	0.0	0.0	0.0	45.1	24			
10B	233+70 +/- LT. PIDROO	24' BUS. ASPH. ENT.	24.00	24.00	0.0	132.0			0.0	900.0	0.0	22.6	9.9	9.3	0.0	0.0	34			
	84+75 LT. WINCHESTER	40' BUS. ASPH. ENT.	40.00	52.00	0.0	220.0	6.0	6.0	6.0	1400.0	0.0	35.1	15.4	14.4	0.0	0.0				
10F	95+53 RT. WINCHESTER	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	900.0	0.0	22.6	9.9	9.3	0.0	0.0				
	96+28.50 RT. WINCHESTER	40' BUS. ASPH. ENT.	40.00	50.00	0.0	220.0	6.0	6.0	6.0	440.0	0.0	11.0	4.8	4.5	0.0	0.0				
	96+97.72 LT. WINCHESTER	50' BUS. ASPH. ENT.	50.00	60.00	0.0	275.0	6.0	6.0	6.0	1050.0	0.0	26.3	11.5	10.8	0.0	0.0				
11B	581+00 RT. S.R. 4	40' BUS. ASPH. ENT.	40.00	50.00	0.0	220.0	6.0	6.0	6.0	2600.0	0.0	65.2	28.6	26.8	0.0	0.0				
	582+45 LT. S.R. 4	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	2145.0	0.0	53.8	23.6	22.1	0.0	0.0				
	582+88.30 RT. S.R. 4	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	2040.0	0.0	51.1	22.4	21.0	0.0	0.0				
	584+33 LT. S.R. 4	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	1050.0	0.0	26.3	11.5	10.8	0.0	0.0				
	584+41.70 RT. S.R. 4	40' BUS. ASPH. ENT.	40.00	50.00	0.0	220.0	6.0	6.0	6.0	1280.0	0.0	32.1	14.1	13.2	0.0	0.0				
	586+36.50 LT. S.R. 4	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	450.0	0.0	11.3	4.9	4.6	0.0	0.0				
	586+36.50 RT.	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	300.0	0.0	7.5	3.3	3.1	0.0	0.0				
	586+97.20 LT. S.R. 4	40' BUS. ASPH. ENT.	40.00	50.00	0.0	220.0	6.0	6.0	6.0	400.0	0.0	10.0	4.4	4.1	0.0	0.0				
	588+61 LT. S.R. 4	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	450.0	0.0	11.3	4.9	4.6	0.0	0.0				
	588+73.69 RT. S.R. 4	40' BUS. ASPH. ENT.	40.00	50.00	0.0	220.0	6.0	6.0	6.0	1980.0	0.0	49.6	21.8	20.4	0.0	0.0				
	590+60 RT. S.R. 4	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	750.0	0.0	18.8	8.2	7.7	0.0	0.0				
	591+06.10 LT. S.R. 4	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	540.0	0.0	13.5	5.9	5.6	0.0	0.0				
	591+74.40 LT. S.R. 4	40' BUS. ASPH. ENT.	40.00	50.00	0.0	220.0	6.0	6.0	6.0	600.0	0.0	15.0	6.6	6.2	0.0	0.0				
	592+37.60 LT. S.R. 4	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	450.0	0.0	11.3	4.9	4.6	0.0	0.0				
	121+45 LT. CLEARPOOL	30' BUS. ASPH. ENT.	30.00	40.00	0.0	165.0	6.0	6.0	6.0	480.0	0.0	12.0	5.3	4.9	0.0	0.0				
	593+00 RT. S.R. 4	40' BUS. ASPH. ENT.	40.00	50.00	0.0	220.0	6.0	6.0	6.0	400.0	0.0	10.0	4.4	4.1	0.0	0.0				
12B	600+90 LT. S.R. 4	24' BUS. ASPH. ENT	24.00	34.00	0.0	132.0	6.0	6.0	6.0	252.0	0.0	6.3	2.8	2.6	0.0	0.0				
		TOTALS			0	4114	126	126	126	32557	0	786	344	323	0	45	58	0	0	

BOX CULVERT \ BRIDGE TABULATION

STATION	LOCATION	TYPE BOX	TYPE SLAB	SKEW	NO. BARRELS	WIDTH	HEIGHT	LENGTH	DRAINAGE AREA ACRES	STANDARD DRAWING NO.	CULVERT ≤ 20 FT. CLASS "A" CONCRETE 604-01.01 CU. YD.	CULVERT ≤ 20 FT. STEEL BAR REINF. 604-01.02 LB.	BRIDGE > 20 FT. CLASS "A" CONCRETE 604-02.01 CU. YD.	BRIDGE > 20 FT. STEEL BAR REINF. 604-02.02 LB.	STD. DWG. STD-17-17 & 18 FOUNDATION FILL MATERIAL 204-08 CU. YD.	STD. DWG. STD-17-17 & 18 GRANULAR BACKFILL 303-01.01 TONS	RIP-RAP CLASS __ 709-05.xx TON	CHANNEL EXC. 203-08 CU. YD.	CULVERT EXC. ▲ 204-01 CU. YD.
582+74.28	SR-4	X			1	10	6	47	62	STD-17-54	70.65	14106			14	351			
595+97.42	SR-4	X		90°	2	12	12	30		STD-17-78			116.95	23788	17	527			
TOTALS											70.65	14106	116.95	23788	31	878	0	0	0

▲ ALL COST OF CULVERT EXCAVATION WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

NOTE:- CONCRETE & STEEL BAR FOR WINGWALLS ARE INCLUDED

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2F4
PIH	2026	STP/NH-4(6)	2F4

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PAVEMENT QUANTITIES

LOCATION (ROADWAY)	ALTERNATE	TYPE - GRADE - PAY ITEM (TON)																				CONCRETE (S.Y.)			(S.F.)
		MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX)								PRIME		TACK	CEMENT TREATED BASE (GRAVEL)			ASPHALTIC CONCRETE SURFACE (HOT MIX)								TREATED PERMEABLE BASE	CONCRETE PAVEMENT 10"	CONCRETE PAVEMENT 12"	CONCRETE DRIVEWAY 8"
			PG-64-22				PG-70-22										PG-64-22				PG70-22							
		D	A	A-S	B-M	B-M2	A	A-S	B-M	B-M2	COAT		COAT				D	E	TL	D	E	OGFC	TL				
		303-01	307-01.01	307-01.20	307-01.07	307-01.08	307-02.01	307-01.21	307-02.21	307-02.08	402-01	402-02	403-01	309-01.01	309-01.02	309-02	411-01.10	411-01.07	411-03.07	411-02.10	411-02.11	411-03.22	411-03.08	313-03	501-01.03	501-01.05	701-02.02
SR-4		13552				4022	35891	19849		12960	176	624	811	53975	2083	108		1886		6079							
Perkin/Raines							3850	2129		1892	19	67	87	6742	260	14				887							
Winchester							4146	2293		2037	20	72	94	6594	255	119				955							
Getwell							1316	728		646	6	23	30	2346	91	42				303							
Ramps																											
Perkin/Raines		11417									9	33												11248	6603	4695	
Winchester		10143									11	40												9993	7923		
Getwell		276									0.3	1												272	221		
Side Roads																											
N. Access		2018				71	443			363	4	13	17					33		170							
S. Access		825				37	135			111	1	4	5					18		52							
Goodlett		275					84			69	0.7	2	3							32							
Clearpool		247					76			62	0.6	2	3							29							
Driveways		831				344														323							4114
TCP							8830	4890		4340			200	1375	515	27				2050							
TOTALS		39584				4474	54771	29889		22480	248	881	1250	71031	3204	310		1937		10880				21513	14747	4695	4114

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.
729043	1658	5352	7010	13501	7010	6491	0

IF EXISTING TOPSOIL IS NOT SUITABLE FOR REUSE

PROPOSED SLOPE AREA S.F.	EXISTING TOPSOIL (EXC.)	EXISTING TOPSOIL (EMB.)	EXISTING TOPSOIL (TOTAL) C.Y.	REQUIRED TOPSOIL C.Y.	PLACING TOPSOIL 203-04 C.Y.	FURNISHED TOPSOIL 203-07 C.Y.	EXCESS TOPSOIL C.Y.
	N/A	N/A	N/A	0	N/A	0	N/A

ESTIMATED GRADING QUANTITIES

DESCRIPTION	UNADJUSTED VOLUMES (CY) EXC.	UNADJUSTED VOLUMES (CY) EMB.	ADJUSTED VOLUMES (CY) EXC.
MAINLINE & WINCHESTER RAMPS	50668	180354	40535
SIDE ROADS	45365	50268	36292
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES	104	3270	84
INDEPENDENT DITCHES	4255		3404
TEMPORARY CONSTRUCTION EXITS & BERMS	1303		1043
OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...)			
TOPSOIL (EMB.)	8715		
TOPSOIL (EXC.)	6135		
TOPSOIL TOTALS (SEE TOPSOIL TABLE)			

BALANCE SUMMARY

SHRINK = 20 % SWELL = 10 %

EMB.		EXC.
233892	VS.	-81356
AVAILABLE	=	152536
BORROW MATERIAL	=	183044

ROCK (C.Y.)		TOTALS (C.Y.)				
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
0	0	116545	233892	116545	101695	81356

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2F5
PIH	2026	STP/NH-4(6)	2F5

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PROPOSED GUARDRAIL

SHEET NO.	LOCATION	SIDE		STATIONS		GUARDRAIL								TERMINAL ANCHORS					GUARDRAIL FOOTING		CABLE BARRIER		REMARKS
						THRIE BEAM BRIDGE TRAN. MASH TL-3 (20.65') 705-06.25 EACH	METAL BEAM GUARD FENCE 705-01.04 (L.F.)	THRIE BEAM BRIDGE TRAN. MASH TL-2 (20.65') 705-06.26 EACH	MEDIAN DIVIDER WITH RUB-RAIL (TYPE 2) 705-03.01 (L.F.)	MEDIAN DIVIDER AT CONC. BARRIER (26.896') 705-03.04 (L.F.)	W BEAM GR (TYPE 2) MASH TL3 705-06.01 (L.F.)	MICHIGAN END SHOE 706-10.80 (EACH)	ROUND END ELEMENT 706-10.26 (EACH)	TYPE 12 VARIES 705-04.02 (EACH)	TYPE 13 MASH TL3 (9.375') 705-06.10 (EACH)	IN-LINE MASH TL3 705-06.11 (EACH)	TYPE 38 MASH TL3 (46.875') 705-06.20 (EACH)	TYPE 21 MASH TL2 (21.875') 705-06.30 (EACH)	CLASS A CONCRETE (ROADWAY) 604-01.01 (C.Y.)	STEEL BAR REINF. (ROADWAY) 604-01.02 (LB.)	LONG-ITUDINAL 705-80.01 (L.F.)	TERMINAL 705-80.18 (EACH)	
		LT	RT	FROM	TO																		
5B	EB B/L PERKINS	X		16+22	16+90	1											1						
5B	EB B/L PERKINS		X	16+22	16+89	1											1						
5B	S.R. 4	X		519+75	522+03						180.00				1		1						
5F	S.R. 4		X	518+23	520+75						190.00				1		1						
5F	WB B/L PERKINS	X		19+34	19+99	1											1						
5F	WB B/L PERKINS		X	19+34	20+02	1											1						
5F	RAMP C2		X	31+89	36+37	1					512.50						1						
5F	EB B/L PERKINS	X		22+12	22+56												1						
5F	WB B/L PERKINS	X		24+34	26+39						225.00												
5F	RAMP F1	X		6+91	7+54						37.50						1						
6B	S.R. 4		X	527+62	533+72						600.00						1						
6B	S.R. 4	X		526+79	527+51	1					25.00						1						
6B	RAMP A PERKINS		X	5+99	5+95																		
8B	S.R. 4	X		545+50	546+20	1					25.00						1						
8B	S.R. 4		X	546+00	547+00	2					25.00												
9B	S.R. 4	X		556+29	560+01						325.00				1		1						
9B	S.R. 4		X	557+00	588+16	1					112.50				1								
9B	S.R. 4		X	564+35	565+00	1					25.00						1						
9B	RAMP A WINCHESTER		X	6+96	7+01																		
10B	S.R. 4	X		575+50	576+19	1					25.00						1						
12B	S.R. 4	X		595+70	596+61						50.00				1		1						
12B	S.R. 4		X	595+23	596+21						50.00				1		1						
12B	GETWELL		X	145+89	147+34	1					75.00						1						
12B	GETWELL		X	148+57	149+64	1					50.00						1						
12B	GETWELL	X		150+00	150+65	1											1						
TOTALS						15	0.00	0.000	0.00	0.000	2532.50	0.00	0	0	6	0	20	0	0.00	0	0	0	

STORM DRAINAGE ENDWALLS

SHEET NO.	LOCATION	DRAINAGE CODE	STRUCTURE TYPE	PIPE SIZE (IN.)	STANDARD DRAWING	18 IN. S.D 611-07.31 (EACH)	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. 3:1 611-07.57 (EACH)	24 IN. S.D. 611-07.32 (EACH)	24 IN. 6:1 611-07.59 (EACH)	30 IN. 3:1 611-07.60 (EACH)	36 IN. 6:1 611-07.65 (EACH)	48 IN. 3:1 611-07.69 (EACH)	CLASS "A" CONC. 611-07.01 (C.Y.)	STEEL BAR REINF. 611-07.02 LB.
5B	11+95.00 (52' LT) PERKINS WB	3	U	18		1											
	13+00.00 (95' LT) PERKINS WB.	4	U	18			1										
	14+20.00 (135' LT) PERKINS WB.	5	U	18		1											
	14+22.00 (100' LT) PERKINS WB.	13	U	18		1											
	508+59.57 (114' LT)	27A	U	36										1			
5F	STA. 23+66 (88' RT) PERKINS EB.	19	U	18		1											
	STA. 24+00 (153' RT) PERKINS EB.	20	U	18		1											
	STA. 25+69 (145' RT) PERKINS EB.	23	PEW	54												9.42	405
	STA. 19+89 (156' LT) PERKINS WB.	24	U	48											1		
	STA. 511+43 (85' RT)	27	U	24								1					
	STA. 517+44 (88' RT)	28	U	18					1								
	STA. 510+35.66 (97.09' RT)	27B	U	36										1			
6B	STA. 529+00 (144' LT)	32	STR.	18		1											
	STA. 529+17.52 (161.50' RT)	31A	STR.	30									1				
8B	STA. 545+50.00 (102' LT)	44	STR.	18			1										
	STA. 546+00.00 (116' RT)	45	STR.	18			1										
	STA. 546+70.76 (122.90' RT)	46A	STR.	18			1										
9B	STA. 555+54 (71' RT.)	59	STR.	18					1								
	STA. 559+80 (98' LT.)	60	STR	24								1					
	STA. 558+81.44 (85.52' LT)	60A	PEW	42												5	212
10B	STA. 86+91 (WIN) 83' LT	97	STR.	30						1			1				
	STA. 86+94 (WIN) 89' LT	97C	STR.	24						1							
11B	STA. 580+76 (91.57' RT)	130	SEW	24						1							
12B	STA. 11+20 (67' RT) RAMP A	157	STR.	18		1											
	STA. 2+73 (36' RT) RAMP B	158	U	24						1							
	STA. 146+22 (119' RT) GETWELL	159	U	18			1										
12F	STA. 151+35 (91' RT) GETWELL	163	U	18			1										
TOTALS						7	6	0	2	4	0	2	2	2	1	14	617

ITEM NO. 708-02.01

R.O.W. MARKERS

SHEET NO.	QUANTITIES "A"	"B"	"C"	TOTALS
5A	4			**4**
5E	1			**1**
6A	6			**6**
7A	1			**1**
8A	8	1	1	**10**
9A	9	4	7	**20**
10A	9	1	3	**13**
10E	7	2	3	**12**
11A	3			**3**
12A	5	3	5	**13**
TOTALS	53	11	19	83

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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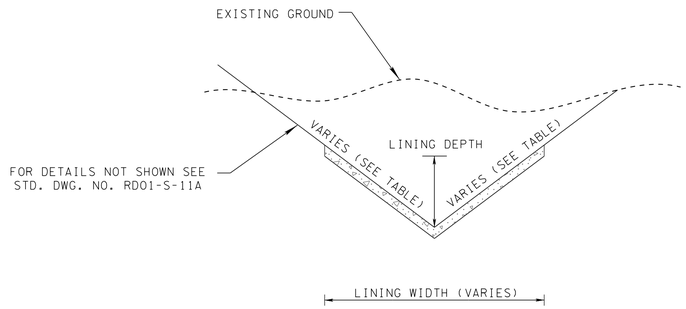
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	2B11
PIH	2026	STP/NH-4(6)	2G

REV. 1-15-21: REVISED STATION ON DITCH STA. 555+85 TO STA. 556+50 (RT.)

REV. 3-26-21: ADDED STATION ON DITCH STA. 556+00 TO STA. 556+58 (LT.)

REV. 11-29-21: ADDED STATION ON DITCH STA. 551+50 TO STA. 555+22.33 (LT.) REMOVE DITCH FROM STA. 55O+46.90 TO STA. 552+50 (LT.) REMOVE DITCH FROM STA. 556+00 TO STA. 556+58 (LT.)

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



SPECIAL DITCHES							
Alignments	STATION		SLOPE			DETAIL NO.	TYPE
	FROM	TO	FORE (H/V)	BOTTOM WIDTH (FT.)	BACK (H/V)		
SR4	522+55.72 RT	529+14.94 RT	3:1	6	3:1		SOD
SR4	545+10.77 RT	554+50.00 RT	3:1	0	3:1		SOD
SR4	551+50.00 LT	554+50.00 LT	6:1	0	4:1		SOD
SR4	555+50.00 RT	556+00.00 RT	6:1	0	4:1		SOD
SR4	556+00.00 RT	558+50.00 RT	3:1	0	3:1		SOD
SR4	558+83.70 LT	559+80.00 LT	6:1	0	VARIES		SOD
Winchester Ramp B	9+11.06 RT	6+88.59 RT	3:1	2	3:1		SOD
Winchester Ramp C	14+48.74 rt	8+01.14 RT	3:1	2	3:1		SOD
SR4	577+50.00 RT	580+76.00 RT	3:1	2	2:1		SOD
SR4	584+75.00 LT	586+00.00 LT	3:1	0	3:1		SOD
Pigeon Roost	219+25.04 RT	219+64.41 RT	2:1	0	2:1		SOD
Pigeon Roost	220+50.04 RT	221+93.06 RT	2:1	0	2:1		SOD

PLAN IN HAND

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DEPARTMENT OF TRANSPORTATION

DETAIL SHEETS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	3
PIH	2026	STP/NH-4(6)	3

REV. 07-15-25: REVISED UTILITY OWNERS.

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) 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.

(8) 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

FIBER OPTIC:
AT&T
315 E. COLLEGE ST
JACKSON, TN 38301
CONTACT: DANIEL POTTS
OFFICE PHONE: 901- 488- 2359
CELL PHONE: ___ ___ ____
Email: DP7607@ATT.COM

ELECTRIC:
TVA
1101 MARKET ST. MR 4G
CHATTANOOGA, TN 37402
CONTACT: STEPHEN WILLIAMS
OFFICE PHONE: 662- 255- 6272
CELL PHONE: ___ ___ ____
Email: rowcustomer@tva.gov

GAS, WATER, POWER:
MLG&W
220 S. MAIN ST.
MEMPHIS, TN 38103
CONTACT: ANGEL BAILEY
OFFICE PHONE: 901- 528- 4186
CELL PHONE: 901- 288- 3419
Email: adabney@mlgw.org

COMMUNICATIONS:
COMCAST
5450 WINCHESTER ROAD
MEMPHIS, TN 38103
CONTACT: ANDREW SMITH
OFFICE PHONE: 901- 623- 7471
CELL PHONE: 901- 502- 6207
EMAIL: andrew_smith6@comcast.com

FIBER OPTICS:
CENTURYLINK (QWEST) / LUMEN (LEVEL 3)
8110 CORDOVA RD. STE. 101
CORDOVA, TN 38016
CONTACT: BRIAN MCGREGOR
OFFICE PHONE: 901- 435- 2025
CELL PHONE:
Email: brian.mcgregor@lumen.com

GAS:
VALERO
1 VALERO WAY
SAN ANTONIO, TX 78249
CONTACT: ALLEN WAGERS
OFFICE PHONE: 210- 345- 2876
CELL PHONE: 713- 898- 5551
EMAIL: allen.wagers@valero.com

COMMUNICATIONS:
COGENT COMMUNICATIONS
1594 HIGHWAY 73
MARIANNA, FL 32448
CONTACT: CAMERON JERNIGAN
OFFICE PHONE: 448- 234- 3503
CELL PHONE: ___ ___ ____
Email: cjernigan@cogentco.com

STREET LIGHTNING:
MLG&W
220 S. MAIN ST.
MEMPHIS, TN 38103
CONTACT:
OFFICE PHONE: 901- 528- 4373
CELL PHONE: ___ ___ ____
Email:

SEWER:
CITY OF MEMPHIS
125 N. MAIN ST., ROOM 639
MEMPHIS, TN 38103
CONTACT: FARAEDOON QALADIZE
OFFICE PHONE: 901- 636- 6725 / 901- 636- 6
CELL PHONE: ___ ___ ____
Email: Faraedoon.Qaladize@memphistn.gov

GAS:
TEXAS GAS TRANSMISSION CORP.
4441A VEROT SCHOOL ROAD
YOUNGSVILLE, LA 70592
CONTACT: JOY PARROTT
OFICE PHONE:
CELL PHONE: 985- 246- 9736
EMAIL : joy.parrott@bwpipelines.com

COMMUNICATION:
VERIZON / XO COMMUNICATIONS
5127 TRUSE RD
MEMPHIS, TN 38117
CONTACT: ROBERT STAFFORD
OFFICE PHONE: 901- 239- 2912
CELL PHONE: ___ ___ ____
Email: robert.stafford@verizon.com

COMMUNICATIONS:
ZAYO
2030 POWERS FERRY RD, STE-360
ATLANTA, GA 30339
CONTACT: JAMES BLACK
OFICE PHONE:
CELL PHONE: 706- 889- 6967
EMAIL : JamesR.Black@zayo.com

PLAN
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HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	3A
PIH	2026	STP/NH-4(6)	3A

REV. 10-22-20: REVISED PARCEL NUMBERS FOR ALL ACQUIRED TRACTS & REVISED INS. NUMBERS FOR TR. 1, TR. 3, TR. 38 & TR. 46
REV. 1-15-21: REVISED OWNERS & INS. # FOR TR. 15, 17, & 22.REVISED INS. # FOR TR. 34. REVISED ACQUISITION FOR TRACTS 26, 31 & 33. REVISED CONST. ESM'T FOR TR. 26, 40 & 41. FOOTNOTE LOA FOR TR. 3 & 4.
REV. 3-26-21: REVISED OWNER & INS. # FOR TR. 19. REVISED ACQUISITION FOR TR. 10. REVISED DISTURBED AREA.
REV. 11-29-21: REVISED OWNER & INS. # FOR TR. 2, 14 & 42. REVISED TOTAL AREA FOR TR. 22, 26 & 34. REVISED ACQUISITION FOR TR. 10, 22, 23, 24, 25, 26, 31 & 33. REVISED DISTURBED AREA. REMOVED L.O.A. FOR TR. 23. REVISED TOTAL AREA FOR TR. 1. REMOVE LINE THRU FOR TR 6 & 8. ADDED AND/OR REVISED T.C.E. FOR TR. 10,23,24, 25,26,31, AND 33.
REV. 3-10-22: REVISED OWNER FOR TR. 12 & 19. REVISED INS. NUMBERS FOR TR. 19. REVISED CONST. ESM'T & ADDED FOOTNOTE NOT TO DISTURB CANOPY & COLUMNS FOR TR. 39.
REV. 4-11-22: REVISED OWNER & INS # FOR TR. 34. REVISED TOTAL AREA & AREA REMAINING FOR TR. 2 & 34.
REV. 5-10-22: ADDED CONST. ESM'T. FOR TR. 16. ADDED SPECIAL NOTE FOR TR. 51.
REV. 6-20-22: REVISED AIR RIGHTS ESM'T, CONST. ESM'T & PERM. ESM'T ON TR. 5. CORRECTED CONST. ESM'T ON TR. 26. REVISED OWNER & INS# FOR TR. 6.
REV. 8-19-22: REVISED OWNER & INS# FOR TR. 34.
REV. 10-31-22: REVISED OWNER & INS# FOR TR. 9. REMOVED FOOTNOTE #4. LINE THROUGH TR. 6 & 8. REVISED CONST. ESM'T ON TR. 31. REVISED OWNER FOR TR. 5.
REV. 12-12-22: REVISED OWNER & INS# FOR TR. 41.
REV. 5-10-23: REVISED OWNER & INS# FOR TR. 25.
REV. 8-30-23: REVISED INS# FOR TR. 25.
REV. 11-15-23: REVISED OWNER & INS# FOR TR. 34.
REV. 1-22-24: REVISED CONST. ESM'T FOR TR. 33.
REV. 1-31-24: CORRECTED CONST. ESM'T FOR TR. 24.
REV. 7-15-25: REVISED TR. 22. ADDED TR. 14S, 19S, 26S, 34S & 35S. REVISED DISTURBED AREA.
REV. 7-28-25: REMOVED CONST. ESM'T FOR TR. 34S.
REV. 10-1-25: REVISED INS# FOR TR. 14S. ADDED PH. 1 & 2 CONST. ESM'T FOR TR. 24.REVISED CONST. ESM'T FOR TR. 33.

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.	INSTRUMENT NUMBERS BK.	INSTRUMENT NUMBERS PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.	PERM.	AIR RIGHTS
1	J. BAYARD SNOWDEN	197I	073037 00047	INS	15048147	2.231		2.231	0.853		0.853	1.378						
2	RAINES INVESTMENT LLC	197I	073037 00043C	INS	20137823	19.124		19.124	0.904		0.904	18.220						
(1) 3	BNSF RAILWAY COMPANY	197J	073095 00003C	INS	16052114		4.340	4.340		0.651	0.651		3.689					
(1) 4	O' REALTY, INC.	197H	073095 00001	INS	14014052		3.050	3.050		0.517	0.517		2.533					
5	BNSF RAILWAY COMPANY														(2)	1.155 AC	2184	0.502 AC
~~6~~	~~ALIYA AHMED~~	~~197H~~	~~0738038 00025~~	~~INS~~	~~22019120~~		~~0.395~~	~~0.395~~					~~0.395~~					
~~7~~	~~BOISE BUILDING SOLUTIONS DISTRIBUTION, L.L.C.~~	~~197H~~	~~15C~~	~~INS~~	~~04186522~~		~~9.294~~	~~9.294~~					~~9.294~~					
~~8~~	~~RIVERTOWN LAWN SERVICE, INC~~	~~197H~~	~~23~~	~~AG~~	~~0264~~	~~0.519~~		~~0.519~~				~~0.519~~						
9	KCAP EMERALD RIDGE, LLC.	197A	073040 00023	INS	21119613		21.800	21.800		0.388	0.388		21.412					
10	JEJ PROPERTIES,L.P.	197A	073039 00006	INS	GP8232	5.510		5.510	2.042		2.042	3.468				1.103 AC		
11	THOMAS MITCHELL BLACK	197A	073040 B00005	INS	9028323		1.540	1.540		2276 S.F.	2276 S.F.		1.488					
(3) 12	ROSE H. VERNON REVOCABLE LIVING TRUST	197A	073039 00005C	INS	KM3642	0.615		0.615	0.615		0.615							
13	FRANCISCO RUIZ	197A	073040 A00003	INS	12128263		0.789	0.789		2972 S.F.	2972 S.F.		0.721					
(1) 14	NEXCEL COMMERCIAL GROUP GP	197A	073040 00014	INS	21056267		0.844	0.844		2620 S.F.	2620 S.F.		0.784					
14S	NEXCEL COMMERCIAL GROUP GP	197A	073040 00014	INS	21056267		0.784	0.784		1225 S.F.	1225 S.F.		0.756					
15	ADRIAN UEAL	197A	073039 00004	INS	20037543	0.312		0.312	3284 S.F.		3284 S.F.	0.237						
16	TIMOTHY KARGBO	197A	073039 00008	INS	15047135	0.960		0.960	0.385		0.385	0.575				0.320 AC		
17	GELT STORAGE EASTLAND LLC	197A	073040 00013	INS	20079057		2.120	2.120		1851 S.F.	1851 S.F.		2.078					
18	4161 WINCHESTER LLC	197A	073040 00024C	INS	CD5485		1.390	1.390		0.137	0.137		1.253			1905		
19	RAFAT KHMOUS, ZIAD OZRAIL, TALAAT KHMOUS	197A	073040 00012	INS	21111255		1.220	1.220		0.405	0.405		0.815			301		
		197A	073040 00011	INS	21012762													
19S	RAFAT KHMOUS, ZIAD OZRAIL, TALAAT KHMOUS	197A	073040 00012	INS	21111255		0.815	0.815		4196 S.F.	4196 S.F.		0.719					
		197A	073040 00011	INS	21012762													
(3) 21	RICHARD D. WATTS	197A	073039 00003	INS	14083320	0.476		0.476	0.476		0.476							
22	AUSTEIN MECHANICAL CONTRACTORS, INC	197A	073033 00003C	INS	09005313	5.095		5.095	2.763		2.763	2.332				0.206 AC		
(3) 23	SOUTHERN SCREENS, INC	197A	073033 00002	INS	16006338	0.670		0.670	0.670		0.670							
24	CORNER PARK TRISSHA RESIDENCY LLC	180P	073041 00140	INS	11108234		18.700	18.700		0.825	0.825		17.875			(4) 1.855 AC		
25	DANNY M. OWENS TRUST	197A/180P	073041 00033 & 073041 00034	INS	23048073, 22038455 & 22038457		2.706	2.706		1.381	1.381		1.325			1460		
26	CULBREATH DONALD L (TR)	180P	073031 00014	INS	18078893	6.177		6.177	1.568		1.568	4.609				1.188 AC		
		180P	073031 00013	INS	18078893													
		180P	073031 00012	INS	18078893													
		180P	073031 00011	INS	18078893													
26S	CULBREATH DONALD L (TR)	180P	073031 00014	INS	18078893	4.609		4.609	0.164		0.164	4.445						
		180P	073031 00013	INS	18078893													
		180P	073031 00012	INS	18078893													
		180P	073031 00011	INS	18078893													
~~28~~	~~CURTIS ALLEN, JR. AND WIFE, JANET L. ALLEN~~	~~180P~~	~~35~~	~~INS~~	~~JL8811~~		~~0.692~~	~~0.692~~					~~0.692~~					
~~29~~	~~CURTIS ALLEN, JR. AND JANET L. ALLEN~~	~~180P~~	~~36~~	~~INS~~	~~08109054~~		~~0.695~~	~~0.695~~					~~0.695~~					
31	OM SHREE ARIA LLC	180P	073030 00015C	INS	18060232		2.155	2.155		0.764	0.764		1.391			0.540 AC		
33	CROWN INN, INC	180P	073030 00017	INS	BL7687		1.337	1.337		0.311	0.311		1.026			0.646 AC		
34	EPRT TENNESSEE PROPERTIES L.L.C.	180P	073031 00009	INS	23000715	6.307		6.307	0.113		0.113	6.194				0.129 AC		
		180P	073031 00008	INS	22042365													
34S	EPRT TENNESSEE PROPERTIES L.L.C.	180P	073031 00009	INS	23000715	6.194		6.194	4088 S.F.		4088 S.F.	6.100						
		180P	073031 00008	INS	22042365													
35	BUDGET INN, INC	180P	073030 0021	INS	JR5392		1.507	1.507		1328 S.F.	1328 S.F.		1.477			409		
35S	BUDGET INN, INC	180P	073030 0021	INS	JR5392		1.477	1.477		784 S.F.	784 S.F.		1.459			359		

PLAN IN HAND

FOOTNOTES:
(1) LOSS OF ACCESS
(2) FOR CONSTRUCTION OF S.R. 4 (LAMAR) ALIGNMENT & PROPOSED BRIDGE
(3) TOTAL ACQUISITIONS
(4) EASEMENT CONTAINS 1.34 AC FOR PH. 1 ACQUISITION & 0.515 AC. FOR PH. 2 ACQUISITION.SEE SHEET 10D & 10E FOR DETAILS.
(4) EASEMENT FOR PH. 1 ACQUISITION IS TO HAVE A ONE YEAR TIMEFRAME.
(5) DO NOT DISTURB CANOPY & COLUMNS
(6) CONTROLLED ACCESS FENCE NEEDS TO BE 6 FOOT CHAIN LINK FENCE WITH 3-STRANDS OF BARBED WIRE ON TOP.

**NOTES: TRACT 5 PROPERTY WAS DETERMINED AS EASEMENT AND NO ROW ACQUISITION IS REQUIRED, BASED UPON TDOT RR AND ROW DIVISION COORDINATION WITH BNSF RAILWAY AND EMAIL CONFIRMATION DATED 10/9/25.

DISTURBED AREA

IN BETWEEN SLOPE LINES	61.556	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	11.332	(AC)
TOTAL DISTURBED AREA	72.888	(AC)
TOTAL PROJECT AREA	84.220	(AC)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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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.	PERM.	AIR RIGHTS
37	THIRD VIRGINIA CORP.	180P	073030 00020	INS	12117066		0.648	0.648		3058 S.F.	3058 S.F.		0.578	87		2662		
38	RAFAEL RAMIREZ	181M	073031 00007C	INS	12079275	5.889		5.889				5.889		242		0.150 AC		
39	NPV, LLC	180P	073030 00019	INS	11037905		2.700	2.700		4059 S.F.	4059 S.F.		2.607			(5) 2352		
39S	NPV, LLC	180P	073030 00019	INS	11037905		2.607	2.607		3195 S.F.	3195 S.F.		2.534			(5) 2561		
40	IBEW JONNIE DAWSON CHARITABLE FOUNDATION	180P	073030 00001	INS	16039987		1.712	1.712		4244 S.F.	4244 S.F.		1.615			3118		
40S	IBEW JONNIE DAWSON CHARITABLE FOUNDATION	180P	073030 00001	INS	16039987		1.615	1.615		1129 S.F.	1129 S.F.		1.589			1085		
41	LAMAR STORAGE OWNER, LLC	181M	073031 00001C	INS	22036590	5.689		5.689	0.303		0.303	5.386				0.110 AC		
42	RADWAN DEEK	181M	073041 00057C	INS	21036763		1.008	1.008		0.123	0.123		0.885					
43	IBEW LOCAL 1288	181M	144	INS	16093254		1.620	1.620					1.620					
44	IBEW LOCAL 1288	180P	54	INS	12055864		0.826	0.826					0.826					
45	MEMPHIS FIRE FIGHTERS ASSOCIATION LOCAL 1784	181M	57C	INS	16128010													
46	WILLOW WYCK LIMITED PARTNERSHIP	181L	073041 00121C	INS	13073238		24.770	24.770		2080 S.F.	2080 S.F.		24.722					
47	ARMSTRONG TRANSFER & STORAGE, INC	181M	9	INS	AG3235	1.630		1.630				1.630						
48	JERRY R. RAZER	181L	166	INS	13064892		1.080	1.080					1.080					
49	CORRECTIONS CORPORATION OF AMERICA	181M	2	INS	15069996	10.859		10.859				10.859						
50	VP MEMPHIS, LLC	181M	073010 00009C	INS	14020067	2.440		2.440	2845 S.F.		2845 S.F.	2.375				1048		
51	(6) ROBERT J. WILSON, TRUSTEE, NELDA D. WILSON SPOUSAL ACCESS TRUST	181L	073029 00011	INS	12148255		0.630	0.630		856 S.F.	856 S.F.		0.610					
52	SA HOSPITALITY GROUP INC	181L	10	INS	15118721		4.310	4.310					4.310					
53	AMERICAN HOME HEALTH AGENCY, INC	181L	15C	INS	15068968		1.970	1.970					1.970					
54	BERMAR ASSOCIATES-IV, LLC	181M	073010 00007	INS	12012340	0.807		0.807	937 S.F.		937 S.F.	0.785				1276		
55	WILLIAM D. ADAIR AND JENNIFER E. ADAIR	197H	0730380017	INS	17106110	0.278		0.278				0.278						
56	J BENEDICT BEER, SR. OR NYOKA BEER, TRUSTEES OF THE BEER REVOCABLE LIVING TRUST	197H	07303800016	INS	20003392	0.577		0.577				0.577						
	J BENEDICT BEER, SR. OR NYOKA BEER, TRUSTEES OF THE BEER REVOCABLE LIVING TRUST	197H	07303800015	INS	20003392													
57	NEWTS SHOP, LLC.	197H	07303800014	INS	22061441	0.607		0.607				0.607						
	NEWTS SHOP, LLC.	197H	07303800013	INS	22061441													
58	TWO BY TWO PROPERTIES, LLC	197H	07303800012	INS	22048851	0.635		0.635				0.635						
	TWO BY TWO PROPERTIES, LLC	197H	07303800011	INS	22048851													
59	QUATRELL KING	197H	07303800010	INS	22041493	1.005		1.005				1.005						
	QUATRELL KING	197H	07303800009	INS	22041943													
	QUATRELL KING	197H	07303800008	INS	22041493													
60	ROGER D. PAYNE	197H	07303800007	INS	GX8743	0.349		0.349				0.349						
61	KORTNIE DOCKERY AND DARRLYON DOCKERY	197A	07303800006	INS	21059005	0.719		0.719				0.719						
	KORTNIE DOCKERY AND DARRLYON DOCKERY	197A	07303800005	INS	21059005													
62	H.W. JENKINS COMPANY	197A	07303800003C	INS	Y99831	7.632		7.632				7.632						
	H.W. JENKINS COMPANY	197A	07303800001	INS	08143556													
	H.W. JENKINS COMPANY	197A	07303800002	INS	08143556													
63	TRACEY L. PALMER, A MARRIED MAN	197A	07303300005	INS	22034477	1.728		1.728	1316 S.F.		1316 S.F.	1.698						
64	BNSF RAILWAY COMPANY	197Q	09340000164C				179.791	179.791					179.791					
65	MALMO GOODRICH PROPERTIES, LLC	197I	07303700047	INS	15048147	1.630		1.630				1.630						

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	3A1
PIH	2026	STP/NH-4(6)	3A1

REV. 11-29-21: ADDED SHEET 3A1.
REV. 4-11-22: COMBINED SAME OWNERS TO ONE TRACT NUMBER & ONE TOTAL AREAS.
REV. 6-20-22: REVISED INS# FOR TR. 58.
REVISED OWNER & INS# FOR TR. 59.
REVISED TOTAL AREA FOR TR. 62.
REVISED PARCEL# 073033 00005 WITH NEW TR.# & TOTAL AREA.
REV. 8-19-22: REVISED OWNER & INS# FOR TR. 57.
REV. 10-31-22: REMOVE FOOTNOTE #4. LINE THROUGH TR. 55, 56, 57, 58, 59, 60, 61, 62 & 63.
REV. 7-15-25: ADDED TR. 39S, 40S, & 63. REVISED DISTURBED TABLE.

PLAN IN HAND

FOOTNOTES:
(1) LOSS OF ACCESS
(2) FOR CONSTRUCTION OF S.R. 4 (LAMAR) ALIGNMENT & PROPOSED BRIDGE
(3) TOTAL ACQUISITIONS
(4) EASEMENT CONTAINS 1.34 AC FOR PH. 1 ACQUISITION & 0.515 AC. FOR PH. 2 ACQUISITION.SEE SHEET 10D & 10E FOR DETAILS.
(4) EASEMENT FOR PH. 1 ACQUISITION IS TO HAVE A ONE YEAR TIMEFRAME.
(5) DO NOT DISTURB CANOPY & COLUMNS
(6) CONTROLLED ACCESS FENCE NEEDS TO BE 6 FOOT CHAIN LINK FENCE WITH 3-STRANDS OF BARBED WIRE ON TOP.

DISTURBED AREA		
IN BETWEEN SLOPE LINES	61.556	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	11.332	(AC)
TOTAL DISTURBED AREA	72.888	(AC)
TOTAL PROJECT AREA	84.220	(AC)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	3B
PIH	2026	STP/NH-4(6)	3B

REV. 1-15-21: RENAMED PERKINS RD. WEST OF LAMAR TO RAINES RD. ADDED LOA PATTERN TO TR. 3. UPDATED MATCH LINE SHT. NO.
REV. 10-31-22: REVISED RAILROADS TO BNSF RAILWAY COMPANY.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

LEGEND

LOSS OF ACCESS

495 500 505 510 515

~~END PROJ. R NH 4(11) CONST.~~
~~℄ STA. 504+30.00~~

℄ S.R. 4 STA. 513+78.86 =
℄ PERKINS/RAINES STA. 18+05.73
N 280100.5470
E 796078.1487

PIDGEON ROOST RD.
PRES. ROW

LAMAR AVE.
N 47° 56' 42" W ℄ S.R. 4

℄ RAMP C1A
℄ RAMP C1
E.B. ℄ RAINES RD.
W.B. ℄ RAINES RD.
℄ RAMP A1
℄ RAMP A
℄ RAMP D
℄ RAMP C2
℄ RAMP C2A
℄ RAMP F1

BEGIN PROP. (CA) & FENCE
250' MLCW TRANSL ESMT.
PROP. ROW (CA) & FENCE
PRES. ROW (CA) & FENCE
WTL-11
TEN MILE CREEK
MATCH LINE STA. 520+00 SEE SHT. NO. 3C

STR-9
TS 507+47.98
SC 510+97.98
PERKINS RD.
℄ PERKINS

PRES. ROW
BEGIN PROJ. NO. STP/NH-4(6)PLAN-IN-HAND
℄ STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987

79020-2253-14 (ROW)
BEGIN PROJ. NO. STP-NH-4(6)
℄ S.R. 4 STA. 515+92.67
(LM 3.73)
N 280271.9560
E 795950.4350

PRES. ROW (CA)
℄ PROP. ROW (CA) & FENCE
PRES. ROW (CA)
BNSF RAILWAY COMPANY

NOTE:- 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 TDOT PROJECT MANAGER TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF THE CONSTRUCTION CONTRACT.

NOTE:- 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 DRIVEWAS ON STATE HIGHWAY RIGHT-OF-WAY, STANDARD DRAWING RP-P-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.

64 65 1 2 3 5

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

BEGIN PROJECT TO STA. 520+00

SCALE: 1"= 100'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	3C
PIH	2026	STP/NH-4(6)	3C

REV. 1-15-21: UPDATED MATCH LINE SHT. NOs. ADDED LOA PATERN TO TRs. 3 & 4.
REV. 11-29-21: ADDED TR 55. REMOVED LINE THRU ON TRs 6 & 8.
REV. 6-20-22: REVISED AIR RIGHTS ESM'T & PERM. ESM'T ON TR. 5.
REV. 10-31-22: LINE THROUGH TR. 6, 8 & 55. REVISED RAILROADS TO BNSF RAILWAY COMPANY.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

LEGEND:-

- PERMANENT ESM'T
- AIR RIGHTS ESM'T
- CONST. ESM'T
- LOSS OF ACCESS

N

525 530 535 540

℄ S.R. 4 STA. 536+56.16
N 282228.1729
E 795381.3501

TS 539+21.70
SC 543+21.70

END N HAUL RD
60.22' R OF CL SR 4 STA 536+24.71
= ℄ OF N HAUL RD STA 3+91.59
N 282204.28
E 795444.94

BEGIN S HAUL RD
58.64' R OF CL SR 4 STA 530+97.62
= ℄ OF S HAUL RD STA 0+00.00
N 281680.98
E 795507.46

BEGIN N HAUL RD
45.21' R OF CL SR 4 STA 539+45.40
= ℄ OF N HAUL RD STA 0+00.00
N 282520.78
E 795391.06

END S HAUL RD
56.32' R OF CL SR 4 STA 535+02.94
= ℄ OF S HAUL RD STA 4+39.37
N 282082.94
E 795455.88

PROP. ROW (CA) & FENCE
END PROP. (CA) & FENCE
PRES. ROW (CA) & PROP. ROW (CA) & FENCE
PRES. ROW (CA) & PROP. ROW (CA) & FENCE
PRES. ROW (CA) & RENCE
PROP. ROW (CA) & RENCE
PRES. ROW (CA) & PROP. ROW (CA) & FENCE
PRES. ROW (CA) & PROP. ROW (CA) & FENCE
PRES. ROW
PRES. ROW
BEGIN (CA) & FENCE

CONST. ESMT.
PERM. ESMT.
CONST. ESMT.
PERM. ESMT.
AIR RIGHTS

℄ RAMP A
℄ RAMP E
℄ S.R. 4 N 6° 58' 56" W

LAMAR AVE.
OLD LAMAR AVE.
DELP RD.
℄ BNSF RAILWAY
BNSF RAILWAY COMPANY
TEN MILE CREEK
STR-10

WTL-12

100' R.O.W.
250' R.O.W. PERM. ESM'T.
100' ROW
166' ROW

MATCH LINE STA. 544+00 SEE SHT. NO. 3D
MATCH LINE STA. 520+00 SEE SHT. NO. 3B

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 520+00 TO STA. 544+00

SCALE: 1"= 100'

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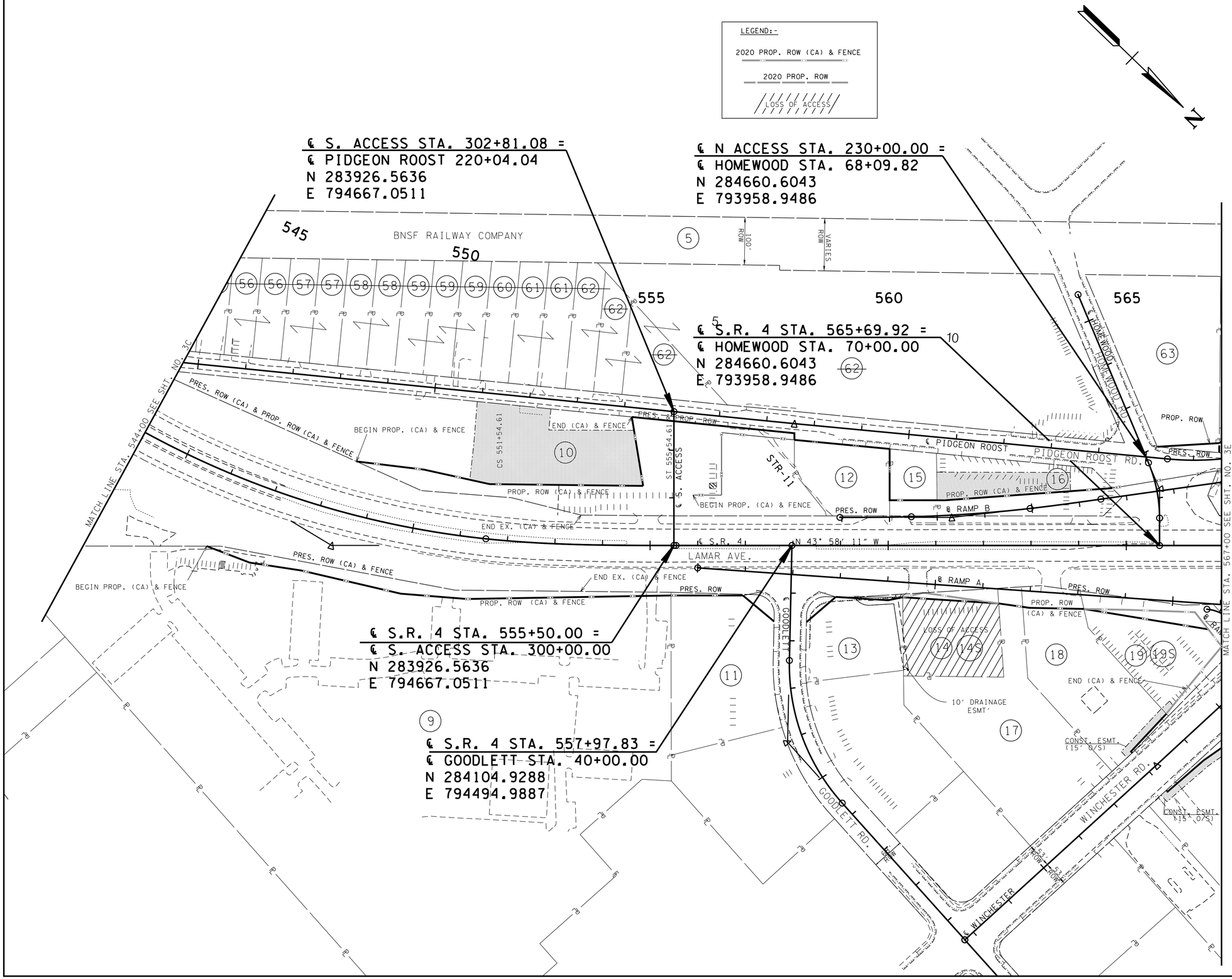
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	3D
PIH	2026	STP/NH-4(6)	3D

REV. 1-15-21: UPDATED MATCH LINE SHT. NOs.
REV. 3-26-21: REVISED PROP ROW FOR TR. 10
REV. 11-29-21: REVISED PROP ROW, SLOPES & CONST. ESMT FOR TR. 10. ADDED TRs 56,57,58,59,60,61,62,63,64, 65,66,67,68,69,70 AND 71.
REV. 04-11-22: REVISED & COMBINED 57 TR. 56; 58 & 59 TO TR. 57; 60 & 61 TO TR. 58; 62, 63 & 64 TO TR. 59; 65 TO TR. 60; 66 & 67 TO TR. 61; 68, 69, 70 & 71 TO TR. 62.
REV. 5-10-22: ADDED CONST. ESM'T FOR TR. 16.
REV. 6-20-22: REPLACED TR. 62 WITH TR. 63 AT APPROXIMATE STA. 566+00 LT.
REV. 10-31-22: LINE THROUGH TR. 56, 57, 58, 59, 60, 61, 62 & 63. REVISED RAILROADS TO BNSF RAILWAY COMPANY.
REV. 6-26-23: SURVEY UPDATE WEST SIDE OF APARTMENT BUILDING WITH IMPROVED ASPH. PARKING LOT FROM STA. 545+00 RT. TO STA. 547+00 RT.
REV. 6-26-23: SURVEY UPDATE WEST SIDE OF APARTMENT BUILDING WITH IMPROVED ASPH. PARKING LOT FROM STA. 545+00 RT. TO STA. 547+00 RT.
REV. 7-15-25: ADDED TR. 14S, 19S, & 63.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 544+00 TO STA. 567+00

SCALE: 1"= 100'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	3E
PIH	2026	STP/NH-4(6)	3E

REV. 1-15-21: UPDATED MATCH LINE SHT. NOs. REVISED ACQUISITION ON TR. 26, 31 & 33. REVISED TR. 20 TO TR. 19. REVISED TR. 27, 30 & 32 TO TR. 26. REVISED TR. 36 TO 34.
REV. 1-15-21: REVISED PROP ROW, SLOPES & CONST. ESMT. FOR TR. 22 & 23. ADDED CONST. ESMT. ON TR. 24, 25 & 26. REMOVED L.O.A. FOR TR. 23.
REV. 11-29-21: REVISED TR. 5, 22, 26 & 34. REVISED PROP. ROW & ESM'T FOR TR. 22. REVISED CONST. ESM'T FOR TR. 24, 26, 31, 33 & 34
REV. 3-10-22: REVISED CONST. ESM'T & ADDED CANOPY & COLUMNS FOR TR. 39.
REV. 10-31-22: REVISED CONST. ESM'T FOR TR. 31. REVISED RAILROADS TO BNSF RAILWAY COMPANY.
REV. 7-15-25: REVISED TR. 22. ADDED TR. 19S, 26S, 34S, 35S, 39S & 40S.
REV. 7-28-25: REMOVED CONST. ESM'T FOR TR. 34S.
REV. 10-1-25: REVISED CONST. ESM'T FOR TR. 33. ADDED PH. 1 & 2 ACQUISITION FOR TR. 24.

LEGEND:-

2020 PROP. ROW (CA) & FENCE

2020 PROP. ROW

2020 CONST. ESM'T

℄ WINCHESTER STA. 84+70.00 =
℄ N ACCESS STA. 240+60.30
N 285049.5784
E 793087.7864

℄ S.R. 4 STA. 577+08.42 =
℄ CLEARPOOL (A) STA. 110+00.00
N 285490.2534
E 793179.6351

℄ S.R. 4 STA. 592+43.32 =
℄ CLEARPOOL <B> STA. 120+00.00
N 286652.6369
E 792177.2523

℄ S.R. 4 STA. 570+62.91 =
℄ WINCHESTER STA. 90+00.00
N 285015.4181
E 793616.6726

BNSF RAILWAY COMPANY

VARIES ROW

100' R.O.W

PRES. & PROP. ROW

PRES. ROW

PROP. ROW

℄ N. ACCESS

℄ WINCHESTER RD.

CONST. ESMT. (15' O/S)

END PROP. (CA) & FENCE

PROP. ROW (CA) & FENCE

20' DRAINAGE ESMT.

℄ RAMP B1

℄ RAMP B

℄ RAMP C1

℄ RAMP C

END PROP. (CA) & FENCE

PERM. DR. ESMT.

LAMAR AVE.

℄ S.R. 4

N 40° 46' 22" W

℄ RAMP A

℄ RAMP A1

℄ RAMP D

℄ RAMP D1

PROP. ROW (CA) & FENCE

END PROP. (CA) & FENCE

PC 572+77.35

PT 575+97.02

℄ CLEARPOOL

50' ROW

CLEARPOOL RD.

CLEARPOOL RD

CONST. ESMT. (15' O/S)

PERM. DR. ESMT.

MATCH LINE STA. 567+00 SEE SHT. NO. 3D

MATCH LINE STA. 593+00 SEE SHT. NO. 3F

570 575 580 585 590

5 15 19 19S 21 22 23 24 25 26 26S 27 28 29 31 33 34 34S 35 35S 37 38 39 39S 40 40S 41 42 43 44 47

℄ WINCHESTER

℄ RAMP D1

℄ RAMP D

CONST. ESM'T.

NOTE: INSET FOR TR. 24 PH. 1 ACQUISITION REPRESENTED

* TR. 24 PH. 2 ACQUISITION REPRESENTED

PLAN IN HAND

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 567+00 TO STA. 593+00

SCALE: 1"= 100'

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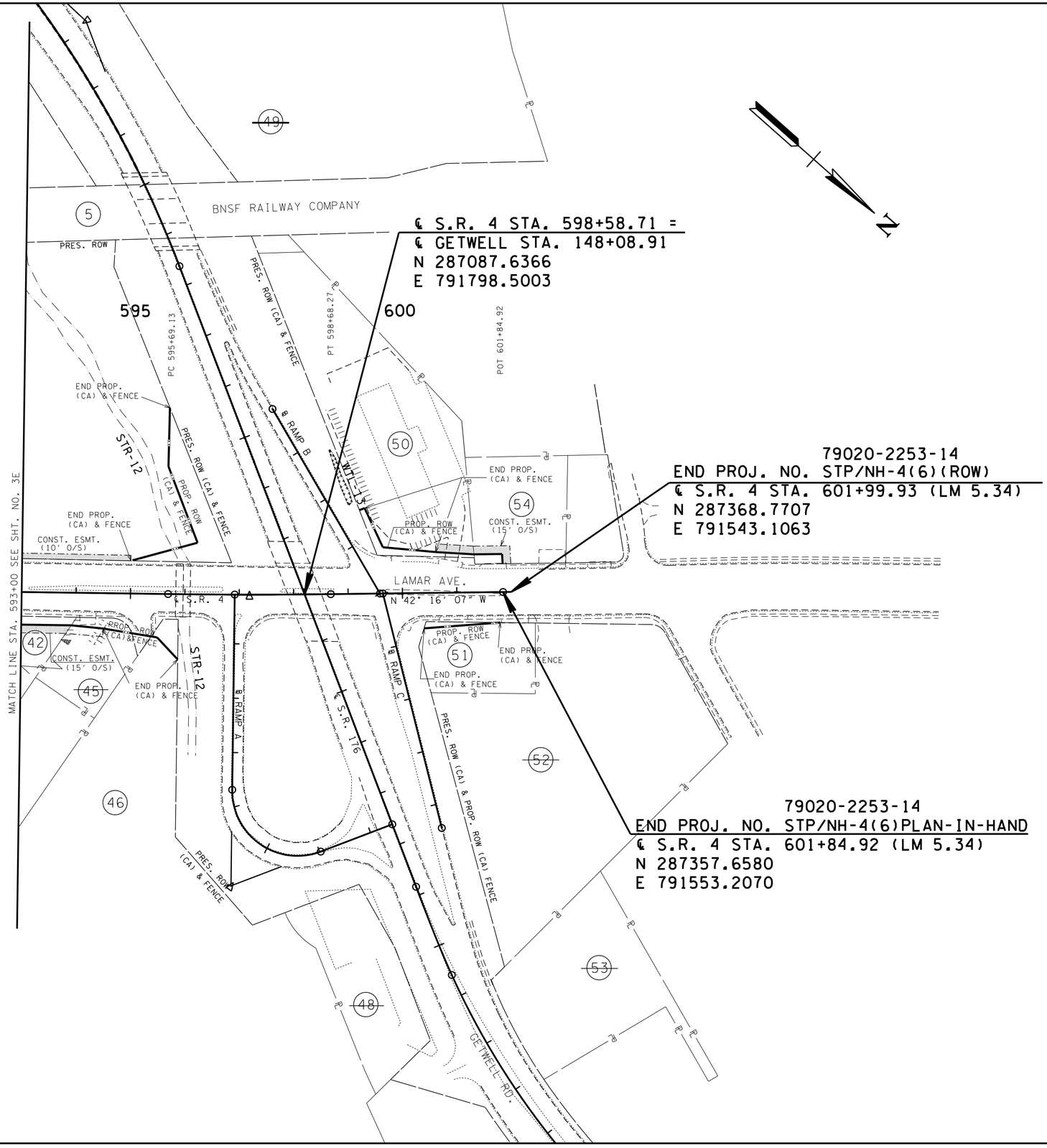
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	3F
PIH	2026	STP/NH-4(6)	3F

REV. 1-15-21: UPDATED MATCH LINE SHT. NO.
REV. 11-29-21: REVISED STA. ON END PROJ. FOR ROW
REV. 10-31-22: REVISED RAILROADS TO BNSF RAILWAY COMPANY.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 593+00 TO END PROJECT

SCALE: 1"= 100'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	4
PIH	2026	STP/NH-4(6)	4

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

BEGIN TO STA. 508+00
SCALE: 1"=50'

GPS = 79-04-23
N 279125.8666
E 796919.7008
EL. 324.32
STA. 500+99.19
OFFSET 122' LT.

SEE SHEET 23B FOR PERKINS RAMPS C1
SEE SHEET 23D FOR PERKINS RAMPS C2

ASPHALT

PC 21+72.29

PT 23+94.68

TOP-322.96

TOP-324.09

TOP-322.66

TOP-321.84

24"RCP
FL-312.29

30"RCP
FL-311.06
TO REMAIN

12"RCP

CUT

℄ RAMP C1

PC 20+29.72

S 88° 04' 15" E

PT 18+79.77

TS 507+47.98(S.R.4)

LIMIT OF CONST.
STA. 19+95.00 RAMP C1
MATCH EXIST.

END PROJ. R-NH-4(11)(CONST.)
STA. 504+30.00

CP-S23 MON79-04-23

ST 27+35.40

CS 24+95.40

LAMAR AVE.

48"RCP

INLET
TOP-324.81
FLout(N)-322.91

N 43° 23' 32" W

48"RCP
FL-313.29

12"RCP
FL-317.03

SC 24+96.96

FUEL PUMP
SHUTOFF VALVE

WELL

POT 20+00.00

TS 21+38.95

CONC.

BILLBOARD

ASPHALT

380' CONC. DITCH
TO REMAIN

LIMIT OF CONST.
MATCH EXIST.

FILL

END PROJ. NO. R-NH-4(11) R.O.W.
STA. 504+43.31 S.R.4
N 279446.9742
E 796745.9151

24"RCP
FL-299.65
TO REMAIN

24"RCP
TO REMAIN

BEGIN PROJ. NO. STP/NH-4(6) PLAN-IN-HAND
STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987

LIMIT OF CONST.
STA. 28+50.00 RAMP C2
MATCH EXIST.

PT 28+36.96

N 31° 14' 41" W ℄ RAMP C2

TO REMAIN
CONC. DITCH

PC 29+79.42

44.75'

43.37'

MATCHLINE STA 508+00 SEE SHEET 5 & 5D
MATCHLINE RAMP C1 STA 17+07.60 SEE SHEET 5
MATCHLINE RAMP C2 STA 32+00.00 SEE SHEET 5D

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	4A
PIH	2026	STP/NH-4(6)	4A

REV. 1-15-21: UPDATED MATCH LINE SHT. NO.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

GPS * 79-04-23
N 279125.8666
E 796919.7008
EL. 324.32
STA. 500+99.19
OFFSET 122' LT.

N

EIP
N 87° 57' 15" W
353.55'
507+11.71
517.27'
S 87° 57' 15" E
353.54'
R=560.00'
L=382.51'
504+40.91
289.97'
S 86° 59' 32" E
21.53'
504+24.19
276.41'
CUT
℄ RAMP C1
S 88° 04' 15" E
CUT
LIMIT OF CONST.
STA. 19+95.00 RAMP C1
MATCH EXIST.
TS 507+47.98(S.R.4)
EIP
N 48° 49' 05" W
1037.63'
500
℄ PIDGEON ROOST RD.
R.O.W. 80'
R=640.00'
L=415.62'
PRES. ROW
CP-S23
MON79-04-23
500+39.20
140.25'
℄ RAMP C1
25
VARIES
ROW
END PROJ. R-NH-4(11)(CONST.)
STA. 504+30.00
CUT
℄ S.R. 4 (LAMAR AVE.)
N 47° 56' 42" W
N 43° 23' 32" W
℄ RAMP C2
495+91.79
97.16'
N 55° 39' 59" W
201.94'
EIP
N 21° 11' 53" W
223.49'
497+91.36
197.74'
EIP
N 48° 14' 07" W
347.98'
PRES. ROW
501+39.34
195.98'
CONC.
N 28° 44' 23" W
247.80'
503+73.34
277.49'
CONC.
S 87° 39' 00" W
248.16'
N 42° 31' 52" W
99.90'
EIP
LIMIT OF CONST.
MATCH EXIST.
CUT
FILL
END PROJ. NO. R-NH-4(11) R.O.W.
STA. 504+43.31 S.R.4
N 279446.9742
E 796745.9151
BEGIN PROJ. NO. STP/NH-4(6) PLAN-IN-HAND
STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987
LIMIT OF CONST.
STA. 29+50.00 RAMP C2
MATCH EXIST.
CUT
N 3° 14' 41" W
℄ RAMP C2
30
FILL
N 4° 10' 31" W
238.30'
CUT
505+45.43
442.34'
CONC.
N 5° 06' 09" E
270.58'
℄ RAMP D

MATCHLINE STA 508+00 SEE SHEET 5A & 5E
MATCHLINE RAMP C1 STA 17+07.60 SEE SHEET 5A
MATCHLINE RAMP C2 STA 32+00.00 SEE SHEET 5E

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

BEGIN TO STA. 508+00
SCALE: 1"= 50'

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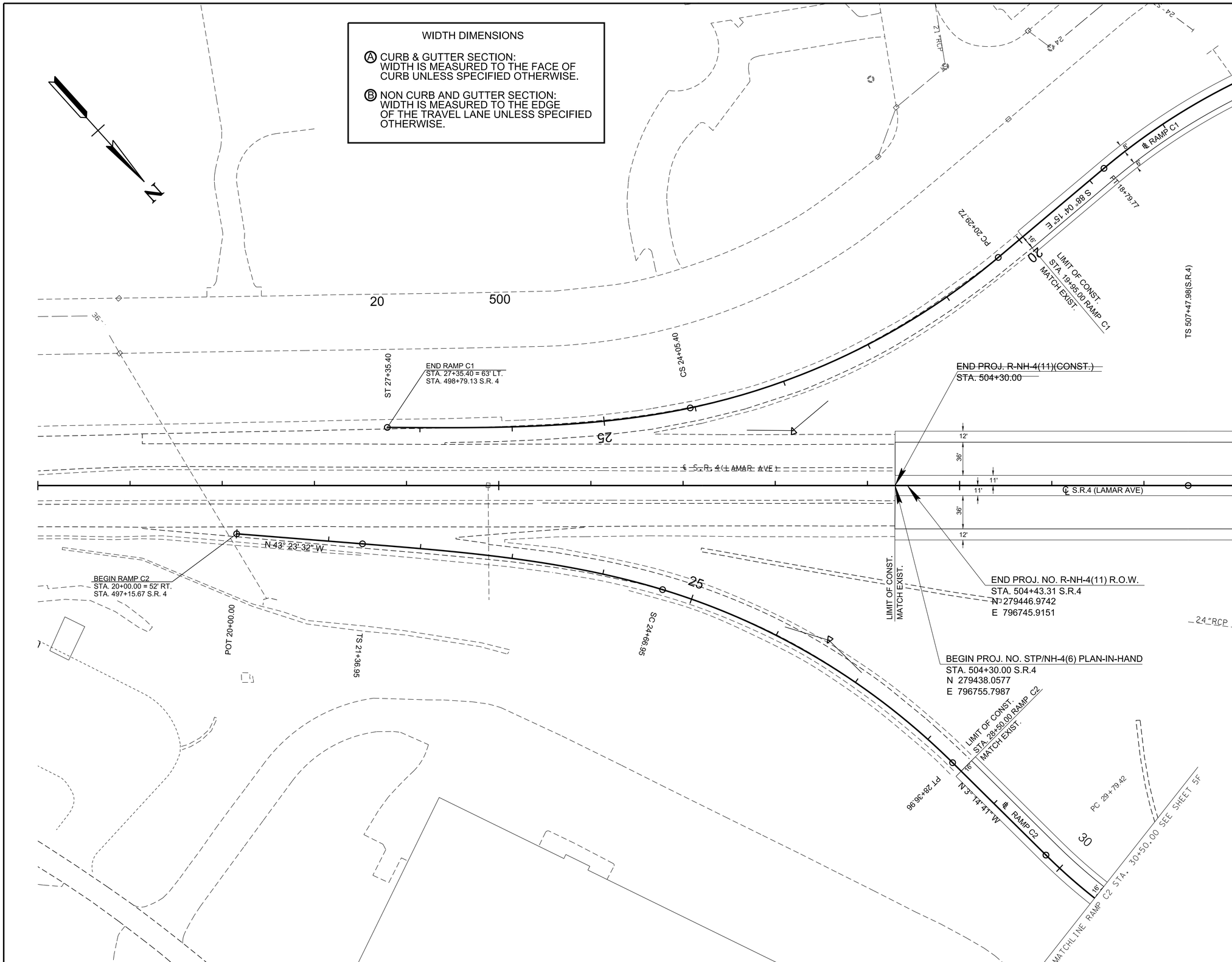
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	4B
PIH	2026	STP/NH-4(6)	4B

REV. 1-15-21: UPDATED MATCH LINE SHT. NO.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

BEGIN TO STA. 508+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	4C
PIH	2026	STP/NH-4(6)	4C

REV. 11-29-21: REVISED EARTHWORK CALCULATIONS.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

GPS # 79-04-23
N 279125.8666
E 796919.7008
EL. 324.32
STA. 500+99.19
OFFSET 122' LT.

BM # 23
STA.500+83.22
OFFSET -213.18
EL. 326.03
CPS IN TOP OF CURB

END PROJECT R-NH-4(11)(CONST.)
℄ STA. 504+30.00 S.R.4

PLAN-IN-HAND
BEGIN PROJ. STP/NH-4(6)
℄ STA. 504+30.00 S.R.4

VPI 504+30.00
EL. 319.74

EXIST. GROUND PROFILE

T (UG)

EXIST. 8" SAN.

HW100 EL. 327.21

-1.933%

GPS#79-04-23

UG TELEPHONE

P (UG)

UG TELEPHONE

-1.933%

FG

VPI 504+30.00
EL. 319.75

-0.020 F/F LT.

-0.020 F/F RT.

℄ P.G.L.

LT. EOP

RT. EOP

BEGIN S.E. TRANSITION (LT.)
STA. 507+47.98

355 350 345 340 335 330 325 320 315 310 305 300 295 290 285 280 275 270 265 260

495+00 496+00 497+00 498+00 499+00 500+00 501+00 502+00 503+00 504+00 505+00 506+00 507+00 508+00

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

BEGIN TO STA. 508+00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	5
PIH	2026	STP/NH-4(6)	5

REV. 1-15-21: RENAMED PERKINS RD. WEST OF LAMAR TO RAINES RD.
REV. 11-29-21: REVISED OWNER FOR TR. 2.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED RET. WALL#1.

PLAN IN HAND

LEGEND	DESCRIPTION
	PVM'T OBLITERATED

SEE SHEET 13,14,23A,23B,23C FOR PERKINS & RAMPS PROFILES

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 508+00 TO STA. 520+00
SCALE: 1"= 50'

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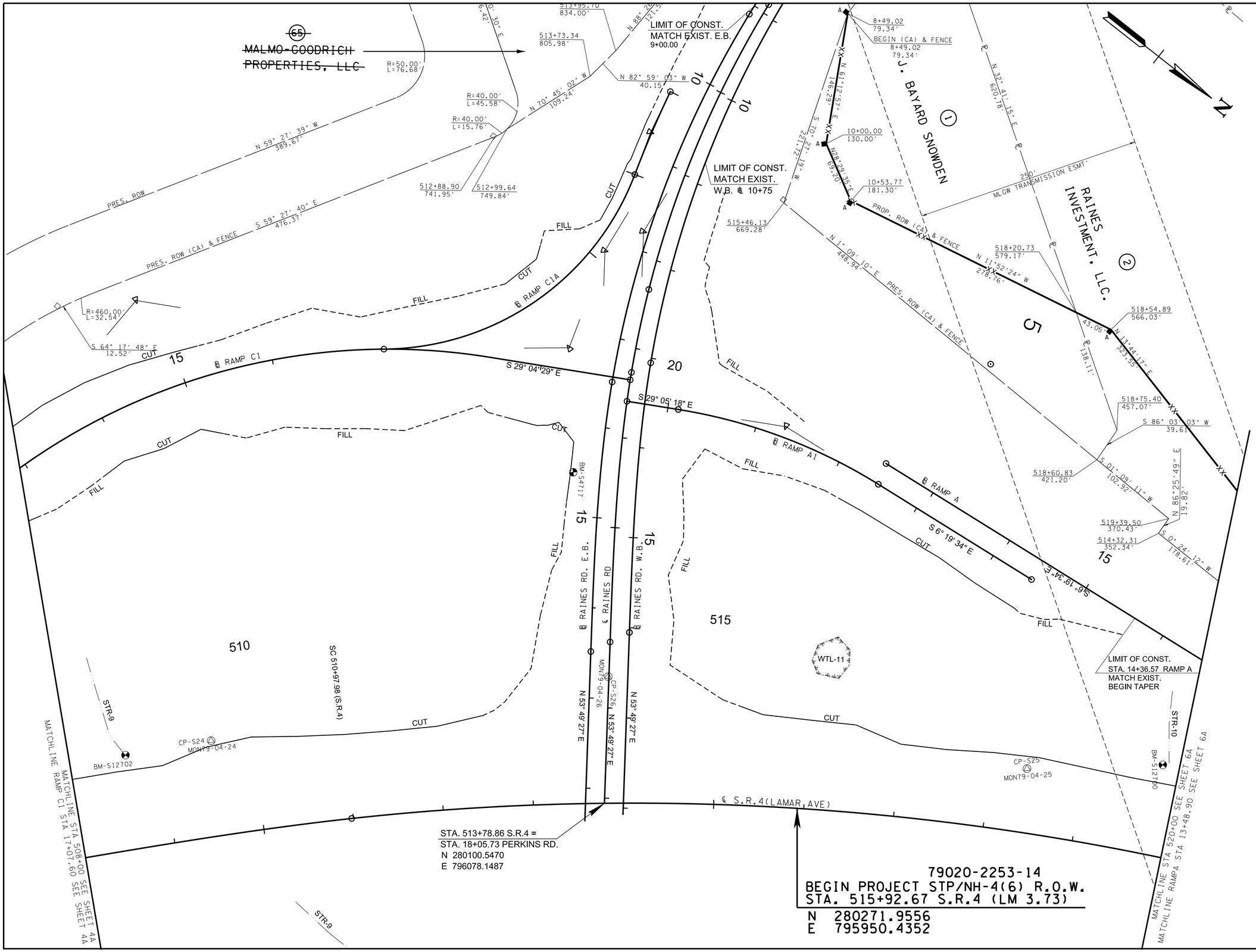
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	5A
PIH	2026	STP/NH-4(6)	5A

REV. 10-22-20: REVISED BEARING ON TR. 1 & TR.2
REV. 1-15-21: RENAMED PERKINS RD. WEST OF LAMAR TO RAINES RD.
REV. 11-29-21: REVISED OWNER FOR TR. 2.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 508+00 TO STA. 520+00
SCALE: 1"= 50'

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ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
1A	16+94.00 (61.36' LT) RAMP C1	U	90	307.37	18
3	11+95.00 (52' LT) PERKINS WB	U	90	303.75	18
4	13+00.00 (95' LT) PERKINS WB.	U	90	303.20	18
5	14+20.00 (135' LT) PERKINS WB.	U	90	302.55	18
13	14+22.00 (100' LT) PERKINS WB.	U	90	303.31	18
27A	508+59.57 (114' LT)	U	50	299.90	36

STORM DRAINAGE PIPE

FROM		TO		PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
CODE	ELEV.	CODE	ELEV.						
1	305.85	2	304.45	18	53	2.64	11.4	2.84	17.08
2	304.25	3	303.75	18	94	0.53	20.3	4.36	7.67
4	303.20	5	302.55	18	118	0.55	25.5	5.47	7.80
6	319.00	7	316.50	18	163	1.53	35.2	1.03	13.02
7	316.30	12	312.80	18	79	4.43	17.1	2.19	22.12
12	312.60	13	303.31	18	89	10.44	19.2	4.89	33.96
9	293.30	10	292.70	18	81	0.74	17.5	3.50	9.05
11	293.30	10	292.70	18	82	0.73	17.7	6.00	8.99
27A	299.90	27C	299.81	36	13	0.69	3.9	89.2	

CATCH BASINS

CODE	STATION	OFFSET (FT.)	STRUCTURE TYPE	GRATE/TOP ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)	COMMENT
1	11+00.00 (PERKINS EB)	2' LT	12	310.37	305.85	0.49	2.84	
2	11+00.00 (PERKINS WB.)	26' LT	12	309.28	304.25	0.28	1.52	
6	16+00.00 (PERKINS EB.)	34.35' RT	12	323.34	319.00	0.16	1.03	
7	14+38.00 (PERKINS EB.)	2' LT	12	320.99	316.30	0.18	1.16	
8	STA. 511+41.50	0	41	304.86	297.95	0.30	2.03	
9	STA. 516+08.25	0	41	297.59	293.30	0.52	3.51	
10	STA. 516+93.25	0	45	297.37	292.58	0.21	1.52	
11	STA 517+81.25	0	45	297.59	293.30	0.89	6.00	
12	13+70.00 (PERKINS WB.)	26' LT	12	317.16	312.60	0.42	2.70	

CONTRACTOR NOTE:
THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT NO CONSTRUCTION ACTIVITY WILL OCCUR IN, NOR THAT ANY CONSTRUCTION EQUIPMENT WILL ENTER ANY PORTION OF STR-9, STR-10, OR WTL-11 AND THAT THE STREAM AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND ARE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	5B
PIH	2026	STP/NH-4(6)	5B

REV. 1-15-21: RENAMED PERKINS RD. WEST OF LAMAR TO RAINES RD.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV.02-25-26: ADDED RET. WALL#1.

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION:
WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION:
WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.

PLAN IN HAND

SEE SHEET 13,14,23A,23B,23C,23D.23E,23F FOR PERKINS & RAMPS PROFILES

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 508+00 TO STA. 520+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	5C
PIH	2026	STP/NH-4(6)	5C

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED RET. WALL#1 & 7.

BM #1
STA. 508+61.89
OFFSET 104.74'LT.
ELEV. 303.82
CHISEL MARK IN HEADWALL
WEST SIDE LAMAR SOUTH OF PERKINS

BM #2
STA. 519+81.72
OFFSET 101.23'LT.
ELEV. 297.20
CHISEL MARK ON HEADWALL OF TWIN BOX
CULVERT WEST SIDE LAMAR NORTH OF PERKINS

PIPE CULVERT
STATION: 509+52.11
STRUCTURE: EXTENDING 13' & 13' OF 36" RCP

SKEW	45	DEG. RT
DRAINAGE AREA	28.33	AC.
DESIGN DISCHARGE (Q50)	89.20	CFS
DESIGN DISCHARGE (Q100)	95.20	CFS
OVERTOPPING ELEV.		
ALLOWABLE HEADWATER ELEV.	309.00	FT
Q50 HEADWATER ELEV.	308.74	FT
Q100 HEADWATER ELEV.	309.84	FT
VELOCITY (Q50)	12.90	FT/S
VELOCITY (Q100)	13.60	FT/S

ENDWALLS REQUIRED:
2 TYPE U (6:1)
STANDARD DRAWING NOS.:
D-PE-1
QUANTITIES:
26' OF 36" RCP
2 OF TYPE "U" E.W.

℄ S.R. 4 STA. 513+57.84 =
℄ PERKINS/RAINES E.B. STA.18+17.12
EL 329.52

℄ S.R. 4 STA. 513+99.88 =
℄ PERKINS/RAINES W.B. STA. 17+94.50
EL 329.52

BR ID 79SR004005 RL
BR ID 79SR004005 LL

79020-2253-14
BEGIN PROJ. STP-NH-4(6) R.O.W.
℄ STA. 515+92.67 S.R.4
(L.M. 3.73)

VPI 508+75.00
EL. 311.14

VC = 800'
K = 174

OH WIRE
STA. 519+86.59
LOW WIRE EL. 319.54'⊙
TEMP. 77 DEG.
12 POWER
2 TELEPHONE

T/W 512+54.66
ELEV: 303.72

T/W 512+77.27
ELEV: 307.81

VPC 513+50.00
EL. 301.78

℄ S.R. 4 STA. 513+78.86 =
℄ PERKINS/RAINES STA. 18+05.73
EL. 301.24

PROP. TOP OF WALL 1

PROP. TOP OF WALL 7

T/W 515+10.62
ELEV 302.26

T/W 515+14.30
ELEV: 298.19

FG

SAG 516+93.28
EL. 298.40

VPI 517+50.00
EL. 293.90

EXIST. GROUND

-1.933%

-1.970%

2.632%

P (UG)

UGF

8 #51

27 EW

EXIST. 24" RCP
SKEW 90°

9 #51

10 #52

11 #52

BM 1

BM 2

EXIST.
SKEW 9

+0.020 F/F LT.
-0.020 F/F RT.

+0.051 F/F LT.
-0.051 F/F RT.

LT. EOP

℄ P.G.L.

RT. EOP

S.E. DIAGRAM

BEGIN S.E. TRANSITION (RT.)
STA. 509+46.16

BEGIN FULL S.E.
STA. 510+97.68

345 340 335 330 325 320 315 310 305 300 295 290 285 280 275 270 265 260 255 250

508+00 509+00 510+00 511+00 512+00 513+00 514+00 515+00 516+00 517+00 518+00 519+00 520+00

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 508+00 TO STA. 520+00

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

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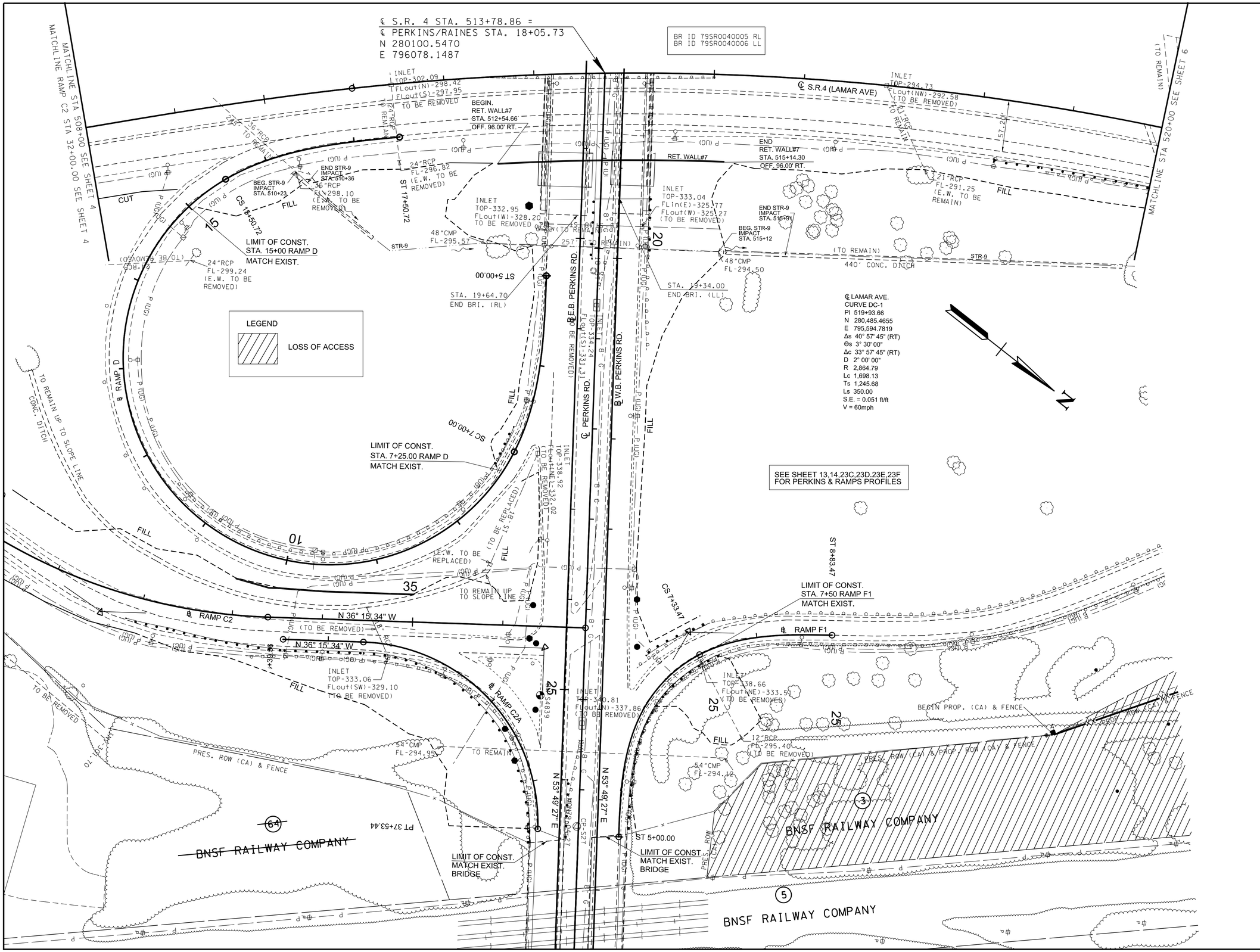
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	5D
PIH	2026	STP/NH-4(6)	5D

REV. 1-15-21: ADDED LOA PATTERN TO TR. 3. REMOVED BILLBOARD FROM TR. 3
REV. 10-31-22: REVISED TR. 5 OWNER.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED RET. WALL#7.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 508+00 TO STA. 520 +00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	5E
PIH	2026	STP/NH-4(6)	5E

REV. 10-22-20: REVISED BEARING ON TR. 3.

REV. 1-15-21: REVISED SHEET NO. TO 5E. ADDED LOA PATTERN TO TR. 3

REV. 10-31-22: REVISED OWNER FOR TR. 5.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

BM-S12702

CP-S24
MON79-04-24

℄ S.R. 4 STA. 513+78.86 =
℄ PERKINS/RAINES STA. 18+05.73
N 280100.5470
E 796078.1487

℄ S.R.4(LAMAR AVE)

CP-S25
MON79-04-25

BM-S12700

MATCHLINE STA 508+00 SEE SHEET 4A
MATCHLINE RAMP C2 STA 32+00.00 SEE SHEET 4A

MATCHLINE STA 520+00 SEE SHEET 6A

79020-2253-14
BEGIN PROJECT STP/NH-4(6) (ROW)
STA. 515+92.67 S.R.4 (LM 3.73)
N 280271.9556
E 795950.4352

CUT
FILL
STR-9
LIMIT OF CONST.
STA. 15+00 RAMP D
MATCH EXIST.
℄ SC 510+97.98(S.R.4)
℄ RAMP D
LEGEND
LOSS OF ACCESS
LIMIT OF CONST.
STA. 7+25.00 RAMP D
MATCH EXIST.
℄ RAINES RD. E.B.
℄ PERKINS RD.
℄ RAINES RD. W.B.
N 53° 49' 27" E
MON79-04-27
CP-S27
BM-S4839
℄ RAMP C2
N 36° 15' 34" W
℄ RAMP C2A
PRES. ROW (CA) & PROP. ROW (CA) & FENCE
N 27° 00' 54" W 339.90'
N 30° 39' 08" E 134.00'
64
BNSF RAILWAY COMPANY
℄ RAMP F1
LIMIT OF CONST.
STA. 7+50 RAMP F1
MATCH EXIST.
522+78.58
498.25'
N 59° 16' 00" W 789.04'
N 66° 00' 56" W 272.39'
N 53° 49' 27" W
PROP. ROW (CA) & FENCE
S 21° 50' 39" E 35.20'
A
BEGIN (CA) & FENCE
520+26.48
682.80'
3
BNSF RAILWAY COMPANY
DETAIL FOR TRACT 3
N 43° 52' 24" W 329.19'
S 83° 54' 57" E 75.07'
N 58° 23' 08" E 72.64'
R.R. ROW
5
BNSF RAILWAY COMPANY
100' ROW

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 508+00 TO STA. 520+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	5F
PIH	2026	STP/NH-4(6)	5F

REV. 1-15-21: REVISED SHEET NO. TO 5F
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED RET. WALL#7.

79020-2253-14
BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 3.73)
N 280271.9556
E 795950.4352

510 515

MATCHLINE STA 508+00 SEE SHEET 4B

MATCHLINE STA 520+00 SEE SHEET 6B

SC 510+97.98 (S.R.4)

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

BR ID 79SR0040005 RL
BR ID 79SR0040006 LL

℄ S.R.4 (LAMAR AVE)

245' 36" RCP TO REMAIN

24" RCP

59'

8'

47'

12'

STA 513+99.88 S.R. 4 =
STA 17+94.50 ℄ W.B. PERKINS

STA 513+57.84 S.R. 4 =
STA 18+17.12 ℄ E.B. PERKINS

RET. WALL#7

END RET. WALL#7 STA. 515+14.30 OFF. 96.00' RT.

18" RCP

FL-291.25

TYPE 38 STA. 518+23

END RAMP D STA. 17+50.72 = 59' RT. STA 511+45.72 S.R. 4

PROP. BRIDGE

PERKINS E.B. 19+56+62
END PROP. BRIDGE

PERKINS W.B. 19+34.00
END. PROP. BRIDGE

BEGIN. RET. WALL#7 STA. 512+54.66 OFF. 96.00' RT.

OVERHEAD GANTRY POLE

BEG. STR-9 IMPACT STA. 510+23 13' OF 36" RCP EXTENSION

END STR-9 IMPACT STA. 510+40 10' TYPE U EW

BEG. STR-9 IMPACT STA. 515+12 38' OF 48" RCP

END STR-9 IMPACT STA. 515+91 30' TYPE U EW

257' OF 48" CMP (TO REMAIN)

STR-9

TYPE 38 STA. 20+00 (℄ PERKINS WB)

TYPE 38 STA. 19+98 (℄ PERKINS WB)

RP 2' NOSE 49' RT. 509+93.86 S.R. 4

CS 15+50.72
LIMIT OF CONST. STA. 15+00 RAMP D MATCH EXIST.

BEG. RAMP D TS 5+00.00 36' RT. STA 20+40.62 ℄ E.B. PERKINS

BEGIN CURB TAPER 26' RT 19+89.66 B PERKINS W.B.

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION: WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION: WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.

℄ RAMP D

℄ EB PERKINS RD.

℄ PERKINS RD.

℄ WB PERKINS RD.

RP 2' NOSE 32' RT. 22+21.14 ℄ E.B. PERKINS

SC 7+00.00

TYPE 38 STA. 22+12 ℄ PERKINS EB

END C&G 6+95 LT. & RT.

CONNECT TO EX. GUARDRAIL STA. 22+56 ℄ PERKINS EB

LIMIT OF CONST. STA. 7+25.00 RAMP D MATCH EXIST.

END CURB TAPER 26' RT 23+39.62 ℄ PERKINS E.B.

PT 33+39.56

END TAPER 33+57.35 RAMP C2 12' LT. & 24' RT.

END CURB TAPER 2' RT 21+64.66 ℄ PERKINS W.B.

RP 15' NOSE 4' RT. 23+42.07 ℄ PERKINS

STA. 36+70.66 RAMP C2 = STA 24+10.30 ℄ E.B. PERKINS

BEGIN CURB TAPER 26' LT. 23+51.63 ℄ PERKINS W.B.

STA. 36+91.66 RAMP C2 = STA 24+20.61 ℄ PERKINS

RP 15' NOSE 0' RT. 24+69.00 ℄ PERKINS

CONNECT TO EX. GUARDRAIL 27.63' LT. 7+54 RAMP F1

TYPE 38 STA. 6+91 RAMP F1

END C&G LT. & RT. STA 36+20

MM-CR-5

10' RT.

TYPE 38 STA. 31+89 RAMP C2

N 36° 15' 34" W

℄ RAMP C2

CONNECT TO EX. GUARDRAIL STA. 24+34 ℄ PERKINS WB

℄ RAMP F1

END RAMP F1 STA. 8+33.47

END C&G RT & LT. STA. 6+85.57

LIMIT OF CONST. STA. 7+50 RAMP F1 MATCH EXIST.

BEG. RAMP C2A STA. 33+50.00 = 24' RT. STA 33+57.34 RAMP C2

POT 33+50.00

PC 34+38.99

RP 3' NOSE 7' RT. 35+12.97 RAMP C2

℄ RAMP C2A

MM-CR-5

BEG. C&G LT. & RT. STA 36+34.24

RP 2' NOSE 28' RT. 25+38.83 ℄ E.B. PERKINS

54" CMP

RP 2' NOSE 34' RT. 24+71.63 ℄ W.B. PERKINS

CS 7+33.47

CS 6+50.00

CONNECT TO EX. BRI. ABUT. STA. 26+39 ℄ PERKINS WB

END RAMP C2A PT STA. 37+53.44 = 24' RT. STA 26+55.31 ℄ E.B. PERKINS

CONNECT TO EX. BRI. ABUT. STA. 36+37 RAMP C2

BEG.RAMP F1 TS 5+00.00 = 24' LT. ℄ W.B. PERKINS STA 26+40.37

ST 5+00.00

ST 8+83.47

LIMIT OF CONST. MATCH EXIST. BRIDGE

LIMIT OF CONST. MATCH EXIST. BRIDGE

EX. BRIDGE

EX. BRIDGE

N 53° 49' 27" E

N 53° 49' 27" E

TYP

SEE SHEET 13,14,23A,23B,23C,23D,23E,23F FOR PERKINS & RAMPS PROFILES

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION AND CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY NON-IMPACTED PORTION OF STR-9 AND THAT ANY NON-IMPACTED PORTION OF STR-9 AND SURROUNDING VEGETATION WILL NOT BE DISTURBED, EXCEPT AT PERMITTED LOCATIONS.

RAINES RD.

PERKINS RD.

S.R. 4

2047 DHV
PM
[AM]
DATE: 8-26-2025

PLAN IN HAND

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
14	20+10.00 (PERKINS EB.)	38' RT	12	333.74	329.25	0.32	2.06
15	19+90.00 (PERKINS WB.)	26' LT	12	335.43	328.30	0.29	1.87
17	22+30.00 (PERKINS WB.)	26' LT	12	340.36	336.25	0.29	1.87
18	22+30.00 (PERKINS EB.)	29.66' RT	12	339.20	334.75	0.25	1.61
21	24+70.00 (PERKINS EB.)	57' RT	38	338.00	330.55	0.29	1.64

ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
19	STA. 23+66 (88' RT) PERKINS EB.	U	90	333.36	18
20	STA. 24+00 (153' RT) PERKINS EB.	U	45	331.45	18
23	STA. 25+69 (145' RT) PERKINS EB.	PEW	90	295.33	54
24	STA. 19+89 (156' LT) PERKINS WB.	U	90	294.16	48
27	STA. 511+43 (85' RT)	U	90	296.82	24
28	STA. 517+44 (88' RT)	U	60	291.25	18
27B	STA. 510+35.66 (97.09' RT)	U	50	298.00	36

STORM DRAINAGE PIPE

FROM		TO		PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
CODE	ELEV.	CODE	ELEV.						
14	329.25	15	328.50	18	101	0.74	21.8	2.06	9.06
15	328.30	16	303.00	18	86	29.42	18.6	3.93	57.01
16	294.50	24	294.16	48	38	0.89	11.1	134	
17	336.25	18	334.95	18	95	1.37	20.5	3.49	12.29
18	334.75	19	333.36	18	146	0.95	31.5	6.4	10.25
20	331.45	21	330.55	18	119	0.76	25.7	7.52	9.14
21	329.00	22	297.00	18	93	34.41	20.1	10.48	61.65
27D	298.10	27B	298.00	36	13	0.77	3.9	89.2	
23	295.33	22	294.95	54	12	3.17	5.0	40.2	201.83

MANHOLES

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA. (FT.)	
16	19+88.74 (PERKINS WB.)	114.05' RT	3	313.00	294.28	6	
22	25+68.71 (PERKINS EB.)	127.43' RT	3	310.00	294.92	7	

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 508+00 TO STA. 520+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	6
PIH	2026	STP/NH-4(6)	6

REV. 1-15-21: ADDED LOA PATTERN TO TRs. 3 & 4.
REV. 11-29-21: REVISED OWNER FOR TR. 2.
REV. 10-31-22: REVISED OWNER FOR TR. 5.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

℄ LAMAR AVE
CURVE DC-1
PI 519+72.81
N 280,515.2657
E 795,652.1165
Δ 33° 57' 45" (RT)
D 2° 00' 00"
R 2,864.79
L 1,698.13
T 874.83
SE 0.051 FT/FT
V = 60mph

GPS = 79-04-28
N 281329.4610
E 795573.7222
EL. 316.60
STA. 527+34.64
OFFSET 70.40' RT.

RAINES INVESTMENT, LLC.

SEE SHEET 23A,23F FOR RAMPS PROFILES

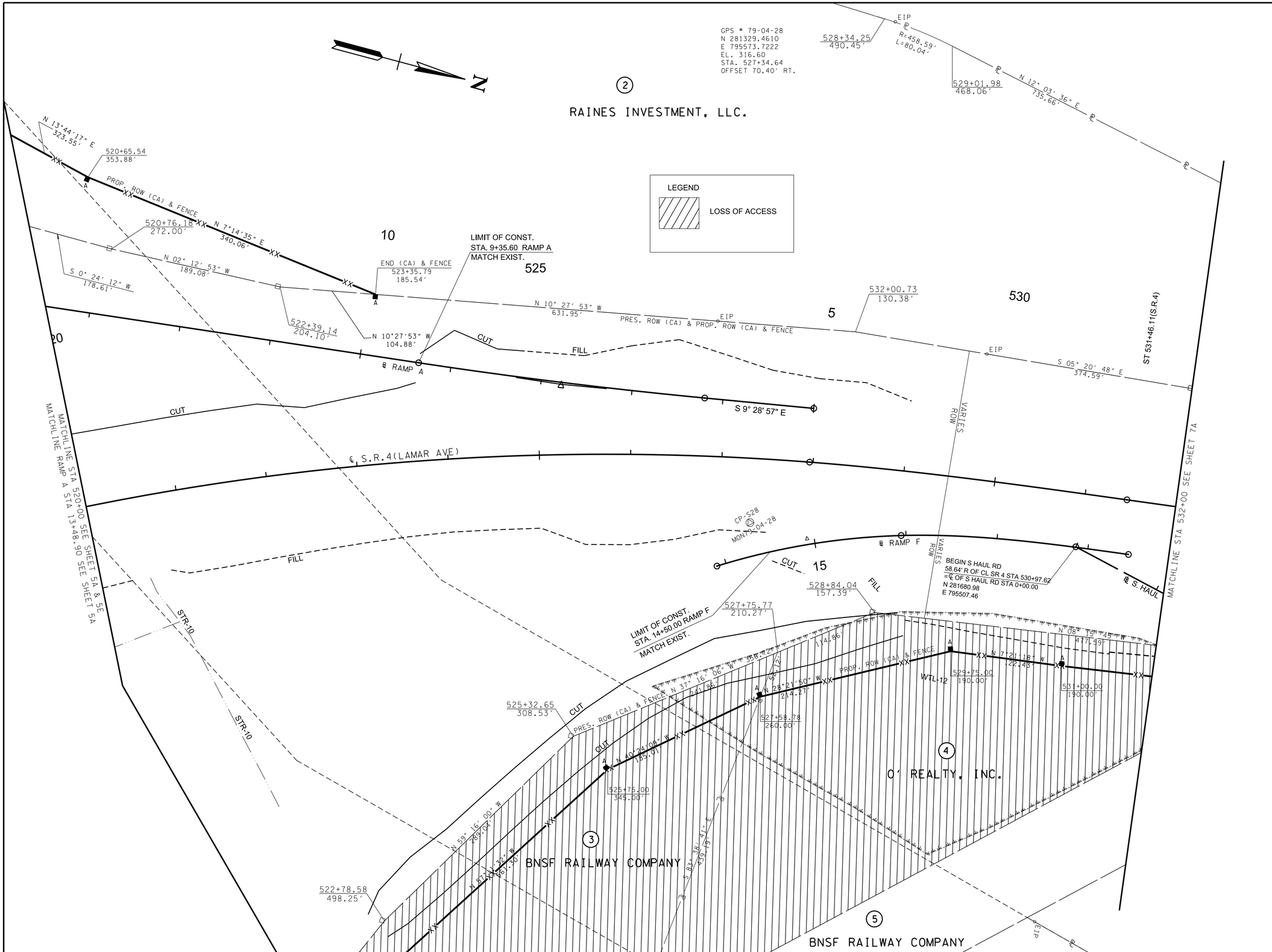
LEGEND — LOSS OF ACCESS

LEGEND	WETLAND IMPACTS (WTL-12)
	AREA OF PERMANENT IMPACT = 0.31 AC.
	VOLUME OF PERMANENT IMPACT = 500 C.Y.

PROP. ROW (CA) & FENCE
END PROP. (CA) & FENCE
PT 9+35.60
LIMIT OF CONST. STA. 9+35.60 RAMP A MATCH EXIST.
PC 6+19.95
PRES. ROW (CA) & PROP. ROW (CA) & FENCE
PRES. ROW (CA) & PROP. ROW (CA) & FENCE
ST 531+46.11(S.R.4)
WAREHOUSE 4292 15-CONC. W/SANDSTONE
TOP-299.94 INV-296.85
TOP-301.81 TO REMAIN
INV-295.92
℄ RAMP A
CUT
FILL
S 9° 28' 57" E
STR#10TOB
MATCHLINE STA 520+00 SEE SHEET 5 MATCHLINE RAMP A STA 13+48.90 SEE SHEET 5 & 5D
℄ S.R. 4
INLET TOP-312.53 FLout(NE)-310.61 TO BE REMOVED
TO REMAIN
TO REMAIN
TO REMAIN

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	6A
PIH	2026	STP/NH-4(6)	6A

REV. 1-15-21: UPDATED MATCH LINE SHT. NOs. ADDED LOA PATTERN TO TRs. 3 & 4.
REV. 11-29-21: REVISED OWNER FOR TR. 2.
REV. 10-31-22: REVISED OWNER FOR TR. 5.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 520+00 TO STA. 532+00
SCALE: 1"= 50'

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WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION:
WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION:
WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.

ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
32	STA. 529+00 (144' LT)	STR.	90	300.00	18
31A	STA. 529+17.52 (161.50' RT)	STR.	75	292.22	30

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION AND CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY NON-IMPACTED PORTION OF STR-10 & WTL-12 AND THAT ANY NON-IMPACTED PORTION OF STR-10 & WTL- 12 AND SURROUNDING VEGETATION WILL NOT BE DISTURBED, EXCEPT AT PERMITTED LOCATIONS.

CATCH BASINS

	CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
	29	STA. 525+89.60	0	45	314.88	310.61	0.70	4.73
*	30	STA. 529+00	71' LT	BE	324.37	320.87	0.91	5.83

*NOTE: REFER TO STD-1-13 FOR BRIDGE END DRAIN DETAILS.
FLOWS INTERCEPTED BY A BRIDGE END DRAIN USING HDPE OR PVC SHALL BE PAID UNDER ITEM NO. 610-07.03

STORM DRAINAGE PIPE

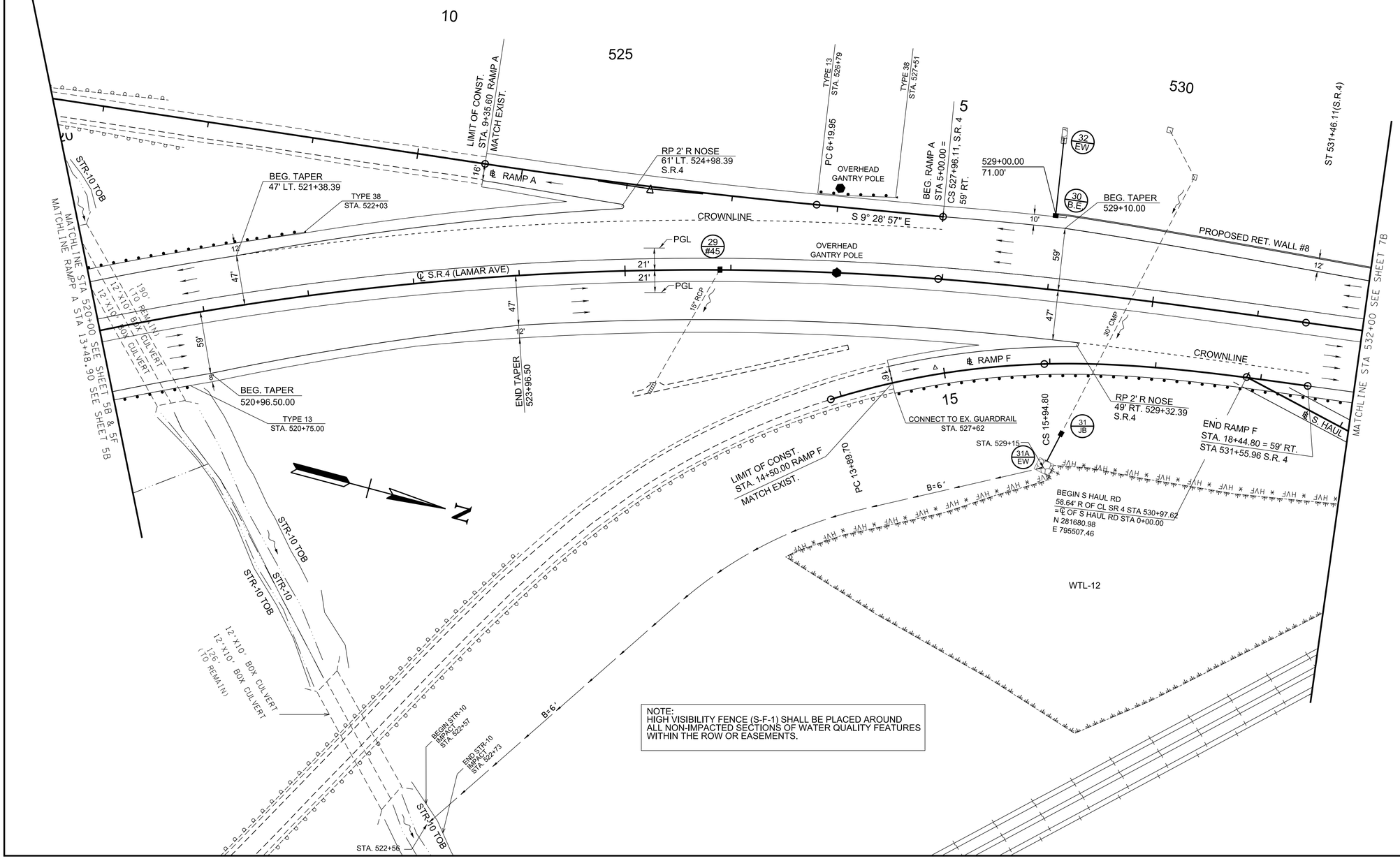
FROM		TO		PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
CODE	ELEV.	CODE	ELEV.						
30	320.87	32	300.00	18	73	28.59	15.8	5.8	
31	292.55	31A	292.22	30	28	1.18	7.9	28.4	

JUNCTION BOX

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA.	
31	STA. 529+28.30	134.28' RT	2	297.00	292.35	4' X 4'	

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	6B
PIH	2026	STP/NH-4(6)	6B

REV. 1-15-21: UPDATED MATCH LINE SHT. NOs.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



NOTE:
HIGH VISIBILITY FENCE (S-F-1) SHALL BE PLACED AROUND ALL NON-IMPACTED SECTIONS OF WATER QUALITY FEATURES WITHIN THE ROW OR EASEMENTS.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 520+00 TO STA. 532+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	6C
PIH	2026	STP/NH-4(6)	6C

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

BOX \ SLAB BRIDGE or CULVERT
STATION: 520+26.82
STRUCTURE: EXIST. 2 @ 12' X 10' B.C.

SKEW	**75**	**DEG.**
DRAINAGE AREA	**1990.4**	**AC.**
DESIGN DISCHARGE (Q2)	**1730.00**	**CFS**
DESIGN DISCHARGE (Q100)	**5280.00**	**CFS**
OVERTOPPING ELEV.	**299.40**	
ALLOWABLE HEADWATER ELEV.		
Q2 HEADWATER ELEV.	**298.24**	
Q100 HEADWATER ELEV.	**309.85**	
VELOCITY (Q2)	**7.21**	**FT/S**
VELOCITY (Q100)		**FT/S**
INLET ELEVATION	**284.73**	
OUTLET ELEVATION	**284.66**	

STANDARD DRAWING NOS.:
STD-17-78
QUANTITIES:

OH WIRE
STA. 521+72.35
LOW WIRE EL.341.91'
TEMP. 77 DEG.
8 POWER

OH WIRE
STA. 520+54.90
LOW WIRE EL.334.26'
TEMP. 77 DEG.
8 POWER

OH WIRE
STA. 522+72.11
LOW WIRE EL.325.02'
TEMP. 77 DEG.
4 POWER

GPS # 79-04-28
N 281329.4610
E 795573.7222
EL. 316.60
STA. 527+34.64
OFFSET 70.40' RT.

T/W 529+00
ELEV. 324.36

PROP. TOP OF WALL 8

30
B.E.

2.622%

FG

EXIST. GROUND

P (UG)

29
#52

VPT 521+50.00
EL. 304.39

+0.051 F/F LT.
-0.051 F/F RT.

LT. EOP

+0.020 F/F LT.
-0.020 F/F RT.

-0.020 F/F LT.
-0.020 F/F RT.

℄ P.G.L.

LT. EOP
RT. EOP

RT. EOP

SP DITCH (RT)
B=6'

END FULL S.E.
STA. 527+96.11

STA. 529+14.94
EL. 292.20

END S.E. TRANSITION (RT.)
STA. 529+48.92

END S.E. TRANSITION (LT.)
STA. 531+46.11

S.E. DIAGRAM

EXIST. 2 @ 12' X 10' BOX CULV.
SKEW 90°

STA. 522+55.72
EL. 289.00

24"SA

520+00 521+00 522+00 523+00 524+00 525+00 526+00 527+00 528+00 529+00 530+00 531+00 532+00

360 355 350 345 340 335 330 325 320 315 310 305 300 295 290 285 280 275 270 265

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 520+00 TO STA. 532+00

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

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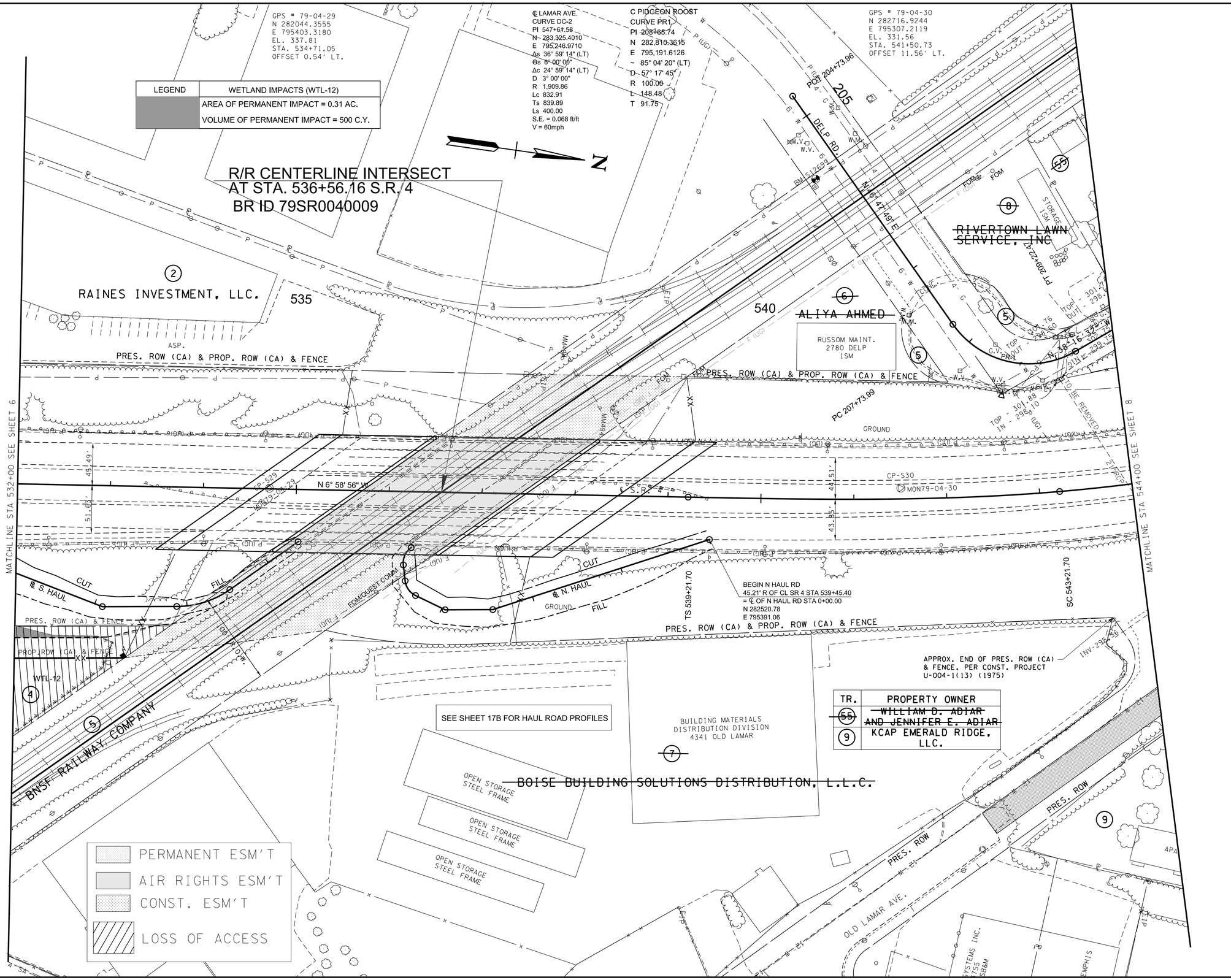

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	7
PIH	2026	STP/NH-4(6)	7

REV. 1-15-21: SURVEY UPDATE. ADDED PROP. DRIVEWAY AT OLD LAMAR AVE. ADDED LOA PATTERN TO TR. 4

REV. 11-29-21: REVISED RET. WALL #10 REVISED OWNER FOR TR. 2. ADDED TR. 55. REMOVED LINE THRU FOR TR. 6 & 8. ADDED R.R. ROW ALONG DELP RD.

REV. 6-20-22: REVISED AIR RIGHTS ESM'T, PERM. ESM'T & CONST. ESM'T ON TR. 5. REVISED OWNER FOR TR. 6.

REV. 10-31-22: LINE THROUGH TR. 6, 8 & 55. LABELED OWNER FOR TR. 9. REVISED OWNER FOR TR. 5.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 532+00 TO STA. 544+00
SCALE: 1"= 50'

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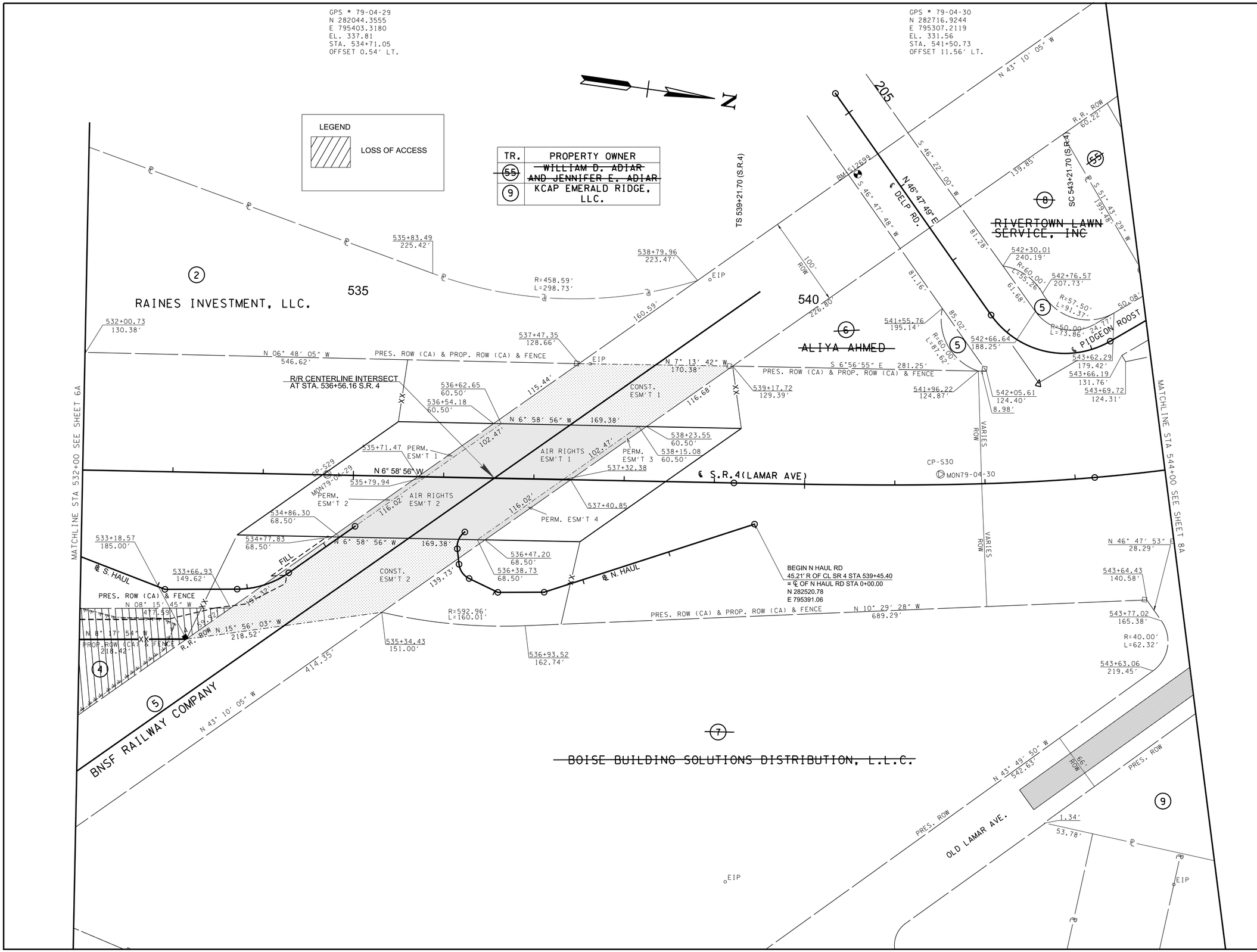
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	7A
PIH	2026	STP/NH-4(6)	7A

REV. 10-22-20: REVISED BEARING ON TR. 7.
REV. 1-15-21: ADDED PROP. DRIVEWAY ON OLD LAMAR AVE. ADDED LOA PATTERN TO TR. 4
REV. 3-26-21: REVISED PATTERNS FOR TR. 5.
REV. 11-29-21: REVISED OWNER FOR TR. 2. ADDED TR. 55. REMOVED LINE THRU FOR TR. 6 & 8. ADDED R.R. ROW ALONG DELP RD.
REV. 6-20-22: REVISED AIR RIGHTS ESM'T, PERM. ESM'T & CONST. ESM'T ON TR. 5. REVISED OWNER FOR TR. 6.
REV. 10-31-22: LINE THROUGH TR. 6, 8 & 55. LABELED OWNER FOR TR. 9. REVISED OWNER FOR TR. 5.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 523+00 TO STA. 544+00
SCALE: 1"= 50'

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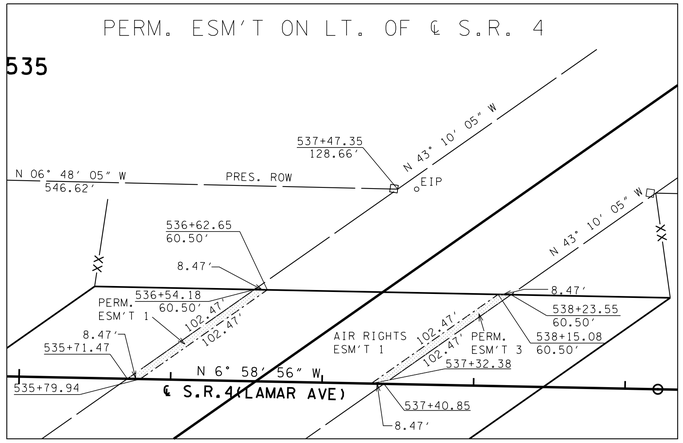
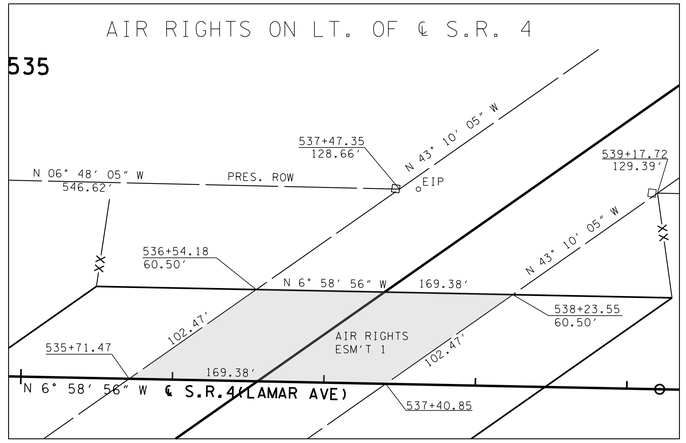
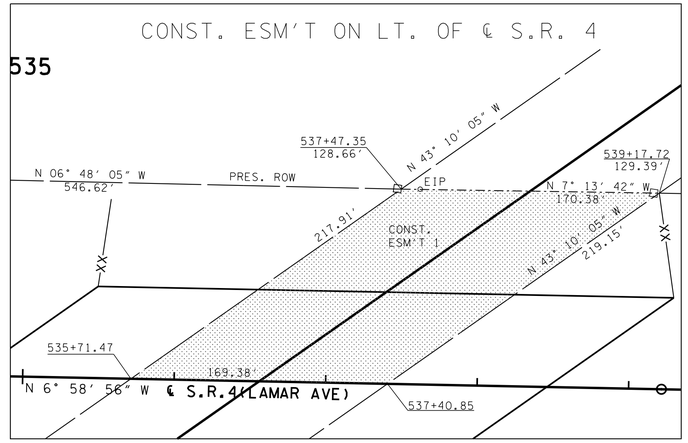
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	7A1
PIH	2026	STP/NH-4(6)	7A1

REV. 3-26-21: REVISED PATTERNS FOR TR. 5.
REV. 6-20-22: REVISED AIR RIGHTS ESM'T, PERM. ESM'T & CONST. ESM'T ON TR. 5.
REV. 10-31-22: REVISED OWNER FOR TR. 5.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

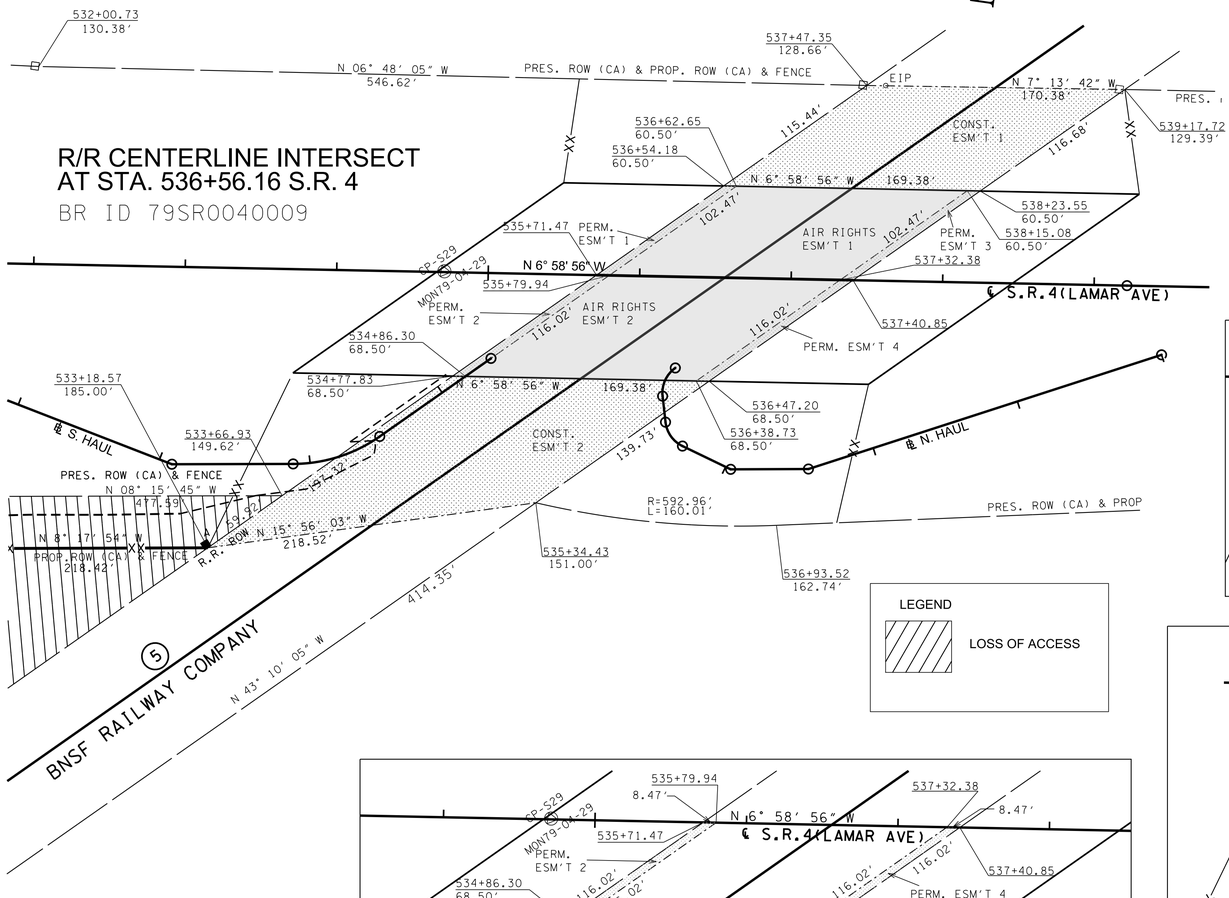






535

N



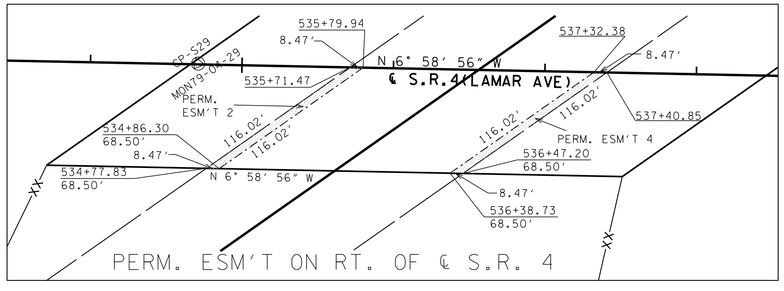
R/R CENTERLINE INTERSECT
AT STA. 536+56.16 S.R. 4
BR ID 79SR0040009

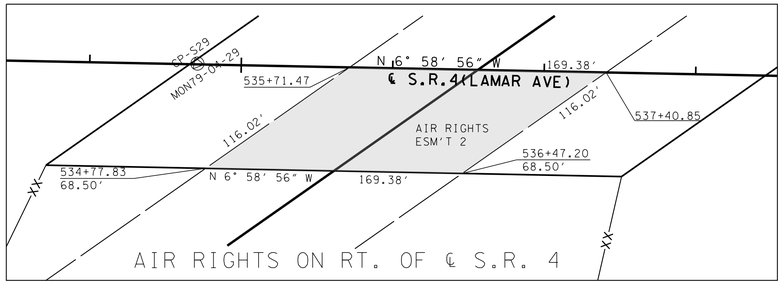
LEGEND
LOSS OF ACCESS

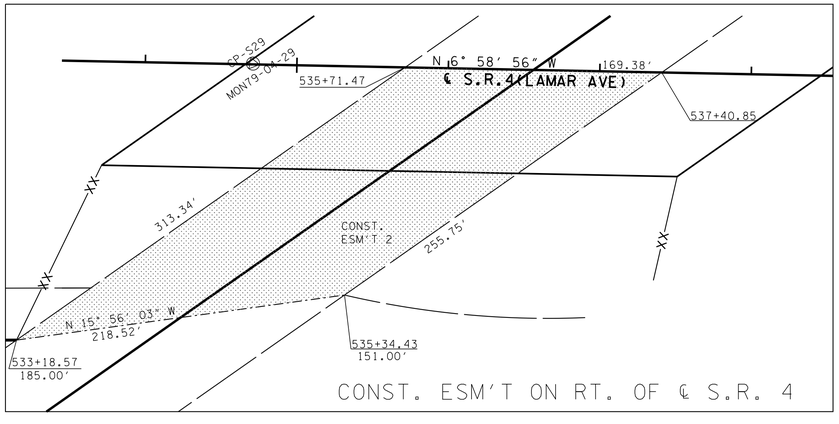
PERMANENT ESM'T 1 = 512 SF
PERMANENT ESM'T 2 = 580 SF
PERMANENT ESM'T 3 = 512 SF
PERMANENT ESM'T 4 = 580 SF
TOTAL = 2184 SF

AIR RIGHTS ESM'T 1 = 10247 SF
AIR RIGHTS ESM'T 2 = 11602 SF
TOTAL = 21849 SF (0.502 AC)

CONST. ESM'T 1 = 21853 SF
CONST. ESM'T 2 = 28455 SF
TOTAL = 50308 SF (1.155 AC)







PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

RAILROAD EAS'T. DETAILS
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	7B
PIH	2026	STP/NH-4(6)	7B

REV. 1-15-21: ADDED PROP. DRIVEWAY AT OLD LAMAR AVE.

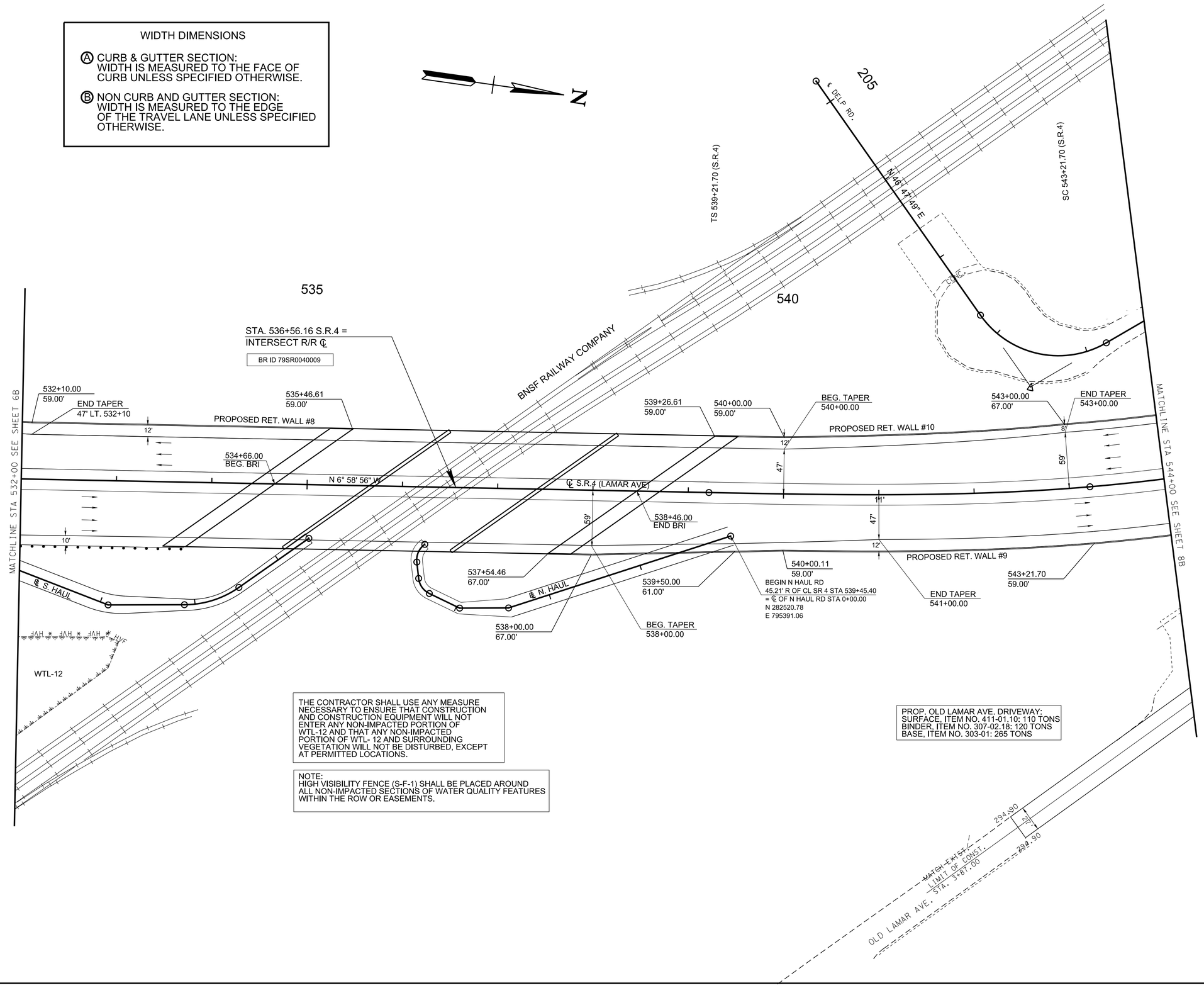
REV. 11-29-21: REVISED PROP. RET. WALL #10. ADDED AUX. LANE FROM STA. 540+00LT TO STA. 544+00LT.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION: WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION: WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.



THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION AND CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY NON-IMPACTED PORTION OF WTL-12 AND THAT ANY NON-IMPACTED PORTION OF WTL- 12 AND SURROUNDING VEGETATION WILL NOT BE DISTURBED, EXCEPT AT PERMITTED LOCATIONS.

NOTE:
HIGH VISIBILITY FENCE (S-F-1) SHALL BE PLACED AROUND ALL NON-IMPACTED SECTIONS OF WATER QUALITY FEATURES WITHIN THE ROW OR EASEMENTS.

PROP. OLD LAMAR AVE. DRIVEWAY:
SURFACE, ITEM NO. 411-01.10: 110 TONS
BINDER, ITEM NO. 307-02.18: 120 TONS
BASE, ITEM NO. 303-01: 265 TONS

PLAN IN HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 532+00 TO STA. 544+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	7C
PIH	2026	STP/NH-4(6)	7C

REV. 1-15-21: ADDED FIBER OPTIC CROSSING.
REV. 11-29-21: REVISED RET. WALL#10.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

GPS # 79-04-29
N 282044.3555
E 795403.3180
EL. 337.81
STA. 534+71.05
OFFSET 9.54' LT.

GPS # 79-04-30
N 282716.9244
E 795307.2119
EL. 331.56
STA. 541+50.73
OFFSET 11.56' LT.

BM #3
STA. 540+56.18
OFFSET 344.25'LT.
ELEV. 311.42
CPS IN POWER POLE ON DELP
WEST OF RAILROAD TRACKS

VPC 532+50.00
EL. 333.22

BEGIN BRI STA 534+66.00
EL. 337.41

T/W 535+46.61
ELEV: 337.21

VPI 536+00.00
EL. 342.40

℄ STA. 536+16.5 R.R. ≠ ℄ RAILROAD

T/W 537+54.46
ELEV: 337.25

BEGIN BRI STA 538+46.00
EL. 337.60

T/W 539+26.61
ELEV: 335.46

VPT 539+50.00
EL. 336.05

2.622%

-1.814%

-1.814%

GFS#79-04-29

PROP. TOP OF WALL 9

PROP. TOP OF WALL 10

EXIST. GROUND

FG

BR ID 79SR0040009

P (UG)

FIBER (UG)

CREST 536+63.76
EL. 338.65

VC = 700'
K = 157

STA 539+04.06(LT)

-0.020 F/F LT.

-0.020 F/F RT.

-0.020 F/F LT.

+0.020 F/F RT.

-0.068 F/F LT.

+0.068 F/F RT.

RT. EOP

℄ P.G.L.

RT. EOP

LT. EOP

BM 3

℄ P.G.L.

LT. EOP

BEGIN S.E. TRANSITION (RT.)
STA. 539+21.70

BEGIN S.E. TRANSITION (LT.)
STA. 541+03.51

BEGIN FULL S.E.
STA. 543+21.70

EXIST. 20" RCP
SKEW 64°17'15"

S.E. DIAGRAM

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 532+00 TO STA. 544+00

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

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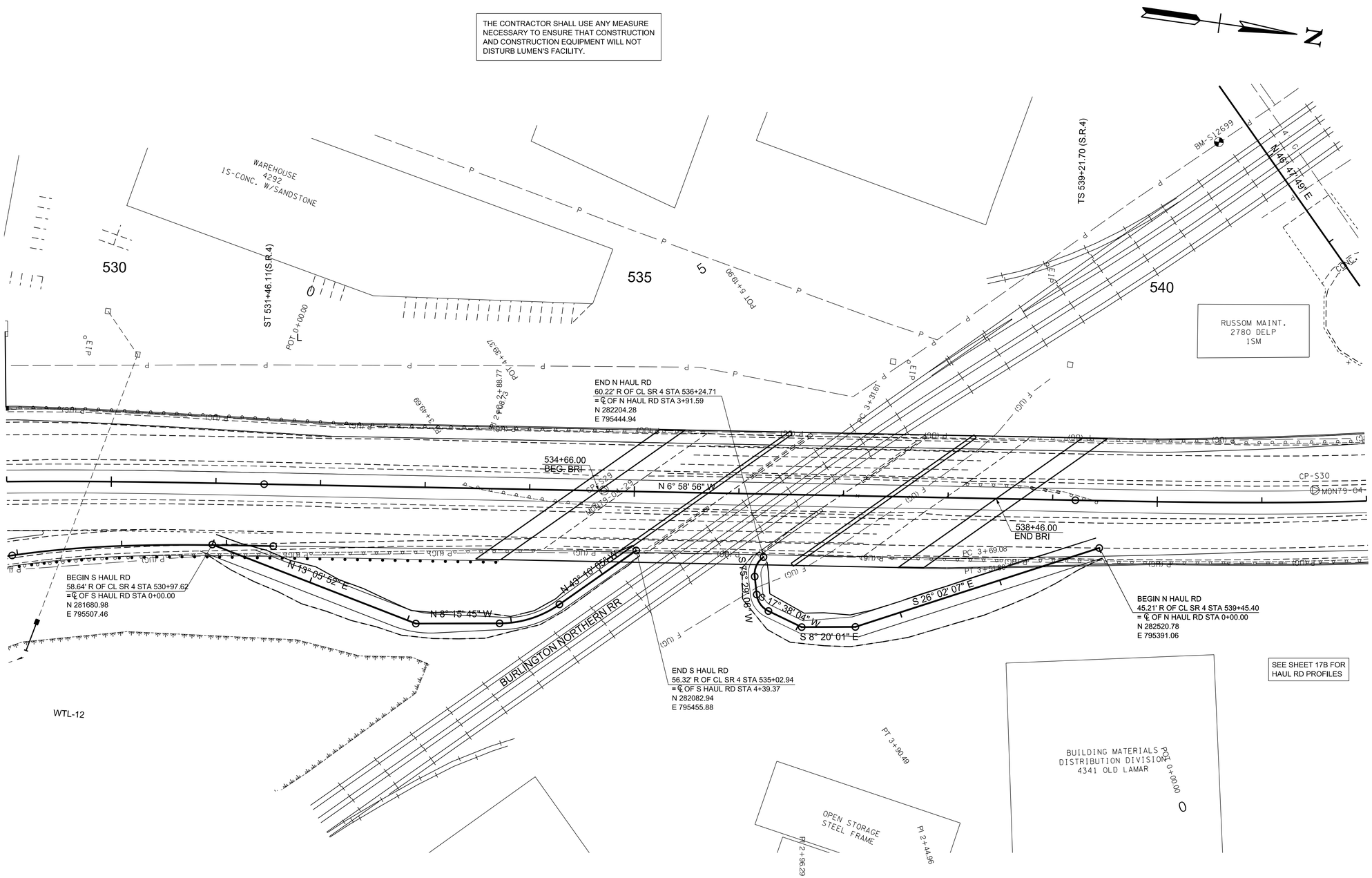
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	7D
PIH	2026	STP/NH-4(6)	7D

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION AND CONSTRUCTION EQUIPMENT WILL NOT DISTURB LUMEN'S FACILITY.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BNSF
HAUL ROAD
LAYOUT

SCALE: 1"= 50'

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TR.	PROPERTY OWNER
55	~~WILLIAM D. ADIAR AND JENNIFER E. ADIAR~~
56	~~J BENEDICT BEER, SR. OR NYOKA BEER, TRUSTEES OF THE BEER REVOCABLE LIVING TRUST~~
57	~~NEWT'S SHOP, LLC.~~
58	~~TWO BY TWO PROPERTIES, LLC,~~
61	~~KORTNIE DOCKERY AND DARRLYON DOCKERY~~

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	8
PIH	2026	STP/NH-4(6)	8

REV: 1-15-21: SURVEY UPDATE. ADDED PROP. DRIVEWAY AT OLD LAMAR AVE.
REV: 11-29-21: REVISED RET. WALL #10. ADDED PROP. NOISE BARRIER. REVISED PROP. ROW, SLOPE LINES & PROP. DITCHES IN TR. 10. ADDED T.C.E. IN TR. #10. REMOVED RET. WALL #11. ADDED TRs 55,56,57,58,59,60,61, AND 62.
REV. 3-10-22: ADDED NOTE TO SHOW 20' GATE FOR EMS ACCESS IN TR. 9.
REV. 5-10-22: CORRECTED THE REVISION NOTE FOR REV. 3-10-22.
REV. 6-20-22: REVISED OWNER FOR TR. 59.
REV. 8-19-22: REVISED OWNER FOR TR. 57.
REV. 10-31-22: CORRECTED ROW LINE STYLE TO PROP. ROW (CA) & FENCE LINE STYLE IN TR. 10. REVISED OWNERSHIP IN TR. 9. LINE THROUGH 56, 57, 58, 59, 60, 61 & 62. REVISED OWNER FOR TR. 5.
REV. 6-26-23: SURVEY UPDATE WEST SIDE OF APARTMENT BUILDING WITH IMPROVED ASPH. PARKING LOT FROM STA. 545+00 RT. TO STA. 547+00 RT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

BNSF RAILWAY COMPANY
EBB CONTRACTORS WAREHOUSE 1SB
QUATRELL KING
TWO BY TWO PROPERTIES, LLC.
NEWT'S SHOP, LLC.
ROGER D. PAYNE
KORTNIE DOCKERY AND DARRLYON DOCKERY
H.W. JENKINS COMPANY
4217 PIDGEON ROOST 1SM
4239 PIDGEON ROOST 1SM
4273 DELB 1SW
JAYCON DEVELOPMENT 4269 PIDGEON ROOST 1SM
STORAGE 1SB
A&M PAVING 4259 PIDGEON ROOST 1STORY - STUCCO
CITY WIDE TOWING 4257 PIDGEON ROOST 1STORY - WOOD
VACANT 1S
VANGUARD MFG COMPANY INC 4221 PIDGEON ROOST 1SM
JEJ PROPERTIES, L.P.
KCAP EMERALD RIDGE, LLC.
WINSTONE PARK APTS. MAIN OFFICE 4380 1SB
DAYCARE LEARNING 4300 1SB
APARTMENTS
GPS # 79-04-31
N 288628.1591
E 794999.0596
EL. 317.01
STA. 551+10.52 RT
OFFSET 51.25' RT
℄ PIDGEON ROOST
℄ S.R. 4
℄ LAMAR AVE.
CURVE DC-2
PI 547+61.58
N 283,325.4010
E 795,246.9710
Δ 36° 59' 14" (LT)
Ds 6° 00' 00"
Δc 24° 59' 14" (LT)
D 3° 00' 00"
R 1,909.86
Lc 832.91
Ts 839.89
Ls 400.00
S.E. 0.068 ft/ft
V = 60mph
CS 551+54.61 (S.R.4)
SEE SHEET 13,14,23C,23D,23E,23F FOR PERKINS & RAMPS PROFILES
NOTE: THIS T.C.E. IS TO BE USED FOR THE DEMOLITION OF STRUCTURES ONLY.
PRES.(CA) & PROP.ROW (CA) & FENCE
PROP. ROW (CA) & FENCE
PROPOSED ROW (CA) & FENCE
PRES. ROW
REMOVE PIPE & EW
REMOVE INLET
BEGIN PROP. (CA) & FENCE
END EX. (CA) & FENCE 553+53.37 61.98'
END EX. (CA) & FENCE 553+56.70 98.16'
APPROX. END OF PRES. ROW (CA) & FENCE, PER CONST. PROJECT U-004-1(13) (1975)
INLET TOP-319.34 FLout(NE)-317.36 TO BE REMOVED
INLET TOP-316.52 FULL
INLET TOP-310.04 INV.-304.70 TO BE REMOVED
21"RCP FL-296.30 TO BE REMOVED
15"RCP FL-305.73 E.W. TO BE REMOVED
12" CMP FL-304.03 TO BE REMOVED
18"RCP TO REMAIN
SMH TOP-303.23 FLin(SE)-291.70 FLout(NW)-291.68
SMH TOP-307.03 FLin(SE)-290.71 FLout(NW)-290.62
SMH TOP-302.89 FLin(SE)-289.33 FLout(NW)-289.30
INV-298.92
INV-300.52
INV-304.20
INV-304.45
INV-298.38 TO BE REMOVED
INV-298.88
CHAIN LINK FENCE
WOODED FENCE
18" CMP PIPE
12" PVC PIPE (BURIED)
BOLLARD
GATE
ASPH.
GRASS
FILL
CUT
20' WIDE GATE, FOR EMERGENCY VEHICLE ACCESS ONLY
MATCHLINE STA 544+00 SEE SHEET 7
MATCHLINE STA 555+00 SEE SHEET 9

N 38° 16' 32" W

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 544+00 TO STA. 555+00
SCALE: 1"= 50'

PLAN IN HAND

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TR.	PROPERTY OWNER
55	~~WILLIAM D. ADIAR AND JENNIFER E. ADIAR~~
56	~~J BENEDICT BEER, SR. OR NYOKA BEER, TRUSTEES OF THE BEER REVOCABLE LIVING TRUST~~
57	~~NEWT'S SHOP, LLC.~~
58	~~TWO BY TWO PROPERTIES, LLC.~~
61	~~KORTNIE DOCKERY AND DARRLYON DOCKERY~~

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	8A
PIH	2026	STP/NH-4(6)	8A

REV. 10-22-20: REVISED BEARING ON TR. 10
REV. 1-15-21: ADDED PROP. DRIVEWAY AT OLD LAMAR AVE.
REV. 11-29-21: REVISED PROP. ROW, SLOPES ON TR. 10. ADDED T.C.E. IN TR. 10. ADDED TRs 55,56,57,58,59,60,61, AND 62.
REV. 3-10-22: ADDED NOTE TO SHOW 20' GATE FOR EMS ACCESS IN TR. 9.
REV. 5-10-22: CORRECTED THE REVISION NOTE FOR REV. 3-10-22.
REV. 6-20-22: REVISED OWNER FOR TR. 59.
REV. 8-19-22: REVISED OWNER FOR TR. 57.
REV. 10-31-22: CORRECTED ROW LINE STYLE TO PROP. ROW (CA) & FENCE LINE STYLE IN TR. 10. REVISED OWNERSHIP IN TR. 9. LINE THROUGH 56, 57, 58, 59, 60, 61 & 62. REVISED OWNER FOR TR. 5.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

5 BNSF RAILWAY COMPANY

N 43° 10' 05" W

60.22' 60.22' 60.22' 60.22' 60.22' 60.22' 60.22' 60.22' 60.22' 60.22' 60.22' 48.05'

56 57 57 58 58 59 59 59 60 61 61 62 62 62

S 51° 43' 28" W 204.61'
S 51° 43' 29" W 209.75'
S 51° 43' 28" W 214.88'
S 51° 43' 28" W 220.02'
S 51° 43' 28" W 225.16'
S 51° 43' 28" W 230.29'
S 51° 43' 28" W 235.43'
S 51° 43' 28" W 240.56'
S 51° 43' 27" W 245.70'
S 51° 43' 29" W 250.84'
S 51° 43' 29" W 255.97'
S 51° 43' 29" W 261.11'
S 51° 43' 28" W 266.24'
S 51° 43' 29" W 253.17'
S 51° 43' 28" W 199.42'

60.00' 60.00' 60.00' 60.00' 60.00' 60.00' 60.00' 60.00' 60.00' 60.00' 60.00' 59.99' 222.57'

NEWT'S SHOP, LLC. | TWO BY TWO PROPERTIES, LLC. | QUATRELL KING | QUATRELL KING | ROGER D. PAYNE | KORTNIE DOCKERY AND DARRLYON DOCKERY | H.W. JENKINS COMPANY | H.W. JENKINS COMPANY | H.W. JENKINS COMPANY

55 210

℄ PIDGEON ROOST

N 38° 16' 32" W
N 38° 16' 32" W 1334.66'

PRES. ROW (CA) & PROP. ROW (CA) & FENCE

545

550

10 JEJ PROPERTIES, L.P.

548+48.35
110.00'

550+00.00
125.00'

551+50.00
115.00'

554+85.00
125.00'

END CA & FENCE
554+60.00
269.55'

NOTE:
THIS T.C.E. IS TO BE USED FOR THE DEMOLITION OF STRUCTURES ONLY.

BS 35° 00' 50" W 146.60'
PROP. ROW

S 19° 47' 14" E 448.32'
FILL
BM-S12697
N 37° 04' 12" W 143.07'
S 19° 47' 14" E 149.55'
N 31° 30' 52" W 140.89'
CUT
PROP. ROW (CA) & FENCE
N 43° 18' 41" W 322.66'

S 39° 27' 07" E 190.50'
550+02.74
80.65'
552+01.86
90.82'
N 29° 56' 46" W 150.02'
PRES. ROW
S 43° 30' 03" E 199.78'
END EX. (CA) & FENCE
553+53.37
61.98'

MATCHLINE STA 544+00 SEE SHEET 7A

℄ S.R.4(LAMAR AVE)

MATCHLINE STA 555+00 SEE SHEET 9A

END EX. (CA) & FENCE
553+56.70
98.16'

CP-S31
MON79-04-31

546+35.74
149.21'
FILL
PRES. ROW (CA) & FENCE
N 33° 21' 32" W 500.94'
551+04.38
114.66'
FILL
S 43° 24' 04" E 453.58'
PRES. ROW
PROP. ROW (CA) & FENCE
N 44°57'43" W 428.49'
551+30.00
130.00'

N 43°55'55" W 28.92'
OLD LAMAR AVE.
N 43° 55' 55" W 496.04'
PRES. ROW
546+10.91
160.00'
N22°59'43"W 96.54'
547+00.00
160.00'
N35°17'59"W 109.38'
548+00.00
142.00'
N 30°51'52" W 214.68'
550+00.00
140.00'
N39°23'21"W 139.52'

20' WIDE GATE, FOR EMERGENCY VEHICLE ACCESS ONLY

9 KCAP EMERALD RIDGE, LLC.

CS 551+54.61 (S.R.4)

GPS = 79-04-31
N 283628.1391
E 794999.0596
EL. 317.01
STA. 551+10.52
OFFSET 51.25' RT.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 544+00 TO STA. 555+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	8B
PIH	2026	STP/NH-4(6)	8B

REV. 1-15-21: REVISED SPECIAL DITCH STA. 554+85. ADDED PROP. DRIVEWAY AT OLD LAMAR AVE.

REV. 11-29-21: REVISED RET. WALL #10. ADDED AUX. LANE FROM STA. 544+00LT TO STA. 555+00LT & REVISED DRAINAGE. REMOVED RET. WALL #11.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

215

210

550

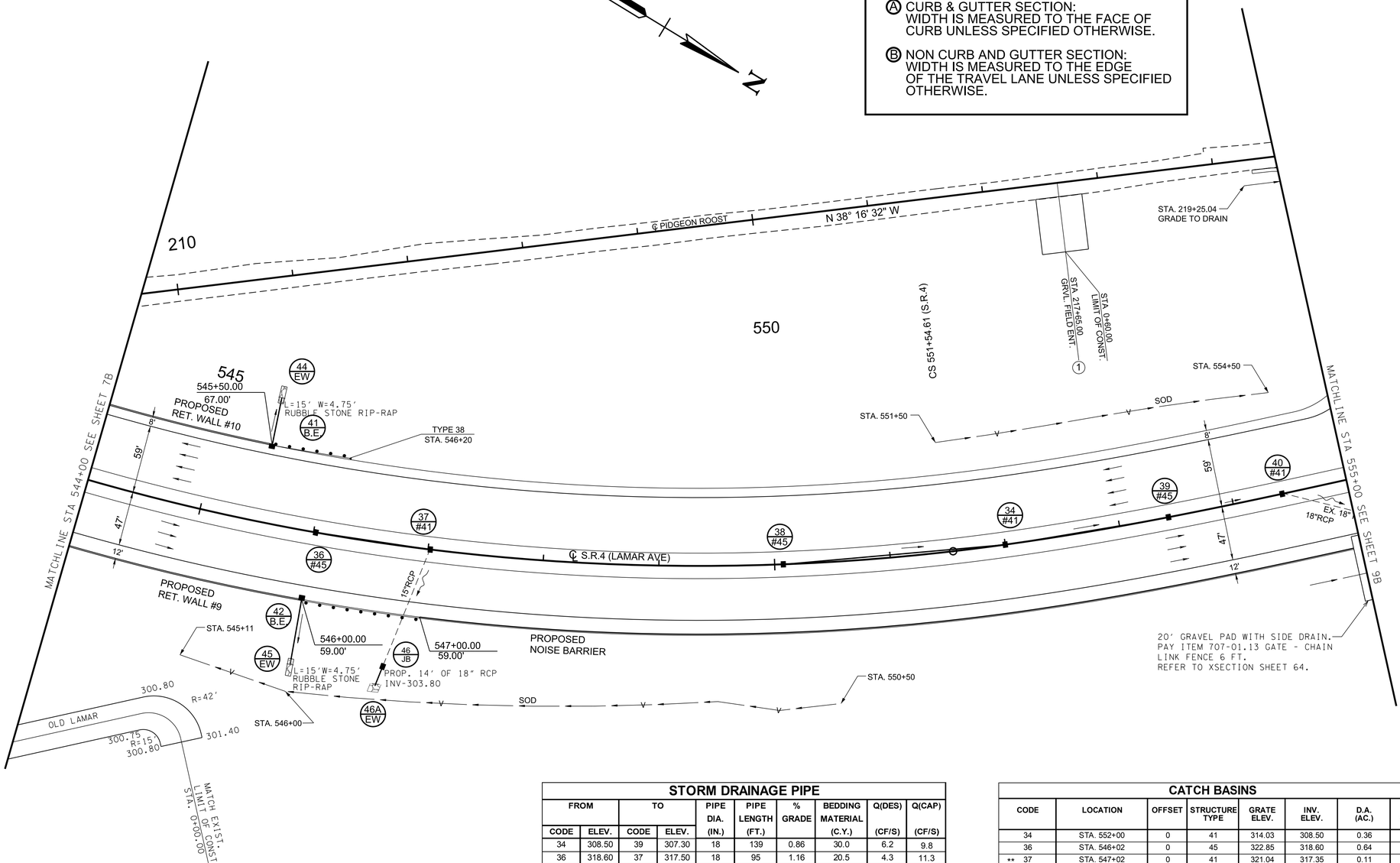
545

N

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION: WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION: WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.



PLAN IN HAND

STORM DRAINAGE PIPE

FROM		TO		PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
CODE	ELEV.	CODE	ELEV.						
34	308.50	39	307.30	18	139	0.86	30.0	6.2	9.8
36	318.60	37	317.50	18	95	1.16	20.5	4.3	11.3
38	309.80	34	308.80	18	188	0.53	40.6	2.3	7.7
39	307.00	40	305.20	18	95	1.89	20.5	9.0	14.5
41	318.60	44	305.94	18	43	29.44	9.3	7.8	57.0
42	307.00	45	302.83	18	57	7.32	12.3	4.6	28.4
46	303.94	46A	303.80	18	14	1.00	3.0	5.1	10.5

NOTE: EXISTING INLETS @ STA. 550+00 & 554+43 ARE SILTED IN. FIELD VERIFY EXISTING INLET FLOWLINES.

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
34	STA. 552+00	0	41	314.03	308.50	0.36	2.40
36	STA. 546+02	0	45	322.85	318.60	0.64	4.33
** 37	STA. 547+02	0	41	321.04	317.35	0.11	0.74
38	STA. 550+07.50	0	45	316.38	309.80	0.34	2.30
39	STA. 553+43	0	45	311.99	307.00	0.36	2.43
40	STA. 554+43.20	0	41	310.16	305.00	0.10	0.68
* 41	STA. 545+50.00	67' LT	BE	322.04	318.54	1.20	7.75
* 42	STA. 546+00.00	59' RT	BE	326.06	322.56	0.72	4.62

*NOTE: REFER TO STD-1-13 FOR BRIDGE END DRAIN DETAILS. FLOWS INTERCEPTED BY A BRIDGE END DRAIN USING HDPE OR PVC SHALL BE PAID UNDER ITEM NO. 610-07.03

**NOTE: PROPOSED 37 DEPTH TIED TO EXIST. 15" RCP.

ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
44	STA. 545+50.00 (102' LT)	STR.	90	305.94	18
45	STA. 546+00.00 (116' RT)	STR.	90	302.83	18
46A	STA. 546+70.76 (122.90' RT)	STR.	90	303.80	18

JUNCTION BOX

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA.	
46	STA. 546+74.91	105.44' RT	2	309.50	303.94	32" X 32"	

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 544+00 TO STA. 555+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	8C
PIH	2026	STP/NH-4(6)	8C

REV. 11-29-21: REVISED RET. WALL#10.
REVISED DRAINAGE FROM STA. 546+00
TO STA. 555+00.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN
CHANGES ON PROJECT.

BM #4
STA.548+03.55
OFFSET
ELEV. 311.92
IRON PIN W/CAP WEST SIDE OF LAMAR
42' OFF EDGE OF ROAD

GPS # 79-04-3
N 283628.1391
E 734999.0596
EL. 317.01
STA. 551+10.52
OFFSET 51.25' RT.

VC = 350'
K = 622

VC = 400'
K = 286

VPC 546+75.00
EL. 322.90

VPT 550+25.00
EL. 317.54

VPC 551+00.00
EL. 316.60

VPI 553+00.00
EL. 314.10

VPT 555+00.00

T/W 545+50
ELEV. 322.04

T/W 543+00
ELEV. 326.05

-1.814%

-1.251%

-1.251%

-2.646%

EXIST. GROUND

FG

GPS#79-04-31

P (UG)

12" W

WL

BM 4

VPI 548+50.00
EL. 319.73

SP DITCH (LT)
V-SOD

SP DITCH (RT)
V-SOD

STA. 545+10.77
EL. 300.00

STA. 546+00
EL. 301.00

STA. 550+50
EL. 302.50

STA. 551+50
EL. 308.13

STA. 554+50
EL. 305.51

-0.068 F/F LT.
+0.068 F/F RT.

-0.020 F/F LT.
+0.020 F/F RT.

RT. EOP

LT. EOP

℄ P.G.L.

END FULL S.E.
STA. 551+54.60

END S.E. TRANSITION (LT.)
STA. 553+72.73

S.E. DIAGRAM

PIPE CULVERT
STATION: 547+01.66
STRUCTURE: PROP. 14' OF 18" RCP

SKEW		**DEG.**
DRAINAGE AREA	**0.75**	**AC.**
DESIGN DISCHARGE (Q50)	**5.99**	**CFS**
DESIGN DISCHARGE (Q100)	**6.27**	**CFS**
QCAP	**10.5**	**CFS**
VELOCITY (Q50)	**6.14**	**FT/S**
VELOCITY (Q100)	**6.21**	**FT/S**

ENDWALLS REQUIRED:
1 STR. E.W.
STANDARD DRAWING NOS.:
D-PE-4
QUANTITIES:
14' of 18" RCP
1 JB
1 STR. E.W.

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE
DATUM ADJUSTED BY THE FACTOR
OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 544+00 TO STA. 555+00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	9
PIH	2026	STP/NH-4(6)	9

REV. 1-15-21: SHOWED EXISTING DRIVES ALONG PIDGEON ROOST RD. FOR TR. 10, TR. 12 & TR.15. ADDED PROP. DRIVE FOR TR. 24. SURVEY UPDATE.
REV. 3-26-21: REVISED RET. WALL #11. REVISED PROPOSED ROW & ADDED SLOPE LINE FOR TR. 10. REVISED OWNER FOR TR. 19.
REV. 11-29-21: REVISED OWNER FOR TR. 14. REMOVED RET. WALL#11. ADDED N. ACCESS DR. & S. ACCESS DR. REVISED PROP. ROW & SLOPES FOR TR. 10. ADDED TR 62.
REV. 3-10-22: REVISED OWNER FOR TR. 12. & TR. 19. ADDED MATCHLINE FOR SHEET 9D. ADDED NOTE TO SHOW 20' GATE FOR EMS ACCESS. IN TR. 9.
REV. 5-10-22: ADDED CONST. ESM'T. FOR TR. 16. CORRECTED REVISION NOTE FOR REV. 3-10-22.
REV. 6-20-22: REPLACED TR. 62 WITH TR. 63 AND NEW OWNER AT APPROXIMATE STA. 566+00 LT.
REV. 10-31-22: LABELED TR. 9 & 22 NEAR MATCHLINE. CORRECTED DEGREE SYMBOL FOR BEARING N 38° 34' 27" W ON PIDGEON ROOST CENTERLINE. LINE THROUGH TR. 62 & 63.
REV. 7-15-25: ADDED TRACT 13S, 14S, & 19S.
REV. 02-25-26: REVISED WALL#2.

SEE SHEET 24A,24B FOR WINCHESTER & RAMPS PROFILES.
SEE SHEET 16 FOR GOODLETT PROFILE.
SEE SHEET 17A FOR NORTH & SOUTH ACCESS PROFILE.

GPS = 79-04-32
N 284244.1425
E 794363.8732
EL. 301.28
STA. 559+89.07
OFFSET 2.30' RT.

NOTE:
THE T.C.E. IN TR. 16 IS TO BE USED FOR THE DEMOLITION OF STRUCTURES ONLY.

LEGEND	DESCRIPTION
	PVM'T OBLITERATED

℄ HOMEWOOD
CURVE C72
PI 8+83.54
N 284,578.6474
E 793,873.9900
Δ 22° 44' 14" (RT)
D 19° 05' 55"
R 300.00
Lc 119.05
T 60.32
SE = NC

STA. 302+81.08 S. ACCESS =
STA. 220+04.04 PIDGEON ROOST
N 283731.4678
E 794464.8063

STA. 230+00.00 N ACCESS =
STA. 68+09.82 HOMEWOOD
N 284510.9335
E 793844.8368

STA. 555+50.00 S.R.4 =
STA. 300+00.00 S. ACCESS
N 283926.5636
E 794667.0511

STA. 565+69.92 S.R.4 =
STA. 70+00.00 HOMEWOOD
N 284660.6040
E 793958.9490

℄ S.R. 4 STA. 557+97.83 =
℄ GOODLETT STA. 40+00.00
N 284104.9288
E 794494.9887

MATCH-EXIST. LIMIT-OF CONST. STA. 414+60.22

ROSE H VERNON REVOCABLE LIVING TRUST
H.W. JENKINS COMPANY
4197 PIDGEON ROOST 1SM
STORAGE
OPEN STORAGE 1SW
H.W. JENKINS 4155 HOMEWOOD
DOCK
TRACEY L. PALMER A MARRIED MAN
ADRIAN UEAL
VEECO GENERATOR & STARTER CO. 1SM
BLUFF CITY SERVICE CO. 4187 LAMAR 1SM
TIMOTHY KARGBO
DIRECT INSURANCE 1SM
WILL CALL & REPAIRS 1SM
JEJ PROPERTIES, L.P.
THOMAS MITCHELL BLACK
MEMPHIS WHOLESALE PLUMB. SUPPLY CO. 3638 GOODLETT 1SM
FRANCISCO RUIZ
GRASSER 3623 LAMAR STE. 1&2
REFURBISHED OFFICE SYSTEMS 3623 LAMAR 1SB
NEXCEL COMMERCIAL GROUP GP
BUS, PACK MULE & STEWART-JACKSON 4200 LAMAR 1SB
STORAGE 1SB
4161 WINCHESTER LLC
SUPERIOR SYSTEMS 3615 GOODLETT STE. 110 1SB
SOUTHERN PLASTERING 3615 GOODLETT STE. 109 1SB
LIQUID DESIGNER COLORS INC. 3615 GOODLETT STE. 107 1SB
JIM KITHN STE. 106 DOCUMENTS STE. 105 DIGITAL BY DESIGN CLOSETS STE. 104 BUSINESS FURNITURE SOLUTIONS
GELT STORAGE EASTLAND LLC
STORAGE USA 4175 WINCHESTER 1SB
VALERO 4161 WINCHESTER W/METAL OVERHANGS 1SB

PRES. ROW PIDGEON ROOST
PROP. ROW LAMAR AVE
PRES. ROW
PROP. ROW (CA) & FENCE
PROP. ROW (CA)
℄ RAMP A
℄ RAMP B
℄ N. ACCESS
℄ S.R. 4
℄ LAMAR AVE
℄ INTERSTATE 240
S 46° 01' 51" W
N 46° 01' 46" E
S 51° 58' 14" E
N 23° 17' 35" E
N 43° 58' 11" W
N 39° 58' 11" W
N 38° 34' 27" W
S 45° 49' 47" E
BEGIN PROP. (CA) & FENCE
END PROP. (CA) & FENCE
BEGIN STR-11 IMPACT STA. 557+31
END STR-11 IMPACT STA. 558+89 30' of 42" EXTENSTION
STR-11
EX. 36" TO BE REMOVED
TO BE REMOVED
TO REMAIN
BEGIN RET. WALL#2 ℄ RAMP A STA. 13+98.44 28.00'
RET. WALL#2
PC 230+45.20
PC 15+72.97
TS 13+54.07
SC 15+04.07
ST 19+04.12
ST 555+94.61(S.R.4)
POT 5+00
CUT
FILL
GATE
FENCE
CHAIN LINK FENCE
BOLLARD (2)
BARBED-WIRED FENCE
BOLLARDS
PRIV. SIGN
FLAG
ELEC. BOLLARDS KEYPAD
GATE ARM
20' WIDE GATE. FOR EMERGENCY VEHICLE ACCESS ONLY
CANOPY
DIESEL PUMP(3)
CANOPY
DOCK
ABANDONED
SMH TOP-299.63 FLout(NW)-292.71 FLout(W)-292.57
SMH TOP-303.02 FLin(SE)-285.72 FLout(NW)-285.70
SMH TOP-307.14 FLin(W)-291.59 FLout(E)-291.57
DMH TOP-301.65 FLin(NE)-291.74 FLin(SW)-291.68 FLout(E)-291.62
DMH TOP-299.72 FLin(W)-289.75 FLin(SE)-290.89 FLout(NE)-289.72
INV-297.02
INV-296.87
INV-297.49
INV-297.67
INV-294.25
INV-293.40
21" RCP
18" PIPE
24" CMP
18" RCP FL-303.09 TO REMAIN
12" CMP FL-303.62 TO BE REMOVED
24" CMP FL-295.56 TO BE REMOVED
24" CMP FL-296.16 BM-S12694
RCP FL-299.73 TO BE REMOVED
RCP FL-300.19
BM 5531
CP-S32
MON79-04-32
TOP-303.31
TOP-303.14
ASP.
WM
W.V.
S.S.
C.O.
TELE. PED.
MATCHLINE STA 555+00 SEE SHEET 8
MATCHLINE STA 567+00 SEE SHEET 10 & 10D
MATCHLINE RAMP A STA 16+02.69 SEE SHEET 10D
MATCHLINE RAMP A1 STA 16+04.95 SEE SHEET 10D
MATCHLINE RAMP B STA 10+98.37 SEE SHEET 10

LEGEND:-
2020 PROP. ROW (CA) & FENCE
LOSS OF ACCESS

TR.	PROPERTY OWNER
9	KCAP EMERALD RIDGE, LLC.
19	RAFAT KHMOUS, ZIAD OZRAIL, TALAAT KHMOUS
21	RICHARD D. WATTS
22	AUSTEIN MECHANICAL CONTRACTORS, INC.

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 555+00 TO STA. 567+00
SCALE: 1"= 50'

PLAN IN HAND

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P:\0000_0100\007\8240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\009 present.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	9A
PIH	2026	STP/NH-4(6)	9A

REV. 10-22-20: REVISED BEARING ON TR. 9, TR. 10, TR. 11, TR. 12, TR. 13, TR.14 TR. 15, TR. 16 TR. 17, TR.18 & TR.19. REVISED DISTANCES ON TR. 16.
REV. 1-15-21: ADDED PROP. DRIVEWAY FOR TR. 24.
REV. 3-26-21: REVISED PROP. ROW & ADDED PROP. SLOPE FOR TR. 1O. REVISED OWNER FOR TR. 19.
REV. 11-29-21: REVISED OWNER FOR TR. 14. ADDED TR 62.
REV. 3-10-22: REVISED OWNER FOR TR. 12. & TR. 19. ADDED MATCHLINE FOR SHEET 9D. ADDED NOTE TO SHOW 20' GATE FOR EMS ACCESS IN TR. 9. REMOVED DISTANCE FROM STA. 558+90 TO STA. 559+20.77 IN TR. 13. REVISED REMAINING DISTANCES IN TR 14.
REV. 5-10-22: ADDED CONST. ESM'T. FOR TR. 16. CORRECTED REVISION NOTE FOR REV. 3-10-22.
REV. 6-20-22: REPLACED TR. 62 WITH TR. 63 AND NEW OWNER AT APPROXIMATE STA. 566+00 LT.
REV. 10-31-22: LABELED TR. 21 & 22 NEAR MATCHLINE. MOVED BEARING OUT OF ROW MARKER AT STA. 558+03.05 OFFSET 221.63 LT. CORRECTED DEGREE SYMBOL FOR BEARING N 38° 34' 27" W ON PIDGEON ROOST CENTERLINE. REVISED OWNER FOR TR. 9. LINE THROUGH TR. 62 & 63.
REV. 4-4-23: LABELED BEGIN EXIST. CA FENCE STA. 564+47.13 O/S 100.70'
REV. 7-15-25: ADDED TRACT 13S, 14S, & 19S.

GPS * 79-04-32
N 284244.1425
E 794363.8732
EL. 301.28
STA. 559+89.07
OFFSET 2.30' RT.

LEGEND:-
2020 PROP. ROW (CA) & FENCE
LOSS OF ACCESS

STA. 302+81.08 S. ACCESS =
STA. 220+04.04 PIDGEON ROOST
N 283731.4678
E 794464.8063

STA. 555+50.00 S.R.4 =
STA. 300+00.00 S. ACCESS
N 283926.5636
E 794667.0511

STA. 230+00.00 N ACCESS =
STA. 68+09.82 HOMEWOOD
N 284510.9335
E 793844.8368

℄ S.R. 4 STA. 557+97.83 =
℄ GOODLETT STA. 40+00.00
N 284104.9288
E 794494.9887

℄ S.R. 4 STA. 565+69.92 =
℄ HOMEWOOD STA. 70+00.00
N 284660.6043
E 793958.9486

MATCHLINE STA 555+00 SEE SHEET 8A
MATCHLINE STA 567+00 SEE SHEET 10A
MATCHLINE RAMP A STA 16+02.69 SEE SHEET 10E
MATCHLINE RAMP A1 STA 16+04.95 SEE SHEET 10E
MATCHLINE RAMP B STA 10+98.37 SEE SHEET 10A

PLAN IN HAND

TR.	PROPERTY OWNER
9	KCAP EMERALD RIDGE, LLC.
19	RAFAT KHMOUS, ZIAD OZRAIL, TALAAT KHMOUS
21	RICHARD D. WATTS
22	AUSTEIN MECHANICAL CONTRACTORS, INC.

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 555+00 TO STA.567+00
SCALE: 1"= 50'

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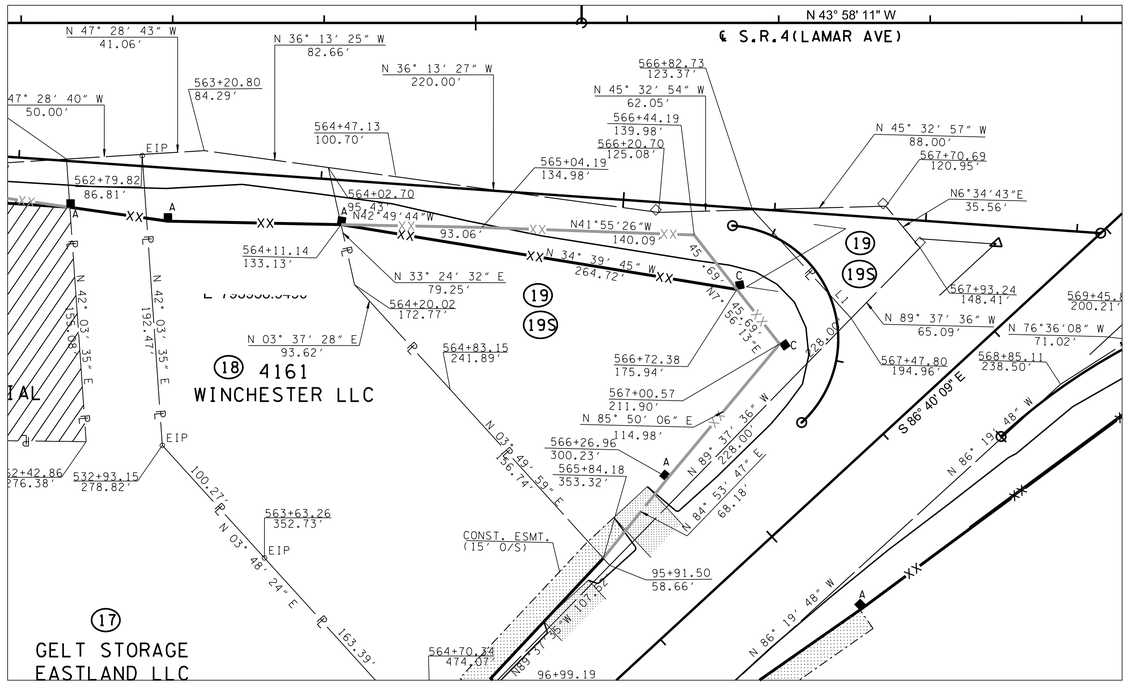
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	9A1
PIH	2026	STP/NH-4(6)	9A1

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

LEGEND

LOSS OF ACCESS

LINE	BEARING	DISTANCE
L1	N03°45'30"E	96.74'



S TRACT ACQ.
FOR TR. 19S

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

DETAILS
SCALE: 1"= 50'

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Item #	Description	QTY	Spacing
802-02.30	Cuttings: Salix Nigra (18In-24In)	55	3' x 3'
802-02.32	Cuttings: Cornus Amomum (18In-24In)	55	3' x 3'
802-02.38	Cuttings: Platanus Occidentalis (18In-24In)	55	3' x 3'
802-02.39	Cuttings: Populus Deltoides (18In-24In)	55	3' x 3'
802-12.18	Liquidamber Styraciflua (Sweetgum Seedlng B.R.)	18	10' x 10'
802-12.19	Liriodendron Tulipifera (Tulip Poplar Seedlng B.R.)	18	10' x 10'
802-12.26	Platanus Occidentalis (Sycamore Seedlng B.R.)	18	10' x 10'
802-12.44	Ulmus Americana (American Elm Seedling B.R.)	18	10' x 10'

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION: WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION: WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.

SEE SHEET 15,24A,24B FOR WINCHESTER & RAMPS PROFILES.
SEE SHEET 16 FOR GOODLETT PROFILE.
SEE SHEET 17A FOR NORTH & SOUTH ACCESS PROFILE.

SEE SHEET 41L FOR STR-11 RELOCATION DETAILS

STA. 302+81.08 S. ACCESS =
STA. 220+04.04 PIDGEON ROOST
N 283731.4678
E 794464.8063

STA. 230+00.00 N ACCESS =
STA. 68+09.82 HOMEWOOD
N 284510.9335
E 793844.8368

STA. 555+50.00 S.R.4 =
STA. 300+00.00 S. ACCESS
N 283926.5636
E 794667.0511

STA. 557+97.83 S.R.4 =
STA. 40+00.00 GOODLETT
N 284104.9288
E 794494.9887

STA. 565+69.92 S.R.4 =
STA. 70+00.00 HOMEWOOD
N 284660.6040
E 793958.9490

END RAMP B
STA 19+04.12=
59' LT. 558+98.63 S.R.4

BEGIN RAMP A1
STA. 15+72.97=
12' RT. 15+72.97
RAMP A

STA. 219+64.41
INV-296.81

STA. 220+50.04
INV-296.38

STA. 221+93.00

BEGIN STR-11 IMPACT
STA. 557+31

86' OF 22" X 13" RCP

GRADE TO DRAIN

NO MOW SIGNS (TYP.)

TOP OF BANK

STR-11 RELOCATION
B = 4'
0.47%

STA. 558+84
END STR-11 IMPACT
STA. 558+89
30' of 42" EXTENSTION

V-SOD

10' TYPE U EW

STA. 559+80
END C & G
STA. 17+00
RAMP B

60A EW
60 EW
60B P.E.

TYPE 13
STA. 556+29

TYPE 38
STA. 560+01

255' - 42" ST TO REMAIN

RP 2' NOSE
51' LT. 562+31.51
S.R.4

BEGIN NEW C&G
STA. 228+86.74

BEGIN NEW C&G
STA. 230+35.35

END TAPER
11+88.61

℄ PIDGEON ROOST
℄ HOMEWOOD
℄ RAMP B
℄ RAMP A
℄ S.R.4 (LAMAR AVE)
℄ GOODLETT
℄ ST 555+54.61 (S.R.4)

N 38° 34' 27" W
N 23° 17' 35" E
S 51° 58' 14" E
N 48° 01' 49" E
N 43° 58' 11" W
N 39° 58' 11" W
S 46° 01' 51" W

S. ACCESS
N. ACCESS

OVERHEAD GANTRY POLE

PROPOSED NOISE BARRIER

557+00.00
61.00'

TYPE 13
STA. 558+16

TYPE III BARRICADE
STA. 558+50

BEGIN RAMP A
STA 5+00.00 = 47' RT.
STA 556+00.00 S.R. 4
BEG. C & G

STA. 555+50

INV-302.60

SOD

20' GRAVEL PAD WITH SIDE DRAIN.
PAY ITEM 707-01.13 GATE - CHAIN LINK FENCE 6 FT.
REFER TO XSECTION SHEET 64.

MATCH EXIST. LIMIT OF CONST. STA. 41+60.22

BEGIN RET. WALL#2
STA. 13+98.44

END TAPER
11+92.59

BEG. TAPER
12+92.91

BEGIN TAPER
14+10.57
18' LT.

END TAPER
15+30.57
28' LT.

END TAPER
565+32.86

RET. WALL#2

END TAPER
14+72.91
14'RT.

RP 2' R NOSE
63' RT. 561+72.86
S.R. 4
BEGIN TAPER

MM-CR-5

TIE

MATCHLINE STA 555+00 SEE SHEET 8B

MATCHLINE STA 567+00 SEE SHEET 10B & 10F
MATCHLINE RAMP A STA 16+02.69 SEE SHEET 10F
MATCHLINE RAMP A1 STA 16+04.95 SEE SHEET 10F
MATCHLINE RAMP B STA 10+98.37 SEE SHEET 10B

XSECT A-A

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	9B
PIH	2026	STP/NH-4(6)	9B

REV. 1-15-21: ADDED PROP.DRIVEWAY FOR TR. 24.
REV. 3-26-21: REVISED RET. WALL#11. ADDED SPECIAL DITCH STA. 556+00 LT. TO STA. 556+58 LT. REVISED DRAINAGE #46
REV. 10-1-21: REMOVED RET. WALL#11. REVISED DRAINAGE FROM STA. 555+00LT TO STA. 557+00LT. ADDED N. ACCESS DR. & S. ACCESS DR.
REV. 3-10-22: ADDED MATCHLINE FOR SHEET 9D.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL#2.

PLAN IN HAND

ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
59	STA. 555+54 (71' RT.)	STR.	90	302.60	18
60	STA. 559+80 (98' LT.)	STR	90	295.30	24
60A	STA. 558+81.44 (85.52' LT)	PEW	75 RT	293.50	42

STORM DRAINAGE PIPE

FROM		TO		PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
CODE	ELEV.	CODE	ELEV.						
47	295.30	53	295.00	18	12	2.50	2.6	8.30	16.6
48	298.00	47	297.60	18	25	1.60	5.4	3.10	13.3
49	300.00	48	298.20	18	90	2.00	19.4	4.2	14.9
50	303.80	49	300.20	18	127	2.83	27.4	3.0	17.7
51	309.40	50	304.00	18	155	3.48	33.5	1.4	19.6
52	295.70	60	295.30	24	43	0.93	11.4	8.0	21.8
53	294.80	57	293.00	24	146	1.23	38.8	14.8	25.1
54	299.40	52	295.90	18	225	1.56	48.6	4.0	13.1
55	303.80	54	299.60	18	164	2.56	35.4	3.0	16.8
56	309.40	55	304.00	18	155	3.48	33.5	1.4	19.6
57	292.80	TIE	292.40	24	21	1.90	5.6		31.2
58	302.90	59	302.60	18	14	2.14	3.0	3.1	15.4
63	296.10	64	295.80	18	52	0.58	11.2	5.47	8.0
60A	293.50	60B	293.40	42	30	0.33	9.7	180.0	

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
47	10+77.00 (RAMP A)	2' RT	12	301.73	297.40	0.210	1.42
48	STA. 561+78.00	60.83' RT	12	302.43	298.00	0.480	2.73
49	STA. 562+73.00	57.66' RT	12	304.42	300.00	0.180	1.22
50	STA. 564+05.00	53.26' RT	12	308.30	303.80	0.220	1.48
51	STA. 565+65.00	49' RT	12	313.72	309.40	0.220	1.48
52	17+97.00 (RAMP B)	2' RT	12	300.48	295.70	0.200	1.35
53	10+77.68 (RAMP A)	18.23' RT	38	299.28	294.80	0.300	1.00
54	STA. 562+36.00	49' LT	12	303.76	299.40	0.150	1.01
55	STA. 564+04.00	49' LT	12	308.39	303.80	0.220	1.48
56	STA. 565+65.00	49' LT	12	313.72	309.40	0.220	1.48
57	STA. 560+16.59	104.02 RT	42	296.80	293.00	5.440	23.14
63	15+85.33 (RAMP A1)	2' RT	14	300.75	296.10	0.920	5.47

MANHOLES

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA. (FT.)	
58	STA. 555+53.90	54.7' RT	3	306.56	302.90	5	

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 555+00 TO STA. 567+00
SCALE: 1"= 50'

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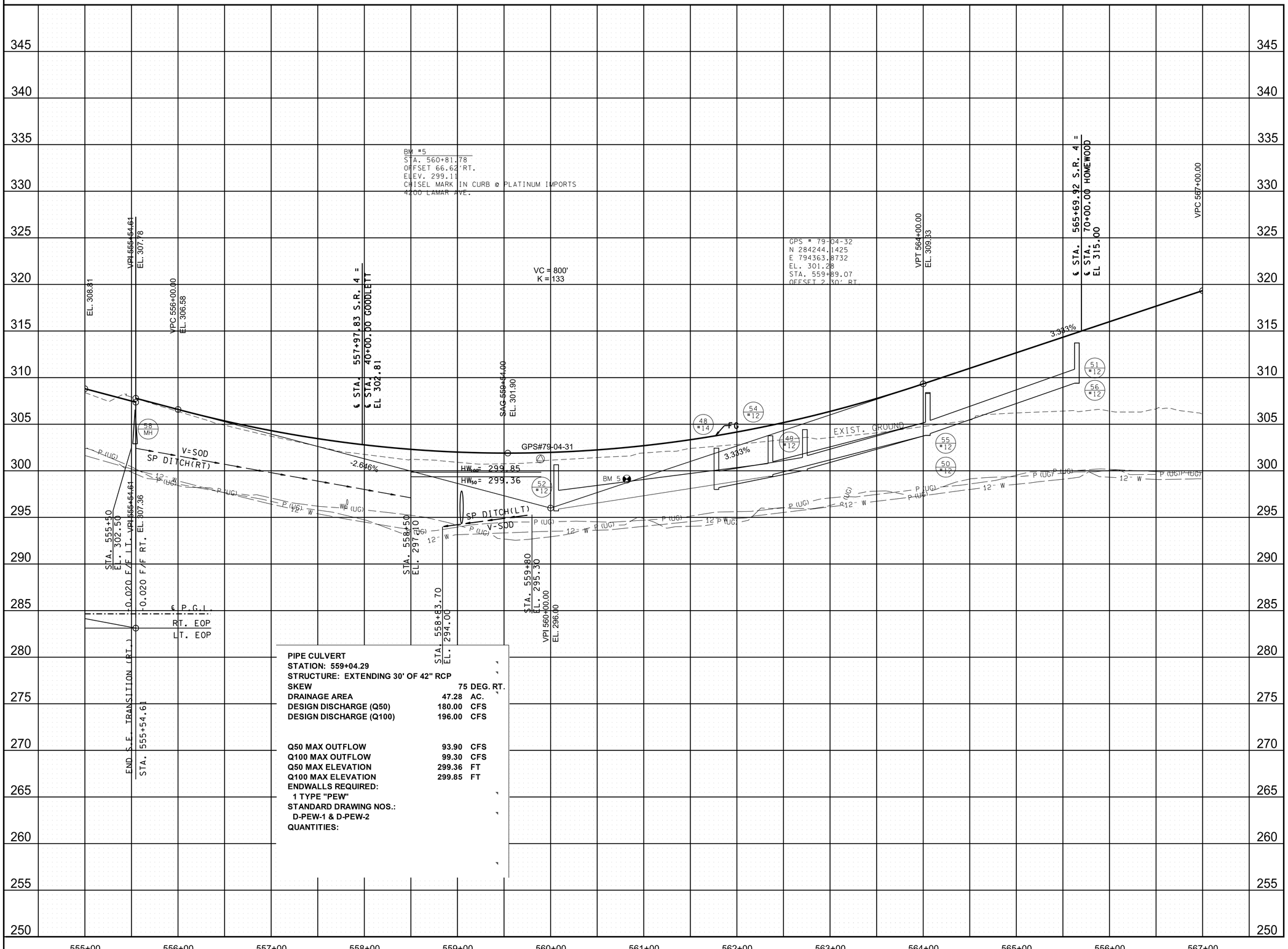
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	9C
PIH	2026	STP/NH-4(6)	9C

REV. 3-26-21: REVISED RET. WALL#11. ADDED SPECIAL DITCH STA. 556+00 LT. TO STA. 556+58 LT. REVISED DRAINAGE #46

REV. 11-29-21: REMOVE RET. WALL #11 REVISED DRAINAGE FROM STA. 555+00 TO STA. 556+50.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

REV. 02-25-26: REMOVED WALL #2.



PIPE CULVERT
STATION: 559+04.29
STRUCTURE: EXTENDING 30' OF 42" RCP

SKEW	75	DEG. RT.
DRAINAGE AREA	47.28	AC.
DESIGN DISCHARGE (Q50)	180.00	CFS
DESIGN DISCHARGE (Q100)	196.00	CFS
Q50 MAX OUTFLOW	93.90	CFS
Q100 MAX OUTFLOW	99.30	CFS
Q50 MAX ELEVATION	299.36	FT
Q100 MAX ELEVATION	299.85	FT

ENDWALLS REQUIRED:
1 TYPE "PEW"
STANDARD DRAWING NOS.:
D-PEW-1 & D-PEW-2
QUANTITIES:

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 555+00 TO STA. 567+00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	10
PIH	2026	STP/NH-4(6)	10

REV. 1-15-21: REVISED TR. 20 TO TR. 19. REVISED TR. 27 & 30 TO TR. 26. REVISED PROP. (CA) FENCE ON PIDGEON ROOST RD. REVISED. PROP. ROW., CONST. ESM'T & PROP. DRIVEWAY FOR TR. 26. SURVEY UPDATE.

REV. 11-29-21: ADDED FREE STANDING CONC. POST & PANEL. REVISED PROP. ROW, SLOPES & CONST. ESMT. FOR TR. 22 & 23. ADDED CONST. ESMT. ON TR. 24, TR. 25 & TR. 26. REMOVED L.O.A FROM TR. 23. ADDED N. ACCESS DR.

REV. 3-10-22: REVISED TR. OWNERS FOR TR. 19.

REV. 5-10-22: ADDED PROP. DRIVEWAY FOR TR. 22.

REV. 10-31-22: CORRECTED ADDRESS FOR TR. 22. REVISED CONST. ESM'T TO INCLUDE SWIMMING POOL. AT TR. 31. REVISED OWNER FOR TR. 5.

REV. 5-10-23: REVISED TR. OWNERS FOR TR. 25.

REV. 7-15-25: REVISED TR. 22. ADDED TR. 26S.

REV. 8-11-25: ADDED DRIVEWAY FOR TR. 22

REV. 02-25-26: REVISED WALL #3. ADDED WALL #11 & 12.

LEGEND:-

2020 PROP. ROW (CA) & FENCE

2020 PROP. ROW

2020 CONST. ESM'T

GPS = 79-04-34
N 285270.7572
E 793309.1968
EL. 294.70
STA. 574+58.71
OFFSET 46.90' LT.

5
BNSF RAILWAY COMPANY

GPS = 79-04-33
N 284890.6248
E 793819.9402
EL. 304.15
STA. 508+31.99
OFFSET 59.66' RT.

235

PC 236+93.96

PRES. & PROP. ROW

PROP. ROW

CHAIN LINK FENCE

EAP

PT 235+43.96

AUSTEIN MECHANICAL STORAGE ISM

22
AUSTEIN MECHANICAL CONTRACTORS, INC.

AUSTEIN MECHANICAL CONTRACTORS INC. 4116 PIDGEON ROOST RD.

23
SOUTHERN SCREENS INC

570

21
10
GENERAL GLASS CO. 4131 LAMAR
RICHARD D. WATTS

PRES. ROW

N 43° 58' 11" W

S 51° 56' 44" E

℄ N. ACCESS
N 86° 12' 08" W

COLUMN(4)

TOP-291.57

CUT

ASP

BOLLARD/GATE

GATE CTRL

EBOX
MB

W.M.

G.V.

24" RCP
FL-290.24

GRASS TO BE REMOVED

ABANDONED

RAIL FENCE

℄ RAMP B1

℄ RAMP B

℄ RAMP C1

℄ RAMP C

℄ S.R. 4

℄ S.R. 4
S 86° 25' 54" E

BEGIN RET. WALL#1
WINCHESTER RD
STA. 86+55.66
52.00'

RET. WALL #1

RET. WALL #2
PROPOSED

BEGIN RET. WALL#2
STA. 16+44.46

RET. WALL#3

BOLLARDS

END RET. WALL#3
STA. 13+98.56
CP-534

STA. 84+70.00 WINCHESTER =
STA. 240+49.32 N ACCESS
N 285049.5784
E 793087.7864

STA. 570+62.91 S.R.4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

SEE SHEET 15,24A,24B,24C FOR WINCHESTER & RAMPS PROFILES. SEE SHEET 17A FOR NORTH ACCESS PROFILE.

**BEGIN RET. WALL#12
TIE TO RAMP A RET. WALL#3
WINCHESTER RD
STA. 87+77.05
52.00'

NOTE: EX. RETAINING WALL ALONG WINCHESTER STA. 83+25 LT. TO STA. 84+90 LT. TO BE REMOVED.

INLET
TOP-279.42
FLout(NW)-274.92
TO BE REMOVED

PAVED SLOPE

RAILROAD BRIDGE

INLET
TOP-271.88
FLout(NW)-267.48

INLET
TOP-271.28
FLin(E)-267.78
FLout(W)-267.48

INLET
TOP-270.76
FLin(E)-266.02
FLout(W)-265.92

INLET
TOP-271.18
FLin(E)-267.05
FLout(W)-266.91

NOTE:
THE T.C.E. THAT PASSED 15' OFFSET FROM THE PROP. R.O.W. OR PASSED PROP. R.O.W. (CA) & FENCE ARE TO BE USED FOR THE DEMOLITION OF STRUCTURES ONLY.

LIMIT OF CONST
MATCH EXIST.

STA 83+50 WINCHESTER

INLET
TOP-285.13
INV-276.12
TO REMAIN

INLET
TOP-272.09
FLin(SE)-265.71
FLout(NW)-265.49

INLET
TOP-271.08
FLin(E)-266.67
FLout(NW)-266.47

INLET
TOP-272.96

BM-S12718

HANCOCK

85

S 34° 45' 45" E

OKOMO'S PALCE MUSIC
4070 LAMAR
2SB

END PROP. (CA) & FENCE

26S
26
CULBREATH
DONALD L (TR)

SMH
TOP-286.91
FLin(SE)-275.59
FLout(NW)-275.49

AMERICANA CLUB
4090 LAMAR
2SB

SMH
TOP-296.23
FLin(SE)-284.41
FLout(NW)-284.25

575

PROP. ROW (CA) & FENCE

STA. 577+08.42 S.R.4 =
STA. 110+00.00 CLEARPOOL <A>
N 285490.2535
E 793179.6352

VACANT BLDG
4069 LAMAR

SMH
TOP-284.06
FLin(E)-273.32
FLout(W)-273.26

S 35° 46' 22" E

SMH
TOP-288.08
FLin(E)-276.70
FLout(W)-276.66

DMH
TOP-289.60
FLin(E)-284.10
FLin(W)-284.19
FLin(S)-284.03
FLout(N)-283.70
TO BE REMOVED

Ex. ASPH. DR.

MATCHLINE STA 567+00 SEE SHEET 9
MATCHLINE RAMP B STA 10+98.37 SEE SHEET 9

MATCHLINE STA 580+00 SEE SHEET 11
MATCHLINE RAMP C STA 9+01.53 SEE SHEET 11

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PLAN IN HAND

PRESENT LAYOUT

STA. 567+00 TO STA. 580+00
SCALE: 1"= 50'

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P:\0000_0100\007824O020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\010 present.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	10A
PIH	2026	STP/NH-4(6)	10A

REV. 10-22-20: REVISED BEARING ON TR. 20, TR. 23, TR. 29 & TR. 31
REV. 11-29-21: REVISED PROP. ROW, SLOPES & CONST. ESMT. FOR TR. 22 & 23. ADDED CONST. ESMT. ON TR. 24, TR. 25, TR. 26. REMOVED L.O.A. FOR TR. 23.
REV. 5-10-22: ADDED PROP. DRIVEWAY FOR TR. 22.
REV. 10-31-22: CORRECTED DISTANCE FOR BEARING N38° 29' 8"W AT TR. 22. REMOVED INCORRECT ARCLENGTH FOR RADIUS 1856.86' AT TR. 26. UPDATED THE REMAINING DISTANCE FOR BEARING N3° 52' 16"E AT TR. 24 AND 25. REVISED CONST. ESM'T. TO INCLUDE SWIMMING POOL AT TR. 31. REVISED OWNER FOR TR. 5.
REV. 4-4-23: LABELED END EXIST. CA FENCE STA. 568+07.76 O/S 164.13'
REV. 7-15-25: REVISED TR. 22. ADDED TR. 26S.
REV. 7-28-25: CORRECTED DISTANCE FOR TR. 22 BETWEEN STA. 571+50/515 & 83+66.03/103.02
REV. 8-11-25: ADDED DRIVEWAY FOR TR. 22

LEGEND:-

2020 PROP. ROW (CA) & FENCE

2020 PROP. ROW

2020 CONST. ESM'T

LINE	BEARING	DISTANCE
L1	N 74°50' 55" W	151.69'
L2	N 86°25' 54" W	80.22'
L3	N 52°46' 52" E	156.50'

NOTE:
THE T.C.E. THAT PASSED 15' OFFSET FROM THE PROP. R.O.W. OR PASSED PROP. R.O.W. (CA) & FENCE ARE TO BE USED FOR THE DEMOLITION OF STRUCTURES ONLY.

(5) BNSF RAILWAY COMPANY

(5) BNSF RAILWAY COMPANY

(5) BNSF RAILWAY COMPANY

(22) AUSTEIN MECHANICAL CONTRACTORS, INC.

(23) SOUTHERN SCREENS, INC

(21) 10 RICHARD D. WATTS

(26S) (26) CULBREATH DONALD L (TR)

BM-S12710

BM-S12692

CP-S34
MON79-04-34

STA. 84+70.00 WINCHESTER =
STA. 240+49.32 N ACCESS
N 285049.5784
E 793087.7864

STA. 570+62.91 S.R.4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

STA. 577+08.42 S.R.4 =
STA. 110+00.00 CLEARPOOL <A>
N 285490.2535
E 793179.6352

STA. 569+78.00
BEG. BRI

STA. 571+48.00
END BRI

LIMIT OF CONST MATCH EXIST STA. 83+50 WINCHESTER

REFER TO SHEET 11A1 FOR "S" TRACT ACO.

MATCHLINE STA 567+00 SEE SHEET 9A
MATCHLINE RAMP B STA 10+98.57 SEE SHEET 9A

MATCHLINE STA 580+00 SEE SHEET 11A
MATCHLINE RAMP C STA 9+01.53 SEE SHEET 11A

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PLAN IN HAND

RIGHT OF WAY DETAILS

STA. 567+00 TO STA. 580+00
SCALE: 1"= 50'

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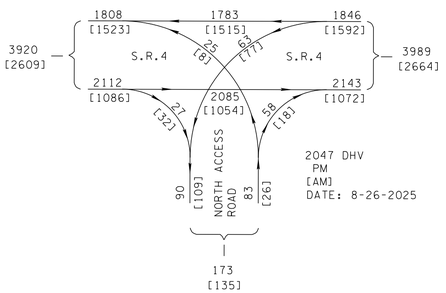
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	10B
PIH	2026	STP/NH-4(6)	10B

REV. 1-15-21: REVISED PROP. DRIVEWAY WINCHESTER STA. 84+75.00 LT.
REV. 11-29-21: ADDED N. ACCESS DR. ADDED CB 97A, 97B ,98A, 98B & 97C. ADDED EW 97C.
REV. 5-10-22: ADDED PROP. DRIVEWAY N ACCESS STA. 233+70.00 LT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 8-11-25: ADDED DRIVEWAY AT STA. 234+00 LT N. ACCESS.
REV. 02-25-26: REVISED WALL #3. ADDED WALL #11 & 12.



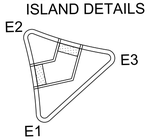
STORM SEWER PIPE

FROM CODE	FROM ELEV.	TO CODE	TO ELEV.	PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
67	290.40	70	289.30	18	63	1.75	13.6	5.0	13.9
68	291.30	67	290.60	18	46	1.52	9.9	4.5	13.0
69	294.20	68	291.50	18	192	1.41	41.5	2.8	12.5
70	289.10	71	288.30	18	44	1.82	9.5	6.4	14.2
71	288.10	96	286.20	18	88	2.16	19.0	7.9	15.4
72	283.80	84	281.20	24	119	2.18	31.7	24.4	33.4
80	284.00	83	283.00	24	53	1.89	14.1	24.9	31.1
82	280.00	85	278.70	24	35	3.71	9.3	28.1	43.6
83	282.80	82	280.20	24	120	2.17	31.9	26.2	33.3
84	281.00	85	278.60	24	91	2.64	24.2	26.4	36.7
85	277.50	86	275.75	36	153	1.14	46.2	54.5	71.2
86	275.55	87	272.90	36	211	1.26	63.7	55.3	74.6
87	272.70	102	268.10	36	314	1.46	94.8	56.3	80.6
88	303.40	89	296.00	18	189	3.92	40.8	4.7	20.8
89	295.80	90	290.40	18	99	5.45	21.4	8.5	24.5
90	290.20	103	284.00	18	185	3.35	40.0	7.7	19.2
96	284.50	80	284.20	24	20	1.50	5.3	23.3	27.7
97	284.90	72	284.00	24	48	1.87	12.8	22.4	31.0
97A	287.20	97B	286.90	24	40	0.75	10.6	16.4	19.6
97B	286.70	97C	285.40	24	144	0.90	38.3	18.3	21.5
97C	285.20	97	285.10	24	7	1.43	1.9	20.6	27.0
98A	277.80	98B	276.80	18	50	2.00	10.8	1.0	14.9
98B	276.60	98C	275.60	18	86	1.16	18.6	5.0	11.3
98C	275.40	98D	275.20	18	9	2.22	1.9	7.0	15.7

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
67	7+54.00 (RAMP B)	2' RT	12	294.46	290.40	0.150	0.50
68	8+04.00 (RAMP B)	2' RT	12	295.34	291.30	0.510	1.74
69	10+00.00 (RAMP B)	2' RT	12	298.74	294.20	0.670	2.76
70	6+92.00 (RAMP B)	26' LT	14	293.24	289.10	0.260	1.36
71	88+44.00 (WIN)	44' RT	12	295.19	288.10	0.250	1.54
72	86+50.00 (WIN)	56' RT	12	289.15	283.80	0.290	1.80
80	87+77.00 (WIN)	44' LT	12	293.47	284.00	0.270	1.53
82	14+80.00 (RAMP C)	14' RT	12	294.67	279.60	0.440	1.96
83	16+06.00 (RAMP C)	2' RT	14	292.17	282.80	0.250	1.29
84	85+80.00 (WIN)	44' LT	12	286.70	281.00	0.350	2.00
85	STA. 574+50.00	173.50' LT	42	287.90	277.50	0.050	0.34
86	STA. 576+00.00	172.81' LT	42	283.50	275.55	0.230	0.81
87	STA. 578+20	157' LT	42	279.50	272.70	0.250	1.00
88	STA. 576+00.00	50.50' LT	12	307.86	303.40	0.700	4.73

NORTH ACCESS ISLAND DETAILS



SEE SHEET 15,24A,24B,24C,24D FOR WINCHESTER & RAMPS PROFILES.
SEE SHEET 17A FOR NORTH ACCESS PROFILE.

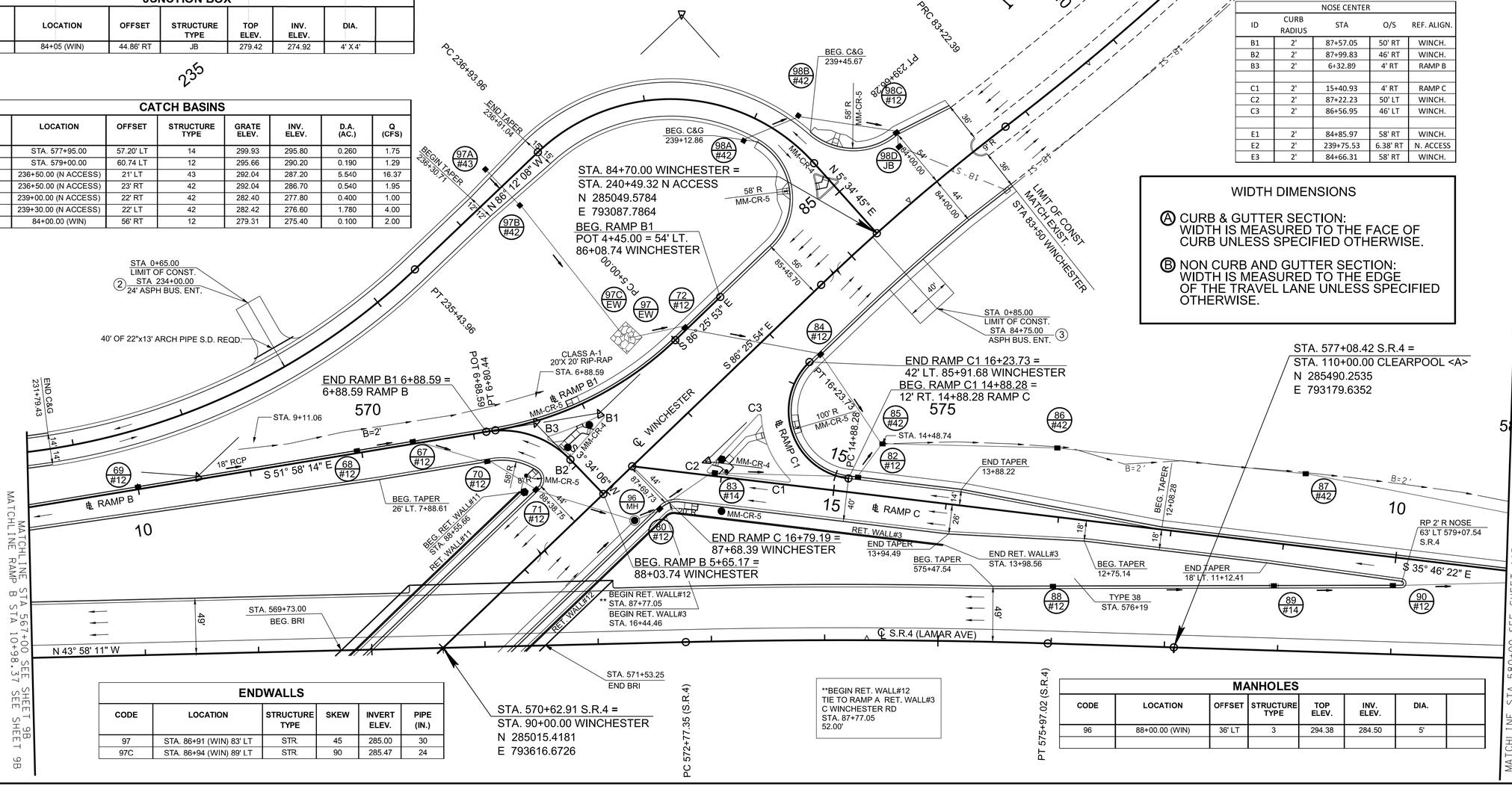
JUNCTION BOX

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA.	
98D	84+05 (WIN)	44.86' RT	JB	279.42	274.92	4' X 4'	

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
89	STA. 577+95.00	57.20' LT	14	299.93	295.80	0.260	1.75
90	STA. 579+00.00	60.74 LT	12	295.66	290.20	0.190	1.29
97A	236+50.00 (N ACCESS)	21' LT	43	292.04	287.20	5.540	16.37
97B	236+50.00 (N ACCESS)	23' RT	42	292.04	286.70	0.540	1.95
98A	239+00.00 (N ACCESS)	22' RT	42	282.40	277.80	0.400	1.00
98B	239+30.00 (N ACCESS)	22' LT	42	282.42	276.60	1.780	4.00
98C	84+00.00 (WIN)	56' RT	12	279.31	275.40	0.100	2.00

NOSE CENTER ID	CURB RADIUS	STA	O/S	REF. ALIGN.
B1	2'	87+57.05	50' RT	WINCH.
B2	2'	87+99.83	46' RT	WINCH.
B3	2'	6+32.89	4' RT	RAMP B
C1	2'	15+40.93	4' RT	RAMP C
C2	2'	87+22.23	50' LT	WINCH.
C3	2'	86+56.95	46' LT	WINCH.
E1	2'	84+85.97	58' RT	WINCH.
E2	2'	239+75.53	6.38' RT	N. ACCESS
E3	2'	84+66.31	58' RT	WINCH.



WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION: WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION: WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.

ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
97	STA. 86+91 (WIN) 83' LT	STR.	45	285.00	30
97C	STA. 86+94 (WIN) 89' LT	STR.	90	285.47	24

**BEGIN RET. WALL#12 TIE TO RAMP A RET. WALL#3 C WINCHESTER RD STA. 87+77.05 52.00'

PC 572+77.35 (S.R.4)

PT 575+97.02 (S.R.4)

MANHOLES

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA.	
96	88+00.00 (WIN)	36' LT	3	294.38	284.50	5'	

PLAN IN HAND

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 567+00 TO STA. 580+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	10C
PIH	2026	STP/NH-4(6)	10C

REV: 1-11-21: ADDED FIBER OPTIC LINES.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REMOVED WALL# 2 & 3.

BM #6
STA. 573+26.25
OFFSET 85.27'LT.
ELEV. 297.41
CPS IN POWER POLE ON WEST CORNER OF INTERSECTION @ LAMAR & WINCHESTER

BEGIN BRI STA 569+78.00
EL. 324.55

END BRI STA 571+48.00
EL. 323.75

VPI 570+50.00
EL. 331.00

℄ STA. 570+62.91 S.R. 4 =
℄ STA. 90+00.00 WINCHESTER
EL 324.53

VPT 574+00.00
EL. 317.00

EL. 319.33

3.333%

-4.000%

FG

V/C = 700'
K = 95

℄ S.R. 4 STA. 570+62.91 =
℄ WINCHESTER STA. 90+00.00
EL 299.02

CREST 570+18.18
EL. 324.64

℄ STA. 577+08.42 S.R. 4 =
℄ STA. 110+00.00 CLEARPOOL <A>
EL 304.66

-4.000%

EXIST. GROUND

STA. 577+50
EL. 289.87

STA. 578+95
EL. 288.49

B=2' CLASS-B RIP-RAP

SP DITCH(RT)

STA. 580+00
EL. 287.50

EXIST. 24" RCP
SKEW 90°

EXIST. 18" RCP
8" SA SKEW 90°

BM 6

88 #12
91 #12
92 #14
89 #14
90 #12
93 #14

567+00 568+00 569+00 570+00 571+00 572+00 573+00 574+00 575+00 576+00 577+00 578+00 579+00 580+00

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 567+00 TO STA. 580+00

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

PLAN IN HAND

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	10D
PIH	2026	STP/NH-4(6)	10D

REV. 1-15-21: REVISED TR. 20 TO TR. 19. REVISED TR. 27 & 30 TO TR. 26. REVISED PROP. (CA) FENCE ON PIDGEON ROOST RD. REVISED. PROP. ROW., CONST. ESM'T & PROP. DRIVEWAY FOR TR. 26. SURVEY UPDATE.
REV. 11-29-21: ADDED FREE STANDING CONC. POST & PANEL. REVISED PROP. ROW, SLOPES & CONST. ESMT. FOR TR. 22 & 23. ADDED CONST. ESMT. ON TR. 24, TR. 25 & TR. 26. REMOVED L.O.A FROM TR. 23. ADDED N. ACCESS DR.
REV. 3-10-22: REVISED TR. OWNERS FOR TR. 19.
REV. 5-10-22: ADDED PROP. DRIVEWAY FOR TR. 22.
REV. 10-31-22: CORRECTED ADDRESS FOR TR. 22. REVISED CONST. ESM'T TO INCLUDE SWIMMING POOL. AT TR. 31. REVISED OWNER FOR TR. 5.
REV. 5-10-23: REVISED TR. OWNERS FOR TR. 25.
REV. 7-15-25: ADDED TR. 19S.
REV. 10-1-25: ADDED PH. 1 & 2 ACQUISITION FOR TR. 24.
REV. 02-25-26: REVISED WALL #2. & NOISE WALL. ADDED WALL #11 & 12.

MATCHLINE STA 567+00 SEE SHEET 9
MATCHLINE RAMP A STA 16+02.69 SEE SHEET 9
MATCHLINE RAMP A1 STA 16+04.95 SEE SHEET 9

MATCHLINE STA 580+00 SEE SHEET 11
MATCHLINE RAMP D STA 16+80.59 SEE SHEET 11

RAFAT KHMOUS,
ZIAD OZRAIL,
TALAAT KHMOUS

**END RET. WALL#11
TIE TO RAMP A RET. WALL#2
C WINCHESTER RD
STA. 91+99.87
52.00'

STA. 569+78.00
BEG. BRI

STA. 571+48.00
END BRI

PC 572+77.35

SEE SHEET 15,24A, 24D FOR WINCHESTER & RAMPS PROFILES.

STA. 577+08.42 S.R.4 =
STA. 110+00.00 CLEARPOOL <A>
N 285490.2535
E 793179.6352

℄ S.R. 4
DC-3
INLET
TOP-296.88
FLin(W)-287.08
FLout(W)-287.01
FLout(S)-291.04
SMH
TOP-300.59
FLin(W)-291.13
FLout(S)-291.04
TO BE REMOVED
IRON FENCE
GATE
PRES. ROW

END RET. WALL#2 **
STA. 17+81.08

RET. WALL #1
RET. WALL #2
RET. WALL #3
RET. WALL #4

GP-533
MON79-047
INLET
TOP-301.84
FLout(E)-297.07
TO BE REMOVED
GROUND

℄ RAMP A
℄ RAMP D
℄ RAMP D1
℄ RAMP A1
PRES. ROW

DIRECT RECEPTION
4110 LAMAR
1SM
10

END RET. WALL #12
WINCHESTER RD
STA. 91+27.89
52.00'

PC 6+42.42
PT 7+21.74
N 50° 46' 22" W
FILL
CUT
PROP. ROW (CA) & FENCE
APARTMENTS 25W
TENNIS COURTS
S 86° 40' 09" E
℄ WINCHESTER
STA. 570+62.91 S.R.4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

DMH
TOP-292.01
FLin(E)-286.69
FLin(W)-286.53
FLout(W)-285.27
PROP. ROW
PT 575+97.02 (S.R.4)
TS 12+79.21
LIMIT OF CONST
MATCH EXIST.
STA 112+02.10 CLEARPOOL <A>

AMERICAN BEST VALUE INN
4060 LAMAR
2S
SMH
TOP-304.63
FLin(W)-292.66
FLout(S)-292.56
SS 15+29.26
SC 14+79.21
PROP. ROW (CA) & FENCE
POOL
OM SHREE ARIA LLC

DANNY M. OWENS
TRUST

CORNER PAK TRISSHA
RESIDENCY LLC

℄ LAMAR AVE
CURVE DC-3
PI 574+37.22
N 285,284.8120
E 793,356.7980
Δ 3° 11' 48" (RT)
D 1° 00' 00"
R 5729.67
L 319.67
T 159.88
SE NC
DESIGN SPEED 50 MPH
TRANS. LENGTH 000
PT 1+50.60
PC 5+06.60

CURTIS ALLEN, JR. & WIFE
JANET L. ALLEN

3465 RES CLEARPOOL 1SB
3468 RES CLEARPOOL 1SW
3458 RES CLEARPOOL 1SW

N 14° 90' 10" E
PRES. ROW
115

* TR. 24 PH. 2 ACQUISITION REPRESENTED

4161
WINCHESTER LLC
VALERO
4161 WINCHESTER
1SB
W/METAL OVERHANGS

RAFAT KHMOUS,
ZIAD OZRAIL,
TALAAT KHMOUS

LIMIT OF CONST
MATCH EXIST.
STA 97+00 WINCHESTER

S 86° 19' 48" E
95
S 86° 40' 09" E
N 3° 39' 51" E
RAMP D1
N 50° 46' 22" W
RAMP D
TEMP. CONST. ESM'T.

NOTE: INSET FOR TR. 24 PH. 1 ACQUISITION REPRESENTED

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PLAN IN HAND

PRESENT LAYOUT

STA. 567+00 TO STA. 580+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	10E
PIH	2026	STP/NH-4(6)	10E

REV. 1-15-21: REVISED TR. 20 TO TR. 19. REVISED TR. 27 & 30 TO TR. 26. REVISED PROP. ROW & CONST. ESMT. ON TR. 26.
REV. 3-10-22: REVISED TR. OWNERS FOR TR. 19.
REV. 12-12-22: CORRECTED STATION IN BETWEEN 146.10' RADIUS AND N 4°10'E FOR TR. 31.
REV. 5-10-23: REVISED TR. OWNERS FOR TR. 25.
REV. 7-15-25: ADDED TR. 19S.
REV. 10-1-25: ADDED PH. 1 & 2 ACQUISITION FOR TR. 24.

MATCHLINE STA 567+00 SEE SHEET 9A
MATCHLINE RAMP A STA 16+02.69 SEE SHEET 9A
MATCHLINE RAMP A1 STA 16+04.95 SEE SHEET 9A

STA. 570+62.91 S.R.4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

STA. 577+08.42 S.R.4 =
STA. 110+00.00 CLEARPOOL <A>
N 285490.2535
E 793179.6352

MATCHLINE STA 580+00 SEE SHEET 11A
MATCHLINE RAMP D STA 16+80.59 SEE SHEET 11A

570 | 575

STA. 569+78 BEG. BRI
STA. 571+48 END BRI
PT 575+97.02
℄ S.R.4 (LAMAR AVE)
N 43° 58' 11" W
N 49°00'11" E

CP-S33
MON79-04-33

N 45° 32' 57" W 88.00'
567+70.69 120.95'
N6°34'43"E 35.56'
℄ RAMP A
N 3° 19' 51" E
570+19.50 133.00'
℄ WINCHESTER
℄ RAMP D
N 86° 19' 48" W 99.75'
R=338.00' L=135.35' CHORD = N74°51'29" W 134.45'
571+35.02 64.13'
EIP EIP
R=338.00' L=118.48' CHORD = N 53°20'34" W 117.88'
572+51.19 44.78'
PRES. ROW
R=11385.16' L=392.21' CHORD = N 42°18'50" W 392.19'
PRES. ROW
S 9° 54' 27" W 35.92'
576+68.70 72.32'
S 49° 00' 08" W 40.51'
576+45.94 44.53'
R=11385.16' L=5.47'
S40°44'16"E 1.30'
N 40° 46' 22" W 424.70'
577+50.58 44.00'
577+57.35 44.00'
577+51.88 44.00'
577+35.59 138.18'
CUT
PROP.ROW (CA) & FENCE
N 48°31'23" W 247.60'
99.47'
PC 572+77.35
R = 161.55'
℄ RAMP D
N 50° 46' 22" W
10
FILL
576+68.86 112.83'
576+51.54 150.88'
576+42.10 155.34'
105.30'
95.70'
573+48.68 163.01'
575+00.04 170.51'
N40°38'13"E 55.00'
111+88.15 40.00'
111+80.84 78.47'
R=211.10' L=93.13'
N86°06'22"W 16.02'
N47°19'04"W 140.09'
N39°34'50"W 147.14'
25
DANNY M. OWENS TRUST
N 50° 41' 16" W 39.70'
LIMIT OF CONST
MATCH EXIST.
STA 112+02.10 CLEARPOOL <A>
111+83.44 25.00'
112+47.05 25.00'
28
R=146.10' L=32.74'
577+54.66 143.59'
N 46° 52' 45" E 46.90'
112+08.71 25.00'
31
OM SHREE ARIA LLC
112+41.05 25.00'
CONST. ESMT. (15' O/S FROM BUILDING)
CONST. ESMT. SWIMMING POOL
114+12.40 25.00'
N 79° 26' 53" W 220.77'
N 04° 00' 10" E 100.00'
25' ROW
112+75.81 25.00'
115+18.66 25.00'
115
113+75.81 25.00'
EIP
N 04° 00' 10" E 16.00'
94+10.00 90.00'
℄ RAMP A1
℄ RAMP D1
S 86° 40' 09" E 228.00'
N 89° 37' 36" W 65.09'
567+47.80 194.96'
N 76°36'08" W 71.02'
568+85.11 238.50'
569+45.80 200.21'
567+93.24 148.41'
19
19S
N 86° 19' 48" W
CUT
276.63'
N 80°26'36" W
MATCHLINE SEE THIS SHEET
92+15.00 105.00'
PROP.ROW (CA) & FENCE
N 55°04'25" W
571+49.40 202.16'
572+43.31 183.72'
N50°49'04"W 174.53'
315.33'
R N 03° 52' 16" E
N 85° 59' 50" W 299.99'
N 85° 59' 50" W 302.37'
N 85° 59' 50" W 302.14'
100.00'
112+22.78 332.66'
63.1
CURTIS ALLEN, JR. & WIFE, JANET L. ALLEN
29
RAFAT KHMOUS, ZIAD OZRAIL, TALAAT KHMOUS
19
19S
RAFAT KHMOUS, ZIAD OZRAIL, TALAAT KHMOUS
24
CORNER PAK TRISSHA RESIDENCY LLC
CORNER PAK TRISSHA RESIDENCY LLC

LINE	BEARING	DISTANCE
L1	N03°45'30"E	96.74'

N

* TR. 24 PH. 2 ACQUISITION REPRESENTED

RAFAT KHMOUS, ZIAD OZRAIL, TALAAT KHMOUS
19
19S
18 4161 WINCHESTER LLC
N 03° 37' 28" E 93.62'
564+83.15 241.89'
N85°50'06"E 114.98'
END CA & FENCE 95+24.00 75.00'
N84° 53' 47"E 68.18'
95
N 89° 37' 36" W 228.00'
MATCHLINE SEE THIS SHEET
N 03° 49' 59" E 136.74'
100.27'
N 03° 45' 24" E
563+63.26 352.73'
EIP
R 163.39'
95+91.44 65.00'
CONST. ESMT. (15' O/S)
N89°09'53"E 108.51'
6.34'
95+91.50 58.66'
N3°40'12"E 4.00'
97+00.00 57.00'
564+70.34 474.07'
N89° 37' 36" W 107.12'
96+99.19 53.00'
0.81'
58.12'
N86° 19' 48" W
97+00.00 53.00'
232.32'
S 86° 19' 48" E
℄ WINCHESTER
N 86° 19' 48" W 408.35'
END CA & FENCE 94+90.00 75.00'
S 78° 54' 15" E 111.02'
CONST. ESMT. (15' O/S)
96+00.00 60.00'
24
CORNER PAK TRISSHA RESIDENCY LLC
S3°40'12"W 4.00'
97+00.00 53.00'
564+88.15 100.39'
97+00.00 57.00'
48.85'
EIP
LIMIT OF CONST
MATCH EXIST.
STA 97+00
WINCHESTER

95
S 86° 19' 48" E
WINCHESTER ℄
S 86° 40' 09" E
N 76°36'08" W 71.02'
568+85.11 238.50'
569+45.80 200.21'
570+19.50 133.00'
N 3° 19' 51" E
N 86° 19' 48" W
97+15.00 53.00'
EIP
S 84° 53' 19" E 114.23'
S 78° 54' 15" E 110.23'
N 80° 26' 36" W 243.78'
RAMP D1 ℄
N 86° 19' 48" W 99.75'
R=338.00' L=135.35' CHORD = N74°51'29" W 134.45'
571+35.02 64.13'
EIP EIP
S 3° 40' 12" W 18.63'
97+15.00 71.63'
96+01.25 74.97'
94+90.00 75.00'
S 11° 05' 45" W 15.00'
94+92.03 89.86'
92+47.66 101.44'
S 11° 46' 47" W 138.58'
N 3° 52' 16" E 116.55'
N 50° 46' 22" W RAMP D ℄
TEMP. CONST. ESM'T.
24
CORNER PAK TRISSHA RESIDENCY LLC
S 86° 51' 12" E 127.41'
92+43.90 239.97'
S 86° 19' 07" E 85.04'
L1
L2
571+39.76 255.06'
S 3° 57' 22" W 25.13'
571+56.60 273.71'
571+97.86 192.65'
572+19.45 216.43'
572+43.31 183.72'

BEARING & DISTANCES
L1 = N03°47'36"E 32.12'
L2 = N55°04'25"W 46.33'

N

NOTE: INSET FOR TR. 24 PH. 1 ACQUISITION REPRESENTED

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 567+00 TO STA. 580+00
SCALE: 1"= 50'

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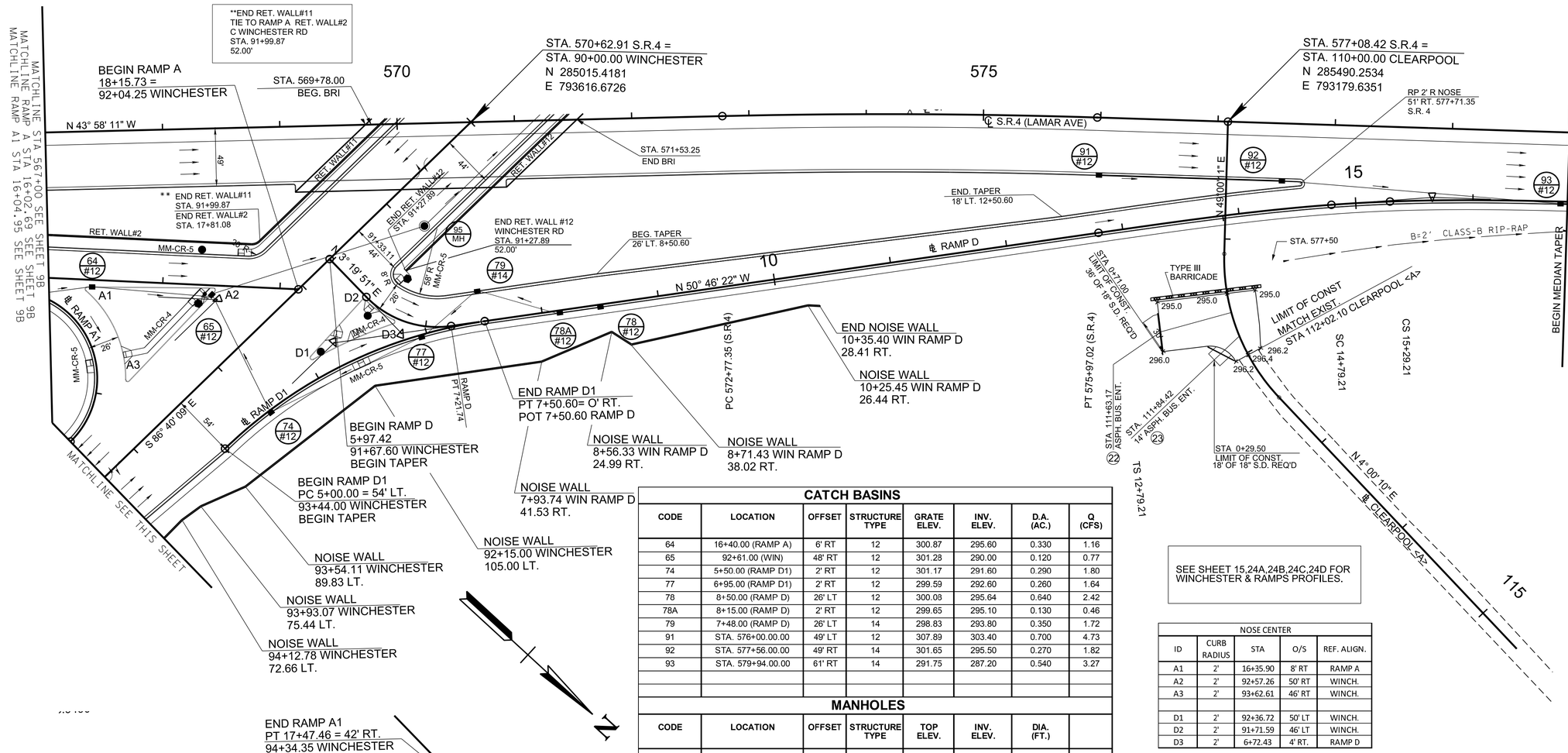
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	10F
PIH	2026	STP/NH-4(6)	10F

REV. 8-19-22: REVISED MH#95.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL #2, NOISE WALL, MH#94, CB74 & CB65. ADDED WALL #11 & 12.



NOSE CENTER				
ID	CURB RADIUS	STA	O/S	REF. ALIGN.
A1	2'	16+35.90	8' RT	RAMP A
A2	2'	92+57.26	50' RT	WINCH.
A3	2'	93+62.61	46' RT	WINCH.
D1	2'	92+36.72	50' LT	WINCH.
D2	2'	91+71.59	46' LT	WINCH.
D3	2'	6+72.43	4' RT.	RAMP D

CATCH BASINS

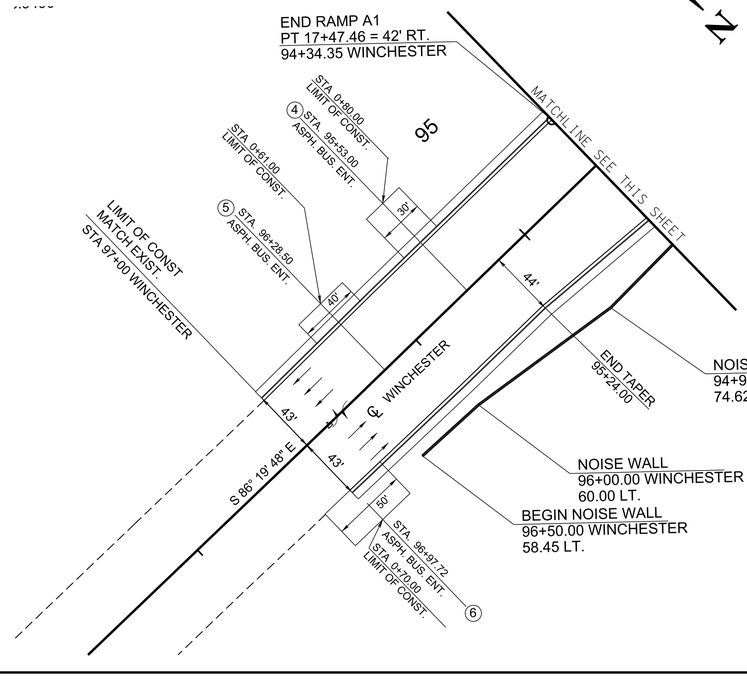
CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
64	16+40.00 (RAMP A)	6' RT	12	300.87	295.60	0.330	1.16
65	92+61.00 (WIN)	48' RT	12	301.28	290.00	0.120	0.77
74	5+50.00 (RAMP D1)	2' RT	12	301.17	291.60	0.290	1.80
77	6+95.00 (RAMP D1)	2' RT	12	299.59	292.60	0.260	1.64
78	8+50.00 (RAMP D)	26' LT	12	300.08	295.64	0.640	2.42
78A	8+15.00 (RAMP D)	2' RT	12	299.65	295.10	0.130	0.46
79	7+48.00 (RAMP D)	26' LT	14	298.83	293.80	0.350	1.72
91	STA. 576+00.00.00	49' LT	12	307.89	303.40	0.700	4.73
92	STA. 577+56.00.00	49' RT	14	301.65	295.50	0.270	1.82
93	STA. 579+94.00.00	61' RT	14	291.75	287.20	0.540	3.27

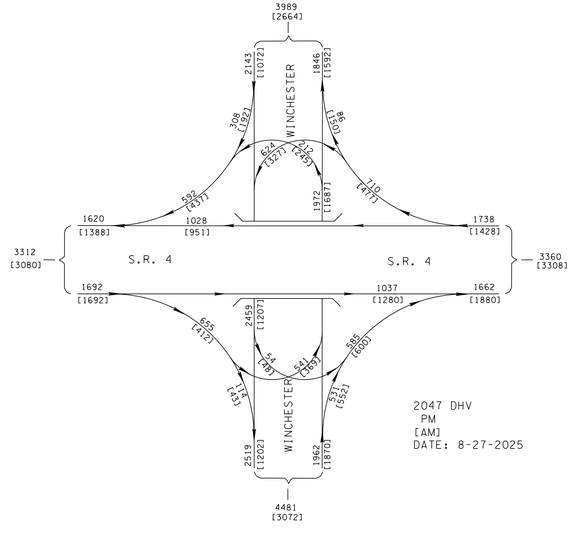
MANHOLES

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA. (FT.)	
95	90+90.00 (WN)	36' LT	3	299.46	288.00	4	

STORM DRAINAGE PIPE

FROM		TO		PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
CODE	ELEV.	CODE	ELEV.						
64	295.60	65	294.80	18	99	0.81	21.4	6.6	9.4
65	290.00	95	288.20	24	186	0.97	49.5	15.4	22.2
74	291.60	65	290.50	18	108	1.02	23.3	9.4	10.6
77	292.60	74	291.80	18	64	1.25	13.8	8.3	11.8
78	295.64	78A	295.30	18	30	1.13	6.5	2.4	11.2
78A	295.10	79	294.00	18	58	1.90	12.5	2.9	14.5
79	293.80	77	292.80	18	57	1.75	12.3	8.0	13.9
91	303.40	92	295.70	18	150	5.13	32.4	7.7	23.8
92	295.50	93	287.40	18	232	3.49	50.1	6.6	19.6
93	287.20	98	272.60	18	190	7.68	41.0	9.9	29.1
95	288.00	96	285.00	24	284	1.06	75.5	15.4	23.2





2047 DHV
PM
[AM]
DATE: 8-27-2025

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION: WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION: WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 567+00 TO STA. 580+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	11
PIH	2026	STP/NH-4(6)	11

REV. 1-15-21: REMOVED RET. WALL#7. REVISED PROP. ROW, SLOPES IN TR. 31 & 33. REVISED CONST. ESM'T FOR TR. 31, 33 & 41. REVISED TR. 30 & 32 TO TR. 26. REVISED TR. 36 TO TR. 34. ADDED PROP. DRIVEWAY FOR TR. 40. SURVEY UPDATE.
REV. 11-29-21: REVISED OWNER FOR TR. 42 REVISED CONST. ESM'T. FOR TR. 31 & & 33.
REV. 3-10-22: REVISED DRIVEWAY FOR TR. 42. REVISED CONST. ESM'T, ADDED CANOPY & COLUMNS AND A NOTE NOT TO DISTURB CANOPY & COLUMNS FOR TR. 39.
REV. 4-11-22: REVISED OWNER FOR TR. 34.
REV. 8-19-22: REVISED OWNER FOR TR. 34.
REV. 10-31-22: REVISED OWNER FOR TR. 5.
REV. 12-12-22: REVISED OWNER FOR TR. 41.
REV. 5-10-23: REMOVED PROP. DRIVEWAY WEST OF TR. 39.
REV. 8-30-23: REVISED PROP. DRIVEWAY FOR TR. 39.
REV. 11-15-23: REVISED OWNER FOR TR. 34.
REV. 7-15-25: ADDED TR. 34S, 35S, 39S & 40S.
REV. 7-28-25: REMOVED CONST. ESM'T FOR TR. 34S. SURVEY UPDATE PRIVATE SIGNS FOR TR. 35, 37, AND 39.
REV. 10-1-25: REVISED CONST/ ESM'T FOR TR. 33.
REV. 2-6-2026: ADDED D/W NOTE FOR TRACT 39S.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 580+00 TO STA. 593+00
SCALE: 1"= 50'

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BNSF RAILWAY COMPANY (5)

N 43° 10' 59" W
106.82'

CULBREATH DONALD L (TR)

(26S) (26)

S 52° 39' 08" W
406.08'

N 52° 31' 22" E
416.02'

20' DRAINAGE ESM'T

(26S) (26)

580+41.41
148.33'

PROP. ROW (CA) & FENCE

N30°58'45"W 107.76

CUT

580+37.66
85.78'

62.66'

17.63'

℄ RAMP C

581+47.59
130.00'

N 11° 51' 18" W
82.72'

END CA & FENCE
582+20.00
100'

FILL

EIP

47.76'

ORIGINAL ROW

N 37° 50' 38" W
107.21'

581+44.73
80.30'

CP-S35
MON79-04-35

GPS " 79-04-35
N 285914.6529
E 792756.0293
EL. 276.90
STA. 583+06.46
OFFSET 43.65' LT.

REFER TO SHEET 11A2 FOR "S" TRACT ACO.

(34) (34S)

EPRT TENNESSEE PROPERTIES L.L.C.

N 36° 26' 54" W
265.23'

PROP. ROW

N 37° 50' 38" W
249.37'

PRES. ROW

S 40° 23' 38" E
90.48'

584+84.47
70.00'

3.04'

RM-512690

584+84.25
66.96'

N 53° 25' 22" E
545.02'

585

REFER TO SHEET 11A2 FOR "S" TRACT ACO.

(34) (34S)

S 52° 32' 40" W
552.85'

PROP. ROW

179.50

CUT

586+63.75
65.78'

LEGEND:-

2020 PROP. ROW (CA) & FENCE

2020 PROP. ROW

2020 CONST. ESM'T

PERM. DRAINAGE ESM'T

GPS " 79-04-36
N 286343.2124
E 792375.4110
EL. 278.60
STA. 588+79.52
OFFSET 52.02' LT.

(38)

RAFAEL RAMIREZ

REFER TO DETAIL "C" PDE TRACT 38 SHEET 11A1

NOTE:
THE T.C.E. THAT PASSED 15' OFFSET FROM THE PROP. R.O.W. OR PASSED PROP. R.O.W. (CA) & FENCE ARE TO BE USED FOR THE DEMOLITION OF STRUCTURES ONLY.

590

PERM. DR. ESMT.

588+70.00
75.00'

588+70.00
64.41'

588+80.00
75.00'

588+80.00
64.35'

CONST. ESMT. (15' O/S)

CUT

CP-S36
MON79-04-36

N 40° 23' 38" W
461.00'

FILL

PRES. & PROP. ROW

591+25.34
75.00'

PERM. DR. ESMT.

591+14.00
75.00'

591+14.00
62.80'

591+34.00
62.67'

CONST. ESMT. (10' O/S)

N 40° 23' 38" W
460.43'

591+24.74
62.73'

N 52° 02' 51" E
514.80'

(41)

LAMAR STORAGE OWNER, LLC.

REFER TO DETAIL "D" PDE TRACT 38&41 SHEET 11A1

MATCHLINE STA 580+00 SEE SHEET 10A
MATCHLINE RAMP C STA 9+01.53 SEE SHEET 10A
MATCHLINE RAMP D STA 16+80.59 SEE SHEET 10E

MATCHLINE STA 593+00 SEE SHEET 12A

℄ S.R.4 (LAMAR AVE)

N 40°46'22" W

BEARING & DISTANCES
L1 N 42° 09' 50" E 21.46'
L2 N 40° 46' 22" W 10.82'

PRES. ROW

71.03'

EIP

N 40° 46' 22" W
221.03'

580+00.00
110.00'

FILL

86.15'

N 37° 26' 44" W

END CA & FENCE
580+86.00
115.00'

N 40° 46' 22" W
98.01'

PROP. ROW N 44° 55' 42" W
86.88'

207.00'

CONST. ESMT
(15' O/S)

581+84.01
115.00'

N 47° 39' 02" E
253.36'

582+70.66
108.70'

582+73.30
130.00'

L2

N 48° 12' 25" E
122.76'

582+84.12
130.00'

OM SHREE ARIA LLC

(31)

EIP 580+66.74
194.25'

N 00° 39' 44" W
65.88'

N 00° 39' 46" W
94.31''

182.33'

582+86.31
252.74'

(33)

CROWN INN, INC

581+89.02
297.26'

N 1° 08' 11" E
71.97'

581+38.87
255.01'

EIP

N 00° 28' 53" W
28.42'

N 00° 28' 53" W
172.84'

106.82'

582+10.70
315.64'

583+20.86
409.03'

N 85° 40' 02" W
234.50'

S 88° 24' 16" E
242.06'

582+82.41
378.43'

583+54.50
437.00'

N 01° 01' 12" W
43.76'

N 04° 05' 00" W
37.58'

584+56.14
519.94'

N 00° 32' 43" W
93.63'

584+25.95
497.48'

584+03.08
44.00'

EIP 65.00'

21.53'

N42°43'32"W
69.32'

584+68.08
44.00'

18.64'

N43°48'41"W 10.01'

206.96'

N 40° 46' 22" W
113.60'

17.48'

585+45.00
58.53'

584+67.63
62.64'

585+45.00
67.00'

N50°36'55"E
128.95'

583+98.35
65.00'

583+90.46
100.00'

584+64.95
172.91'

N 10° 36' 20" W
137.62'

583+44.33
304.82'

(35) (35S)

BUDGET INN, INC

REFER TO SHEET 11A2 FOR "S" TRACT ACO.

586+75.04
44.00'

EIP

N 40° 46' 22" W
211.40'

585+55.00
58.00'

585+55.00
67.00'

PERM. DR. ESMT.
CONST. ESMT.
(15' O/S)

THIRD VIRGINIA CORP

(37)

586+68.60
58.00'

CONST. ESMT.
(10' O/S)

64.71'

N 37° 13' 44" W

585+89.93
242.07'

REFER TO SHEET 11A2 FOR "S" TRACT ACO.

(39S)
(39)

NPV, LLC

NOTE:- DRIVEWAY LOCATED AT STATION 587+13.77 WAS REMOVED AS OF THE SETTLEMENT OF TRACT 39 ON 06/06/2023.

589+56.84
44.00'

EIP 15.41'

N 40° 46' 22" W
281.80'

PRES.ROW
21.78'

PROP.ROW
N 40° 17' 10" W
151.47'

588+80.00
58.00'

589+44.59
62.00'

CONST. ESMT.
(15' O/S)

REFER TO SHEET 11A2 FOR "S" TRACT ACO.

(40S)
(40)

IBEW JONNIE DAWSON CHARITABLE FOUNDATION

LIMIT OF CONST
MATCH EXIST.
STA 121+65 CLEARPOOL

591+04.70
44.00'

N 40° 46' 22" W
147.86'

590+96.00
58.00'

N 7° 04' 58" W
32.45'

591+23.00
76.00'

N 49° 31' 01" E
41.99'

591+22.79
117.99'

S 7° 08' 23" E
10.00'

591+31.11
123.53'

592+63.99
44.39'

592+16.36
85.66'

R=42.50'
L=91.71'

591+40.03
110.04'

R=92.50'
L=91.61'

S40°46'22"E
140.96'

592+51.00
60.00'

N 85° 04' 56" E
119.39'

RADWAN DEEK

(42)

591+81.07
156.76'

S 7° 08' 23" E
10.00'

591+72.74
151.23'

592+48.25
276.02'

591+38.36
202.91'

N 82° 51' 37" E
143.19'

℄ CLEARPOOL

N 82° 51' 37" E
PRES. ROW
100.16'

587+56.85
337.79'

S 82° 51' 37" W
110.56'

N 4° 00' 28" W
193.22'

589+11.64
453.45'

S 82° 51' 37" W
100.00'

N 13° 55' 42" E
305.86'

590+82.55
286.81'

(43)

IBEW LOCAL 1288

S 7° 08' 23" E
262.08'

(44)

IBEW LOCAL 1288

590+26.74
370.70'

S 7° 08' 23" E
261.49'

562+44.46
515.53'

N 83° 11' 53" E
100.76'

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	11A
PIH	2026	STP/NH-4(6)	11A

REV. 10-22-20: REVISED DISTANCE ON TR. 37
REV. 1-15-21: REVISED ACQUISITION ON TR. 31 & TR. 33. REVISED TR. 30 & 32 TO TR. 26. REVISED TR. 36 FOR TR. 34. REVISED CONST. ESM'T ON TR. 40 & TR. 41. ADDED DRIVEWAY & REVISED SLOPES FOR TR. 40
REV. 11-29-21: REVISED OWNER FOR TR. 42. REVISED CONST. ESMT. FOR TR. 31 & 33.
REV. 3-10-22: REVISED DRIVEWAY FOR TR. 42. REVISED CONST. ESM'T FOR TR. 39.
REV. 4-11-22: REVISED OWNER FOR TR. 34.
REV. 8-19-22: REVISED OWNER FOR TR. 34.
REV. 10-31-22: REVISED OWNER FOR TR. 5.
REV. 12-12-22: CORRECTED STA. 581+44.73 80.30' LT, STA. 581+89.02 297.26' RT. & 581+82.05 44.00' RT. REVISED OWNER FOR TR. 41
REV. 8-30-23: REVISED PROP. DRIVEWAY FOR TR. 39.
REV. 11-15-23: REVISED OWNER FOR TR. 34.
REV. 7-15-25: ADDED TR. 34S, 35S, 39S & 40S.
REV. 7-28-25: REMOVED CONST. ESM'T FOR TR. 34S.
REV. 10-1-25: REVISED CONST/ ESM'T FOR TR. 33.
REV. 2-6-2026: ADDED D/W NOTE FOR TRACT 39S.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 580+00 TO STA. 593+00
SCALE: 1"= 50'

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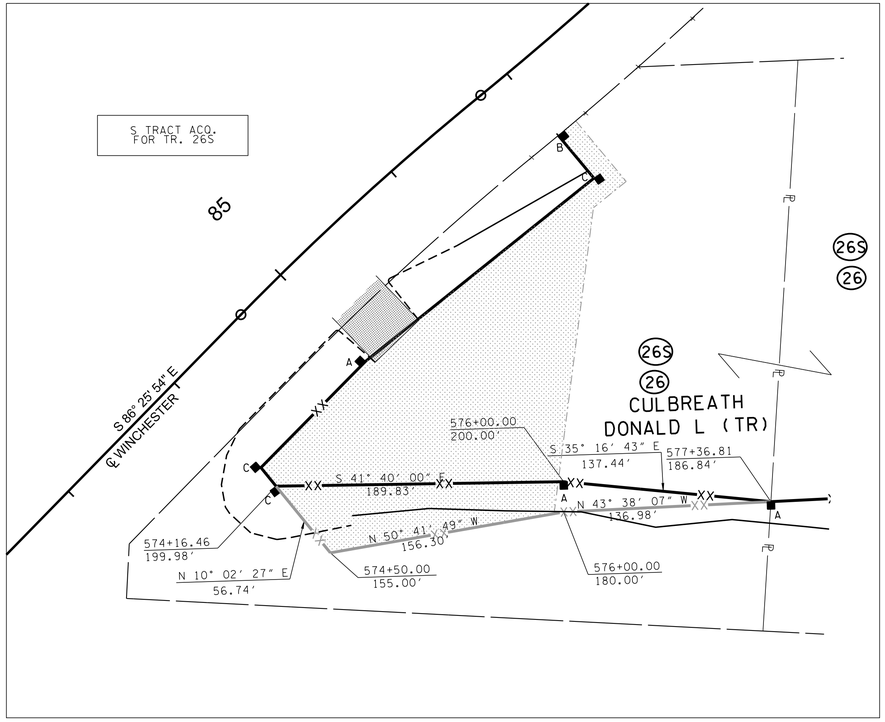
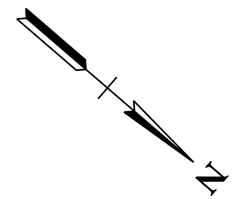
P:\0000_0100\007\8240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\011A row.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	11A1
PIH	2026	STP/NH-4(6)	11A1

REV. 10-22-20: REVISED DISTANCE ON TR. 37
REV. 1-15-21: REMOVED DETAIL "A" ON TR. 33
REV. 12-12-22: REVISED OWNER FOR TR. 41
REV. 7-15-25: ADDED TR. 26S.





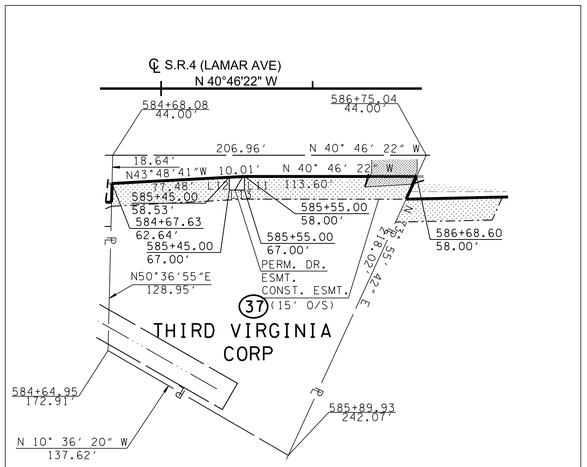
LEGEND:-

2020 PROP. ROW (CA) & FENCE

2020 PROP. ROW

2020 CONST. ESM'T

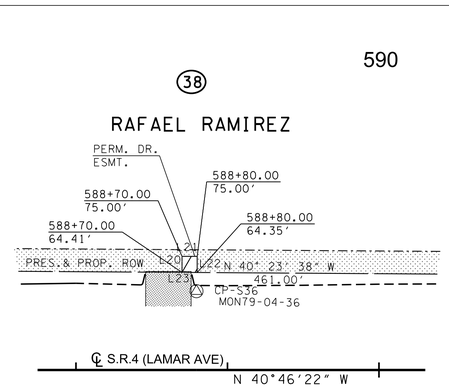
PERM. DRAINAGE ESM'T



BEARING & DISTANCES

L11 S49°13'38"W 9.00'
L12 N49°13'38"E 8.47'
L13 N40°46'22"W 10.00'

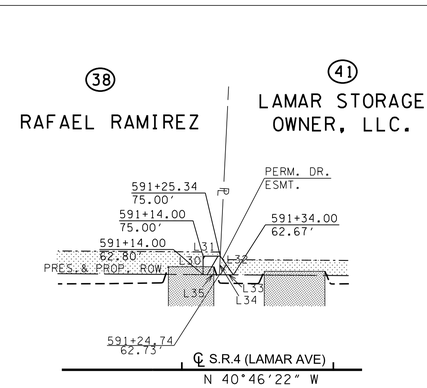
DETAIL "B"
PDE TRACT 37



BEARING & DISTANCES

L20 S49°13'38"W 10.59'
L21 N40°46'22"W 10.00'
L22 N49°13'38"E 10.65'
L23 S40°23'38"E 10.00'

DETAIL "C"
PDE TRACT 38



BEARING & DISTANCES

L30 N49°13'38"E 12.20'
L31 N40°46'22"W 11.34'
L32 N14°09'41"E 15.07'
L33 S40°23'38"E 9.26'
L34 S52°02'51"W 12.29'
L35 S40°23'38"E 10.74'

DETAIL "D"
PDE TRACT 38 & 41

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

DETAILS
SCALE: 1"= 50'

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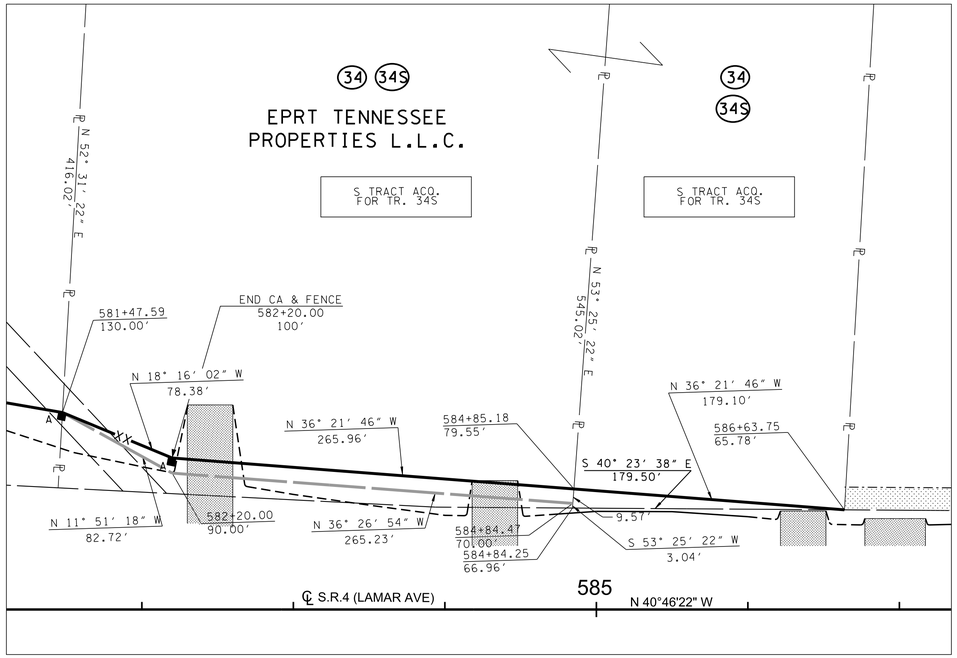
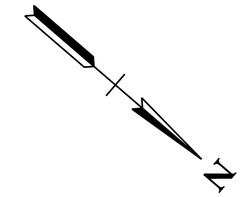
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\011A row.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	11A2
PIH	2026	STP/NH-4(6)	11A2

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 7-28-25: REMOVED CONST. ESM'T FOR TR. 34S.
REV. 2-6-2026: ADDED D/W NOTE FOR TRACT 39S.





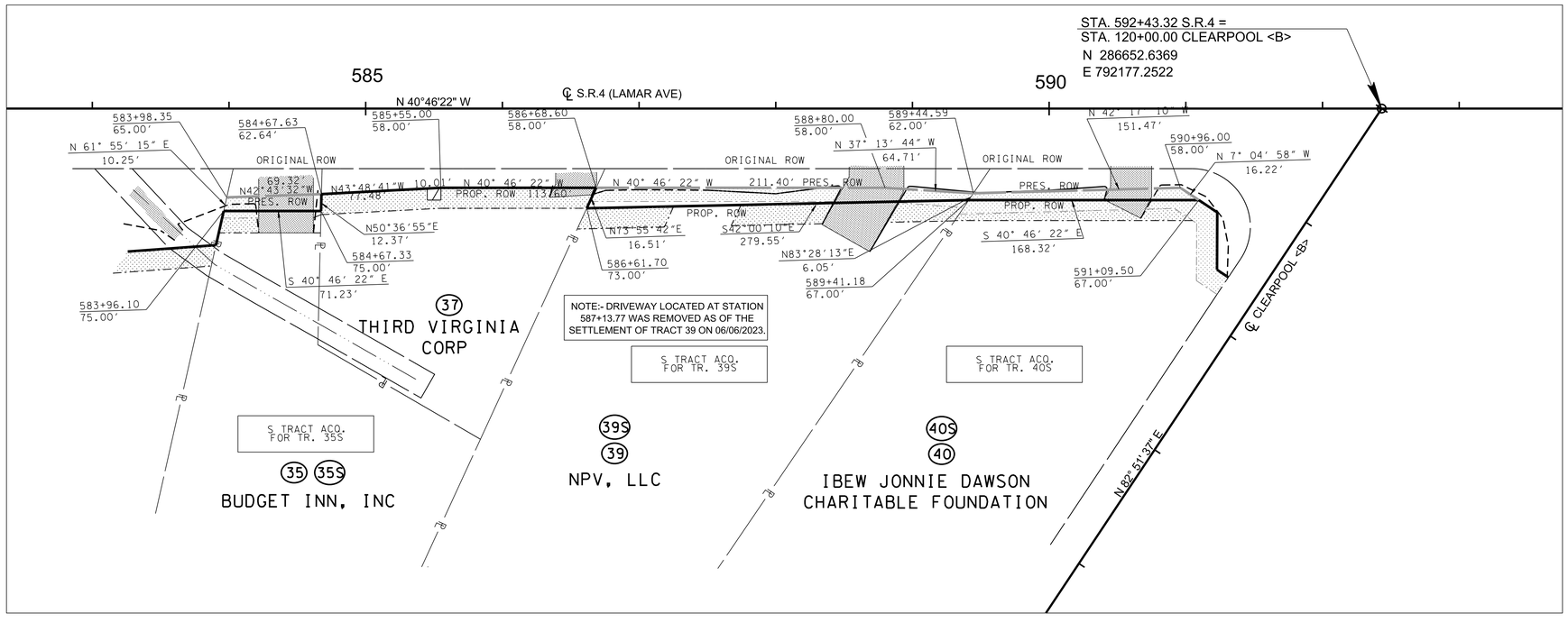
LEGEND:-

2020 PROP. ROW (CA) & FENCE

2020 PROP. ROW

2020 CONST. ESM'T

PERM. DRAINAGE ESM'T



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

DETAILS
SCALE: 1"= 50'

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P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\011A row.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	11B
PIH	2026	STP/NH-4(6)	11B

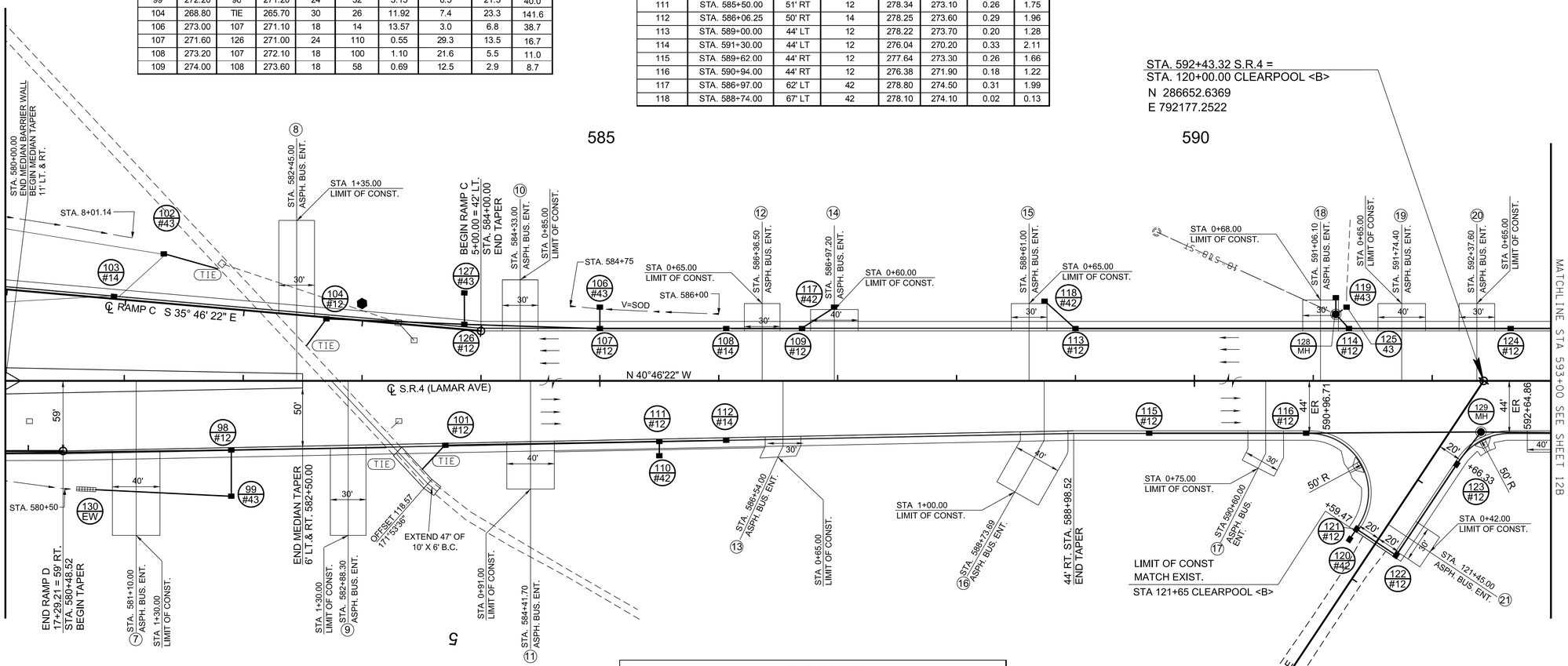
REV. 1-15-21: REMOVED RET. WALL#7.
REMOVED DRAINAGE 98A & 99A.
REVISED DRAINAGE 98 & 99.
ADDED PROP. DRIVEWAY AT STA. 590+60.
REV. 3-10-22: ADDED DRIVEWAY AT STA. 593+00.00.
REV. 5-10-23: REMOVED DRIVEWAY AT STA. 587+13.77.
REV. 8-30-23: REMOVED DRIVEWAY AT STA. 588+80.69 & ADDED DRIVEWAY AT STA. 588+73.69
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

STORM DRAINAGE PIPE

FROM		TO		PIPE DIA.	PIPE LENGTH	% GRADE	BEDDING MATERIAL	Q(DES)	Q(CAP)
CODE	ELEV.	CODE	ELEV.	(IN.)	(FT.)		(C.Y.)	(CF/S)	(CF/S)
98	271.00	TIE	266.00	24	128	3.91	34.0	33.5	44.7
112	273.60	111	273.30	18	51	0.59	11.0	2.0	8.1
111	273.10	101	271.70	18	175	0.80	37.8	5.2	9.4
110	273.50	111	273.30	18	8	2.50	1.7	1.4	16.6
101	271.50	TIE	267.00	18	25	18.00	5.4	7.1	44.6
103	283.80	102	269.60	18	51	27.84	11.0	10.7	55.5
102	267.70	TIE	265.80	36	49	3.88	15.0	57.8	131.1
90	289.70	103	284.20	18	185	2.97	40.0	7.7	18.1
87	272.70	102	268.10	36	314	1.46	96.1	66.4	80.6
93	287.20	98	272.60	18	190	7.68	41.0	9.9	29.1
99	272.20	98	271.20	24	32	3.13	8.5	21.3	40.0
104	268.80	TIE	265.70	30	26	11.92	7.4	23.3	141.6
106	273.00	107	271.10	18	14	13.57	3.0	6.8	38.7
107	271.60	126	271.00	24	110	0.55	29.3	13.5	16.7
108	273.20	107	272.10	18	100	1.10	21.6	5.5	11.0
109	274.00	108	273.60	18	58	0.69	12.5	2.9	8.7

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
98	STA. 581+90.00	58.16' RT	12	284.61	271.00	0.34	2.30
99	STA. 581+90	97' RT	43	277.00	272.20	4.19	21.30
101	STA. 583+70.00	54.20' RT	12	280.26	271.50	0.29	1.96
102	STA. 581+33.25	106.82' LT	43	273.60	267.70	0.42	1.49
103	STA. 580+91.35	71.01' LT	14	287.90	283.80	0.52	3.03
104	STA. 582+70.00	52.2' LT	12	286.61	269.80	0.30	2.03
106	STA. 585+00.00	62' LT	43	277.50	273.00	1.20	6.82
107	STA. 585+00.00	44' LT	12	278.79	271.60	0.15	1.01
108	STA. 586+06.25	44' LT	14	278.36	273.20	0.41	2.63
109	STA. 586+70.00	44' LT	12	278.52	274.00	0.13	0.88
110	STA. 585+50.00	63' RT	42	278.00	273.50	0.22	1.48
111	STA. 585+50.00	51' RT	12	278.34	273.10	0.26	1.75
112	STA. 586+06.25	50' RT	14	278.25	273.60	0.29	1.96
113	STA. 589+00.00	44' LT	12	278.22	273.70	0.20	1.28
114	STA. 591+30.00	44' LT	12	276.04	270.20	0.33	2.11
115	STA. 589+62.00	44' RT	12	277.64	273.30	0.26	1.66
116	STA. 590+94.00	44' RT	12	276.38	271.90	0.18	1.22
117	STA. 586+97.00	62' LT	42	278.80	274.50	0.31	1.99
118	STA. 588+74.00	67' LT	42	278.10	274.10	0.02	0.13



ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
130	STA. 580+76 (91.57' RT)	SEW	75	282.26	24

STORM DRAINAGE PIPE

FROM		TO		PIPE DIA.	PIPE LENGTH	% GRADE	BEDDING MATERIAL	Q(DES)	Q(CAP)
CODE	ELEV.	CODE	ELEV.	(IN.)	(FT.)		(C.Y.)	(CF/S)	(CF/S)
126	270.50	104	270.00	30	112	0.45	31.7	21.2	27.4
127	271.70	126	271.50	18	23	0.87	5.0	6.7	9.8
113	273.70	114	271.20	18	226	1.11	48.8	1.4	11.1
128	271.00	114	270.70	24	11	2.73	2.9	28.8	37.3
114	270.20	124	269.30	30	132	0.68	37.4	31.0	33.9
115	273.30	116	272.10	18	128	0.94	27.6	1.6	10.2

MANHOLES

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA. (FT.)	
128	STA. 591+19.00	56' LT	3	276.60	271.00	6	
129	STA. 592+41.00	43' RT	3	275.21	268.90	5	

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
119	STA. 591+19	70' LT	43	275.60	271.50	1.08	7.29
120	STA. 121+73 (CLEARPOOL)	20' RT	42	274.00	271.00	0.75	2.67
121	STA. 121+63 (CLEARPOOL)	20' RT	12	275.56	270.70	0.25	1.69
122	STA. 121+63 (CLEARPOOL)	20' LT	12	275.56	270.30	0.08	0.54
123	STA. 120+71 (CLEARPOOL)	20' LT	12	275.01	269.60	0.06	0.40
124	STA. 592+66	44' LT	12	274.89	268.80	0.18	1.22
125	STA. 591+28	62' LT	43	275.80	271.50	0.21	1.42
126	STA. 583+86	47.56' LT	12	281.12	270.50	0.16	1.08
127	STA. 583+86	74' LT	43	276.00	271.70	1.10	6.64

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION: WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION: WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 580+00 TO STA. 593+00
SCALE: 1"= 50'

PLAN IN HAND

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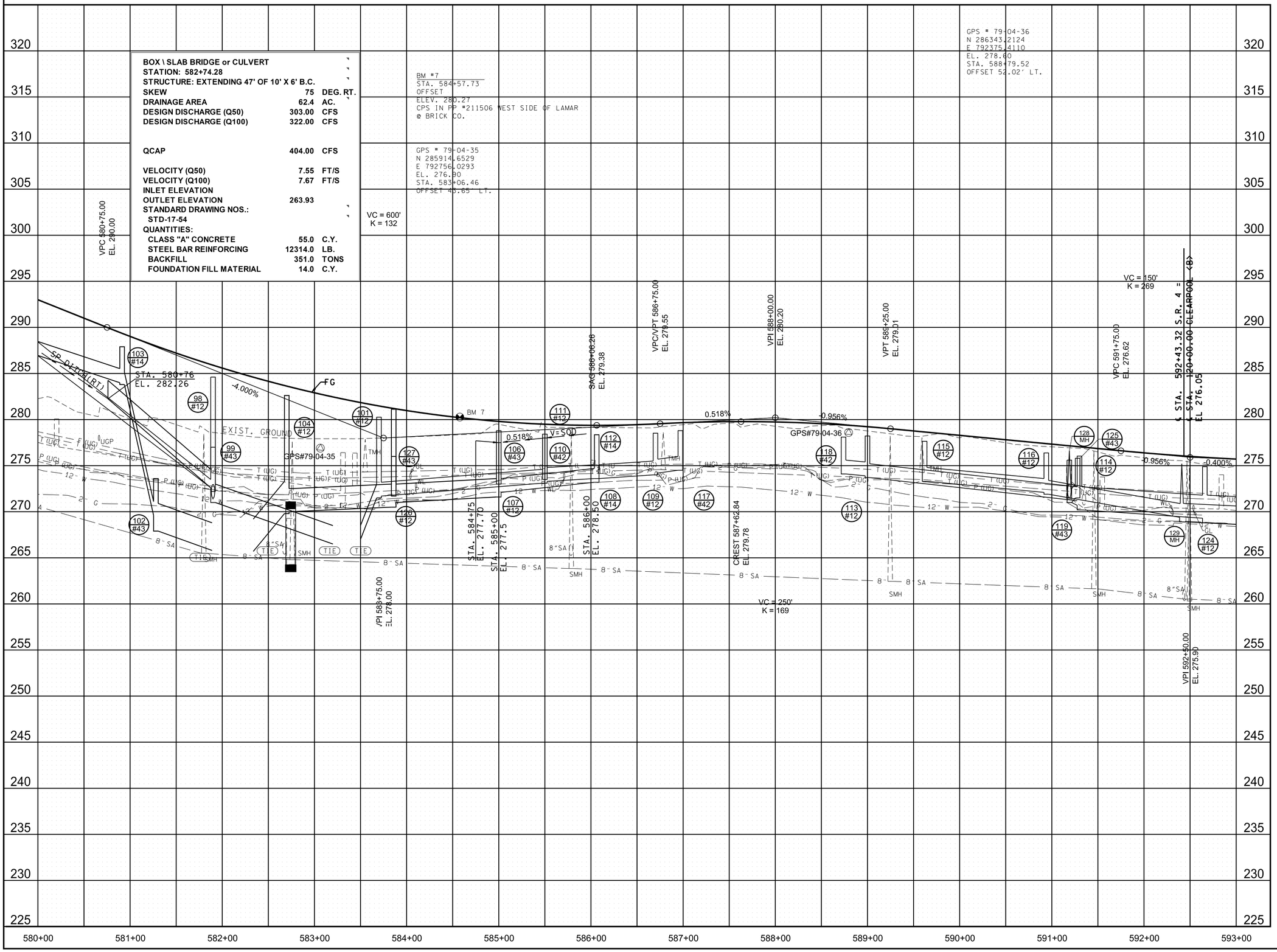
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	11C
PIH	2026	STP/NH-4(6)	11C

REV. 1-15-21: REVISED DRAINAGE 98 & 99. REMOVED RET. WALL #7. ADDED FIBER OPTIC LINES.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 580+00 TO STA. 593+00

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	12
PIH	2026	STP/NH-4(6)	12

REV. 1-15-21: REVISED CONST. ESM'T ON TR. 41. SURVEY UPDATE.
REV. 11-29-21: REVISED OWNER FOR TR. 42 REVISED STA. ON END PROJ. FOR ROW
REV. 1-6-22: REVISED DRIVEWAY FOR TR. 42
REV. 3-10-22: REVISED DRIVEWAY FOR TR. 42.
REV. 5-10-22: ADDED SPECIAL NOTE FOR TR. 51.
REV. 10-31-22: REVISED OWNER FOR TR. 5.
REV. 12-12-22: REVISED OWNER FOR TR. 41.
REV. 8-30-23: ADDED EMERGENCY ACCESS GATE TO TRACT 46.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

GPS = 79-04-37
N 286990.6527
E 791965.6582
EL. 272.41
STA. 596+37.13
OFFSET 60.71' RT.

GPS = 79-04-38
N 287208.4925
E 791581.4060
EL. 274.98
STA. 600+55.58
OFFSET 79.46' LT.

℄ LAMAR AVE
PI 597+18.71
N 287,012.6552
E 791,866.7898
Δ 1° 29' 45" (LT)
D 0° 30' 00"
R 11,459.16
L 299.14
T 149.58
SE NC
DESIGN SPEED 50 MPH
TRANS. LENGTH 000

LEGEND	WETLAND IMPACTS (WTL-13)
	AREA OF PERMANENT IMPACT = 0.006 AC. (264 S.F.)
	VOLUME OF PERMANENT IMPACT = 10 C.Y.

BNSF RAILWAY COMPANY
INV-269.91
24" RCP
INV-270.85
(5)
(41) LAMAR STORAGE OWNER, LLC.
(42)
(45) RADWAN DEEK
(46) WILLOW WYCK LIMITED PARTNERSHIP
(50) VP MEMPHIS, LLC
(51) ROBERT J WILSON, TRUSTEE, NELDA D. WILSON SPOUSAL ACCESS TRUST
(54) BERMAR ASSOCIATES-IV LLC
595
600
145
150
MATCHLINE STA 593+00 SEE SHEET 11
MATCHLINE STA 151+00 SEE SHEET 12D
LIMIT OF CONST MATCH EXIST. STA 143+75 GETWELL
LIMIT OF CONST MATCH EXIST. STA 2+55 RAMP B
LIMIT OF CONST MATCH EXIST. STA 11+20 RAMP A
LIMIT OF CONST MATCH EXIST. STA 8+45 RAMP C
N 27° 33' 59" E
N 27° 03' 59" E
N 40° 46' 22" W
N 49° 10' 35" E
S 34° 20' 58" W
℄ S.R.4
℄ GETWELL RD
℄ RAMP B
℄ RAMP A
℄ RAMP C
PT 598+68.27(S.R.4)
PC 595+69.13(S.R.4)
STA. 147+47.40 BEG. BRI
STA. 148+70.40 END BRI
STA. 598+20.11 S.R.4 = STA. 148+08.91 GETWELL
N 287087.6366
E 791798.5003
STR-12 TOB
STR-12
PROP. ROW (CA) & FENCE
PRES. ROW (CA) & FENCE
END PROP. (CA) & FENCE
FILL
GATE
12 PARKING SPACES
6 PARKING SPACES
9 PARKING SPACES
22 PARKING SPACES
ISLAND SUITES
45 BR (CA)
INV-268.37 TO BE E.W. REMOVED
TOP - 271.80
OUT - 269.34
TOP - 272.89
IN - 269.29
OUT - 269.27
PLAYGROUND
PLANTERS
15' CONST. ESM'T
10' CONST. ESM'T
PRES. ROW
PROP. ROW
STORAGE ISB
STORAGE BLDG
CHAIN LINK FENCE
IRON FENCE
PROP. 30' EXTENSION
TO REMAIN
TO BE REMOVED
78 AUTO 3902 LAMAR
PRES. (CA) & PROP. ROW (CA) & FENCE
BM-S12706
BM-S126866
CP-S38
CP-S39
MON79-04-37
MON79-04-38
INLET SHOWN PER PLAN (TO BE REMOVED)
DMH TOP-274.02 FLin(W)-268.99 FLin(N)-264.29 FLout(S)-264.21 (TO BE REMOVED)
INLET TOP-272.86 FLout(N)-268.34 (TO BE REMOVED)
INLET TOP-273.14 FLin(N)-264.90 FLout(S)-264.84 (TO BE REMOVED)
INLET TOP-272.70 FULL (TO BE REMOVED)
INLET TOP-273.02 FLin(N)-269.07 FLout(SW)-268.99 (TO BE REMOVED)
INLET TOP-272.25 FLout(S)-268.53 (TO BE REMOVED)
INLET TOP-272.58 FLin(N)-268.16 FLout(S)-268.13 (TO BE REMOVED)
DMH TOP-273.92 FLin(S)-266.98 FLout(NE)-266.73 (TO BE REMOVED)
DMH TOP-274.26 FLin(E)-268.08 FLin(N)-267.54 FLin(W)-268.64 FLout(S)-267.70 (TO BE REMOVED)
INLET TOP-272.90 FLin(N)-269.63 FLout(S)-269.43 (TO BE REPLACED)
SMH TOP-272.73 FLin(E)-263.59 FLout(SW)-263.34
SMH TOP-272.96 FLin(NE)-263.26 FLin(N)-262.50 FLout(W)-262.25
INLET TOP-270.24 FLin(N)-266.19 FLout(E)-266.12
INLET TOP-271.61 FLin(S)-268.01 FLout(E)-267.41
INLET TOP-271.01 FLin(S)-266.05 FLout(N)-265.85
INLET TOP-271.21 FLout(N)-268.16
INLET TOP-271.71 FLin(E)-265.67 FLin(W)-266.17 FLin(S)-266.17 FLout(N)-265.65
INLET TOP-271.74 FLin(W)-267.06 FLout(N)-266.08
INLET TOP-271.25 FLin(NW)-266 FLout(S)-266
INLET W.V. TOP-272.86 FLout(N)-268.34 (TO BE REMOVED)
INLET TOP-272.70 FULL (TO BE REMOVED)
INLET TOP-272.58 FLin(N)-268.16 FLout(S)-268.13 (TO BE REMOVED)
INLET TOP-272.25 FLout(S)-268.53 (TO BE REMOVED)
INLET TOP-272.90 FLin(N)-269.63 FLout(S)-269.43 (TO BE REPLACED)
INLET TOP-271.21 FLout(N)-268.16
INLET TOP-271.74 FLin(W)-267.06 FLout(N)-266.08
INLET TOP-271.25 FLin(NW)-266 FLout(S)-266
STA. 595+82 BEING STR-12 IMPACT
STA. 596+24 END STR-12 IMPACT
STA. 595+15 O/S 75 FT
STA. 595+35 O/S 77 FT
XPULSE
XPULSE
XPULSE

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	12A
PIH	2026	STP/NH-4(6)	12A

REV. 10-22-20: REVISED BEARING ON TR. 42, TR. 50 & TR. 51
REV. 1-15-21: UPDATED MATCH LINE SHT. NO. TO 12E. REVISED CONST. ESM'T ON TR. 41.
REV. 11-29-21: REVISED OWNER FOR TR. 42. REVISED STA. ON END PROJ. FOR ROW
REV. 1-6-22: REVISED LENGTH IN BETWEEN STA. 594+65.69 AND STA. 594+03.42 FOR TR. 42.
REV. 3-10-22: REVISED DRIVEWAY FOR TR. 42.
REV. 5-10-22: ADDED SPECIAL NOTE FOR TR. 51.
REV. 10-31-22: REVISED OWNER FOR TR. 5.
REV. 12-12-22: REVISED OWNER FOR TR. 41.
REV. 8-30-23: ADDED EMERGENCY ACCESS GATE TO TRACT 46.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

BNSF RAILWAY COMPANY R.R. ROW (5)

GPS # 79-04-37
N 286990.6527
E 791965.6582
EL. 272.41
STA. 596+37.13
OFFSET 60.71' RT.

GPS # 79-04-38
N 287208.4925
E 791581.4060
EL. 274.98
STA. 600+55.58
OFFSET 79.46' LT.

79020-2253-14
END PROJECT STP/NH-4(6) R.O.W.
@ STA. 601+99.93 S.R.4 (LM 5.34)
N 287368.7707
E 791543.1063

STA. 598+20.11 S.R.4 =
STA. 148+08.91 GETWELL
N 287087.6366
E 791798.5003

(41) 595
LAMAR STORAGE OWNER, LLC.

(42) 596
RADWAN DEEK

(45) 597
WILLOW WYCK LIMITED PARTNERSHIP

(46) 598
VP MEMPHIS, LLC

(50) 600
BERMAR ASSOCIATES-IV LLC

(54) 601
ROBERT J WILSON, TRUSTEE, NELDA D. WILSON SPOUSAL ACCESS TRUST

(51) 602
SA HOSPITALITY INC

END PROJECT PLAN-IN-HAND
℄ STA. 601+84.92 S.R.4 (LM 5.34)
N 287357.6582
E 791553.2068

LIMIT OF CONST MATCH EXIST. STA 143+75 GETWELL

LIMIT OF CONST MATCH EXIST. STA 2+55 RAMP B

LIMIT OF CONST MATCH EXIST. STA 11+20 RAMP A

LIMIT OF CONST MATCH EXIST. STA 8+45 RAMP C

STA. 147+47.40 BEG. BRI

STA. 148+70.40 END BRI

PT 598+68.27(S.R.4)

PC 595+69.13(S.R.4)

℄ S.R.4 (LAMAR AVE)

℄ S.R.176 (GETWELL RD)

℄ RAMP A

℄ RAMP B

℄ RAMP C

MATCHLINE STA 593+00 SEE SHEET 11A

MATCHLINE STA 151+00 SEE SHEET 12E

NOTE: PROP. ROW (CA) & FENCE FOR TRACT 50 SHOULD TIE BACK TO EX. FENCE

NOTE: TR. 51 CONTROLLED ACCESS FENCE NEEDS TO BE 6 FOOT CHAIN LINK FENCE WITH 3-STRANDS OF BARBED WIRE ON TOP.

1 A 20 FEET EMERGENCY ACCESS GATE TO BE INSTALLED ALONG THE PROP. ROW (CA) & FENCE APPROXIMATELY FROM STA. 595+15 O/S 75 FT TO STA. 595+35 O/S 77 FT

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 593+00 TO END
SCALE: 1"= 50'

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P:\0000_0100\007824\0020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\012A row.sht

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
131	STA. 594+20	44' LT	12	274.21	267.85	0.19	1.32
132	STA. 595+70	44' LT	12	273.62	266.85	0.19	1.32
133	STA. 597+20	44' LT	12	273.59	264.80	0.01	0.50
134	STA. 596+50	44' LT	14	273.49	264.10	0.25	1.53
135	STA. 593+49	44' RT	12	274.49	268.20	0.17	1.18
136	STA. 594+48	44' RT	12	274.10	267.50	0.14	0.97
137	STA. 595+72	56' RT	12	273.37	266.60	0.17	1.18
138	STA. 597+62	44' RT	12	273.74	265.90	0.19	1.02
139	STA. 596+19.50	56' RT	12	273.27	265.05	0.08	0.56
140	STA. 11+20 (RAMP A)	20' LT	14	272.86	267.00	0.27	1.79
141	STA. 11+20 (RAMP A)	20' RT	14	272.86	265.50	0.29	1.94
142	STA. 598+80	44' LT	12	274.13	265.80	0.08	0.49
143	STA. 2+15 (RAMP B)	2.21' RT	14	275.28	267.50	0.56	3.02
144	STA. 1+78 (RAMP B)	11.97' RT	12	274.67	267.10	0.07	0.47
145	STA. 599+90	56' LT	12	273.69	268.50	0.15	1.02
146	STA. 8+47 (RAMP C)	2' RT	12	273.93	269.70	0.59	2.88
147	8+96.16 (RAMP C)	2.27' RT	14	273.70	269.10	0.16	1.09
148	8+96.16 (RAMP C)	26' LT	12	274.09	268.70	0.05	0.25

MANHOLES AND JUNCTION BOXES

CODE	LOCATION	OFFSET	STRUCTURE TYPE	TOP ELEV.	INV. ELEV.	DIA.	
153	STA. 599+26	56' LT	3	274.01	266.70	5' DIA	
154	STA. 599+48	43' RT	3	274.23	267.90	5' DIA	

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
149	STA. 144+58 GETWELL)	28' RT	12	300.24	295.20	0.28	1.96
150	STA. 144+58 (GETWELL)	28' LT	12	300.24	295.50	0.23	1.63
151	STA. 146+22 (GETWELL)	28' RT	12	299.16	293.00	0.13	0.99
152	STA. 146+22 (GETWELL)	28' LT	12	299.40	294.20	0.13	0.87
156	STA. 9+26 (RAMP C)	16.3' RT	12	273.62	268.40	0.13	1.00

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION:
WIDTH IS MEASURED TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION:
WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION AND CONSTRUCTION EQUIPMENT WILL NOT ENTER ANY NON-IMPACTED PORTION OF STR-12 & WTL-13 AND THAT ANY NON-IMPACTED PORTION OF STR-12 & WTL- 13 AND SURROUNDING VEGETATION WILL NOT BE DISTURBED, EXCEPT AT PERMITTED LOCATIONS.

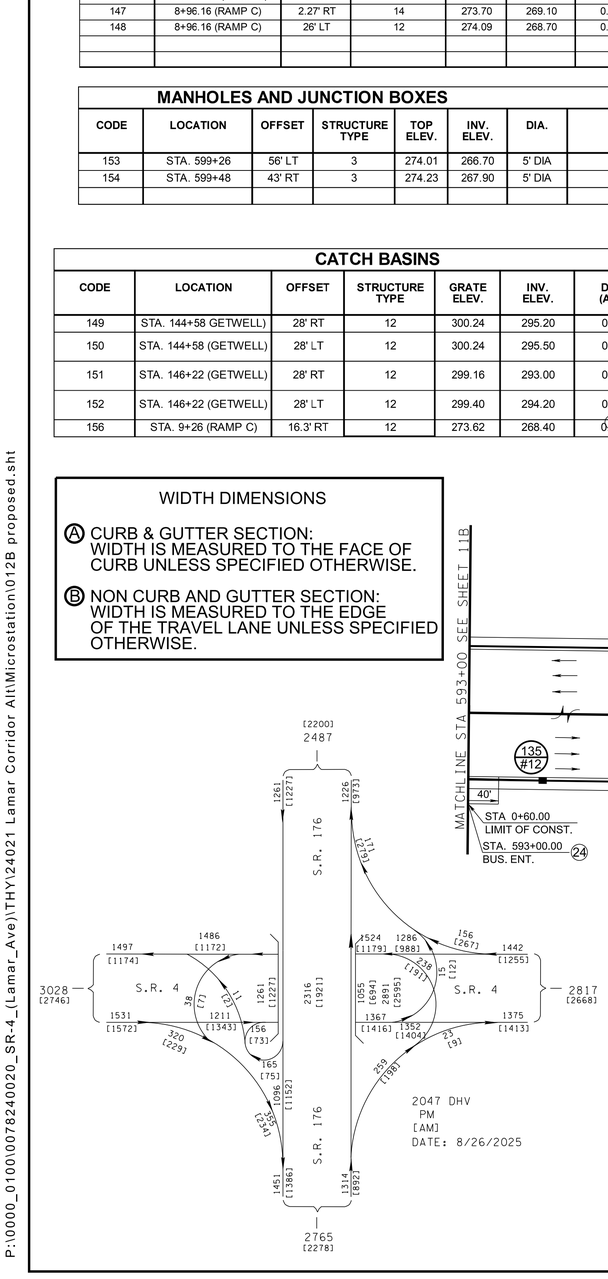
THE STREAM CHANNEL SHALL BE CONSTRUCTED SO THAT IT ALIGNS WITH A SINGLE BARREL OF THE STREAM CONVEYANCE STRUCTURE. THE STREAM AT THE INLET AND OUTLET OF PROPOSED STREAM CONVEYANCE STRUCTURES SHALL BE RESTORED TO THE PRECONSTRUCTION STREAM CHANNEL CROSS-SECTION MATCHING THE CHANNEL BOTTOM WIDTH WITH BANK BY USING THE EXCAVATED STREAM AND STREAM BANK MATERIALS, OR OTHER MATERIALS IF SPECIFIED, ONCE THE CONSTRUCTION OF THE STREAM CONVEYANCE STRUCTURE IS COMPLETE. WHEN RECONSTRUCTING THE STREAM BANK, USE A COIR FIBER ROLL AT THE TOE OF THE BANK TO PROVIDE BANK STABILITY WHILE NATIVE VEGETATION ESTABLISHES. STANDARD DRAWING D-NSD-33 MUST BE USED FOR COIR FIBER ROLL INSTALLATION. THE BANK HEIGHT SHOULD BE CONSTRUCTED ONE (1) FOOT HIGHER THAN THE STREAM BED AT THE CULVERT WITH THE ADDITIONAL FOOT OF MATERIAL INSTALLED IN THE BARREL(S) OF THE STRUCTURE THAT DO NOT CONVEY THE NORMAL STREAM FLOW. THE ADDITIONAL MATERIAL IN THE ADJACENT BARREL(S) WILL PREVENT NORMAL STREAM FLOW FROM ENTERING THE (THOSE) BARREL(S). TAPER THE ONE-FOOT BANK HEIGHT FROM THE CULVERT TO THE EXISTING BANK HEIGHT WITHIN 25 FEET OF BOTH ENDS OF THE STRUCTURE TO TIE BACK TO THE EXISTING STREAM CHANNEL BANK. STREAM BANK MATERIALS EXCAVATED DURING THE CONSTRUCTION OF THE STREAM CONVEYANCE STRUCTURE, OR OTHER MATERIALS IF SPECIFIED, SHOULD BE USED WHEN RECONSTRUCTING THE STREAM BANK ONCE THE STRUCTURE IS COMPLETE. NATIVE SEED MIXTURES AS SPECIFIED IN STANDARD DRAWING STD-17-20 SHALL BE PLANTED ONCE THE BANK CONSTRUCTION IS COMPLETE.

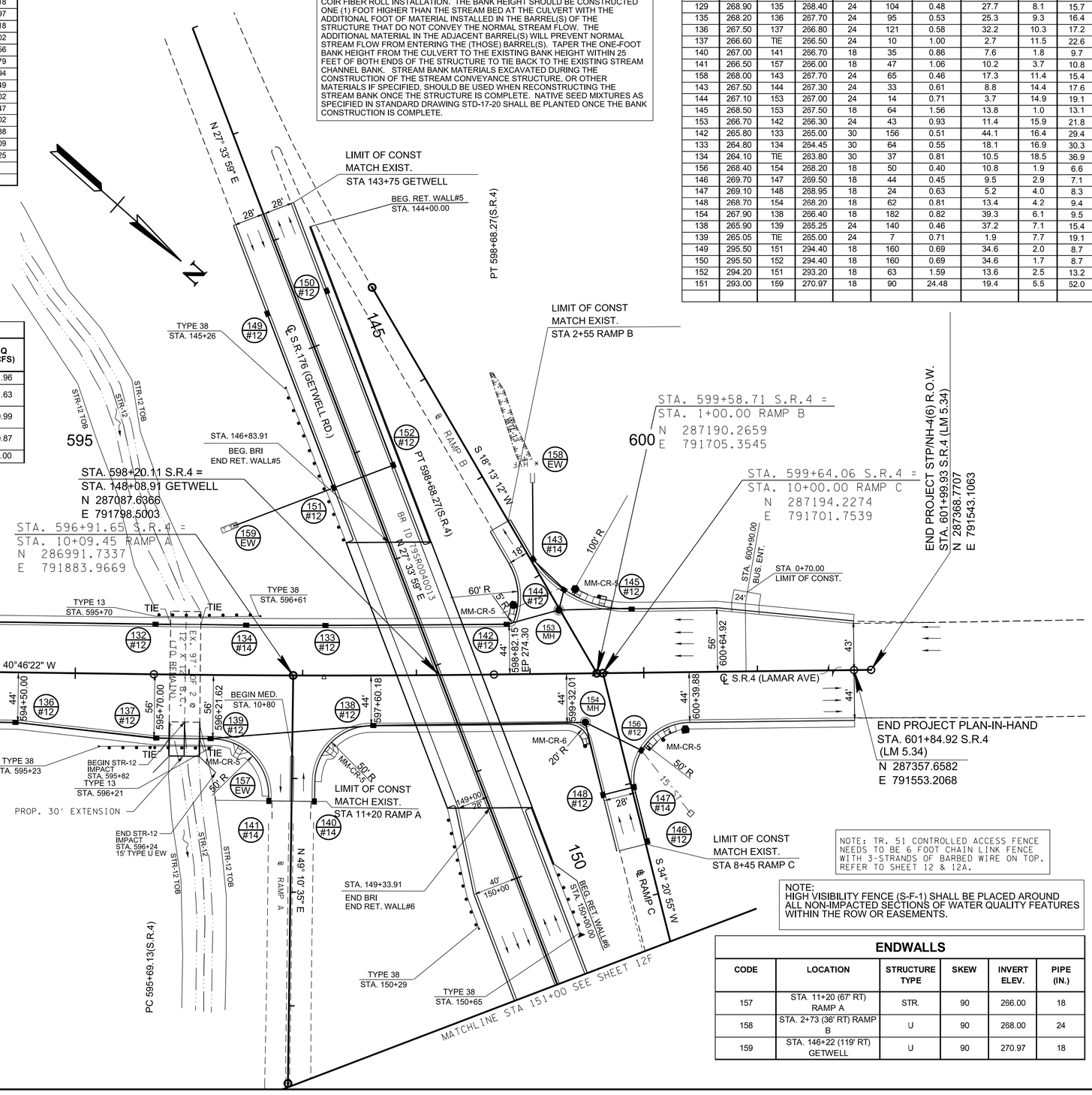
STORM DRAINAGE PIPE

FROM		TO		PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
CODE	ELEV.	CODE	ELEV.						
124	268.80	131	268.05	36	150	0.50	45.3	32.2	47.1
131	267.85	132	267.05	36	150	0.53	45.3	33.5	48.6
132	266.85	TIE	266.70	36	12	1.25	3.6	34.8	74.5
129	268.90	135	268.40	24	104	0.48	27.7	8.1	15.7
135	268.20	136	267.70	24	95	0.53	25.3	9.3	16.4
136	267.50	137	266.80	24	121	0.58	32.2	10.3	17.2
137	266.60	TIE	266.50	24	10	1.00	2.7	11.5	22.6
140	267.00	141	266.70	18	35	0.86	7.6	1.8	9.7
141	266.50	157	266.00	18	47	1.06	10.2	3.7	10.8
158	268.00	143	267.70	24	65	0.46	17.3	11.4	15.4
143	267.50	144	267.30	24	33	0.61	8.8	14.4	17.6
144	267.10	153	267.00	24	14	0.71	3.7	14.9	19.1
145	268.50	153	267.50	18	64	1.56	13.8	1.0	13.1
153	266.70	142	266.30	24	43	0.93	11.4	15.9	21.8
142	265.80	133	265.00	30	156	0.51	44.1	16.4	29.4
133	264.80	134	264.45	30	64	0.55	18.1	16.9	30.3
134	264.10	TIE	263.80	30	37	0.81	10.5	18.5	36.9
156	268.40	154	268.20	18	50	0.40	10.8	1.9	6.6
146	269.70	147	269.50	18	44	0.45	9.5	2.9	7.1
147	269.10	148	268.95	18	24	0.63	5.2	4.0	8.3
148	268.70	154	268.20	18	62	0.81	13.4	4.2	9.4
154	267.90	138	266.40	18	182	0.82	39.3	6.1	9.5
138	265.90	139	265.25	24	140	0.46	37.2	7.1	15.4
139	265.05	TIE	265.00	24	7	0.71	1.9	7.7	19.1
149	295.50	151	294.40	18	160	0.69	34.6	2.0	8.7
150	295.50	152	294.40	18	160	0.69	34.6	1.7	8.7
152	294.20	151	293.20	18	63	1.59	13.6	2.5	13.2
151	293.00	159	270.97	18	90	24.48	19.4	5.5	52.0

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	12B
PIH	2026	STP/NH-4(6)	12B

REV. 1-15-21: UPDATED MATCH LINE SHT. NO. TO 12F.
REV. 11-29-21: REVISED STA. ON END PROJ. FOR ROW.
REV. 1-6-22: REMOVED DRIVEWAY AT STA. 594+21.00 & ADDED DRIVEWAY AT STA. 593+75.00.
REV. 3-10-22: REMOVED DRIVEWAY AT STA. 593+75.00 & ADDED DRIVEWAY AT STA. 593+00.00.
REV. 5-10-22: ADDED SPECIAL NOTE FOR TR. 51.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL #5 & 6. REVISED BRIDGE STATIONING.





NOTE: TR. 51 CONTROLLED ACCESS FENCE NEEDS TO BE 6 FOOT CHAIN LINK FENCE WITH 3-STRANDS OF BARBED WIRE ON TOP. REFER TO SHEET 12 & 12A.

NOTE:
HIGH VISIBILITY FENCE (S-F-1) SHALL BE PLACED AROUND ALL NON-IMPACTED SECTIONS OF WATER QUALITY FEATURES WITHIN THE ROW OR EASEMENTS.

ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
157	STA. 11+20 (67' RT) RAMP A	STR.	90	266.00	18
158	STA. 2+73 (36' RT) RAMP B	U	90	268.00	24
159	STA. 146+22 (119' RT) GETWELL	U	90	270.97	18

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 593+00 TO END
SCALE: 1"= 50'

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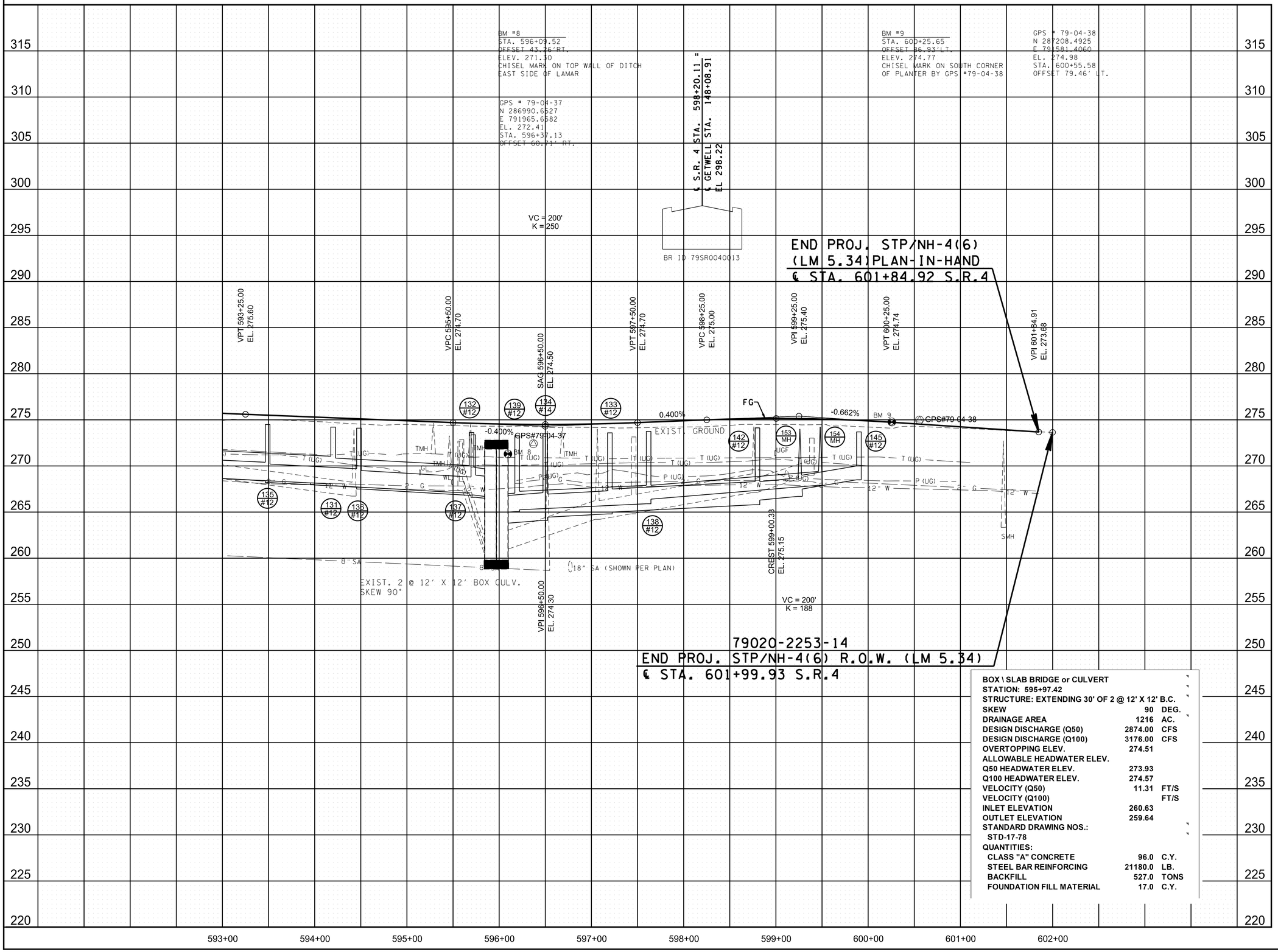
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	12C
PIH	2026	STP/NH-4(6)	12C

REV. 11-29-21: REVISED STA. ON END PROJ. FOR ROW
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



BOX \ SLAB BRIDGE or CULVERT		
STATION: 595+97.42		
STRUCTURE: EXTENDING 30' OF 2 @ 12' X 12' B.C.		
SKEW	90	DEG.
DRAINAGE AREA	1216	AC.
DESIGN DISCHARGE (Q50)	2874.00	CFS
DESIGN DISCHARGE (Q100)	3176.00	CFS
OVERTOPPING ELEV.	274.51	
ALLOWABLE HEADWATER ELEV.		
Q50 HEADWATER ELEV.	273.93	
Q100 HEADWATER ELEV.	274.57	
VELOCITY (Q50)	11.31	FT/S
VELOCITY (Q100)		FT/S
INLET ELEVATION	260.63	
OUTLET ELEVATION	259.64	
STANDARD DRAWING NOS.:		
STD-17-78		
QUANTITIES:		
CLASS "A" CONCRETE	96.0	C.Y.
STEEL BAR REINFORCING	21180.0	LB.
BACKFILL	527.0	TONS
FOUNDATION FILL MATERIAL	17.0	C.Y.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 593+00 TO END

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

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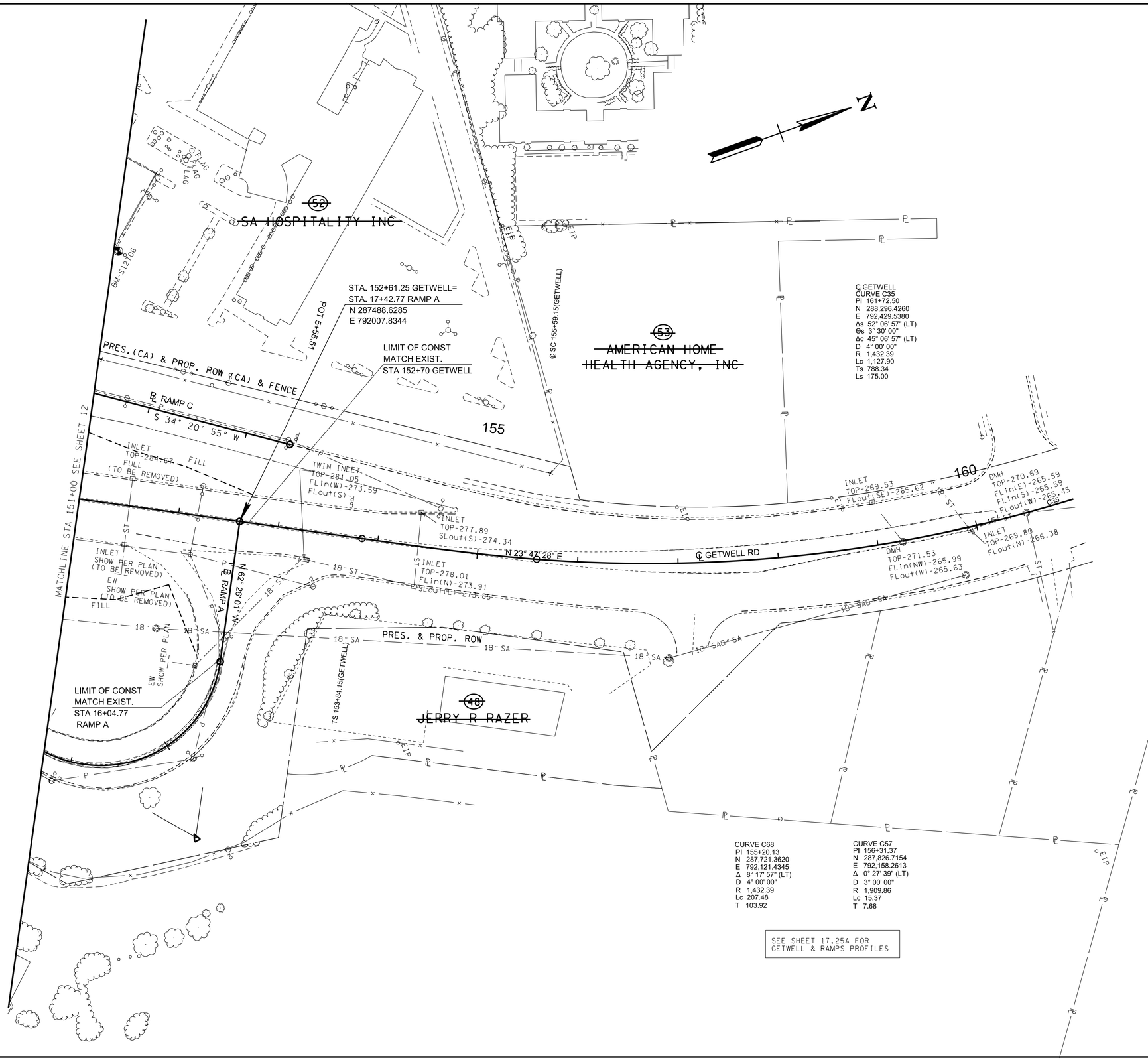
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	12D
PIH	2026	STP/NH-4(6)	12D

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 151+00 TO LIMIT OF CONST
SCALE: 1"= 50'

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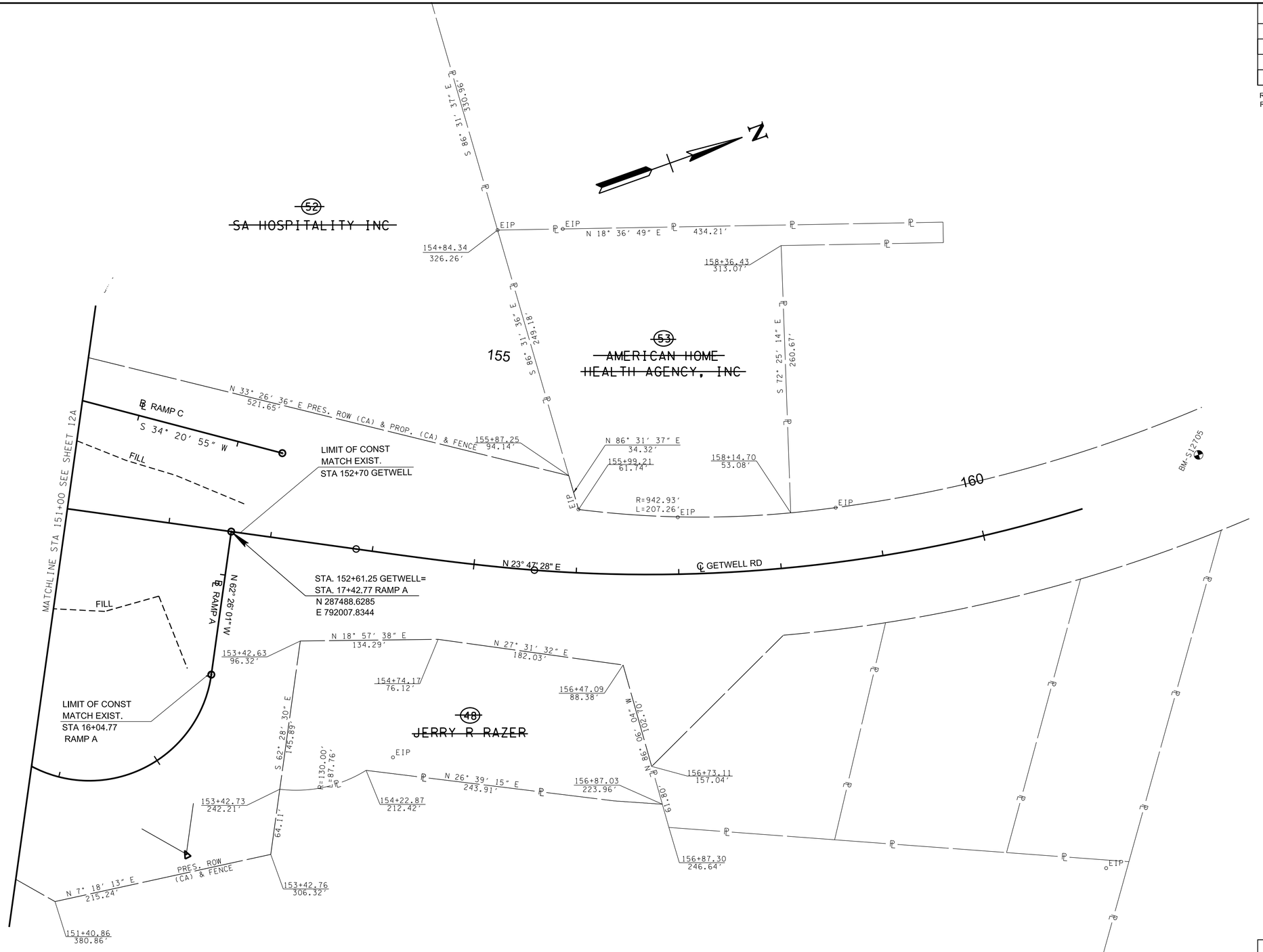
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	12E
PIH	2026	STP/NH-4(6)	12E

REV. 1-15-21: RENUMBERED SHEET NO.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 151+00 TO LIMIT OF CONST
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	12F
PIH	2026	STP/NH-4(6)	12F

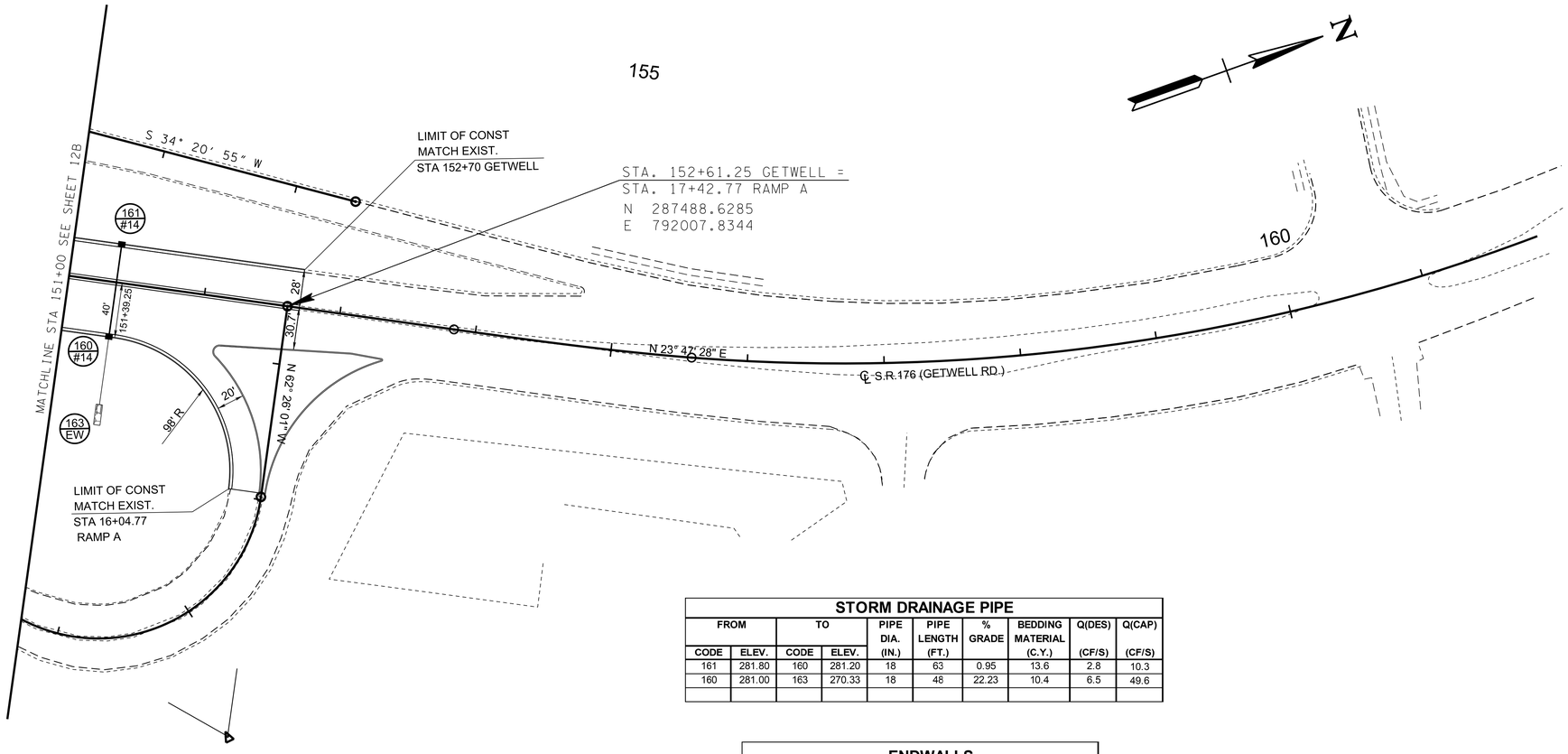
REV: 1-15-21: RENUMBERED SHEET NO.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

WIDTH DIMENSIONS

Ⓐ CURB & GUTTER SECTION:
WIDTH IS MEASURED FACE OF CURB UNLESS SPECIFIED OTHERWISE.

Ⓑ NON CURB AND GUTTER SECTION:
WIDTH IS MEASURED TO THE EDGE OF THE TRAVEL LANE UNLESS SPECIFIED OTHERWISE.



STORM DRAINAGE PIPE

FROM		TO		PIPE DIA. (IN.)	PIPE LENGTH (FT.)	% GRADE	BEDDING MATERIAL (C.Y.)	Q(DES) (CF/S)	Q(CAP) (CF/S)
CODE	ELEV.	CODE	ELEV.						
161	281.80	160	281.20	18	63	0.95	13.6	2.8	10.3
160	281.00	163	270.33	18	48	22.23	10.4	6.5	49.6

ENDWALLS

CODE	LOCATION	STRUCTURE TYPE	SKEW	INVERT ELEV.	PIPE (IN.)
163	STA. 151+35 (91' RT) GETWELL	U	90	270.07	18

CATCH BASINS

CODE	LOCATION	OFFSET	STRUCTURE TYPE	GRATE ELEV.	INV. ELEV.	D.A. (AC.)	Q (CFS)
160	STA.151+35 (GETWELL)	40' RT	14	286.05	281.00	0.54	3.75
161	STA.151+35 (GETWELL)	28' LT	14	286.29	281.80	0.40	2.78

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 151+00 TO LIMIT OF CONST
SCALE: 1"= 50'

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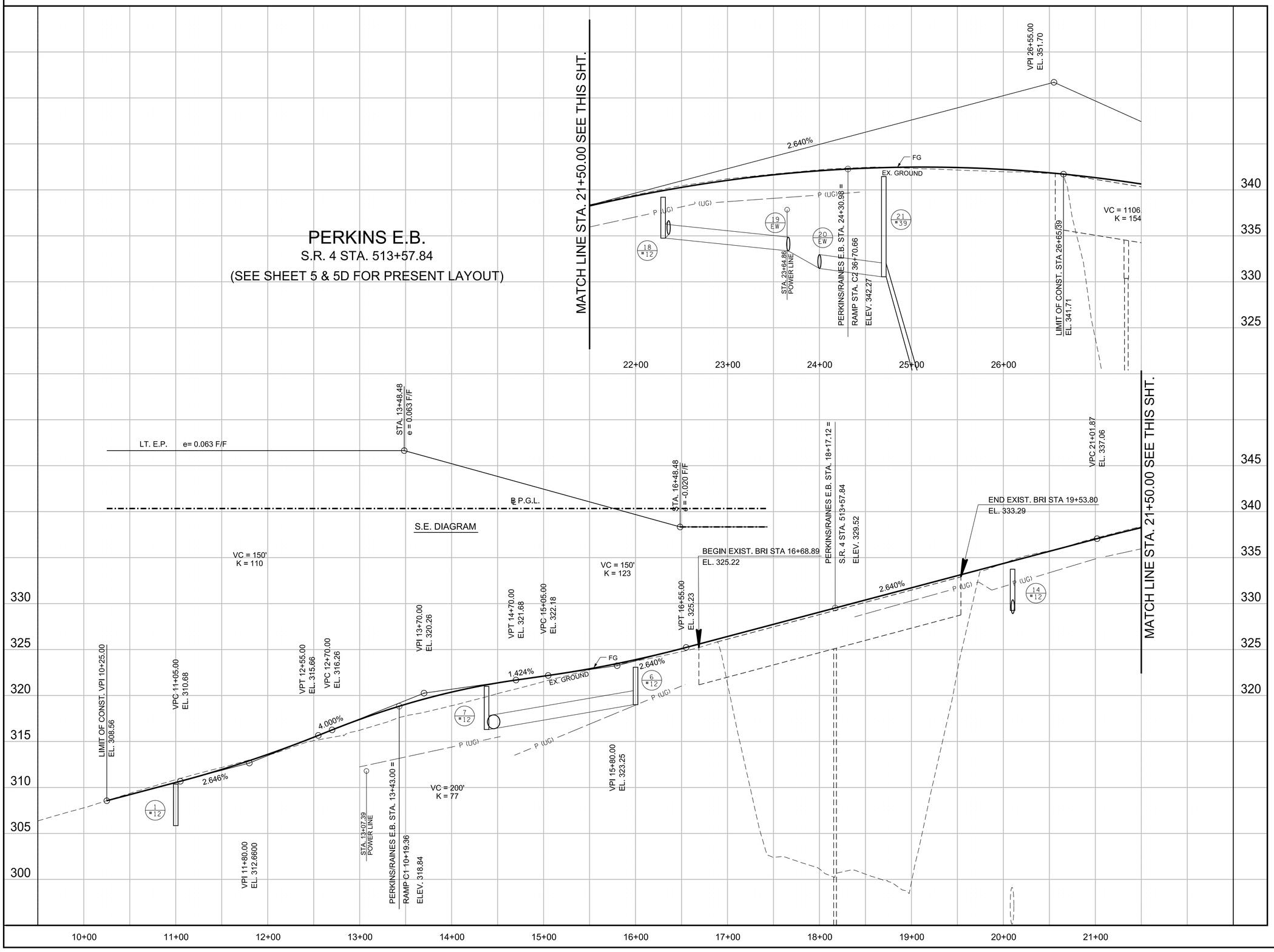
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	13
PIH	2026	STP/NH-4(6)	13

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PERKINS E.B.

S.R. 4 STA. 513+57.84

(SEE SHEET 5 & 5D FOR PRESENT LAYOUT)



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	14
PIH	2026	STP/NH-4(6)	14

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PERKINS W.B.

S.R. 4 STA. 513+99.88

(SEE SHEET 5 & 5D FOR PRESENT LAYOUT)

MATCH LINE STA. 21+50.00 SEE THIS SHT.

2.861%

VPI 25+46.00
EL. 352.00

FG

EX. GROUND

P (UG)

8" G

STA. 23+43.76
POWER LINE

VC = 1150'
K = 172

LIMIT OF CONST. STA 26+30.30
EL. 341.79

22+00 23+00 24+00 25+00 26+00

MATCH LINE STA. 21+50.00 SEE THIS SHT.

345 340 335 330 325 320 315 310 305 300

STA. 13+05.16
e = -0.049 F/F

STA. 16+05.16
e = -0.020 F/F

℄ P.G.L.

S.E. DIAGRAM

PERKINS/RAINES STA. 17+94.50 =
S.R. 4 STA. 513+99.88
ELEV. 330.50

BEGIN BRI STA 19+34.00
EL. 334.10

VPC 19+71.00
EL. 335.55

PERKINS/RAINES STA. 13+51.35 =
RAMP A1 20+26.17
ELEV. 317.82

BEGIN BRI STA 16+82.00
EL. 326.19

2.861%

EX. GROUND

FG

LIMIT OF CONST. VPT 10+75
EL. 309.91

STA. 12+94.06
POWER LINE

EXIST. 48" RCP
SKEW 90°
STA. 19+88.74
INV. 294.96

10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD
PROFILE

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

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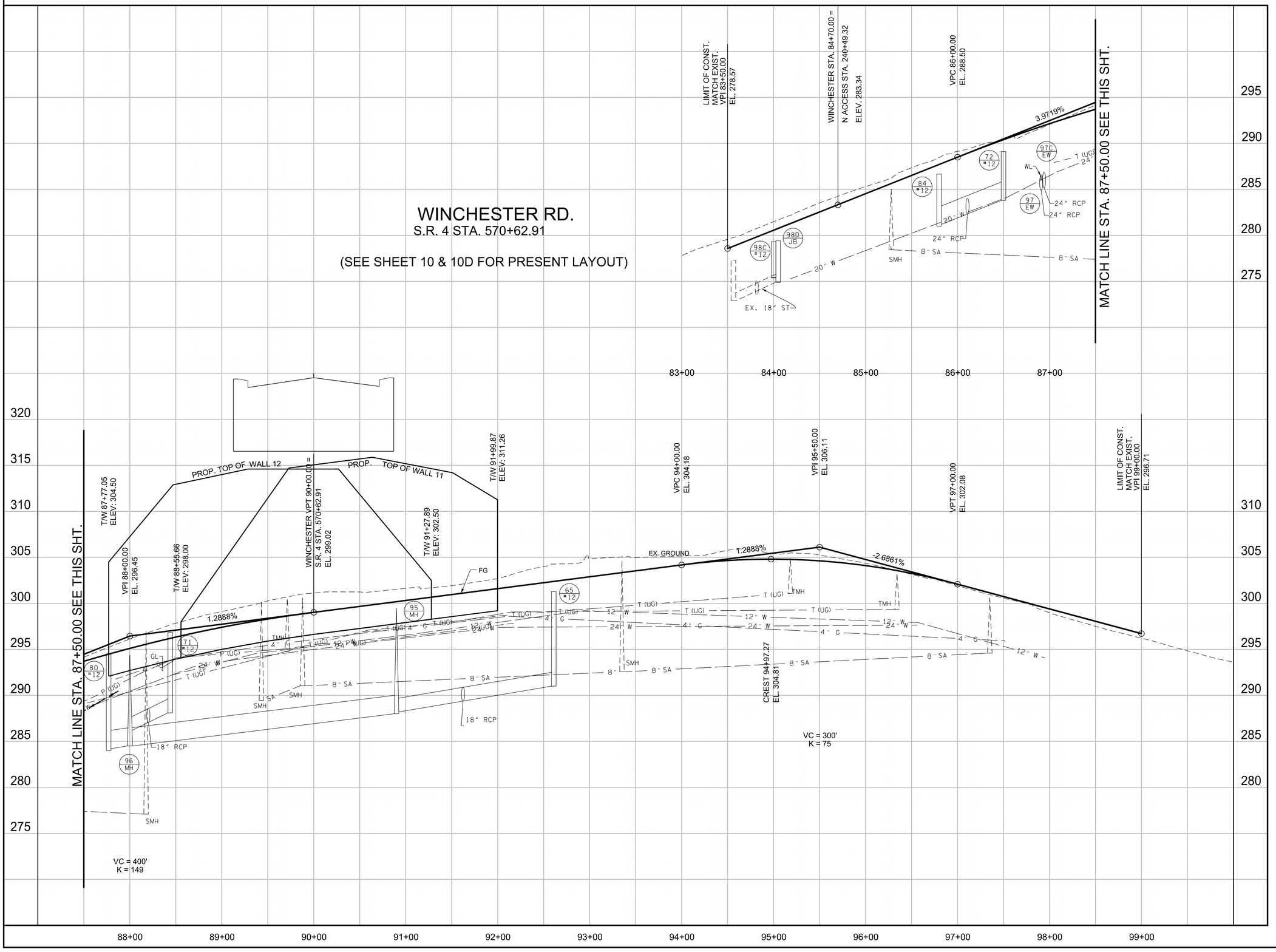
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	15
PIH	2026	STP/NH-4(6)	15

REV. 8-19-22: REVISED MH#95.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED WALL#11 & 12. REVISED MH#95 & CB#65.

WINCHESTER RD.

S.R. 4 STA. 570+62.91

(SEE SHEET 10 & 10D FOR PRESENT LAYOUT)



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

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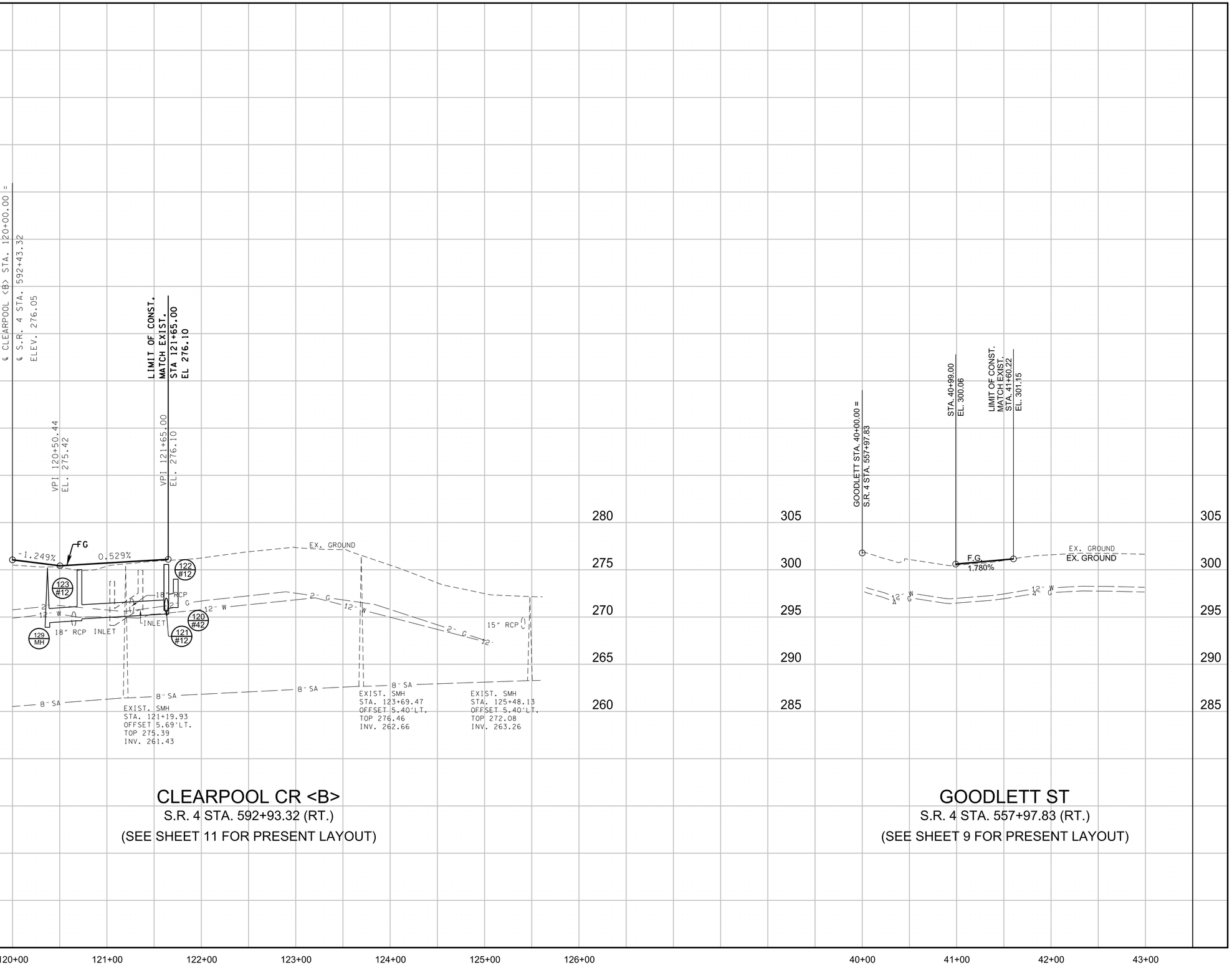
P:\0000_0100\007\240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\015-PROFILE.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	16
PIH	2026	STP/NH-4(6)	16

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



CLEARPOOL CR <B>

S.R. 4 STA. 592+93.32 (RT.)

(SEE SHEET 11 FOR PRESENT LAYOUT)

GOODLETT ST

S.R. 4 STA. 557+97.83 (RT.)

(SEE SHEET 9 FOR PRESENT LAYOUT)

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

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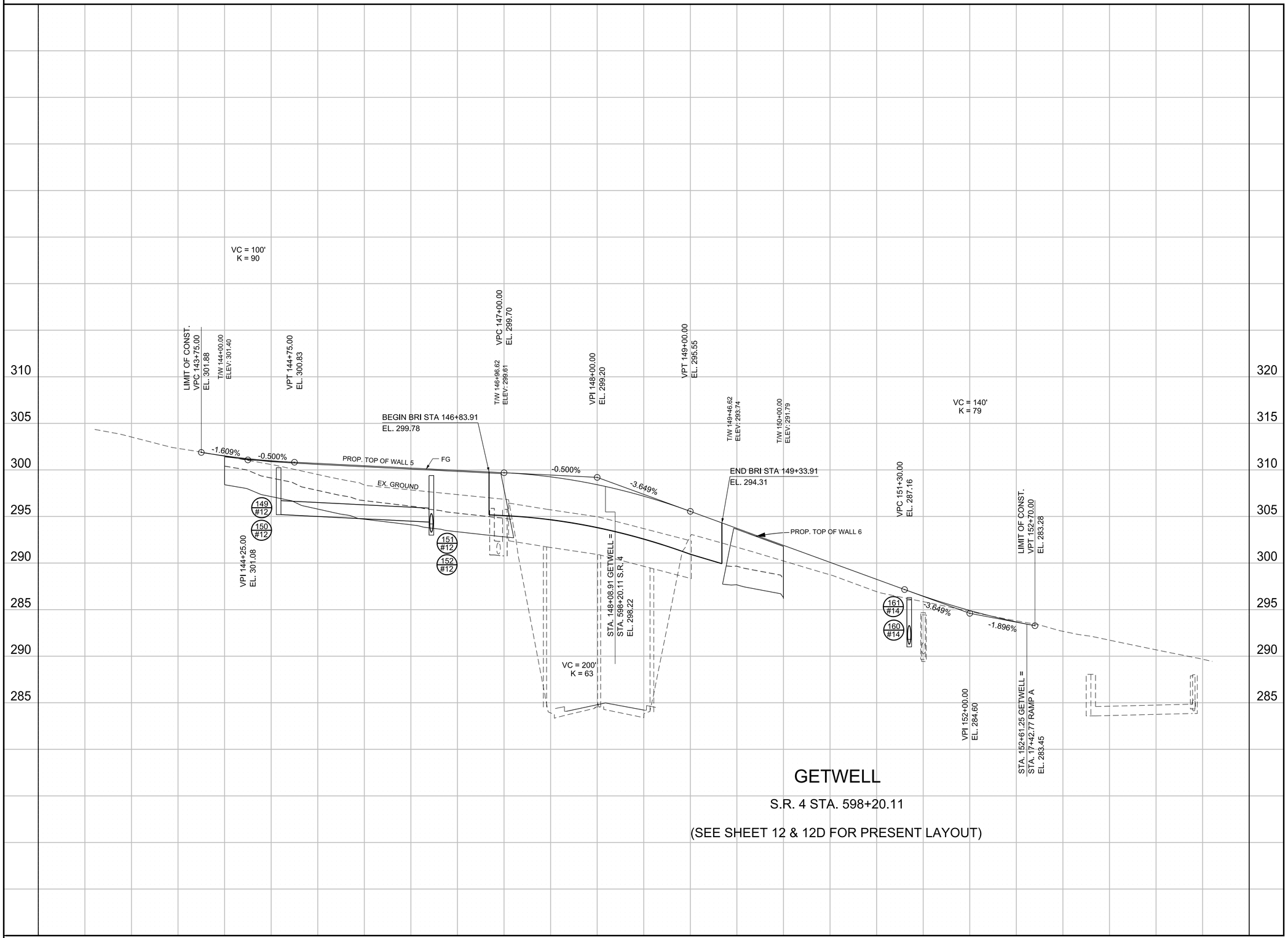
P:\0000_0100\007824\0020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\016-PROFILE.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	17
PIH	2026	STP/NH-4(6)	17

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED RET. #5 & 6 & BRIDGE STATION.



GETWELL

S.R. 4 STA. 598+20.11

(SEE SHEET 12 & 12D FOR PRESENT LAYOUT)

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

3/10/2026 1:16:00 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\017-PROFILE.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	17A
PIH	2026	STP/NH-4(6)	17A

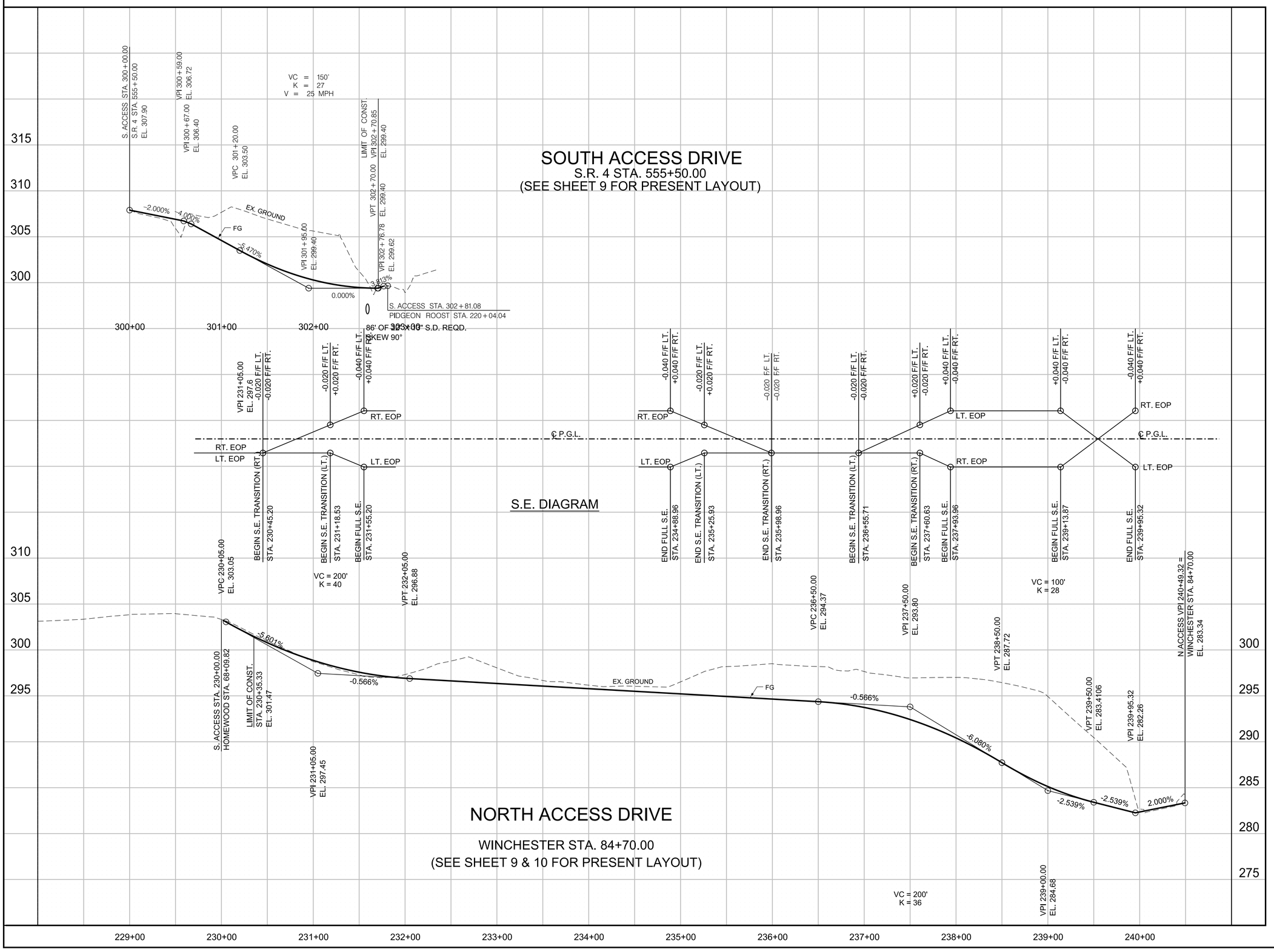
REV. 11-29-21: ADDED SHEET 17A.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

SOUTH ACCESS DRIVE

S.R. 4 STA. 555+50.00

(SEE SHEET 9 FOR PRESENT LAYOUT)



NORTH ACCESS DRIVE

WINCHESTER STA. 84+70.00

(SEE SHEET 9 & 10 FOR PRESENT LAYOUT)

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIDE ROAD PROFILE

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

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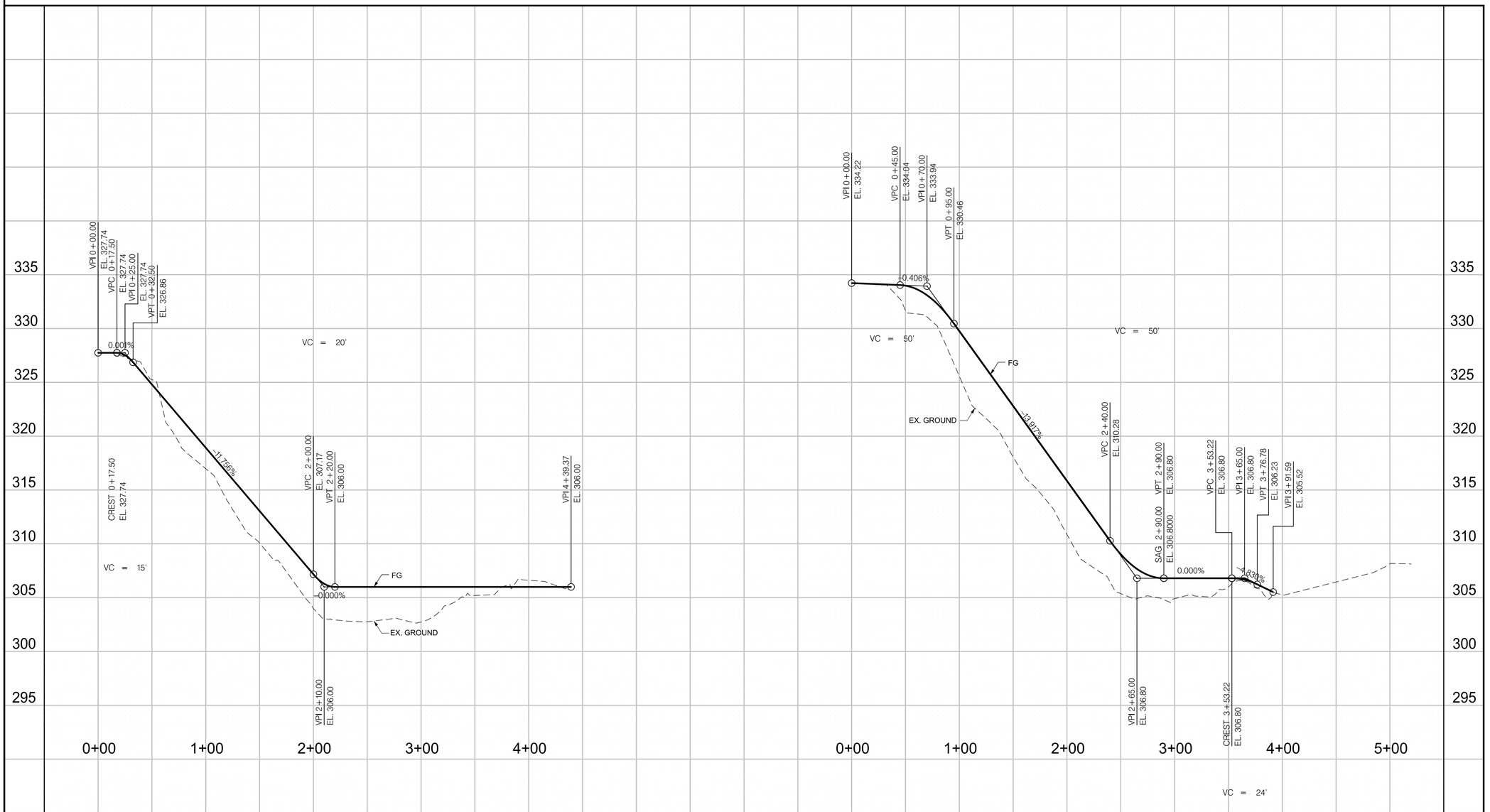
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	17B
PIH	2026	STP/NH-4(6)	17B

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S HAUL RD

S.R. 4 STA. 530+97.62

(SEE SHEET 7D FOR PRESENT LAYOUT)

N HAUL RD

S.R. 4 STA. 539+45.40

(SEE SHEET 7D FOR PRESENT LAYOUT)

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

HAUL ROAD PROFILE

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

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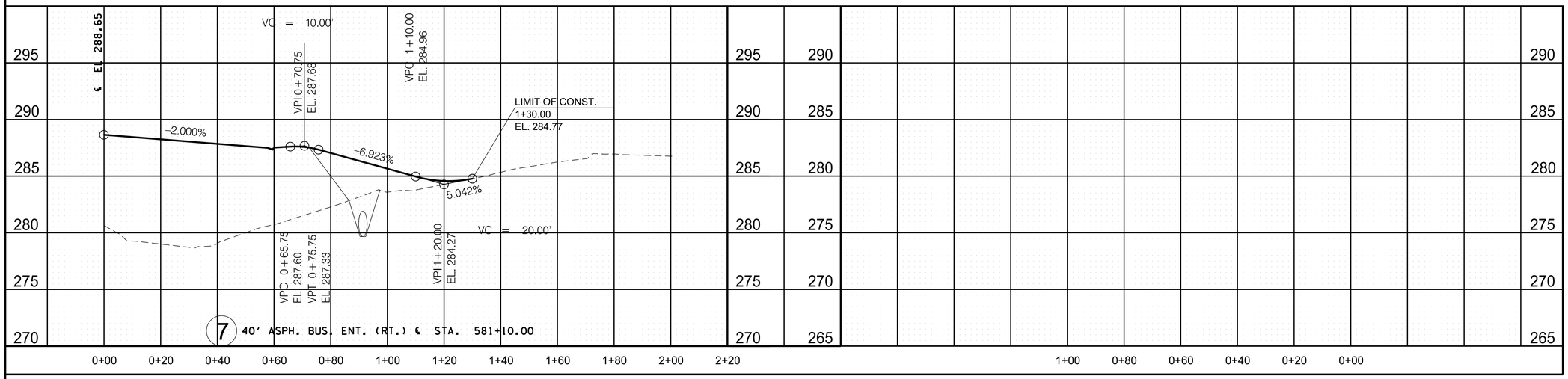
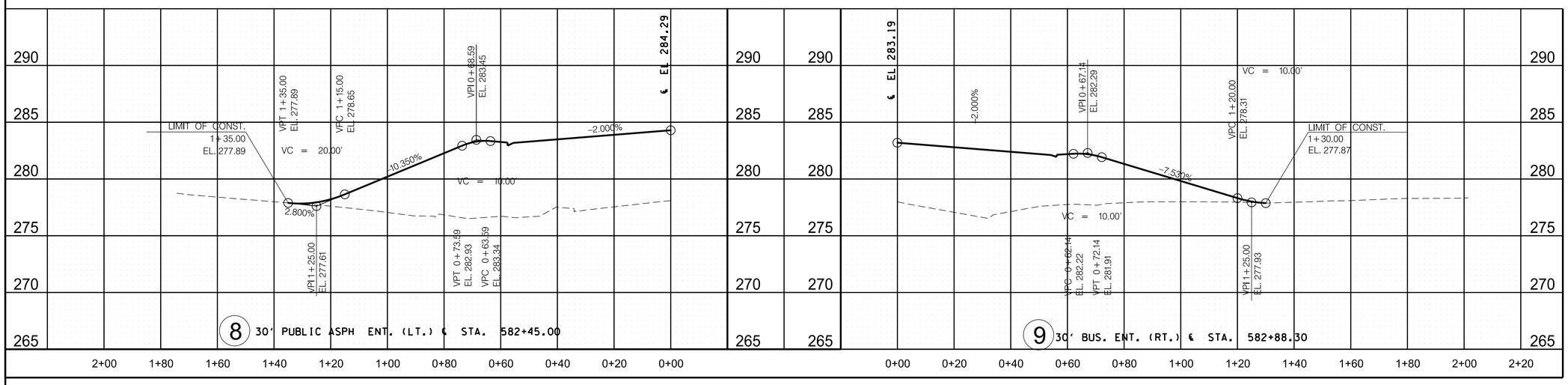
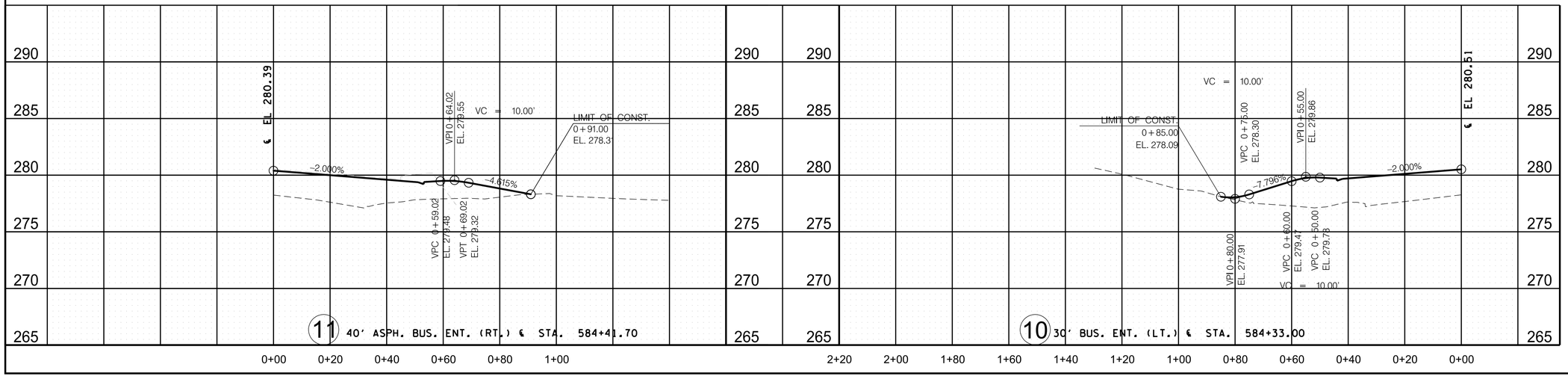
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	18
PIH	2026	STP/NH-4(6)	18

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.







PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

SCALE: 1"= 20' HORIZ.
1"= 5' VERT.

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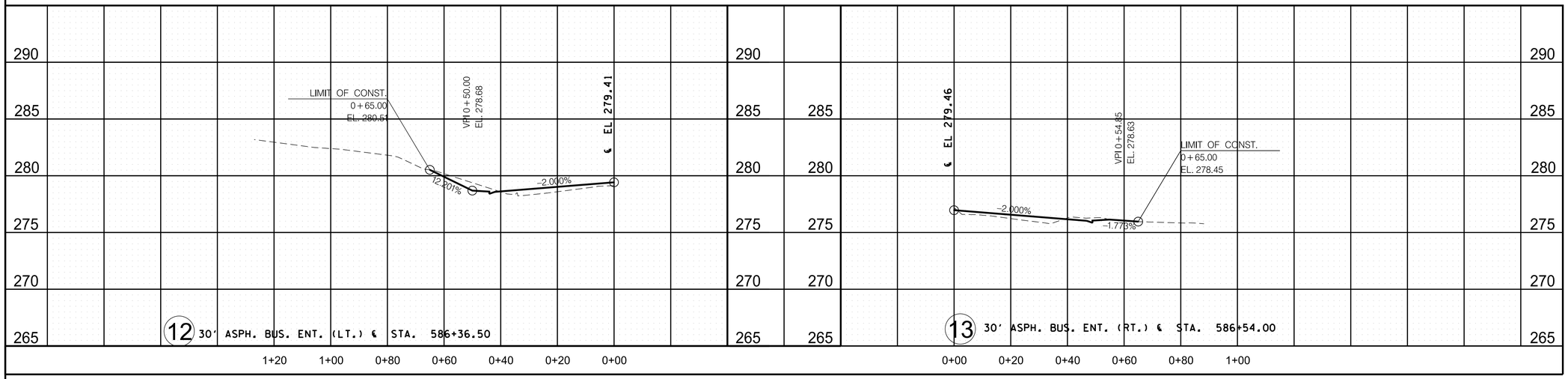
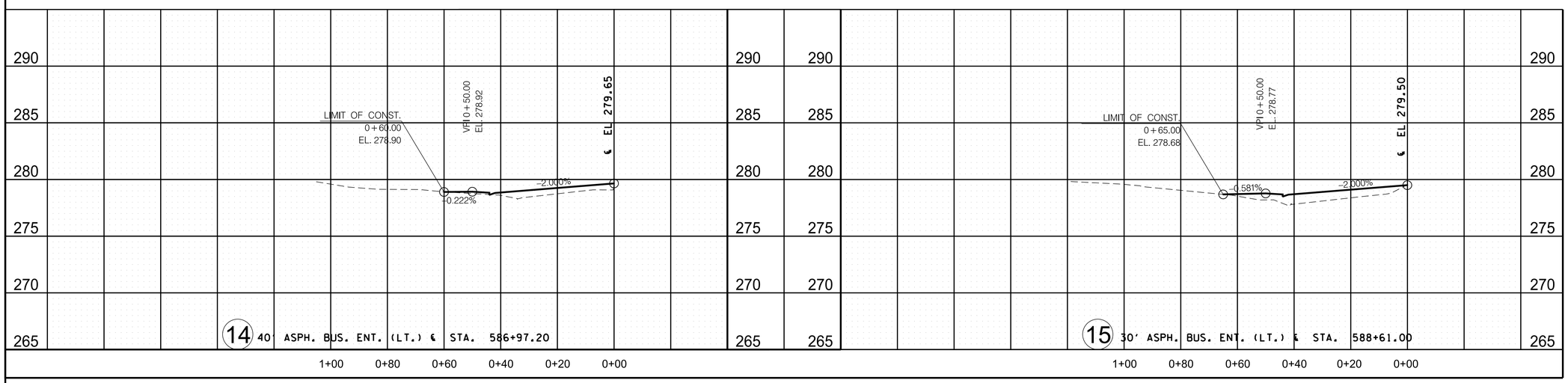
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\018-DRIVEWAYS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	19
PIH	2026	STP/NH-4(6)	19

REV. 5-10-23: REMOVED DRIVEWAY AT STA. 587+13.77
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.





PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

SCALE: 1"= 20' HORIZ.
1"= 5' VERT.

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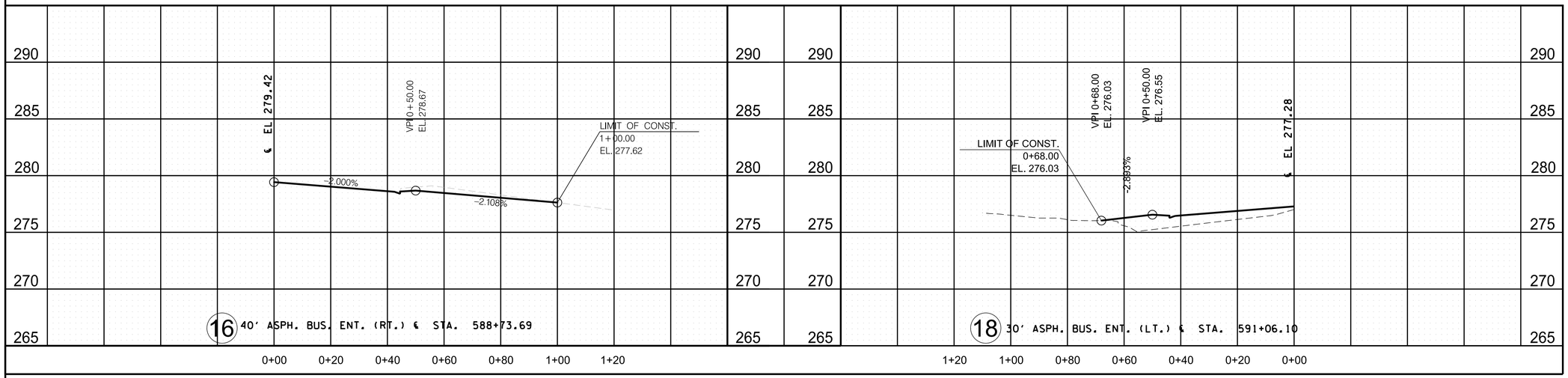
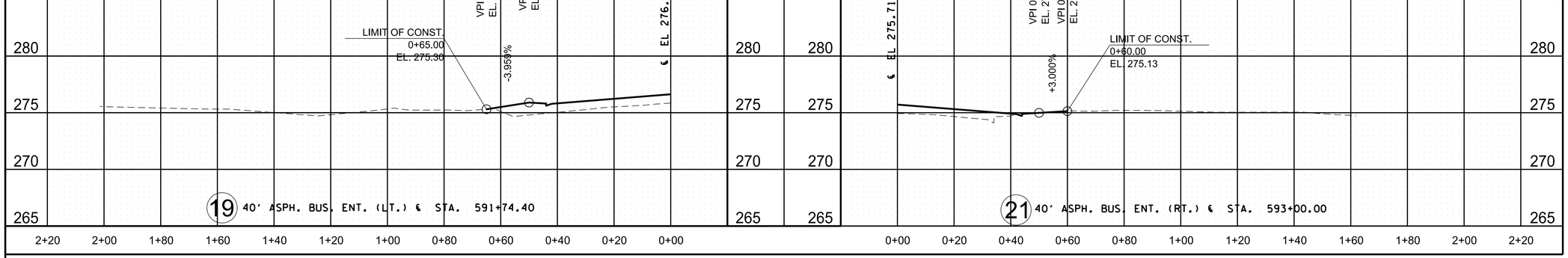
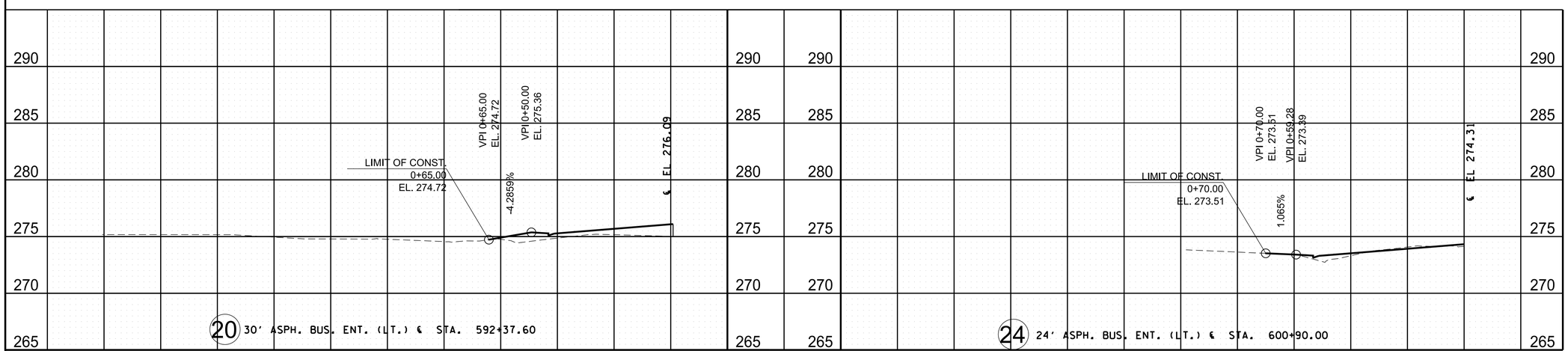
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	20
PIH	2026	STP/NH-4(6)	20

REV. 1-6-22: REMOVED DRIVEWAY AT STA. 594+21.00 & ADDED DRIVEWAY AT STA. 593+75.00
REV. 3-10-22: REMOVED DRIVEWAY AT STA. 593+75.00 & ADDED DRIVEWAY AT STA. 593+00.00
REV. 8-30-23: REMOVED DRIVEWAY AT STA. 588+80.69 & ADDED DRIVEWAY AT STA. 588+73.69
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.







PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

SCALE: 1"= 20' HORIZ.
1"= 5' VERT.

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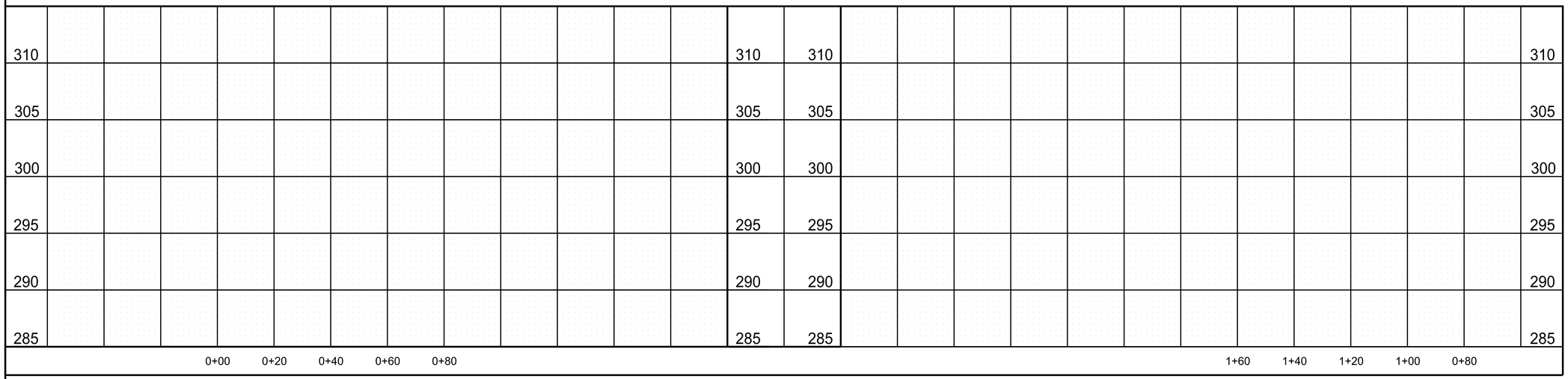
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\020-DRIVEWAYS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	21
PIH	2026	STP/NH-4(6)	21

REV. 11-29-21: REMOVED PIDGEON ROOST DRIVEWAYS & ADDED DRIVEWAY AT STA. 217+65.00
REV. 11-29-21: REMOVED PIDGEON ROOST DRIVEWAYS & ADDED DRIEVWAY AT STA. 217+65.00
REV. 5-10-22: ADDED DRIVEWAY AT STA. 233+70.00
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 08-11-25: REPLACED DRIVEWAY 233+70.00 WITH DRIVEWAY 234+00.00



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

SCALE: 1"= 20' HORIZ.
1"= 5' VERT.

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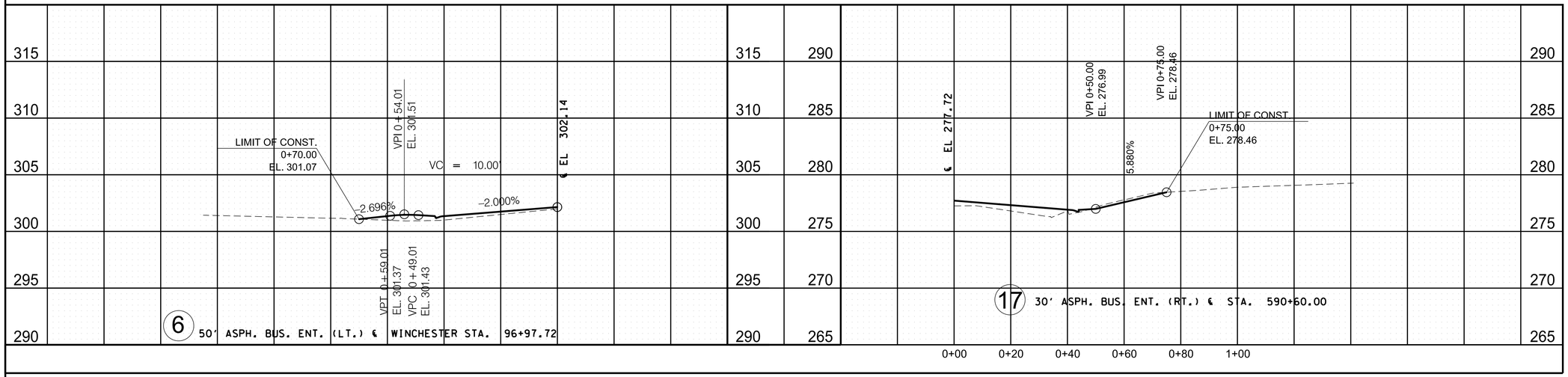
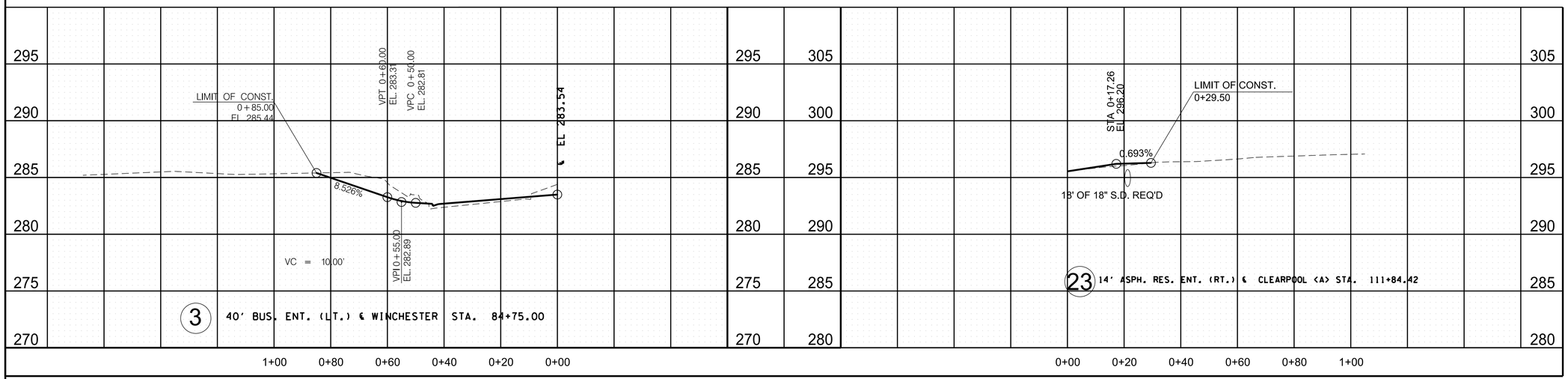
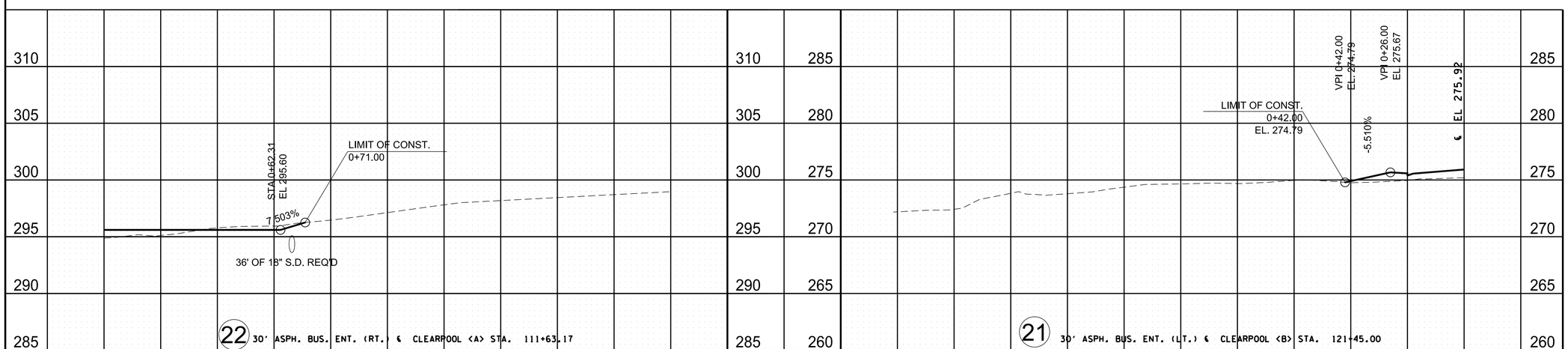
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\021-DRIVEWAYS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	22
PIH	2026	STP/NH-4(6)	22

REV. 1-15-21: ADDED PROP.DRIVEWAY WINCHESTER STA. 96+97.72. STA. 84+75.00 & S.R. 4 STA. 590+60.00. REMOVED PROP. DRIVEWAY WINCHESTER STA. 84+80.00
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.







PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILE

SCALE: 1"= 20' HORIZ.
1"= 5' VERT.

3/10/2026 1:15:30 PM
P:\0000_0100\007\8240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\022-DRIVEWAYS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	23
PIH	2026	STP/NH-4(6)	23

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

℄ PERKINS E.B.
CURVE E1
PI 11+43.88
N 279,669.9390
E 795,524.8550
Δs 36° 53' 25" (LT)
Θs 7° 30' 00"
Δc 21° 53' 25" (LT)
Dc 5° 00' 00"
Rc 1,145.92
Lc 437.81
Ts 533.20
Ls 300.00
SE 0.063 FT/FT(EXIST)
DESIGN SPEED 45 MPH

℄ PERKINS W.B.
CURVE W1
PI 11+00.56
N 279,690.4780
E 795,481.7880
Δs 36° 53' 25" (LT)
Θs 7° 30' 00"
Δc 21° 53' 25" (LT)
Dc 5° 00' 00"
Rc 1,145.92
Lc 437.81
Ts 533.20
Ls 300.00
SE 0.049 FT/FT (EXIST)
DESIGN SPEED 45 MPH

℄ PERKINS
CURVE P1
PI 11+22.22
N 279,680.2080
E 795,503.3220
Δs 36° 53' 25" (LT)
Θs 7° 30' 00"
Δc 21° 53' 25" (LT)
Dc 5° 00' 00"
Rc 1,145.92
Lc 437.81
Ts 533.20
Ls 300.00

RAMP C1A
CURVE C56
PI 4+50.03
N 279,681.0811
E 795,461.8440
Δ 4° 50' 52" (LT)
D 4° 50' 52"
R 1,181.92
L 100.00
T 50.03

RAMP C1
CURVE C50
PI 15+55.05
N 279,347.6969
E 795,961.3881
Δ 58° 59' 09" (LT)
D 8° 11' 06"
R 700.00
L 720.65
T 395.93
SE 0.056 FT/FT
DESIGN SPEED 40 MPH
TRANS. LENGTH 160

RAMP C1
CURVE DC162 (BY OTHERS)
PI 22+21.44
N 279,322.8907
E 796,698.5752
Δ 28° 11' 29" (RT)
D 7° 30' 15"
R 763.52
L 375.68
T 191.72
SE 0.0381 FT/FT
DESIGN SPEED 40 MPH

RAMP C2 (BY OTHERS)
CURVE DC161
PI 25+73.68
N 279,415.3060
E 796,927.1419
Δs 40° 08' 52" (RT)
Θs IN 12° 22' 55"
Δc 27° 45' 57" (RT)
Dc 7° 30' 15"
Rc 763.52
Lc 370.01
Ts IN 436.72
Ts OUT 288.22
Ls IN 330.00
SE 0.0381 FT/FT
DESIGN SPEED 40 MPH

RAMP C1A
CURVE C54
PI 7+05.37
N 279,757.5015
E 795,705.5381
Δ 68° 47' 15" (RT)
D 19° 05' 55"
R 300.00
L 360.17
T 205.37
SE 0.060 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 145

RAMP A1
CURVE A53
PI 18+70.78
N 280,000.4989
E 795,625.7218
Δ 22° 45' 45" (LT)
D 9° 32' 57"
R 600.00
L 238.37
T 120.78
SE 0.046 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 120

RAMP A
CURVE A20
PI 7+77.81
N 281,090.7679
E 795,480.7063
Δ 3° 09' 24" (RT)
D 1° 00' 00"
R 5,729.58
L 315.65
T 157.87
SE 0.029 FT/FT
DESIGN SPEED 50 MPH
TRANS. LENGTH 175

RAMP C2A
CURVE C51
PI 36+39.28
N 280,441.3696
E 796,620.4720
Δ 90° 05' 01" (RT)
D 28° 38' 52"
R 200.00
L 314.45
T 200.29
SE 0.037 FT/FT
DESIGN SPEED 20 MPH
TRANS. LENGTH 90

RAMP C2
CURVE C52
PI 31+64.64
N 280,030.2168
E 796,892.2821
Δ 33° 00' 53" (LT)
D 9° 10' 02"
R 625.00
L 360.14
T 185.22
SE 0.058 FT/FT
DESIGN SPEED 40 MPH
TRANS. LENGTH 170

RAMP F1
CURVE F15
PI 7+28.35
N 280,500.8416
E 796,549.3272
Δs 89° 10' 46" (RT)
Θs 28° 38' 52"
Δc 31° 53' 01" (RT)
Dc 38° 11' 50"
Rc 150.00
Lc 83.47
Ts 228.35
Ls 150.00
SE 0.057 FT/FT (EXIST)
DESIGN SPEED 20 MPH
TRANS. LENGTH 150

RAMP D
CURVE D29
PI 6+69.35
N 280,088.3131
E 796,157.9853
Δs 262° 40' 48" (RT)
Θs 25° 00' 00"
Δc 212° 40' 48" (RT)
Dc 25° 00' 00"
Rc 229.18
Lc 850.72
Ts 169.35
Ls 200.00
SE = 0.080 FT/FT

℄ S.R. 4
CURVE DC-1
PI 519+93.66
N 280,485.4655
E 795,594.7819
Δs 40° 57' 45" (RT)
Θs 3° 30' 00"
Δc 33° 57' 45" (RT)
Dc 2° 00' 00"
Rc 2,864.79
Lc 1,698.13
Ts 1,245.68
Ls 350.00
SE 0.051 FT/FT
DESIGN SPEED 60 MPH

RAMP F
CURVE F47
PI 14+92.89
N 281,394.1484
E 795,574.1019
Δ 15° 38' 45" (RT)
D 7° 37' 42"
R 751.09
L 205.10
T 103.19
SE 0.060 FT/FT (EXIST)
DESIGN SPEED 35 MPH
TRANS. LENGTH 250

BEGIN ℄ PERKINS E.B.
STA. 5+00.00
N 279677.9674
E 794881.0283

BEGIN ℄ PERKINS
STA. 5+00.00
N 279687.9665
E 794881.1530

BEGIN ℄ PERKINS W.B.
STA. 5+00.00
N 279697.9657
E 794881.2777

S 89° 17' 08" E
TS 5+67.35
TS 5+89.01
TS 6+10.67
SC 8+67.35
SC 8+89.01
SC 9+10.67

BEGIN RAMP C1A
STA. 4+00.00 = 36' RT.
STA. 10+26.23 PERKINS E.B.
N 279670.1987
E 795413.0121

PC 4+00.00
PRC 5+00.00
PI 7+05.37
PT 8+60.17
C56 ℄ PERKINS E.B.
℄ PERKINS W.B.
℄ PERKINS
℄ RAMP C1A

END RAMP C1A
STA. 8+60.17 = 0' RT.
STA. 12+75.61 RAMP C1
N 279597.0568
E 795833.7278

RAMP A1 STA. 20+45.96 =
℄ PERKINS STA. 13+59.18
N 279844.6284
E 795712.4371

CS 13+05.16
CS 13+26.82
CS 13+48.48
S 29° 04' 29" E
S 29° 05' 18" E
PC 17+50.00
A53
℄ RAMP A1
S 6° 19' 34" E
PC 11+59.12
PT 19+88.37
C50
℄ RAMP C1

RAMP C1 STA. 10+00.00 =
℄ PERKINS STA. 13+35.18
N 279832.7531
E 795691.5797

ST 16+05.16
ST 16+26.82
ST 16+48.48

BEGIN RAMP A1
STA. 15+50.00 = 24' LT.
STA. 15+56.57 RAMP A
N 280319.3221
E 795590.3767

PC 20+29.72
PT 18+79.77
S 88° 04' 15" E
℄ RAMP A
PT 9+35.60
A20
PC 6+19.95
CS 527+96.11
S 9° 28' 57" E
BEGIN RAMP A
STA. 5+00.00 = 59' LT.
STA. 527+96.13 S.R. 4
N 281364.7864
E 795434.9369

END RAMP D
STA. 17+50.72 = 59' RT.
STA. 511+45.72 S.R. 4
N 279965.4640
E 796274.5478

SC 510+97.98
TS 507+47.98
DC-1
℄ S.R. 4
N 53° 49' 27" E
N 63° 49' 27" E

END RAMP C1
STA. 27+35.40 = 63' LT.
STA. 498+79.13 S.R. 4
N 279022.2304
E 797122.5743

CS 24+05.40
DC162
ST 17+50.72
CS 15+50.72
TS 5+00.00

STA. 513+78.86 ℄ S.R. 4 =
STA. 18+05.73 ℄ PERKINS
N 280100.5470
E 796078.1487

BEGIN RAMP D
STA. 5+00.00 = 36' RT.
STA. 20+42.64 EB ℄ PERKINS
N 280188.2734
E 796294.6843

SC 7+00.00
D29
℄ RAMP D

BEGIN RAMP F
STA. 13+89.70 =
N 281306.7930
E 795629.0350

PC 13+89.70
F47
CS 15+94.80
℄ RAMP F

END RAMP F
STA. 18+44.80 = 59' RT.
STA. 531+55.96 S.R.4
N 281738.8589
E 795500.7175

N 43° 23' 32" W
TS 21+36.95
SC 24+66.95
DC161
PT 28+36.96
℄ RAMP C2
PC 29+79.42
N 3° 14' 41" W

RAMP C2 STA. 36+91.66 =
℄ PERKINS STA. 24+20.61
N 280463.4891
E 796574.4839

BEGIN RAMP C2
STA. 20+00.00 = 52' RT.
STA. 497+15.67 S.R. 4
N 278998.4351
E 797321.2571

C52
N 36° 15' 34" W
℄ RAMP C2A
C51
PT 33+39.56
PC 34+38.99
PT 37+53.44

END RAMP F1
STA. 8+83.47 =
N 280683.2204
E 796411.9123

℄ RAMP F1
F15
CS 7+33.47
SC 6+50.00

BEGIN RAMP C2A
STA. 33+50.00 = 24' RT.
STA. 33+57.34 RAMP C2
N 280208.1067
E 796791.5666

END RAMP C2A
STA. 37+53.44 = 45' RT.
STA. 26+44.97 ℄ PERKINS
N 280559.5951
E 796782.1493

BEGIN RAMP F1
STA. 5+00.00 = 24' LT.
STA. 26+40.37 WB ℄ PERKINS
N 280635.6304
E 796766.6554

℄ PERKINS W.B.
℄ PERKINS E.B.
℄ PERKINS

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOMETRY SHEET S.R. 4 & PERKINS/ RAINES INTERCHANGE

SCALE: 1"= 120'

PLAN IN HAND

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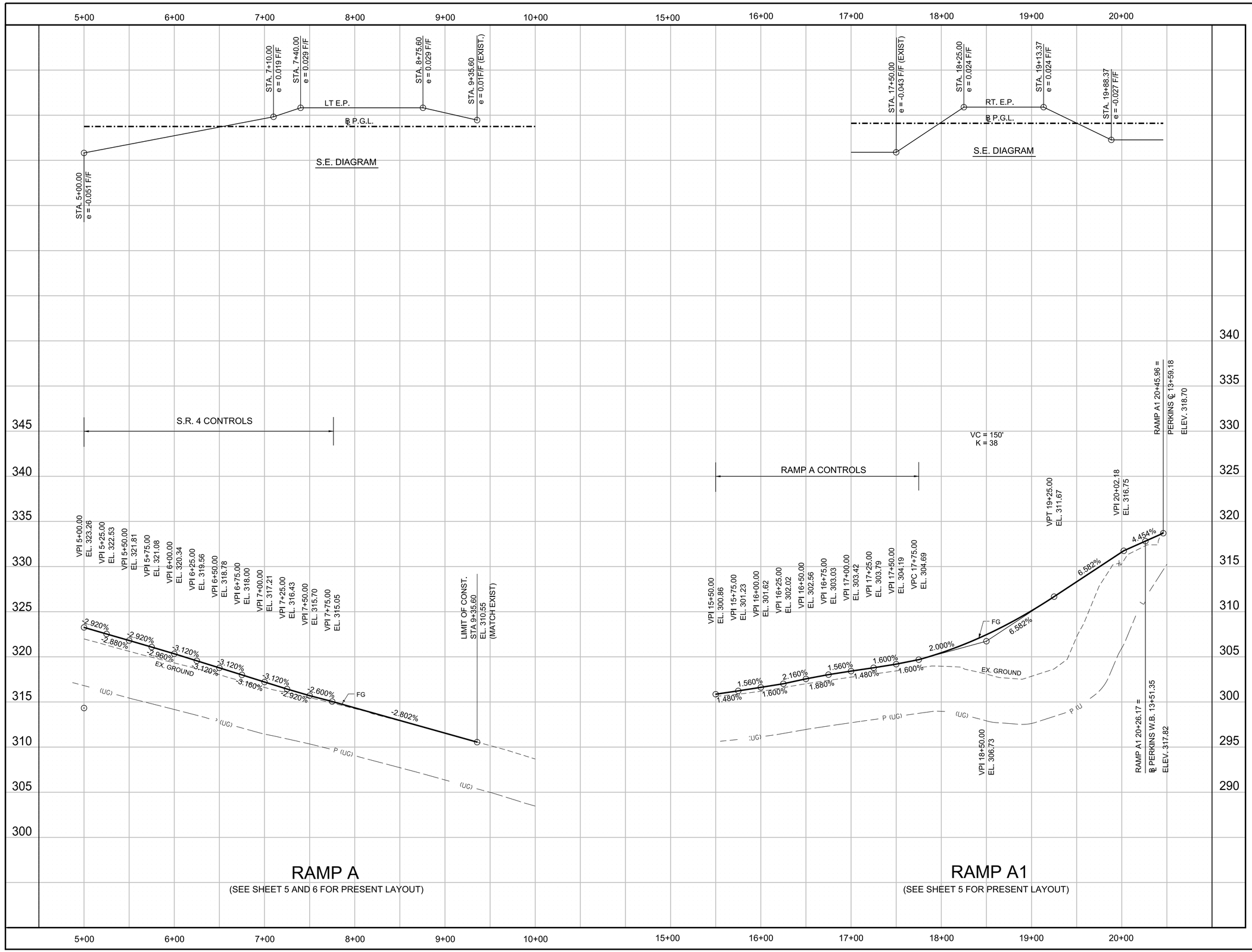
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	23A
PIH	2026	STP/NH-4(6)	23A

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



RAMP A

(SEE SHEET 5 AND 6 FOR PRESENT LAYOUT)

RAMP A1

(SEE SHEET 5 FOR PRESENT LAYOUT)

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES PERKINS/RAINES INTERCHANGE RAMP

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

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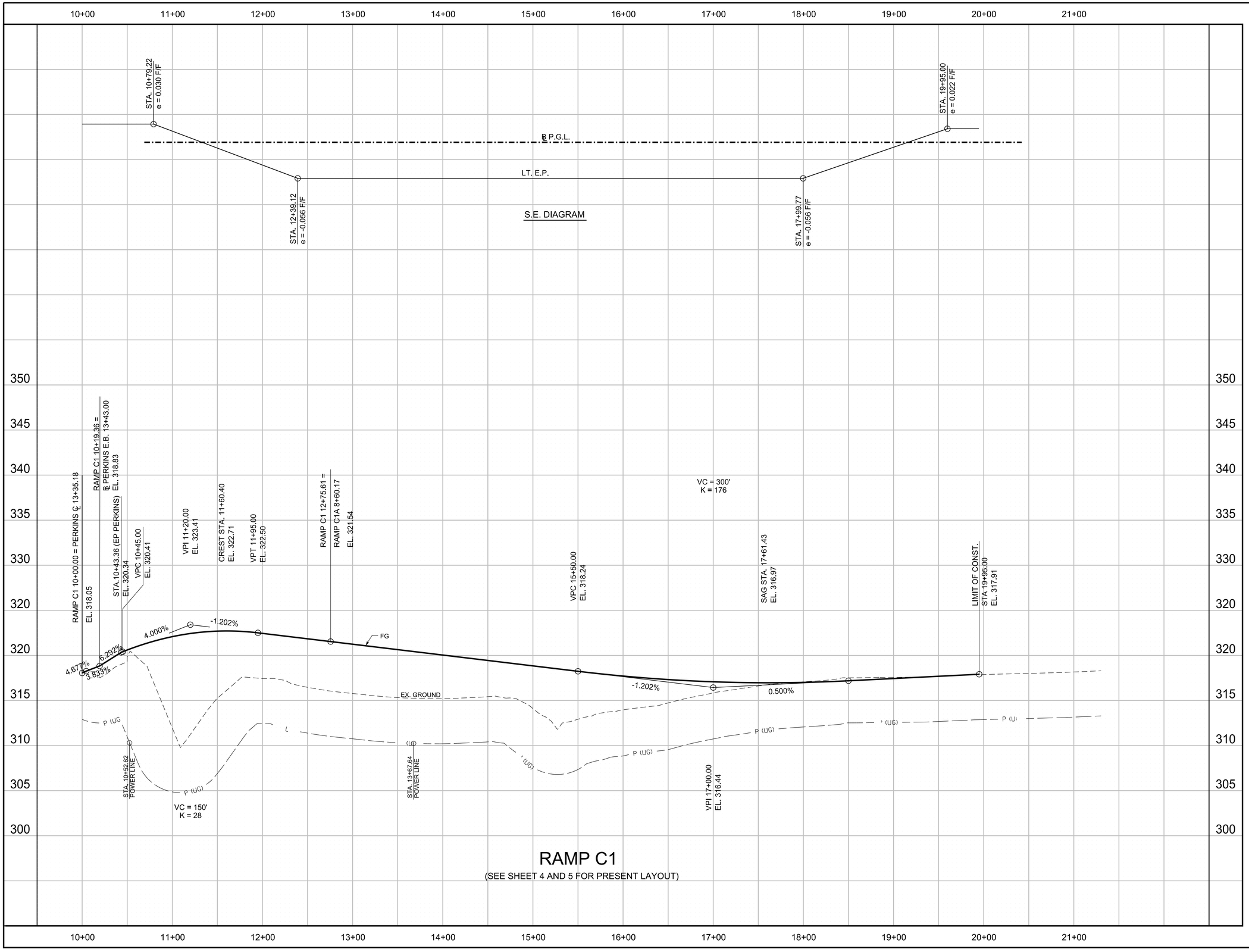
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	23B
PIH	2026	STP/NH-4(6)	23B

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



RAMP C1

(SEE SHEET 4 AND 5 FOR PRESENT LAYOUT)

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES
PERKINS/RAINES
INTERCHANGE RAMP

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

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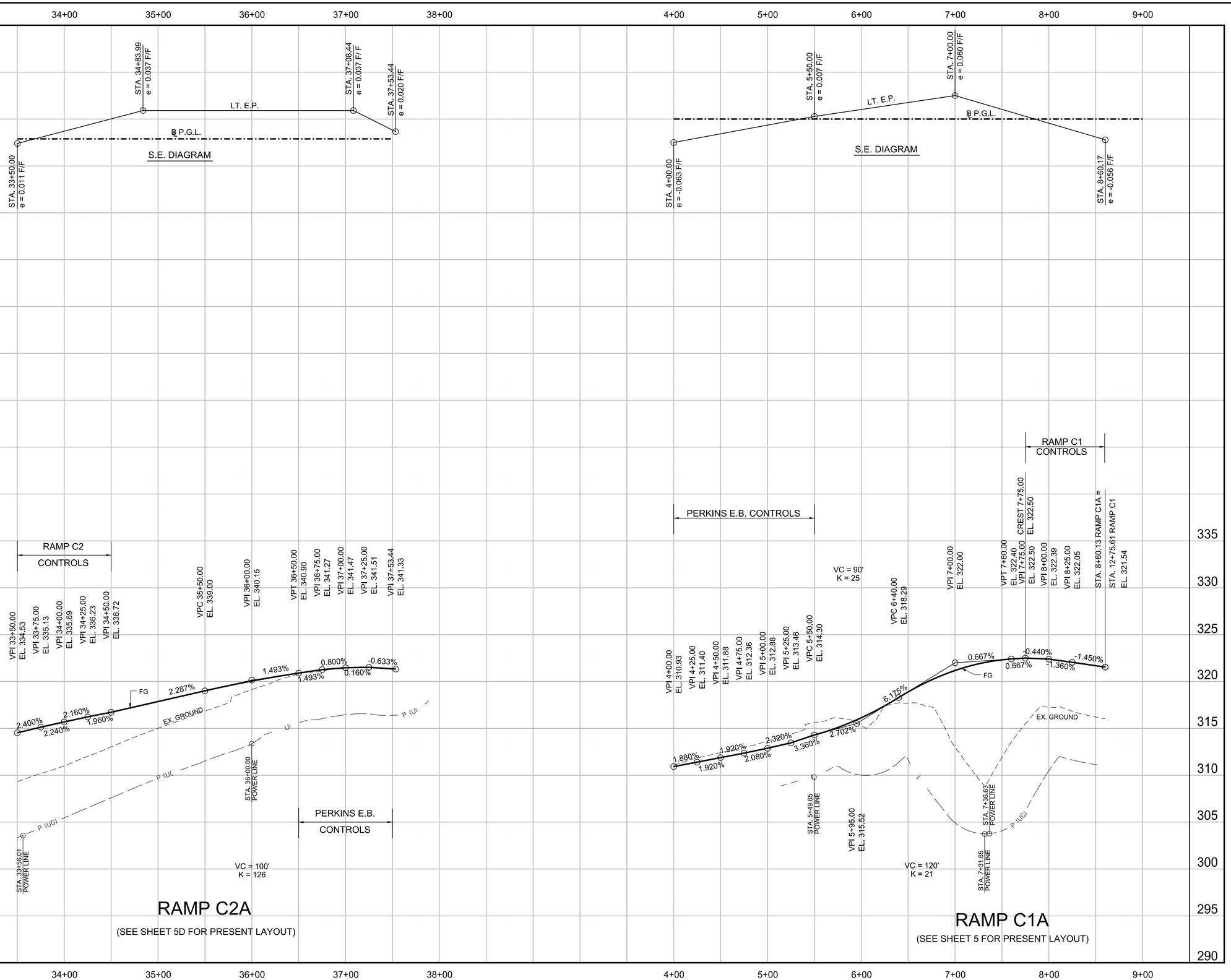
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	23C
PIH	2026	STP/NH-4(6)	23C

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES PERKINS/RAINES INTERCHANGE RAMP

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	23D
PIH	2026	STP/NH-4(6)	23D

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00

STA. 28+50.00
e = 0.038 F/F (EXIST)

℄ P.G.L.

LT. E.P.

STA. 30+64.42
e = -0.058 F/F

STA. 32+54.56
e = -.058 F/F

STA. 34+24.56
e = 0.020 F/F

LT. E.P.

STA. 35+96.66
e = 0.020 F/F

STA. 36+46.66
e = -0.005 F/F

S.E. DIAGRAM

355 350 345 340 335 330 325 320 315 310

LIMIT OF CONST.
VPI 28+50.00
EL. 324.73

VPC 29+50.00
EL. 325.24

VC = 300'
K = 110

VPT 32+50.00
EL. 330.82

VPC 33+75.00
EL. 334.84

VPI 35+00.00
EL. 338.86

VPT 36+25.00
EL. 341.36

STA. 36+46.66 (EP PERKINS)
EL. 341.79

RAMP C2 36+91.66 = PERKINS ℄ 24+20.61
ELEV. 342.69

RAMP C2 36+70.66 =
℄ PERKINS E.B. 24+30.98
ELEV. 342.27

FG

0.510%

3.214%

3.214%

2.000%

2.000%

2.000%

EX. GROUND

(UG)

P (UG)

STA. 36+12.79
POWER LINE
STA. 36+25.97
POWER LINE

VPI 31+00.00
EL. 326.00

STA. 33+67.11
POWER LINE

VC = 250'
K = 205

RAMP C2

(SEE SHEET 4 AND 5D FOR PRESENT LAYOUT)

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES
PERKINS/RAINES
INTERCHANGE RAMP

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	23E
PIH	2026	STP/NH-4(6)	23E

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

5+00 6+00 7+00 8+00 9+00 15+00 16+00 17+00 18+00

STA. 5+00.00
e = +0.020 F/F

STA. 7+25.00
e = +0.069 F/F (EXIST)

LT. E.P.

℄ P.G.L.

S.E. DIAGRAM

STA. 15+50.00
e = +0.060 F/F (EXIST)

STA. 17+50.00
e = +0.051 F/F

LT. E.P.

℄ P.G.L.

S.E. DIAGRAM

360 355 350 345 340 335 330 325 320

PERKINS E.B.
CONTROLS

VPI 5+00.00
EL. 334.77

VPI 5+25.00
EL. 335.37

VPI 5+50.00
EL. 335.95

VPI 5+75.00
EL. 336.51

VPI 6+00.00
EL. 336.97

VPC 6+25.00
EL. 337.31

VPI 6+75.00
EL. 337.75

LIMIT OF CONST.
VPT 7+25.00
EL. 336.57

2.400% 2.320% 2.240% 1.840% 1.360% 0.880% -2.360%

FG

EX. GROUND

P (LIG

P (L

l

CREST STA. 6+53.85
EL. 337.44

VC = 100'
K = 29

RAMP D
(SEE SHEET 5D PRESENT LAYOUT)

S.R. 4 CONTROLS

LIMIT OF CONST.
VPI 15+00.00
EL. 307.76

VPC 15+25.00
EL. 307.51

VPI 15+75.00
EL. 307.00

VPT 16+25.00
EL. 306.28

VPI 16+50.00
EL. 305.87

VPI 16+75.00
EL. 305.41

VPI 17+00.00
EL. 304.88

VPI 17+25.00
EL. 304.37

VPI 17+50.00
EL. 303.88

EX. GROUND

-1.013% -1.440% -1.640% -1.840% -2.120% -2.040% -1.960%

FG

P (L

(L

STA. 14+69.69
POWER LINE

VC = 100'
K = 234

RAMP D
(SEE SHEET 5D PRESENT LAYOUT)

320 315 310 305 300 295 290 285 280

5+00 6+00 7+00 8+00 9+00 15+00 16+00 17+00 18+00

PLAN
IN
HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES PERKINS/RAINES INTERCHANGE RAMP

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

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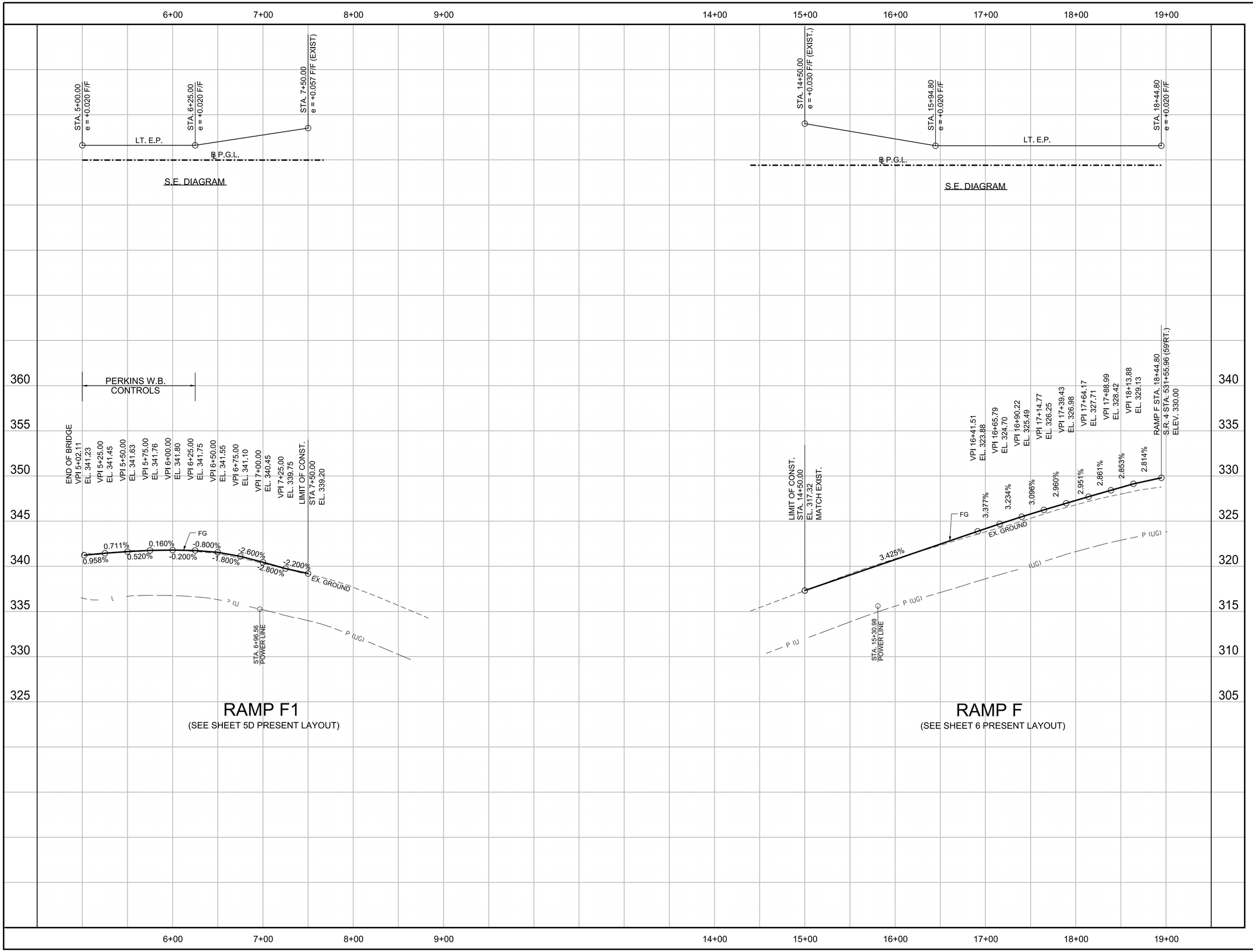
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	23F
PIH	2026	STP/NH-4(6)	23F

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES PERKINS/RAINES INTERCHANGE RAMP

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

3/10/2026 1:14:24 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	24
PIH	2026	STP/NH-4(6)	24

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

℄ WINCHESTER
CURVE W52
PI 79+95.35
N 285,107.7346
E 792,616.7911
Δ 3° 31' 47" (RT)
D 1° 14' 09"
R 4,636.66
L 285.65
T 142.87
SE = NC
DESIGN SPEED 45 MPH

℄ WINCHESTER
CURVE W53
PI 82+30.31
N 285,085.6091
E 792,850.7966
Δ 4° 36' 23" (RT)
D 2° 30' 00"
R 2,291.83
L 184.26
T 92.18
SE = NC
DESIGN SPEED 45 MPH

℄ WINCHESTER
CURVE W54
PI 84+29.82
N 285,050.9205
E 793,047.3717
Δ 6° 26' 21" (LT)
D 3° 00' 00"
R 1,909.86
L 214.64
T 107.43
SE = NC
DESIGN SPEED 45 MPH

℄ NORTH ACCESS
CURVE N27
PI 233+10.01
N 284,753.2976
E 793,651.5385
Δ 47° 37' 41" (LT)
D 9° 32' 57"
R 600.00
L 498.76
T 264.81
SE 0.040 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 110

℄ NORTH ACCESS
CURVE N28
PI 238+69.33
N 284,792.3876
E 793,062.6626
Δ 91° 46' 53" (RT)
D 33° 42' 12"
R 170.00
L 272.32
T 175.37
SE 0.040 FT/FT
DESIGN SPEED 30 MPH
TRANS. LENGTH 100

STA. 84+70.00 WINCHESTER =
STA. 240+49.32 N ACCESS
N 285049.5786
E 793087.7865

STA. 220+04.04 PIDGEON ROOST
= STA. 302+81.01 S ACCESS
N 283731.4678
E 794464.8063

BEGIN RAMP B1 STA. 4+45.00 = 54' LT.
WINCHESTER STA. 86+08.74
N 284985.8756
E 793222.8013

END RAMP B STA. 19+04.11 =
S.R. 4 STA. 558+98.63 (59' LT.)

STA. 555+50.00 S.R. 4 =
STA. 300+00.00 S ACCESS
N 283926.5636
E 794667.0511

END RAMP B1 STA. 6+88.59 = 0' RT.
RAMP B STA. 6+88.59

END RAMP C STA. 16+79.19 =
WINCHESTER STA. 87+68.39

END RAMP C1 STA. 16+23.73 =
WINCHESTER STA. 85+91.68 (42' LT.)

BEGIN RAMP C1 STA. 14+88.28 =
RAMP C STA. 14+88.28 (12' RT.)
N 285177.7086
E 793264.1738

BEGIN RAMP C STA. 5+00.00 =
S.R. 4 STA. 584+00.00 (42' LT.)
N 285986.5592
E 792696.1866

BEGIN RAMP D STA. 5+97.42 =
WINCHESTER STA. 91+67.60
N 285005.6808
E 793783.9860

BEGIN RAMP B STA. 5+65.17 =
WINCHESTER STA. 88+03.74
N 285027.6336
E 793420.7896

END RAMP D1 STA. 7+50.60 = 0' RT.
RAMP D STA. 7+50.60

END RAMP A STA. 18+15.73 =
WINCHESTER STA. 92+04.65

BEGIN RAMP A STA. 5+00.00 =
S.R. 4 STA. 556+00.00 (47' RT.)
N 283995.1758
E 794666.1675

BEGIN RAMP A1 PC STA. 15+72.97 =
RAMP A STA. 15+72.97 (12'RT.)
N 284825.1961
E 793986.1059

END RAMP A1 PT STA. 17+47.46 =
WINCHESTER STA. 94+34.35 (42' RT.)

BEGIN RAMP D1 STA. 5+00.00 = 54' LT.
WINCHESTER STA. 93+44.00
N 285049.3407
E 793963.2264

STA. 570+62.91 S.R. 4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

END RAMP D STA. 17+29.21 =
S.R. 4 STA. 580+48.52 (59' RT.)

PLAN
IN
HAND

WINCHESTER RAMP B1
CURVE B14
PI 5+93.04
N 284,976.6614
E 793,370.5549
Δ 34° 27' 40" (RT)
D 19° 05' 55"
R 300.00
L 180.44
T 93.04
SE = 0.040 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 110

WINCHESTER RAMP B
CURVE B22
PI 16+29.43
N 284,334.6966
E 794,191.3621
Δs 8° 00' 03" (RT)
Θs 1° 30' 00"
Δc 5° 00' 03" (RT)
Dc 2° 00' 00"
Rc 2,864.79
Lc 250.05
Ts 275.37
Ls 150.00
SE 0.038 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 150

WINCHESTER RAMP B
CURVE B24
PI 6+51.40
N 284,941.5698
E 793,415.4226
Δ 55° 32' 20" (LT)
D 68° 12' 33"
R 84.00
L 81.42
T 44.23
SE=RC

WINCHESTER RAMP A1
CURVE A11
PI 17+46.70
N 284,958.3417
E 793,874.5037
Δ 133° 18' 01" (RT)
D 76° 23' 40"
R 75.00
L 174.49
T 173.73
SE = NC

℄ RAMP D
B1 = N 3° 19' 51" E
℄ RAMP B
B2 = S 3° 34' 06" W
℄ RAMP B1
B3 = S 51° 58' 14" E

WINCHESTER RAMP C1
CURVE C11
PI 16+15.04
N 285,074.8608
E 793,338.2757
Δ 129° 20' 28" (RT)
D 95° 29' 35"
R 60.00
L 135.45
T 126.76
SE = NC

WINCHESTER RAMP D1
CURVE D17
PI 6+29.57
N 285,056.8686
E 793,833.8772
Δ 35° 53' 47" (RT)
D 14° 19' 26"
R 400.00
L 250.60
T 129.57
SE = 0.040 FT/FT
DESIGN SPEED 45 MPH

WINCHESTER RAMP D
CURVE D23
PI 15+04.62
N 285,615.6436
E 793,149.4128
Δs 10° 00' 00" (RT)
Θs 4° 00' 00"
Δc 2° 00' 00" (RT)
Dc 4° 00' 00"
Rc 1,432.39
Lc 50.00
Ts 225.40
Ls 200.00
SE 0.063 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 200

WINCHESTER RAMP D
CURVE D25
PI 6+85.32
N 285,093.4292
E 793,789.0928
Δ 54° 06' 13" (LT)
D 68° 12' 33"
R 84.00
L 79.32
T 42.90
SE=RC

℄ S.R. 4
CURVE DC3
PI 574+37.22
N 285,284.8120
E 793,356.7980
Δ 3° 11' 48" (RT)
D 1° 00' 00"
R 5,729.58
L 319.67
T 159.88
SE = NC
DESIGN SPEED 50 MPH

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOMETRY SHEET
S.R. 4 & WINCHESTER INTERCHANGE

SCALE: 1"= 100'

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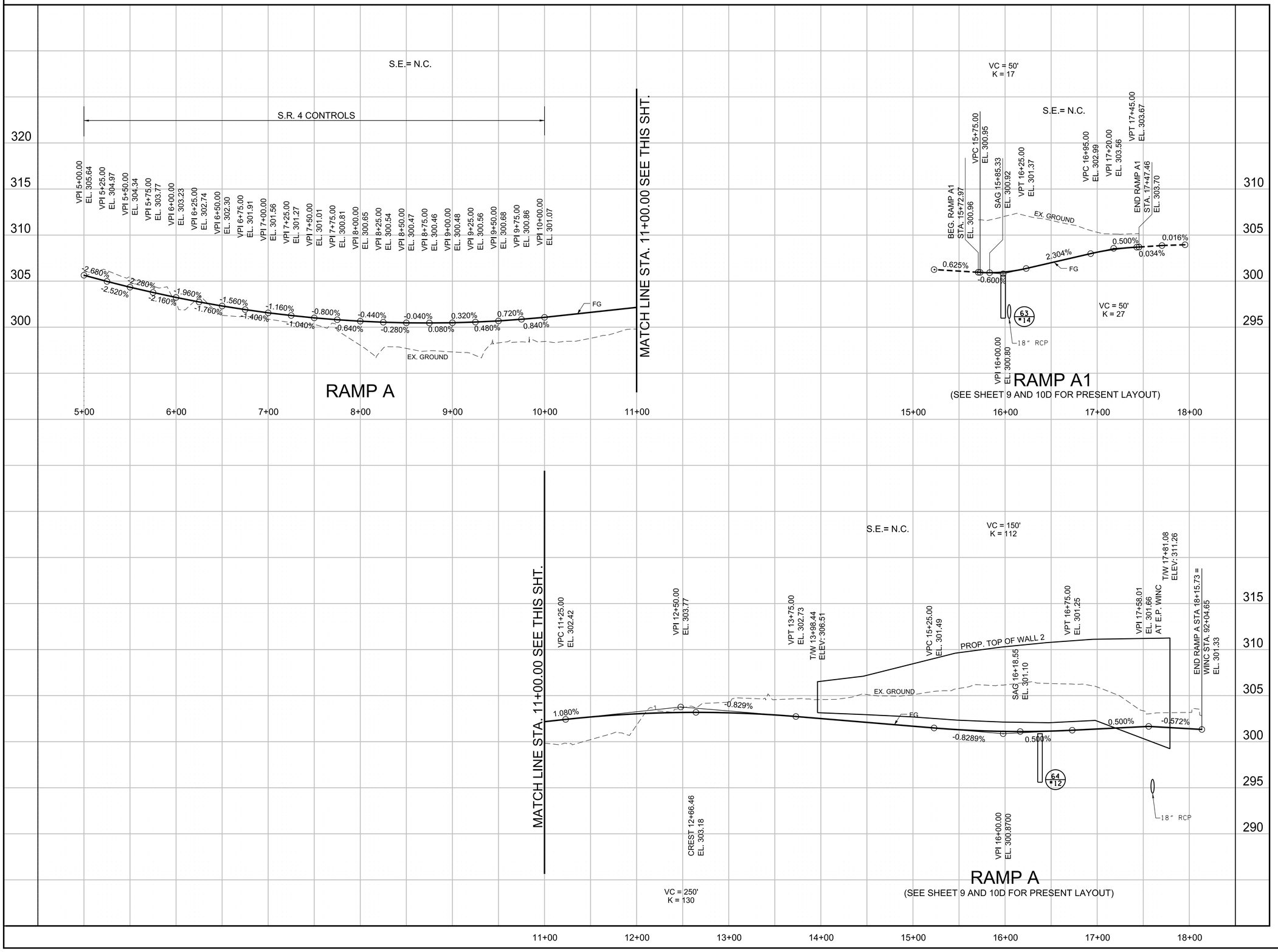
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	24A
PIH	2026	STP/NH-4(6)	24A

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED WALL #2.



PLAN
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HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES WINCHESTER INTERCHANGE RAMP

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

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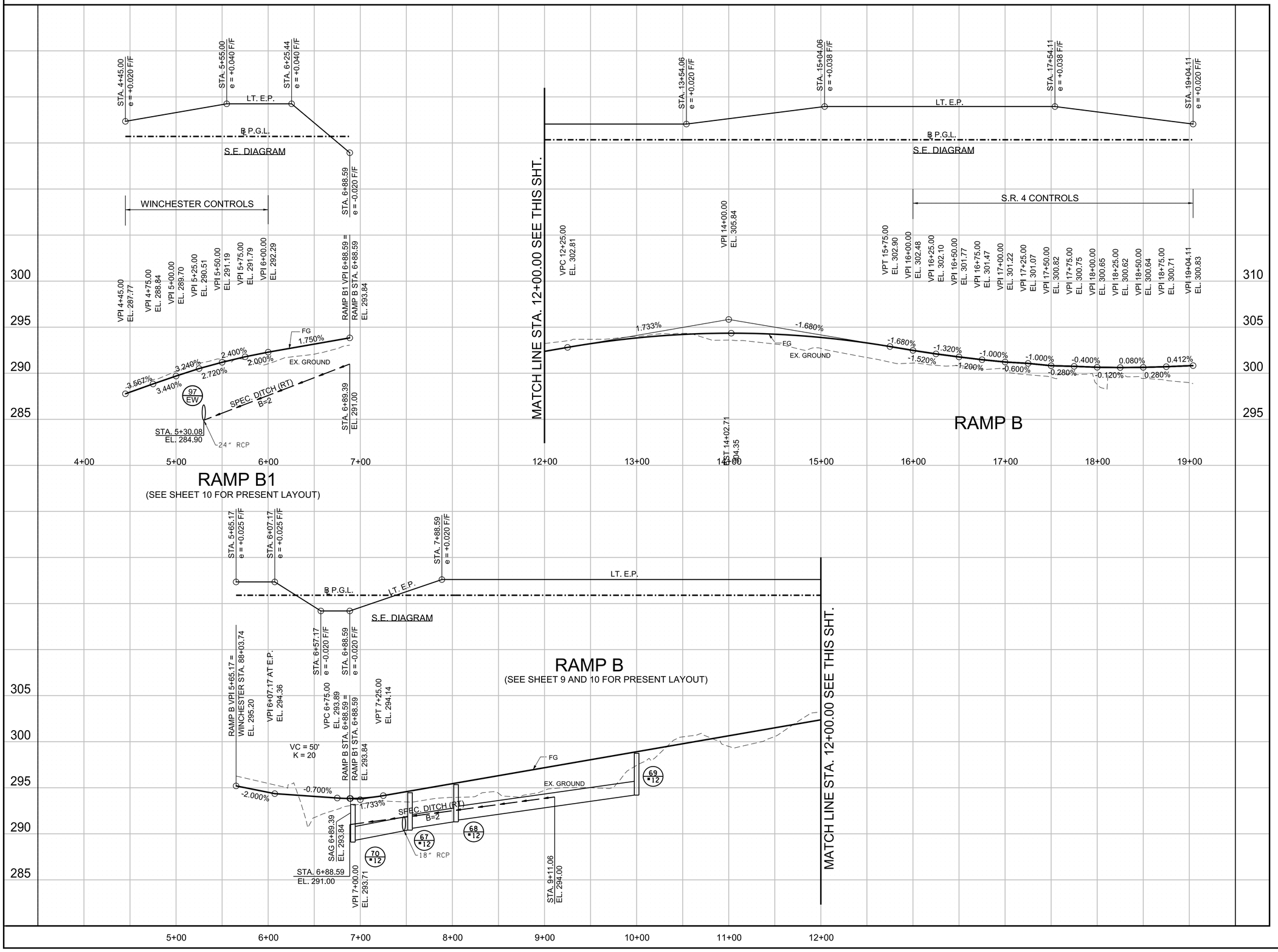
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	24B
PIH	2026	STP/NH-4(6)	24B

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES WINCHESTER INTERCHANGE RAMP

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

3/10/2026 1:14:26 PM
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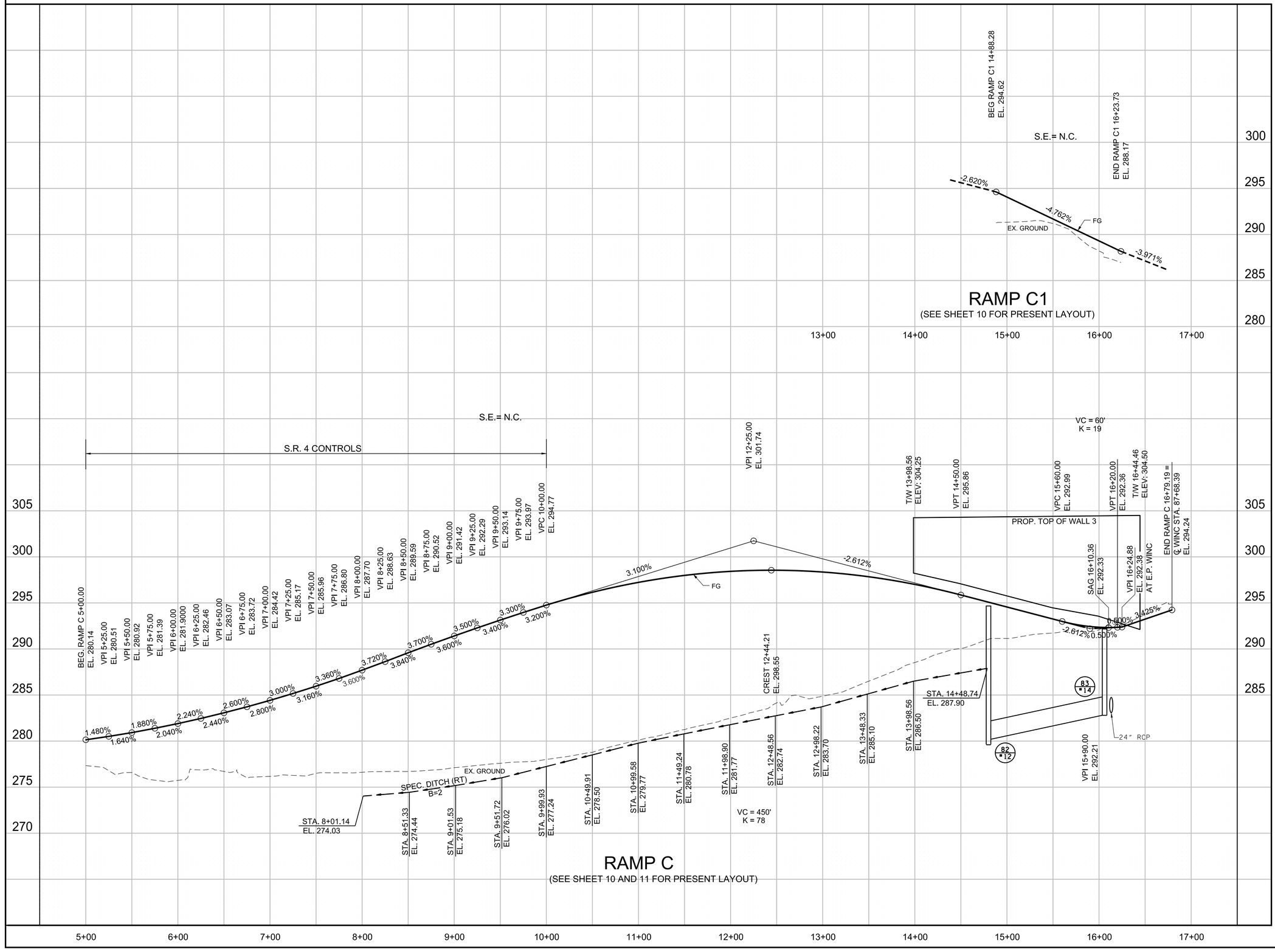
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	24C
PIH	2026	STP/NH-4(6)	24C

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED WALL#3.



R.O.W.

PLANS

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES WINCHESTER INTERCHANGE RAMP

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

3/10/2026 1:14:27 PM
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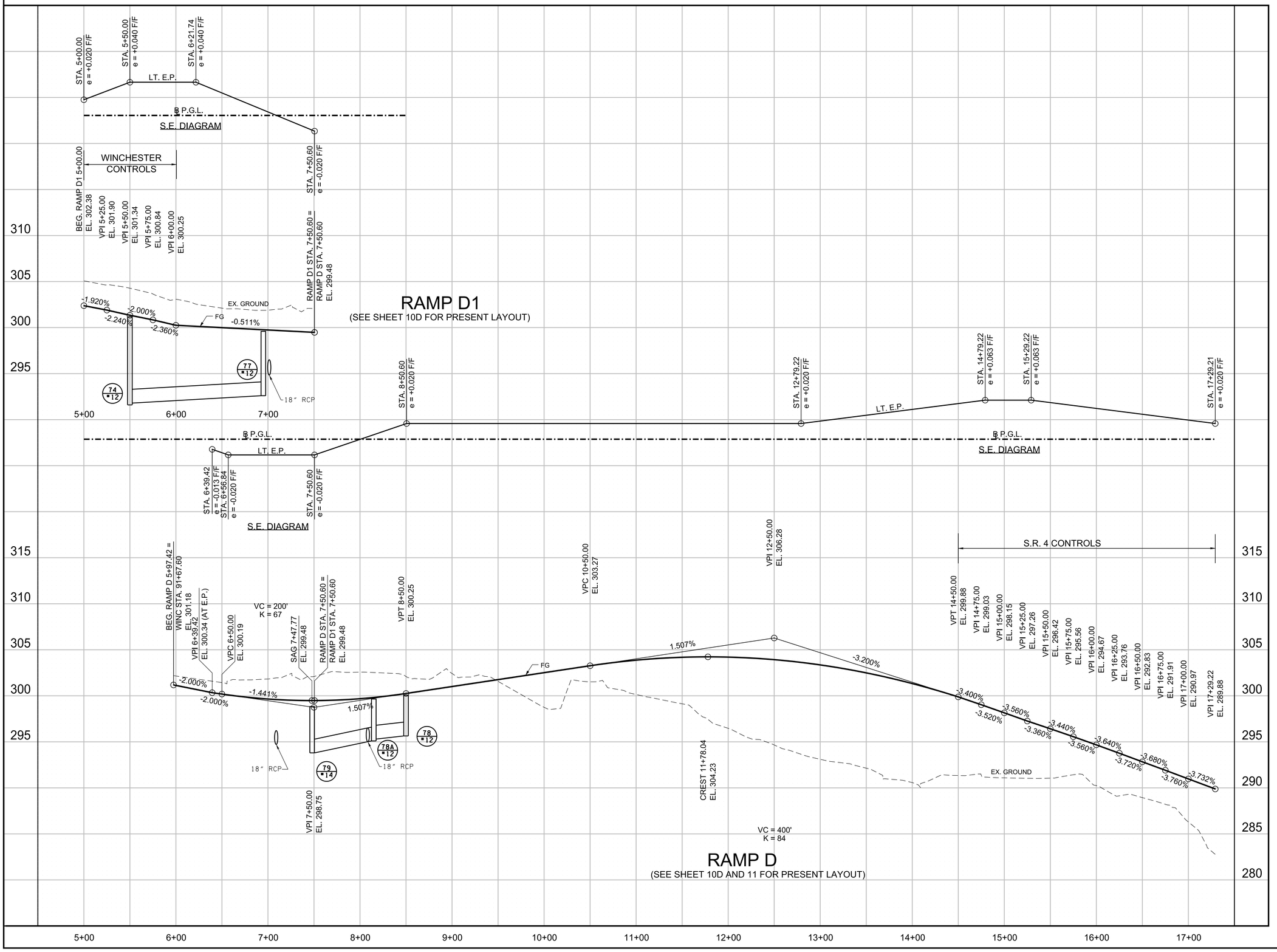
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	24D
PIH	2026	STP/NH-4(6)	24D

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN
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HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES WINCHESTER INTERCHANGE RAMP

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	25
PIH	2026	STP/NH-4(6)	25

REV. 11-29-21: REVISED STA. ON END PROJ. FOR ROW
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

N

135 140 145 150 600 595 590 125 15

STA. 599+58.71 S.R.4 =
STA. 1+00.00 RAMP B
N 287190.2659
E 791705.3545

STA. 598+20.11 S.R.4 =
STA. 148+08.91 GETWELL
N 287087.6366
E 791798.5003

STA. 599+64.06 S.R.4 =
STA. 10+00.00 RAMP C
N 287194.2274
E 791701.7539

POT 4+93.62
S 18° 13' 12" W
℄ RAMP B
S 34° 20' 55" W
℄ RAMP C
POT 5+55.51
PT 141+62.62
C34
PC 132+15.15
N 1° 29' 58" E
N 27° 33' 59" E
PT 598+68.27
℄ S.R.176(GETWELL RD)
SC 155+59.15
C35
DC-4
TS 153+84.15
N 62° 26' 01" W
PT 16+02.04
PC 595+69.13
N 49° 10' 35" E
℄ RAMP A
PC 13+68.29
C11
℄ S.R.4(LAMAR AVE)
STA. 592+43.32 S.R.4 =
STA. 110+00.00 CLEARPOOL (B)
N 286652.6369
E 792177.2522
STA. 596+91.65 S.R.4 =
STA. 10+09.45 RAMP A
N 286991.7337
E 791883.9669
STA. 152+61.25 GETWELL =
STA. 17+42.77 RAMP A
N 287487.5581
E 792007.2756
℄ CLEARPOOL (B)
POT 125+61.55

℄ LAMAR AVE
CURVE DC-4
PI 597+18.71
N 287,012.6552
E 791,866.7898
Δ 1° 29' 45" (LT)
D 0° 30' 00"
R 11,459.16
L 299.14
T 149.58
SE = NC
V = 50mph

℄ GETWELL
CURVE C34
PI 136+97.44
N 286,087.5509
E 791,276.4148
Δ 26° 04' 01" (RT)
D 2° 45' 00"
R 2,083.48
L 947.89
T 482.29
SE = 3.1%
V = 45 MPH
TRANS. LENGTH 200

℄ GETWELL
CURVE C35
PI 161+72.50
N 288,296.4260
E 792,429.5380
Δs 52° 06' 57" (LT)
Θs 3° 30' 00"
Δc 45° 06' 57" (LT)
D 4° 00' 00"
R 1,432.39
Lc 1,127.90
Ts 788.34
Ls 175.00
SE = 2.05%
V = 45mph

℄ RAMP A
CURVE C11
PI 15+44.89
N 287,341.7701
E 792,289.1501
Δ 111° 36' 36" (LT)
D 47° 44' 47"
R 120.00
L 233.76
T 176.61

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOMETRY SHEET S.R. 4 & GETWELL INTERCHANGE

SCALE: 1"= 100'

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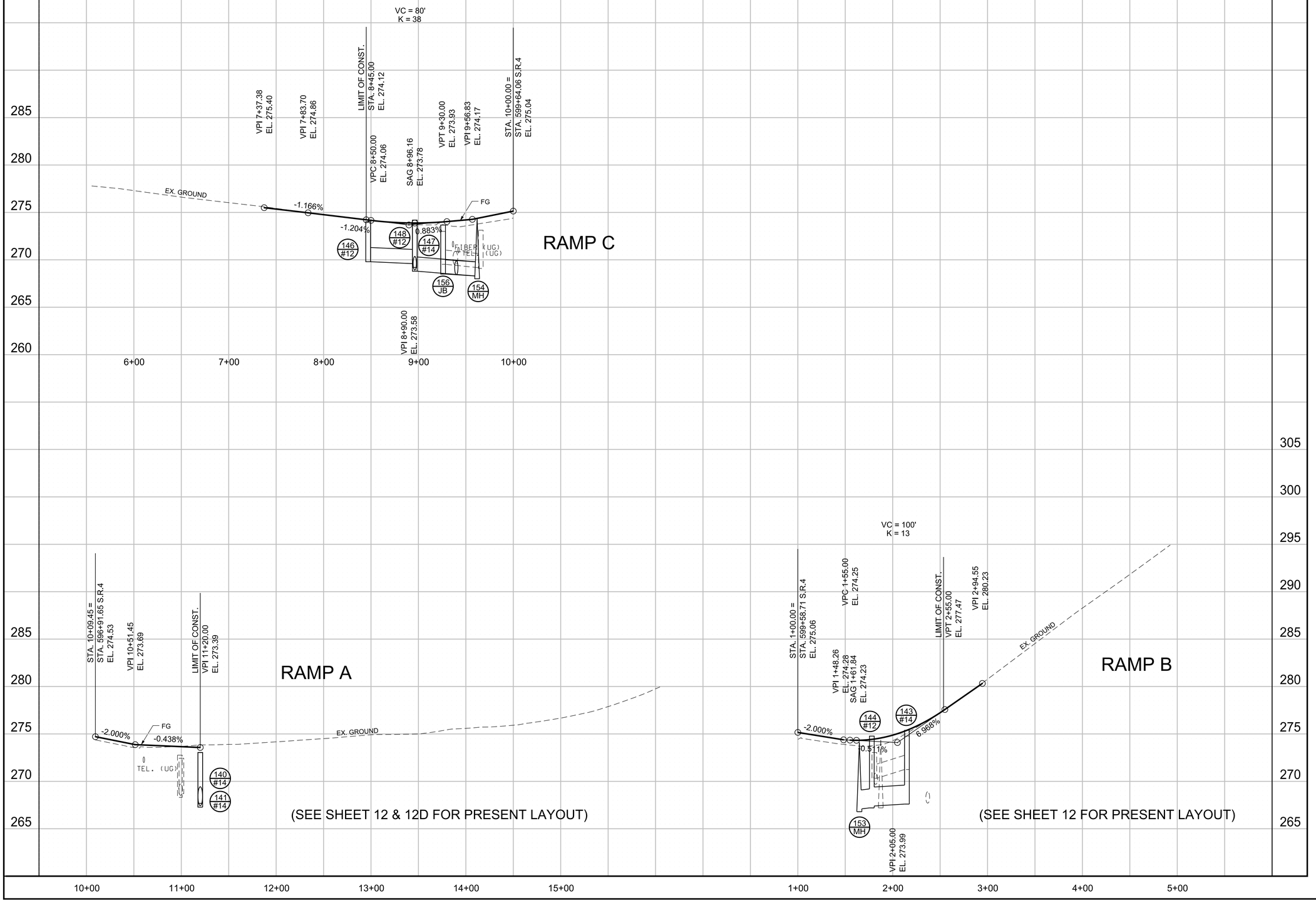
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	25A
PIH	2026	STP/NH-4(6)	25A

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

(SEE SHEET 12 FOR PRESENT LAYOUT)



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILES GETWELL INTERCHANGE RAMP

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	26
PIH	2026	STP/NH-4(6)	26

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

3 DRAINAGE DATA FOR
STATION: 19+99.08
EXISTING STRUCTURE: 48" CMP

INLET ELEVATION	295.57	
OUTLET ELEVATION	294.50	
SKEW	90	DEG.
DRAINAGE AREA	44.9	AC.
FLOW	RIGHT TO LEFT	
TERRAIN		
IMPERVIOUS AREA		%
DISCHARGE (Q50)	134.00	CFS
DISCHARGE (Q100)	143.00	CFS
VELOCITY (Q50)	10.66	FT/S
VELOCITY (Q100)	11.38	FT/S

1 DRAINAGE DATA FOR
STATION: 509+52.11
EXISTING STRUCTURE: 36" RCP

INLET ELEVATION	299.81	
OUTLET ELEVATION	298.10	
SKEW	50	DEG.
DRAINAGE AREA	28.33	AC.
FLOW	LEFT TO RIGHT	
TERRAIN		
IMPERVIOUS AREA		%
DISCHARGE (Q50)	89.20	CFS
DISCHARGE (Q100)	95.20	CFS
VELOCITY (Q50)	12.62	FT/S
VELOCITY (Q100)	13.47	FT/S

495 500 505 510 515

~~END PROJ. R NH 4(11) CONST.~~
~~℄ STA. 504+30.00~~

℄ S.R. 4 STA. 513+78.86 =
℄ PERKINS/RAINES STA. 18+05.73
N 280100.5470
E 796078.1487

79020-2253-14
BEGIN PROJ. NO. STP/NH-4(6)PLAN-IN-HAND
℄ STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987

79020-2253-14(ROW)
BEGIN PROJ. NO. STP-NH-4(6)
℄ S.R. 4 STA. 515+92.67
(LM 3.73)
N 280271.9560
E 795950.4350

5 DRAINAGE DATA FOR
STATION: 14+21.33
EXISTING STRUCTURE: 24" RCP

INLET ELEVATION	299.65	
OUTLET ELEVATION	299.24	
SKEW	60	DEG.
DRAINAGE AREA	6.23	AC.
FLOW	LEFT TO RIGHT	
TERRAIN		
IMPERVIOUS AREA		%
DISCHARGE (Q50)	30.60	CFS
DISCHARGE (Q100)	31.40	CFS
VELOCITY (Q50)	9.74	FT/S
VELOCITY (Q100)	9.99	FT/S

2 DRAINAGE DATA FOR
STATION: 511+42.53
EXISTING STRUCTURE: 24" RCP

INLET ELEVATION	298.65	
OUTLET ELEVATION	296.82	
SKEW	90	DEG.
DRAINAGE AREA	5.27	AC.
FLOW	LEFT TO RIGHT	
TERRAIN		
IMPERVIOUS AREA		%
DISCHARGE (Q50)	26.60	CFS
DISCHARGE (Q100)	27.80	CFS
VELOCITY (Q50)	8.47	FT/S
VELOCITY (Q100)	8.85	FT/S

4 DRAINAGE DATA FOR
STATION: 25+58.37
EXISTING STRUCTURE: 54" CMP

INLET ELEVATION	294.95	
OUTLET ELEVATION	294.12	
SKEW	90	DEG.
DRAINAGE AREA	68	AC.
FLOW	RIGHT TO LEFT	
TERRAIN		
IMPERVIOUS AREA		%
DISCHARGE (Q50)	103.00	CFS
DISCHARGE (Q100)	125.00	CFS
VELOCITY (Q50)	6.48	FT/S
VELOCITY (Q100)	7.86	FT/S

PIDGEON ROOST RD.
LAMAR AVE.
N 47° 56' 42" W
℄ S.R. 4
℄ RAMP C1
℄ RAMP C1A
E.B. ℄ RAINES RD.
W.B. ℄ RAINES RD.
℄ RAMP A1
℄ RAMP A
WTL-11
℄ RAMP D
STR-9
TS 507+41.98
SC 510+97.98
℄ PERKINS RD.
℄ RAMP C2
℄ RAMP C2A
℄ RAMP F1
TEN MILE CREEK
MATCH LINE STA. 520+00 SEE SHT. NO. 27

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

BEGIN PROJ. TO STA. 520+00
SCALE: 1"= 100'

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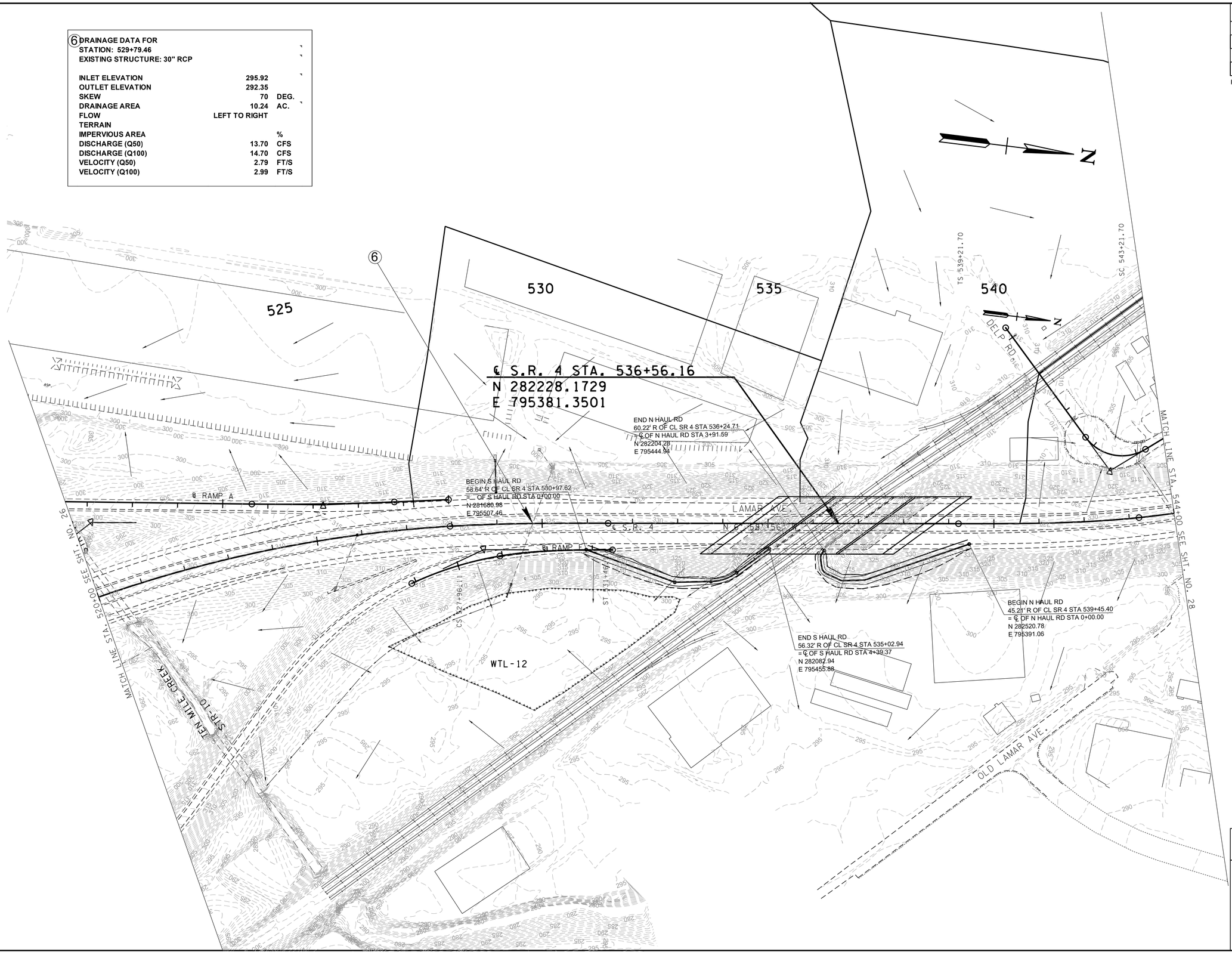
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	27
PIH	2026	STP/NH-4(6)	27

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

⑥ DRAINAGE DATA FOR
STATION: 529+79.46
EXISTING STRUCTURE: 30" RCP

INLET ELEVATION	295.92	
OUTLET ELEVATION	292.35	
SKEW	70	DEG.
DRAINAGE AREA	10.24	AC.
FLOW	LEFT TO RIGHT	
TERRAIN		
IMPERVIOUS AREA		%
DISCHARGE (Q50)	13.70	CFS
DISCHARGE (Q100)	14.70	CFS
VELOCITY (Q50)	2.79	FT/S
VELOCITY (Q100)	2.99	FT/S



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 520+00 TO STA. 544+00
SCALE: 1"= 100'

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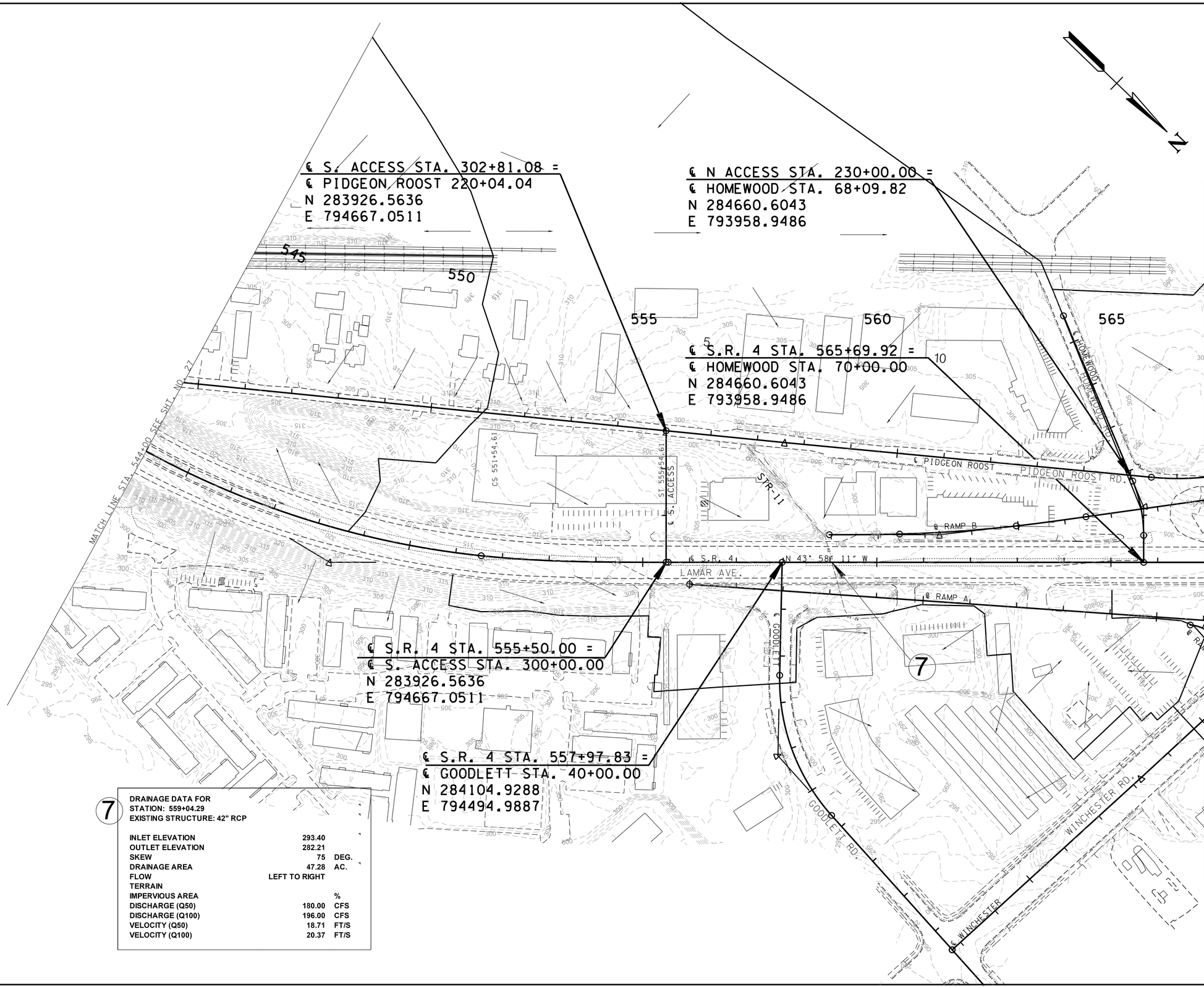
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	28
PIH	2026	STP/NH-4(6)	28

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



7

DRAINAGE DATA FOR
STATION: 559+04.29
EXISTING STRUCTURE: 42" RCP

INLET ELEVATION	293.40	
OUTLET ELEVATION	282.21	
SKEW	75	DEG.
DRAINAGE AREA	47.28	AC.
FLOW	LEFT TO RIGHT	
TERRAIN		
IMPERVIOUS AREA		%
DISCHARGE (Q50)	180.00	CFS
DISCHARGE (Q100)	196.00	CFS
VELOCITY (Q50)	18.71	FT/S
VELOCITY (Q100)	20.37	FT/S

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE
MAP

STA. 544+00 TO STA. 567+00
SCALE: 1"= 100'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	29
PIH	2026	STP/NH-4(6)	29

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

℄ WINCHESTER STA. 84+70.00 =
℄ N ACCESS STA. 240+60.30
N 285049.5784
E 793087.7864

℄ S.R. 4 STA. 577+08.42 =
℄ CLEARPOOL (A) STA. 110+00.00
N 285490.2534
E 793179.6351

℄ S.R. 4 STA. 592+43.32 =
℄ CLEARPOOL <B> STA. 120+00.00
N 286652.6369
E 792177.2523

℄ S.R. 4 STA. 570+62.91 =
℄ WINCHESTER STA. 90+00.00
N 285015.4181
E 793616.6726

570 575 580 585 590

15

℄ N. ACCESS
℄ WINCHESTER RD.
℄ RAMP B1
℄ RAMP B
℄ RAMP C
℄ RAMP A
℄ RAMP D
℄ RAMP D1
℄ S.R. 4
LAMAR AVE.
N 40° 46' 22" W
℄ CLEARPOOL
CLEARPOOL RD.
PC 572+17.35
PT 575+97.02

MATCH LINE STA. 567+00 SEE SHT. NO. 28

MATCH LINE STA. 593+00 SEE SHT. NO. 30

⑧ DRAINAGE DATA FOR
STATION: 582+74.28
EXISTING STRUCTURE: 9' X 5' B.C.

SKEW	75	DEG.
DRAINAGE AREA	62.4	AC.
FLOW	LEFT TO RIGHT	
TERRAIN		
IMPERVIOUS AREA		%
DISCHARGE (Q50)	303.00	CFS
DISCHARGE (Q100)	322.00	CFS
VELOCITY (Q50)	7.55	FT/S
VELOCITY (Q100)	7.67	FT/S

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 567+00 TO STA. 593+00
SCALE: 1"= 100'

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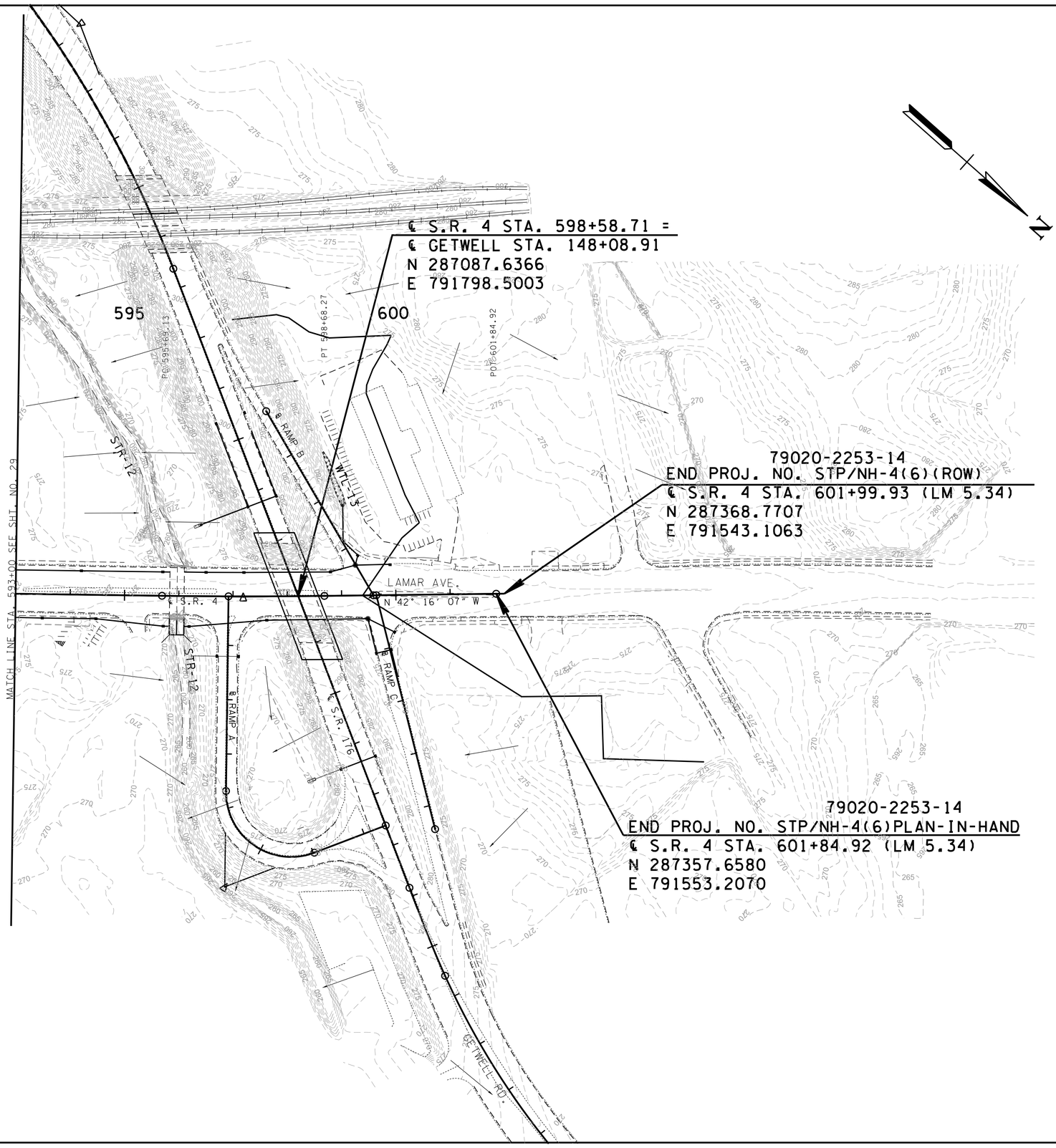
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	30
PIH	2026	STP/NH-4(6)	30

REV. 11-29-21: REVISED STA. ON END PROJ. FOR ROW

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 593+00 TO END PROJECT

SCALE: 1"= 100'

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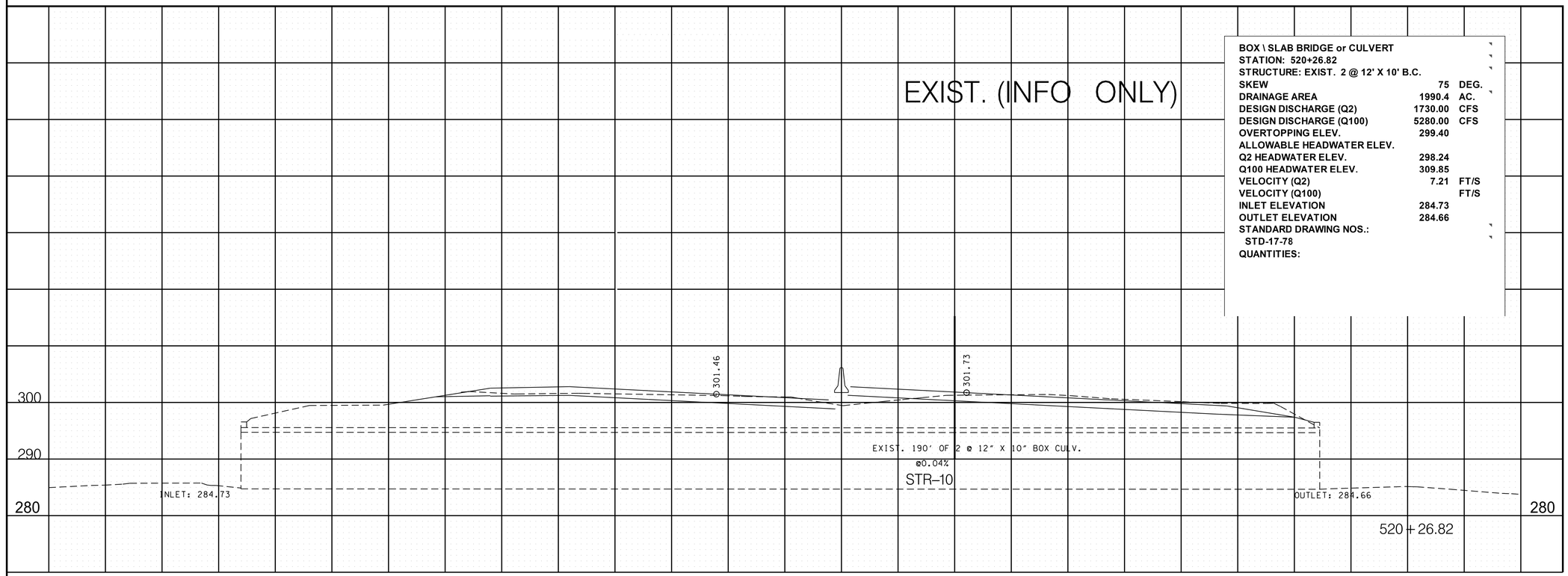
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	31
PIH	2026	STP/NH-4(6)	31

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

BOX \ SLAB BRIDGE or CULVERT
STATION: 520+26.82
STRUCTURE: EXIST. 2 @ 12' X 10' B.C.

SKEW	**75**	**DEG.**
DRAINAGE AREA	**1990.4**	**AC.**
DESIGN DISCHARGE (Q2)	**1730.00**	**CFS**
DESIGN DISCHARGE (Q100)	**5280.00**	**CFS**
OVERTOPPING ELEV.	**299.40**	
ALLOWABLE HEADWATER ELEV.		
Q2 HEADWATER ELEV.	**298.24**	
Q100 HEADWATER ELEV.	**309.85**	
VELOCITY (Q2)	**7.21**	**FT/S**
VELOCITY (Q100)		**FT/S**
INLET ELEVATION	**284.73**	
OUTLET ELEVATION	**284.66**	

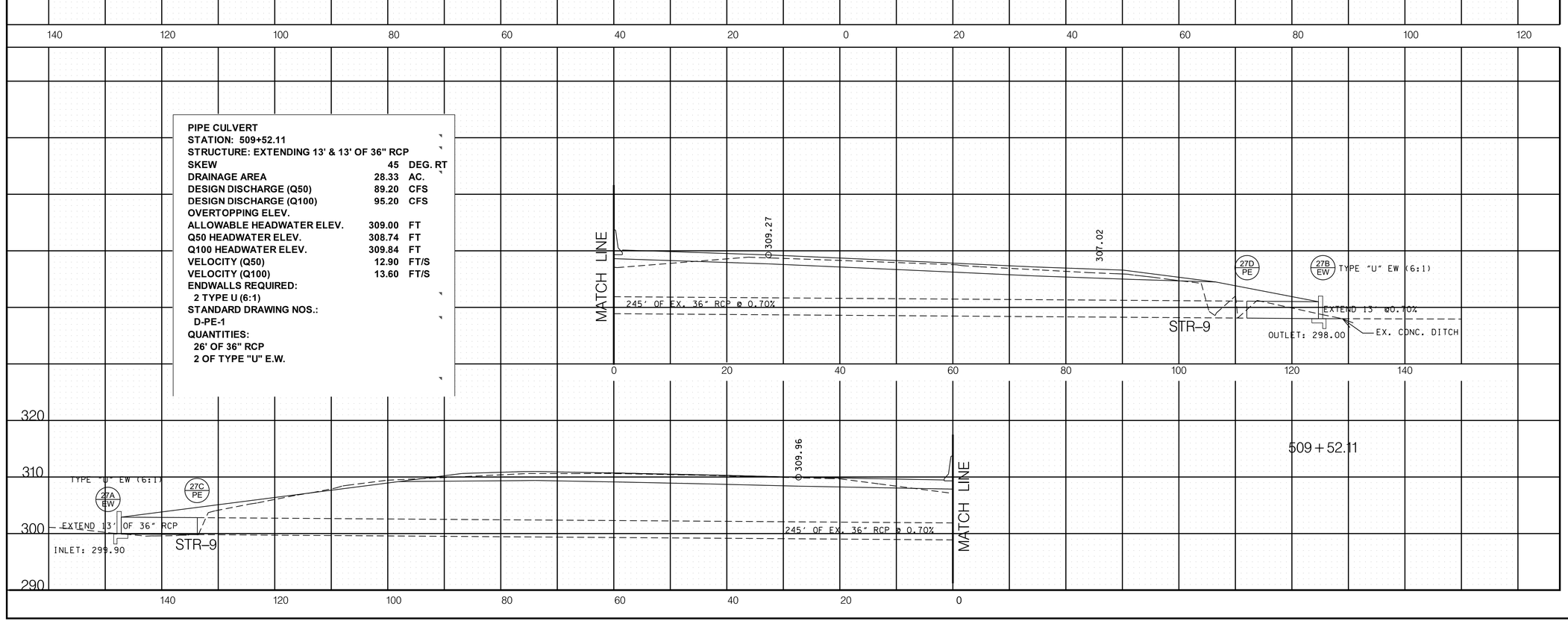
STANDARD DRAWING NOS.:
STD-17-78
QUANTITIES:



PIPE CULVERT
STATION: 509+52.11
STRUCTURE: EXTENDING 13' & 13' OF 36" RCP

SKEW	**45**	**DEG. RT**
DRAINAGE AREA	**28.33**	**AC.**
DESIGN DISCHARGE (Q50)	**89.20**	**CFS**
DESIGN DISCHARGE (Q100)	**95.20**	**CFS**
OVERTOPPING ELEV.		
ALLOWABLE HEADWATER ELEV.	**309.00**	**FT**
Q50 HEADWATER ELEV.	**308.74**	**FT**
Q100 HEADWATER ELEV.	**309.84**	**FT**
VELOCITY (Q50)	**12.90**	**FT/S**
VELOCITY (Q100)	**13.60**	**FT/S**

ENDWALLS REQUIRED:
2 TYPE U (6:1)
STANDARD DRAWING NOS.:
D-PE-1
QUANTITIES:
26' OF 36" RCP
2 OF TYPE "U" E.W.



PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS

STA. 509+52.11 TO STA. 520+26.82

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

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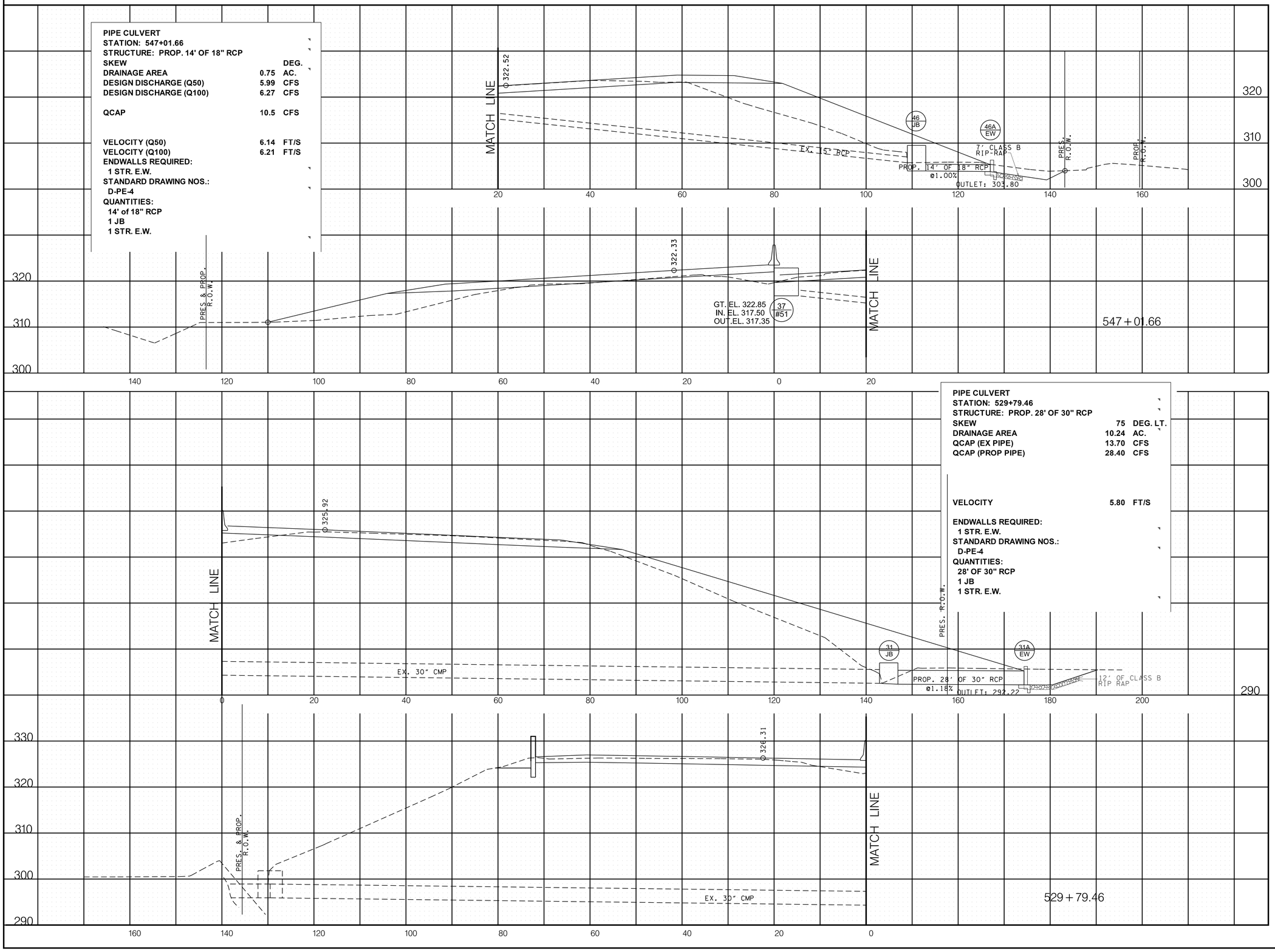
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	32
PIH	2026	STP/NH-4(6)	32

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PIPE CULVERT
STATION: 547+01.66
STRUCTURE: PROP. 14' OF 18" RCP

SKEW		DEG.
DRAINAGE AREA	0.75	AC.
DESIGN DISCHARGE (Q50)	5.99	CFS
DESIGN DISCHARGE (Q100)	6.27	CFS
QCAP	10.5	CFS
VELOCITY (Q50)	6.14	FT/S
VELOCITY (Q100)	6.21	FT/S

ENDWALLS REQUIRED:
1 STR. E.W.
STANDARD DRAWING NOS.:
D-PE-4
QUANTITIES:
14' of 18" RCP
1 JB
1 STR. E.W.



PIPE CULVERT
STATION: 529+79.46
STRUCTURE: PROP. 28' OF 30" RCP

SKEW	75	DEG. LT.
DRAINAGE AREA	10.24	AC.
QCAP (EX PIPE)	13.70	CFS
QCAP (PROP PIPE)	28.40	CFS
VELOCITY	5.80	FT/S

ENDWALLS REQUIRED:
1 STR. E.W.
STANDARD DRAWING NOS.:
D-PE-4
QUANTITIES:
28' OF 30" RCP
1 JB
1 STR. E.W.

PLAN
IN
HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
CROSS-SECTIONS

STA. 529+79.46 TO STA. 547+01.66

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	33
PIH	2026	STP/NH-4(6)	33

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

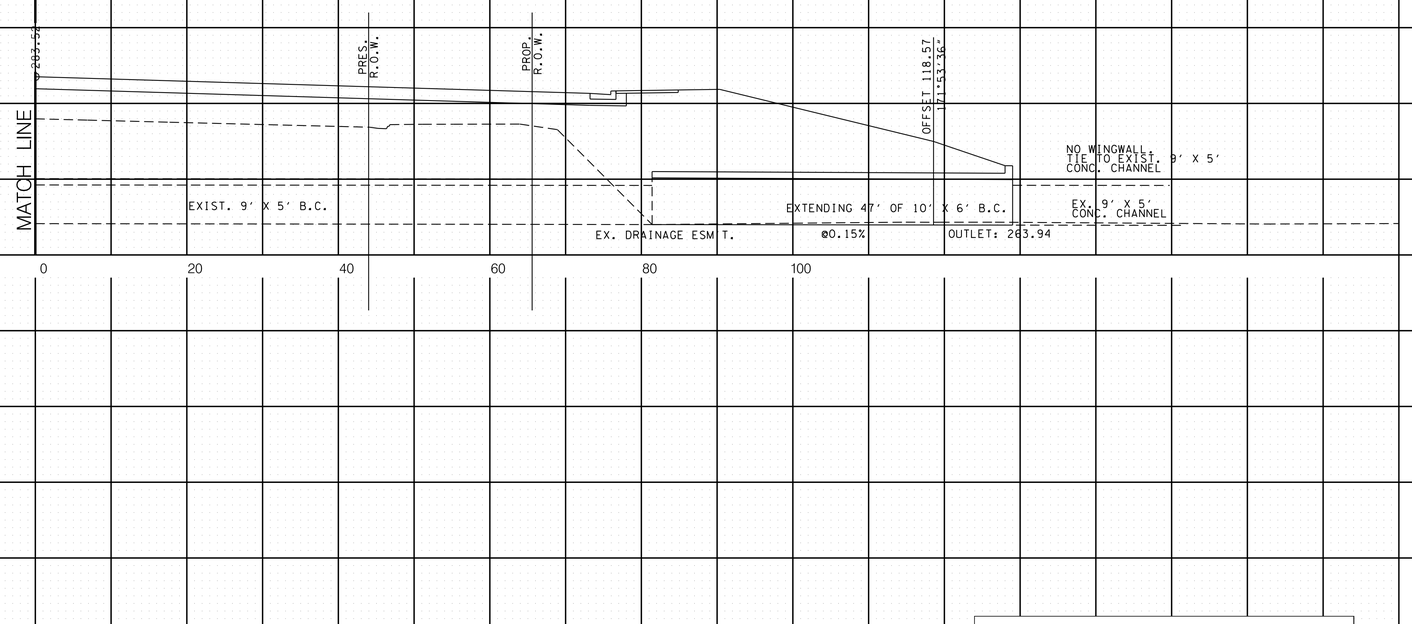
BOX \ SLAB BRIDGE or CULVERT
STATION: 582+74.28
STRUCTURE: EXTENDING 47' OF 10' X 6' B.C.

SKEW	75	DEG. RT.
DRAINAGE AREA	62.4	AC.
DESIGN DISCHARGE (Q50)	303.00	CFS
DESIGN DISCHARGE (Q100)	322.00	CFS
QCAP	404.00	CFS
VELOCITY (Q50)	7.55	FT/S
VELOCITY (Q100)	7.67	FT/S
INLET ELEVATION		
OUTLET ELEVATION	263.93	

STANDARD DRAWING NOS.:
STD-17-54

QUANTITIES:

CLASS "A" CONCRETE	55.0	C.Y.
STEEL BAR REINFORCING	12314.0	LB.
BACKFILL	351.0	TONS
FOUNDATION FILL MATERIAL	14.0	C.Y.



PIPE CULVERT
STATION: 559+04.29
STRUCTURE: EXTENDING 30' OF 42" RCP

SKEW	75	DEG. RT.
DRAINAGE AREA	47.28	AC.
DESIGN DISCHARGE (Q50)	180.00	CFS
DESIGN DISCHARGE (Q100)	196.00	CFS
Q50 MAX OUTFLOW	93.90	CFS
Q100 MAX OUTFLOW	99.30	CFS
Q50 MAX ELEVATION	299.36	FT
Q100 MAX ELEVATION	299.85	FT

ENDWALLS REQUIRED:
1 TYPE "PEW"
STANDARD DRAWING NOS.:
D-PEW-1 & D-PEW-2
QUANTITIES:

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS

STA. 559+04.29 TO STA. 582+74.28

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

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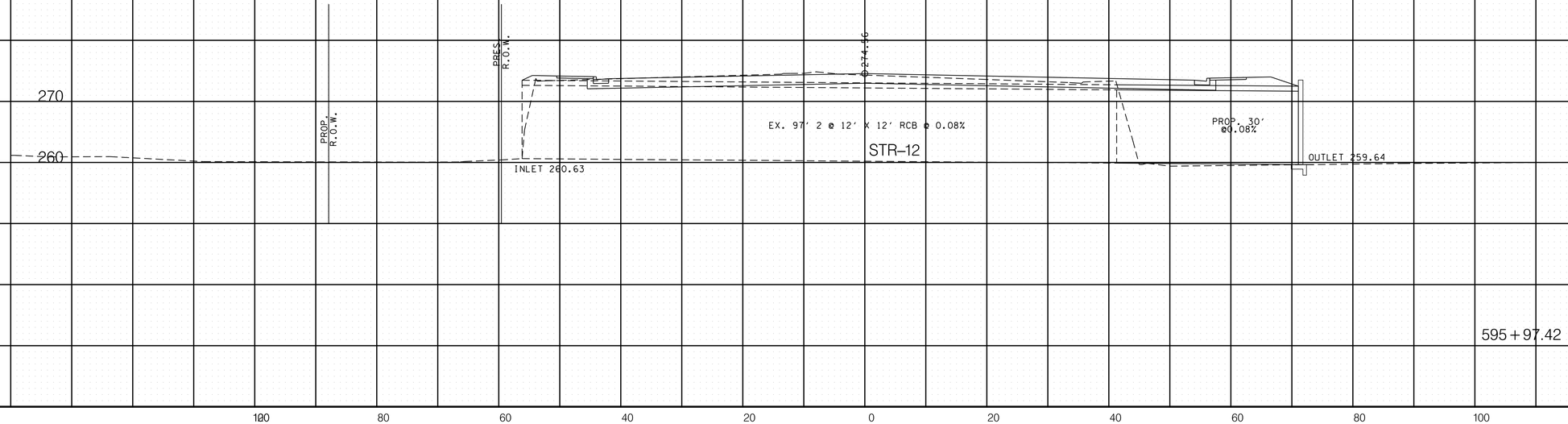
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	34
PIH	2026	STP/NH-4(6)	34

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

BOX \ SLAB BRIDGE or CULVERT		
STATION: 595+97.42		
STRUCTURE: EXTENDING 30' OF 2 @ 12' X 12' B.C.		
SKEW	90	DEG.
DRAINAGE AREA	1216	AC.
DESIGN DISCHARGE (Q50)	2874.00	CFS
DESIGN DISCHARGE (Q100)	3176.00	CFS
OVERTOPPING ELEV.	274.51	
ALLOWABLE HEADWATER ELEV.		
Q50 HEADWATER ELEV.	273.93	
Q100 HEADWATER ELEV.	274.57	
VELOCITY (Q50)	11.31	FT/S
VELOCITY (Q100)		FT/S
INLET ELEVATION	260.63	
OUTLET ELEVATION	259.64	
STANDARD DRAWING NOS.:		
STD-17-78		
QUANTITIES:		
CLASS "A" CONCRETE	96.0	C.Y.
STEEL BAR REINFORCING	21180.0	LB.
BACKFILL	527.0	TONS
FOUNDATION FILL MATERIAL	17.0	C.Y.



PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT CROSS-SECTIONS

STA. 595+97.42

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

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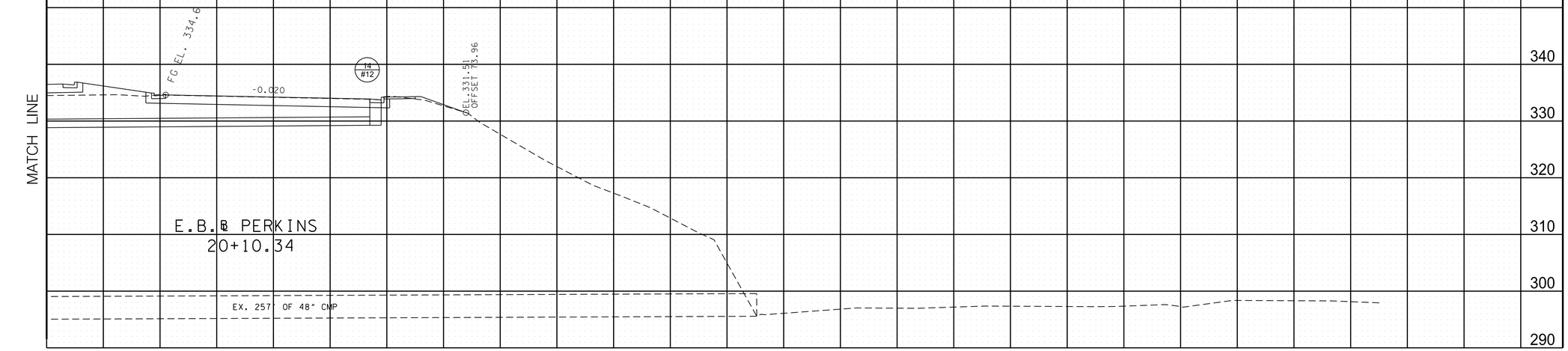
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	35
PIH	2026	STP/NH-4(6)	35

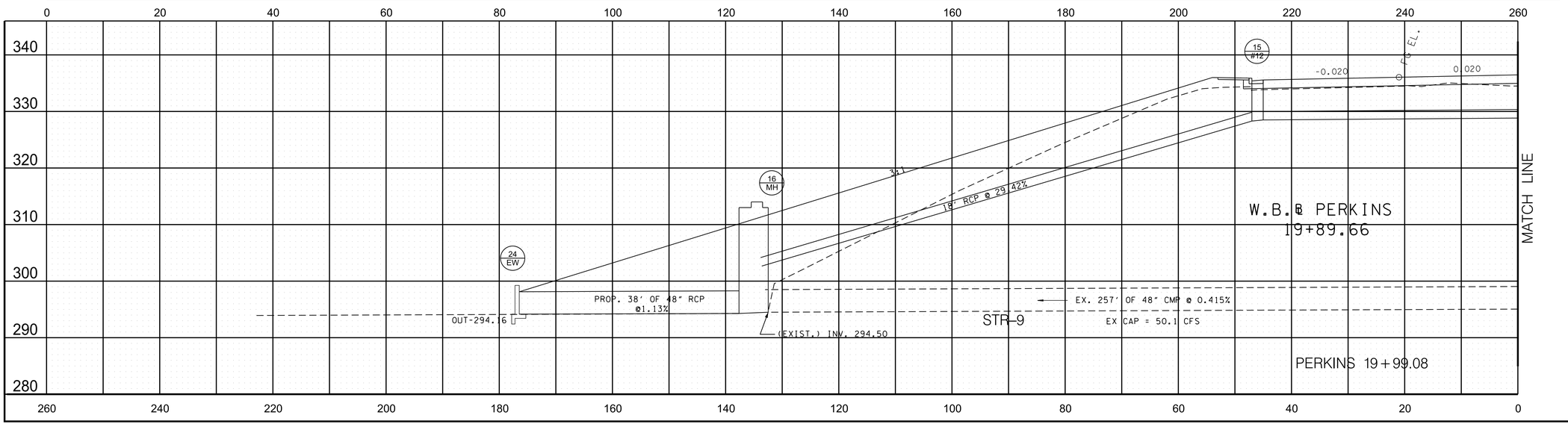
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PIPE CULVERT
STATION: 19+99.08 (PERKINS)
STRUCTURE: PROP. 38' OF 48" RCP

SKEW	90	DEG.
DRAINAGE AREA	44.9	AC.
DESIGN DISCHARGE (Q50)	134.00	CFS
DESIGN DISCHARGE (Q100)	143.00	CFS
OVERTOPPING ELEV.		
ALLOWABLE HEADWATER ELEV.		
Q50 HEADWATER ELEV.	302.96	FT
Q100 HEADWATER ELEV.	303.74	FT
VELOCITY (Q50)	11.60	FT/S
VELOCITY (Q100)	12.16	FT/S

ENDWALLS REQUIRED:
1 TYPE U WITH GRATE
STANDARD DRAWING NOS.:
D-PE-48A & D-PE-48B
QUANTITIES:





PLAN
IN
HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
CROSS-SECTIONS
PERKINS

STA. 19+99.08
SCALE: 1"=10' HORIZ.
1"=10' VERT.

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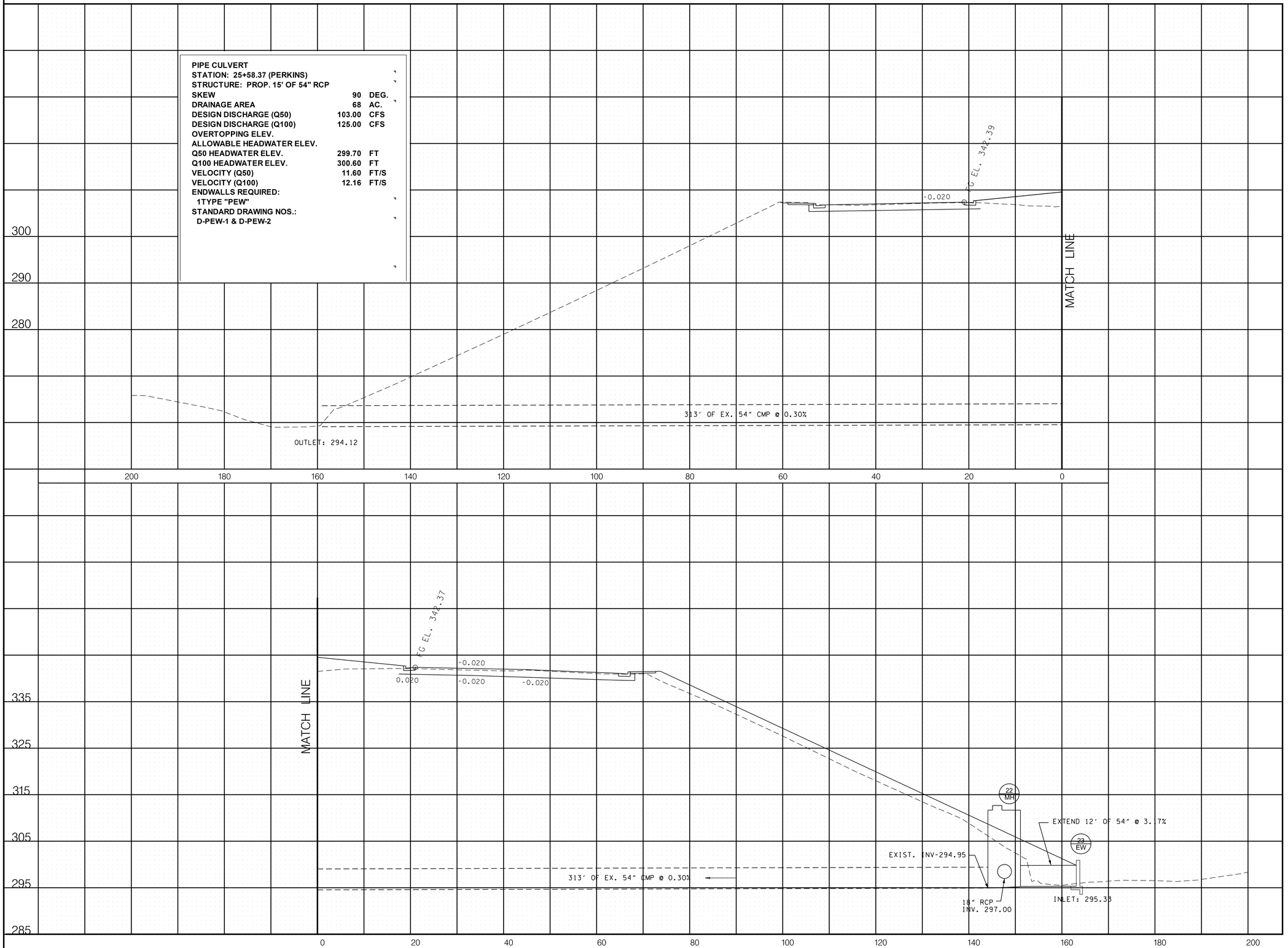
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	36
PIH	2026	STP/NH-4(6)	36

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PIPE CULVERT
STATION: 25+58.37 (PERKINS)
STRUCTURE: PROP. 15' OF 54" RCP

SKEW	90	DEG.
DRAINAGE AREA	68	AC.
DESIGN DISCHARGE (Q50)	103.00	CFS
DESIGN DISCHARGE (Q100)	125.00	CFS
OVERTOPPING ELEV.		
ALLOWABLE HEADWATER ELEV.		
Q50 HEADWATER ELEV.	299.70	FT
Q100 HEADWATER ELEV.	300.60	FT
VELOCITY (Q50)	11.60	FT/S
VELOCITY (Q100)	12.16	FT/S

ENDWALLS REQUIRED:
1TYPE "PEW"
STANDARD DRAWING NOS.:
D-PEW-1 & D-PEW-2



PLAN
IN
HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT
CROSS-SECTIONS
PERKINS

STA. 25+58.37
SCALE: 1"=10' HORIZ.
1"=10' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	37
PIH	2026	STP/NH-4(6)	37

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

ENVIRONMENTAL

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

INSPECTION, MAINTENANCE & REPAIR

(11) EXCEPT AS OTHERWISE SPEFICIED, 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 EXPEOSED SOIL.

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.

SPILL PREVENTION, MANAGEMENT & NOTIFICATION

STREAMS, WETLANDS & BUFFER ZONES

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

PLAN
IN
HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	37A
PIH	2026	STP/NH-4(6)	37A

STAGE 1 OUTFALL TABLE			
SHEET	OUTFALL	AREA (AC)	SLOPE %
38A1	1	0.76	2.7
38A1	2	1.05	2.7
38A2	1	0.76	2.7
38A2	2	1.05	2.7
38B1	3D	1.25	0.5
38B1	4	1.17	2.7
38B2	3D	1.25	0.5
38B2	4	1.17	2.7
38K1	20	0.94	3.6
38K2	20	0.94	3.6

STAGE 2 OUTFALL TABLE			
SHEET	OUTFALL	AREA (AC)	SLOPE %
39A	1	0.76	2.7
39A	2	1.05	2.7
39B	3B	1.05	2.0
39B	3C	1.62	1.5
39B	3D	1.25	0.5
39B	4	1.17	2.7
39C	3	1.88	0.5
39J	19	0.77	0.5
39K	20	0.94	3.6

STAGE 3 OUTFALL TABLE			
SHEET	OUTFALL	AREA (AC)	SLOPE %
40A	1	0.76	2.7
40A	2	1.05	2.7
40B	3A	2.53	1.4
40B	3B	1.05	2.0
40B	3C	1.62	1.5
40B	3D	1.25	0.5
40B	4	1.17	2.7
40C	3	1.88	0.5
40C	5	2.22	2.5
40E	8	2.59	0.8
40F	9	2.02	1.2
40F	9A	0.46	2.6
40F	9D	1.61	2.5
40G	10A	2.00	2.5
40G	10B	2.22	2.5
40G	10C	3.01	3.4
40H	10	2.54	4.0
40H	10D	1.15	4.0
40H	11	0.85	0.5
40H	11A	2.91	0.5
40H	12	2.65	4.0
40H	12A	0.97	4.0
40H	13	1.06	0.5
40J	14	2.40	0.4
40J	15	1.12	0.4
40J	16	2.06	0.4
40J	17	1.04	0.4
40J	18	0.56	2.0
40J	19	0.77	0.5
40K	20	0.94	3.6

STAGE 4 OUTFALL TABLE			
SHEET	OUTFALL	AREA (AC)	SLOPE %
41A	1	0.76	2.7
41A	2	1.05	2.7
41B	3A	2.53	1.4
41B	3B	1.05	2.0
41B	3C	1.62	1.5
41B	3D	1.25	0.5
41B	4	1.17	2.7
41C	3	1.88	0.5
41C	6	0.91	2.6
41E	7	1.20	1.8
42F	9	2.02	1.2
41F	9A	0.46	2.6
41F	9B	1.60	2.6
41F	9C	1.21	3.3
41F	9D	1.61	2.5
41G	10A	2.00	2.5
41G	10B	2.22	2.5
41G	10C	3.01	3.4
41H	10	2.54	4.0
41H	10D	1.15	4.0
41H	11	0.85	0.5
41H	11A	2.91	0.5
41H	12	2.65	4.0
41H	12A	0.97	4.0
41H	13	1.06	0.5
41J	14	2.40	0.4
41J	15	1.12	0.4
41J	16	2.06	0.4
41J	17	1.04	0.4
41J	18	0.56	2.0
41J	19	0.77	0.5
41K	20	0.94	3.6

STAGE 5 OUTFALL TABLE			
SHEET	OUTFALL	AREA (AC)	SLOPE %
42A	1	0.76	2.7
42A	2	1.05	2.7
42B	3A	2.53	1.4
42B	3B	1.05	2.0
42B	3C	1.62	1.5
42B	3D	1.25	0.5
42B	4	1.17	2.7
42C	3	1.88	0.5
42C	5	2.22	2.5
42C	6	0.91	2.6
42E	7	1.20	1.8
42E	8	2.59	0.8
42F	9	2.02	1.2
42F	9A	0.46	2.6
42F	9B	1.60	2.6
42F	9C	1.21	3.3
42F	9D	1.61	2.5
42G	10A	2.00	2.5
42G	10B	2.22	2.5
42G	10C	3.01	3.4
42H	10	2.54	4.0
42H	10D	1.15	4.0
42H	11	0.85	0.5
42H	11A	2.91	0.5
42H	12	2.65	4.0
42H	12A	0.97	4.0
42H	13	1.06	0.5
42J	14	2.40	0.4
42J	15	1.12	0.4
42J	16	2.06	0.4
42J	17	1.04	0.4
42J	18	0.56	2.0
42J	19	0.77	0.5
42K	20	0.94	3.6

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
SFB SFB SFB SFB	SEDIMENT FILTER BAG	EC-STR-2
SF SF SF SF	SILT FENCE	EC-STR-3B
SFB SFB SFB	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6A
SOCK 18" SOCK 18"	18 INCH FILTER SOCK	EC-STR-8
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	CULVERT PROTECTION (TYPE 2)	EC-STR-11A
D	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
2 E	CATCH BASIN PROTECTION (TYPE E)	EC-STR-19
1 TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
	TEMPORARY BERM	EC-STR-27
	TEMPORARY SLOPE DRAIN	EC-STR-27
	TEMPORARY SLOPE DRAIN WITH TEMPORARY BERM	EC-STR-27
IN DIV	INSTREAM DIVERSION	EC-STR-30 EC-STR-30A
4	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A
HVF HVF	HIGH VISIBILITY FENCE	S-F-1
	PROP. CONTOURS	
	EX. CONTOURS	
	LIMITS OF DISTURBANCE	
	SODDED AREAS (STAGE 5)	

NOTES:

1. EXACT LOCATION OF TEMPORARY CONSTRUCTION EXITS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. CATCH BASIN PROTECTION IN THE ROADWAY SHALL BE REPLACED WITH CURB INLET PROTECTION (TYPE 4) AFTER THE CURB IS CONSTRUCTED.

PLAN IN HAND

EPSC QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY					
			Stage 1	Stage 2	Stage 3	Stage 4	Adj. factor	Total
* 203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	217	29	1,036	21	1	1,303
209-02.07	18" TEMPORARY SLOPE DRAIN	L.F.			176		1	176
209-03.21	FILTER SOCK (12 INCH)	L.F.					2	
209-03.22	FILTER SOCK (18 INCH)	L.F.	8,942	4,279	12,803	9,929	2	71,906
209-05	SEDIMENT REMOVAL	C.Y.					1	1,240
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	1,716	886	4,522	789	3	23,739
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	9,206	12,001	21,860	5,546	3	145,839
209-08.07	ROCK CHECK DAM PER	EACH	4		19	15	1	38
209-08.08	ENHANCED ROCK CHECK DAM	EACH			4	2	1	6
209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH			1	1	2	4
209-09.41	CURB INLET PROTECTION (TYPE 2)	EACH	1				1	1
209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	6	15	16	84	1	121
209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH					1	
209-40.34	CATCH BASIN PROTECTION (TYPE E)	EACH	17	9	112	34	1	172
209-65.04	TEMPORARY INSTREAM DIVERSION	L.F.			232	232	2	928
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	15		30	17	1	62
707-08.11	HIGH VISIBILITY CONSTRUCTION FENCE	LF	1,830	1,483	3,086	665	1	7,064
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	150	200		150	1	500
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	70		215	150	1	435
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	934	345	1,828	534	1	3,641

NOTE: SEE SUBSECTION 209.07 OF THE T.D.O.T. STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
*NOTE: THIS ITEM WILL NOT BE PAID DIRECTLY UNDER 203-01. REFER TO ESTIMAGE GRADING QUANTITIES IN SHEET 2F4.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) LEGEND, OUTFALL TABLES & TABULATION

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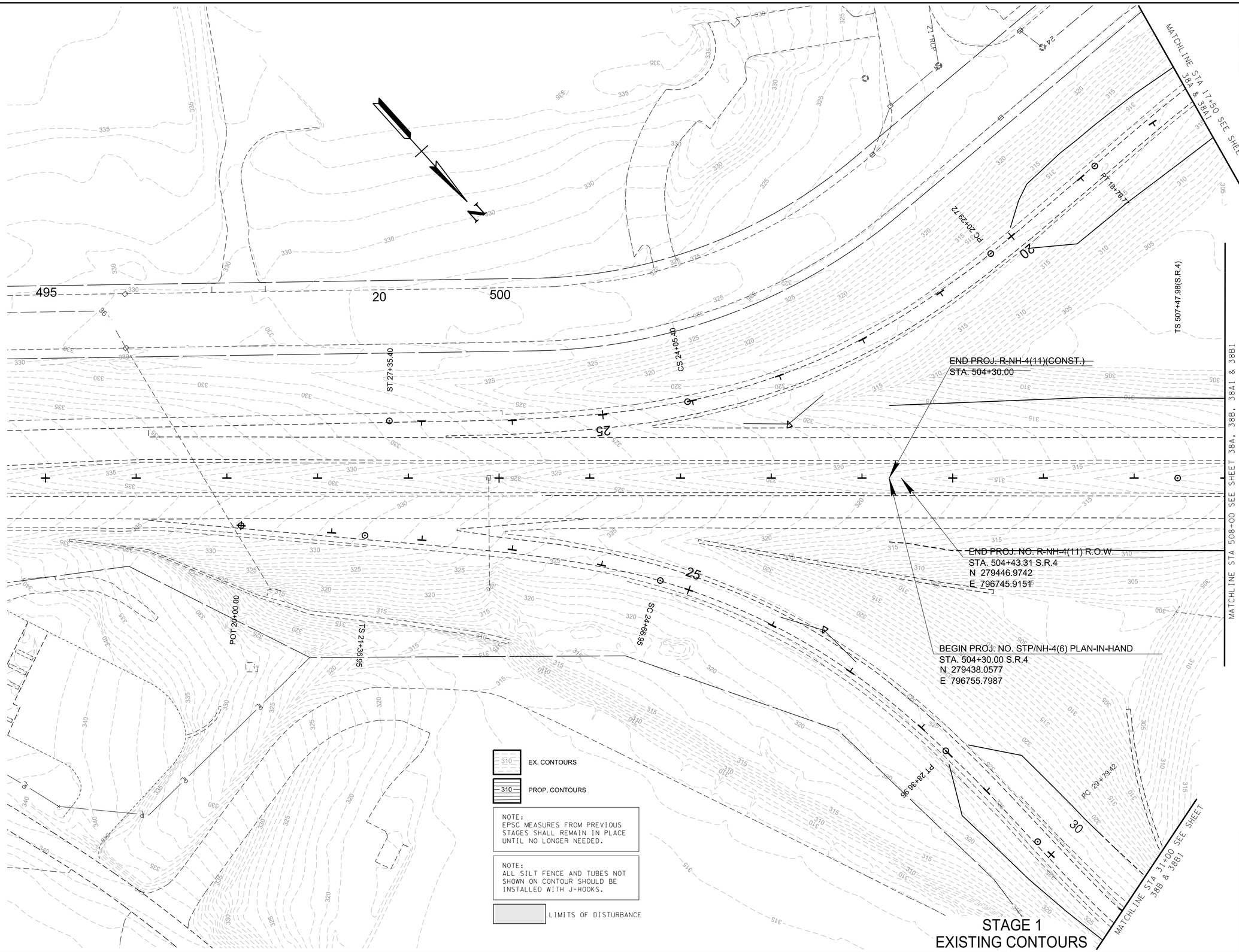
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38
PIH	2026	STP/NH-4(6)	38

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



STAGE 1
EXISTING CONTOURS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
BEGIN PROJ. TO STA.508+00
SCALE: 1"=50'

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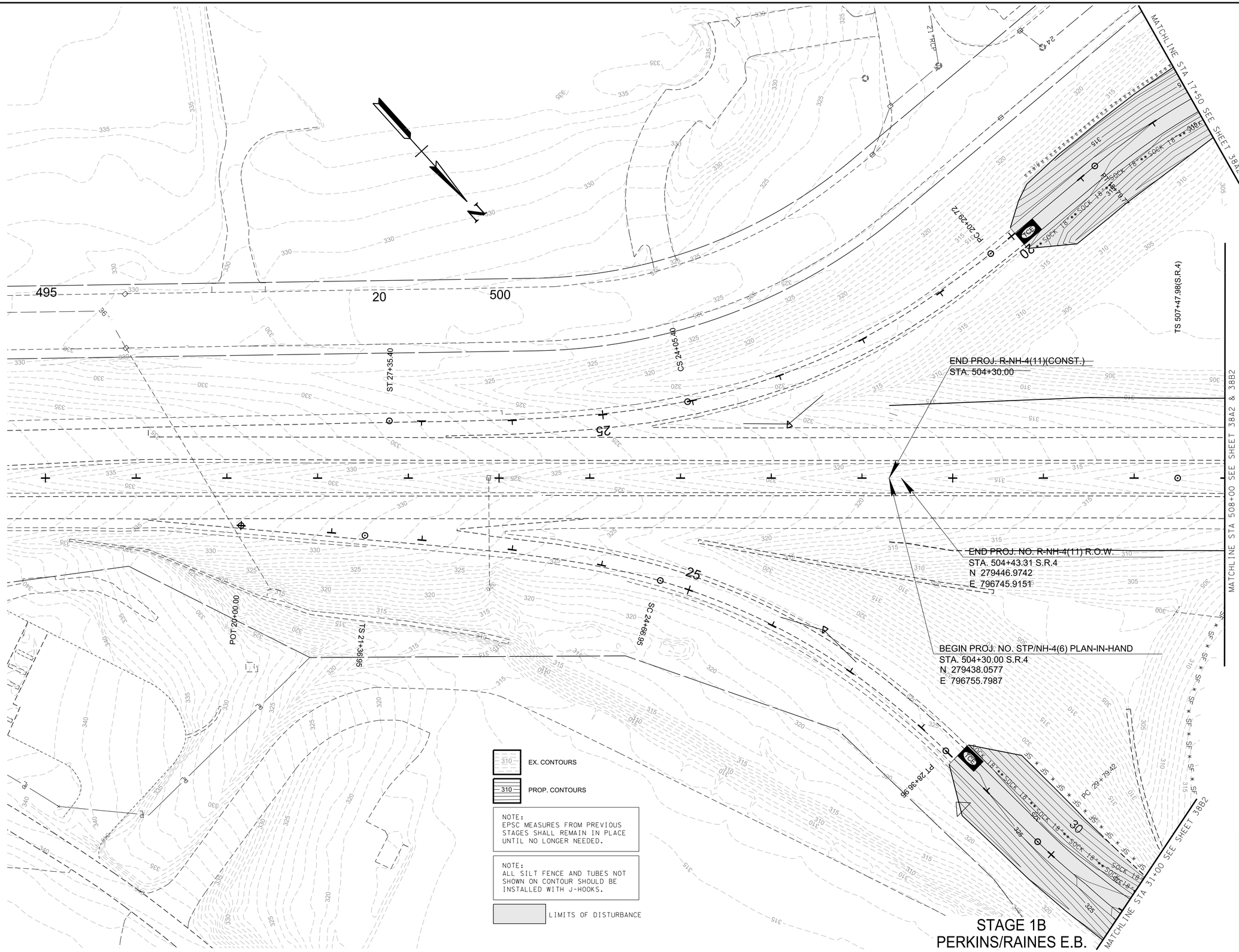
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38-2



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
BEGIN PROJ. TO STA.508+00
SCALE: 1"=50'

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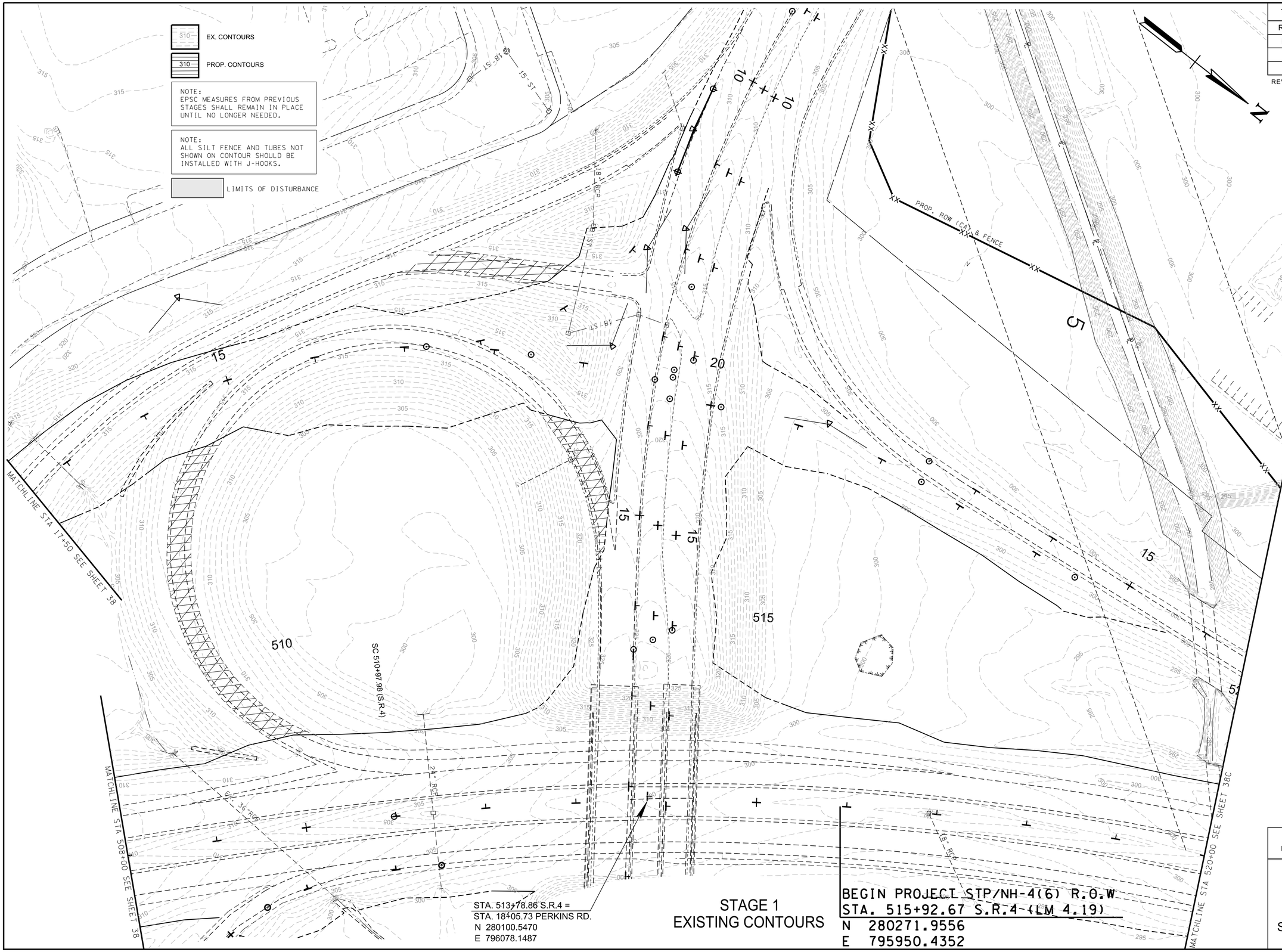
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38A
PIH	2026	STP/NH-4(6)	38A

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



STAGE 1
EXISTING CONTOURS

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.508+00 TO STA.520+00
SCALE: 1"=50'

3/10/2026 1:34:48 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\38A_EPSC1.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38A1

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

TCE (LOCATION TO BE FIELD DETERMINED)

PROP. ROW (CA) & FENCE

OUT - 1
0.76 AC
2.7%

OUT - 2
1.05 AC
2.7%

TCE (LOCATION TO BE FIELD DETERMINED)

MATCHLINE STA 17+50 SEE SHEET 38

MATCHLINE STA 508+00 SEE SHEET 38

MATCHLINE STA 520+00 SEE SHEET 38C

SC 510+97.98 (S.R.4)

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

STAGE 1A
PERKINS/RAINES W.B.

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.508+00 TO STA.520+00

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38A2

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PROP. ROW (CA) & FENCE

OUT - 1
0.76 AC
2.7%

OUT - 2
1.05 AC
2.7%

MATCHLINE STA 17+50 SEE SHEET 38-2

MATCHLINE STA 508+00 SEE SHEET 38-2

MATCHLINE STA 520+00 SEE SHEET 38C

SC 510+97.98 (S.R.4)

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

STAGE 1B
PERKINS/RAINES E.B.

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.508+00 TO STA.520+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38B
PIH	2026	STP/NH-4(6)	38B

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

MATCHLINE STA 508+00 SEE SHEET 38

MATCHLINE STA 520+00 SEE SHEET 38C

MATCHLINE STA 31+00 SEE SHEET 38

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.508+00 TO STA.520+00

SCALE: 1"=50'

STAGE 1
EXISTING CONTOURS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38B1

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

MATCHLINE STA 508+00 SEE SHEET 38

MATCHLINE STA 520+00 SEE SHEET 38C

MATCHLINE STA 31+00 SEE SHEET 38

OUT - 3D
1.25 AC
0.5%

OUT - 4
1.17 AC
2.7%

TCE (LOCATION TO BE FIELD DETERMINED)

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

EX. CONTOURS

PROP. CONTOURS

PLAN
IN
HAND

STAGE 1A
PERKINS/RAINES W.B.

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.508+00 TO STA.520+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38B2

OUT - 3D
1.25 AC
0.5%

OUT - 4
1.17 AC
2.7%

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

TCE (LOCATION TO BE FIELD DETERMINED)

STR-9

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.508+00 TO STA.520+00

SCALE: 1"=50'

STAGE 1B
PERKINS/RAINES E.B.

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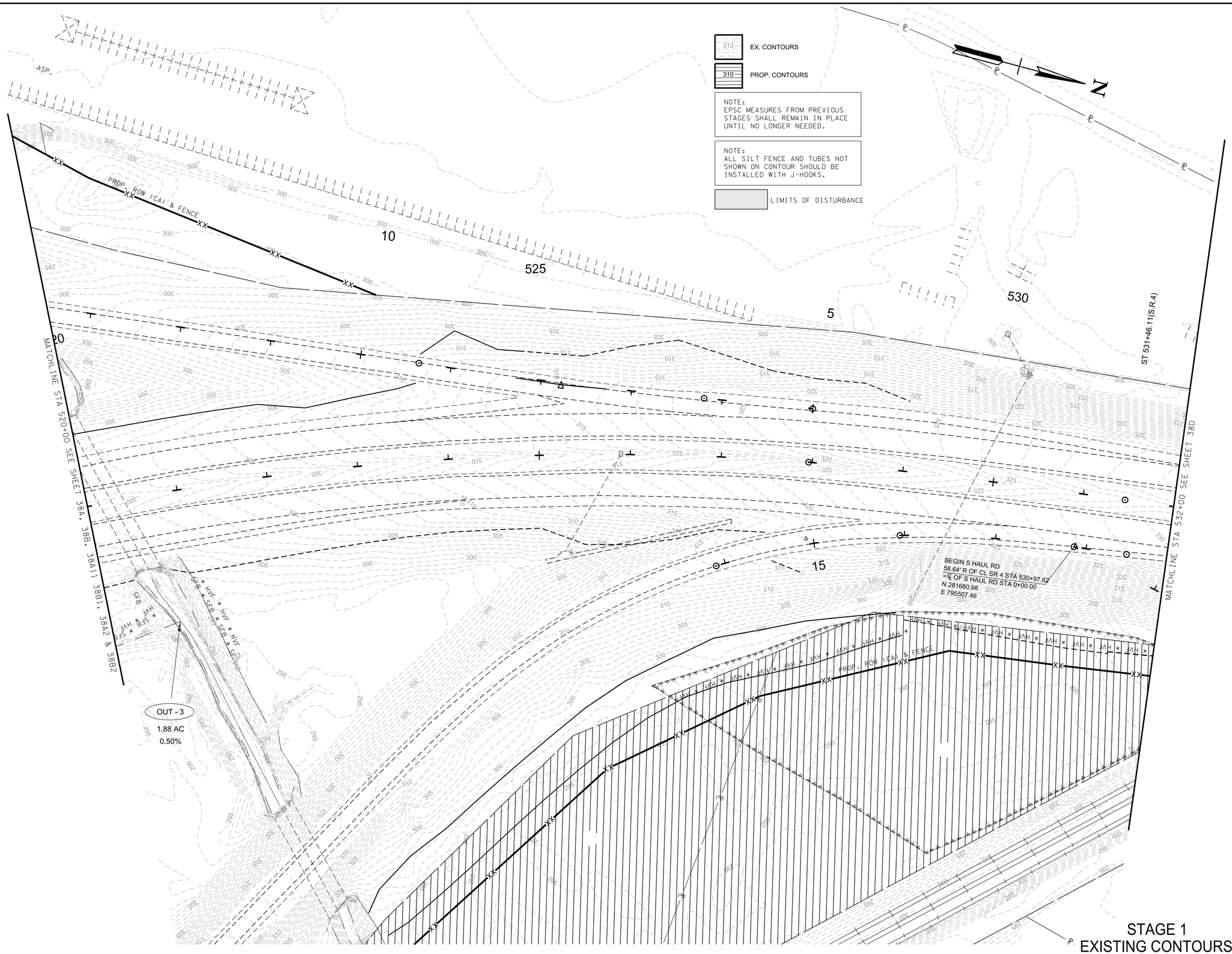
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38C
PIH	2026	STP/NH-4(6)	38C

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.520+00 TO STA.532+00
SCALE: 1"=50'

STAGE 1
EXISTING CONTOURS

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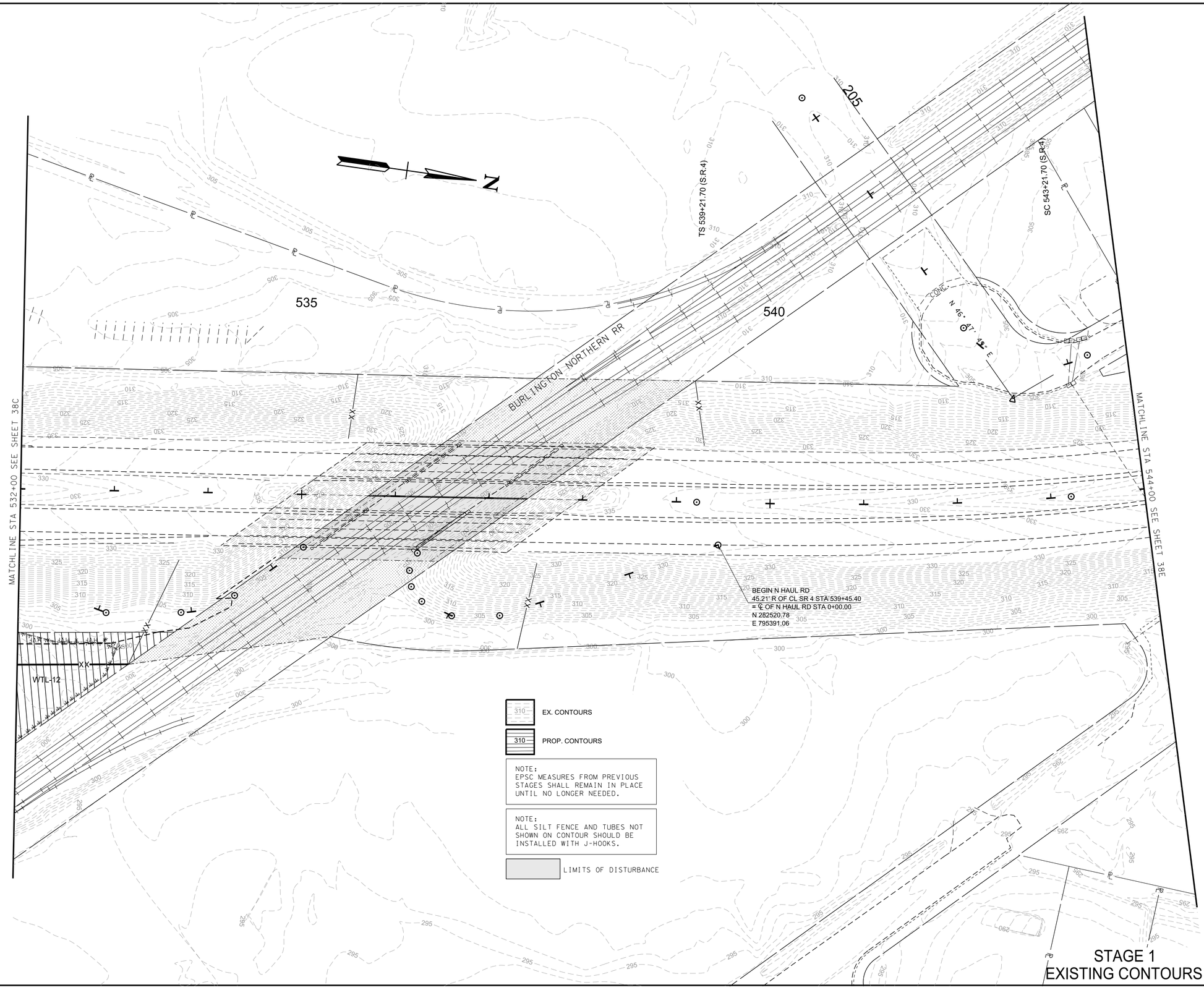
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38D
PIH	2026	STP/NH-4(6)	38D

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.532+00 TO STA.544+00

SCALE: 1"=50'

STAGE 1
EXISTING CONTOURS

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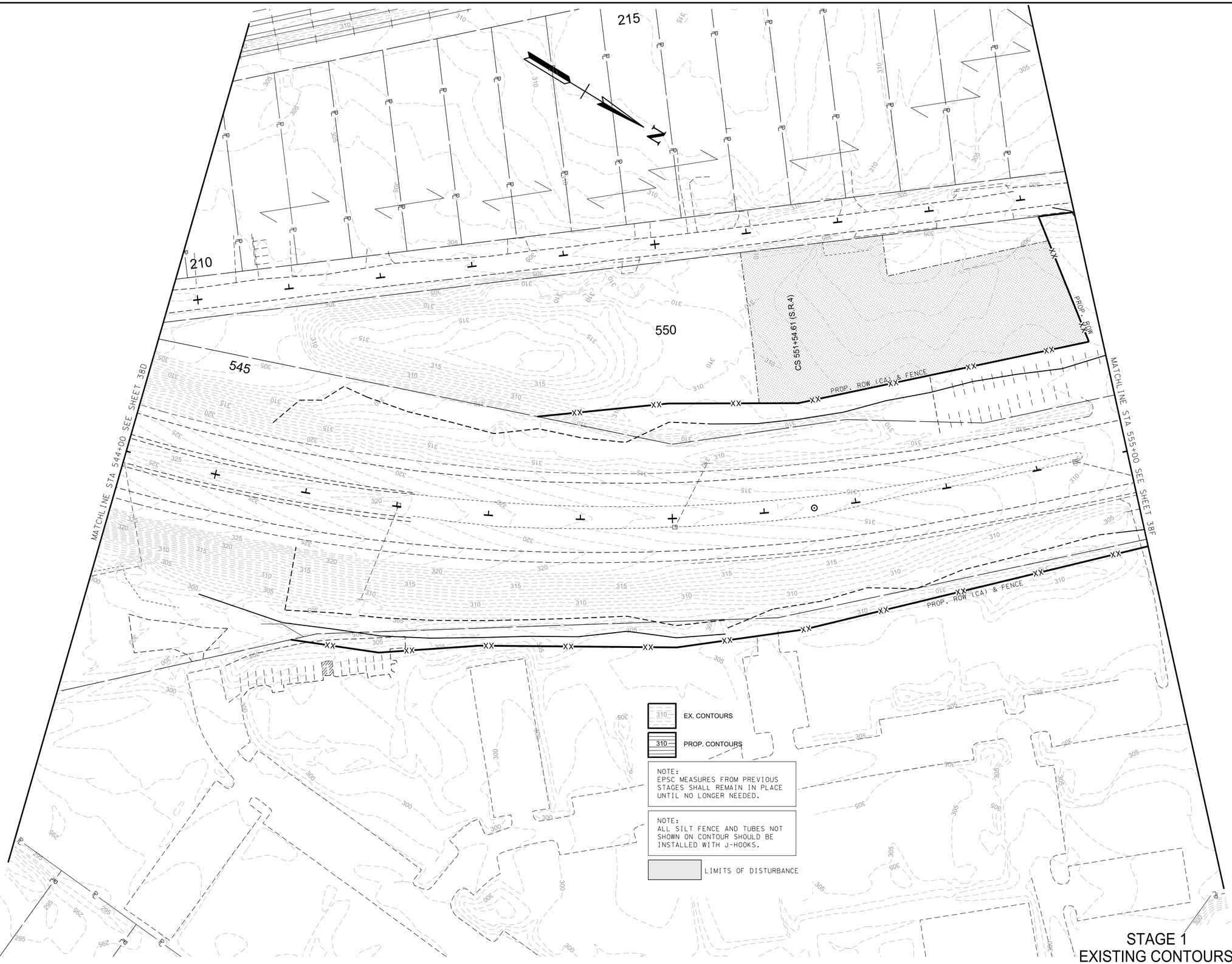
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38E
PIH	2026	STP/NH-4(6)	38E

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN
IN
HAND

STAGE 1
EXISTING CONTOURS

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.544+00 TO STA.555+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38F
PIH	2026	STP/NH-4(6)	38F

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

STA. 302+81.08 S. ACCESS =
STA. 220+04.04 PIDGEON ROOST
N 283731.4678
E 794464.8063

STA. 230+00.00 N ACCESS =
STA. 68+09.82 HOMEWOOD
N 284510.9335
E 793844.8368

STA. 555+50.00 S.R.4 =
STA. 300+00.00 S. ACCESS
N 283926.5636
E 794667.0511

STA. 557+97.83 S.R.4 =
STA. 40+00.00 GOODLETT
N 284104.9288
E 794494.9887

STA. 565+69.92 S.R.4 =
STA. 70+00.00 HOMEWOOD
N 284660.6040
E 793958.9490

PRES. PIDGEON ROOST
PROP. ROW LAMAR AVE.

PRES. ROW

PROP. ROW (CA) & FENCE

LOSS OF ACCESS

CONST. ESMT. (15' O/S)

42' ST

ST 555+54.61(S.R.4)

C1

MATCHLINE STA 555+00 SEE SHEET 38E

MATCHLINE STA 567+00 SEE SHEET 38G

PLAN IN HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.555+00 TO STA.567+00

SCALE: 1"=50'

STAGE 1
EXISTING CONTOURS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38G
PIH	2026	STP/NH-4(6)	38G

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

STA. 84+70.00 WINCHESTER =
STA. 240+49.32 N ACCESS
N 285049.5784
E 793087.7864

STA. 570+62.91 S.R.4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

PC 572+77.35 (S.R.4)

PT 575+97.02 (S.R.4)

CLASS A-1
20'X 20' RIP-RAP

PROP. ROW

PRES. ROW

PROP. ROW (CA) & FENCE

CONST. ESMT.
(15' O/S)

CONST. ESMT.
(15' O/S
FROM BUILDING)

CONST. ESMT.
SWIMMING POOL

25' ROW

MATCHLINE STA 567+00 SEE SHEET 38F

MATCHLINE STA 580+00 SEE SHEET 38H

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

STAGE 1
EXISTING CONTOURS

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) PLANS
STA.567+00 TO STA.580+00
SCALE: 1"=50'

s 1:34:57 PM
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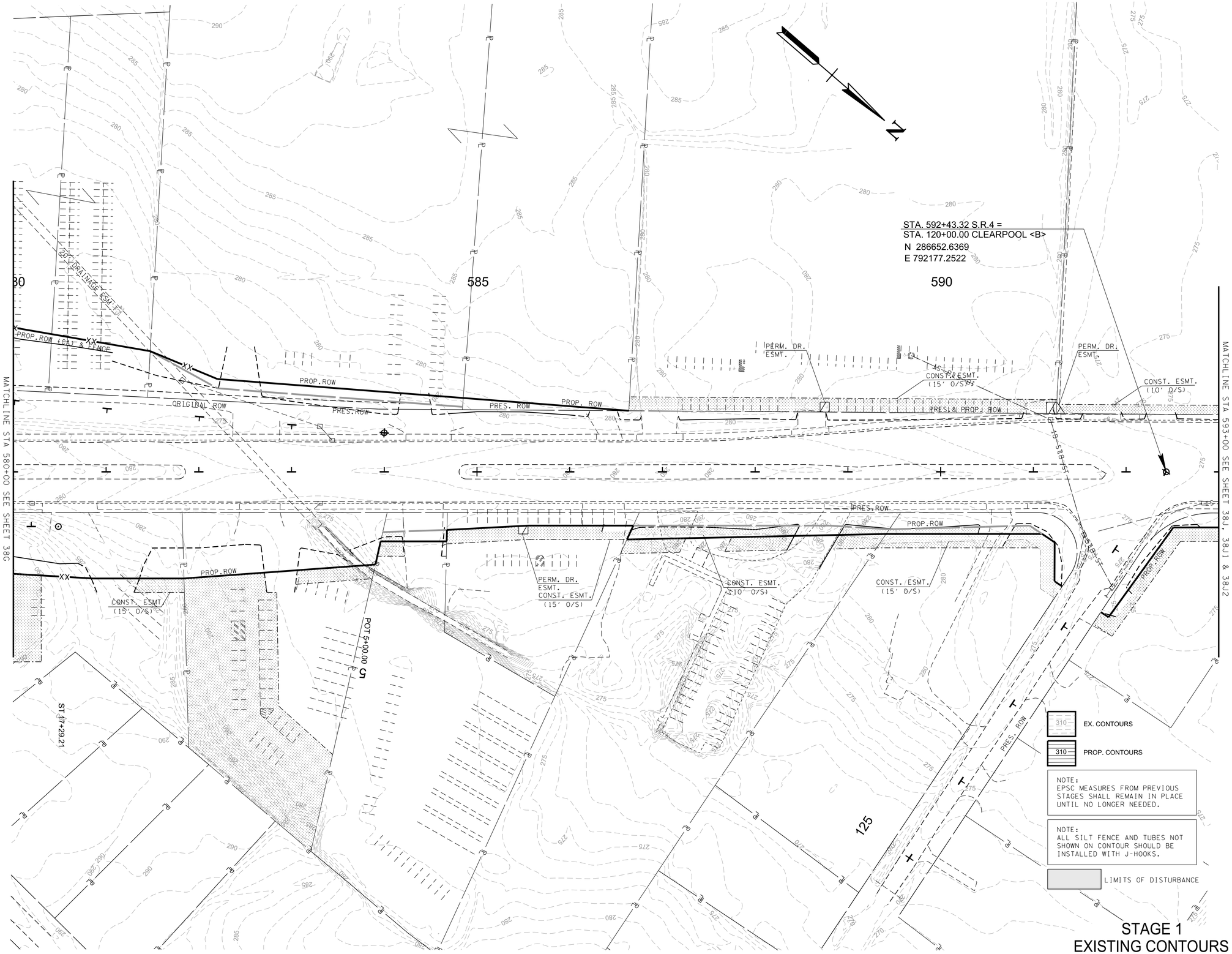
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38H
PIH	2026	STP/NH-4(6)	38H

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.580+00 TO STA.593+00

SCALE: 1"=50'

STAGE 1
EXISTING CONTOURS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38J
PIH	2026	STP/NH-4(6)	38J

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

STA. 598+20.11 S.R.4 =
STA. 148+08.91 GETWELL
N 287087.6366
E 791798.5003

PT 598+68.27(S.R.4)

595

600

145

150

PROP. ROW (CA) & FENCE

PRES. & PROP. ROW

CONST. ESMT. (16' O/S)

END PROJECT STP/NH-4(6) R.O.W.
STA. 601+99.93 S.R.4 (LM 5.34)
N 287368.7707
E 791543.1063

END PROJECT STP/NH-4(6) PLAN-IN-HAND
STA. 601+84.92 S.R.4
(LM 5.34)
N 287357.6582
E 791553.2068

PRES. ROW (CA) & PROP. (CA) & FENCE

MATCHLINE STA 593+00 SEE SHEET 38H

MATCHLINE STA 151+00 SEE SHEET 38K

PC 595+69.13(S.R.4)

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
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NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.593+00 TO END PROJ.

SCALE: 1"=50'

STAGE 1
EXISTING CONTOURS

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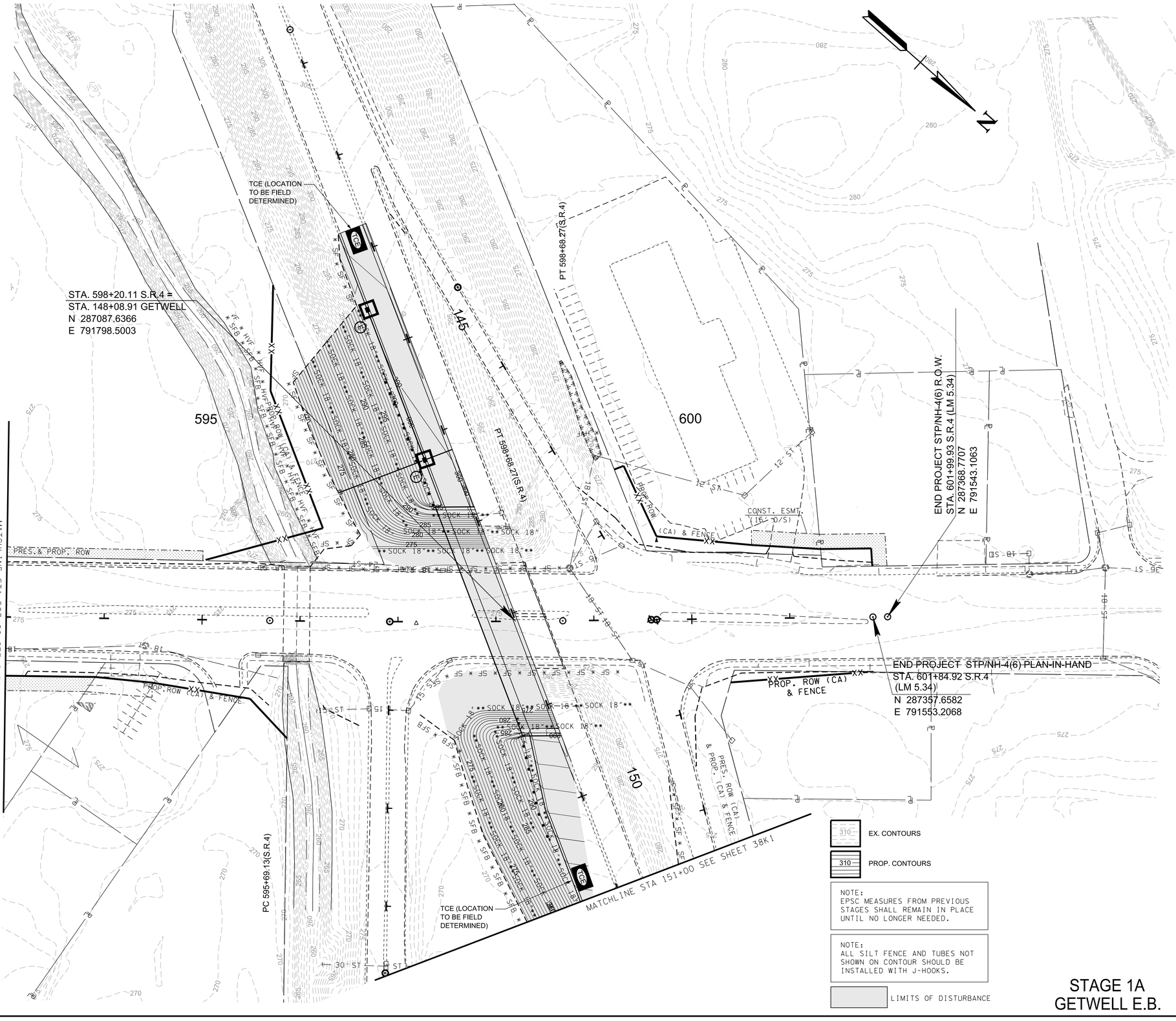
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38J1



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.593+00 TO END PROJ.

SCALE: 1"=50'

STAGE 1A
GETWELL E.B.

3/10/2026 1:35:00 PM
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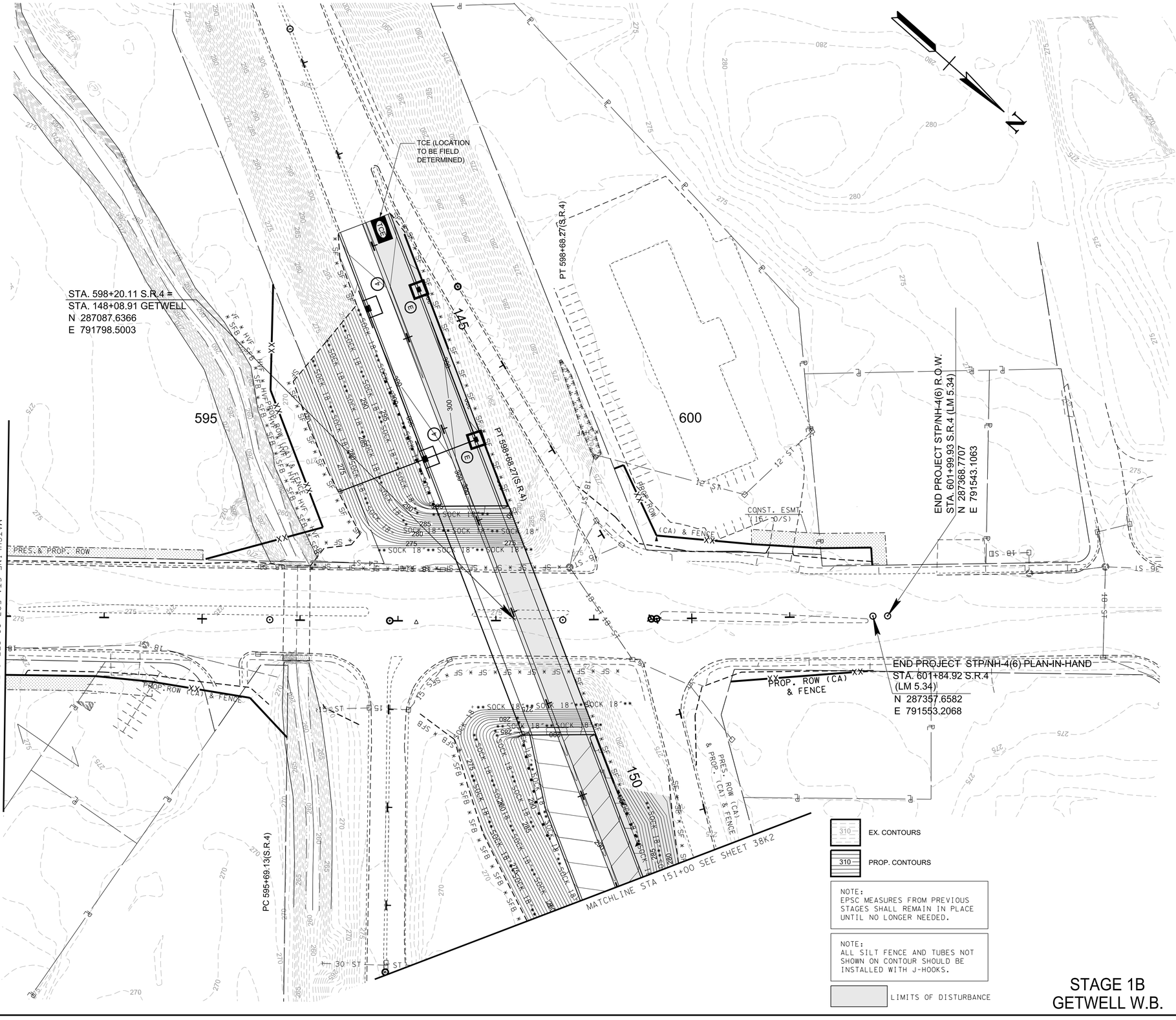
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38J2



PLAN IN HAND

EX. CONTOURS

PROP. CONTOURS

NOTE:
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NOTE:
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LIMITS OF DISTURBANCE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.593+00 TO END PROJ.

SCALE: 1"=50'

STAGE 1B
GETWELL W.B.

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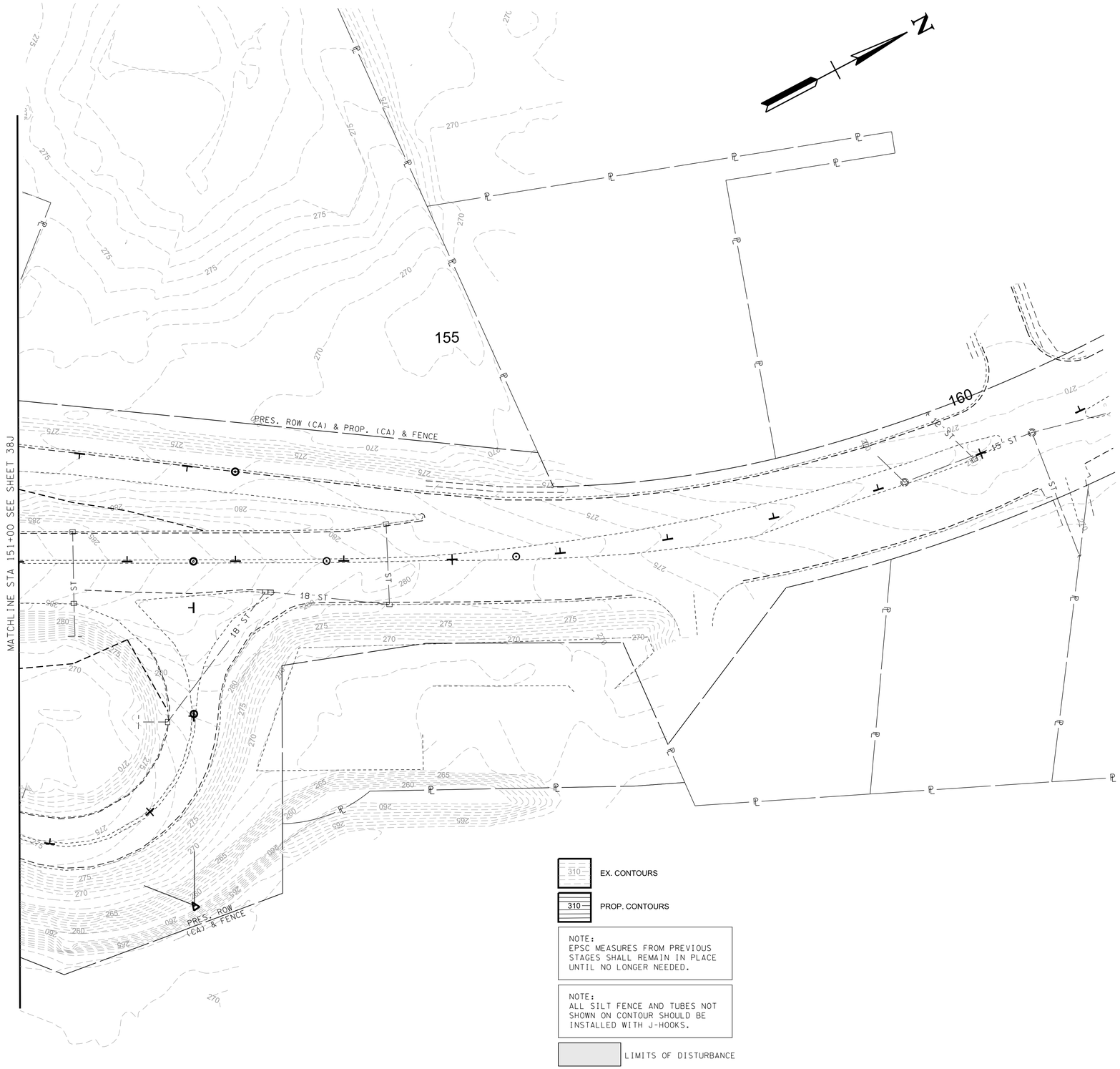
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	38K
PIH	2026	STP/NH-4(6)	38K

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



EX. CONTOURS

PROP. CONTOURS

NOTE:
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NOTE:
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LIMITS OF DISTURBANCE

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.151+00 TO L.O.C.

SCALE: 1"=50'

STAGE 1
EXISTING CONTOURS

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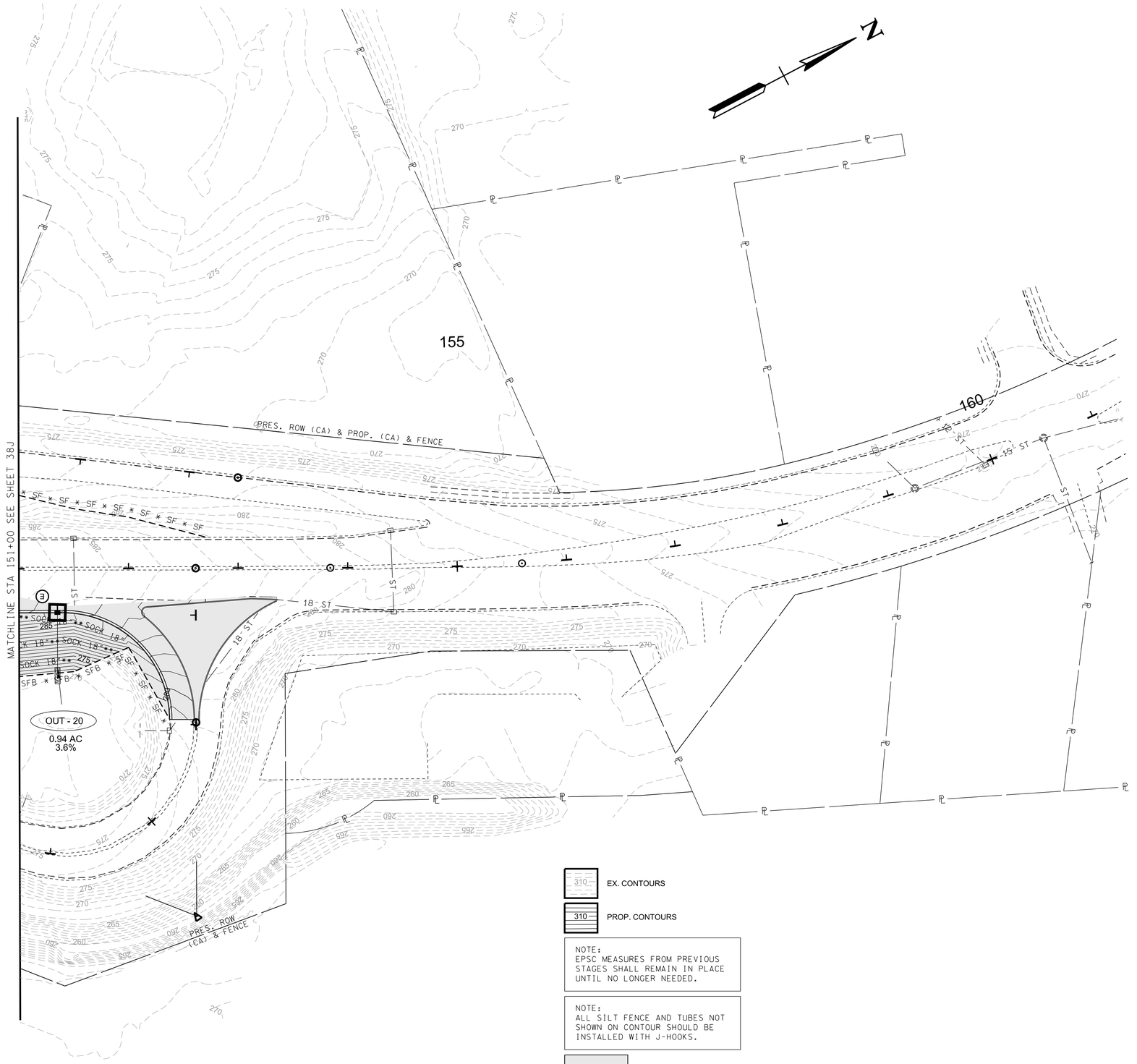
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38K1



NOTE:
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NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.151+00 TO L.O.C.

SCALE: 1"=50'

STAGE 1A
GETWELL E.B.

3/10/2026 1:35:02 PM
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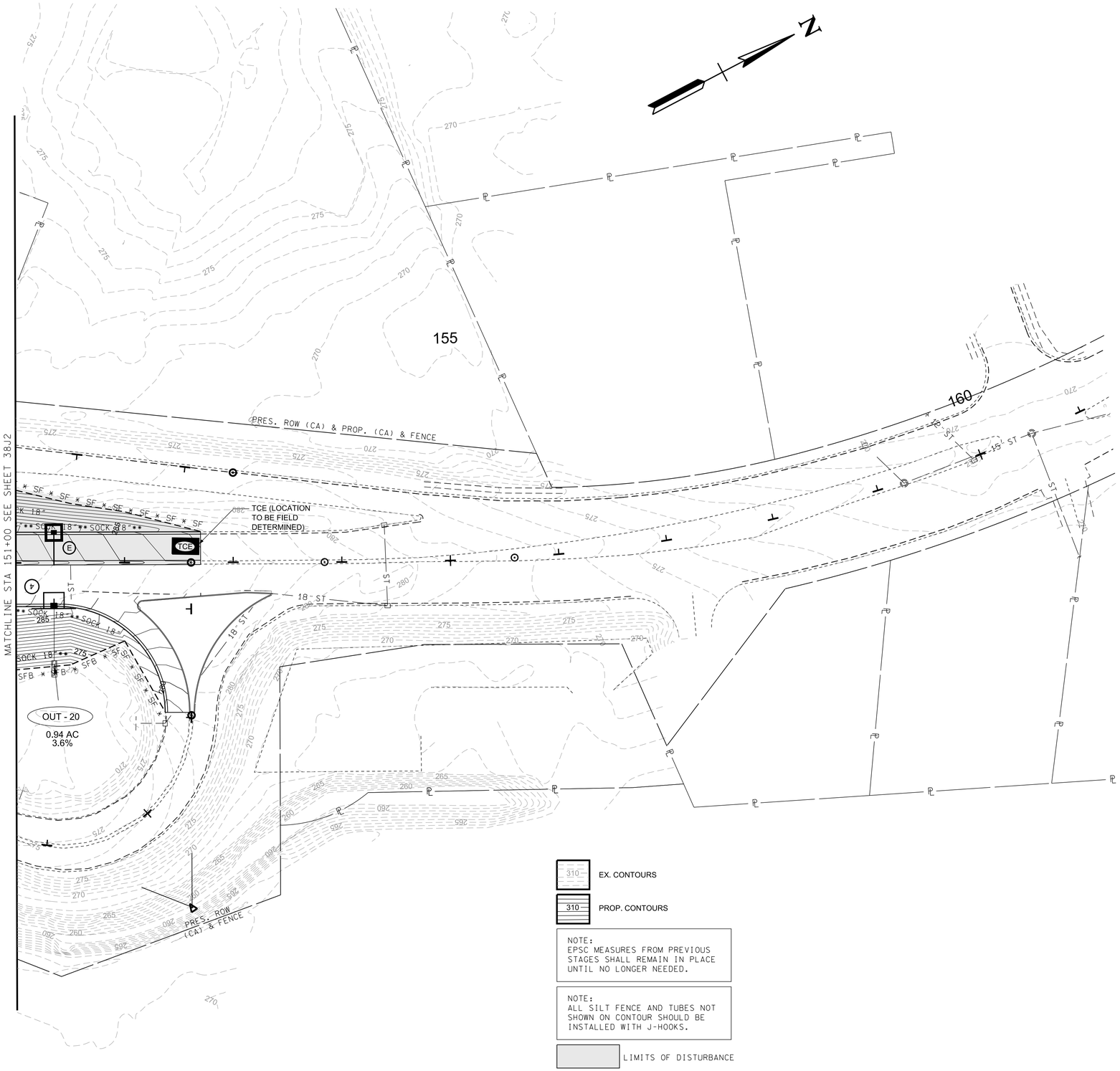
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	38K2



PLAN IN HAND

EX. CONTOURS

PROP. CONTOURS

NOTE:
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NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.151+00 TO L.O.C.

SCALE: 1"=50'

STAGE 1B
GETWELL W.B.

3/10/2026 1:35:02 PM
P:\0000_0100\007824\0020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\38K2_EPSC1.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39
PIH	2026	STP/NH-4(6)	39

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

MATCHLINE STA 17+50 SEE SHEET 39A

TS 507+47.98(S.R.4)

END PROJ. R-NH-4(11)(CONST.)
STA. 504+30.00

TCE

TCE (LOCATION TO BE FIELD DETERMINED)

N 47° 56' 42" W

END PROJ. NO. R-NH-4(11) R.O.W.
STA. 504+43.31 S.R.4
N 279446.9742
E 796745.9151

BEGIN PROJ. NO. STP/NH-4(6) PLAN-IN-HAND
STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987

MATCHLINE STA 508+00 SEE SHEET 39A & 39B

MATCHLINE STA 31+00 SEE SHEET 39B

PLAN
IN
HAND

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

STAGE 2
BUILDING WINCHESTER RAMPS &
REMOVE MEDIANS

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

BEGIN PROJ. TO STA.508+00

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39A
PIH	2026	STP/NH-4(6)	39A

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PROP. ROW (CA) & FENCE

OUT - 1
0.76 AC
2.7%

OUT - 2
1.05 AC
2.7%

510

515

SC 510+97.98 (S.R.4)

MATCHLINE STA 17+50 SEE SHEET 39

MATCHLINE STA 508+00 SEE SHEET 39

MATCHLINE STA 520+00 SEE SHEET 39C

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

STAGE 2
BUILDING WINCHESTER RAMPS &
REMOVE MEDIANS

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.508+00 TO STA.520+00

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39B
PIH	2026	STP/NH-4(6)	39B

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

MATCHLINE STA 508+00 SEE SHEET 39

MATCHLINE STA 520+00 SEE SHEET 39C

MATCHLINE STA 31+00 SEE SHEET 39

OUT - 3B
1.05 AC
2.0%

OUT - 3C
1.62 AC
1.5%

OUT - 3D
1.25 AC
0.5%

OUT - 4
1.17 AC
2.7%

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE 2
BUILDING WINCHESTER RAMPS & REMOVE MEDIANS

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.508+00 TO STA.520+00

SCALE: 1"=50'

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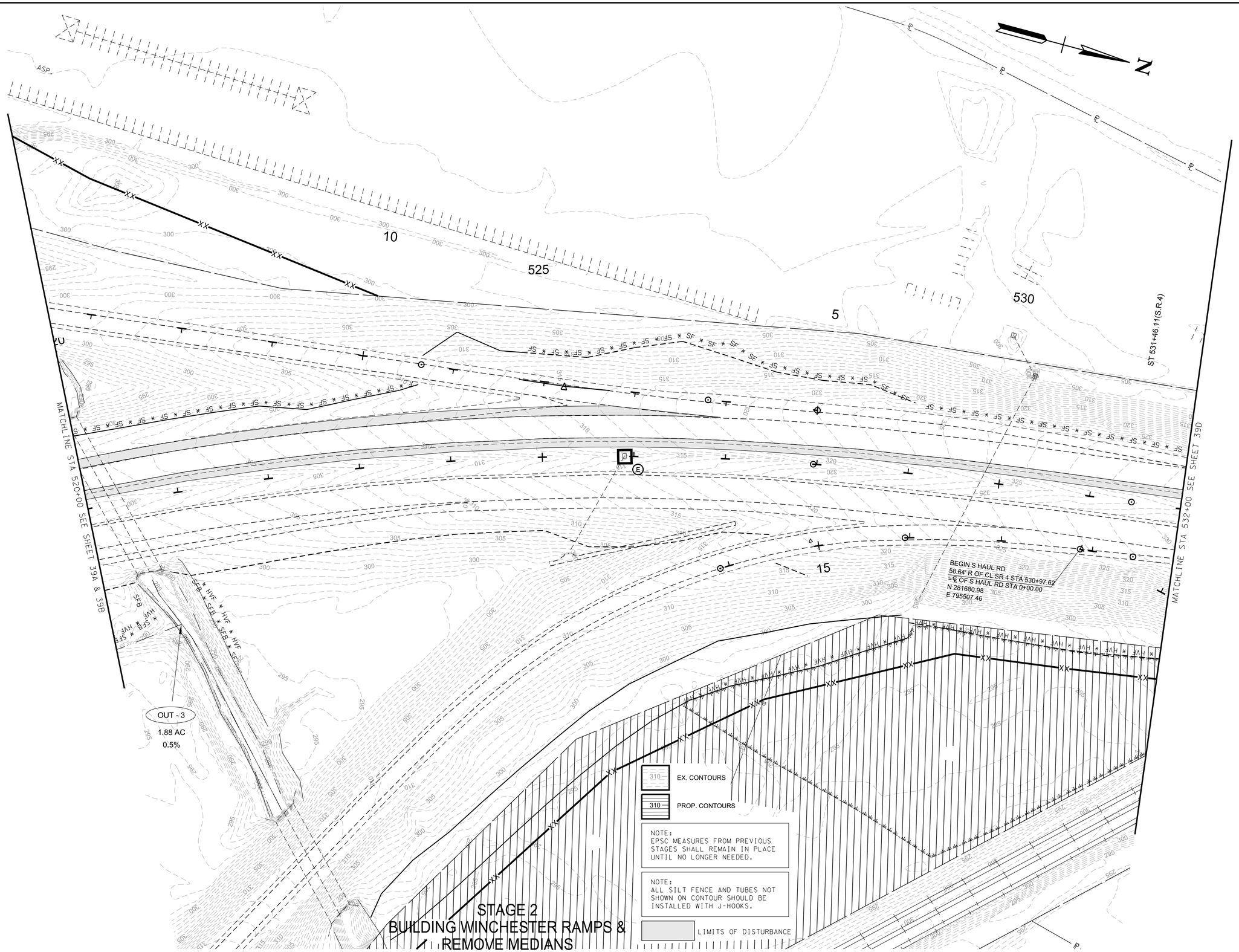
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39C
PIH	2026	STP/NH-4(6)	39C

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.520+00 TO STA.532+00

SCALE: 1"=50'

3/10/2026 1:35:06 PM
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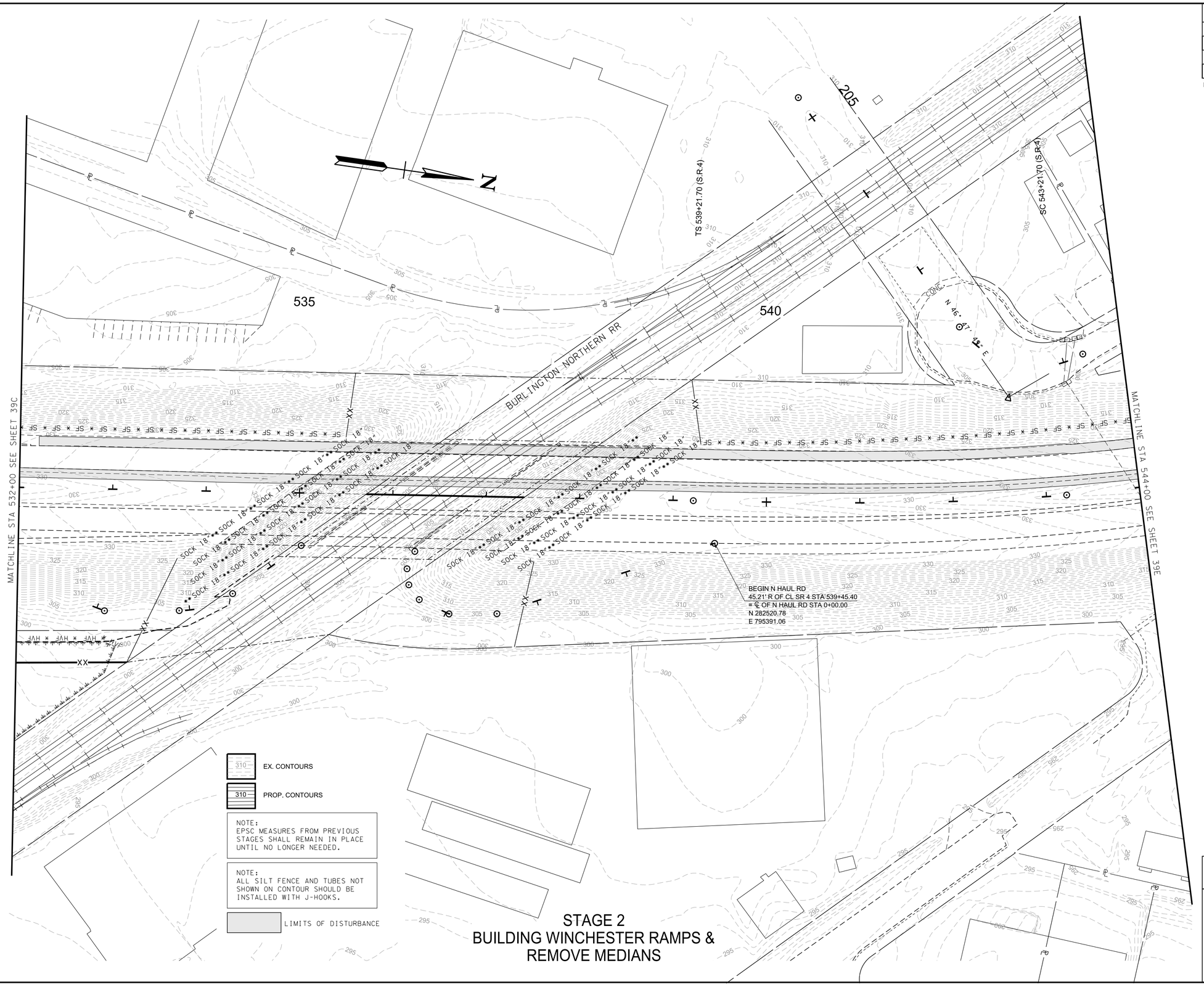
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39D
PIH	2026	STP/NH-4(6)	39D

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



STAGE 2
BUILDING WINCHESTER RAMPS &
REMOVE MEDIANS

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

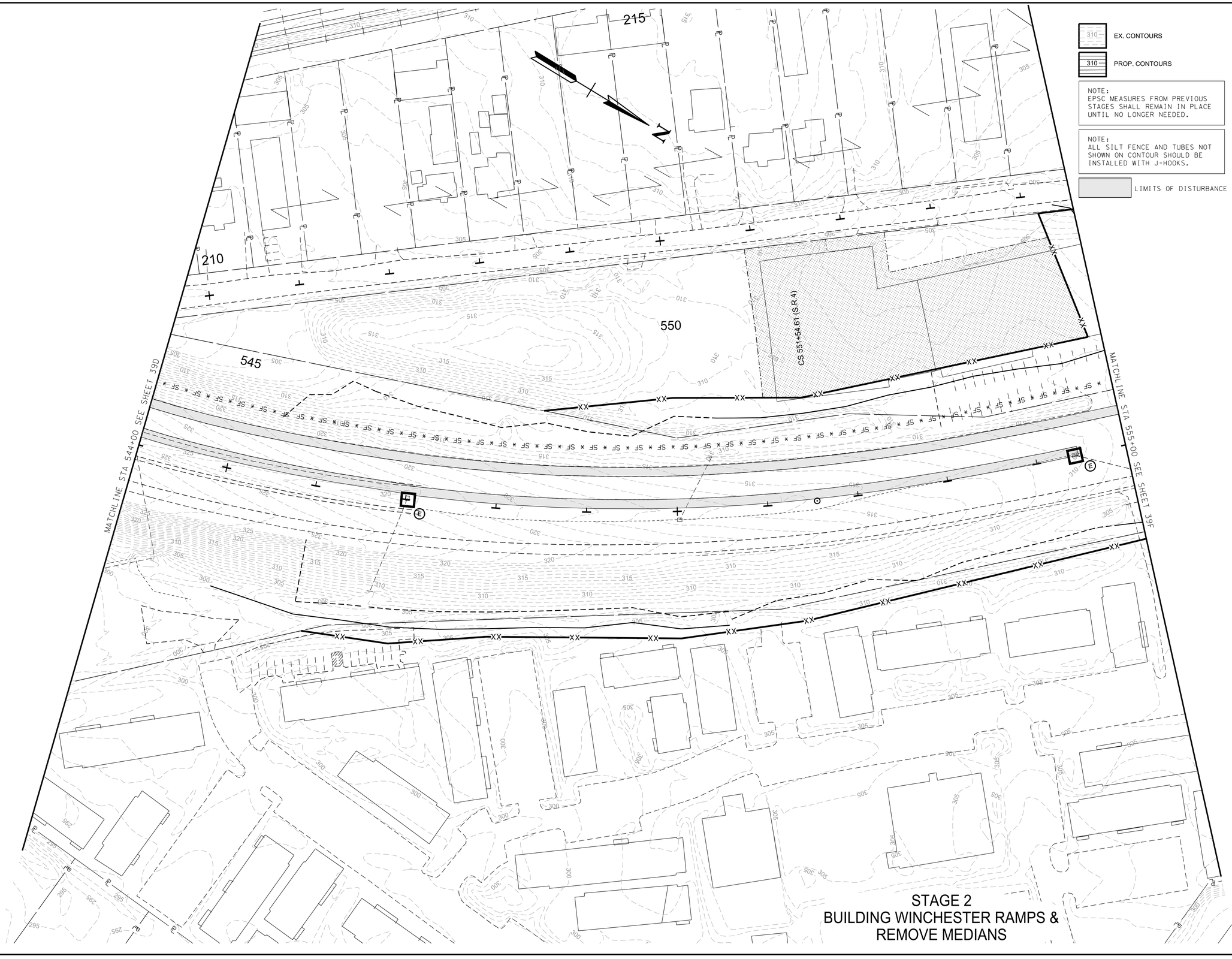
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.532+00 TO STA.544+00

SCALE: 1"=50'

3/10/2026 1:35:07 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\39D_EPSC2.sht



EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39E
PIH	2026	STP/NH-4(6)	39E

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.544+00 TO STA.555+00

SCALE: 1"=50'

STAGE 2
BUILDING WINCHESTER RAMPS & REMOVE MEDIANS

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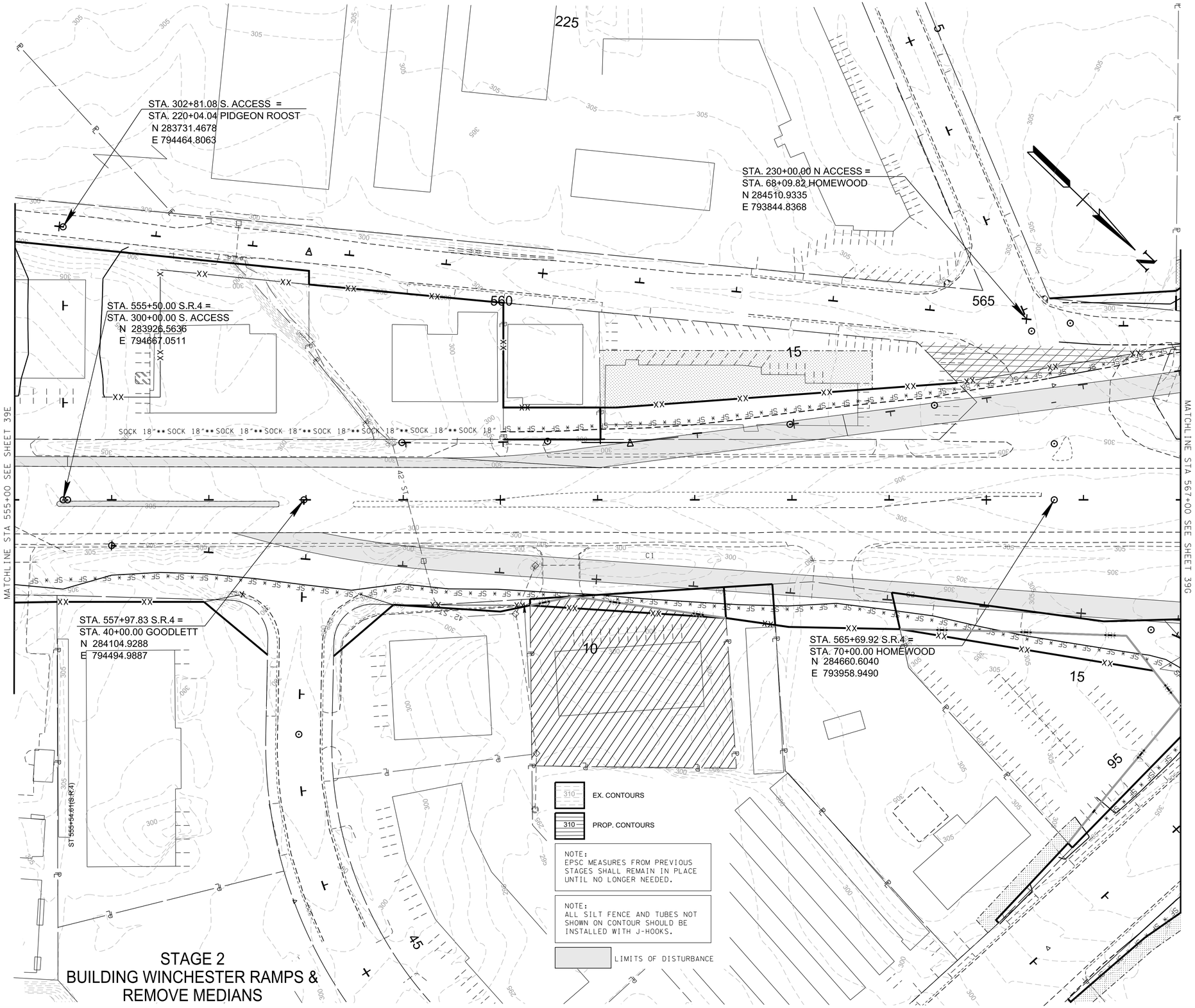
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39F
PIH	2026	STP/NH-4(6)	39F

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



STAGE 2
BUILDING WINCHESTER RAMPS &
REMOVE MEDIANS

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.555+00 TO STA.567+00
SCALE: 1"=50'

3/10/2026 1:35:17 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39G
PIH	2026	STP/NH-4(6)	39G

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

STA. 84+70.00 WINCHESTER =
STA. 240+49.32 N ACCESS
N 285049.5784
E 793087.7864

TCE (LOCATION TO BE FIELD DETERMINED)

TCE (LOCATION TO BE FIELD DETERMINED)

STA. 570+62.91 S.R.4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

PC 572+77.35 (S.R.4)

PT 575+97.02 (S.R.4)

MATCHLINE STA 567+00 SEE SHEET 39F

MATCHLINE STA 580+00 SEE SHEET 39H

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

STAGE 2
BUILDING WINCHESTER RAMPS &
REMOVE MEDIANS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.567+00 TO STA.580+00
SCALE: 1"=50'

3/10/2026 1:35:18 PM
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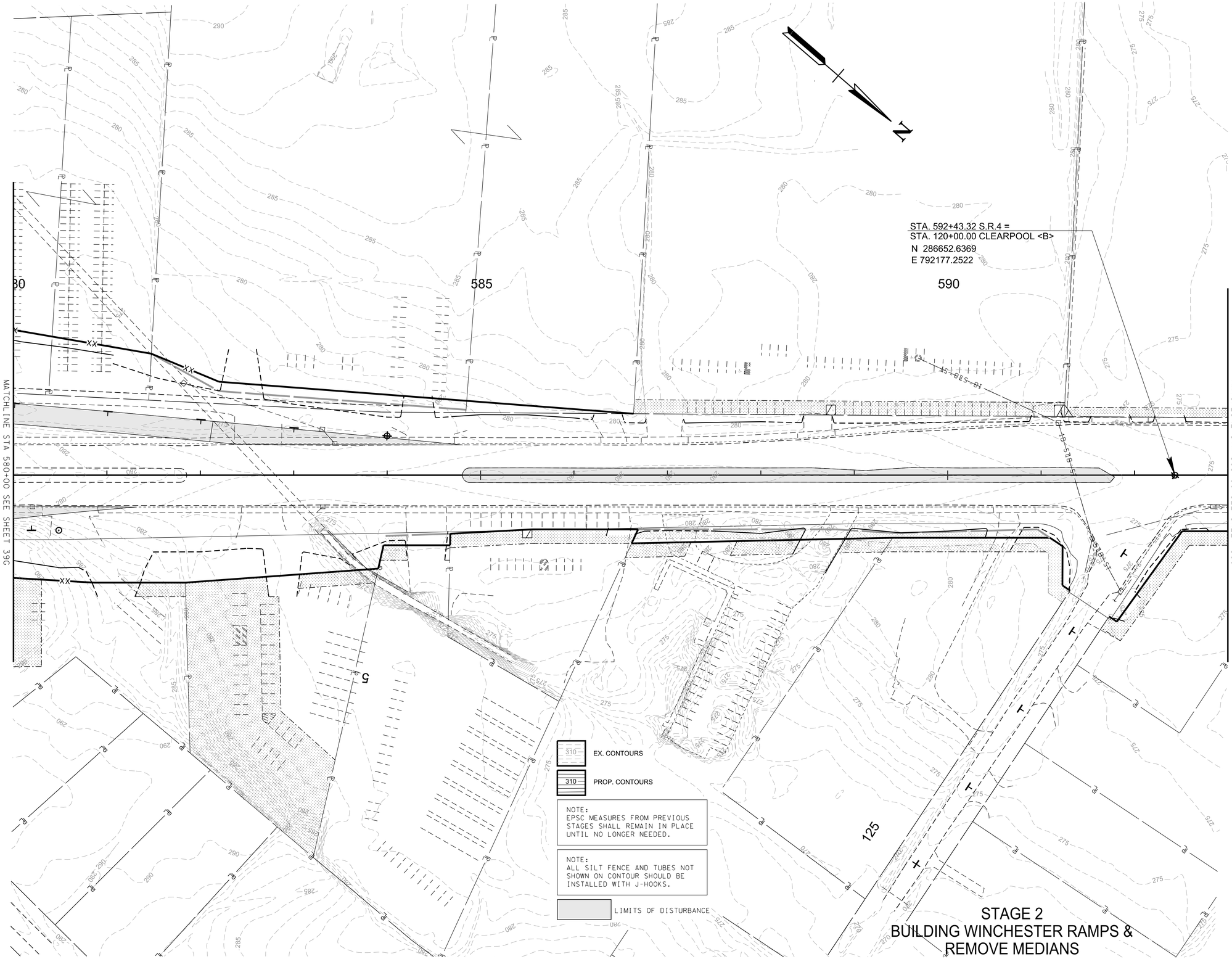
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39H
PIH	2026	STP/NH-4(6)	39H

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.580+00 TO STA.593+00
SCALE: 1"=50'

3/10/2026 1:35:20 PM
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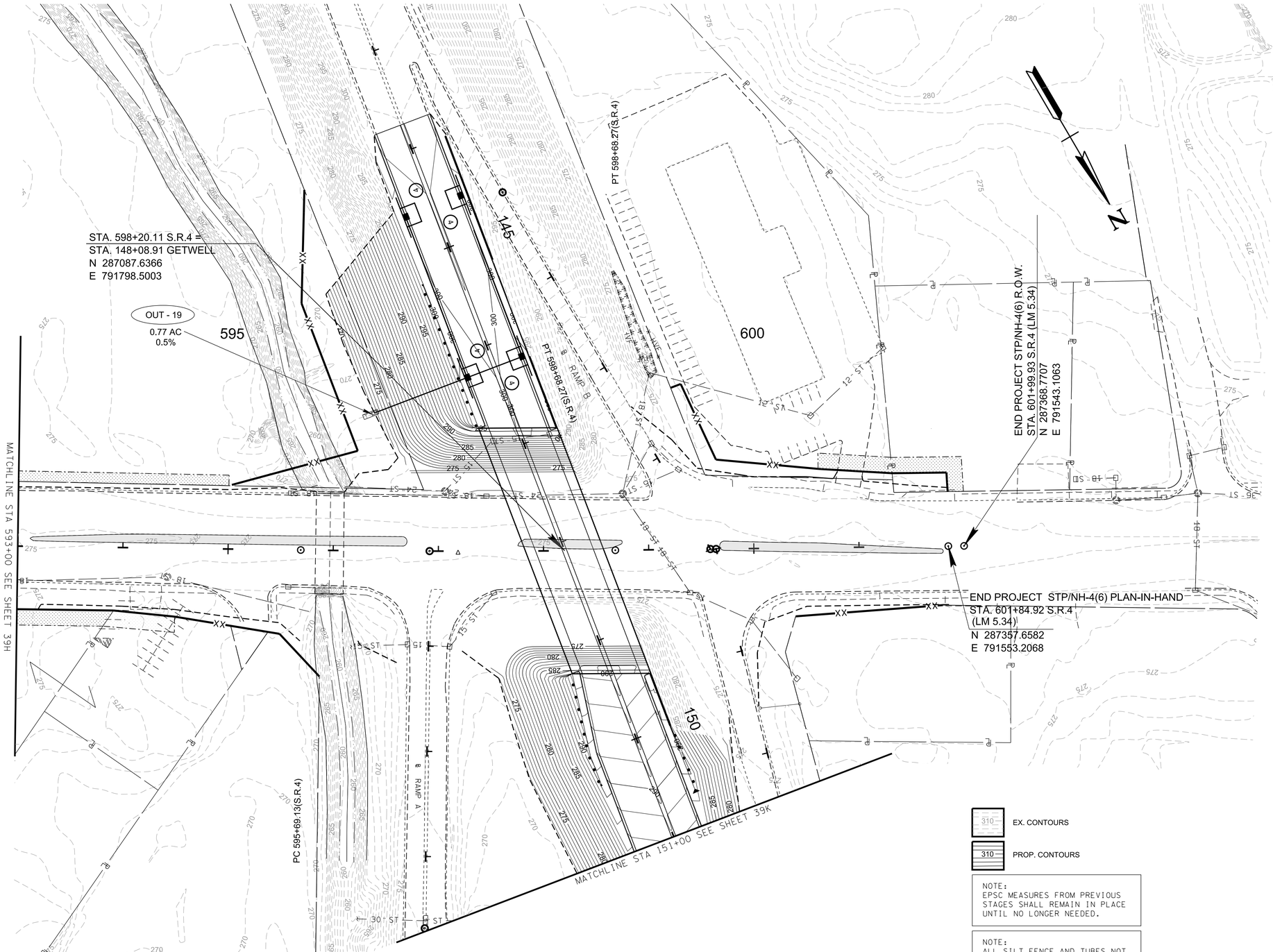
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39J
PIH	2026	STP/NH-4(6)	39J

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PLAN IN HAND

STAGE 2
BUILDING WINCHESTER RAMPS &
REMOVE MEDIANS

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.593+00 TO END PROJ.

SCALE: 1"=50'

3/10/2026 1:35:21 PM
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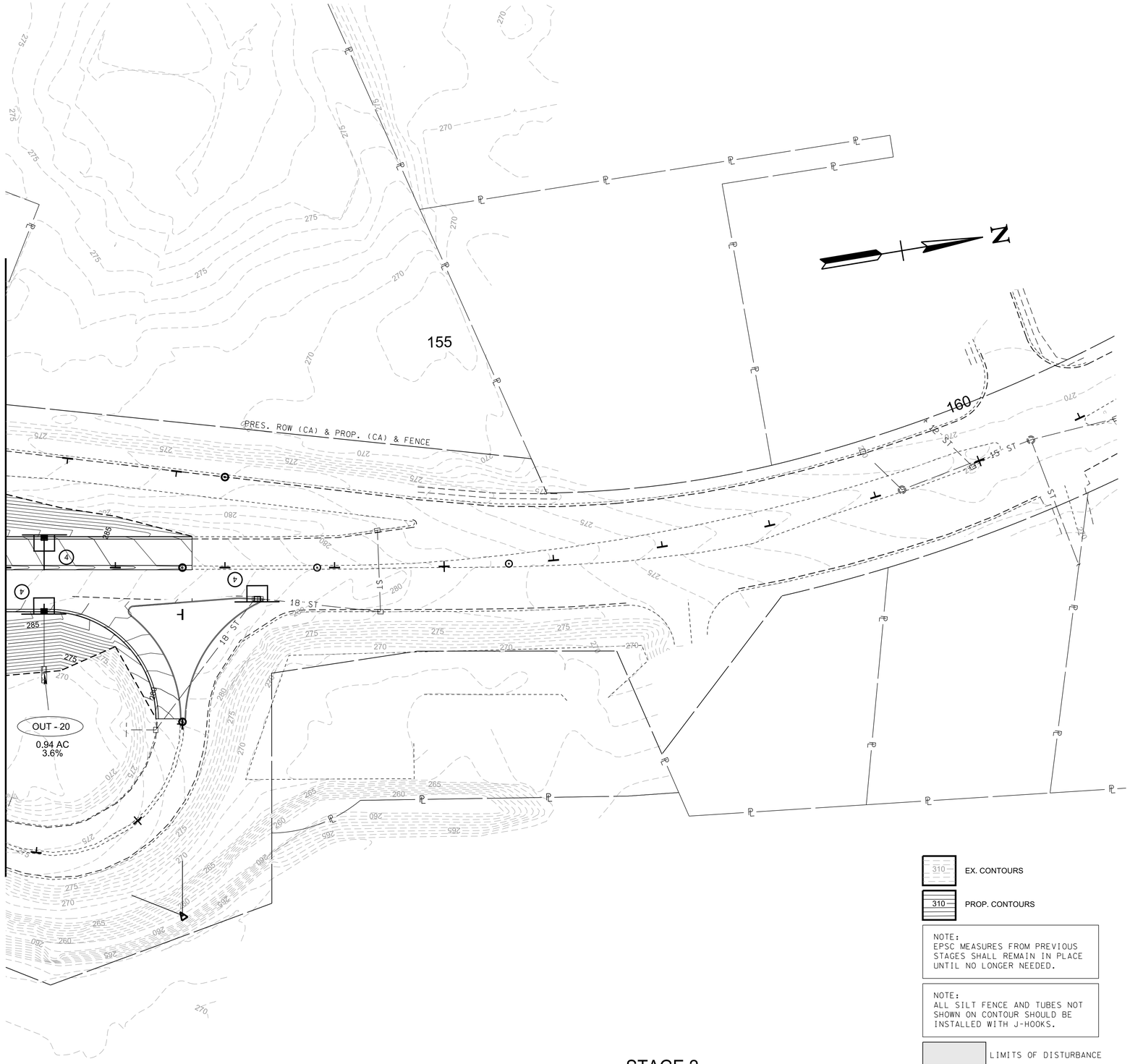
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	39K
PIH	2026	STP/NH-4(6)	39K

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

STAGE 2
BUILDING WINCHESTER RAMPS &
REMOVE MEDIANS

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.151+00 TO L.O.C.

SCALE: 1"=50'

3/10/2026 1:35:22 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40
PIH	2026	STP/NH-4(6)	40

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

MATCHLINE STA 17+50 SEE SHEET 40A

MATCHLINE STA 508+00 SEE SHEET 40A & 40B

MATCHLINE STA 31+00 SEE SHEET 40B

TS 507+47.98(S.R.4)

END PROJ. R-NH-4(11)(CONST.)
STA. 504+30.00

N 47° 56' 42" W

TCE (LOCATION TO BE FIELD DETERMINED)

END PROJ. NO. R-NH-4(11) R.O.W.
STA. 504+43.31 S.R.4
N 279446.9742
E 796745.9151

BEGIN PROJ. NO. STP/NH-4(6) PLAN-IN-HAND
STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987

495 20 500

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

STAGE 3

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

BEGIN PROJ. TO STA.508+00

SCALE: 1"=50'

3/10/2026 1:35:22 PM
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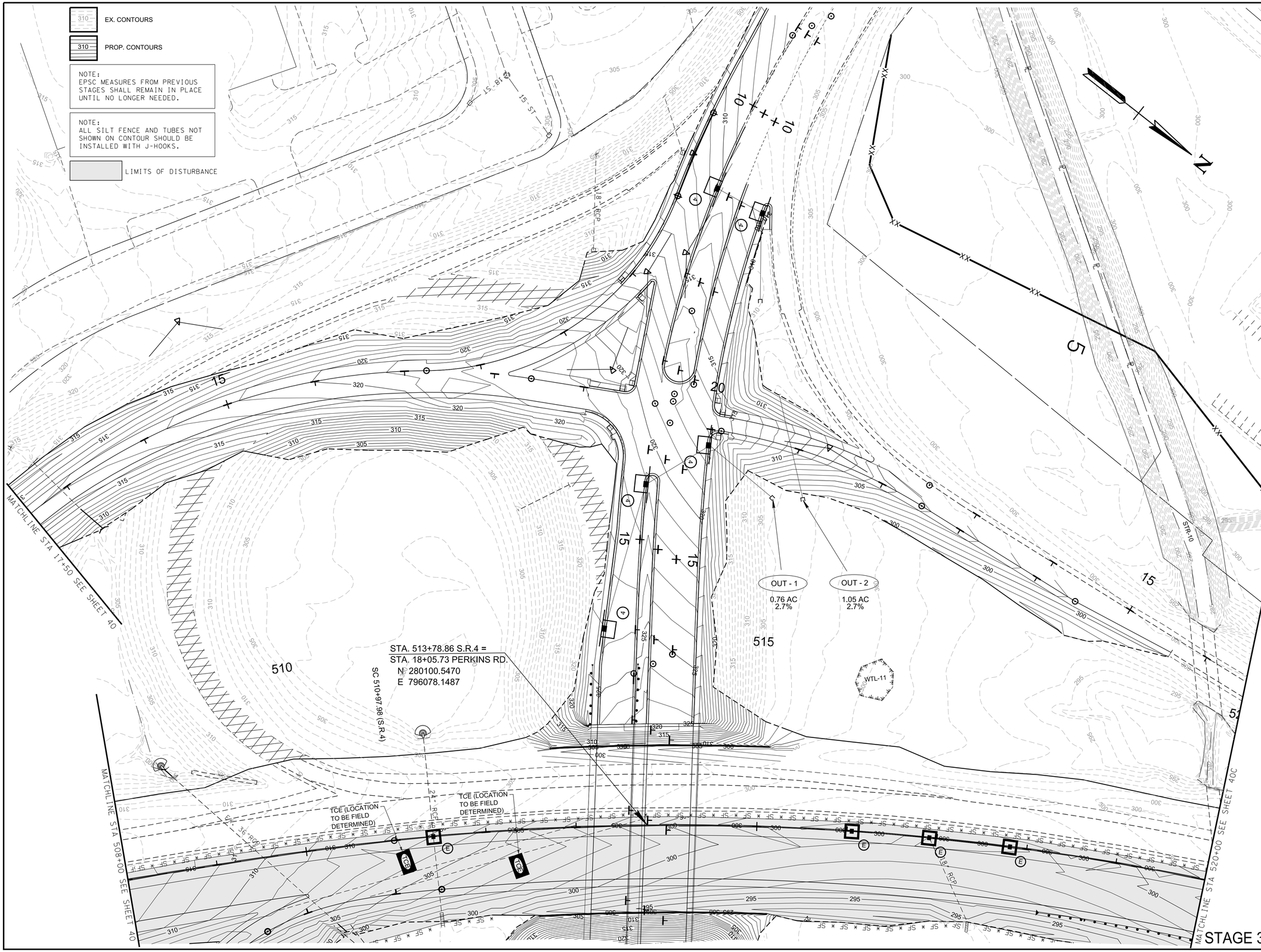
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40A
PIH	2026	STP/NH-4(6)	40A

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.508+00 TO STA.520+00
SCALE: 1"=50'

STAGE 3

3/10/2026 1:35:23 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40B
PIH	2026	STP/NH-4(6)	40B

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

515

TCE (LOCATION TO BE FIELD DETERMINED)

MATCHLINE STA 508+00 SEE SHEET 40

MATCHLINE STA 520+00 SEE SHEET 40C

MATCHLINE STA 31+00 SEE SHEET 40

OUT - 3A
2.53 AC
1.4%

OUT - 3B
1.05 AC
2.0%

OUT - 3C
1.62 AC
1.5%

OUT - 3D
1.25 AC
0.5%

OUT - 4
1.17 AC
2.7%

STR-9

SOCK 18" SOCK 18"

TCE (LOCATION TO BE FIELD DETERMIND)

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.508+00 TO STA.520+00

SCALE: 1"=50'

STAGE 3

3/10/2026 1:35:25 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40C
PIH	2026	STP/NH-4(6)	40C

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

ASP.

MATCHLINE STA 520+00 SEE SHEET 40A & 40B

MATCHLINE STA 532+00 SEE SHEET 40D

ST 531+46.11(S,R-4)

TCE (LOCATION TO BE FIELD DETERMINED)

TCE (LOCATION TO BE FIELD DETERMINED)

BEGIN S HAUL RD
58.64' R OF CL SR 4 STA 530+97.62
= ℄ OF S HAUL RD STA 0+00.00
N 281680.98
E 795507.46

WTL-12

OUT - 3
1.88 AC
0.5%

OUT - 5
2.22 AC
2.5%

PLAN IN HAND

STAGE 3

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

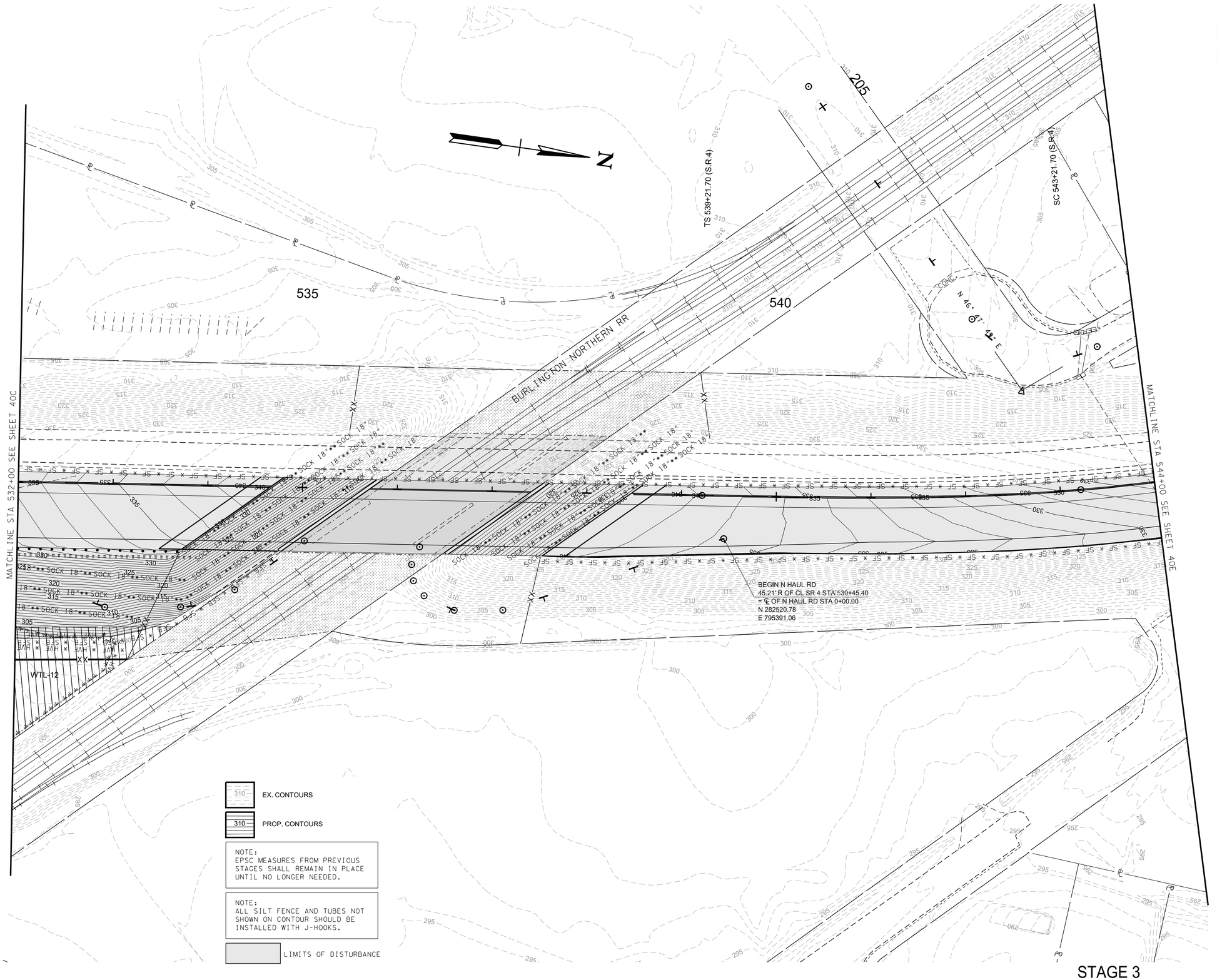
STA.520+00 TO STA.532+00

SCALE: 1"=50'

3/10/2026 1:35:26 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\40C_EPSC3.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40D
PIH	2026	STP/NH-4(6)	40D

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.532+00 TO STA.544+00

SCALE: 1"=50'

STAGE 3

3/10/2026 1:35:27 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\40D_EPSC3.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40E
PIH	2026	STP/NH-4(6)	40E

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

215

210

550

545

CS 551+54.61 (S.R.4)

MATCHLINE STA 544+00 SEE SHEET 40D

MATCHLINE STA 555+00 SEE SHEET 40F

OUT 8
2.59 AC
0.8%

SOCK 18"

PLAN
IN
HAND

STAGE 3

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.544+00 TO STA.555+00

SCALE: 1"=50'

3/10/2026 1:35:28 PM
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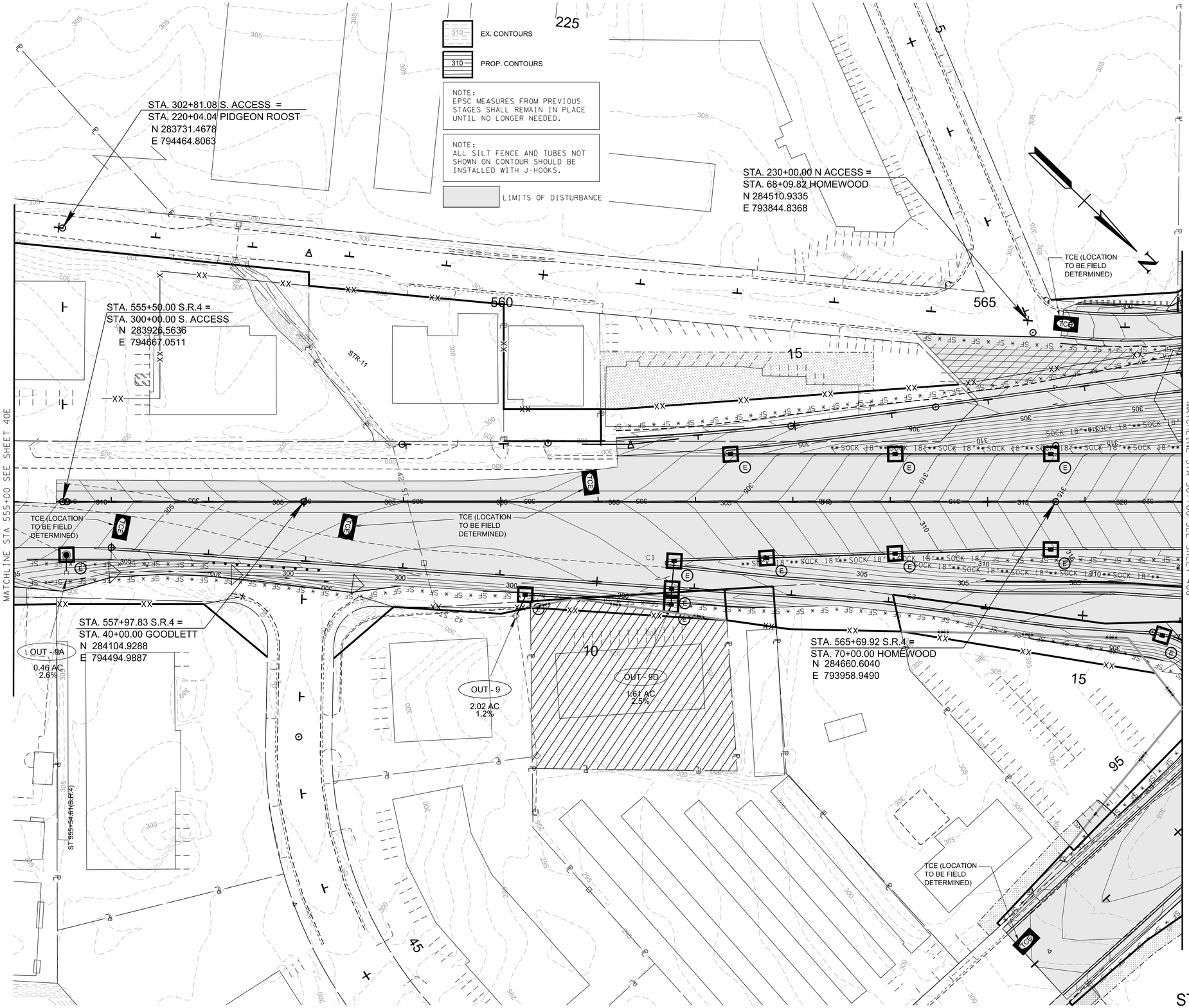
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40F
PIH	2026	STP/NH-4(6)	40F

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.555+00 TO STA.567+00

SCALE: 1"=50'

STAGE 3

3/10/2026 1:35:29 PM
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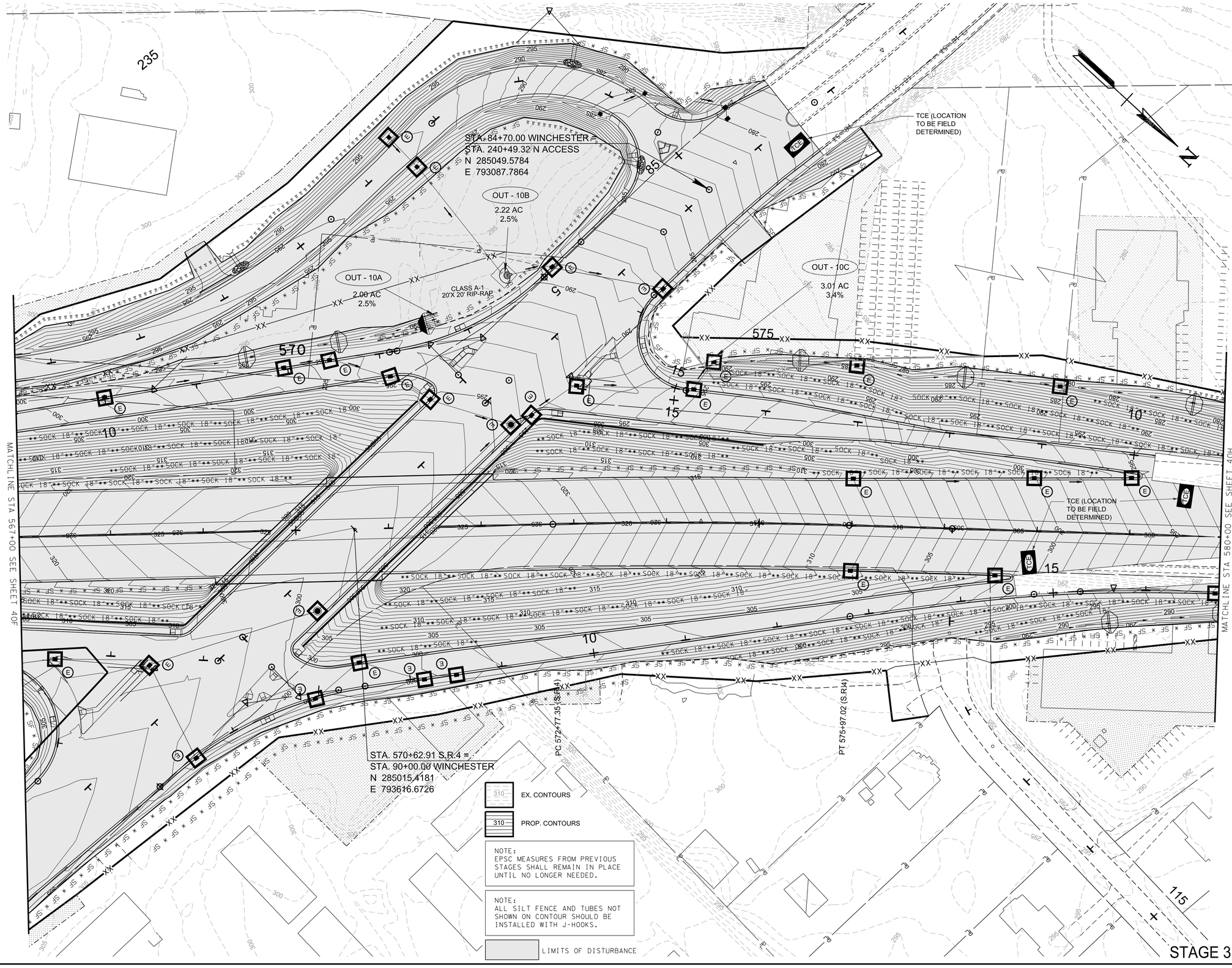
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40G
PIH	2026	STP/NH-4(6)	40G

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.567+00 TO STA.580+00

SCALE: 1"=50'

STAGE 3

3/10/2026 1:35:30 PM
P:\0000_0100\007824020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\40G_EPSC3.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40H
PIH	2026	STP/NH-4(6)	40H

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

N

STA. 592+43.32 S.R.4 =
STA. 120+00.00 CLEARPOOL <B>
N 286652.6369
E 792177.2522

OUT - 10D
1.15 AC
4.0%

OUT - 10
2.54 AC
4.0%

OUT - 11
0.85 AC
0.5%

OUT - 11A
2.91 AC
0.5%

OUT - 12
2.65 AC
4.0%

OUT - 12A
0.97 AC
4.0%

OUT - 13
1.06 AC
0.5%

TCE (LOCATION TO BE FIELD DETERMINED)

MATCHLINE STA 580+00 SEE SHEET 40G

MATCHLINE STA 593+00 SEE SHEET 40J

PLAN IN HAND

STAGE 3

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.580+00 TO STA.593+00

SCALE: 1"=50'

3/10/2026 1:35:32 PM
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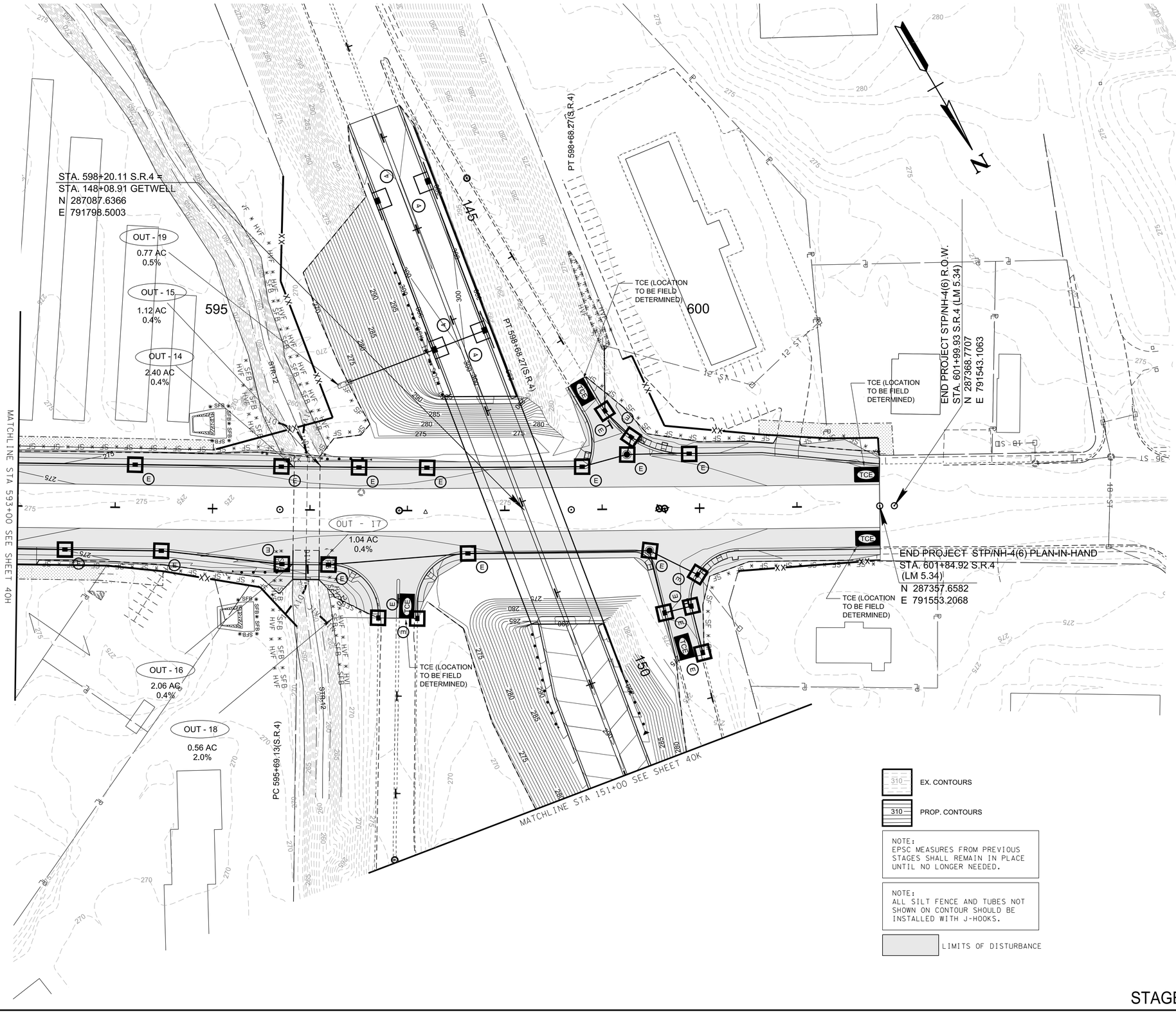
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40J
PIH	2026	STP/NH-4(6)	40J

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

EX. CONTOURS

PROP. CONTOURS

NOTE:
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NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.593+00 TO END PROJ.

SCALE: 1"=50'

STAGE 3

3/10/2026 1:35:33 PM
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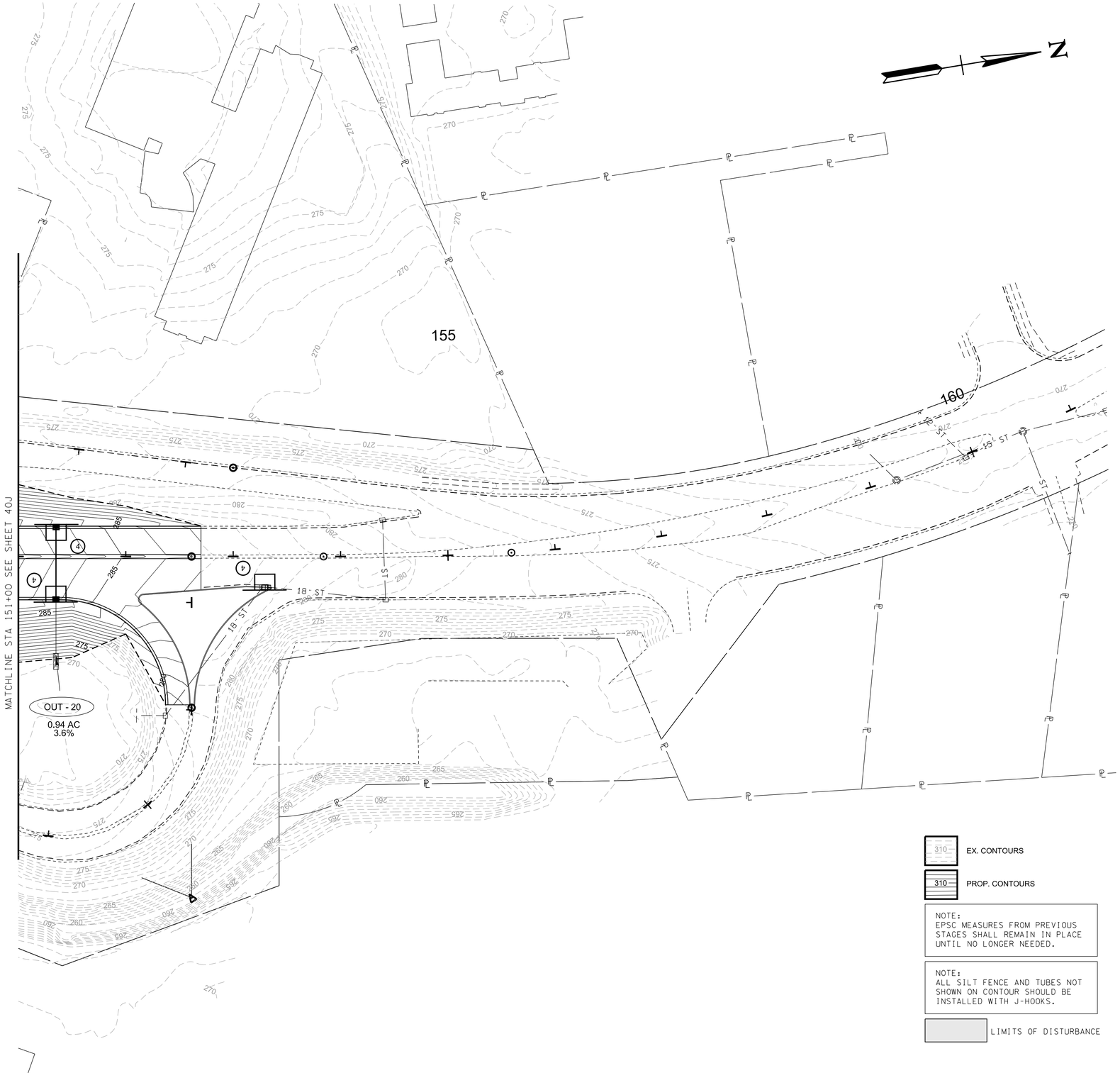
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	40K
PIH	2026	STP/NH-4(6)	40K

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.151+00 TO L.O.C.

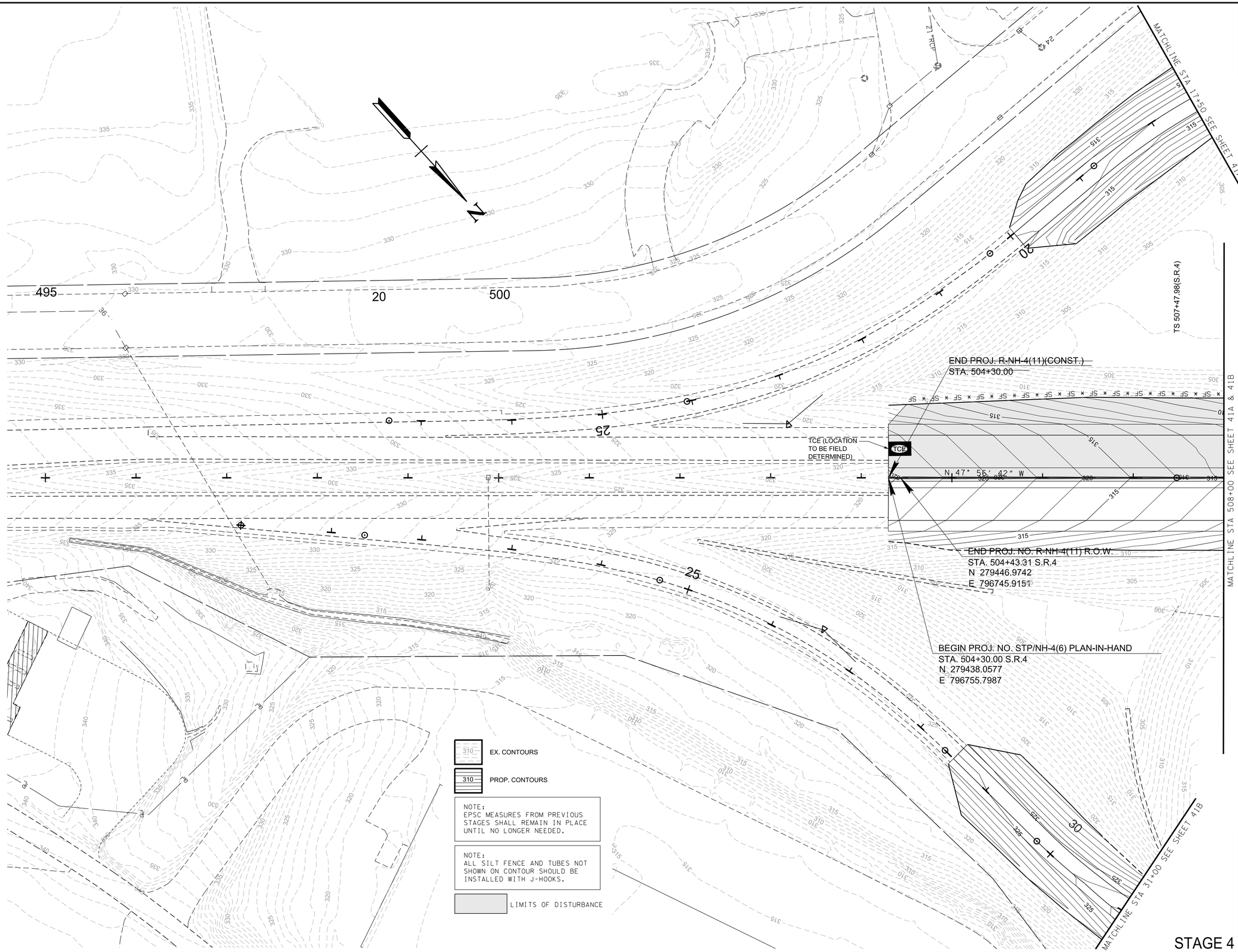
SCALE: 1"=50'

STAGE 3

3/10/2026 1:35:34 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\40K_EPSC3.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41
PIH	2026	STP/NH-4(6)	41

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
BEGIN PROJ. TO STA.508+00
SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:34 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\41_EPSC4.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41A
PIH	2026	STP/NH-4(6)	41A

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.508+00 TO STA.520+00
SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:36 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41B
PIH	2026	STP/NH-4(6)	41B

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

MATCHLINE STA 508+00 SEE SHEET 41

MATCHLINE STA 520+00 SEE SHEET 41C

MATCHLINE STA 31+00 SEE SHEET 41

OUT - 3A
2.53 AC
1.4%

OUT - 3B
1.05 AC
2.0%

OUT - 3C
1.62 AC
1.5%

OUT - 3D
1.25 AC
0.5%

OUT - 4
1.17 AC
2.7%

EX. CONTOURS

PROP. CONTOURS

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NOTE:
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LIMITS OF DISTURBANCE

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.508+00 TO STA.520+00

SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:37 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\41B_EPSC4.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41C
PIH	2026	STP/NH-4(6)	41C

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

N

MATCHLINE STA 520+00 SEE SHEET 41A & 41B

MATCHLINE STA 532+00 SEE SHEET 41D

OUT - 6
0.91 AC
2.6%

OUT - 3
1.88 AC
0.5%

BEGIN S HAUL RD
56.64' R OF CL SR 4 STA 530+97.62
=℄ OF S HAUL RD STA 0+00.00
N 281680.98
E 795507.46

WTL-12

ST 531+46.11(S,R-4)

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.520+00 TO STA.532+00

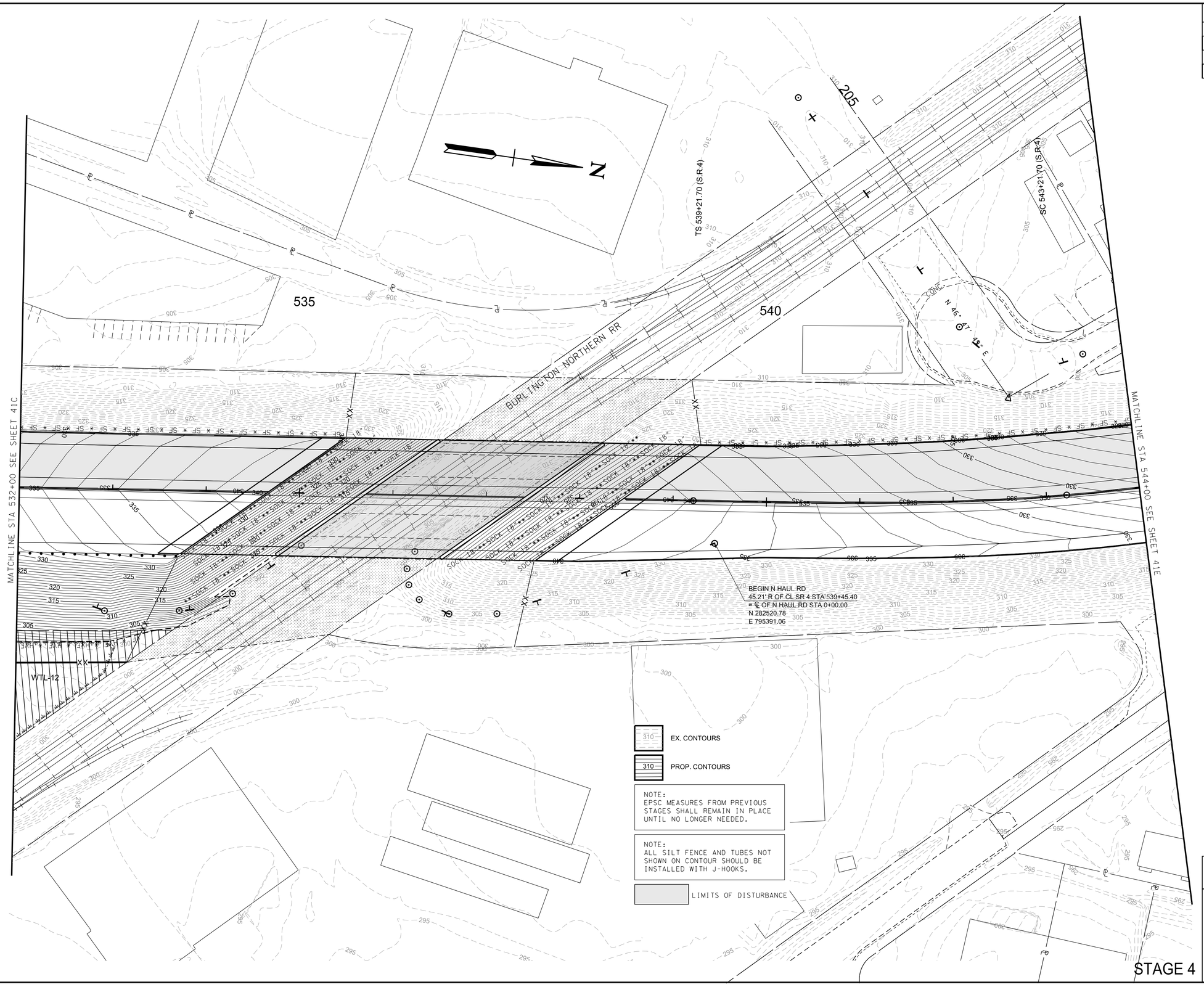
SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:38 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\41C_EPSC4.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41D
PIH	2026	STP/NH-4(6)	41D

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.532+00 TO STA.544+00

SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:39 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\41D_EPSC4.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41E
PIH	2026	STP/NH-4(6)	41E

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

215

210

550

545

N

OUT - 7
1.20 AC
1.8%

CS 551+54.61 (S.R.4)

MATCHLINE STA 544+00 SEE SHEET 41D

MATCHLINE STA 555+00 SEE SHEET 41F

PLAN
IN
HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.544+00 TO STA.555+00

SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:40 PM
P:\0000_0100\00780240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\41E_ EPSC4.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41F
PIH	2026	STP/NH-4(6)	41F

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
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NOTE:
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LIMITS OF DISTURBANCE

STA. 302+81.08 S. ACCESS =
STA. 220+04.04 PIDGEON ROOST
N 283731.4678
E 794464.8063

TCE (LOCATION TO BE FIELD DETERMINED)

STA. 230+00.00 N ACCESS =
STA. 68+09.82 HOMEWOOD
N 284510.9335
E 793844.8368

STA. 555+50.00 S.R.4 =
STA. 300+00.00 S. ACCESS
N 283926.5636
E 794667.0511

OUT - 9B
1.60 AC
2.6%

OUT - 9C
1.21 AC
3.3%

NOTE:
REFER TO SHEET 42L FOR TREE PLANTING SCHEDULE.

STA. 557+97.83 S.R.4 =
STA. 40+00.00 GOODLETT
N 284104.9288
E 794494.9887

OUT - 9A
0.46 AC
2.6%

OUT - 9
2.02 AC
1.2%

OUT - 9D
1.61 AC
2.5%

STA. 565+69.92 S.R.4 =
STA. 70+00.00 HOMEWOOD
N 284660.6040
E 793958.9490

ST 555+54.61(S.R.4)

42" ST

MATCHLINE STA 555+00 SEE SHEET 41E

MATCHLINE STA 567+00 SEE SHEET 41G

PLAN IN HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.555+00 TO STA.567+00

SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:41 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41G
PIH	2026	STP/NH-4(6)	41G

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.

STA. 84+70.00 WINCHESTER =
STA. 240+49.32 N ACCESS
N 285049.5784
E 793087.7864

OUT - 10B
2.22 AC
2.5%

OUT - 10A
2.00 AC
2.5%

OUT - 10C
3.01 AC
3.4%

CLASS A-1
20'X 20' RIP-RAP

STA. 570+62.91 S.R.4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

PC 572+77.35 (S.R.4)

PT 575+97.02 (S.R.4)

MATCHLINE STA 567+00 SEE SHEET 41F

MATCHLINE STA 580+00 SEE SHEET 41H

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
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NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.567+00 TO STA.580+00

SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:42 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41H
PIH	2026	STP/NH-4(6)	41H

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.

310 EX. CONTOURS

310 PROP. CONTOURS

NOTE:
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NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

N

STA. 592+43.32 S.R.4 =
STA. 120+00.00 CLEARPOOL <B>
N 286652.6369
E 792177.2522

OUT - 10D
1.15 AC
4.0%

OUT - 10
2.54 AC
4.0%

OUT - 11
0.85 AC
0.5%

OUT - 11A
2.91 AC
0.5%

OUT - 12
2.65 AC
4.0%

OUT - 12A
0.97 AC
4.0%

OUT - 13
1.06 AC
0.5%

** SOCK 18 **

MATCHLINE STA 580+00 SEE SHEET 41G

MATCHLINE STA 593+00 SEE SHEET 41J

STAGE 4

PLAN IN HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.580+00 TO STA.593+00
SCALE: 1"=50'

3/10/2026 1:35:44 PM
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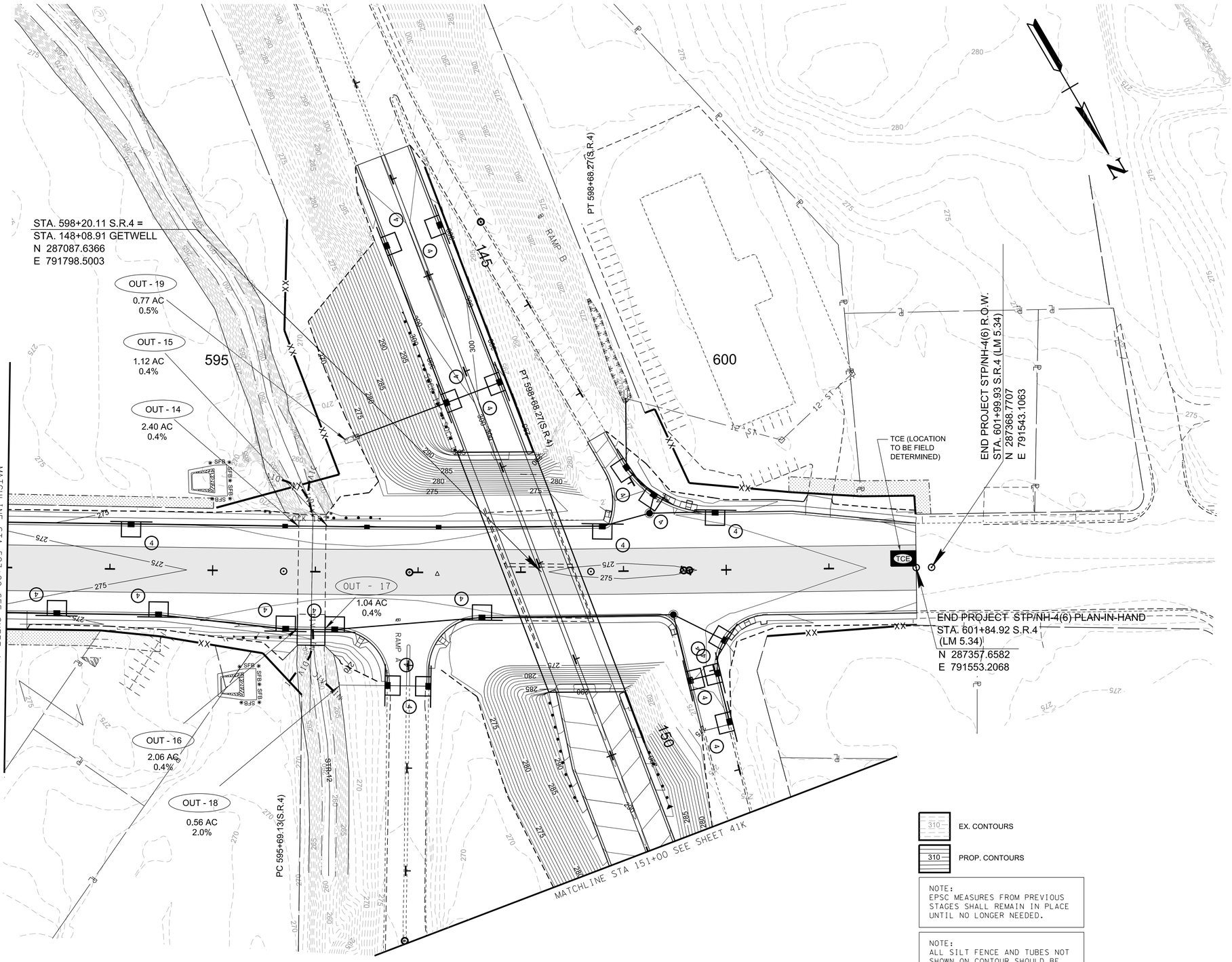
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41J
PIH	2026	STP/NH-4(6)	41J

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.



EX. CONTOURS

PROP. CONTOURS

NOTE:
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NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.593+00 TO END PROJ.

SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:45 PM
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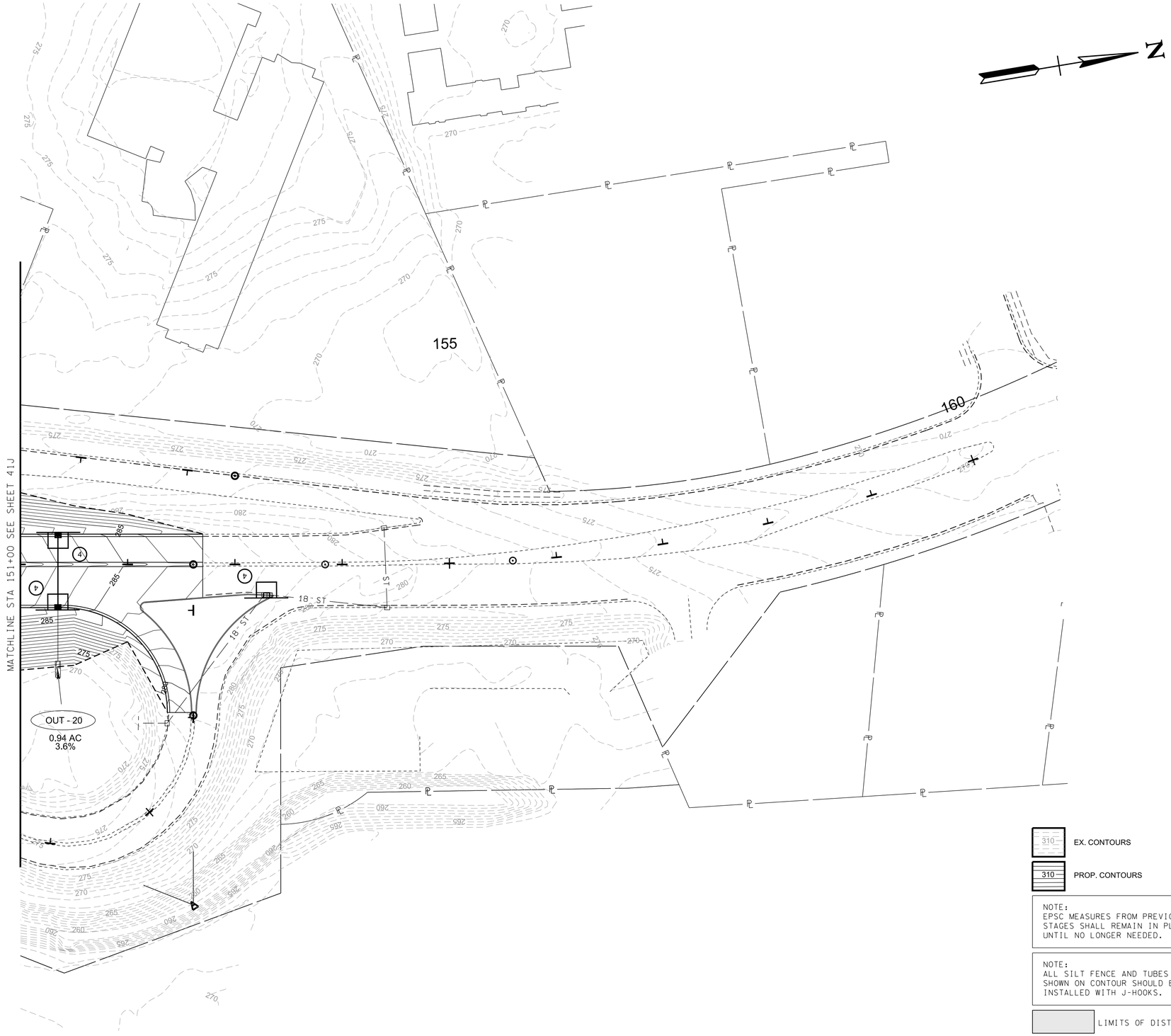
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	41K
PIH	2026	STP/NH-4(6)	41K

REV. 07-15-25: ADDED SHEET DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

EX. CONTOURS

PROP. CONTOURS

NOTE:
EPSC MEASURES FROM PREVIOUS STAGES SHALL REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE:
ALL SILT FENCE AND TUBES NOT SHOWN ON CONTOUR SHOULD BE INSTALLED WITH J-HOOKS.

LIMITS OF DISTURBANCE

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.151+00 TO L.O.C.

SCALE: 1"=50'

STAGE 4

3/10/2026 1:35:46 PM
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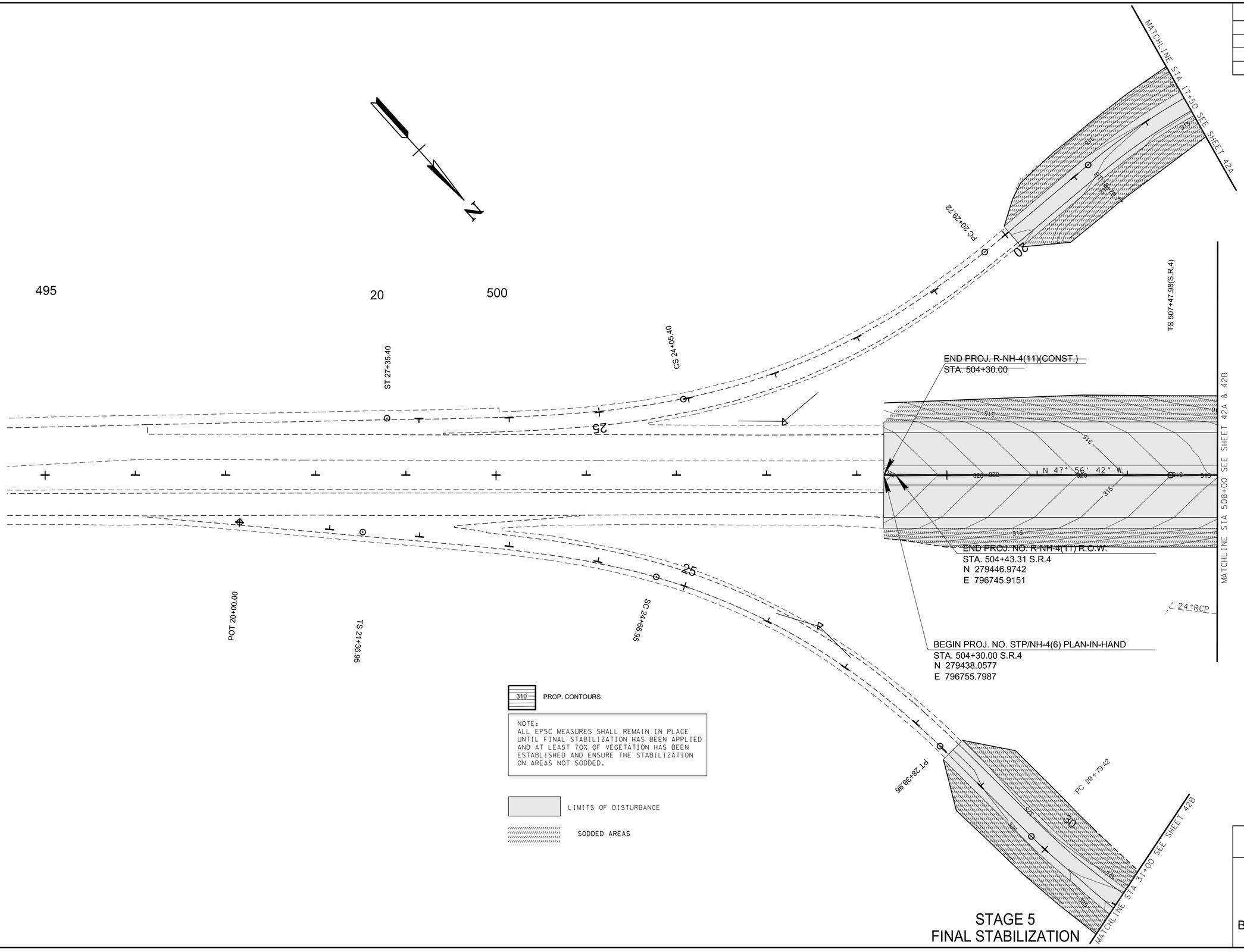
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42



PLAN IN HAND

STAGE 5
FINAL STABILIZATION

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

BEGIN PROJ. TO STA.508+00

SCALE: 1"=50'

3/10/2026 1:35:46 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42A

310 PROP. CONTOURS

NOTE:
ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT least 70% OF VEGETATION HAS BEEN ESTABLISHED AND ENSURE THE STABILIZATION ON AREAS NOT SODDED.

LIMITS OF DISTURBANCE

SODDED AREAS

N

OUT - 1
0.76 AC
2.7%

OUT - 2
1.05 AC
2.7%

510

515

SC 510+97.98 (S.R.4)

WTL-11

STR-9

STR-10

MATCHLINE STA 17+50 SEE SHEET 42

MATCHLINE STA 508+00 SEE SHEET 42

MATCHLINE STA 520+00 SEE SHEET 42C

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

STAGE 5
FINAL STABILIZATION

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.508+00 TO STA.520+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42B

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

MATCHLINE STA 508+00 SEE SHEET 42

MATCHLINE STA 520+00 SEE SHEET 42C

MATCHLINE STA 31+00 SEE SHEET 42

OUT - 3A
2.53 AC
1.4%

OUT - 3B
1.05 AC
2.0%

OUT - 3C
1.62 AC
1.5%

OUT - 3D
1.25 AC
0.5%

OUT - 4
1.17 AC
2.7%

STR-9

RAMP E

310 PROP. CONTOURS

NOTE:
ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED AND ENSURE THE STABILIZATION ON AREAS NOT SODDED.

LIMITS OF DISTURBANCE

SODDED AREAS

PLAN
IN
HAND

STAGE 5
FINAL STABILIZATION

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.508+00 TO STA.520+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42C

310 PROP. CONTOURS

NOTE:
ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED AND ENSURE THE STABILIZATION ON AREAS NOT SODDED.

LIMITS OF DISTURBANCE

SODDED AREAS

N

10

525

5

530

OUT - 6
0.91 AC
2.6%

ST 531+46.11(S.R.4)

MATCHLINE STA 520+00 SEE SHEET 42A & 42B

MATCHLINE STA 532+00 SEE SHEET 42D

OUT - 3
1.88 AC
0.5%

STR-10

OUT - 5
2.22 AC
2.5%

BEGIN S HAUL RD
58.64' R OF CL SR 4 STA 530+97.62
=℄ OF S HAUL RD STA 0+00.00
N 281680.98
E 795507.46

WTL-12

PLAN IN HAND

STAGE 5
FINAL STABILIZATION

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.520+00 TO STA.532+00
SCALE: 1"=50'

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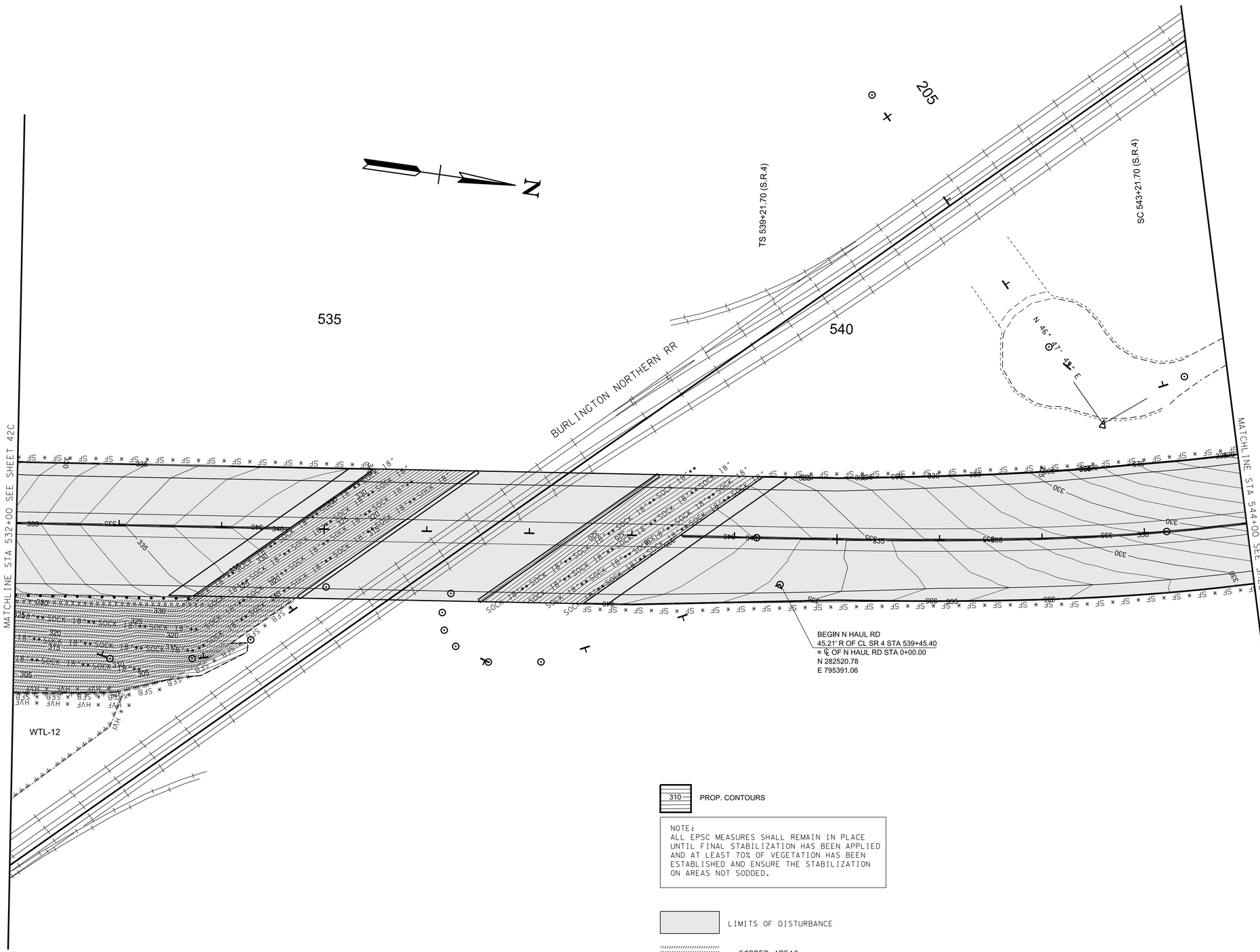
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42D



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.532+00 TO STA.544+00

SCALE: 1"=50'

STAGE 5
FINAL STABILIZATION

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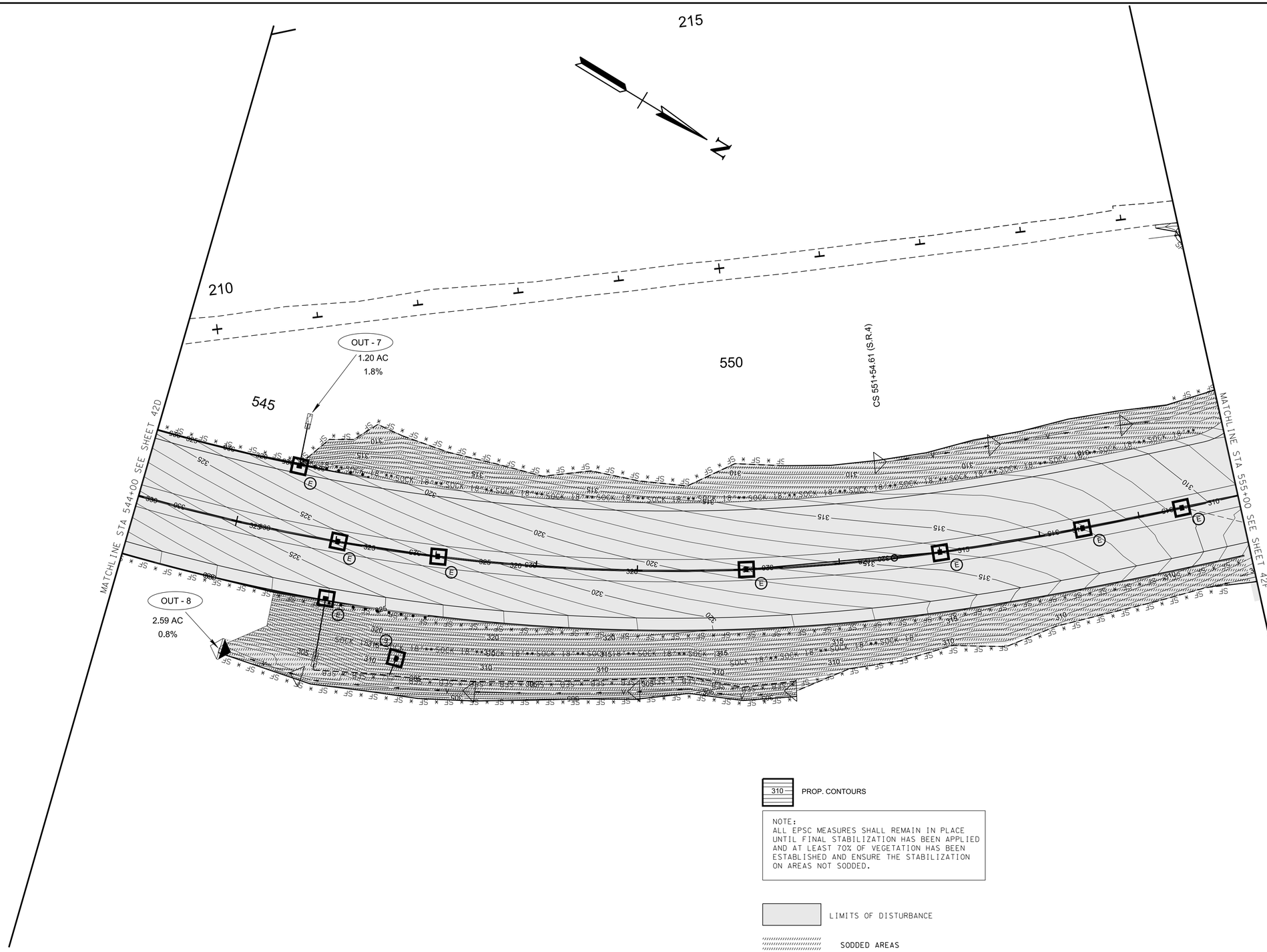
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42E



310 PROP. CONTOURS

NOTE:
ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED AND ENSURE THE STABILIZATION ON AREAS NOT SODDED.

LIMITS OF DISTURBANCE

SODDED AREAS

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.544+00 TO STA.555+00

SCALE: 1"=50'

STAGE 5
FINAL STABILIZATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42F

STA. 302+81.08 S. ACCESS =
STA. 220+04.04 PIDGEON ROOST
N 283731.4678
E 794464.8063

STA. 230+00.00 N ACCESS =
STA. 68+09.82 HOMEWOOD
N 284510.9335
E 793844.8368

STA. 555+50.00 S.R.4 =
STA. 300+00.00 S. ACCESS
N 283926.5636
E 794667.0511

NOTE:
REFER TO SHEET 42L
FOR TREE PLANTING
SCHEDULE.

OUT - 9B
1.60 AC
2.6%

OUT - 9C
1.21 AC
3.3%

B = 4'
0.47%

STR-11

42" ST

STA. 557+97.83 S.R.4 =
STA. 40+00.00 GOODLETT
N 284104.9288
E 794494.9887

OUT - 9A
0.46 AC
2.6%

OUT - 9
2.02 AC
1.2%

OUT - 9D
1.61 AC
2.5%

STA. 565+69.92 S.R.4 =
STA. 70+00.00 HOMEWOOD
N 284660.6040
E 793958.9490

MATCHLINE STA 555+00 SEE SHEET 42E

MATCHLINE STA 567+00 SEE SHEET 42G

ST 555+54.61(S.R.4)

310 PROP. CONTOURS

NOTE:
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LIMITS OF DISTURBANCE

SODDED AREAS

STAGE 5
FINAL STABILIZATION

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.555+00 TO STA.567+00

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42G

STA. 84+70.00 WINCHESTER =
STA. 240+49.32 N ACCESS
N 285049.5784
E 793087.7864

OUT - 10B
2.22 AC
2.5%

OUT - 10A
2.00 AC
2.5%

CLASS A-1
20'X 20' RIP-RAP

OUT - 10C
3.01 AC
3.4%

STA. 570+62.91 S.R.4 =
STA. 90+00.00 WINCHESTER
N 285015.4181
E 793616.6726

PC 572+77.35 (S.R.4)

PT 575+97.02 (S.R.4)

310 PROP. CONTOURS

NOTE:
ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED AND ENSURE THE STABILIZATION ON AREAS NOT SODDED.

LIMITS OF DISTURBANCE

SODDED AREAS

MATCHLINE STA 567+00 SEE SHEET 42F

MATCHLINE STA 580+00 SEE SHEET 42H

STAGE 5
FINAL STABILIZATION

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.567+00 TO STA.580+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42H

310 PROP. CONTOURS

NOTE:
ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED AND ENSURE THE STABILIZATION ON AREAS NOT SODDED.

LIMITS OF DISTURBANCE

SODDED AREAS

N

STA. 592+43.32 S.R.4 =
STA. 120+00.00 CLEARPOOL <B>
N 286652.6369
E 792177.2522

580 585 590

OUT - 10D
1.15 AC
4.0%

OUT - 10
2.54 AC
4.0%

OUT - 11
0.85 AC
0.5%

OUT - 11A
2.91 AC
0.5%

OUT - 12A
0.97 AC
4.0%

OUT - 12
2.65 AC
4.0%

OUT - 13
1.06 AC
0.5%

POT 5+00.00

ST 17+29.21

MATCHLINE STA 580+00 SEE SHEET 42G

MATCHLINE STA 593+00 SEE SHEET 42J

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.580+00 TO STA.593+00

SCALE: 1"=50'

STAGE 5
FINAL STABILIZATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42J

310 PROP. CONTOURS

NOTE:
ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED AND ENSURE THE STABILIZATION ON AREAS NOT SODDED.

LIMITS OF DISTURBANCE

SODDED AREAS

STA. 598+20.11 S.R.4 =
STA. 148+08.91 GETWELL
N 287087.6366
E 791798.5003

OUT - 19
0.77 AC
0.5%

OUT - 15
1.12 AC
0.4%

OUT - 14
2.40 AC
0.4%

OUT - 17
1.04 AC
0.4%

OUT - 16
2.06 AC
0.4%

OUT - 18
0.56 AC
2.0%

PT 598+68.27(S.R.4)

PC 595+69.13(S.R.4)

595

600

145

150

STR-12

MATCHLINE STA 593+00 SEE SHEET 42H

MATCHLINE STA 151+00 SEE SHEET 42K

END PROJECT STP/NH-4(6) R.O.W.
STA. 601+99.93 S.R.4 (LM 5.34)
N 287368.7707
E 791543.1063

END PROJECT STP/NH-4(6) PLAN-IN-HAND
STA. 601+84.92 S.R.4
(LM 5.34)
N 287357.6582
E 791553.2068

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA.593+00 TO END PROJ.

SCALE: 1"=50'

STAGE 5
FINAL STABILIZATION

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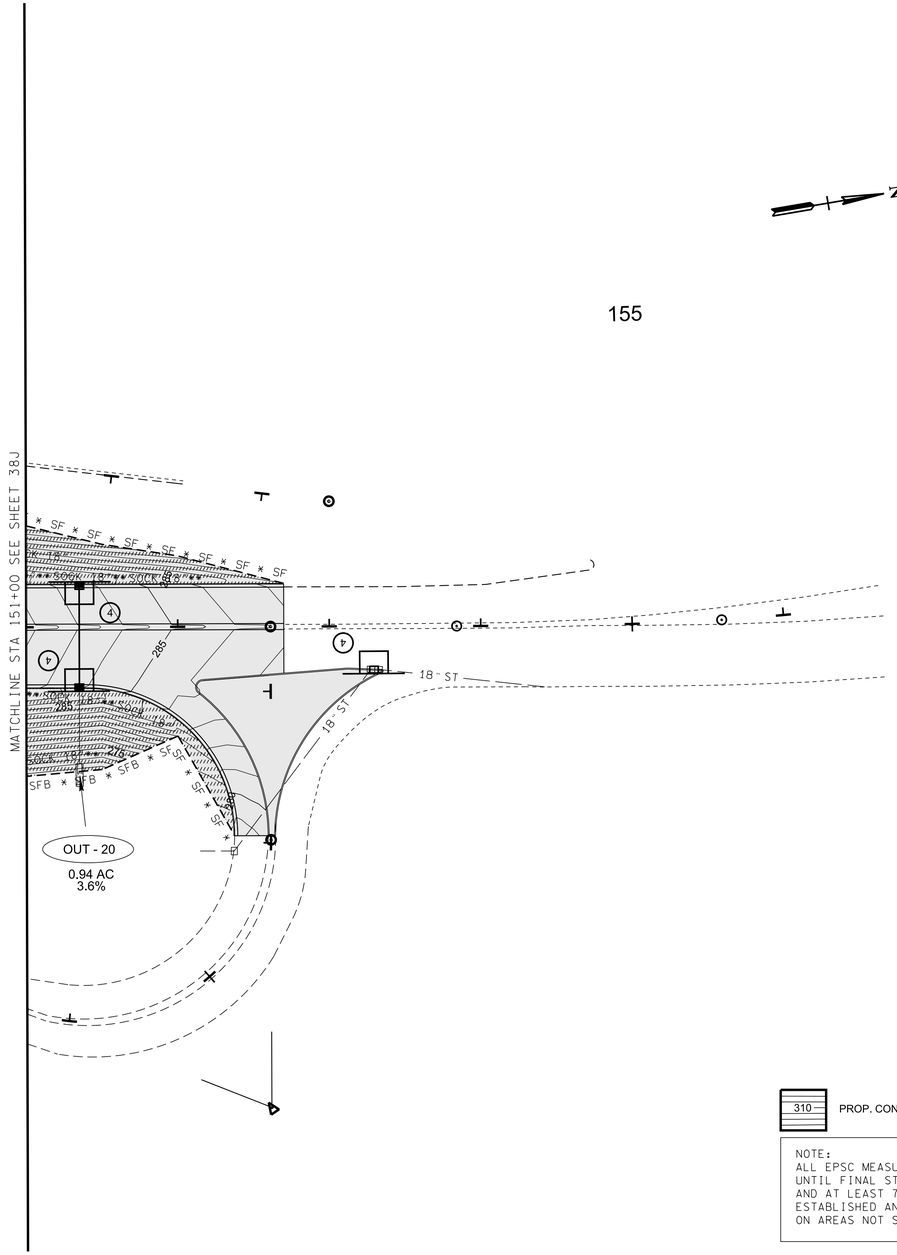
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42K



310 PROP. CONTOURS

NOTE:
ALL EPSC MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN APPLIED AND AT LEAST 70% OF VEGETATION HAS BEEN ESTABLISHED AND ENSURE THE STABILIZATION ON AREAS NOT SODDED.

LIMITS OF DISTURBANCE

SODDED AREAS

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGE 5
FINAL STABILIZATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA.151+00 TO L.O.C.
SCALE: 1"=50'

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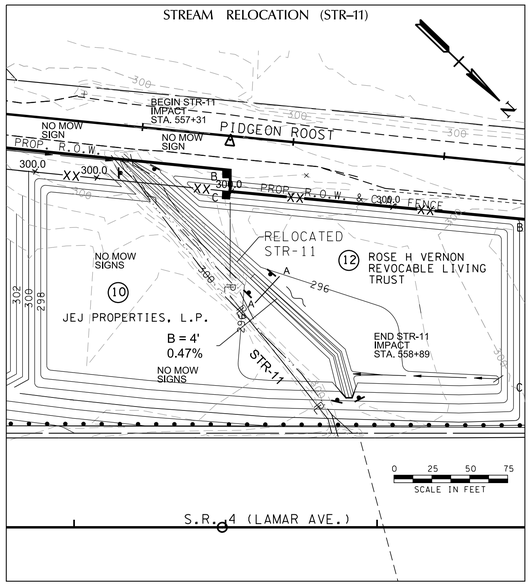
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	42L

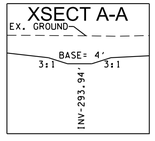
STANDARD STREAM MITIGATION:

1. IF THE RELOCATED CHANNEL FLOWS INTO A PROPOSED CULVERT, THE NEW CHANNEL SHALL BE RELOCATED PRIOR TO INSTALLATION OF THE CULVERT TO ENSURE CORRECT ELEVATION LEVELS ARE SET FOR THE INLET. THE NEW CHANNEL SHALL BE EXCAVATED AND STABILIZED DURING A LOW-WATER PERIOD. RIP-RAP (ONLY AS SHOWN ON PLANS), SEEDING OR SOD SHALL BE INSTALLED IMMEDIATELY FOLLOWING CHANNEL EXCAVATION. WATER SHALL BE DIVERTED INTO THE NEW CHANNEL ONLY AFTER IT IS STABILIZED, AND ONLY DURING A LOW WATER PERIOD. STABILIZED MEANS THAT ALL SPECIFIED ROAD AND EROSION CONTROL BLANKET IS IN PLACE, AND SEEDING AND SOD ARE IN PLACE AND ESTABLISHED.
2. CHANNEL RELOCATION SEQUENCE
   - A) FLAG EDGE OF NEW CHANNEL TOP BANK PRIOR TO CLEARING. DO NOT CLEAR LARGE TREES IN POSITION TO SHADE THE NEW CHANNEL. LEAVE AS MANY TREES AND SHRUBS AS POSSIBLE BETWEEN TOES OF THE NEW HIGHWAY SLOPE AND THE STREAM.
   - B) EXCAVATE THE NEW CHANNEL "IN THE DRY" BY LEAVING AREAS OF UNDISTURBED EARTH (DIVERSION BERMS) IN PLACE AT BOTH ENDS.
   - C) SHAPE CHANNEL TO SPECIFICATIONS SHOWN. REMOVE LOOSE SOIL AND DEBRIS.
   - D) PLACE TOPSOIL, EROSION CONTROL BLANKET OR FLEXIBLE CHANNEL LINER, SEED, AND SOD AS SPECIFIED.
   - E) REMOVE DIVERSION BERMS, BEGINNING WITH THE MOST DOWNSTREAM, BANKS AND BOTTOM ELEVATION OF THE OLD CHANNEL SHOULD TRANSITION SMOOTHLY INTO THE NEW CHANNEL. THE ELEVATIONS OF THE NEW CHANNEL BOTTOM AT EACH END OF THE RELOCATION SEQUENCESHOULD MATCH THE ELEVATIONS OF THE EXISTING CHANNEL, AND A STEADY PERCENT SLOPE SHOULD BE MAINTAINED THROUGHOUT THE RELOCATED CHANNEL CENTERLINE OR AS SPECIFIED.
   - F) INSTALL TREES ACCORDING TO THE SPECIFICATIONS SECTION 802.
3. ONLY RIP-RAP SHOWN ON PLANS SHOULD BE USED IN THE RELOCATED CHANNEL REACH. ANY OTHER PROPOSED RIP-RAP SHOULD BE COORDINATED WITH THE ENVIRONMENTAL DIVISION THROUGH THE TDOT HEADQUARTERS CONSTRUCTION OFFICE.
4. REQUESTS BY ANY AGENCY THAT WOULD REQUIRE THE MODIFICATION OF CHANNELS, DITCHES, ELEVATIONS, RIP-RAP OR ANY OTHER STREAM MITIGATION ITEMS ASSOCIATED WITH THE CHANNEL RELOCATIONS SHALL BE REFERRED TO THE TDOT ENVIRONMENTAL DIVISION VIA THE HEADQUATERS CONSTRUCTION OFFICE FOR COORDINATION WITH ALL INVOLVED AGENCIES AND TDOT DIVISIONS. THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION MAY MAKE RECOMMENDATIONS CONCERNING EROSION CONTROL VIA THE ENGINEER WITHOUT SUCH REFERRAL.

TREES:

1. NO SUBSTITUTIONS OF TREE SPECIES OR SIZES SHALL BE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE TDOT ENVIRONMENTAL PLANNING AND PERMITS DIVISION. CONCERNING STREAM MITIGATION, TREES SHALL BE OF THE VARIETY REQUESTED, WELL BRANCHED, BALL AND BURLAPPED, AND FIRST QUALITY. NO CLONES OR CULTIVARS WILL BE ACCEPTED. ANY FOUND TO BE INCORRECT SPECIES OR IMPROPERLY PLANTED, AT ANY TIME PRIOR TO THE TERMINATION OF THE CONTRACT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. STAKES AND WIRES SHALL BE REMOVED IMMEDIATELY PRIOR TO CONTRACT TERMINATION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHOULD ARRANGE SEVERAL MONTHS AHEAD OF TIME TO OBTAIN THE CORRECT TREE SPECIES, AS SOME MAY REQUIRE SOME TIME TO LOCATE.
3. TREES SHALL BE WATERED AS REQUIRED THROUGH THE PERIOD OF ESTABLISHMENT TO INSURE SURVIVAL.



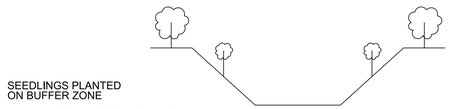


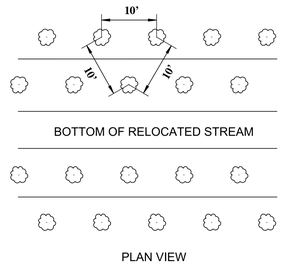
Item #	Description	QTY	Spacing
802-02.30	Cuttings: Salix Nigra (18In-24In)	55	3' x 3'
802-02.32	Cuttings: Cornus Amomum (18In-24In)	55	3' x 3'
802-02.38	Cuttings: Platanus Occidentalis (18In-24In)	55	3' x 3'
802-02.39	Cuttings: Populus Deltoides (18In-24In)	55	3' x 3'
802-12.18	Liquidamber Styraciflua (Sweetgum Seedlng B.R.)	18	10' x 10'
802-12.19	Liriodendron Tulipifera (Tulip Poplar Seedlng B.R.)	18	10' x 10'
802-12.26	Platanus Occidentalis (Sycamore Seeclng B.R.)	18	10' x 10'
802-12.44	Ulmus Americana (American Elm Seedling B.R.)	18	10' x 10'

Table 7.9-1 Preferred seed mixes using natives or naturalized plants and planting dates.
**non-native but do not spread.*

Zone		Best	Marginal	Preferred Rate/Mix (lb/ac PLS)
Region I	Poorly drained soils	Feb 1 – Mar 20 Sept 1 – Sept 30	Mar 20 – Apr 30 Sept 30 – Oct 31	15 Browntop millet* (nurse crop) 2 switch grass 4 little bluestem 4 Virginia wild rye 4 purpletop 2 partridge pea 2 black-eyed susan
	Well drained soils	Apr 1 – July 15		15 Browntop millet* (nurse crop) 4 little blue stem 4 purpletop 2 sideoats gramma 2 partridge pea 2 black-eyed susan
	High maintenance	Apr 1 – July 15		15 Browntop millet* (nurse crop) 2 partridge pea 45 Red fescue* 45 hard fescue* 25 chewing fescue*

PLANTING DETAIL







PROTECTED AREA SIGN
N.T.S.

PROTECTED AREA SIGN NOTES

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

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL MITIGATION PLANS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42
PIH	2026	STP/NH-4(6)	43

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)

N

20

500

MATCHLINE SEE SHEET 44

6" SSWL

6" SSYL

6" SDWL

16'

20

END RAMP C1
STA. 27+35.40 = 63' LT.
STA. 498+79.13 S.R. 4

25

EX. W4-1 TO REMAIN

END PROJ. R-NH-4(11)(CONST.)
STA. 504+30.00

6" SSWL W/ RUMBLE STRIP
6" SBWL
6" SSYL W/ RUMBLE STRIP
6" SSYL W/ RUMBLE STRIP
6" SBWL
6" SSWL W/ RUMBLE STRIP
36'

MATCHLINE STA 508+00 SEE SHEET 44 & 45

END PROJ. NO. R-NH-4(11) R.O.W.
STA. 504+43.31 S.R.4
N 279446.9742
E 796745.9151

EX. W4-1 TO REMAIN

BEGIN PROJ. NO. STP/NH-4(6) PLAN-IN-HAND
STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987

BEGIN RAMP C2
STA. 20+00.00 = 52' RT.
STA. 497+15.67 S.R. 4

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

① R3-3 48 x 48

② R3-8AR(MOD) 48 x 30 (ONLY ONLY ONLY)

6" SSWL 6" SSYL

30

MATCHLINE SEE SHEET 45

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
BEGIN TO STA.508+00
SCALE: 1"=50'

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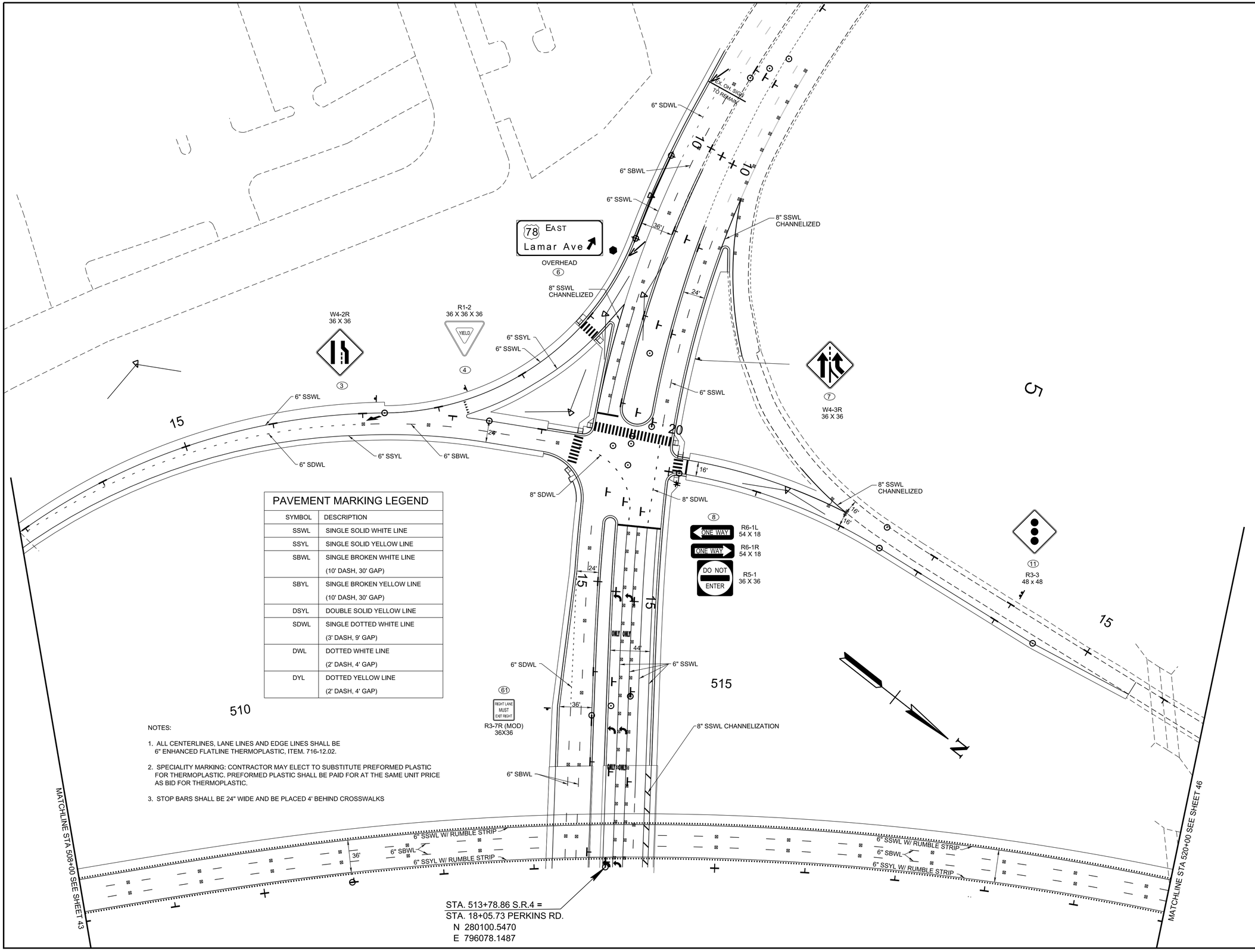
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42A
PIH	2026	STP/NH-4(6)	44

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PAVEMENT MARKING LEGEND

SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA.508+00 TO STA.520+00
SCALE: 1"=50'

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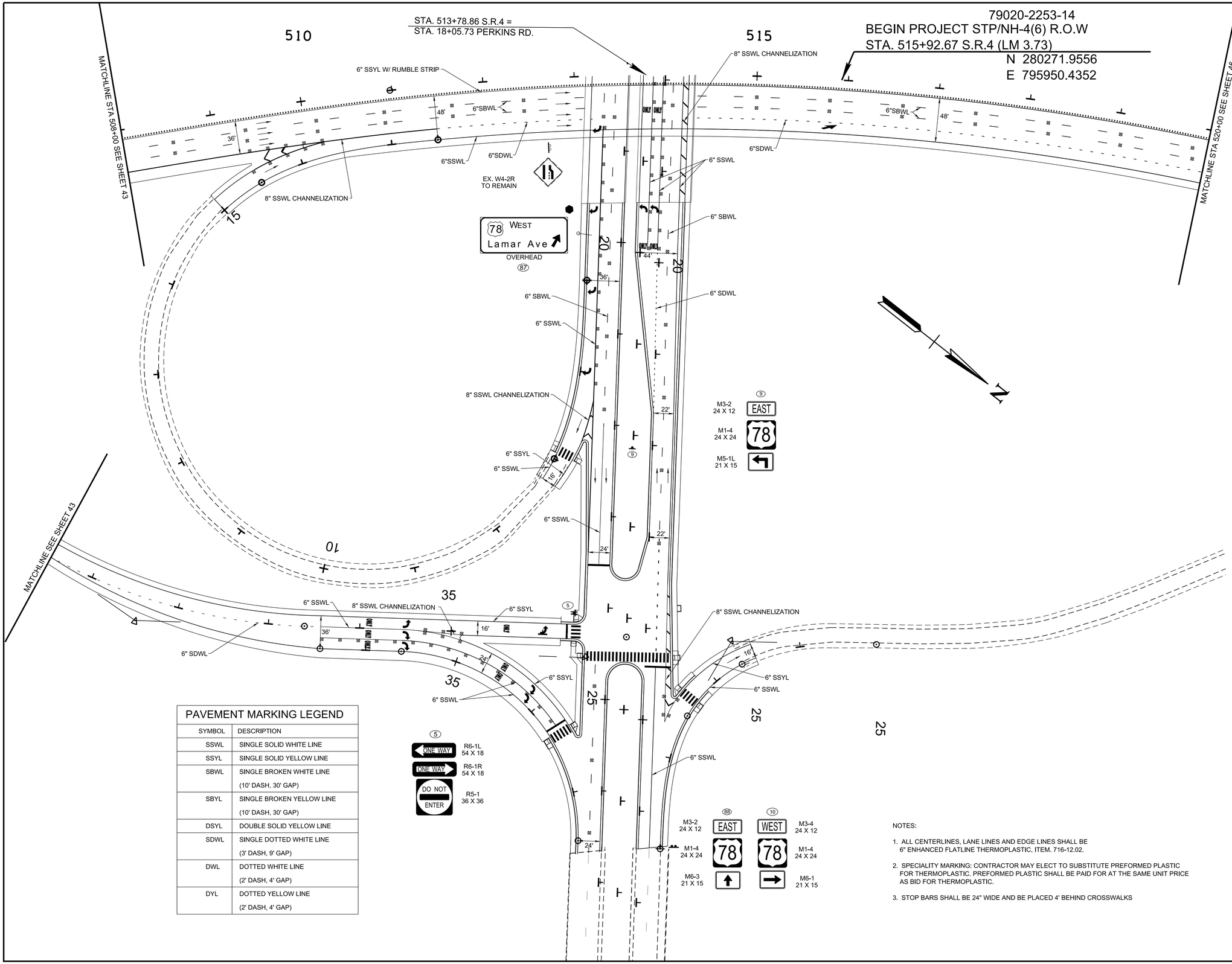
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42B
PIH	2026	STP/NH-4(6)	45

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PLAN IN HAND

PAVEMENT MARKING LEGEND

SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA.508+00 TO STA.520+00
SCALE: 1"=50'

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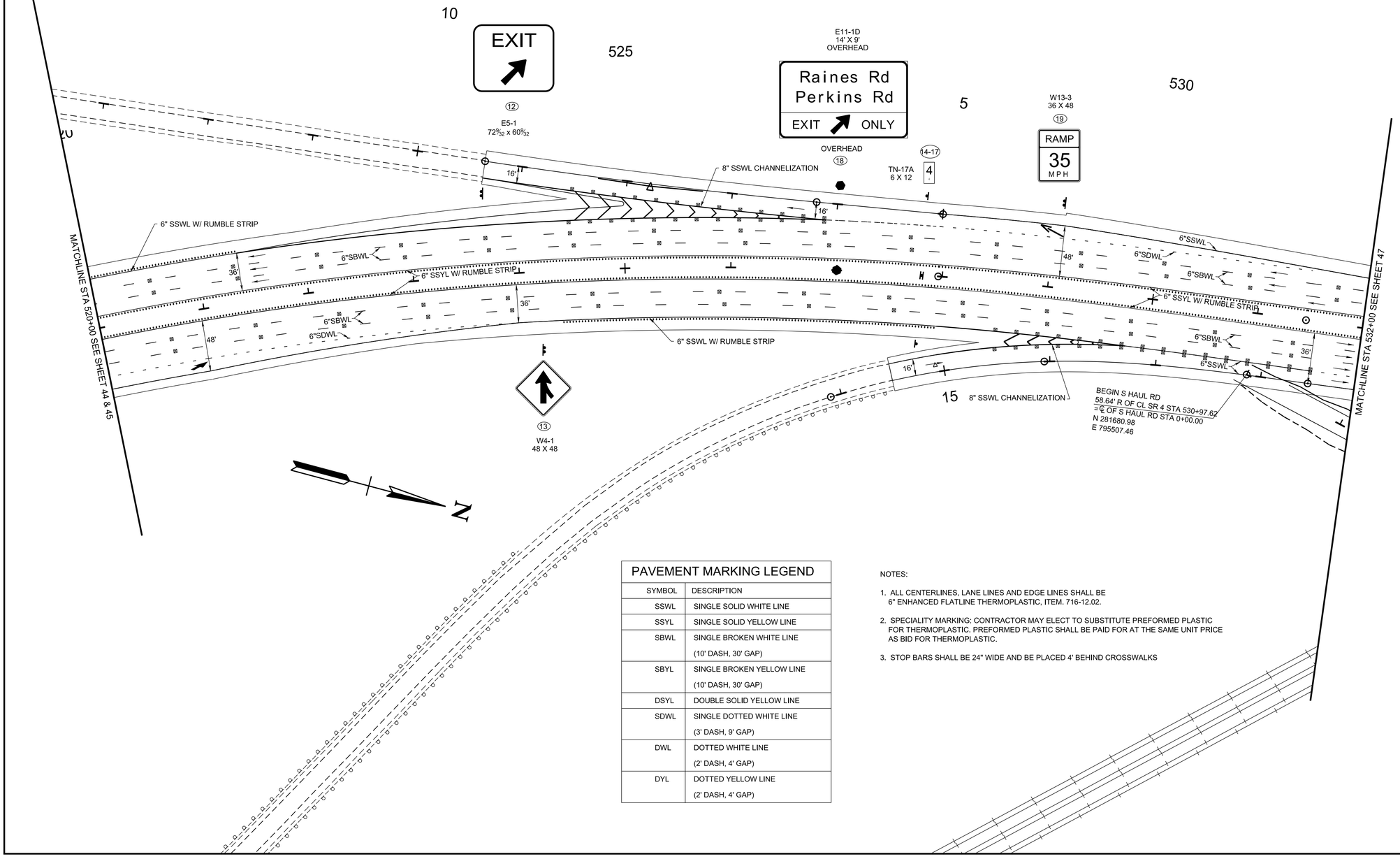
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42C
PIH	2026	STP/NH-4(6)	46

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA.520+00 TO STA.532+00

SCALE: 1"=50'

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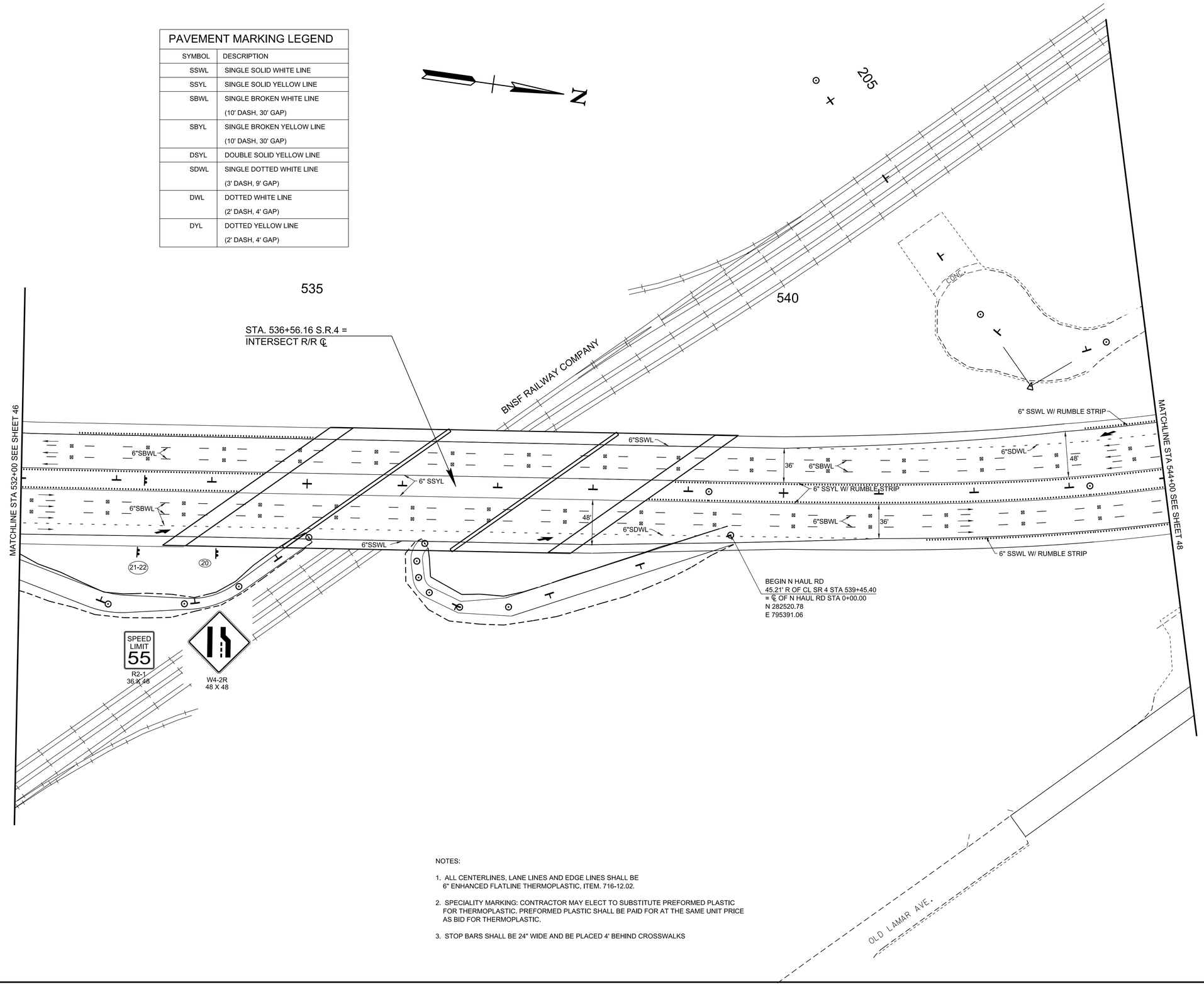
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42D
PIH	2026	STP/NH-4(6)	47

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)



NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA.532+00 TO STA.544+00
SCALE: 1"=50'

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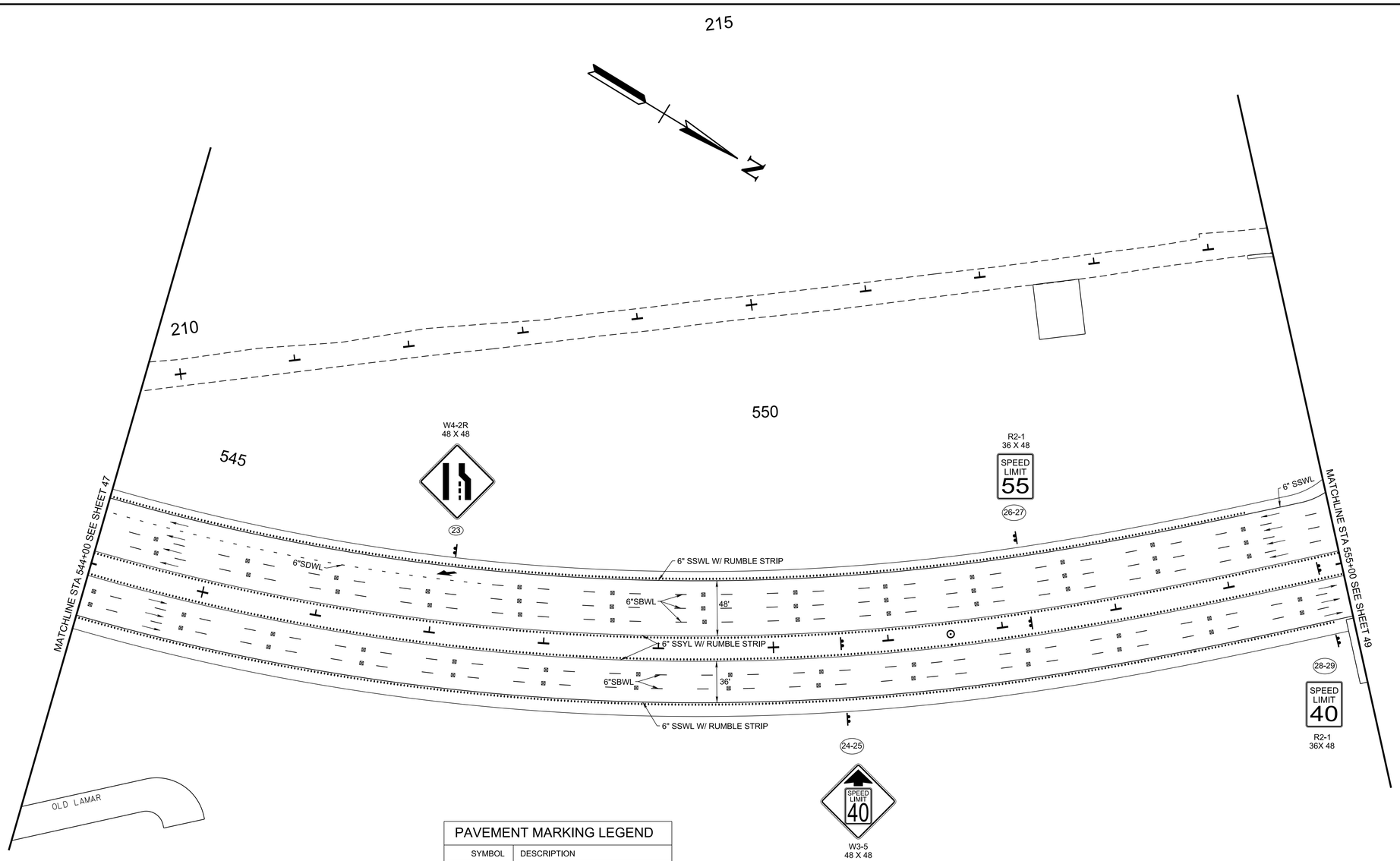
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42E
PIH	2026	STP/NH-4(6)	48

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA.544+00 TO STA.555+00

SCALE: 1"=50'

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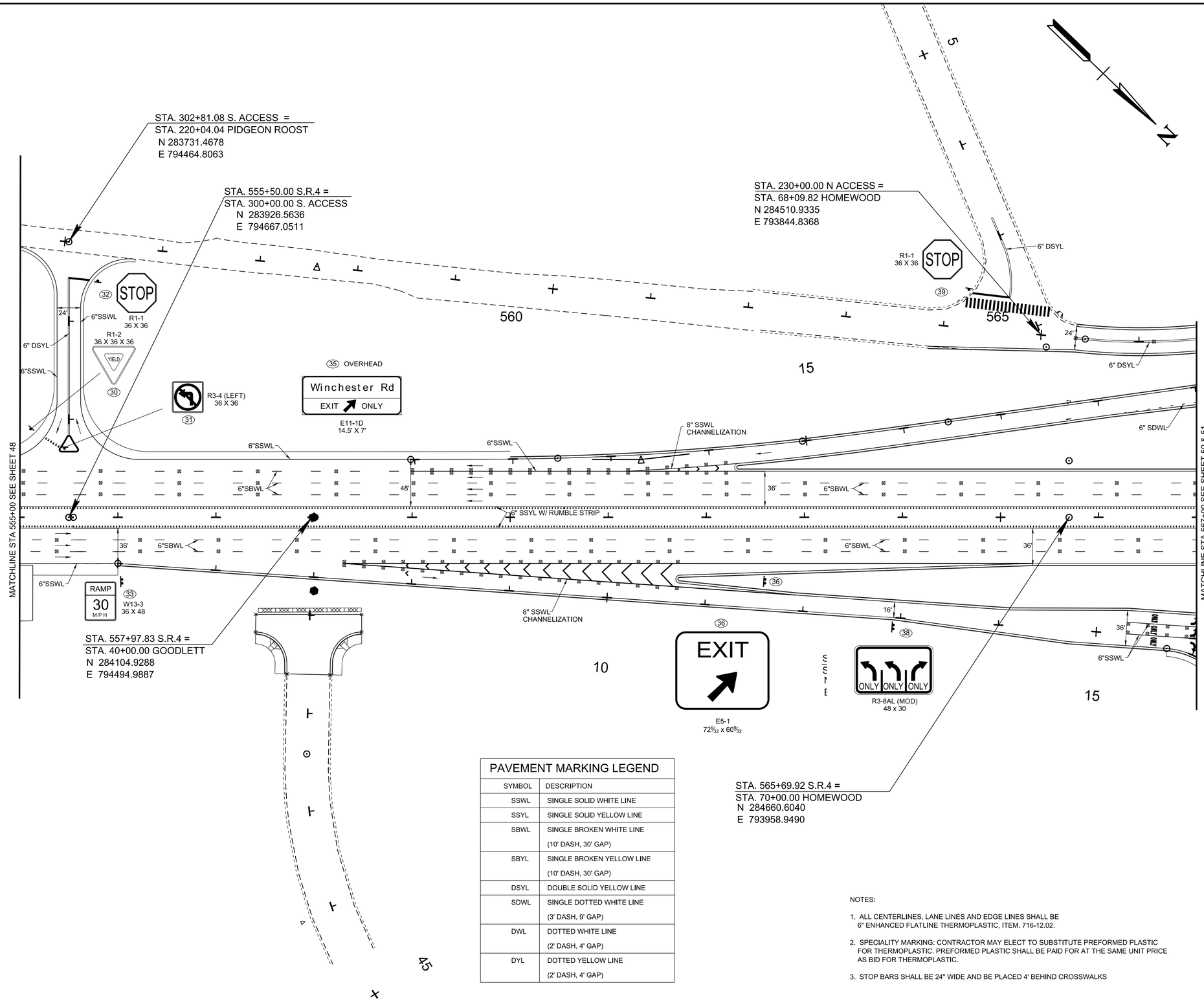
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42F
PIH	2026	STP/NH-4(6)	49

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA.555+00 TO STA.567+00
SCALE: 1"=50'

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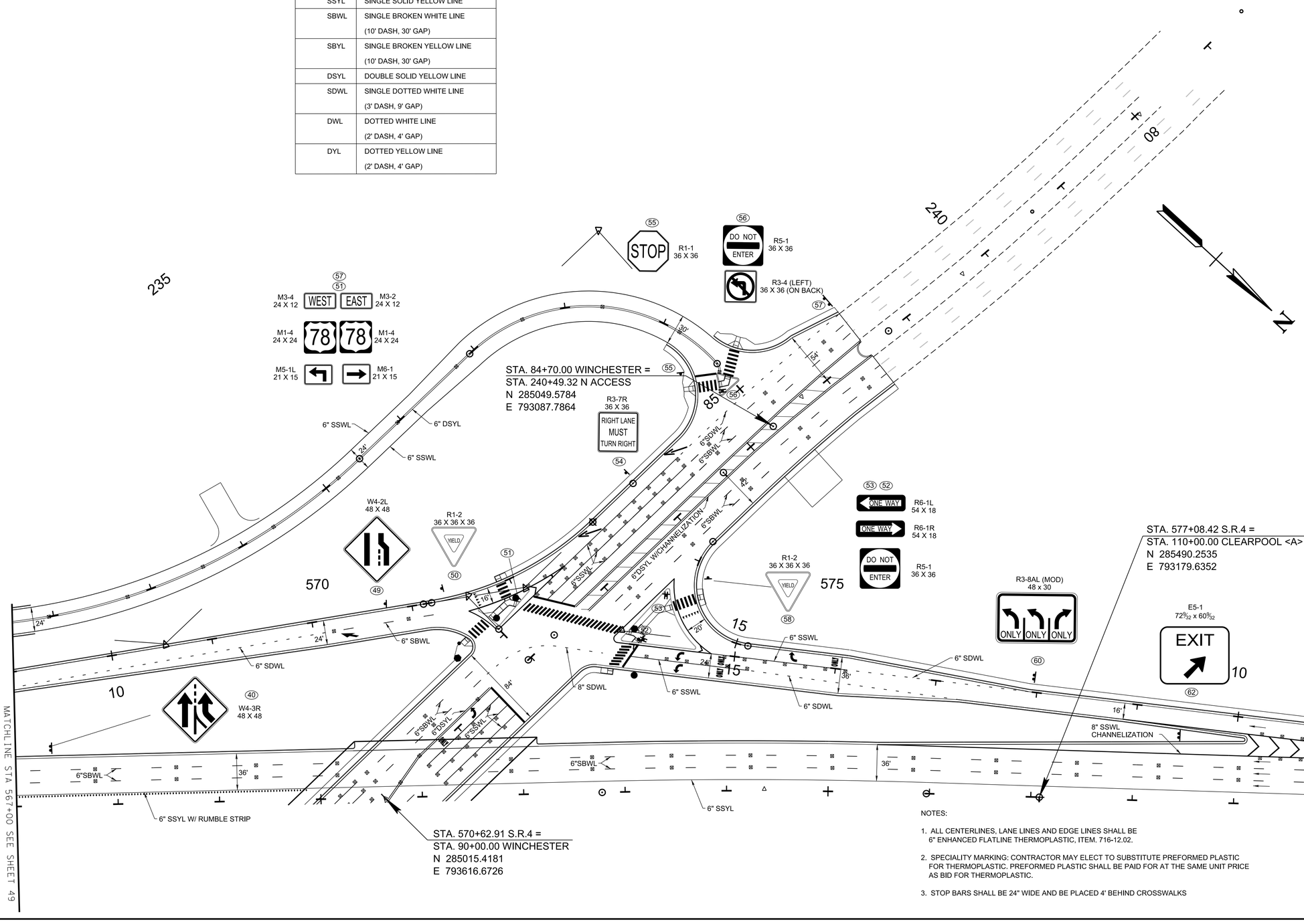
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42G
PIH	2026	STP/NH-4(6)	50

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA.567+00 TO STA.580+00
SCALE: 1"=50'

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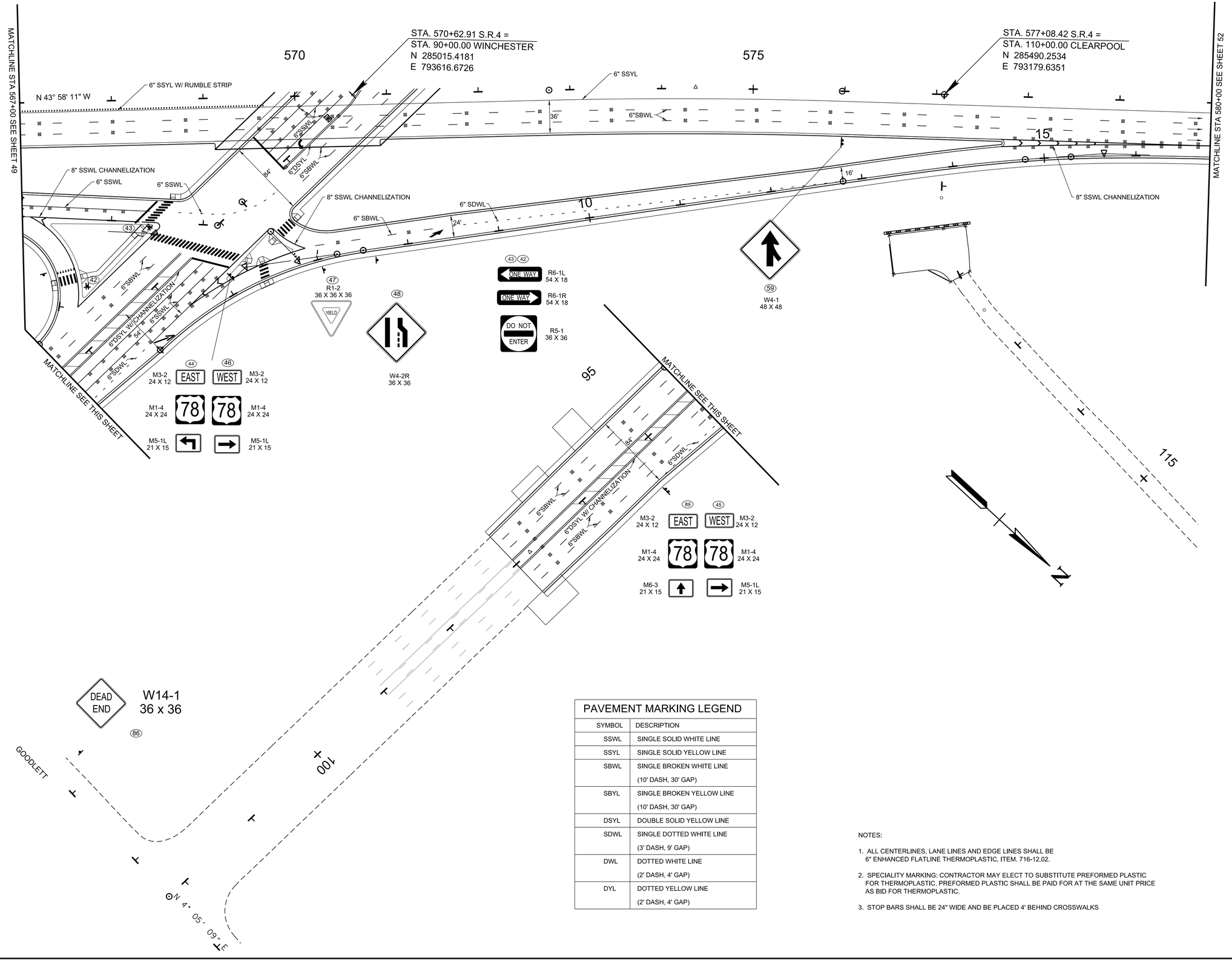
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42H
PIH	2026	STP/NH-4(6)	51

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA.567+00 TO STA.580+00
SCALE: 1"=50'

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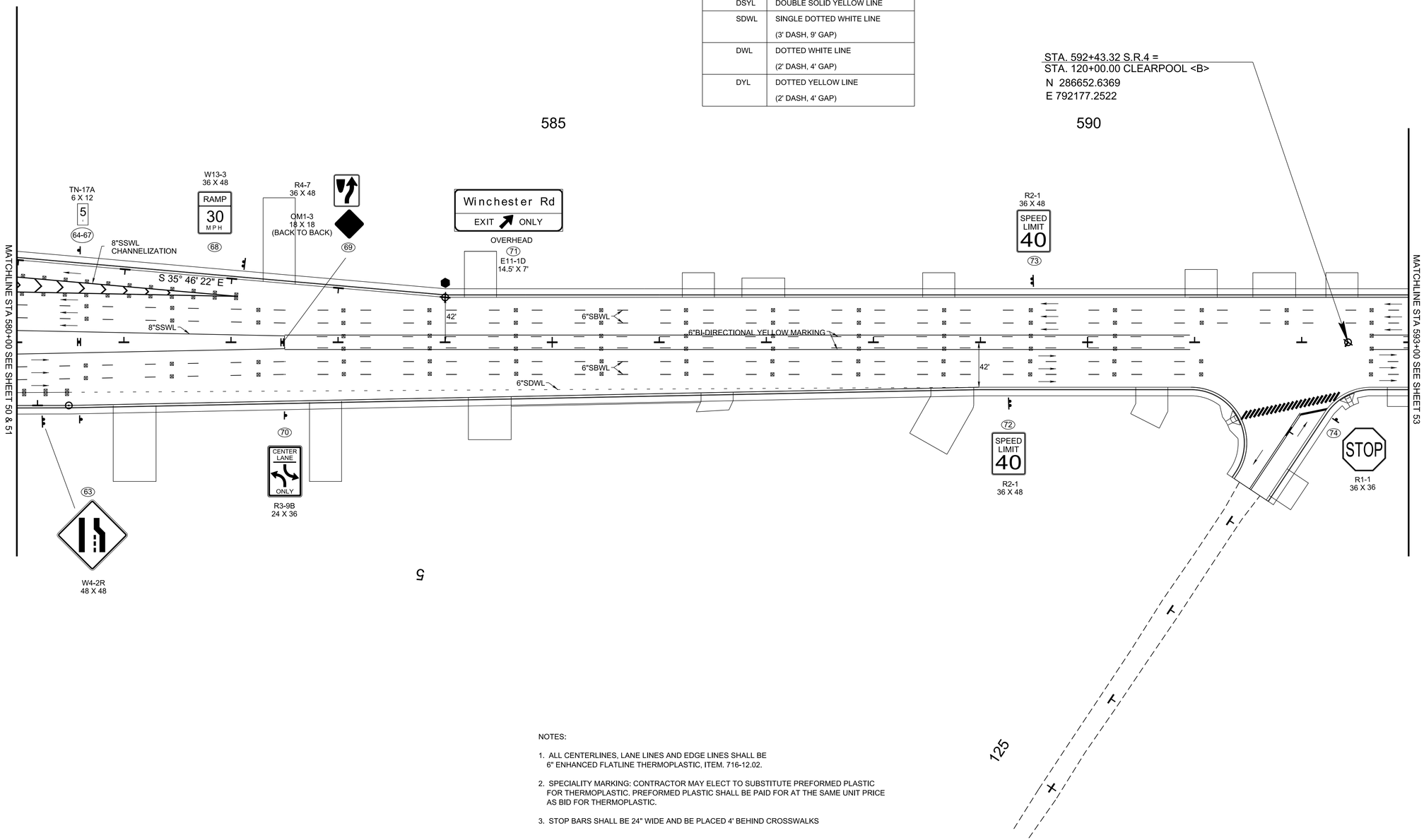
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42J
PIH	2026	STP/NH-4(6)	52

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)



NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA.580+00 TO STA.593+00

SCALE: 1"=50'

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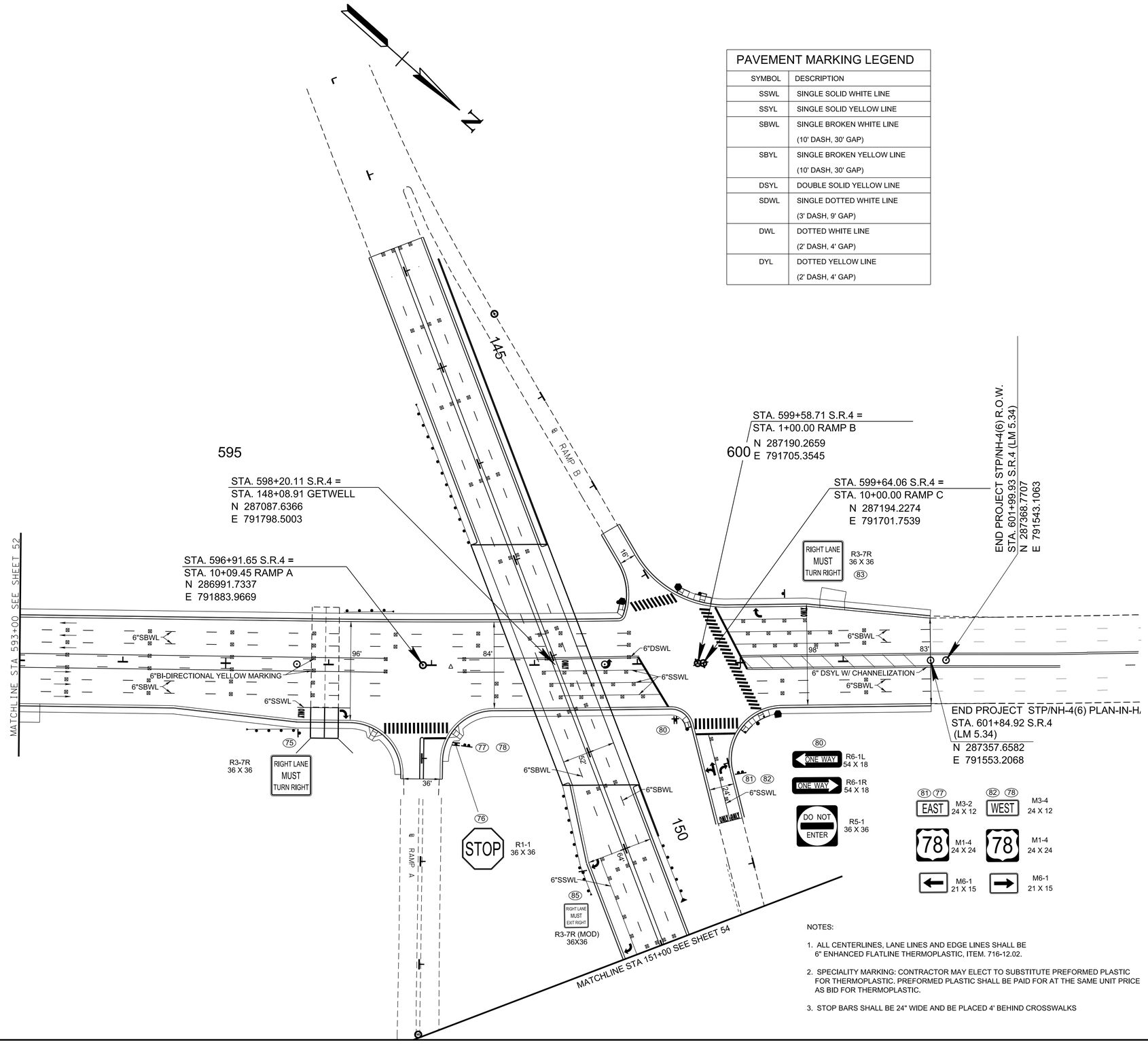
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42K
PIH	2026	STP/NH-4(6)	53

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PAVEMENT MARKING LEGEND

SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.
2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN STA.593+00 TO END

SCALE: 1"=50'

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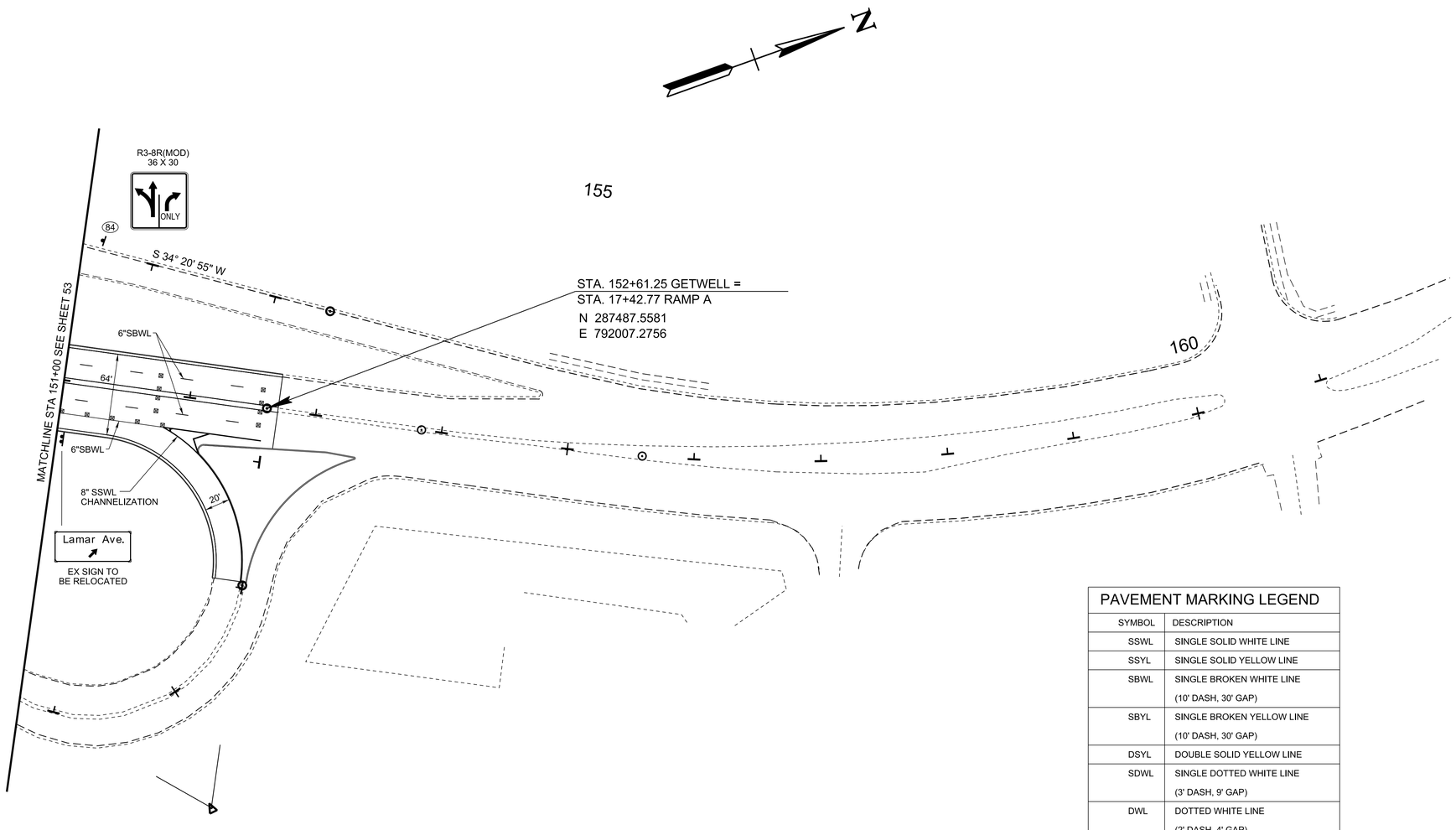
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42L
PIH	2026	STP/NH-4(6)	54

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PAVEMENT MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE (10' DASH, 30' GAP)
SBYL	SINGLE BROKEN YELLOW LINE (10' DASH, 30' GAP)
DSYL	DOUBLE SOLID YELLOW LINE
SDWL	SINGLE DOTTED WHITE LINE (3' DASH, 9' GAP)
DWL	DOTTED WHITE LINE (2' DASH, 4' GAP)
DYL	DOTTED YELLOW LINE (2' DASH, 4' GAP)

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

NOTES:

1. ALL CENTERLINES, LANE LINES AND EDGE LINES SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC, ITEM. 716-12.02.

2. SPECIALITY MARKING: CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.

3. STOP BARS SHALL BE 24" WIDE AND BE PLACED 4' BEHIND CROSSWALKS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA.151+00 TO LIMIT OF CONST

SCALE: 1"=50'

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

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	 W3-3	43	48	48									BLACK	YELLOW (REF)	0.100" SHEET ALUMINUM	S3X5.7	H1= 15'-06" H2 = 15'-09"	TYPE 5 D = 1.25'	0.36	98	7'	
11		44																				
2	 R3-8AR(MOD)	43	48	30									BLACK	WHITE (REF)	0.100" SHEET ALUMINUM	P3	H1= 15'-06" H2 = 15'-09"				7'	
3	 W4-2R	43	48	48									BLACK	YELLOW (REF)	0.100" SHEET ALUMINUM	S3X5.7	H1= 15'-06" H2 = 15'-09"	TYPE 5 D = 1.25'	0.36	98	7'	
20		47																				
23		48																				
48		51																				
63		52																				
49		50																				
4	 R1-2	44	48	48									RED (REF)	RED (REF) WHITE (REF)	0.100" SHEET ALUMINUM	P3	H1= 15'-06" H2 = 15'-09"				7'	
30		49																				
47		51																				
50		50																				
58		50																				
5	 R6-1L	45	54	18									BLACK	WHITE (REF) BLACK WHITE (REF) RED (REF)	0.100" SHEET ALUMINUM	P5	14'-09"	TYPE 5 D = 1'	0.12	25	7'	TO BE INSTALLED WITH MULTI DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A
8		44																				
42	 R6-1R	51	54	18																		
43		51																				
52	 R5-1	50	36	36																		
53		50																				
80		53																				
54	 R3-7R	50	36	36									BLACK	WHITE (REF)	0.100" SHEET ALUMINUM	P5	16'-06"	TYPE 5 D = 1'	0.12	25	7'	TO BE INSTALLED WITH MULTI DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A
75		53																				
83		53																				
7	 W4-3R	44	36	36									BLACK	YELLOW (REF)	0.100" SHEET ALUMINUM	S3X5.7	H1= 15'-06" H2 = 15'-09"	TYPE 5 D = 1.25'	0.36	98	7'	
40		50																				
9	EAST M3-2  M1-4	45	24	12									BLACK	WHITE (REF) BLACK (REF) WHITE (REF)	0.080" SHEET ALUMINUM	3' / @ 4.83 LB/FT	19'-00"	TYPE 4 D = 1'	0.12	25	7'	TO BE INSTALLED WITH BREAKAWAY SUPPORT, T-S-12.
44	 M5-1L	51	24 21	24 15										WHITE (REF)								
10	WEST M3-4	45	24	12									BLACK	WHITE (REF) BLACK (REF) WHITE (REF)	0.080" SHEET ALUMINUM	3' / @ 4.83 LB/FT	19'-00"	TYPE 4 D = 1'	0.12	25	7'	TO BE INSTALLED WITH BREAKAWAY SUPPORT, T-S-12.
45		51																				
46	 M1-4	51	24	24																		
78		53																				
82	 M6-1	53	21	15										WHITE (REF)								
12	 E5-1	46	72	60									WHITE (REF)	GREEN (REF)	5-12" ALUMINUM EXTRUSIONS	S4 X 7.7	H1= 15'-06" H2 = 16'-00"	TYPE 5 D = 1.25'	0.36	98	7'	
36		49																				
62		50																				
13	 W4-1	46	48	48									BLACK	YELLOW (REF)	0.100" SHEET ALUMINUM	S3X5.7	H1= 15'-06" H2 = 15'-09"	TYPE 5 D = 1.25'	0.36	98	7'	
59		51																				
14																						
15	4' TN-17A	46	6	12									WHITE (REF)	GREEN (REF)	0.080" SHEET ALUMINUM						4'	PAYMENT FOR MILEPOST IN PLACE WILL BE MADE UNDER ITEM NUMBER 713-02.04, DELINEATOR (MILE MARKER) AND STEEL POST PER EACH.
16																						
17																						

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42M
PIH	2026	STP/NH-4(6)	55

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

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

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.		
(18)	Raines Rd Perkins Rd EXIT ONLY	E4-2 (MOD) E11-1D	46	14' 14'	6' 3'	9" 9"	2" 2"	16" 12"	12"		"E" MOD "E" MOD		TYPE "G" @ 45°	WHITE (REF) BLACK	GREEN (REF) YELLOW (REF)	6-12" ALUMINUM EXTRUSIONS 3-12" ALUMINUM EXTRUSIONS						19.5'	MOUNT SIGN ON OVER HEAD STRUCTURE OH-1
(19) (33) (68)	RAMP 30 MPH	W13-3	46 49 52	36	48									BLACK	YELLOW (REF)	0.100" SHEET ALUMINUM	P8	H1= 15'-09" H2 = 16'-00"				7'	
(21) (22) (26) (27)	SPEED LIMIT 55	R2-1	47 47 48 48	36	48									BLACK	WHITE (REF)	0.100" SHEET ALUMINUM	S3X5.7	H1= 15'-06" H2 = 15'-09"	TYPE 5 D = 1.25'	0.36	98	7'	
(24) (25)	SPEED LIMIT 40	W3-5	48	48	48									BLACK	YELLOW (REF)	0.100" SHEET ALUMINUM	S3X5.7	H1= 15'-06" H2 = 15'-09"	TYPE 5 D = 1.25'	0.36	98	7'	
(28) (29) (72) (73)	SPEED LIMIT 40	R2-1	48 48 52 52	36	48									BLACK	WHITE (REF)	0.100" SHEET ALUMINUM	S3X5.7	H1= 15'-06" H2 = 15'-09"	TYPE 5 D = 1.25'	0.36	98	7'	
(32) (39) (55) (74) (76)	STOP	R1-1	49 49 50 52 53	36	36									WHITE (REF)	RED (REF)	0.100" SHEET ALUMINUM	P3	13'-00"				7'	
(31)		R3-4 (LEFT)	49	36	36									BLACK (REF) RED (REF)	WHITE (REF)	0.100" SHEET ALUMINUM	P5	14'-09"	TYPE 5 D = 1'	0.12	25	7'	TO BE INSTALLED WITH MULTI DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A
(35) (71)	Winchester Rd EXIT ONLY	E11-1D E11-1D	49 52	18' 18'	4' 3'	9" 9"	2" 2"	16" 12"	12"		"E" MOD "E" MOD		TYPE "G" @ 45°	WHITE (REF) BLACK	GREEN (REF) YELLOW (REF)	4-12" ALUMINUM EXTRUSIONS 3-12" ALUMINUM EXTRUSIONS						19.5'	MOUNT SIGN ON OVER HEAD STRUCTURE OH-2 & CANTILEAVER-1
(86)	DEAD END	W14-1	51	36	36									BLACK	YELLOW (REF)	0.100" SHEET ALUMINUM	S3X5.7	H1= 15'-06" H2 = 15'-09"	TYPE 5 D = 1.25'	0.36	98	7'	
(38) (60)	ONLY ONLY ONLY	R3-8AL (MOD)	49 50	48	30									BLACK	WHITE (REF)	0.100" SHEET ALUMINUM	P3	H1= 15'-06" H2 = 15'-09"				7'	
(64) (65) (66) (67)	5	TN-17A	52	6	12									WHITE (REF)	GREEN (REF)	0.080" SHEET ALUMINUM						4'	PAYMENT FOR MILEPOST IN PLACE WILL BE MADE UNDER ITEM NUMBER 713-02.04, DELINEATOR (MILE MARKER) AND STEEL POST PER EACH.
(56)	DO NOT ENTER	R5-1 R3-4 (LEFT) (ON BACK)	50	36	36									BLACK (REF) RED (REF)	WHITE (REF)	0.100" SHEET ALUMINUM	P5	14'-09"	TYPE 5 D = 1'	0.12	25	7'	TO BE INSTALLED WITH MULTI DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42N
PIH	2026	STP/NH-4(6)	56

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

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

SIGN NO	LEGEND	SHEET NO	SIZE LENGTH	SIZE HEIGHT	COPY RADIUS	COPY BORDER WIDTH	COPY CAPITAL	COPY LOWER CASE	COPY NUMERAL	COPY SERIES	SHIELD	ARROW	SIGN FACE COPY	SIGN FACE BACKGROUND	SIGN FACE MATERIAL	STEEL DESIGN (BREAK-AWAY) SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.	MINIMUM VERTICAL CLEARANCE	REMARKS
57	WEST M3-4 / 78 M1-4 / M5-1L	50	24 24 21	12 24 15									BLACK	WHITE (REF) BLACK (REF) WHITE (REF) WHITE (REF)	0.080" SHEET ALUMINUM	3' / @ 4.83 LB/FT	19'-00"	TYPE 4 D = 1'	0.12	25	7'	TO BE INSTALLED WITH BREAKAWAY SUPPORT, T-S-12.
51	EAST M3-4 / 78 M1-4 / M6-1	50																				
70	CENTER LANE ONLY R3-9B	52	24	36																		
69	R4-7 / OM1-3 (BACK TO BACK)	52	36 18	48 18									WHITE (REF)	WHITE (REF) BLACK YELLOW (REF)	0.100" SHEET ALUMINUM	P3	14'-03"				7'	OM1-3 TO BE INSTALLED BACK TO BACK.
81	EAST M3-4 / 78 M1-4 / M6-1	53	24 24 21	12 24 15									BLACK	WHITE (REF) BLACK (REF) WHITE (REF) WHITE (REF)	0.080" SHEET ALUMINUM	3' / @ 4.83 LB/FT	19'-00"	TYPE 4 D = 1'	0.12	25	7'	TO BE INSTALLED WITH BREAKAWAY SUPPORT, T-S-12.
77																						
84	ONLY R3-8R(MOD)	54	36	30									BLACK	WHITE (REF)	0.100" SHEET ALUMINUM	P3	H1= 15'-06" H2 = 15'-09"				7'	
61	RIGHT LANE MUST EXIT RIGHT R3-7R (MOD)	44	36	36									BLACK	WHITE (REF)	0.100" SHEET ALUMINUM	P5	16'-06"	TYPE 5 D = 1'	0.12	25	7'	TO BE INSTALLED WITH MULTI DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT, T-S-23A
85		53																				
6	78 EAST Lamar Ave M3-4	44	18'	7'	12"	2"	12" 16"	12"		"E" MOD "E" MOD			WHITE (REF)	GREEN (REF)	4-12" ALUMINUM EXTRUSIONS						19.5'	MOUNT SIGN ON OVER HEAD STRUCTURE XXXXX
87	78 WEST Lamar Ave M3-4	45	18'	7'	12"	2"	12" 16"	12"		"E" MOD "E" MOD			WHITE (REF)	GREEN (REF)	4-12" ALUMINUM EXTRUSIONS						19.5'	MOUNT SIGN ON OVER HEAD STRUCTURE XXXXX
88	EAST M3-2 24 X 12 / 78 M1-4 24 X 24 / M6-3 21 X 15	45	24 24 21	12 24 15									BLACK	WHITE (REF) BLACK (REF) WHITE (REF) WHITE (REF)	0.080" SHEET ALUMINUM	3' / @ 4.83 LB/FT	19'-00"	TYPE 4 D = 1'	0.12	25	7'	TO BE INSTALLED WITH BREAKAWAY SUPPORT, T-S-12.
89		51																				

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	42P
PIH	2026	STP/NH-4(6)	57

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	58

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.		

RESERVE STREET NAME SIGNS FROM SIGNALS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

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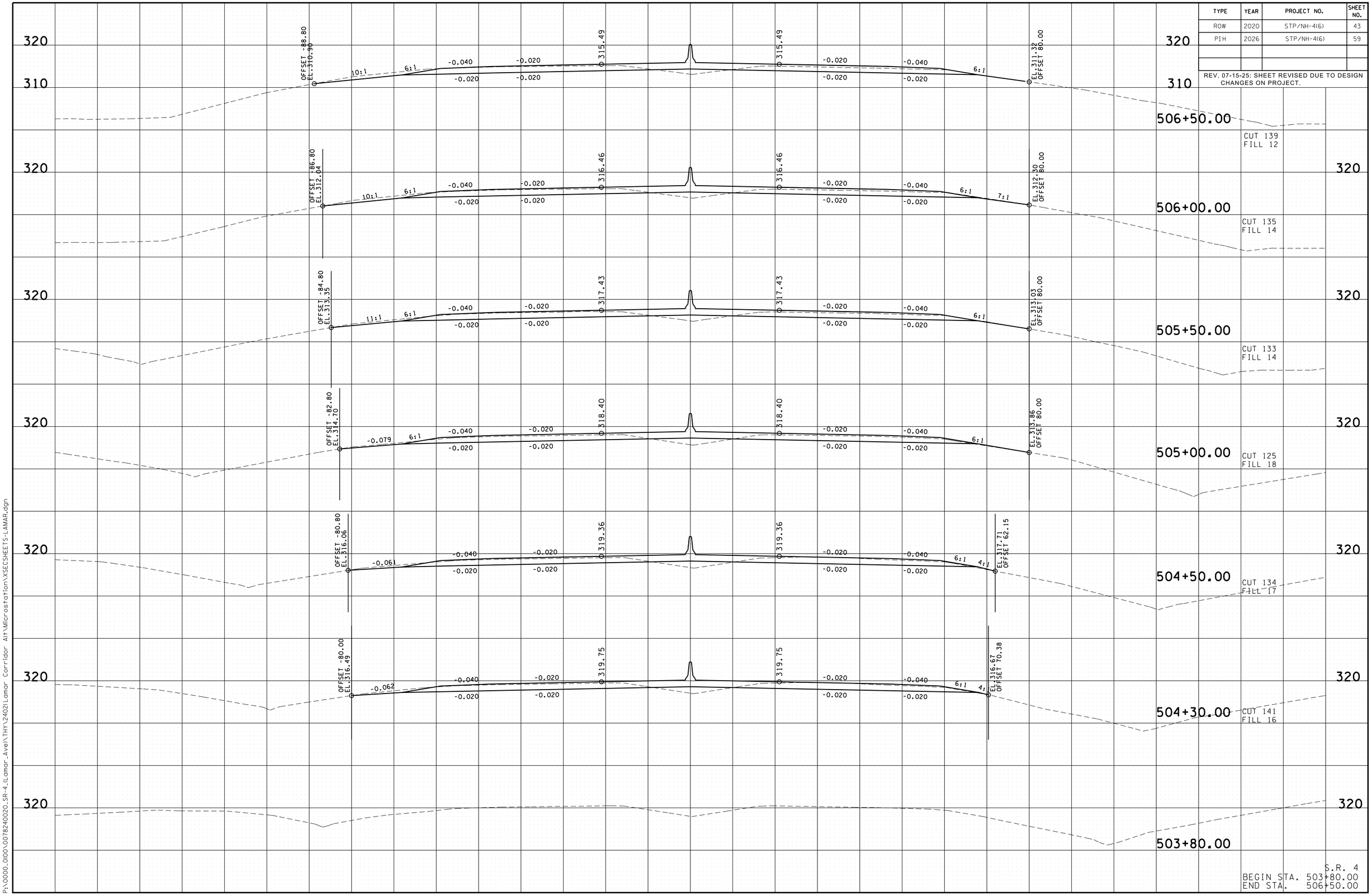
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	43
PIH	2026	STP/NH-4(6)	59

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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BEGIN STA. 503+80.00
END STA. 506+50.00

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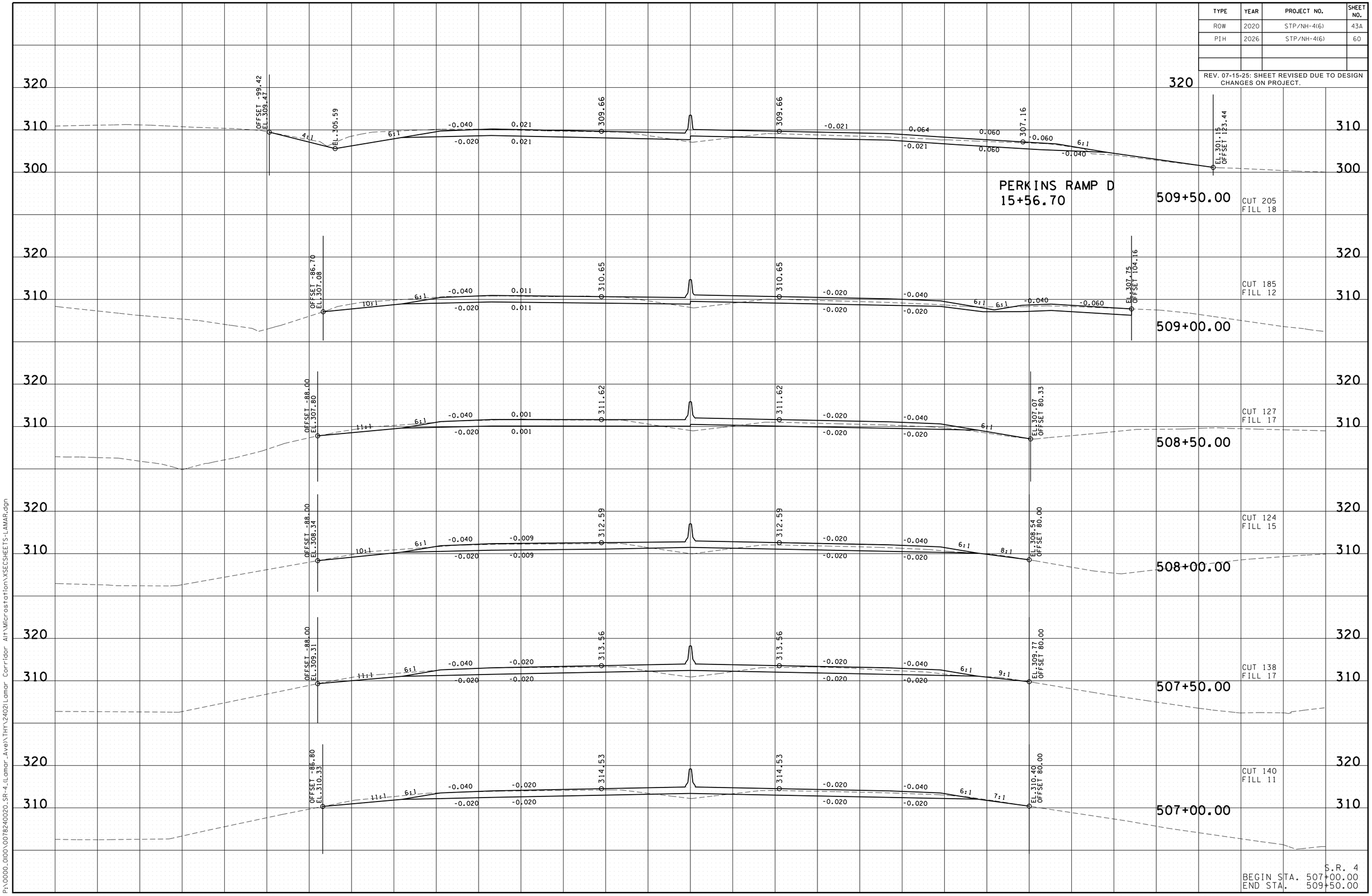
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	43A
PIH	2026	STP/NH-4(6)	60

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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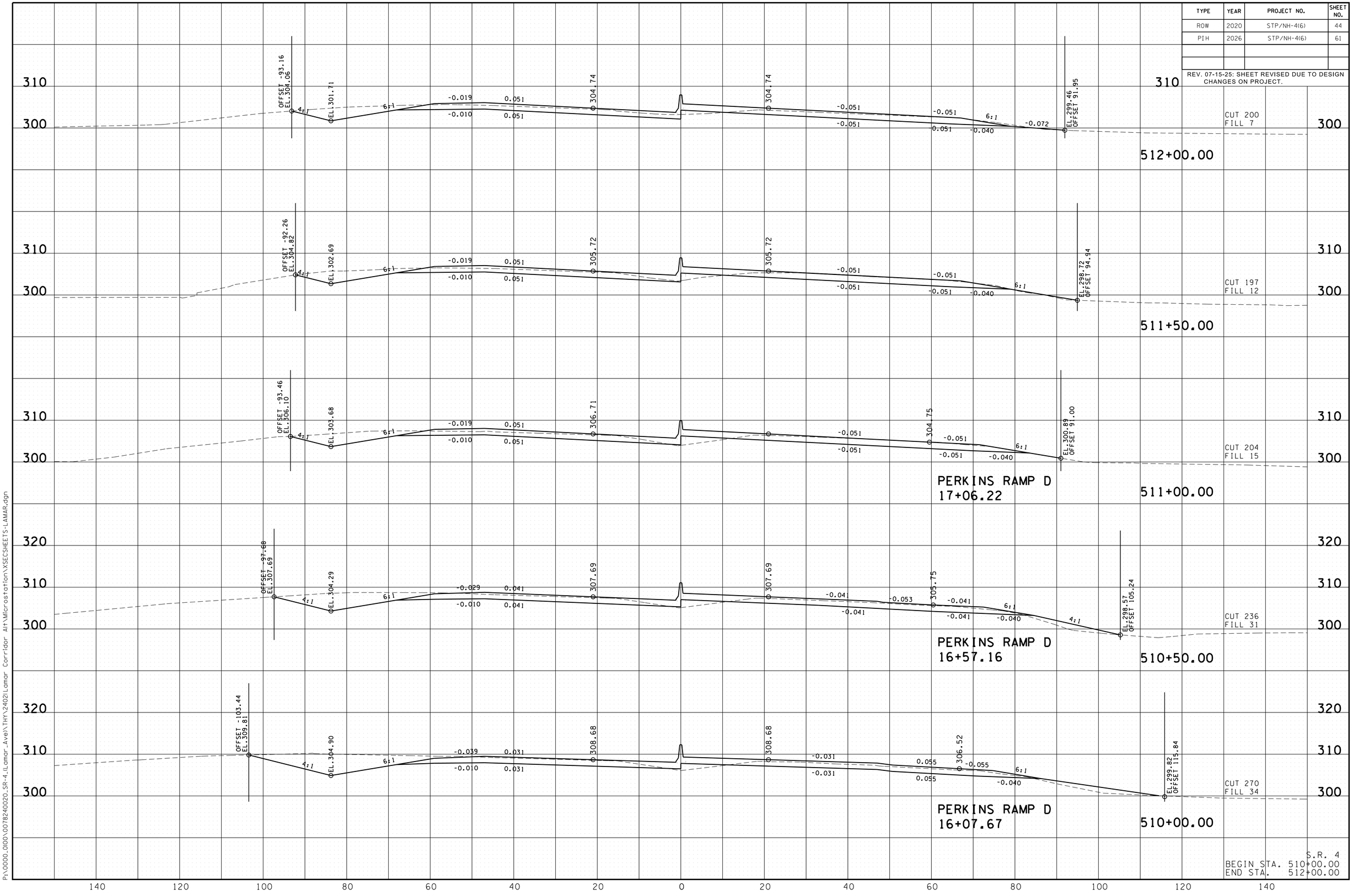
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	44
PIH	2026	STP/NH-4(6)	61

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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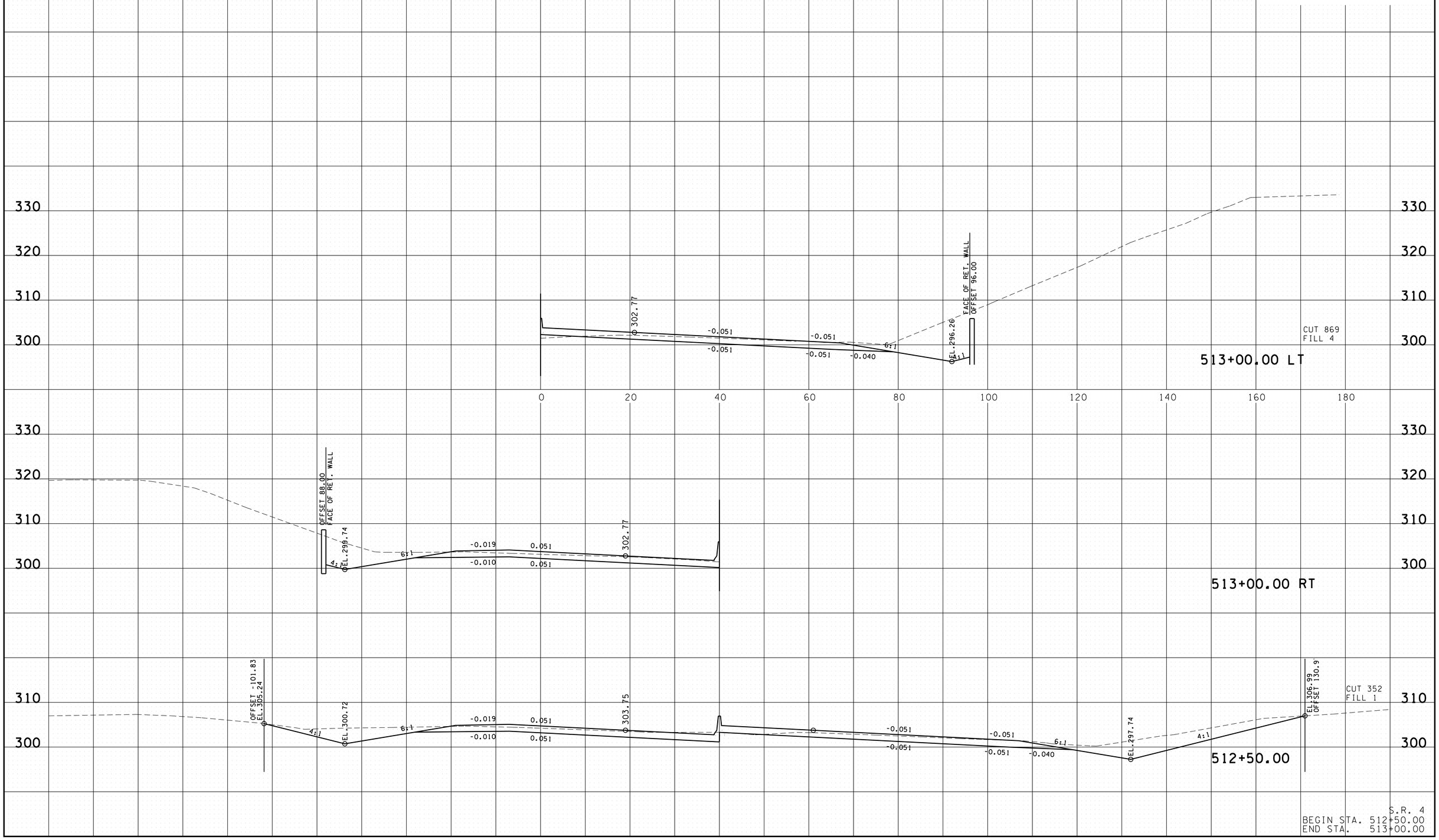
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	45
PIH	2026	STP/NH-4(6)	62

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED WALL TO STA. 513+00.



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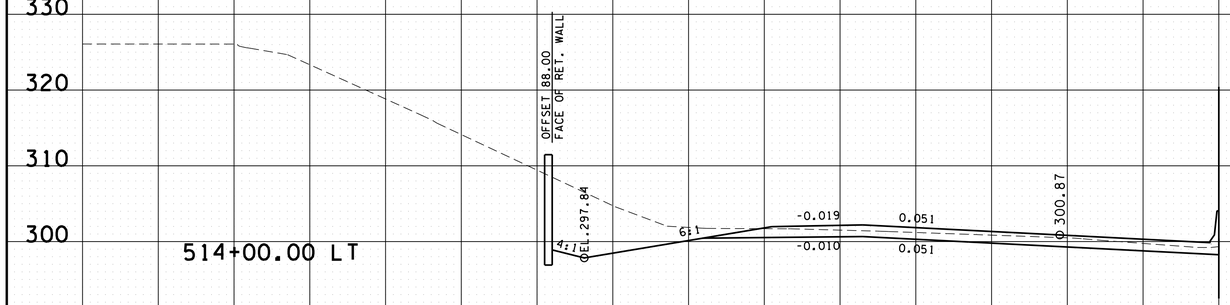
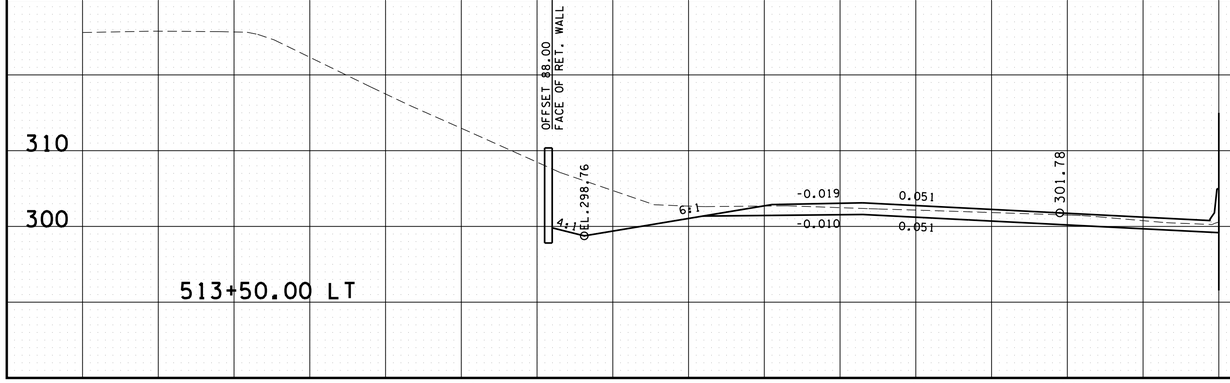
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	46
PIH	2026	STP/NH-4(6)	63

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

REV. 02-25-26: ADDED WALL TO STA. 513+50 TO STA. 514+00.





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END STA. 514+00.00

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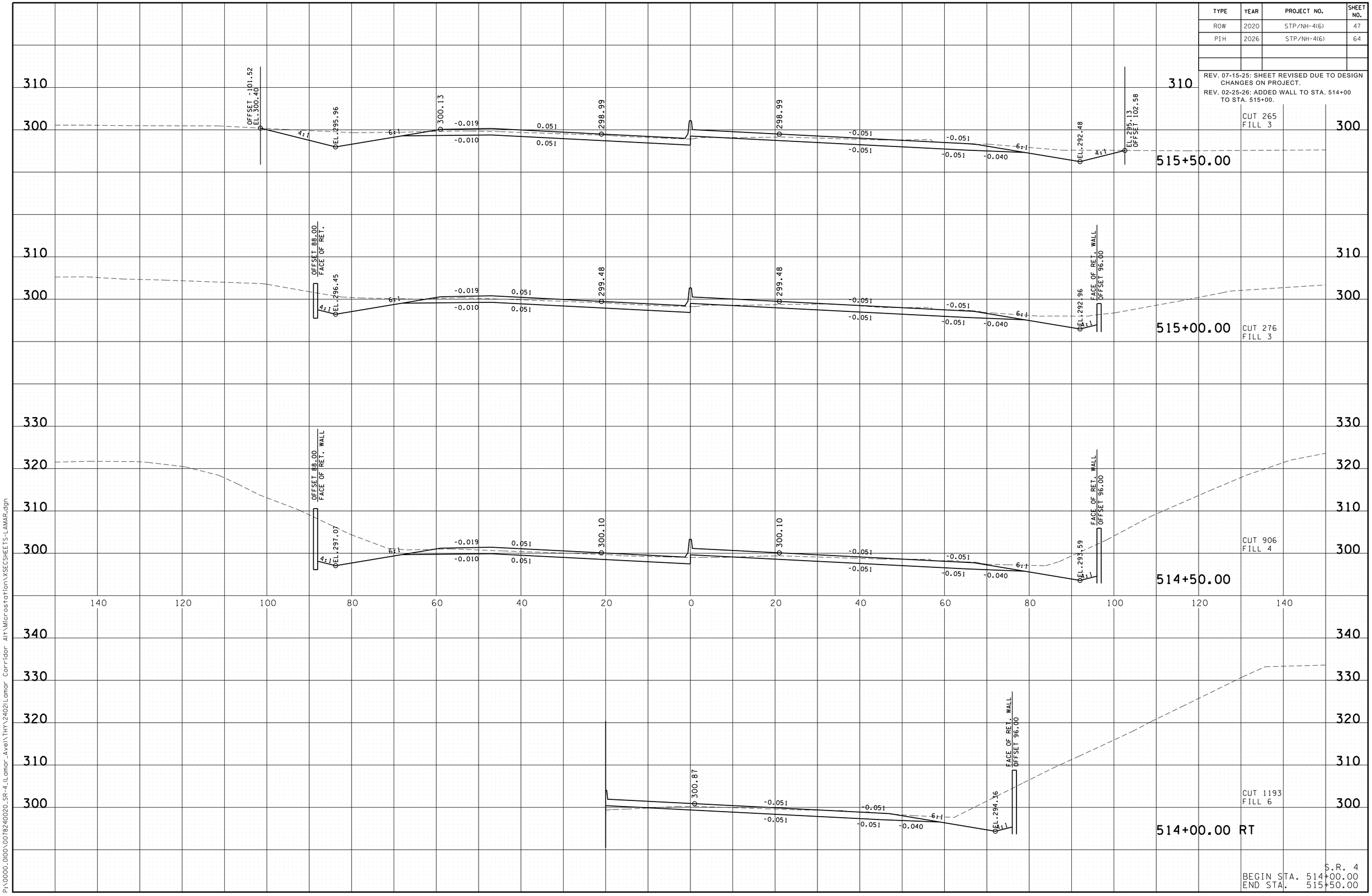
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	47
PIH	2026	STP/NH-4(6)	64

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED WALL TO STA. 514+00 TO STA. 515+50.



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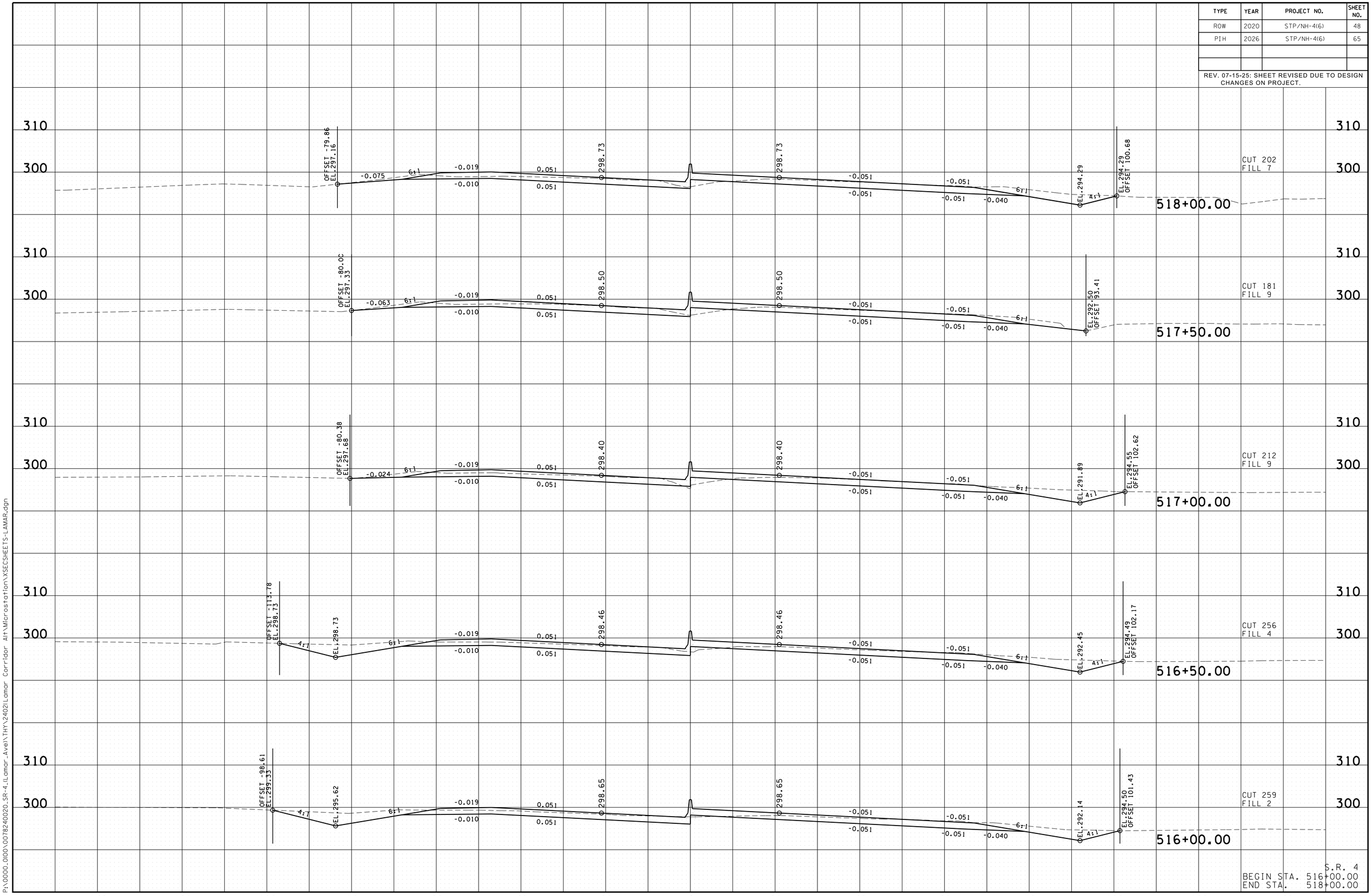
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	48
PIH	2026	STP/NH-4(6)	65

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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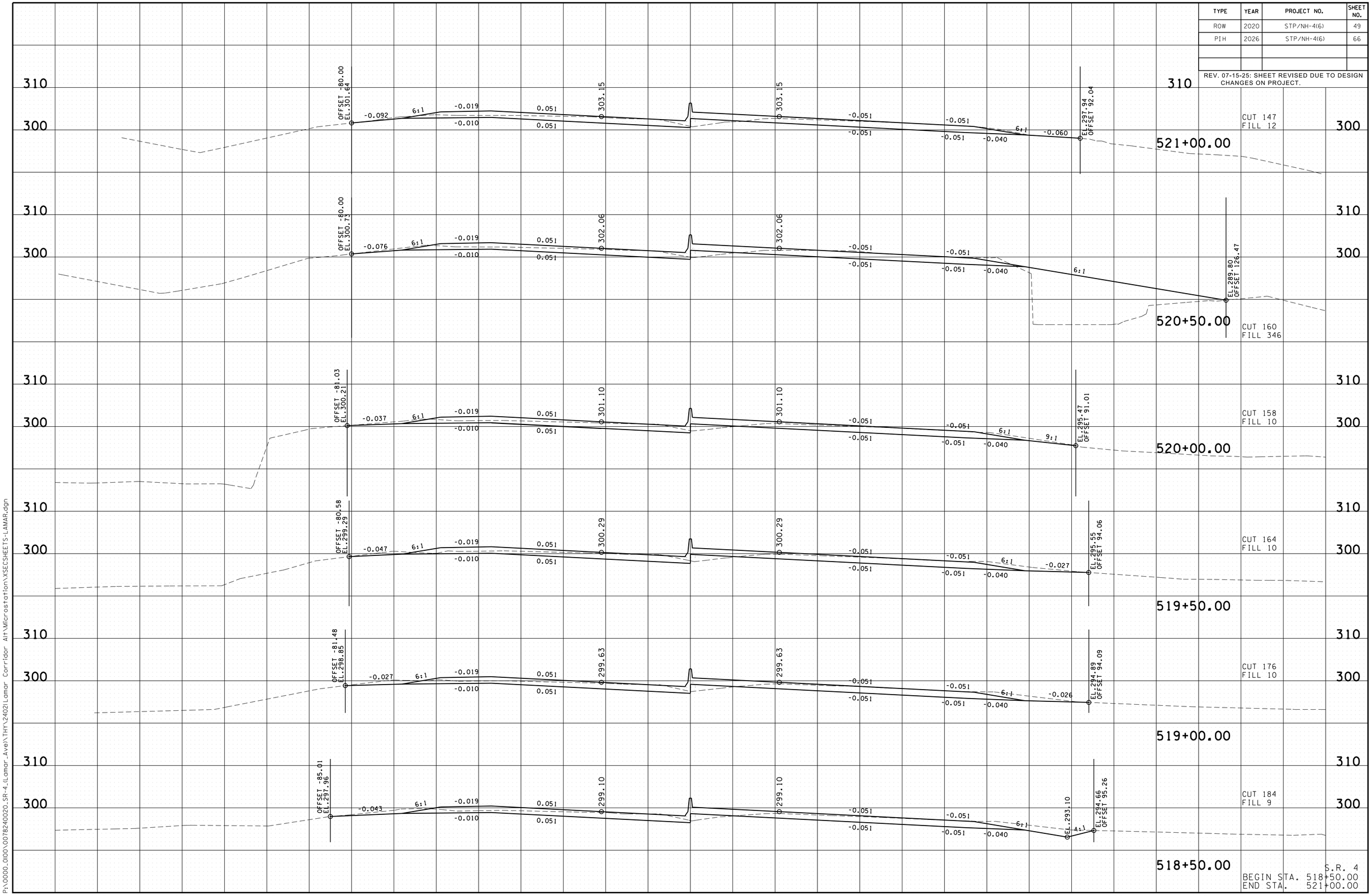
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	49
PIH	2026	STP/NH-4(6)	66

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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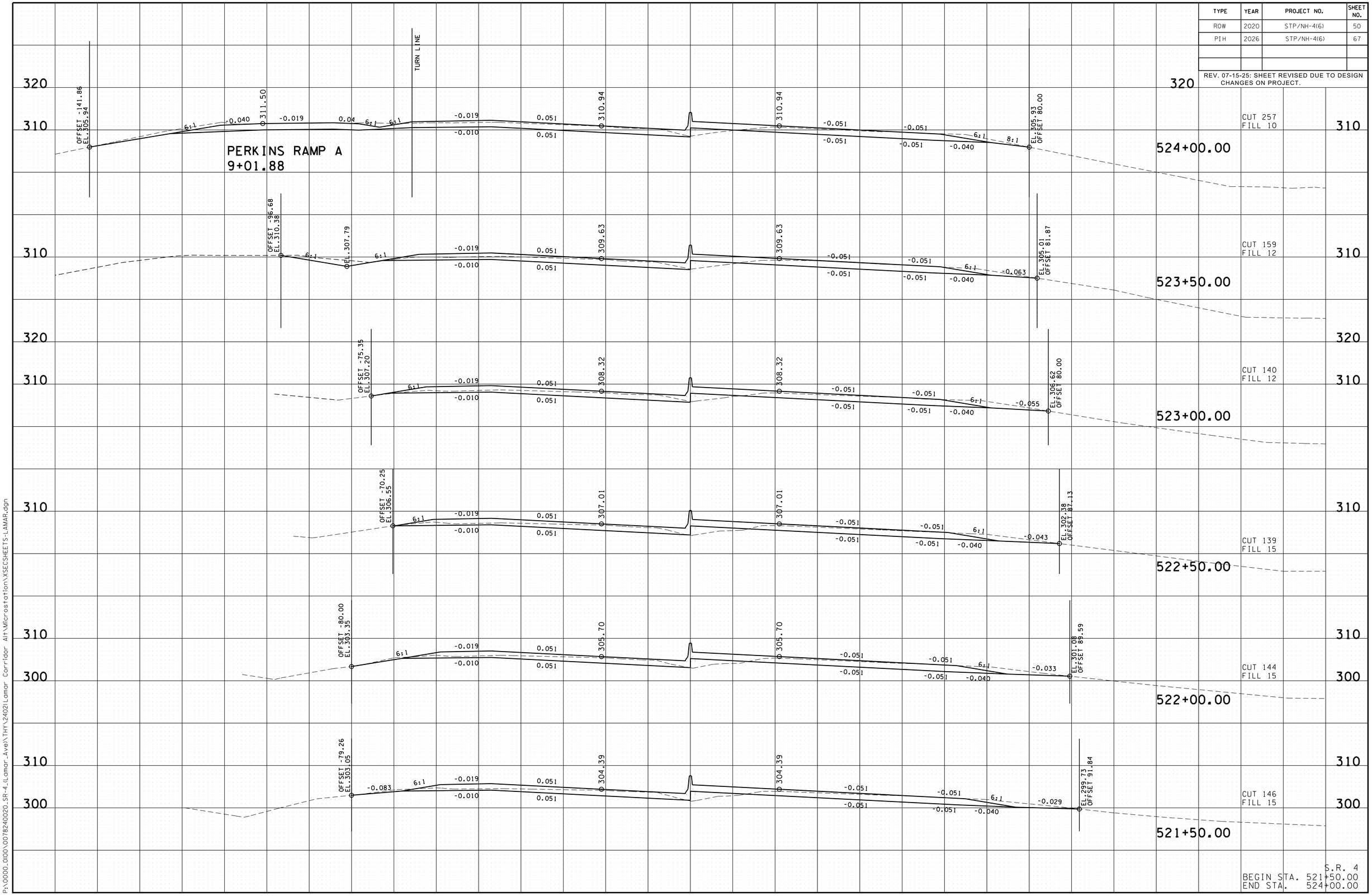
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	50
PIH	2026	STP/NH-4(6)	67

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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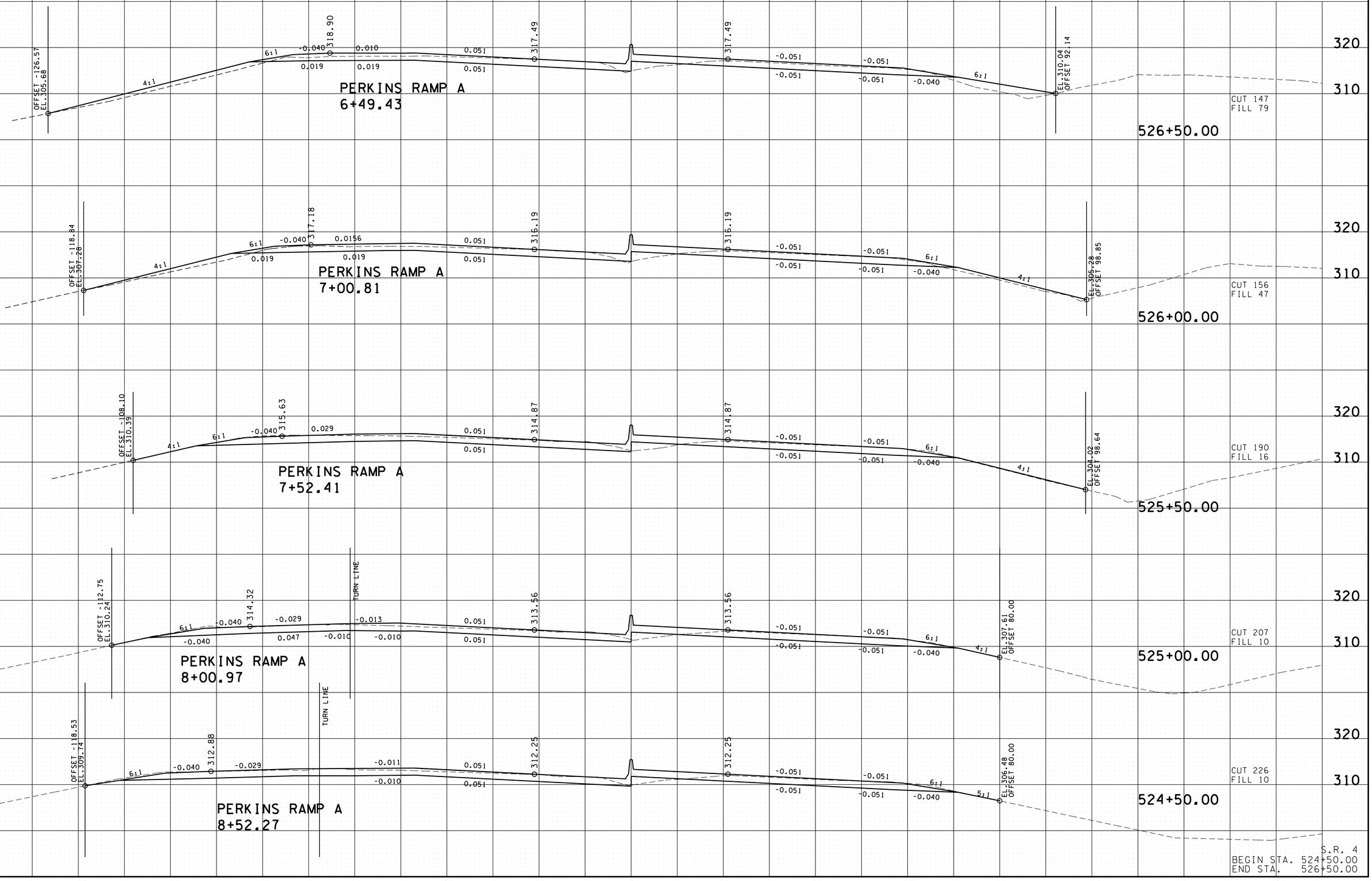
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	51
PIH	2026	STP/NH-4(6)	68

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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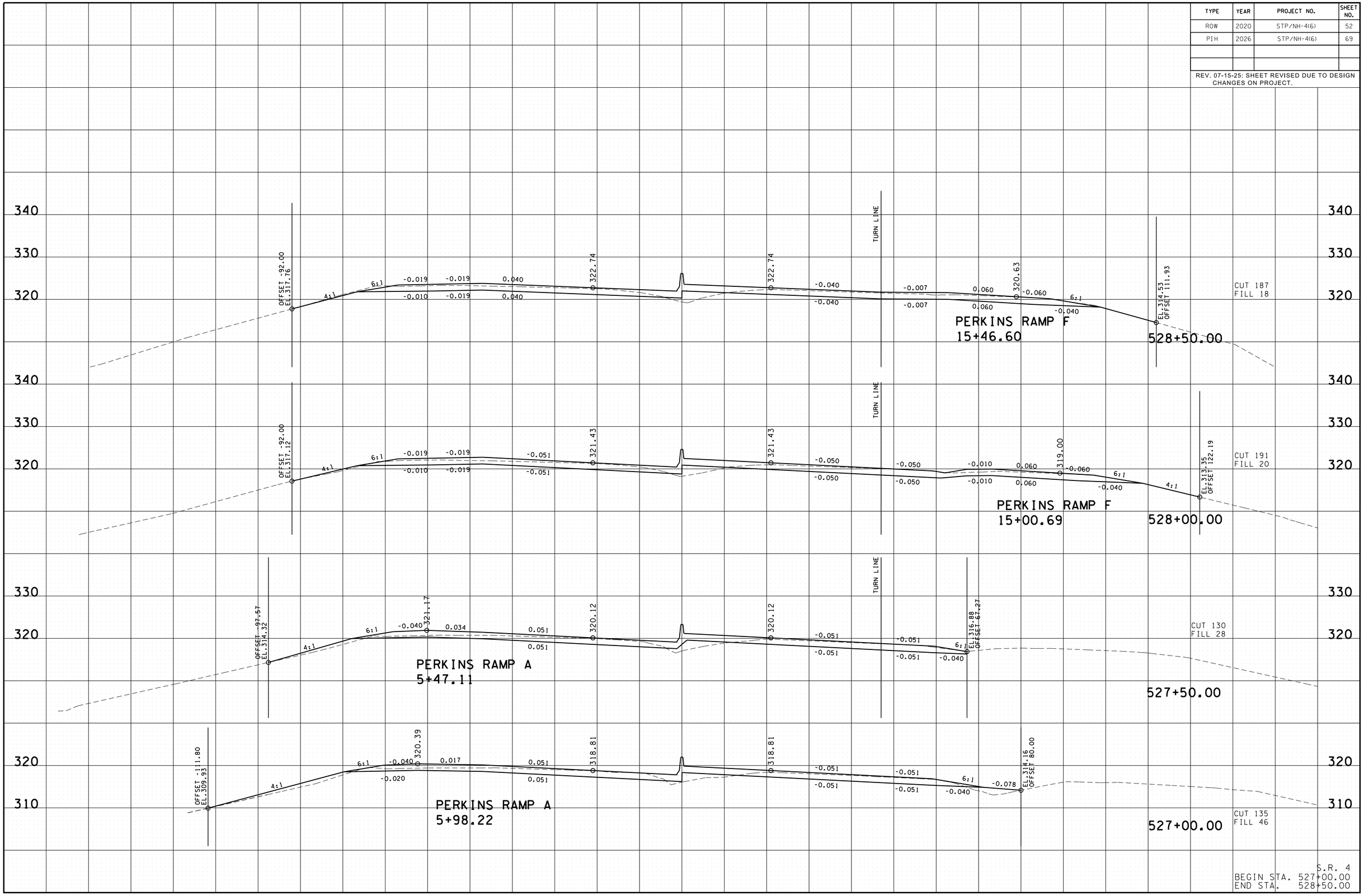
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	52
PIH	2026	STP/NH-4(6)	69

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 527+00.00
END STA. 528+50.00

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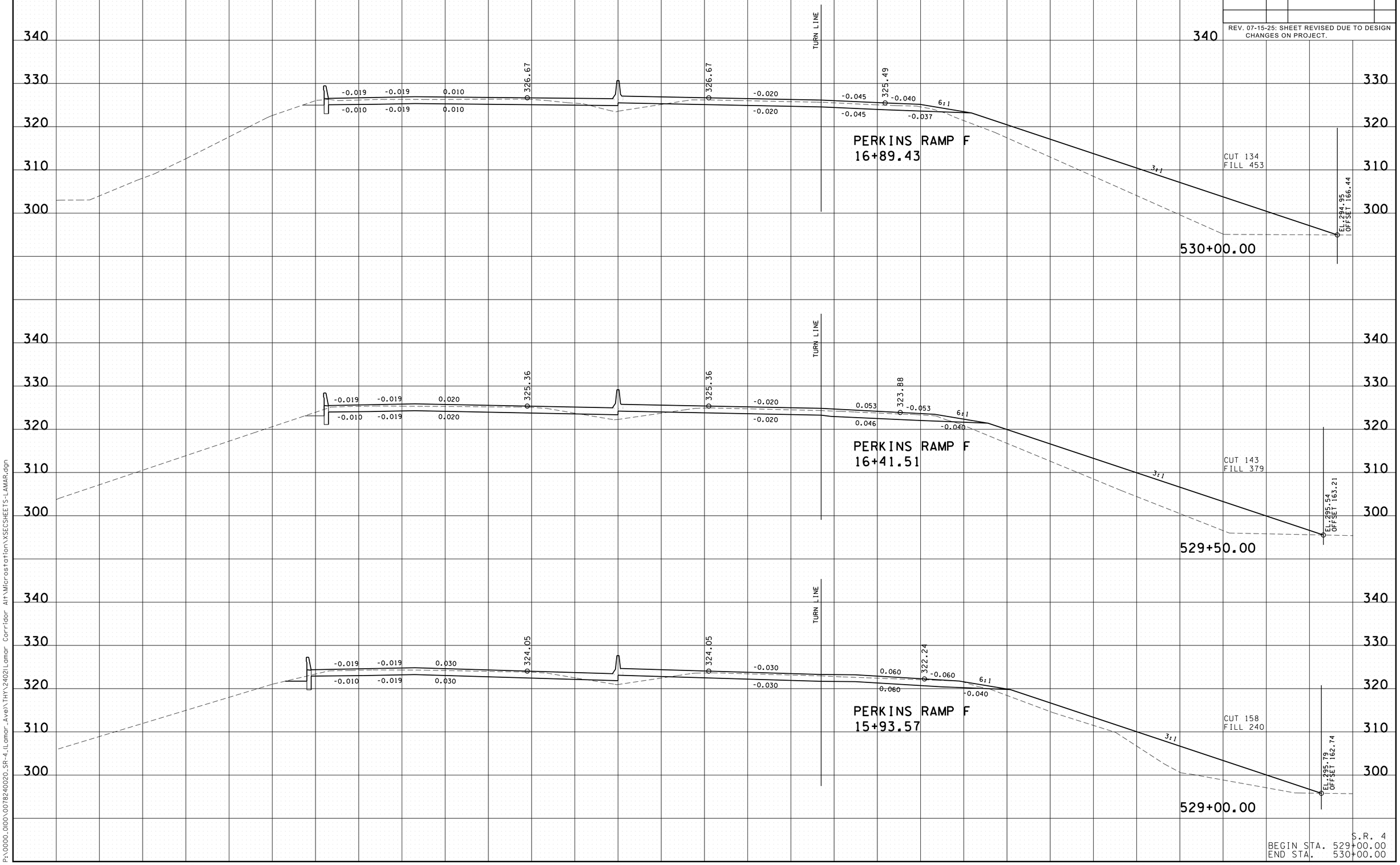
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	53
PIH	2026	STP/NH-4(6)	70

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
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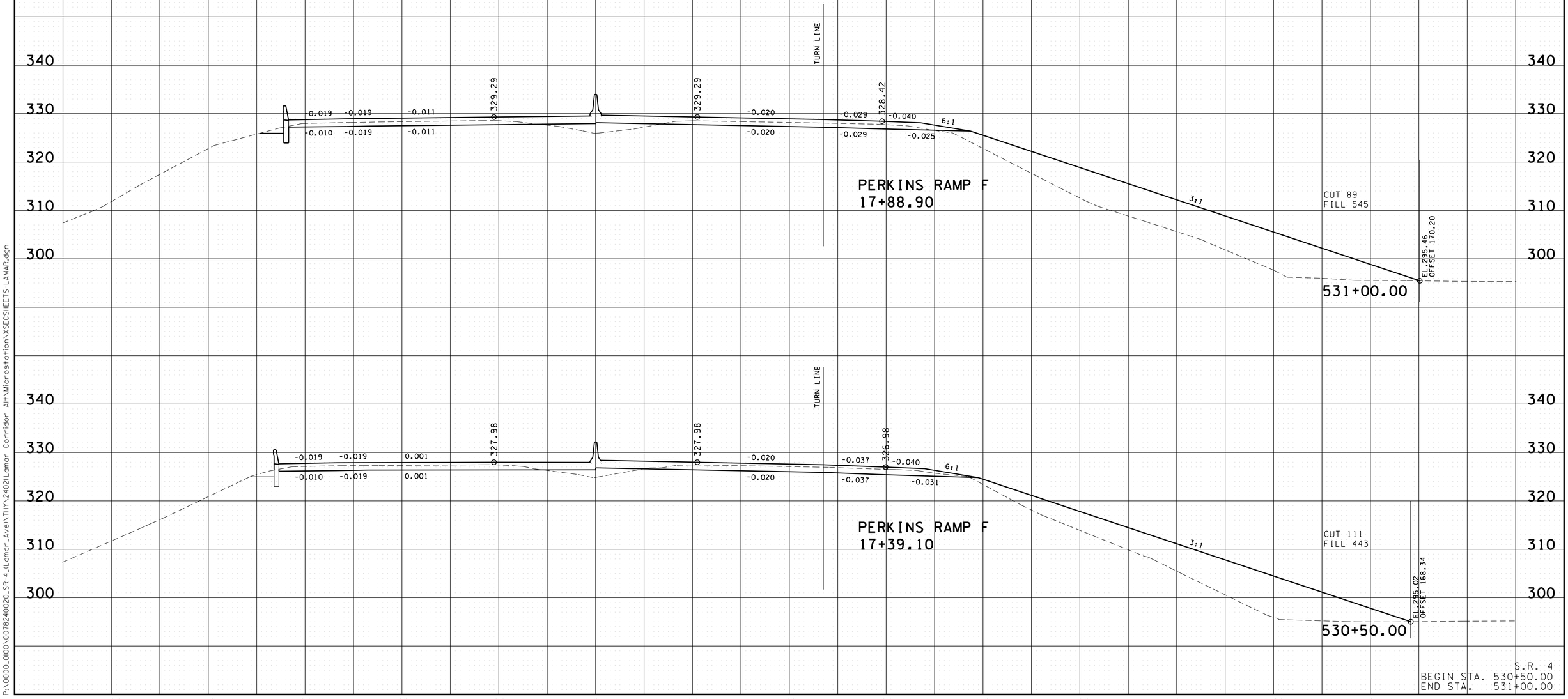
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	54
PIH	2026	STP/NH-4(6)	71

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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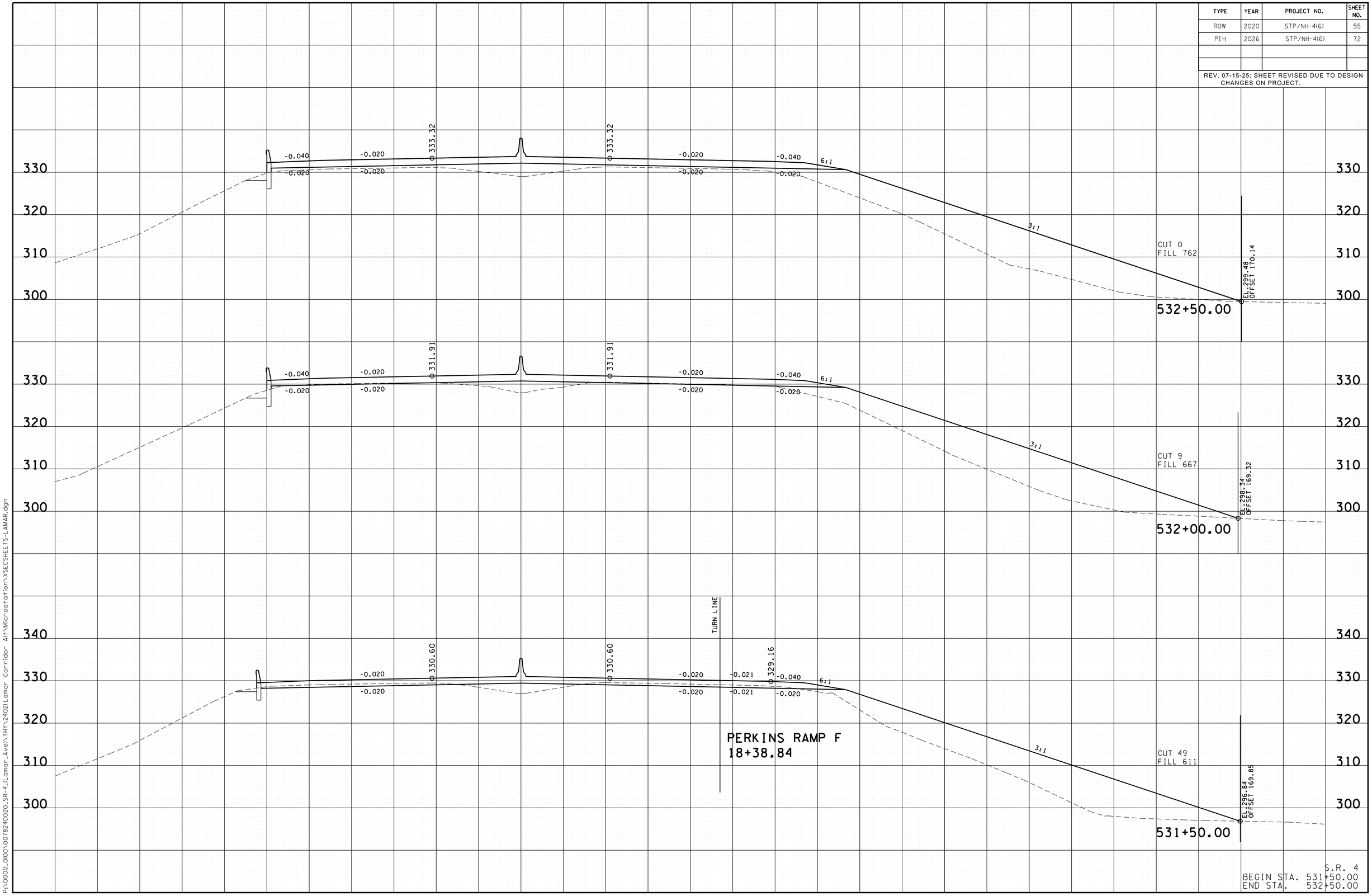
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	55
PIH	2026	STP/NH-4(6)	72

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
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3/10/2026 1:08:50 PM
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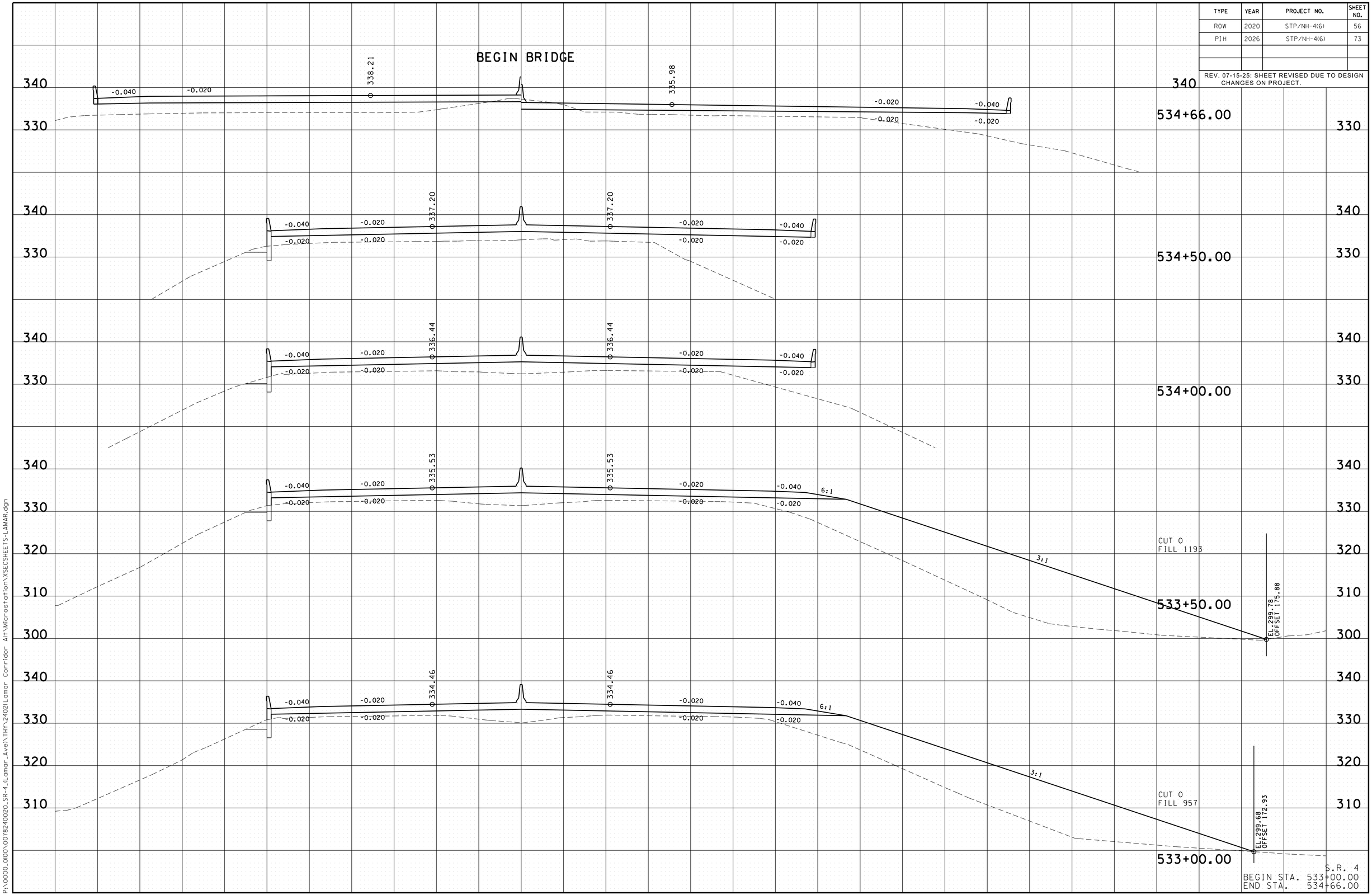
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	56
PIH	2026	STP/NH-4(6)	73

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 533+00.00
END STA. 534+66.00

3/10/2026 1:08:51 PM
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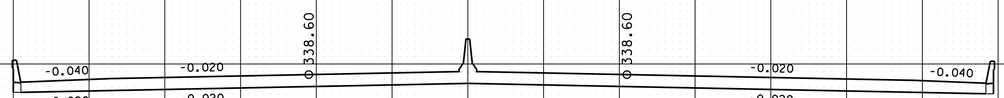
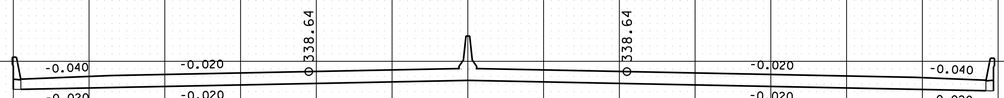
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	57
PIH	2026	STP/NH-4(6)	74

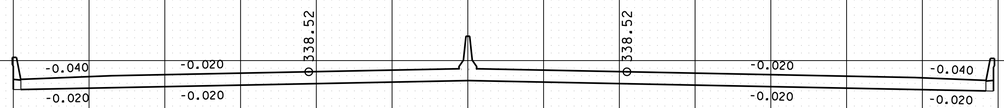
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



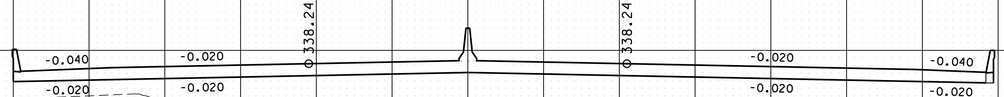
537+00.00



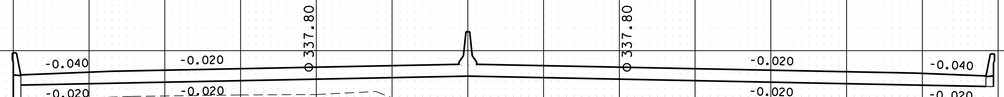
536+50.00



536+00.00



535+50.00



535+00.00

S.R. 4
BEGIN STA. 535+00.00
END STA. 537+00.00

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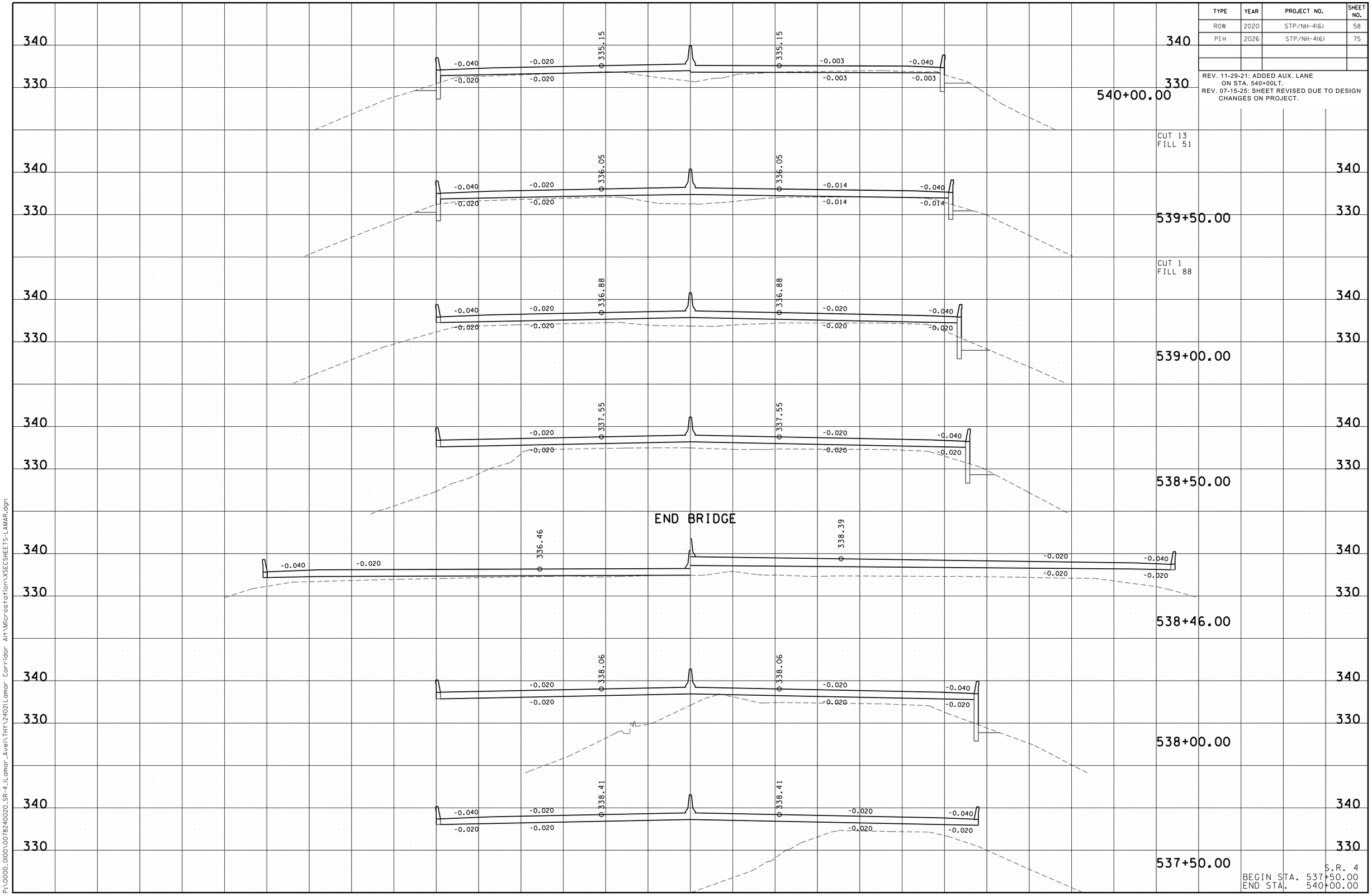
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	58
PIH	2026	STP/NH-4(6)	75

REV. 11-29-21: ADDED AUX. LANE ON STA. 540+00LT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 537+50.00
END STA. 540+00.00

3/10/2026 1:08:54 PM
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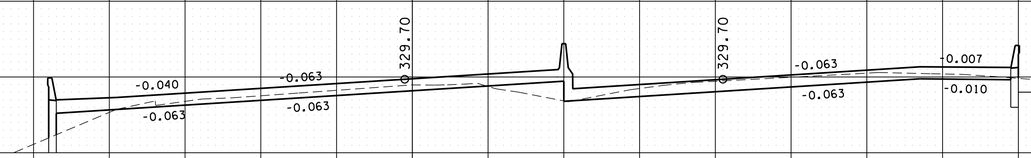
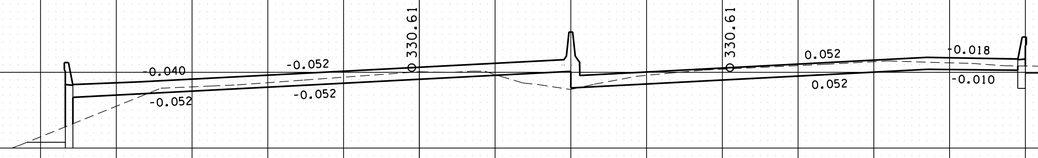
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	59
PIH	2026	STP/NH-4(6)	76	

REV. 11-29-21: ADDED AUX. LANE FROM STA. 540+50LT TO STA. 543+00LT
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



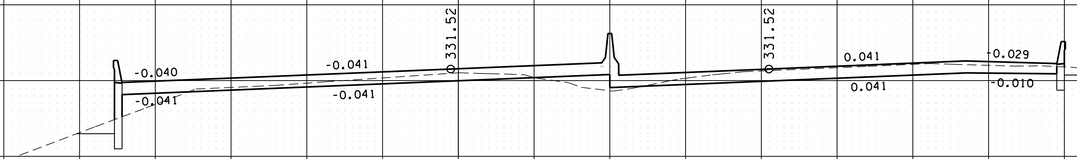
CUT 86
FILL 25

543+00.00



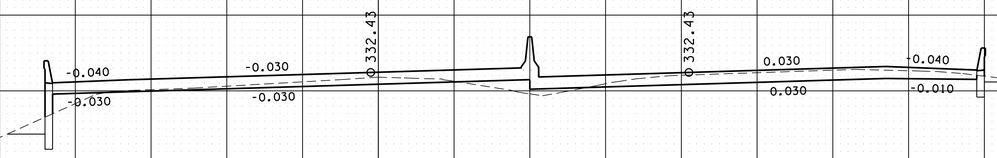
CUT 96
FILL 31

542+50.00



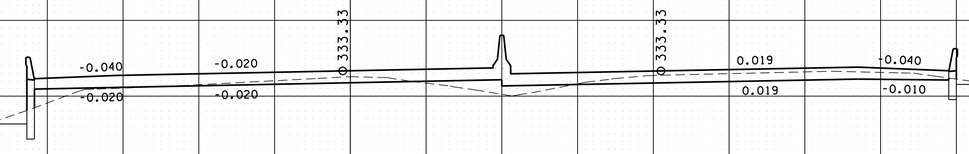
CUT 92
FILL 26

542+00.00



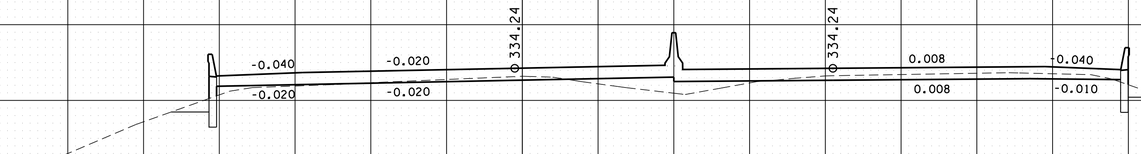
CUT 78
FILL 21

541+50.00



CUT 58
FILL 28

541+00.00



CUT 36
FILL 33

540+50.00

S.R. 4
BEGIN STA. 540+50.00
END STA. 543+00.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

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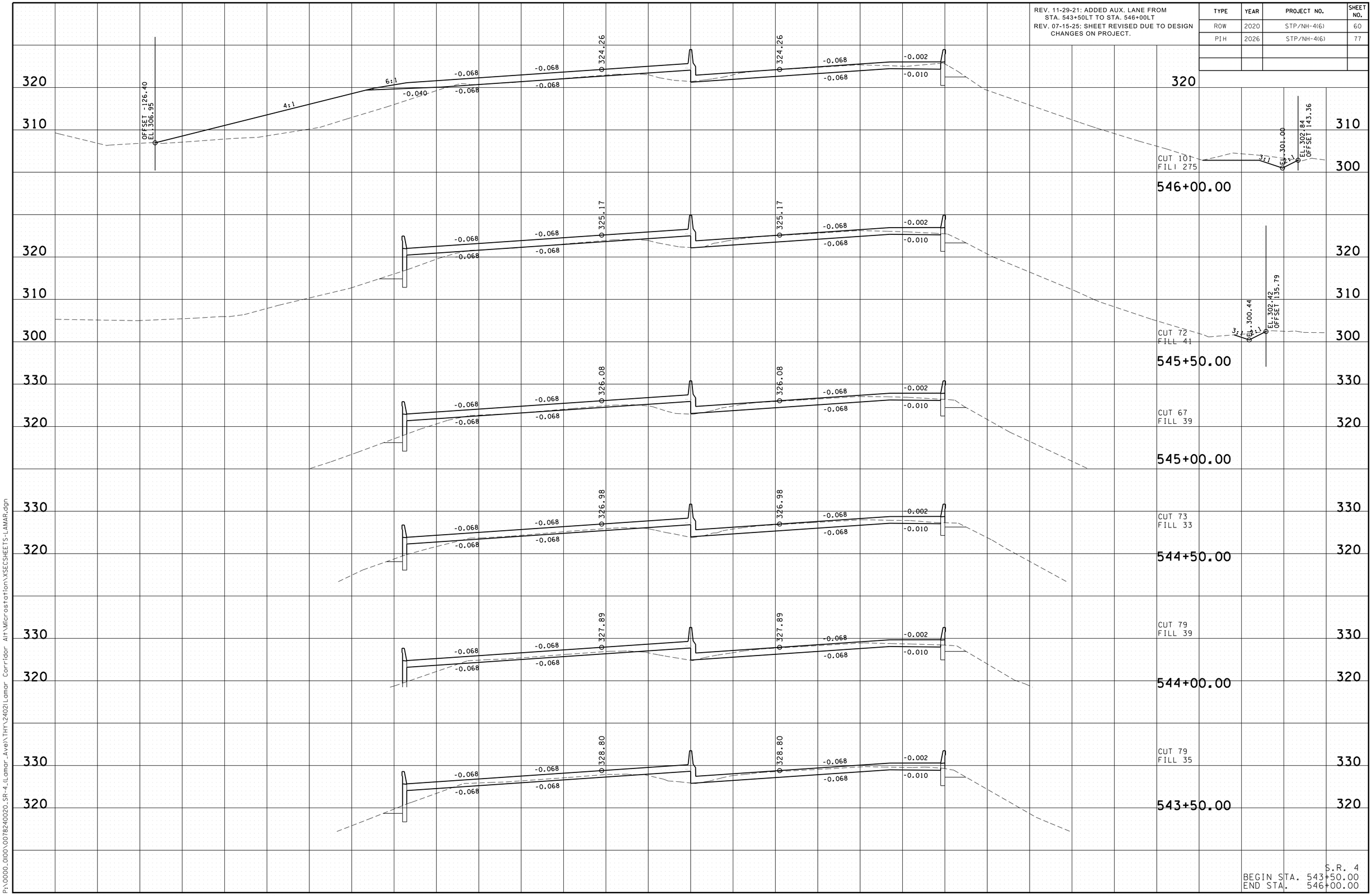
REV. 11-29-21: ADDED AUX. LANE FROM STA. 543+50LT TO STA. 546+00LT
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	60
PIH	2026	STP/NH-4(6)	77



S.R. 4
BEGIN STA. 543+50.00
END STA. 546+00.00

3/10/2026 1:08:56 PM
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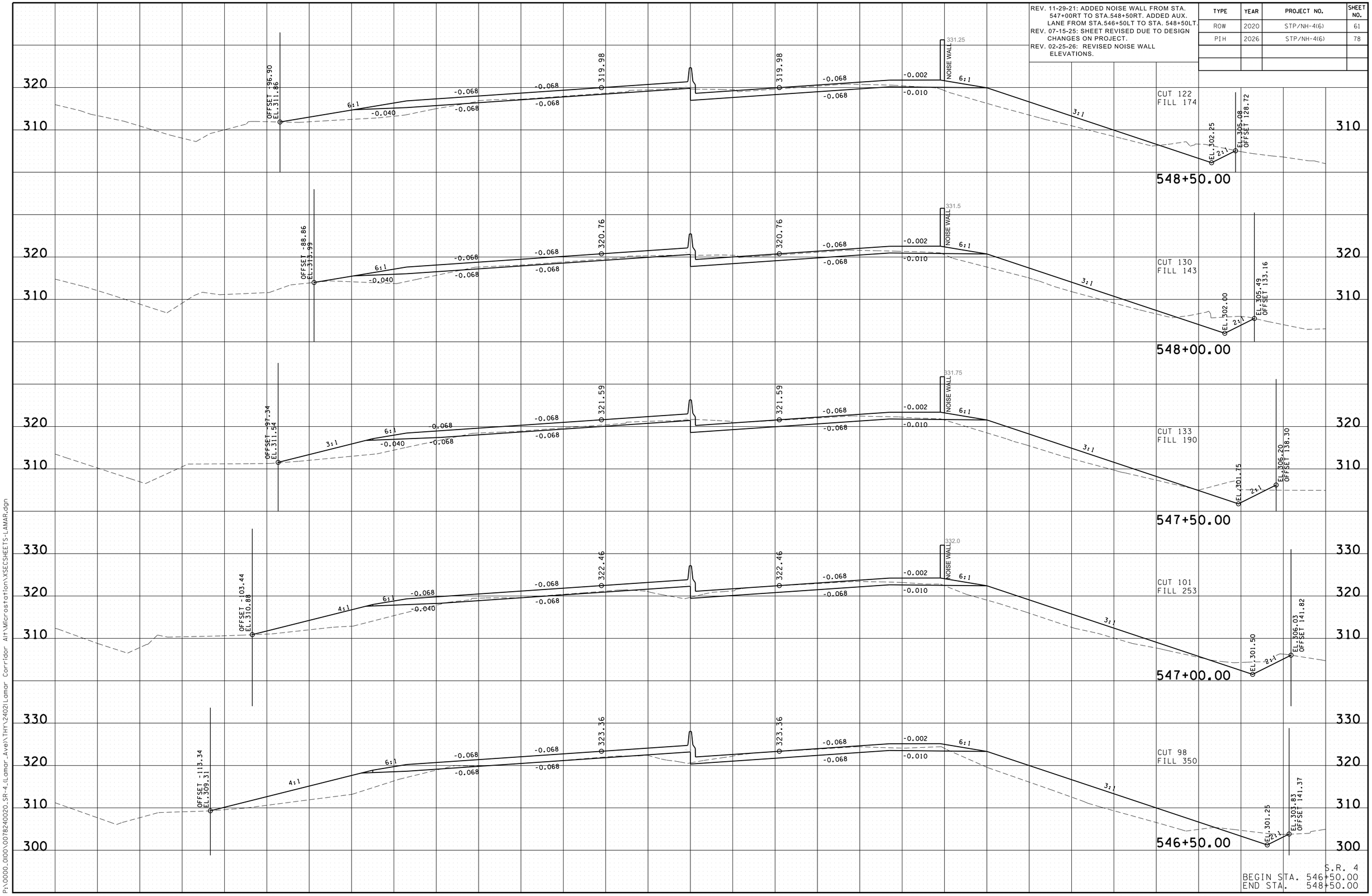
REV. 11-29-21: ADDED NOISE WALL FROM STA. 547+00RT TO STA.548+50RT. ADDED AUX. LANE FROM STA.546+50LT TO STA. 548+50LT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED NOISE WALL ELEVATIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	61
PIH	2026	STP/NH-4(6)	78



S.R. 4
BEGIN STA. 546+50.00
END STA. 548+50.00

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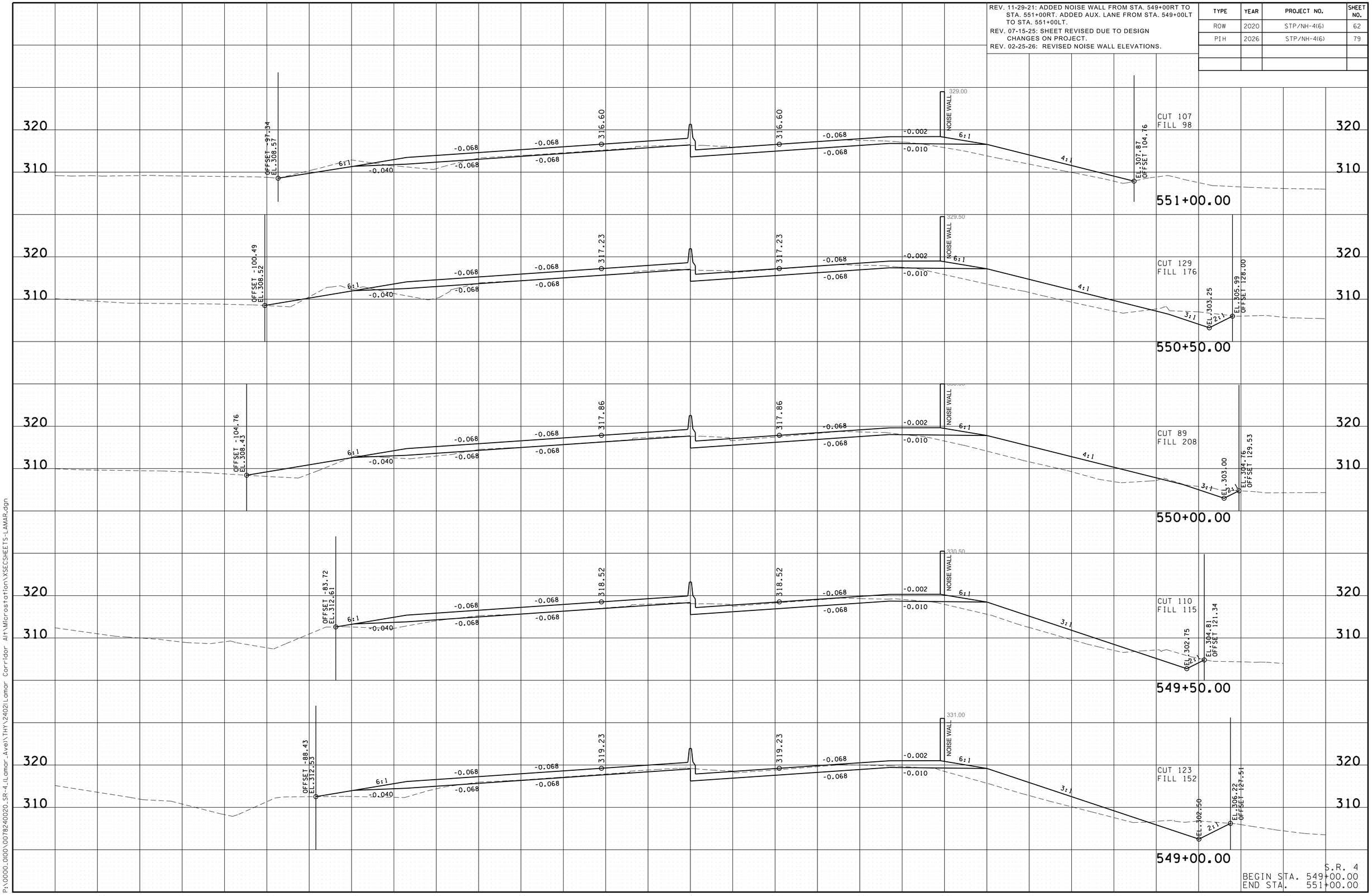
REV. 11-29-21: ADDED NOISE WALL FROM STA. 549+00RT TO STA. 551+00RT. ADDED AUX. LANE FROM STA. 549+00LT TO STA. 551+00LT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED NOISE WALL ELEVATIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	62
PIH	2026	STP/NH-4(6)	79



S.R. 4
BEGIN STA. 549+00.00
END STA. 551+00.00

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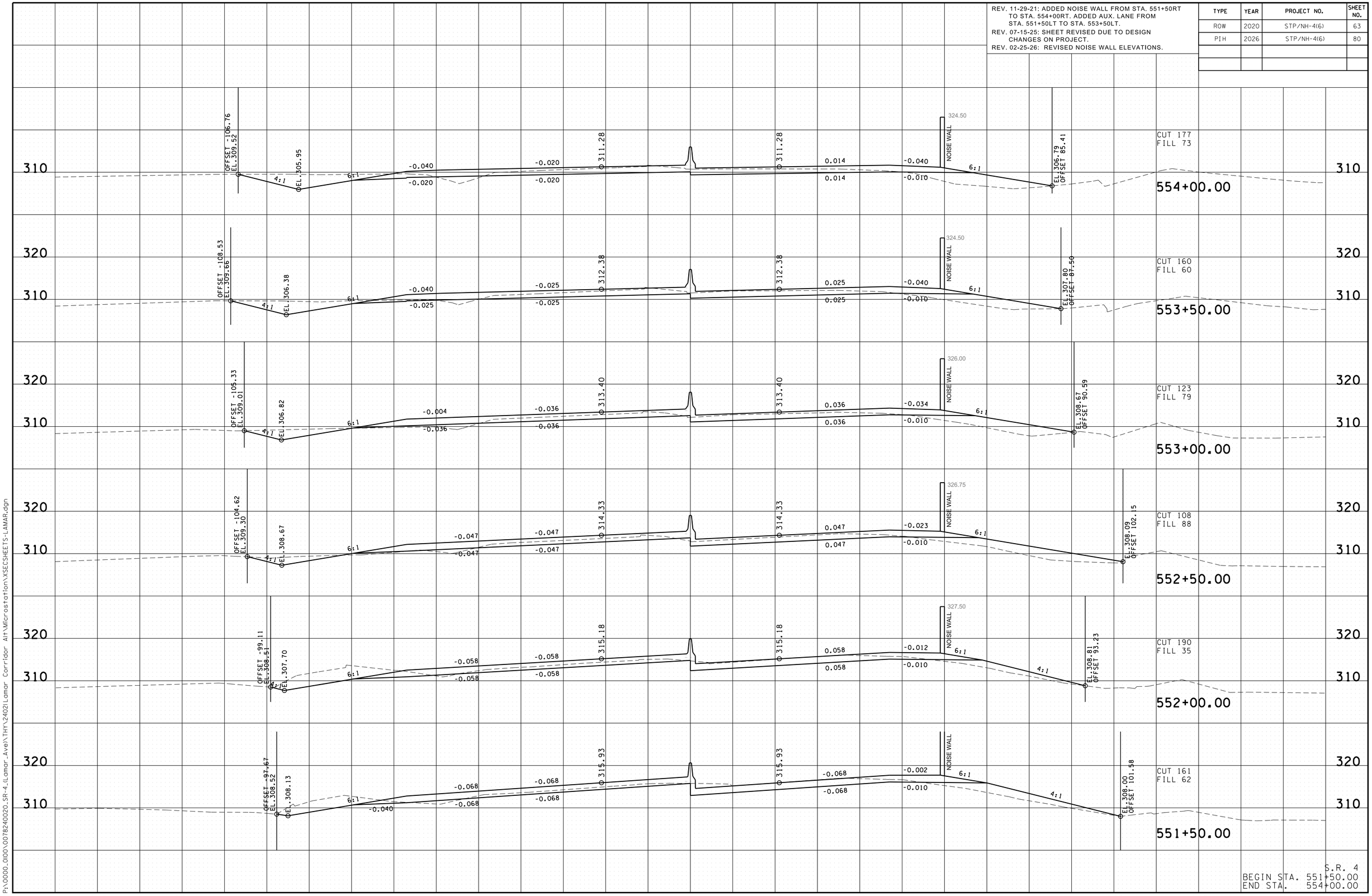
REV. 11-29-21: ADDED NOISE WALL FROM STA. 551+50RT TO STA. 554+00RT. ADDED AUX. LANE FROM STA. 551+50LT TO STA. 553+50LT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED NOISE WALL ELEVATIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	63
PIH	2026	STP/NH-4(6)	80



S.R. 4
BEGIN STA. 551+50.00
END STA. 554+00.00

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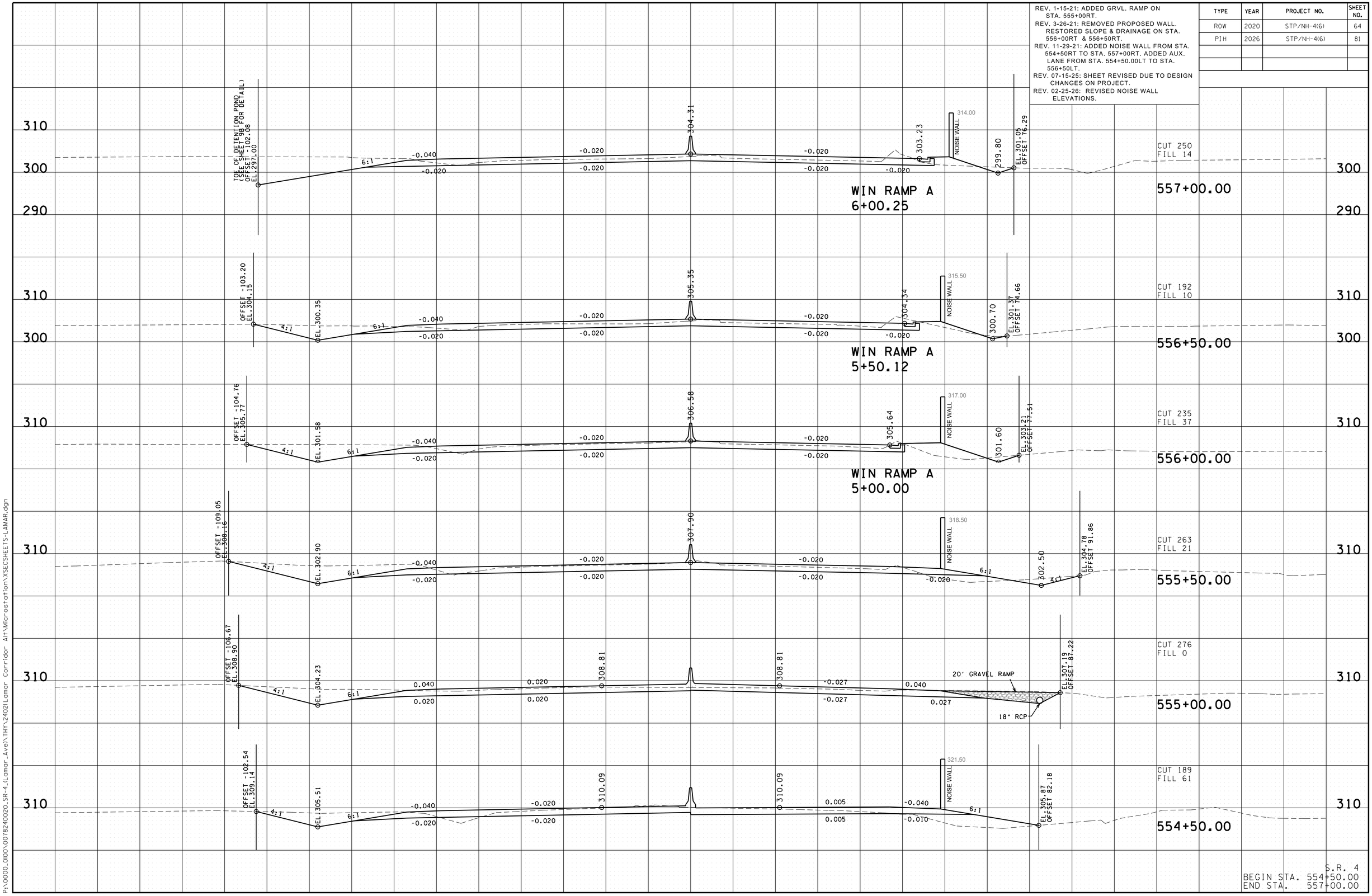
REV. 1-15-21: ADDED GRVL. RAMP ON STA. 555+00RT.
REV. 3-26-21: REMOVED PROPOSED WALL. RESTORED SLOPE & DRAINAGE ON STA. 556+00RT & 556+50RT.
REV. 11-29-21: ADDED NOISE WALL FROM STA. 554+50RT TO STA. 557+00RT. ADDED AUX. LANE FROM STA. 554+50.00LT TO STA. 556+50LT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED NOISE WALL ELEVATIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	64
PIH	2026	STP/NH-4(6)	81



S.R. 4
BEGIN STA. 554+50.00
END STA. 557+00.00

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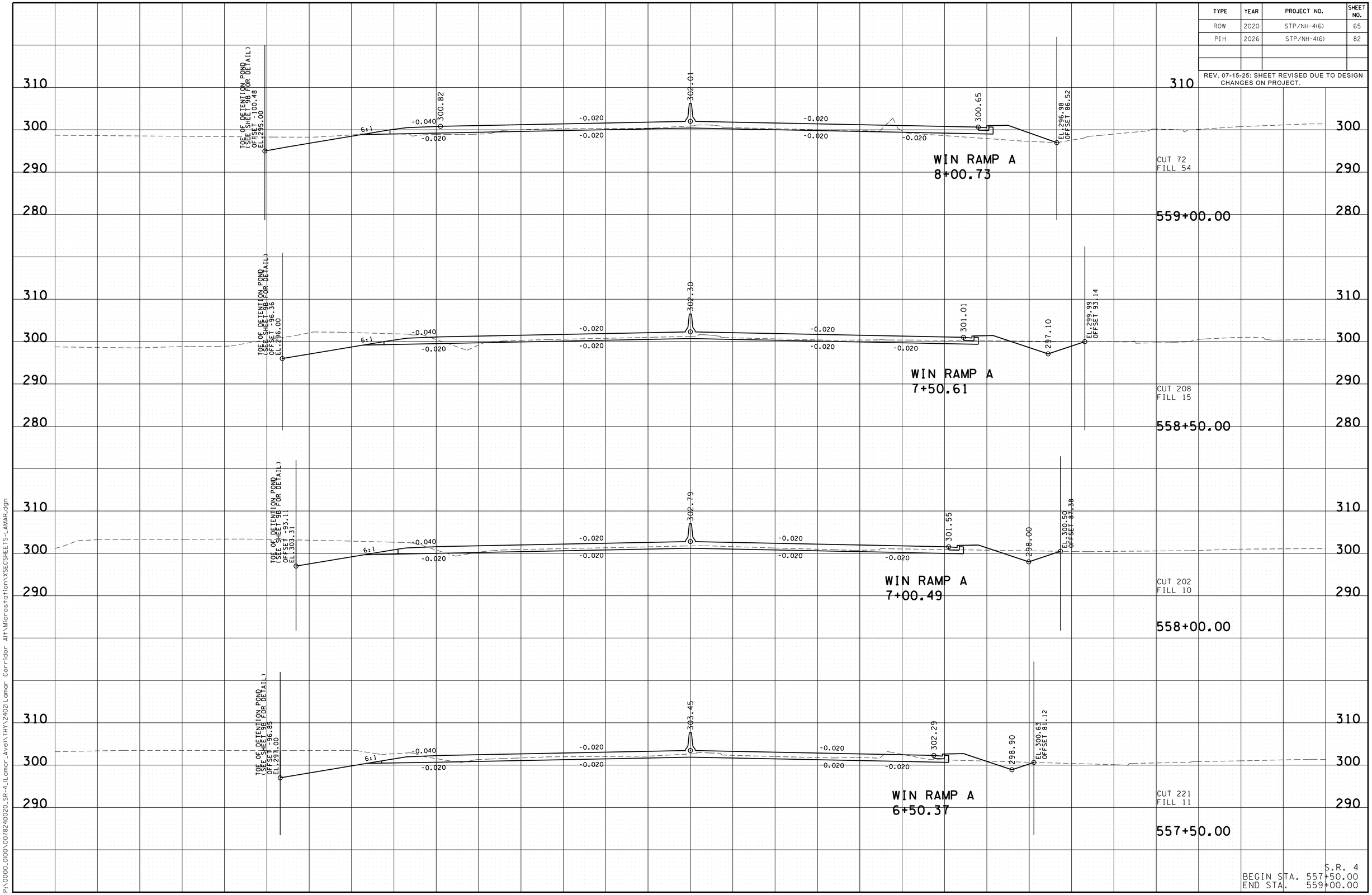
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	65
PIH	2026	STP/NH-4(6)	82	

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 557+50.00
END STA. 559+00.00

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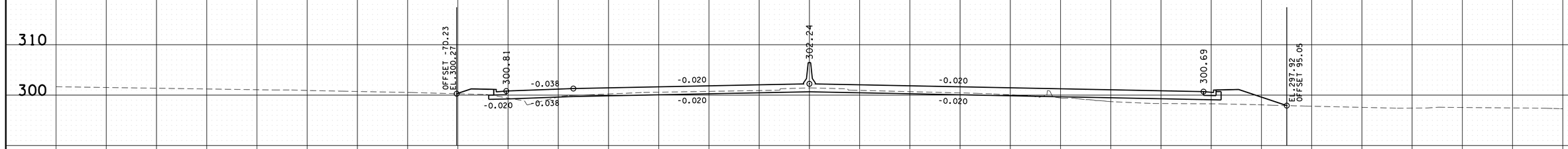
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	66
PIH	2026	STP/NH-4(6)	83

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

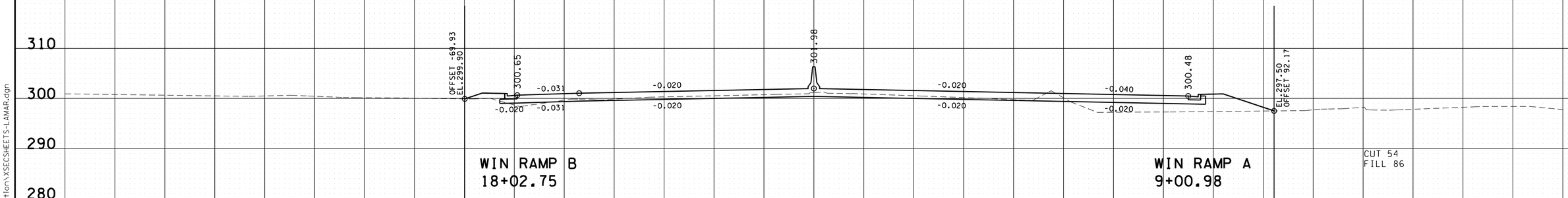


WIN RAMP B
17+52.74

WIN RAMP A
9+51.10

CUT 46
FILL 60

560+50.00

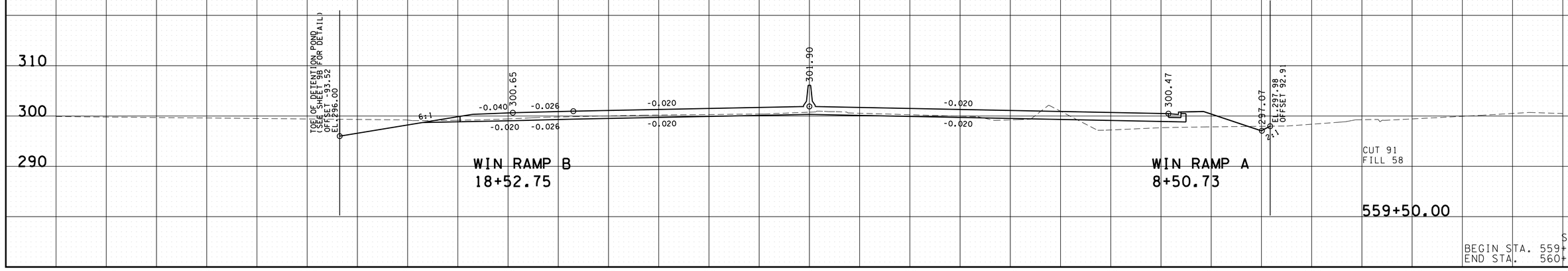


WIN RAMP B
18+02.75

WIN RAMP A
9+00.98

CUT 54
FILL 86

560+00.00



WIN RAMP B
18+52.75

WIN RAMP A
8+50.73

CUT 91
FILL 58

559+50.00

S.R. 4
BEGIN STA. 559+50.00
END STA. 560+50.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

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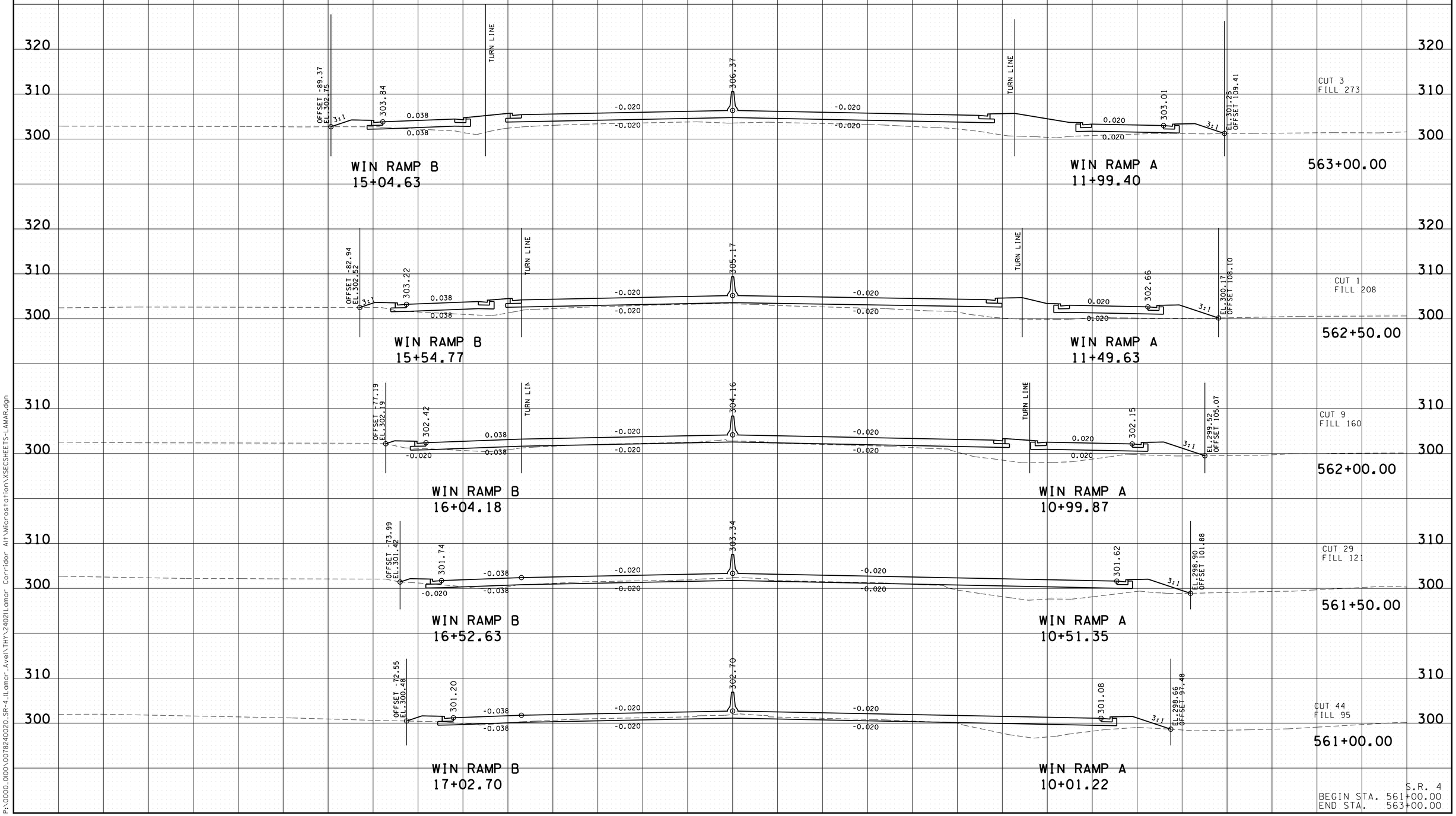
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	67
PIH	2026	STP/NH-4(6)	84

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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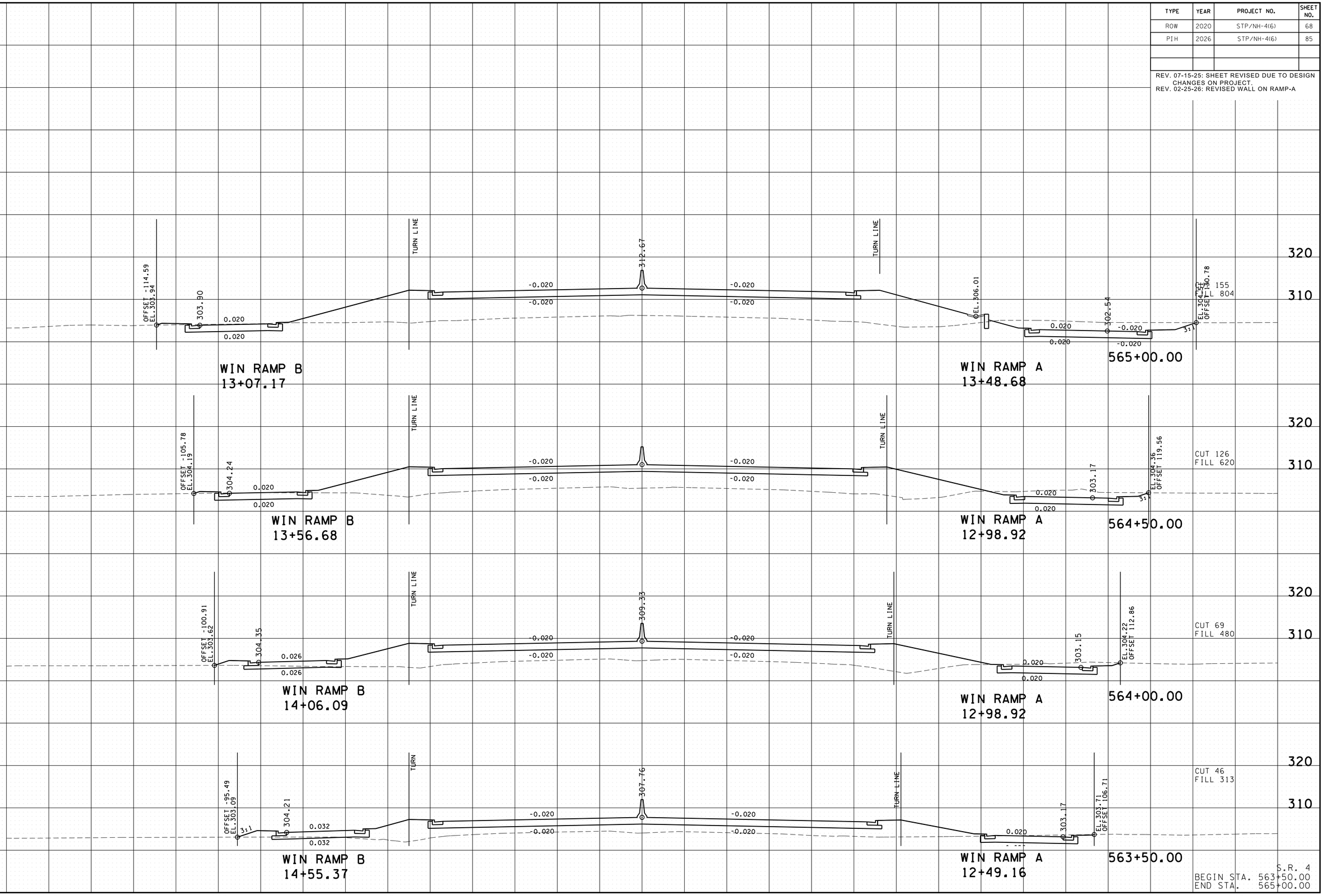
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	68
PIH	2026	STP/NH-4(6)	85	

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL ON RAMP-A



S.R. 4
BEGIN STA. 563+50.00
END STA. 565+00.00

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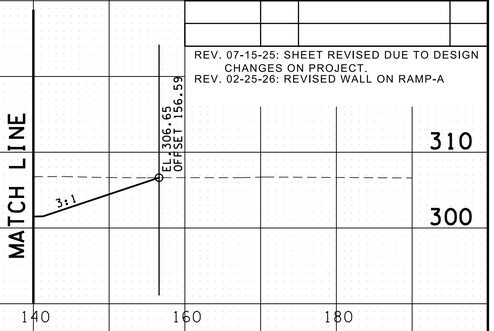
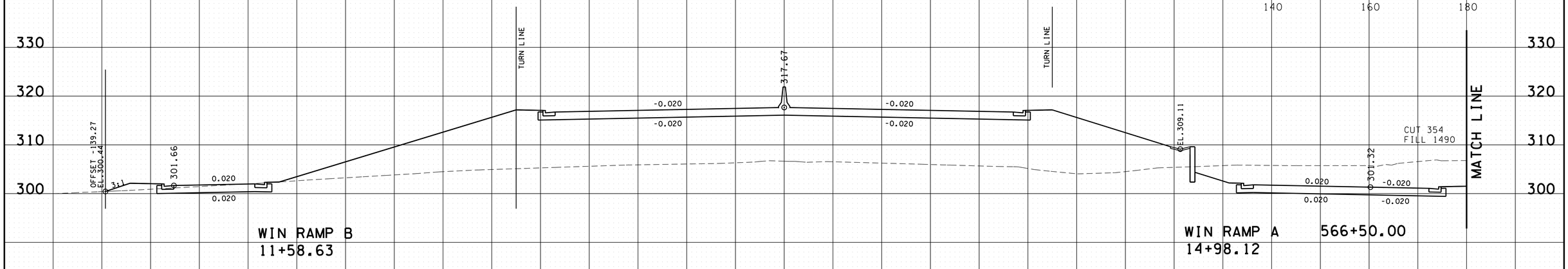
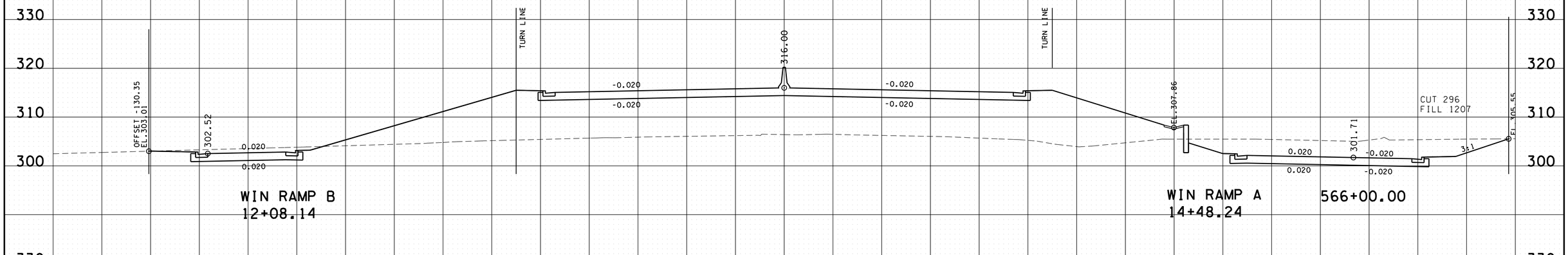
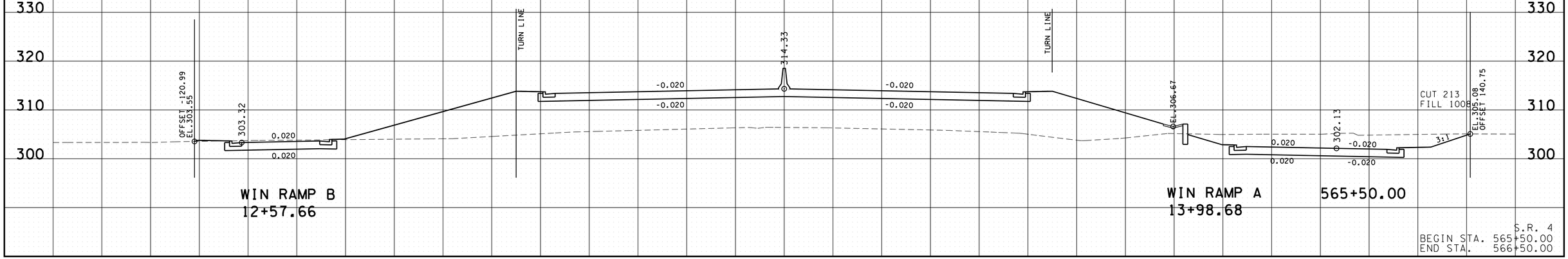
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	69
PIH	2026	STP/NH-4(6)	86

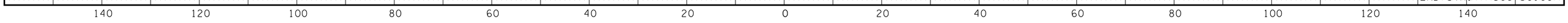
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL ON RAMP-A











S.R. 4
BEGIN STA. 565+50.00
END STA. 566+50.00

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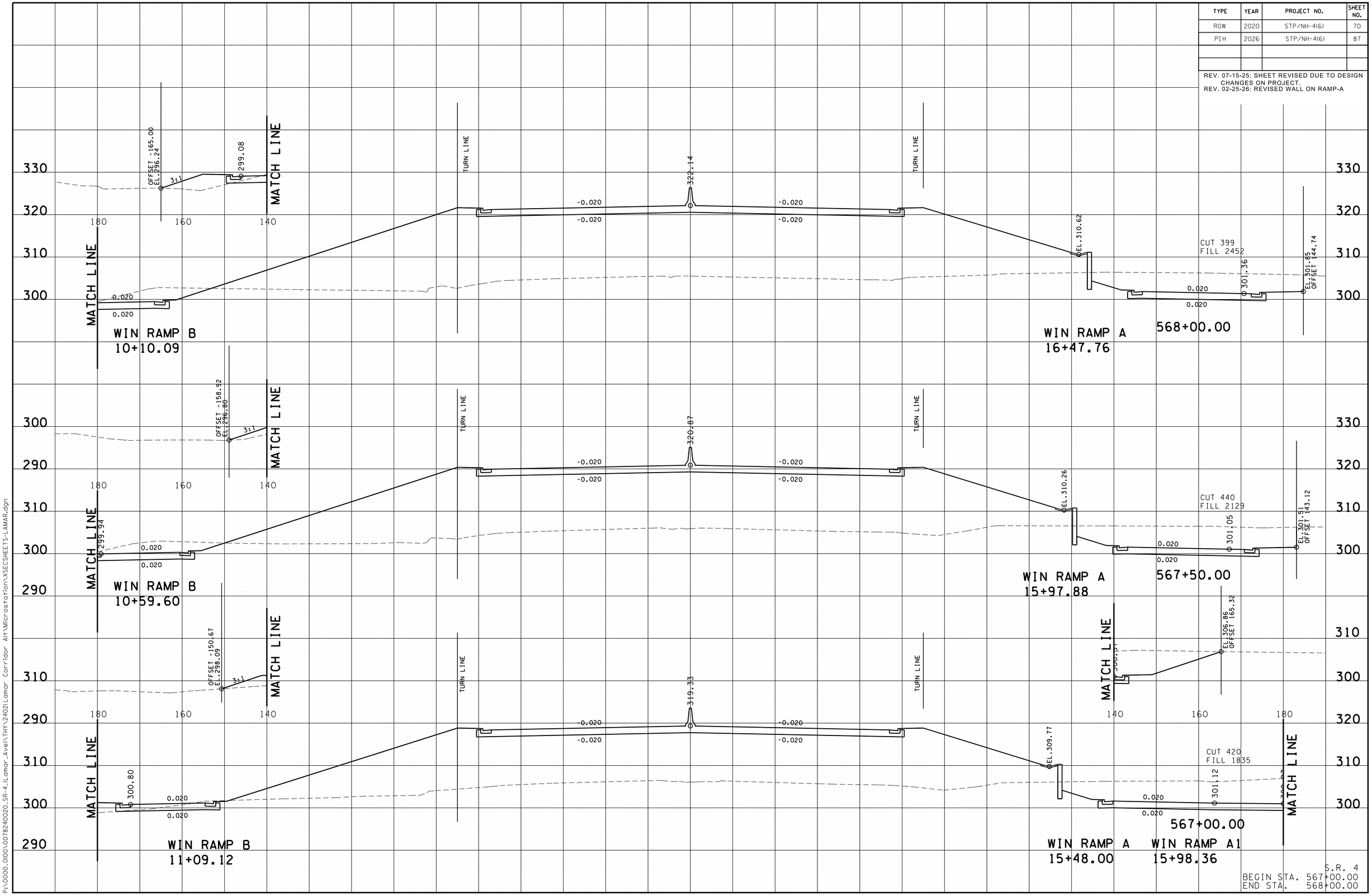
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	70
PIH	2026	STP/NH-4(6)	87

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL ON RAMP-A



S.R. 4
BEGIN STA. 567+00.00
END STA. 568+00.00

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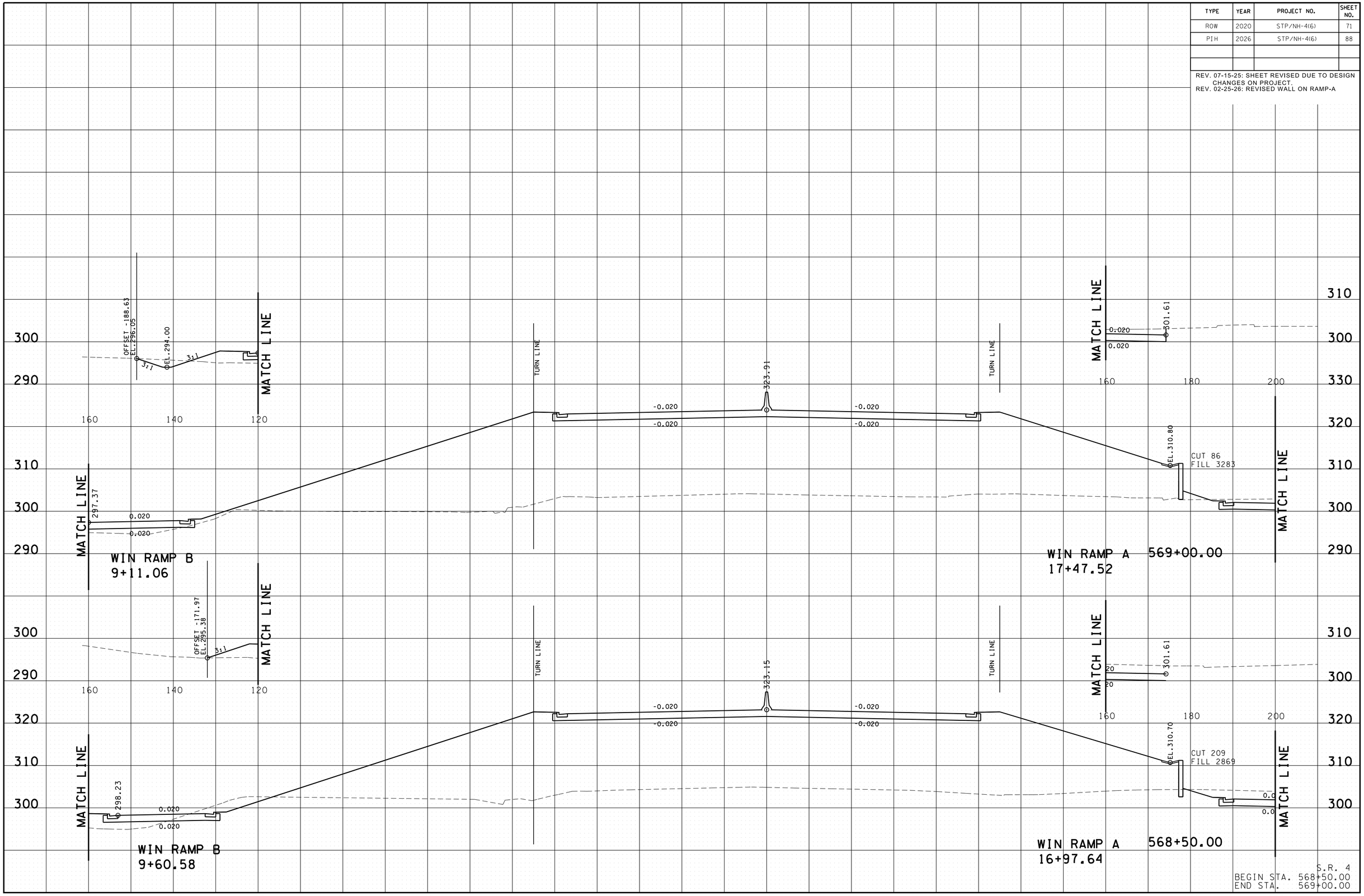
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	71
PIH	2026	STP/NH-4(6)	88	

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL ON RAMP-A



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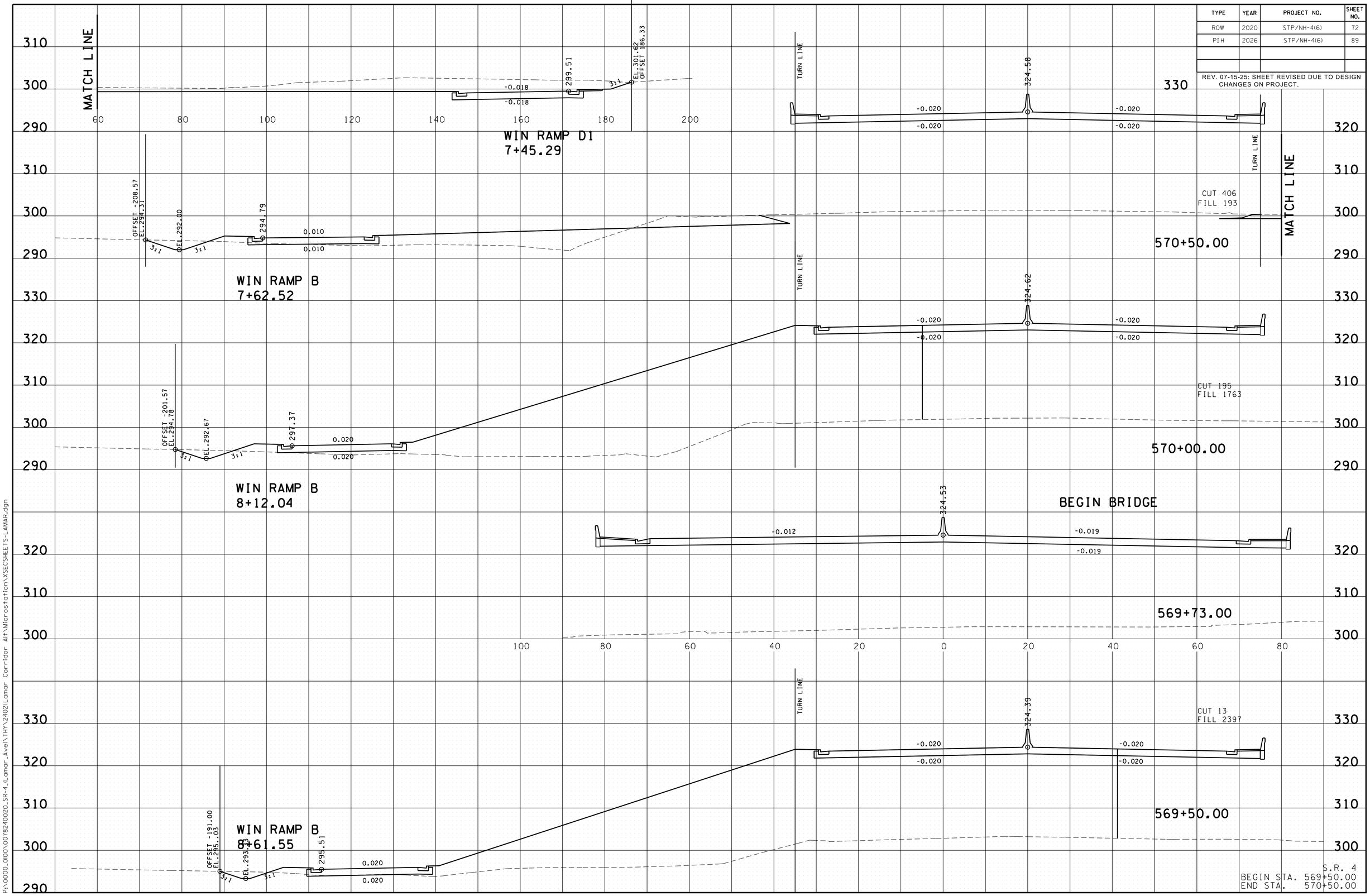
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	72
PIH	2026	STP/NH-4(6)	89

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 569+50.00
END STA. 570+50.00

3/10/2026 1:09:13 PM
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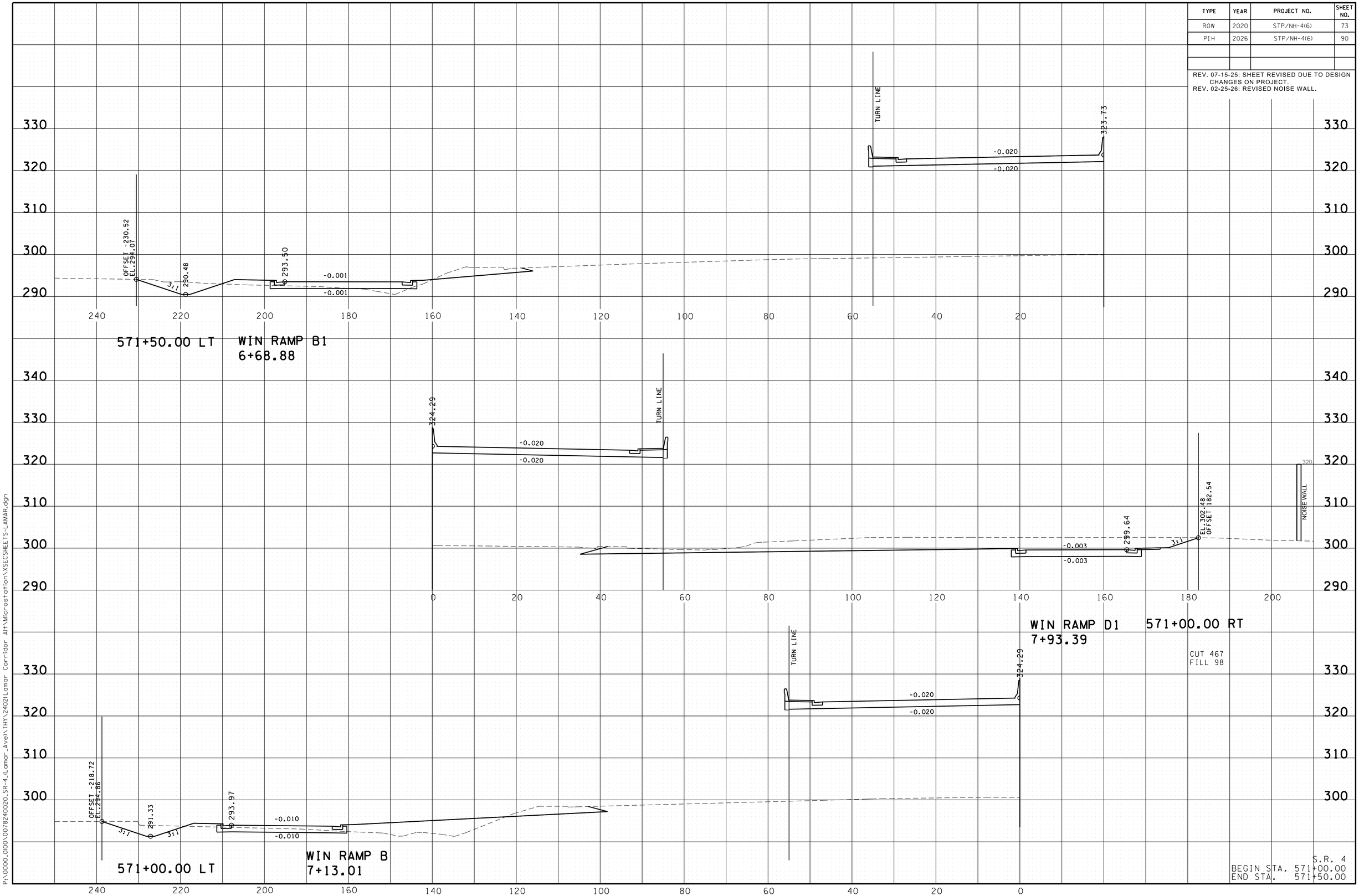
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	73
PIH	2026	STP/NH-4(6)	90

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED NOISE WALL.



S.R. 4
BEGIN STA. 571+00.00
END STA. 571+50.00

3/10/2026 1:09:14 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	74
PIH	2026	STP/NH-4(6)	91

REV. 11-29-21: ADDED NOISE WALL FROM STA. 571+50RT TO 573+50RT.

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

REV. 02-25-26: REVISED NOISE WALL.

572+00.00 RT

CUT 88
FILL 2667

322.90
TURN LINE
-0.020
-0.020
WIN RAMP D
8+92.68
300.90
EL 302.14
OFFSET 165.91
3:1
0.020
0.020
320.0
NOISE WALL

END BRIDGE
323.68
-0.026
-0.026
-0.005
-0.005

571+53.25

322.90
-0.020
-0.020

572+00.00 LT

TURN LINE
323.73
-0.020
-0.020
TURN LINE
-0.020
-0.020

571+50.00 RT

CUT 204
FILL 1610

WIN RAMP D
8+92.68
300.15
EL 302.27
OFFSET 174.47
3:1
0.017
0.017
320.0
NOISE WALL

S.R. 4
BEGIN STA. 571+50.00
END STA. 572+00.00

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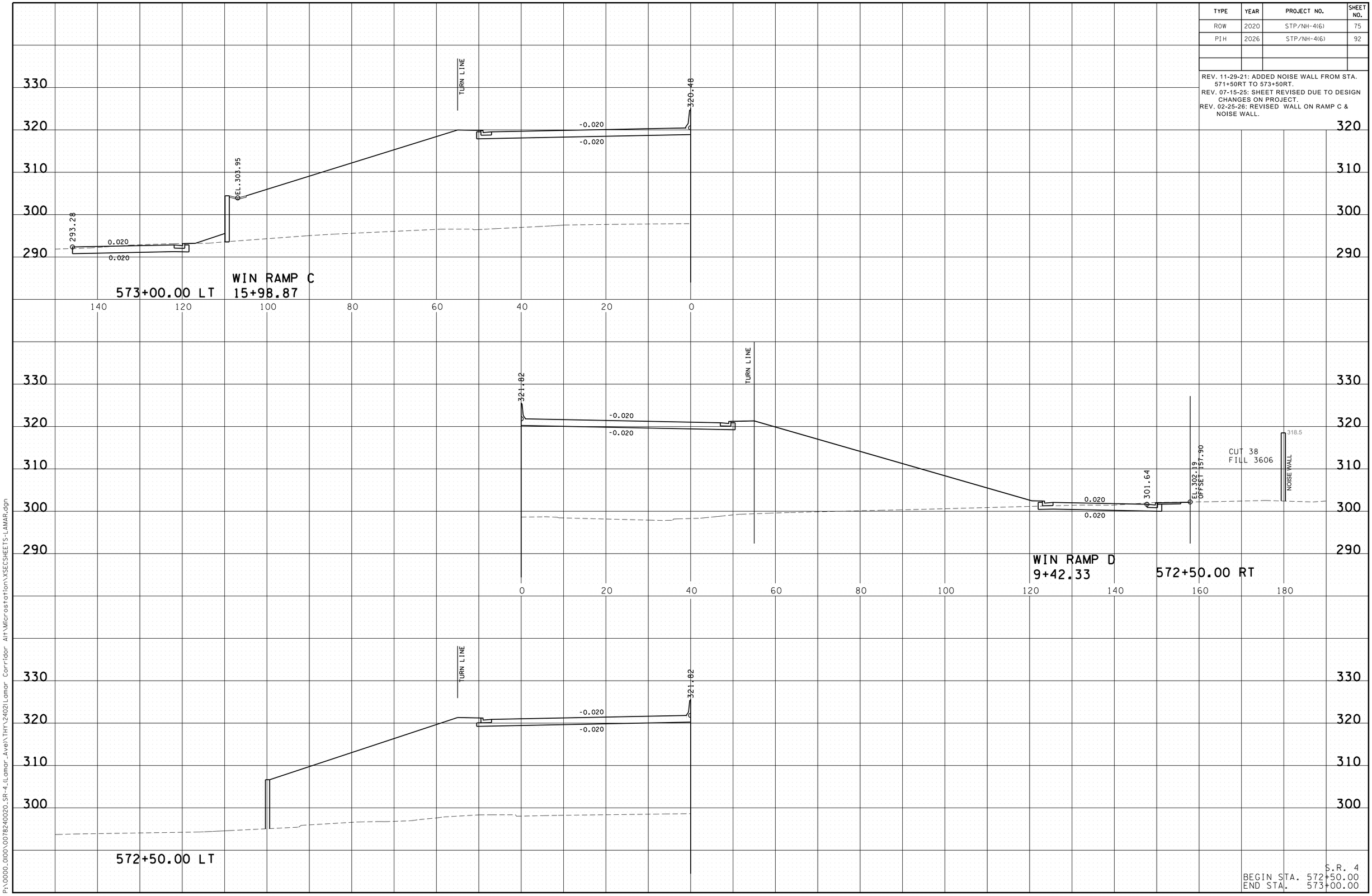
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	75
PIH	2026	STP/NH-4(6)	92

REV. 11-29-21: ADDED NOISE WALL FROM STA. 571+50RT TO 573+50RT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL ON RAMP C & NOISE WALL.



S.R. 4
BEGIN STA. 572+50.00
END STA. 573+00.00

3/10/2026 12:09:17 PM
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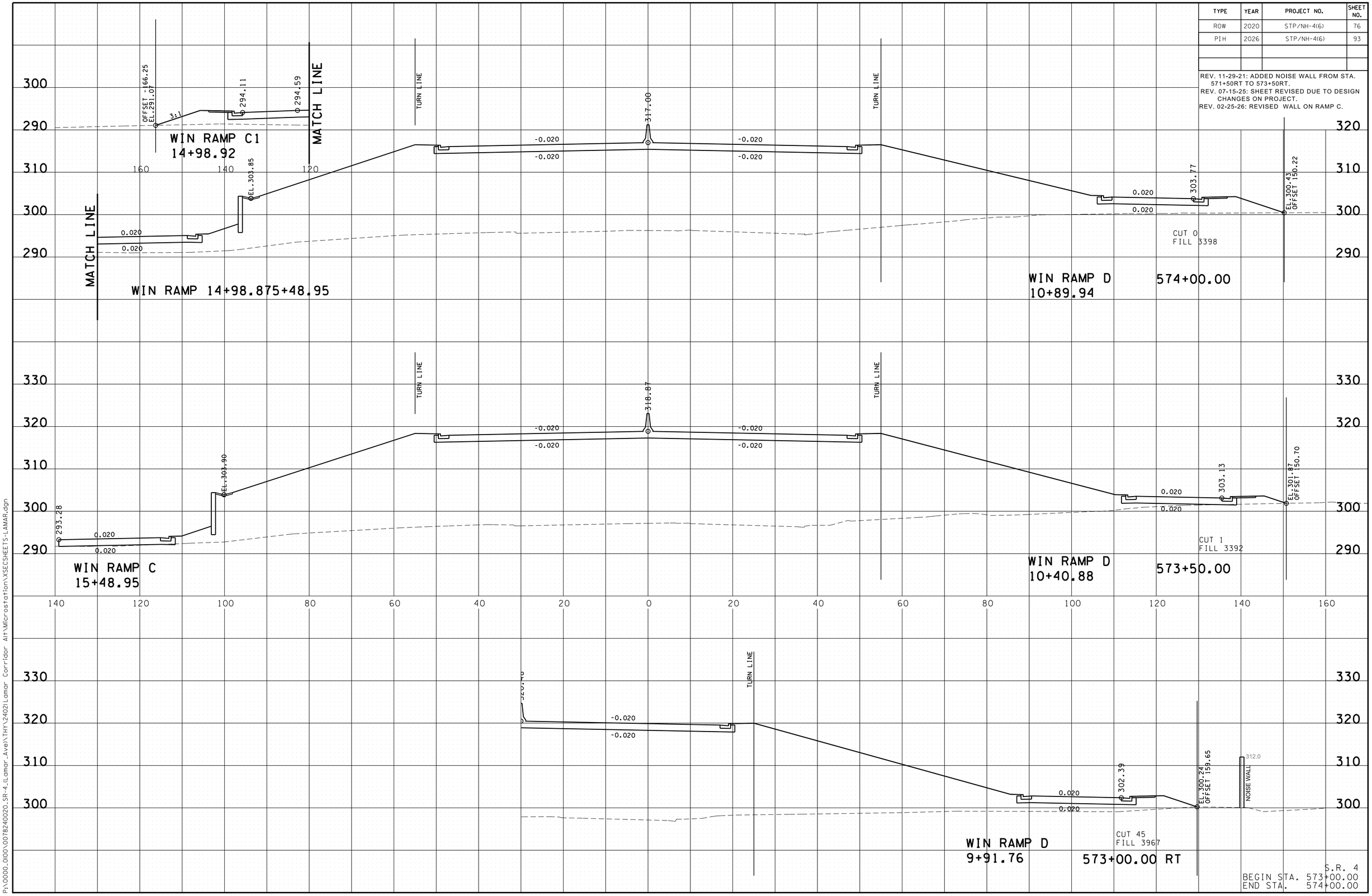
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	76
PIH	2026	STP/NH-4(6)	93

REV. 11-29-21: ADDED NOISE WALL FROM STA. 571+50RT TO 573+50RT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL ON RAMP C.



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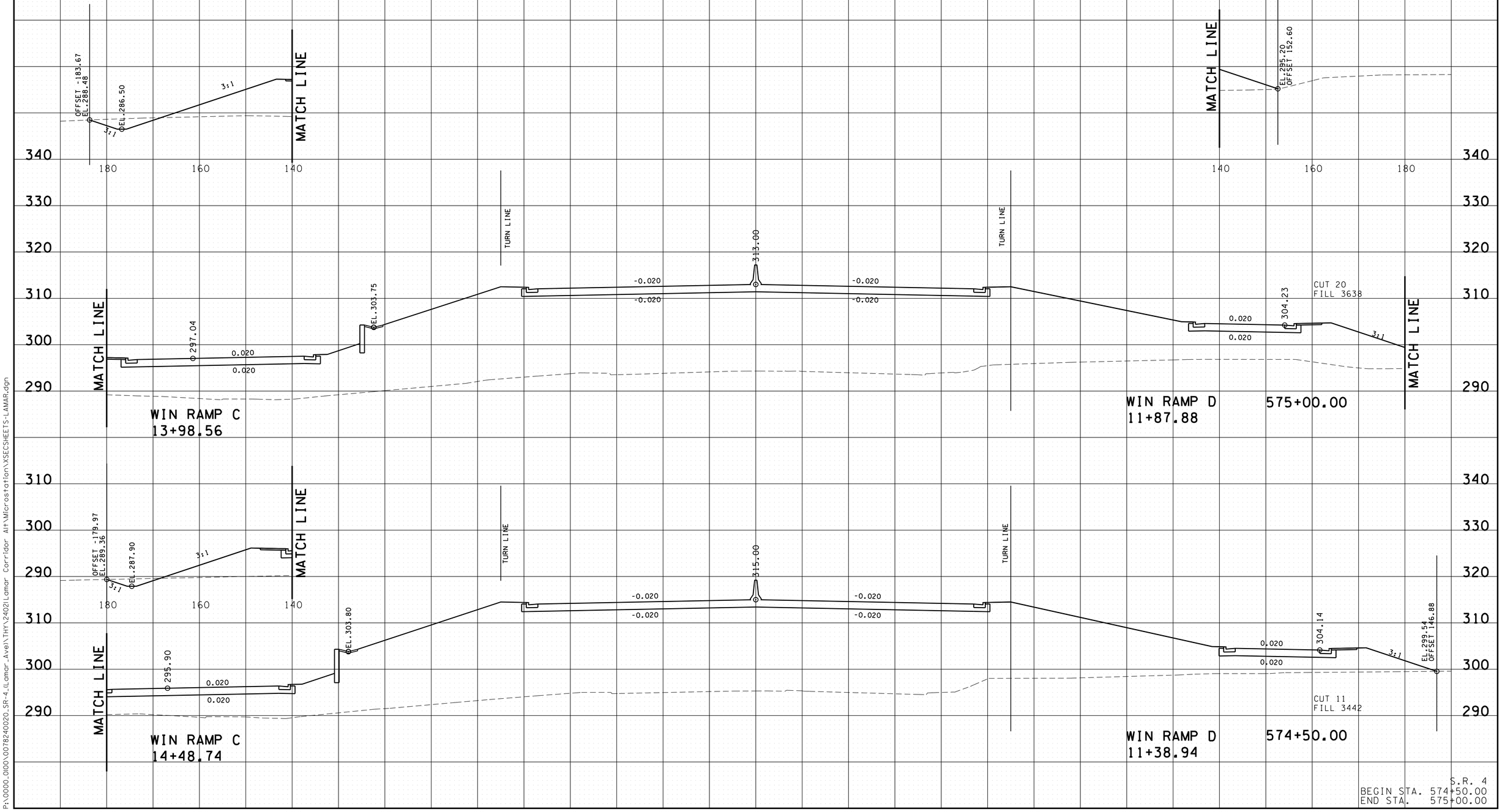
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	77
PIH	2026	STP/NH-4(6)	94	

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED WALL ON RAMP C.



S.R. 4
BEGIN STA. 574+50.00
END STA. 575+00.00

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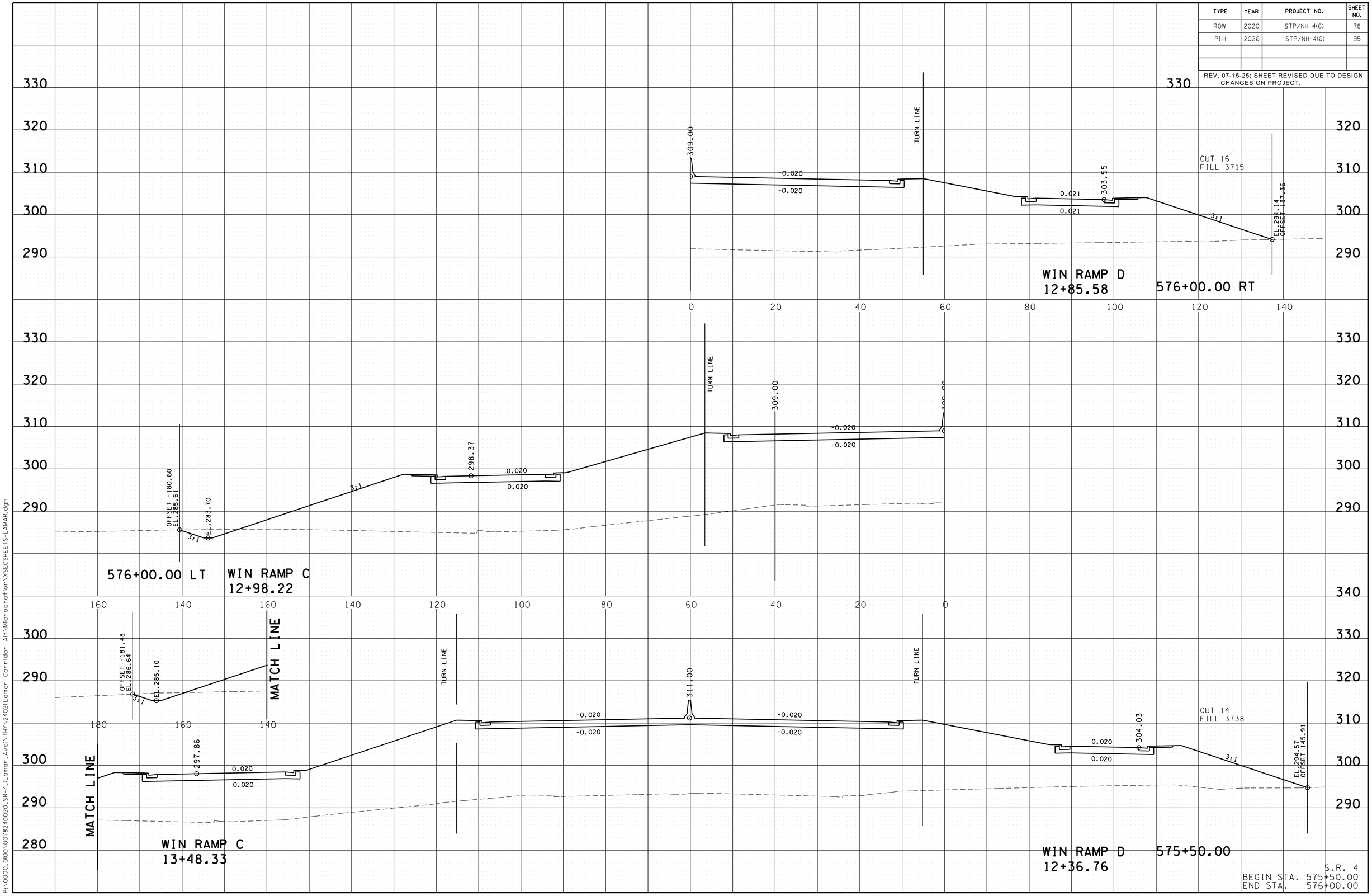
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	78
PIH	2026	STP/NH-4(6)	95

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 575+50.00
END STA. 576+00.00

3/10/2026 1:09:21 PM
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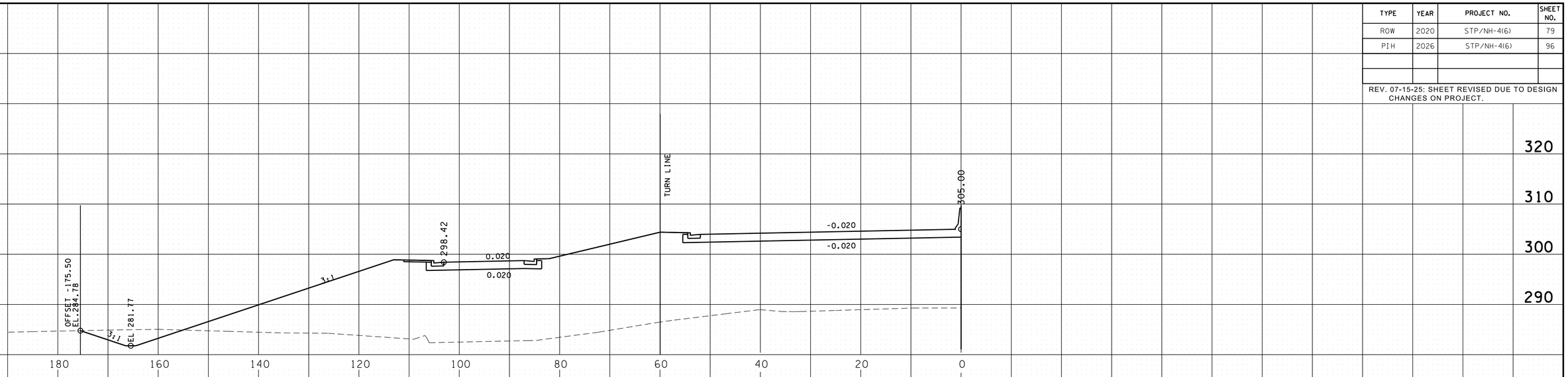
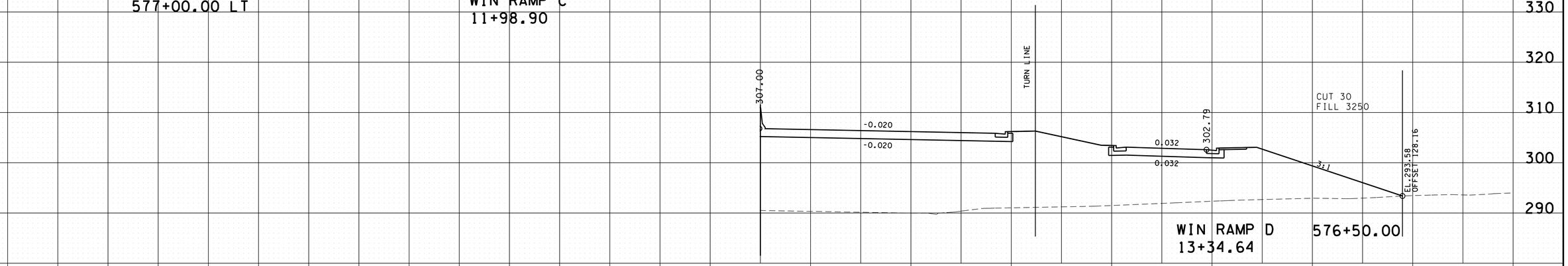
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	79
PIH	2026	STP/NH-4(6)	96

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



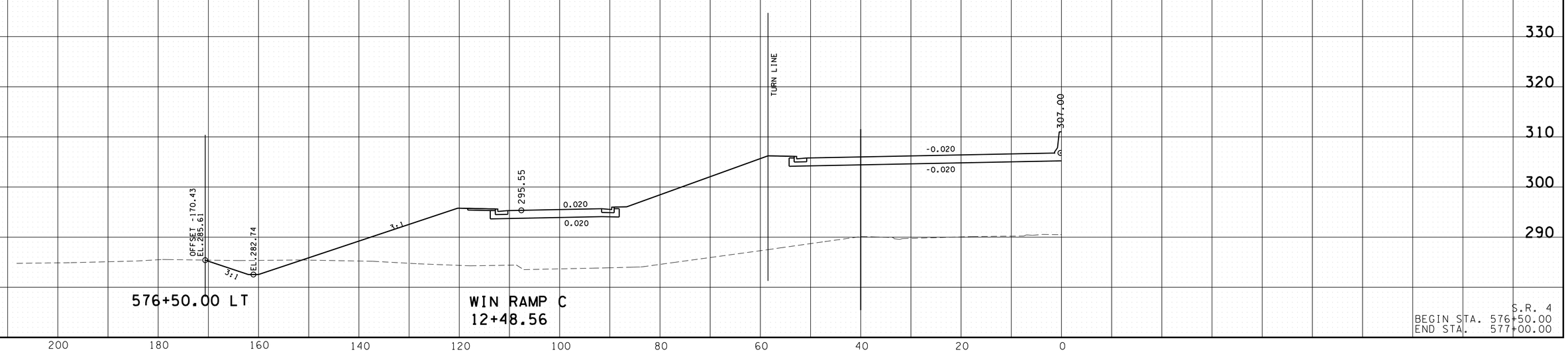
577+00.00 LT

WIN RAMP C
11+98.90



WIN RAMP D
13+34.64

576+50.00



576+50.00 LT

WIN RAMP C
12+48.56

S.R. 4
BEGIN STA. 576+50.00
END STA. 577+00.00

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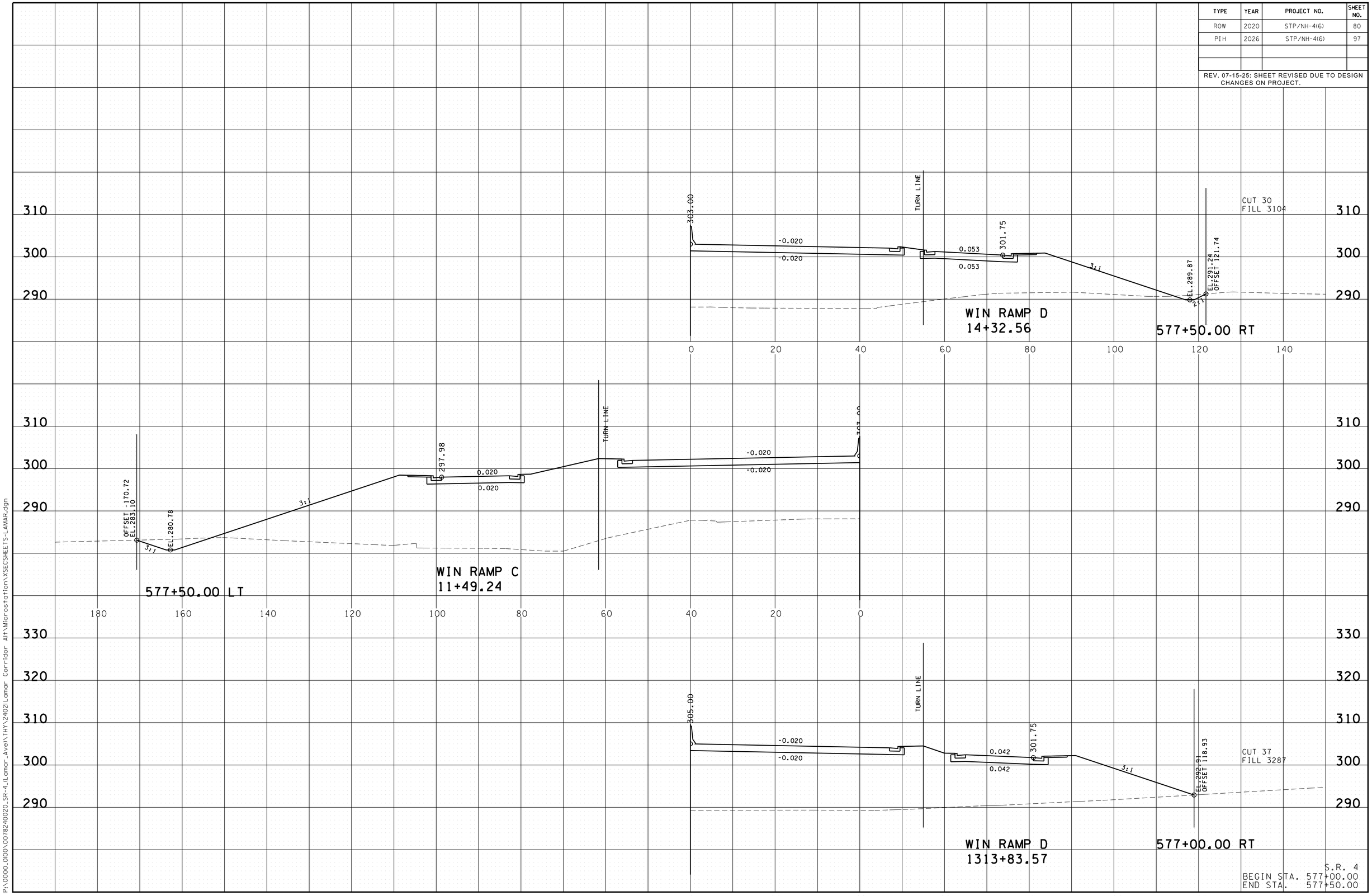
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	80
PIH	2026	STP/NH-4(6)	97

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 577+00.00
END STA. 577+50.00

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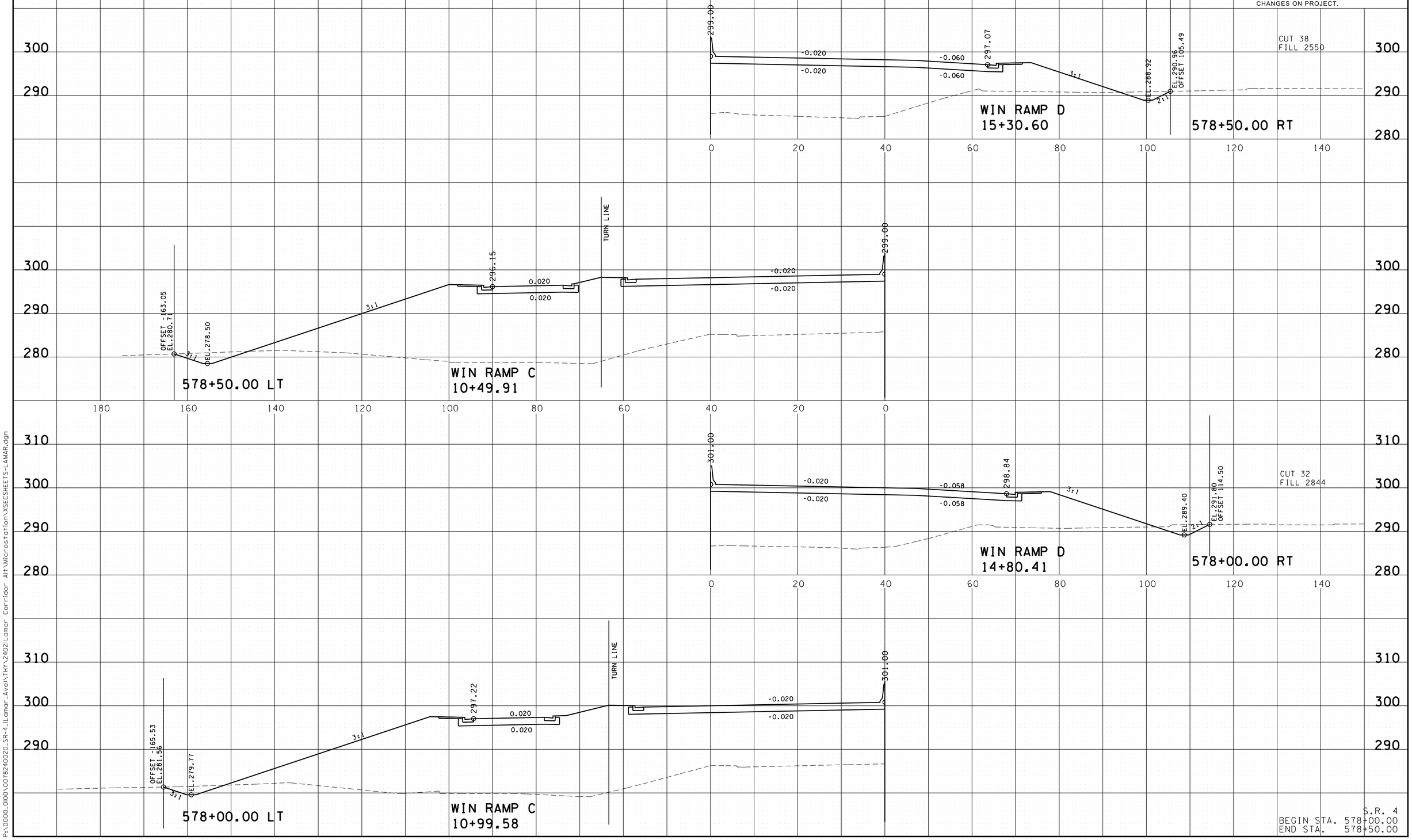
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	81
PIH	2026	STP/NH-4(6)	98

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 578+00.00
END STA. 578+50.00

3/10/2026 1:09:25 PM
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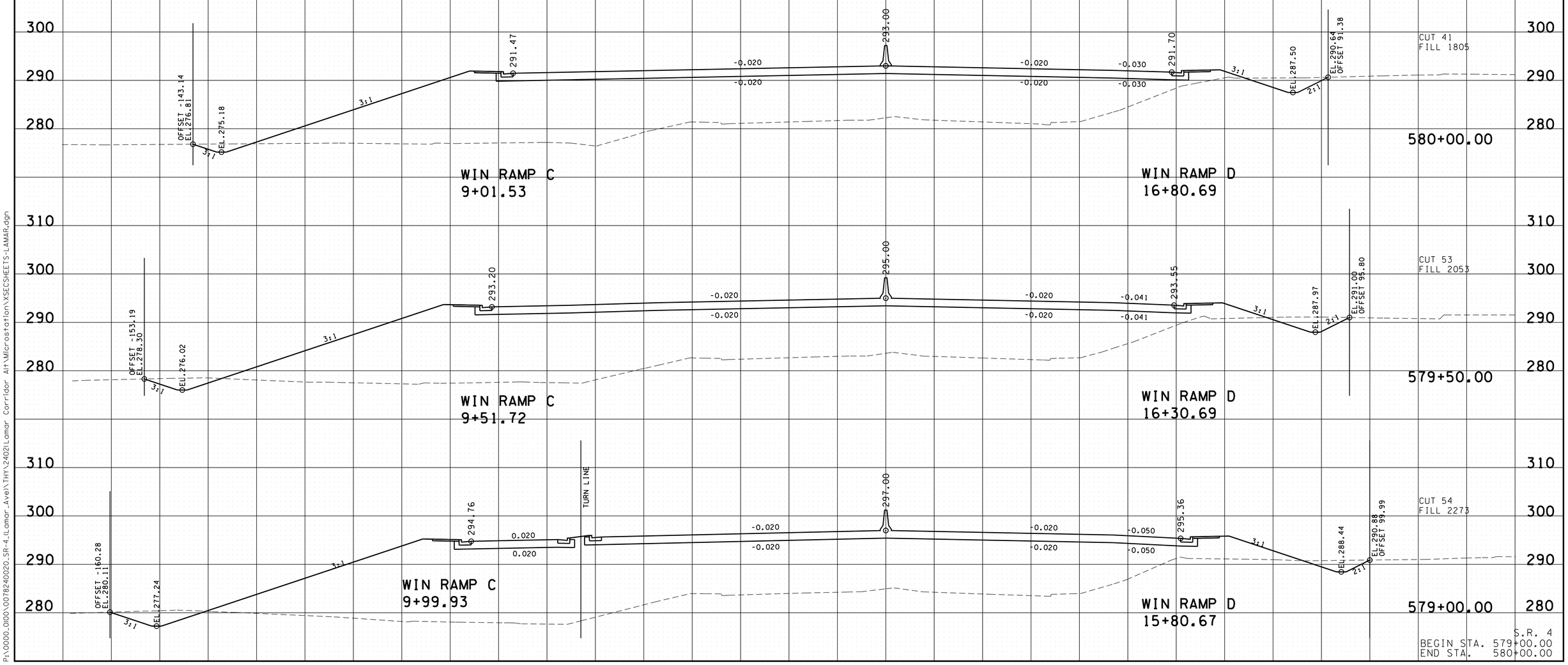
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	82
PIH	2026	STP/NH-4(6)	99

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 579+00.00
END STA. 580+00.00

3/10/2026 09:26 PM
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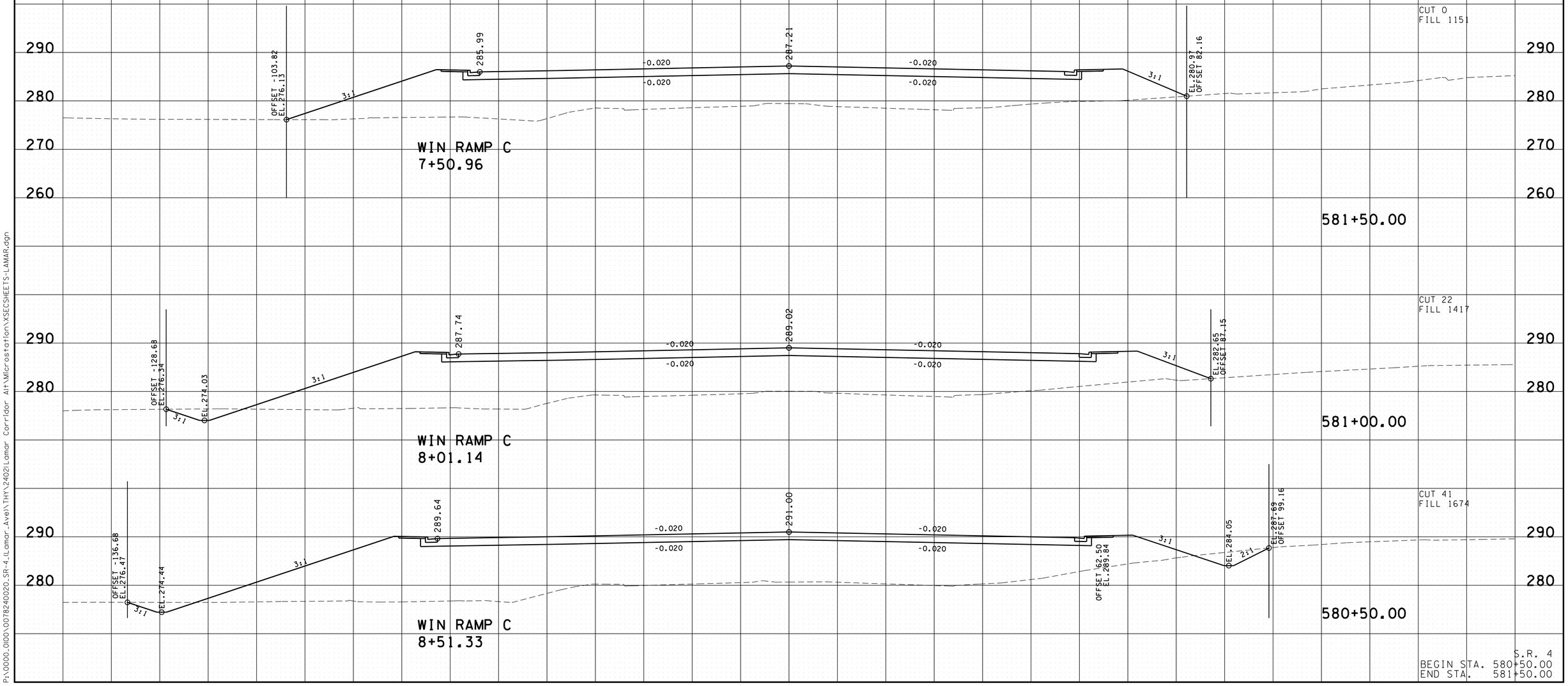
REV. 1-15-21: REMOVED RET. WALL STA. 581+50 RT. REVISED DRAINAGE & SLOPED ON STA. 580+50 RT. & 581+00 RT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	83
PIH	2026	STP/NH-4(6)	100



S.R. 4
BEGIN STA. 580+50.00
END STA. 581+50.00

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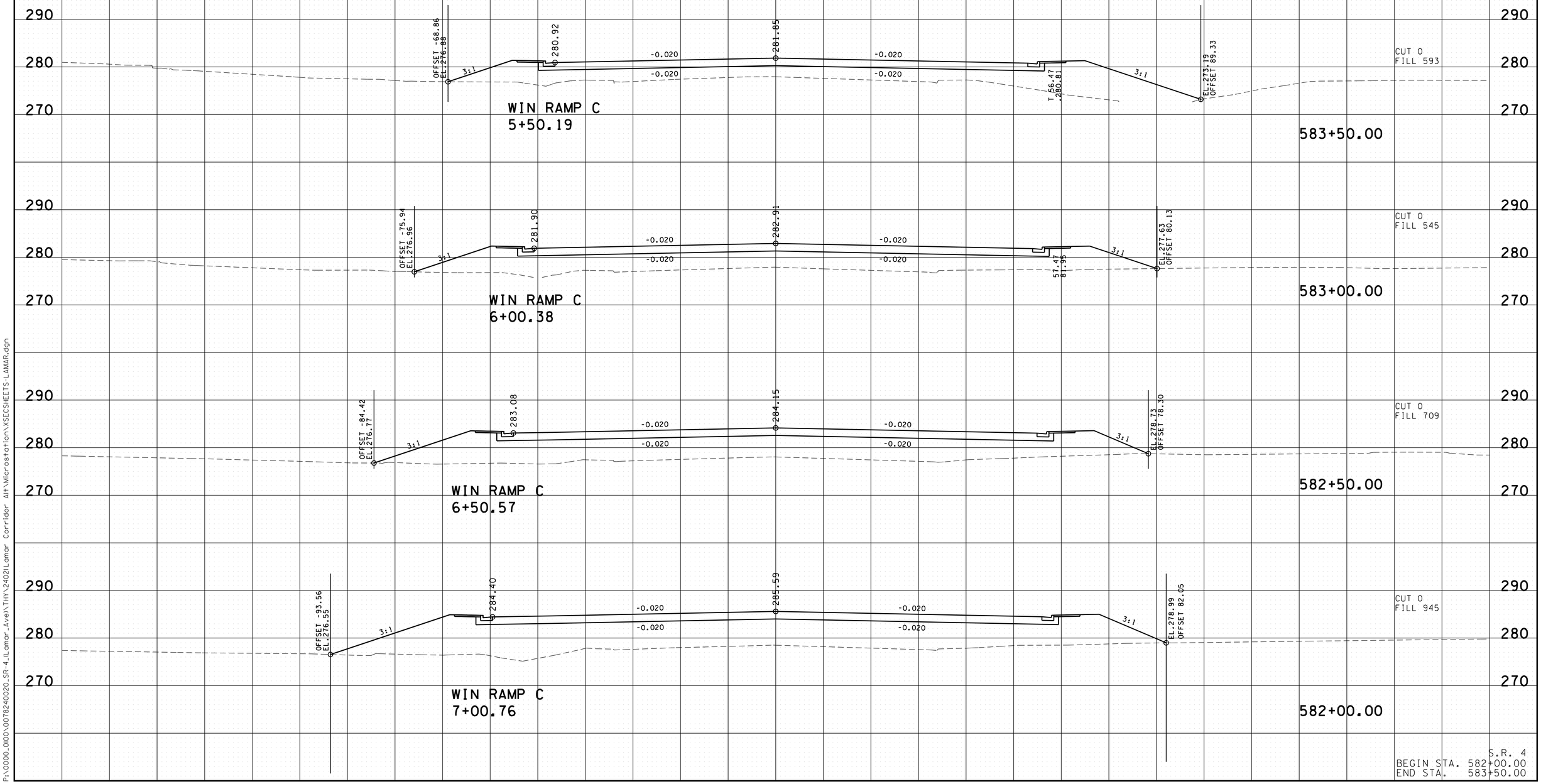
REV. 1-15-21: REMOVED RET. WALL STA. 582+00 RT. & 582+50 RT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	84
PIH	2026	STP/NH-4(6)	101



S.R. 4
BEGIN STA. 582+00.00
END STA. 583+50.00

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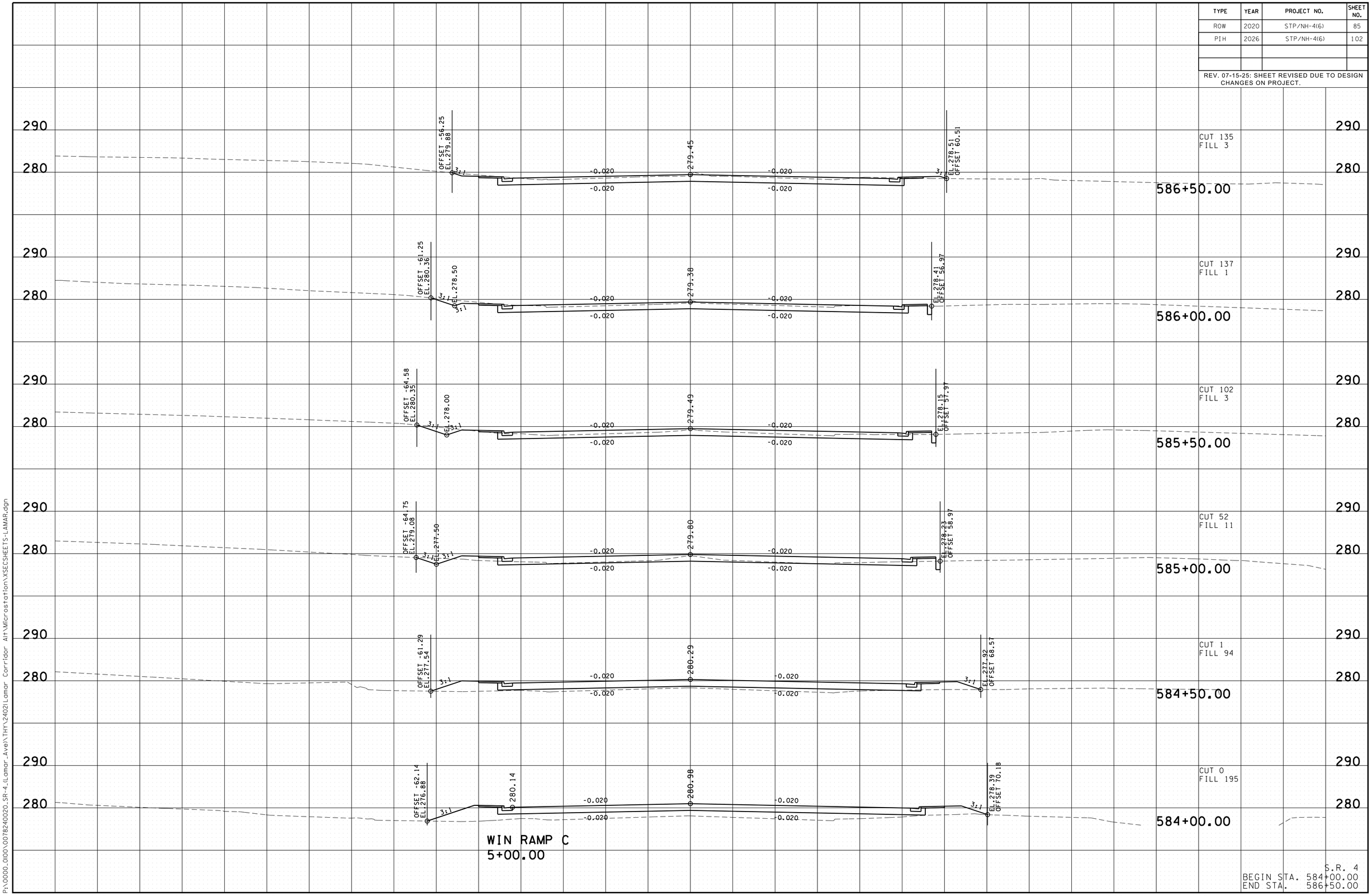
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	85
PIH	2026	STP/NH-4(6)	102

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 584+00.00
END STA. 586+50.00

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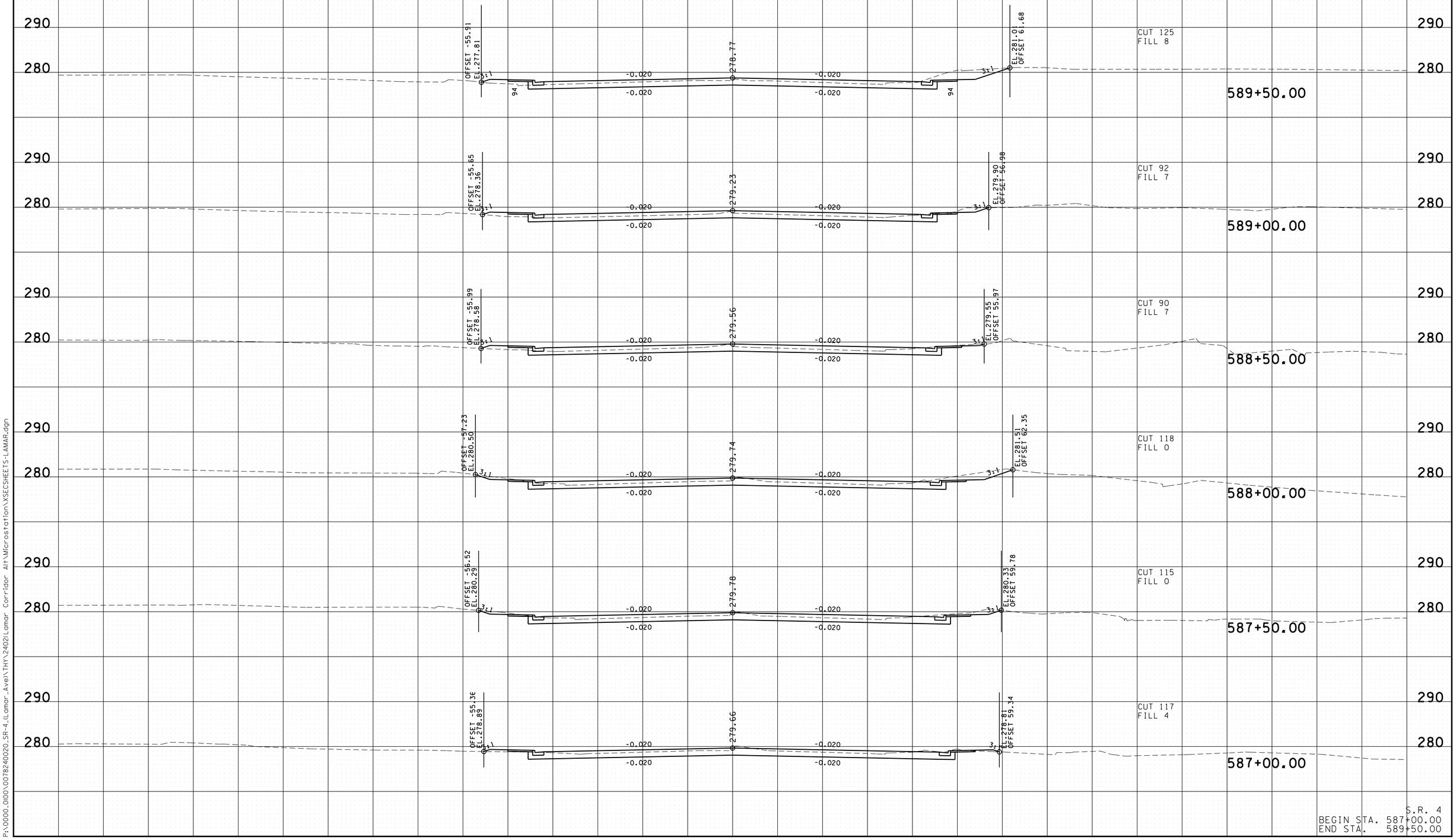
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	86
PIH	2026	STP/NH-4(6)	103

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 587+00.00
END STA. 589+50.00

3/10/2026 1:09:32 PM
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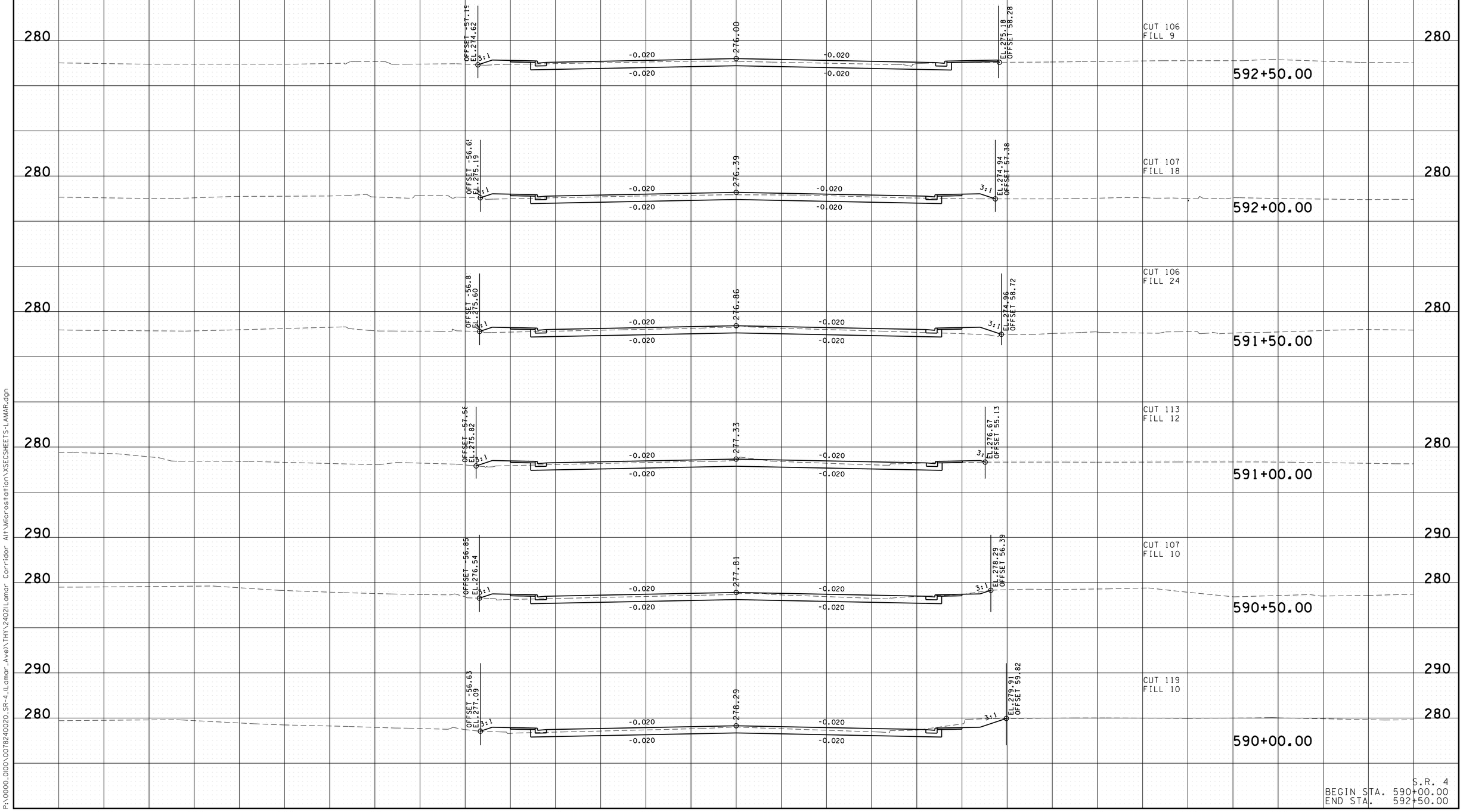
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	87
PIH	2026	STP/NH-4(6)	104

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 590+00.00
END STA. 592+50.00

3/10/2026 12:09:33 PM
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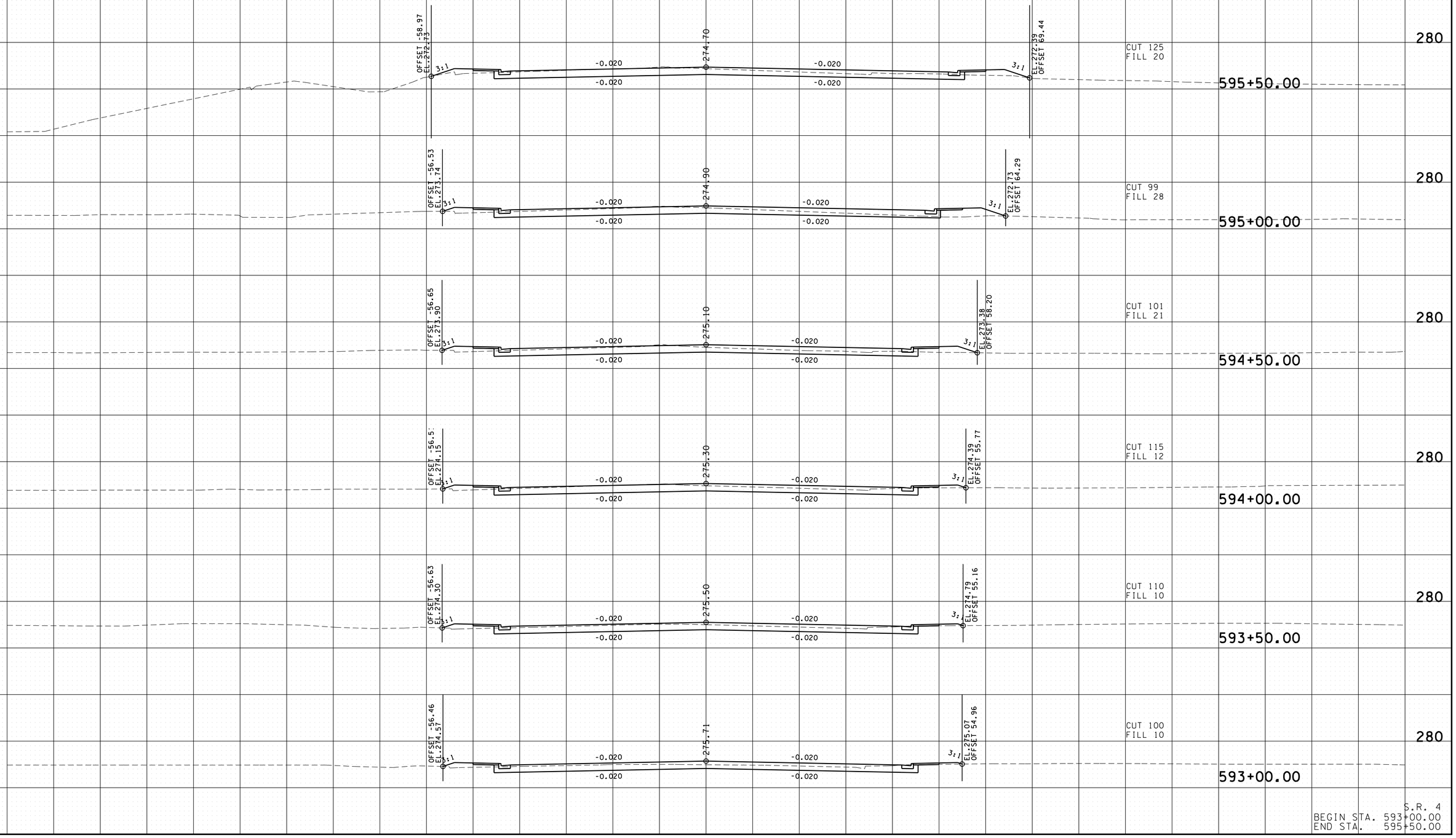
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	88
PIH	2026	STP/NH-4(6)	105

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 593+00.00
END STA. 595+50.00

3/10/2026 10:09:34 PM
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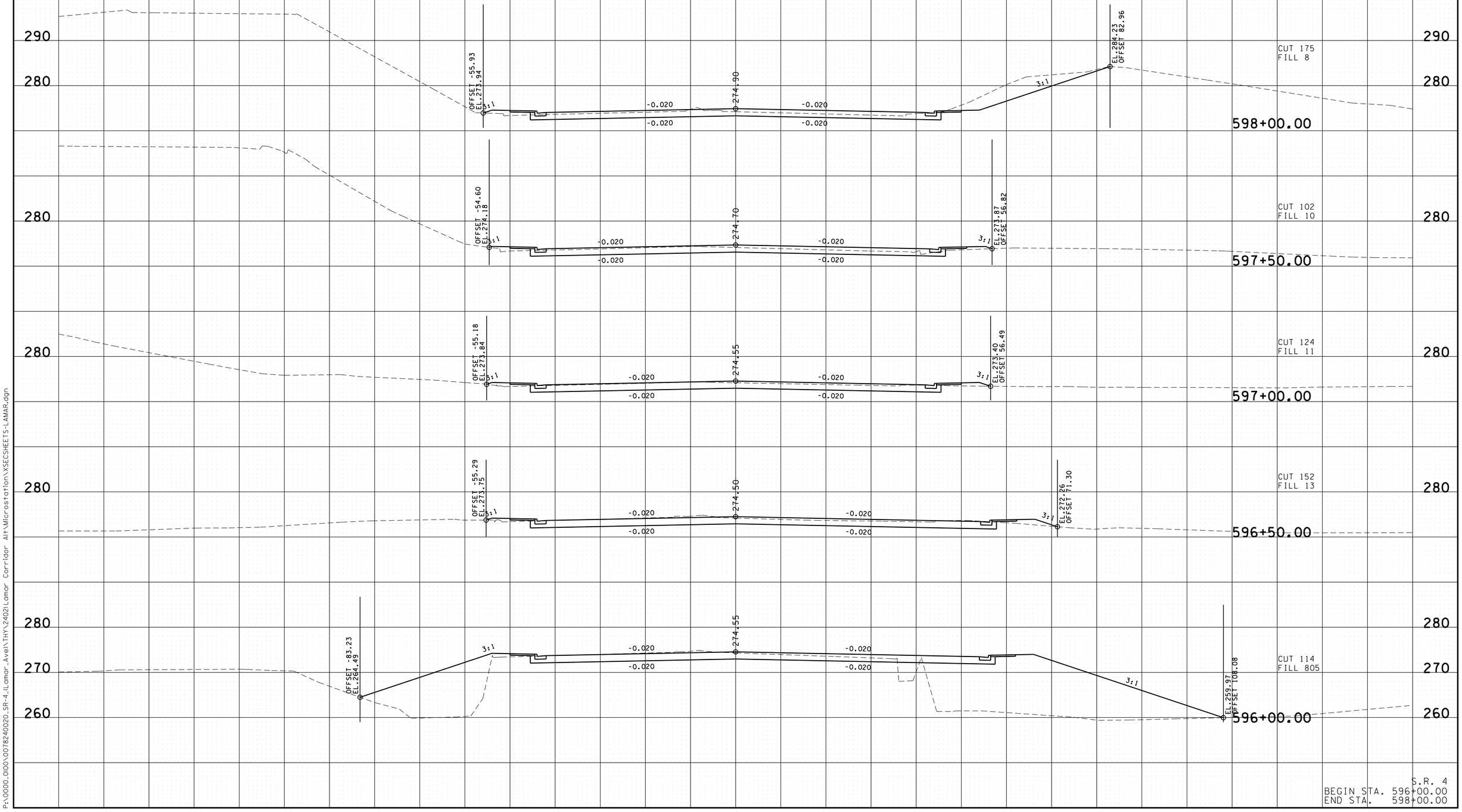
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	89
PIH	2026	STP/NH-4(6)	106

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 596+00.00
END STA. 598+00.00

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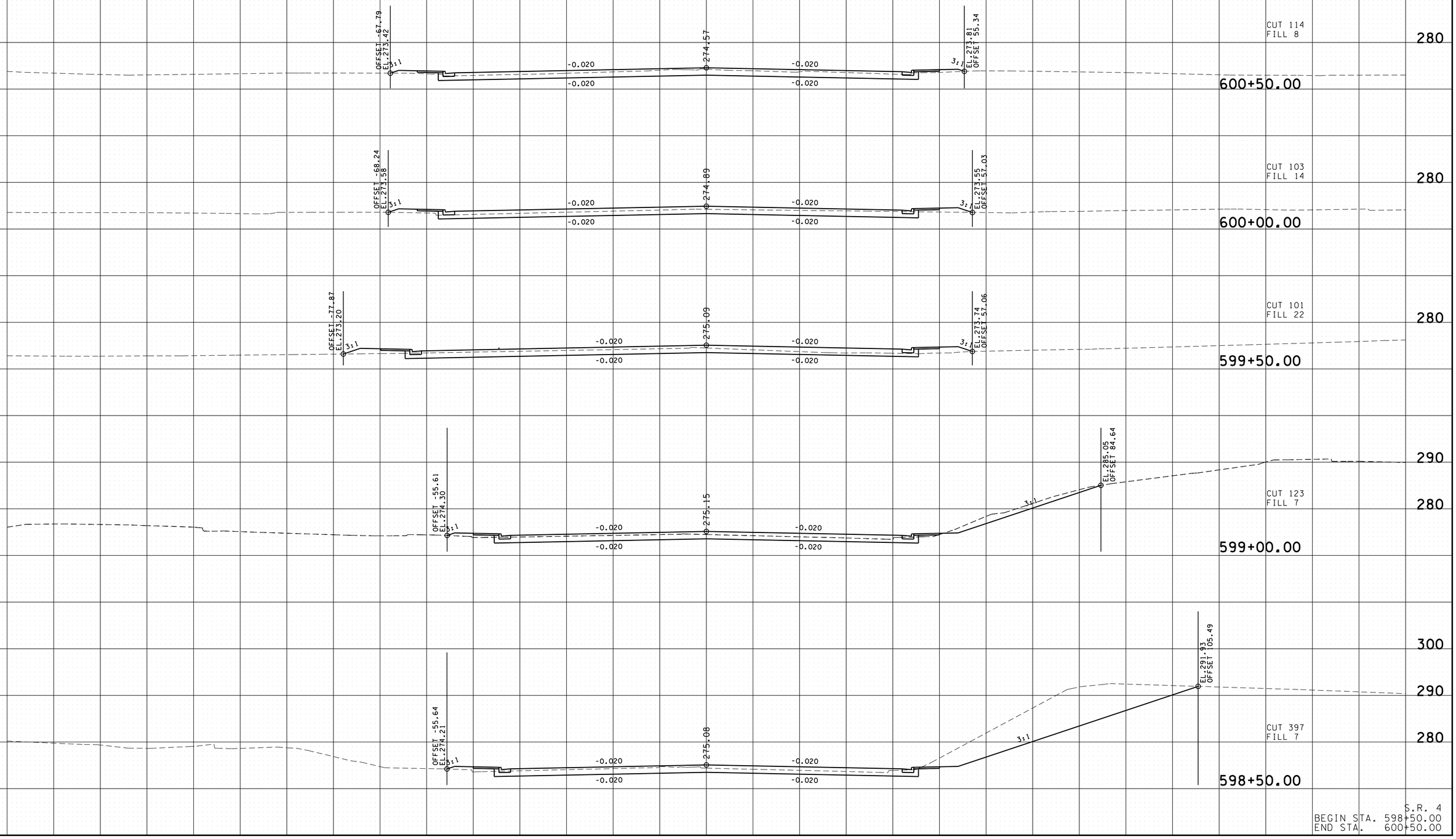
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	90
PIH	2026	STP/NH-4(6)	107

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



S.R. 4
BEGIN STA. 598+50.00
END STA. 600+50.00

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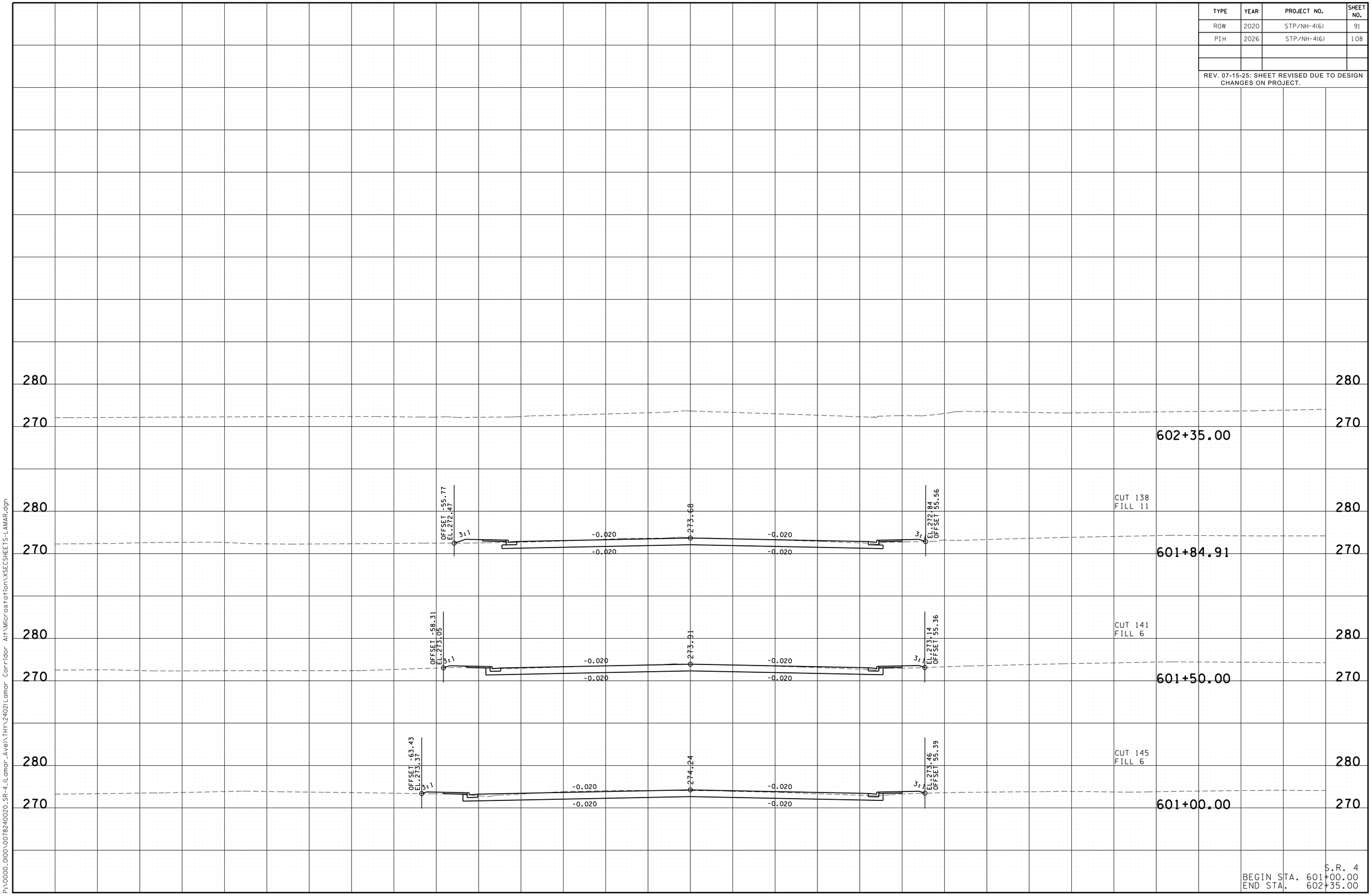
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	91
PIH	2026	STP/NH-4(6)	108

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

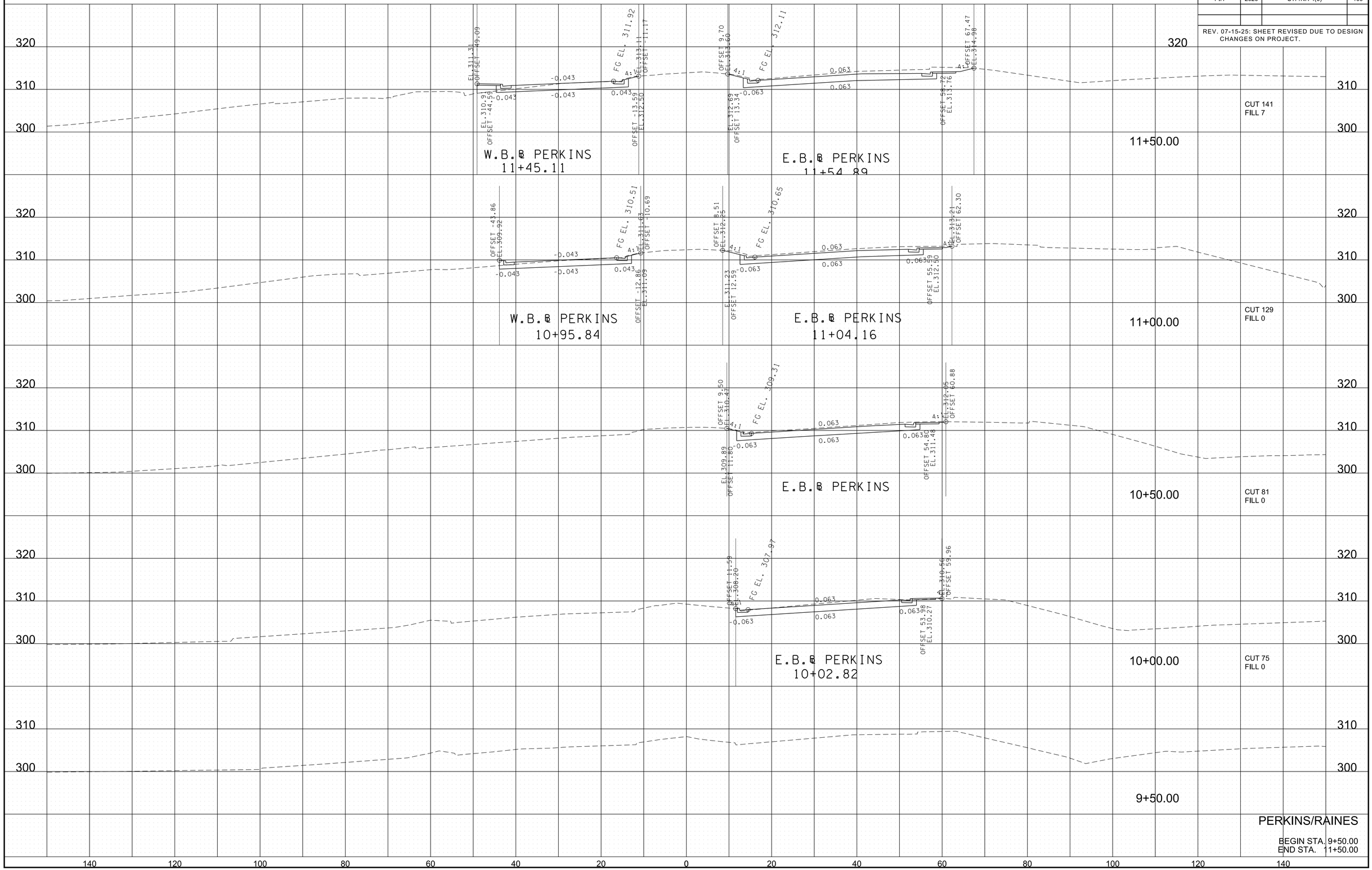


S.R. 4
BEGIN STA. 601+00.00
END STA. 602+35.00

3/10/2026 1:09:38 PM
P:\0000_0\00\0078240020_SR-4_(Lamar_Ave)\THY\2402\Lamar Corridor Alt\Microstation\XSECSHEETS-LAMAR.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	92
PIH	2026	STP/NH-4(6)	109

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PERKINS/RAINES

BEGIN STA. 9+50.00
END STA. 11+50.00

3/10/2026 1:03:08 PM
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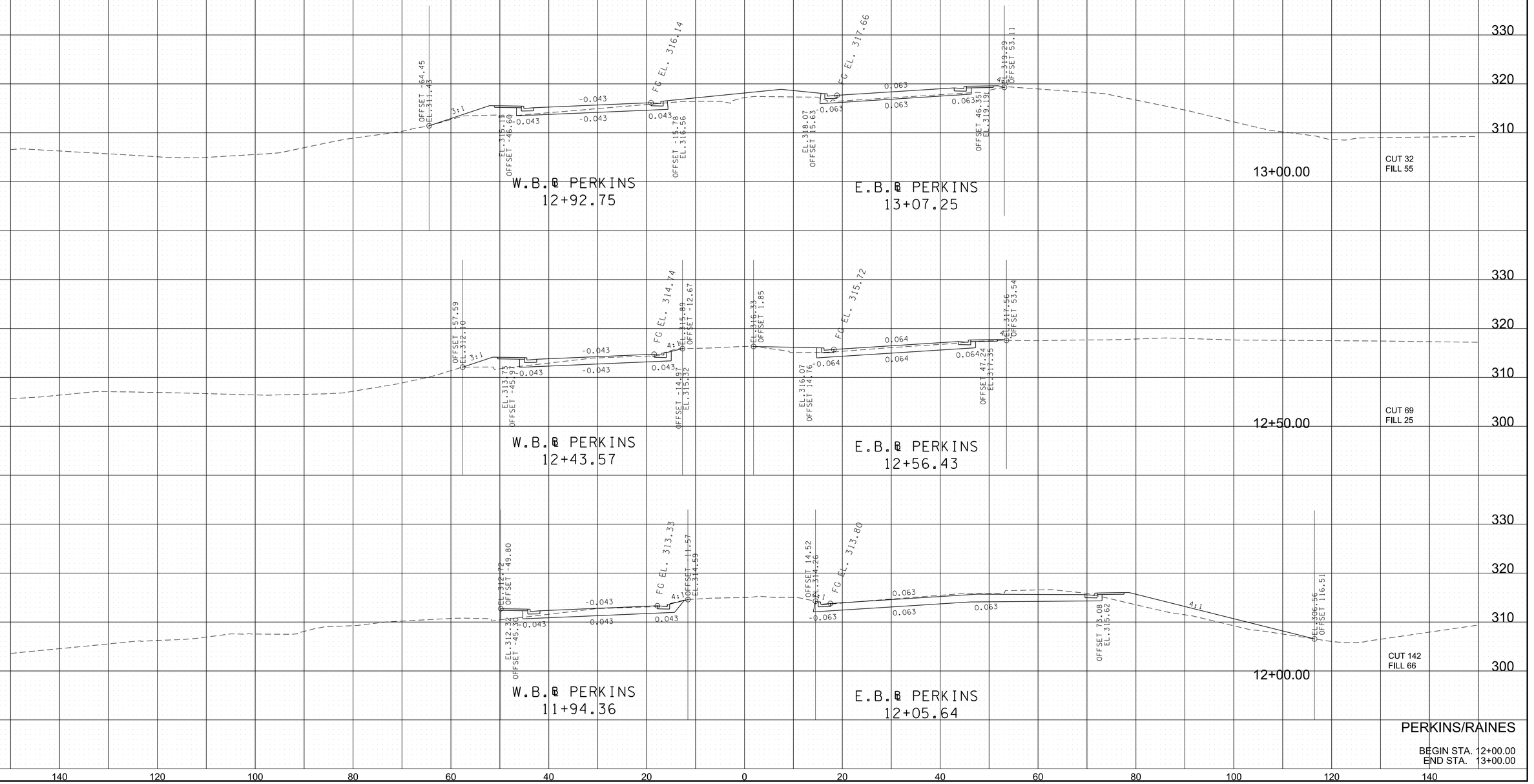
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	93
PIH	2026	STP/NH-4(6)	110

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



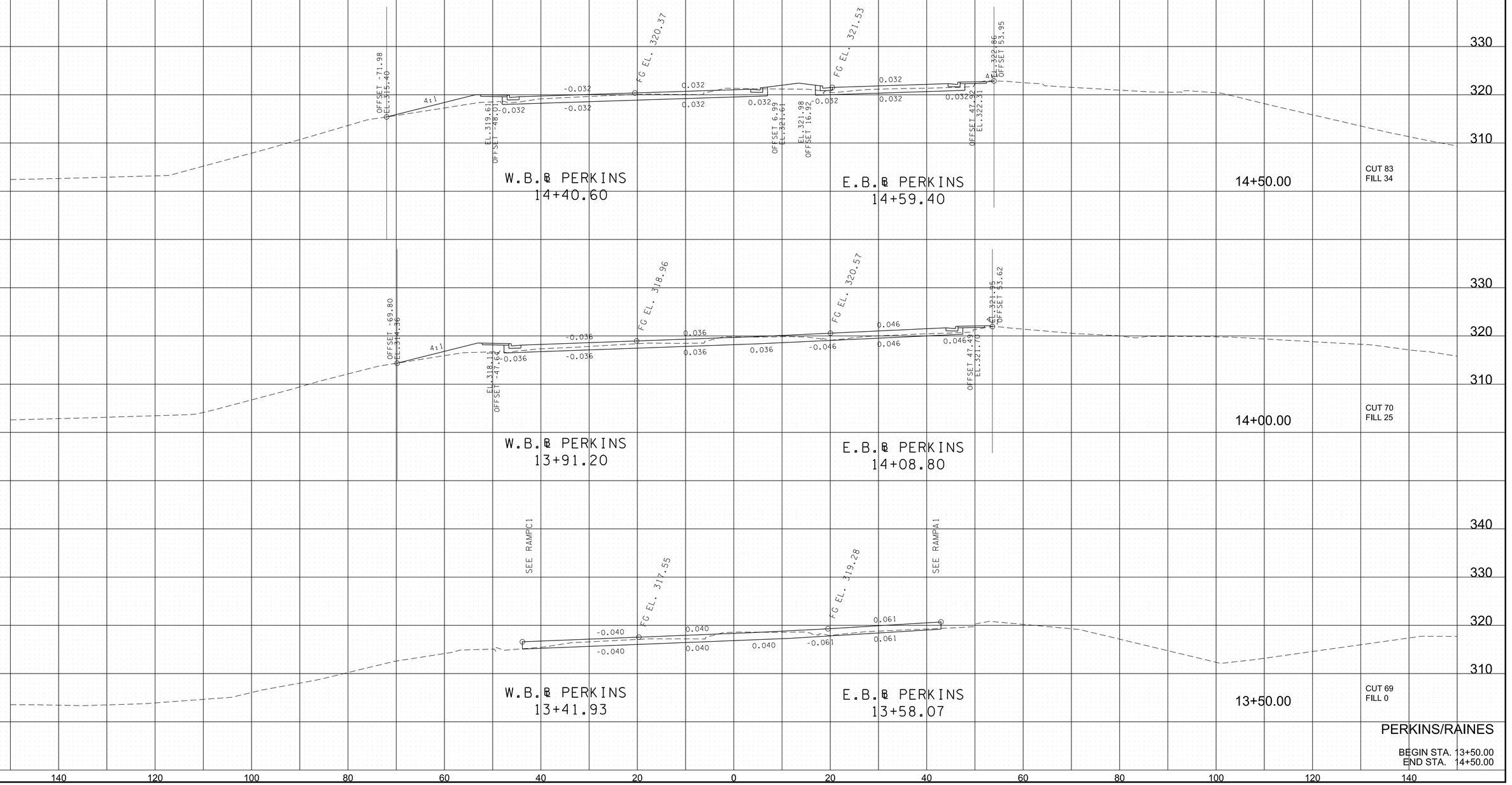
PERKINS/RAINES

BEGIN STA. 12+00.00
END STA. 13+00.00

3/10/2026 1:03:09 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor All\Microstation\XSECSHEETS-Perkins.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	94
PIH	2026	STP/NH-4(6)	111

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



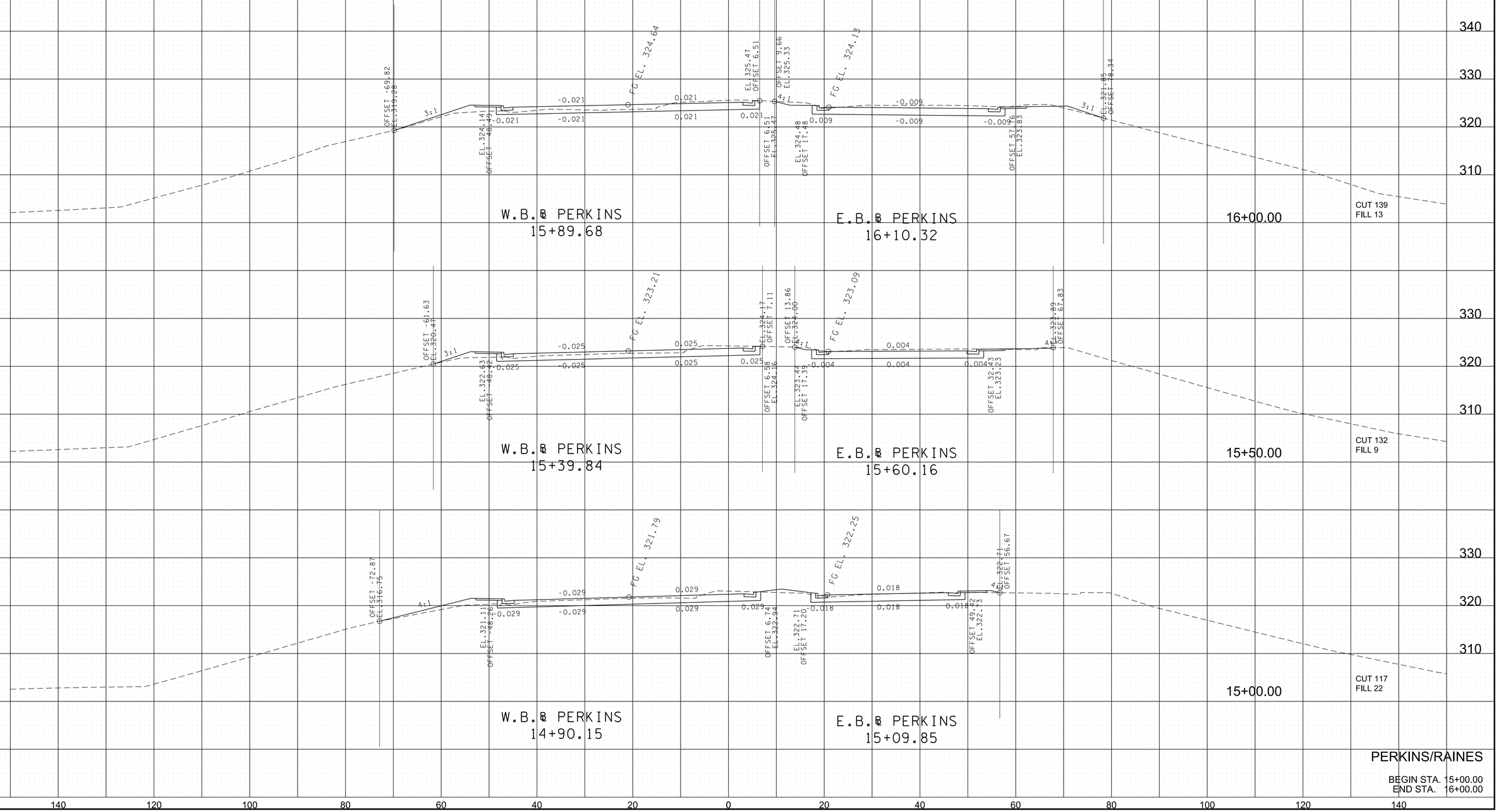
PERKINS/RAINES

BEGIN STA. 13+50.00
END STA. 14+50.00

3/10/2026 1:03:09 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	95
PIH	2026	STP/NH-4(6)	112

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PERKINS/RAINES

BEGIN STA. 15+00.00
END STA. 16+00.00

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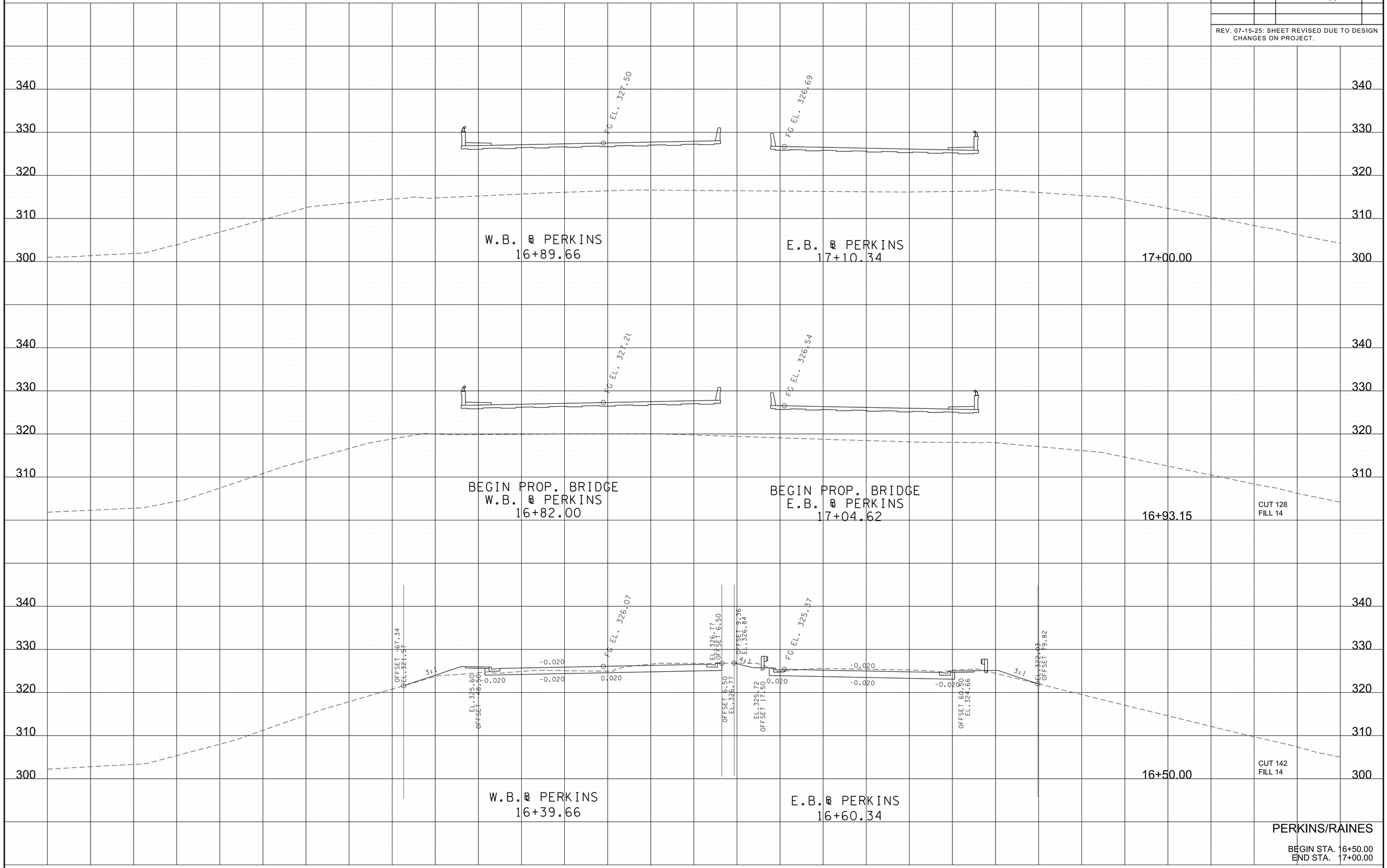
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	96
PIH	2026	STP/NH-4(6)	113

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PERKINS/RAINES

BEGIN STA. 16+50.00
END STA. 17+00.00

3/10/2026 1:03:11 PM
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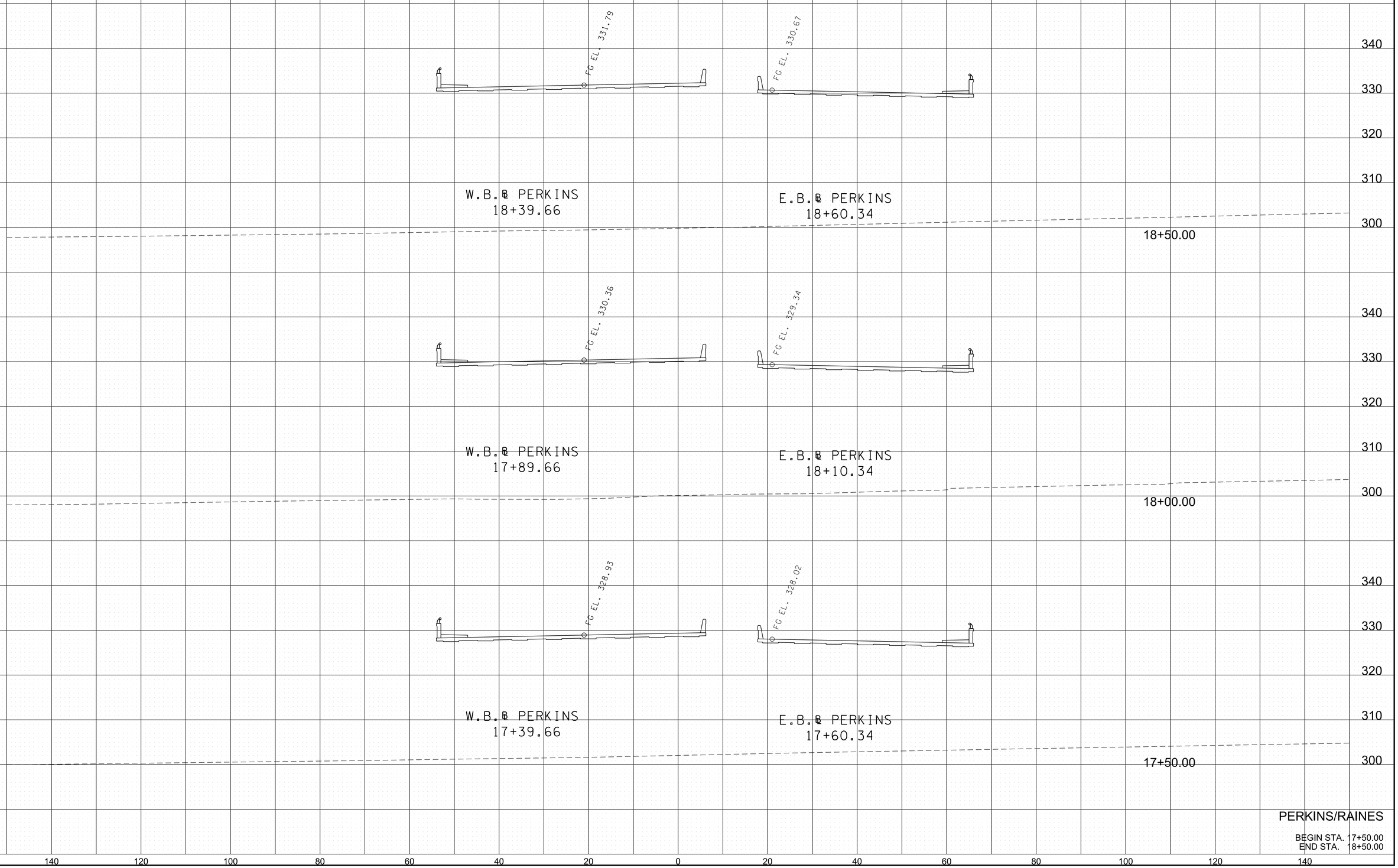
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	97
PIH	2026	STP/NH-4(6)	114

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PERKINS/RAINES

BEGIN STA. 17+50.00
END STA. 18+50.00

3/10/2026 1:03:12 PM
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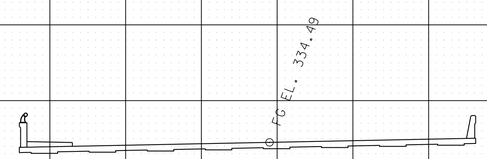
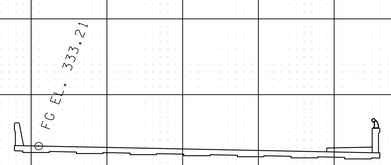
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	98
PIH	2026	STP/NH-4(6)	115

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

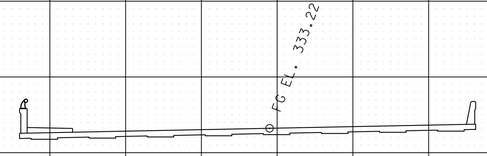


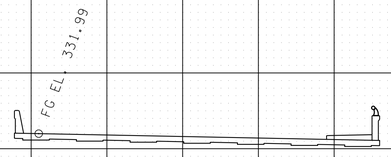


END PROP. BRIDGE
W.B.℄ PERKINS
19+34.00

END PROP. BRIDGE
E.B.℄ PERKINS
19+56.62

19+45.16





W.B.℄ PERKINS
18+89.66

E.B.℄ PERKINS
19+10.34

19+00.00

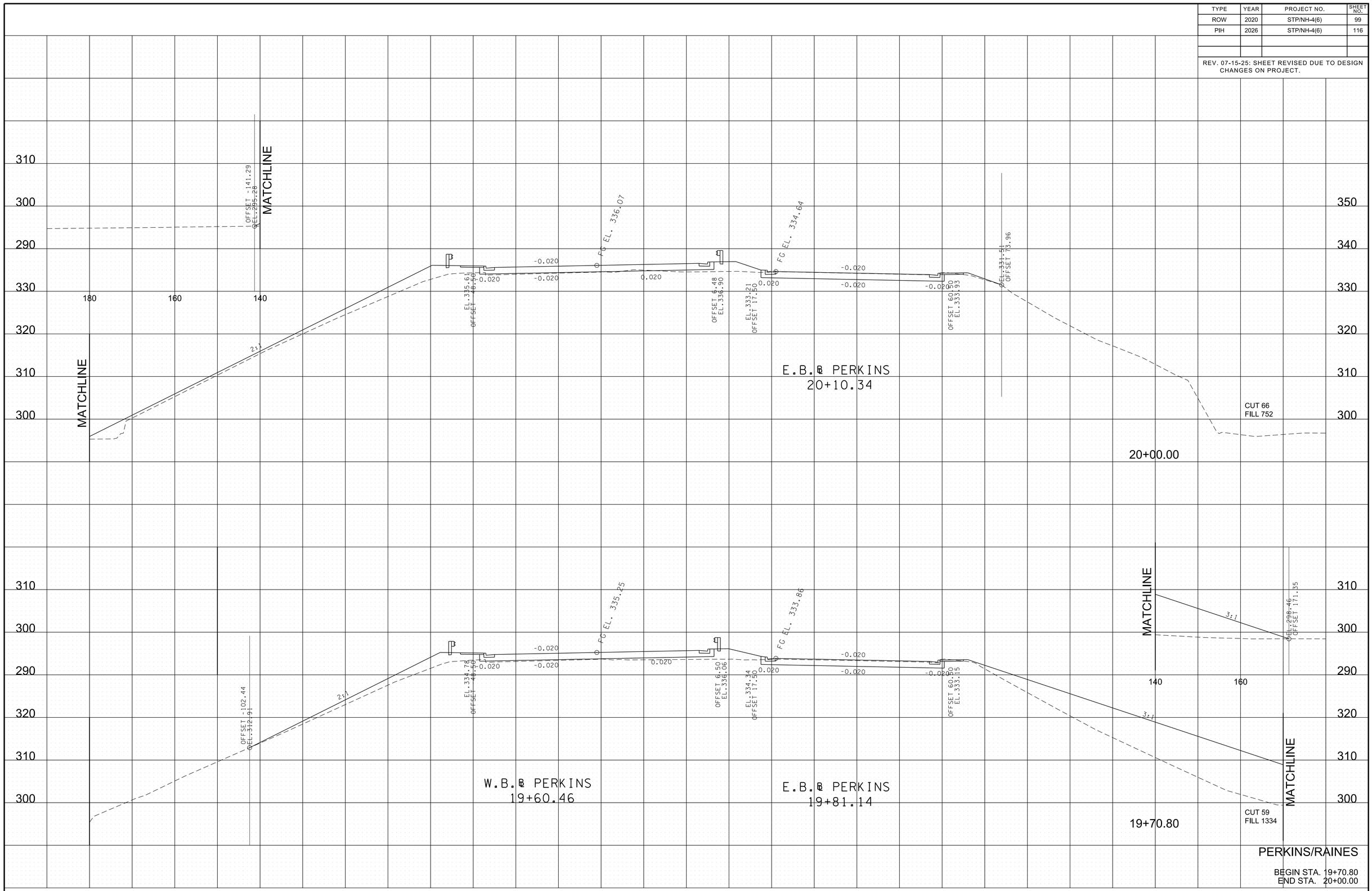
PERKINS/RAINES

BEGIN STA. 19+00.00
END STA. 19+50.00

3/10/2026 1:03:12 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	99
PIH	2026	STP/NH-4(6)	116

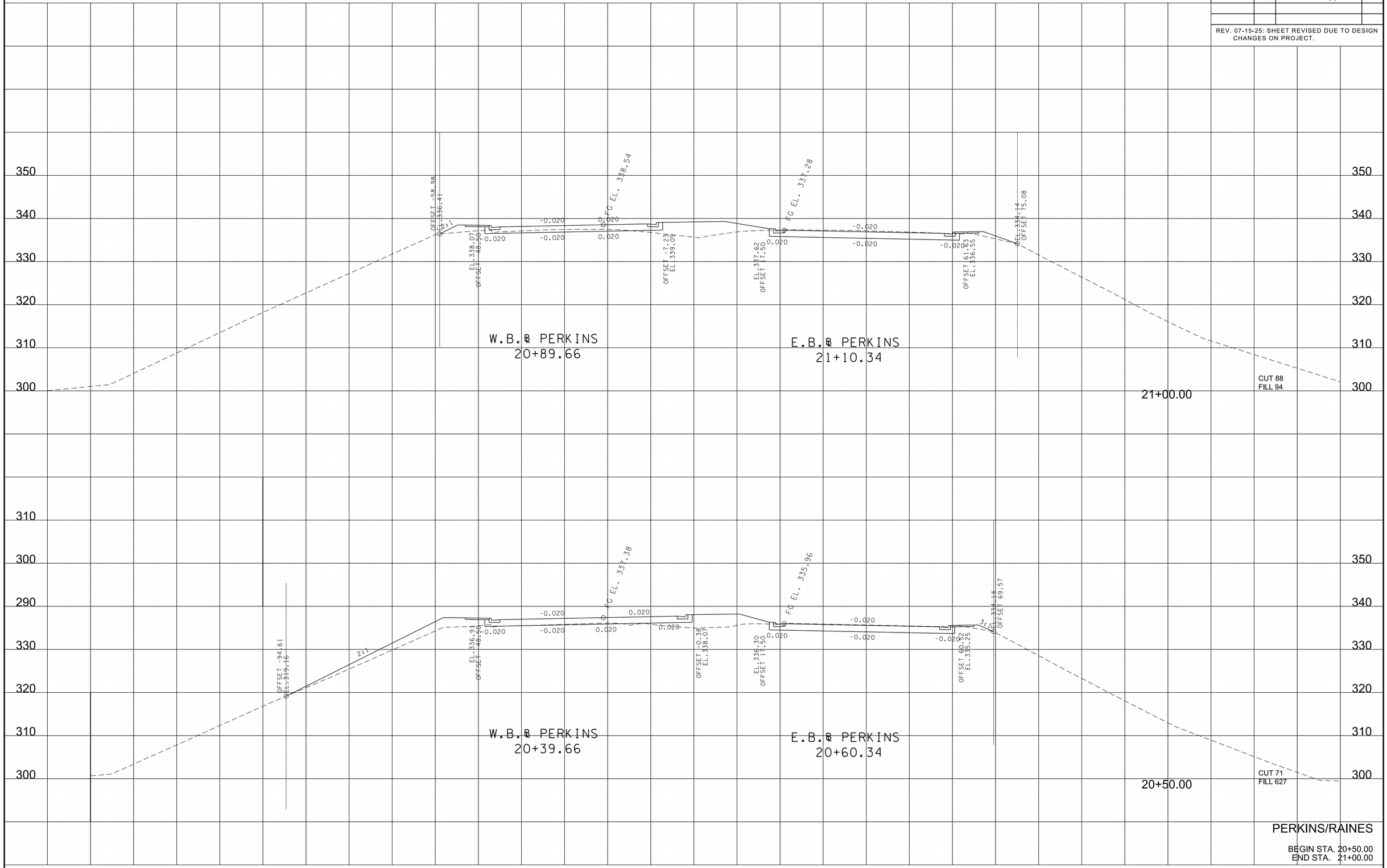
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:13 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	100
PIH	2026	STP/NH-4(6)	117

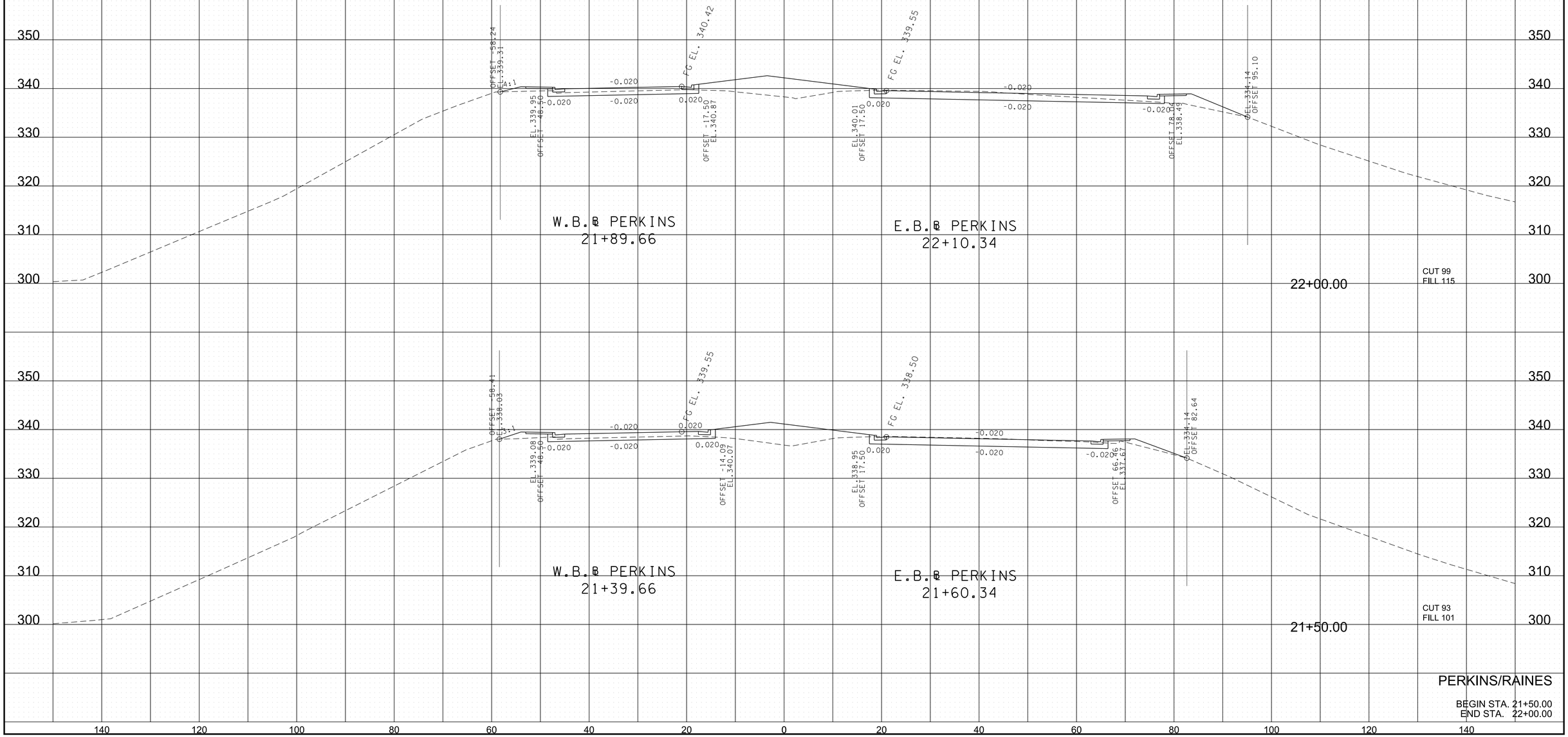
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:14 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	101
PIH	2026	STP/NH-4(6)	118

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PERKINS/RAINES

BEGIN STA. 21+50.00
END STA. 22+00.00

3/10/2026 1:03:15 PM
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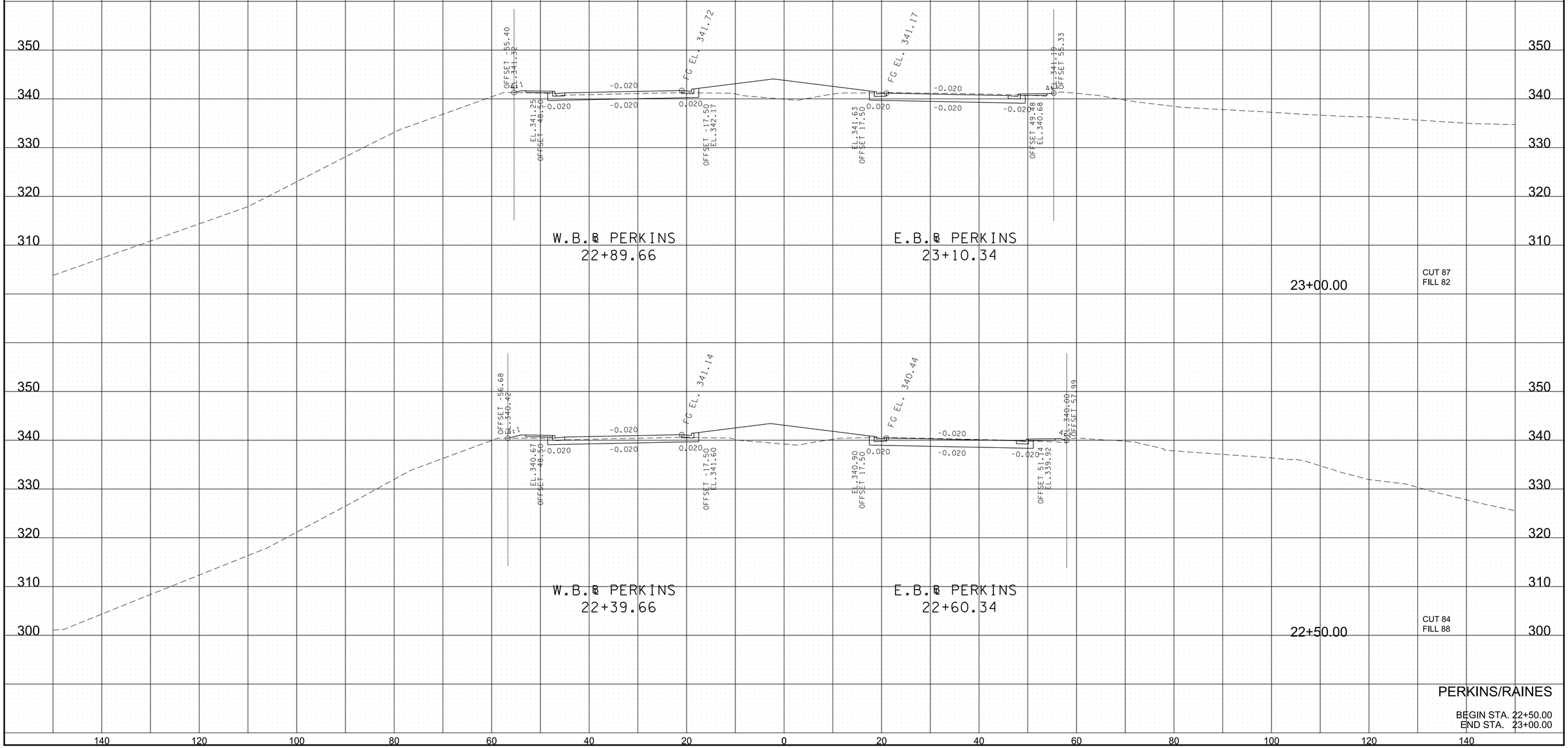
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	102
PIH	2026	STP/NH-4(6)	119

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PERKINS/RAINES

BEGIN STA. 22+50.00
END STA. 23+00.00

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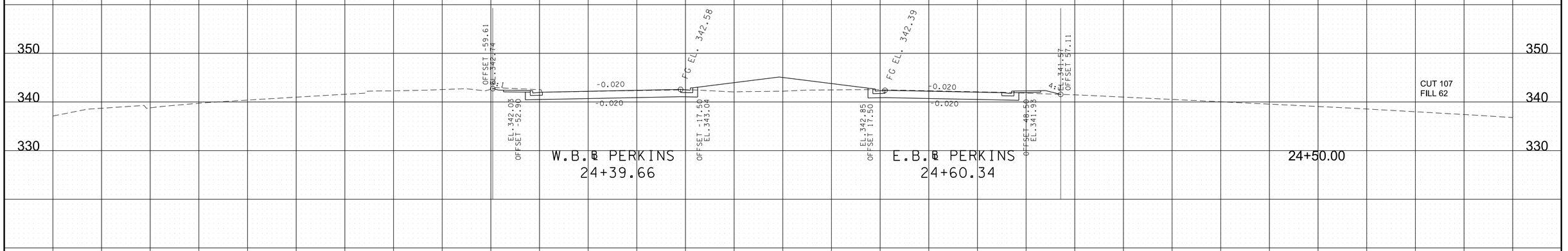
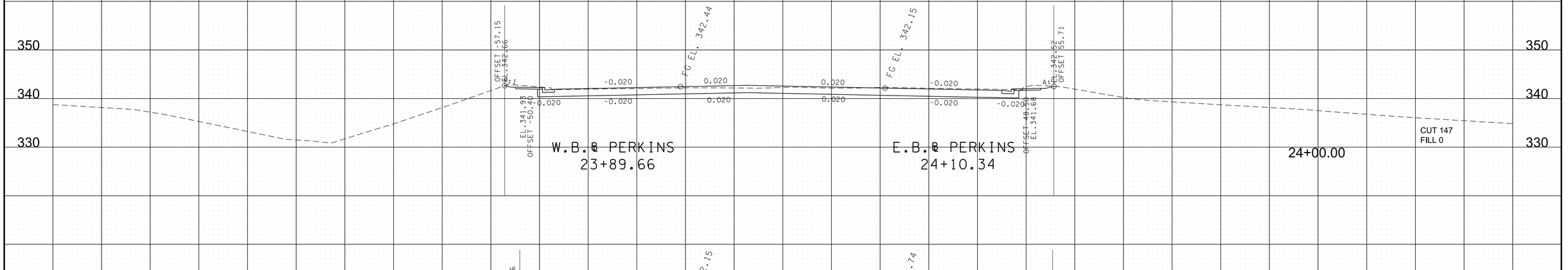
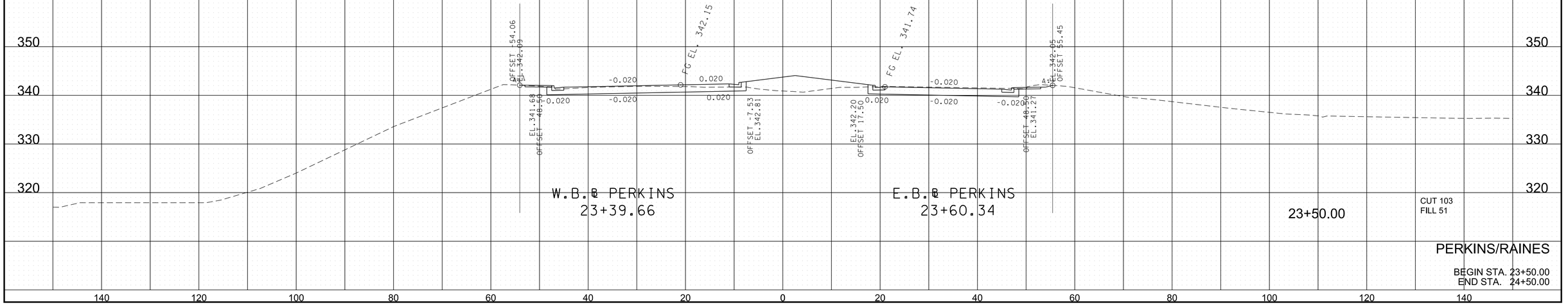
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	103
PIH	2026	STP/NH-4(6)	120

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.







PERKINS/RAINES

BEGIN STA. 23+50.00
END STA. 24+50.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

3/10/2026 1:03:16 PM
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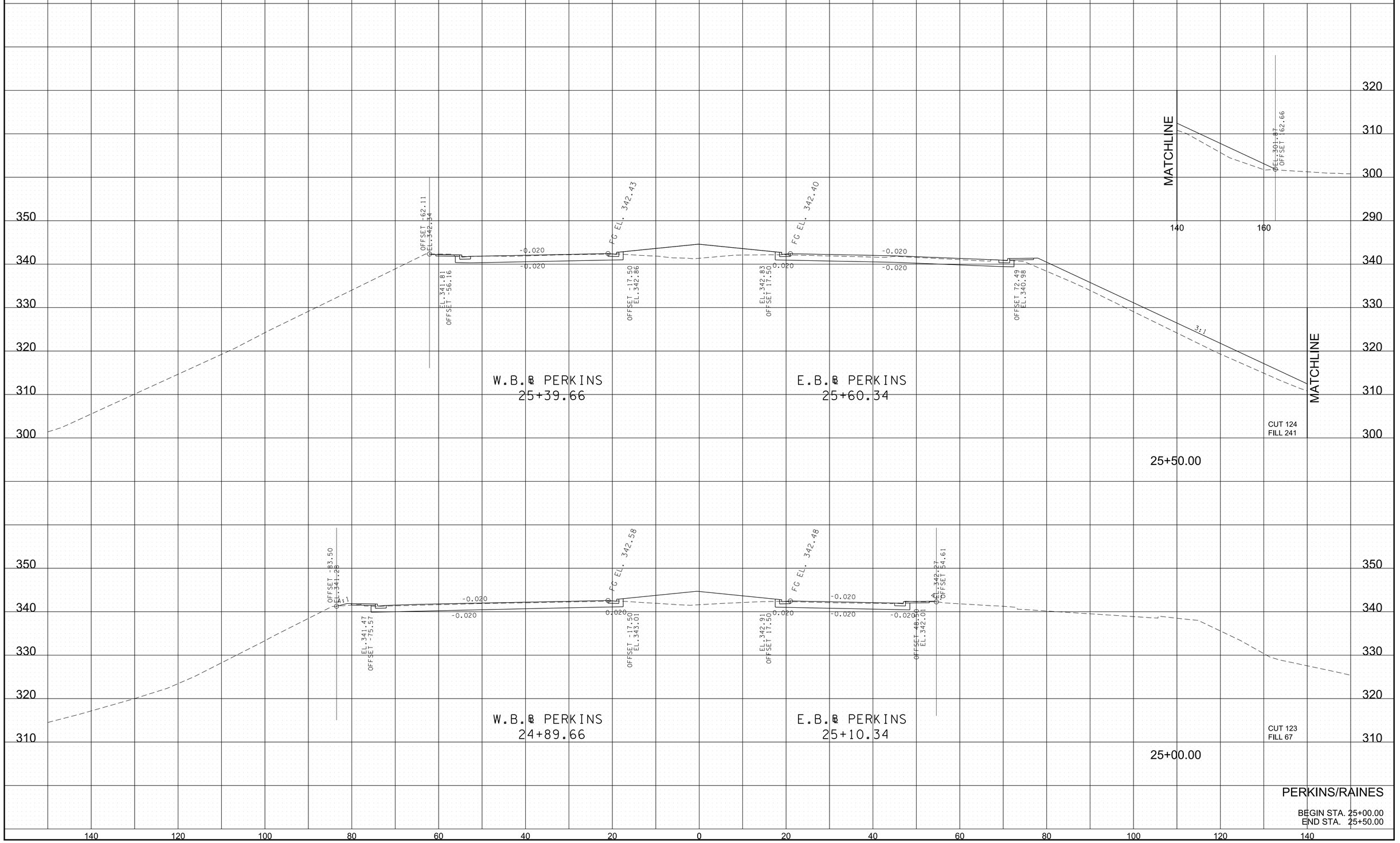
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	104
PIH	2026	STP/NH-4(6)	121

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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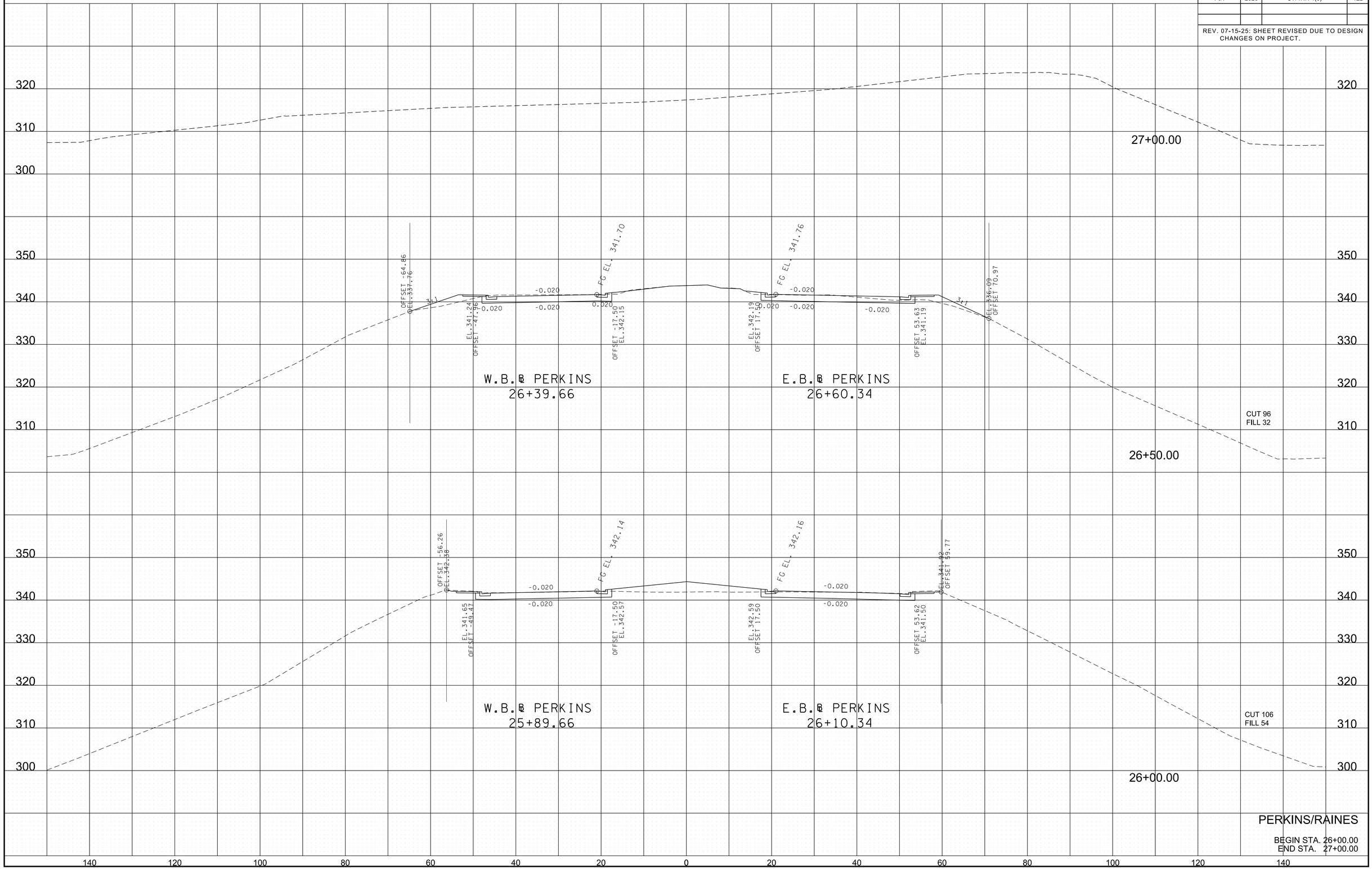
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	105
PIH	2026	STP/NH-4(6)	122

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PERKINS/RAINES

BEGIN STA. 26+00.00
END STA. 27+00.00

3/10/2026 1:03:18 PM
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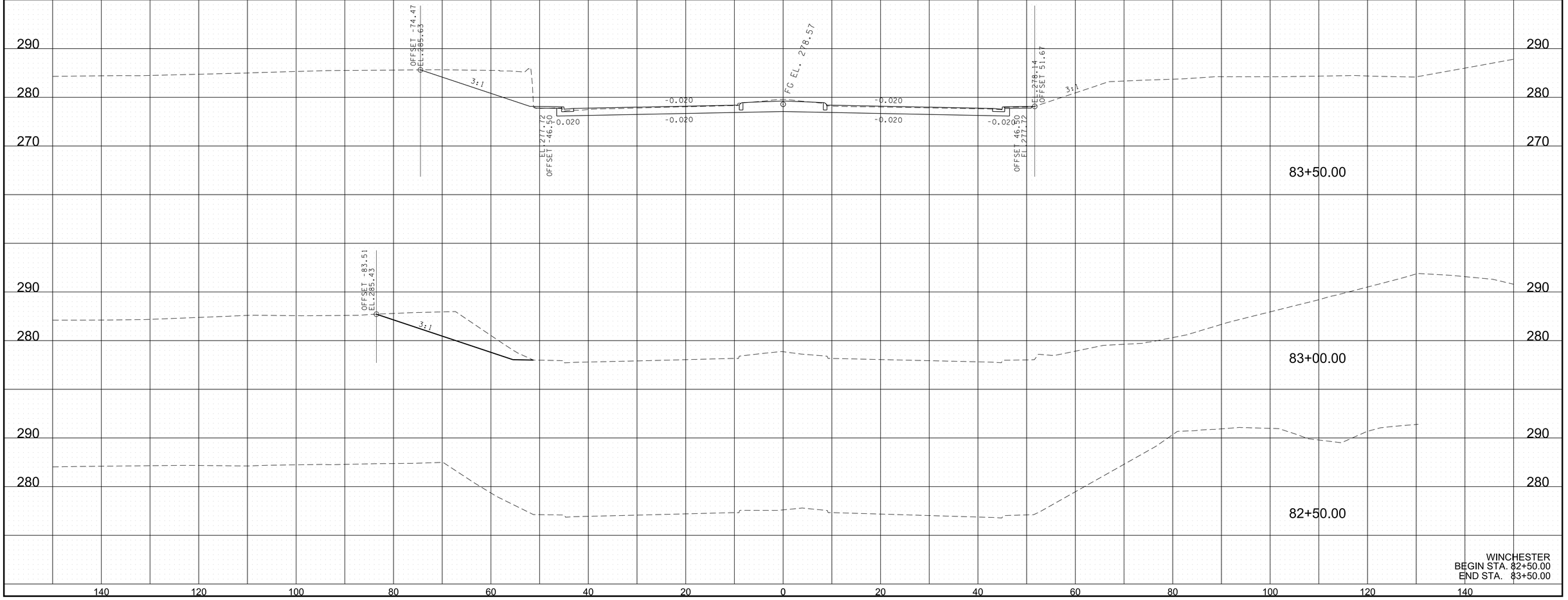
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	106
PIH	2026	STP/NH-4(6)	123

REV. 1-15-21. ADDED SHEET 99A.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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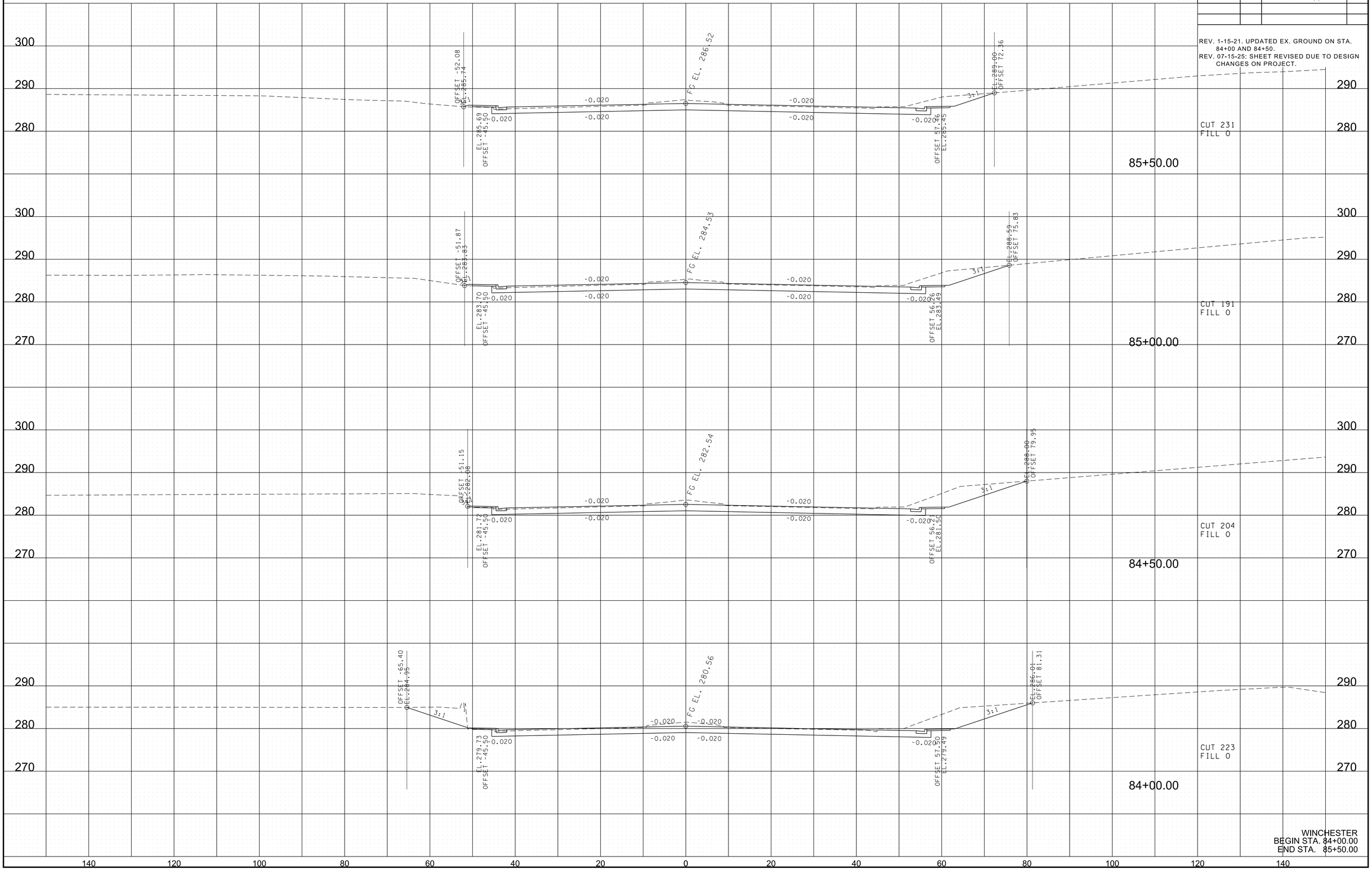
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	107
PIH	2026	STP/NH-4(6)	124

REV. 1-15-21. UPDATED EX. GROUND ON STA. 84+00 AND 84+50.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



WINCHESTER
BEGIN STA. 84+00.00
END STA. 85+50.00

3/10/2026 1:03:19 PM
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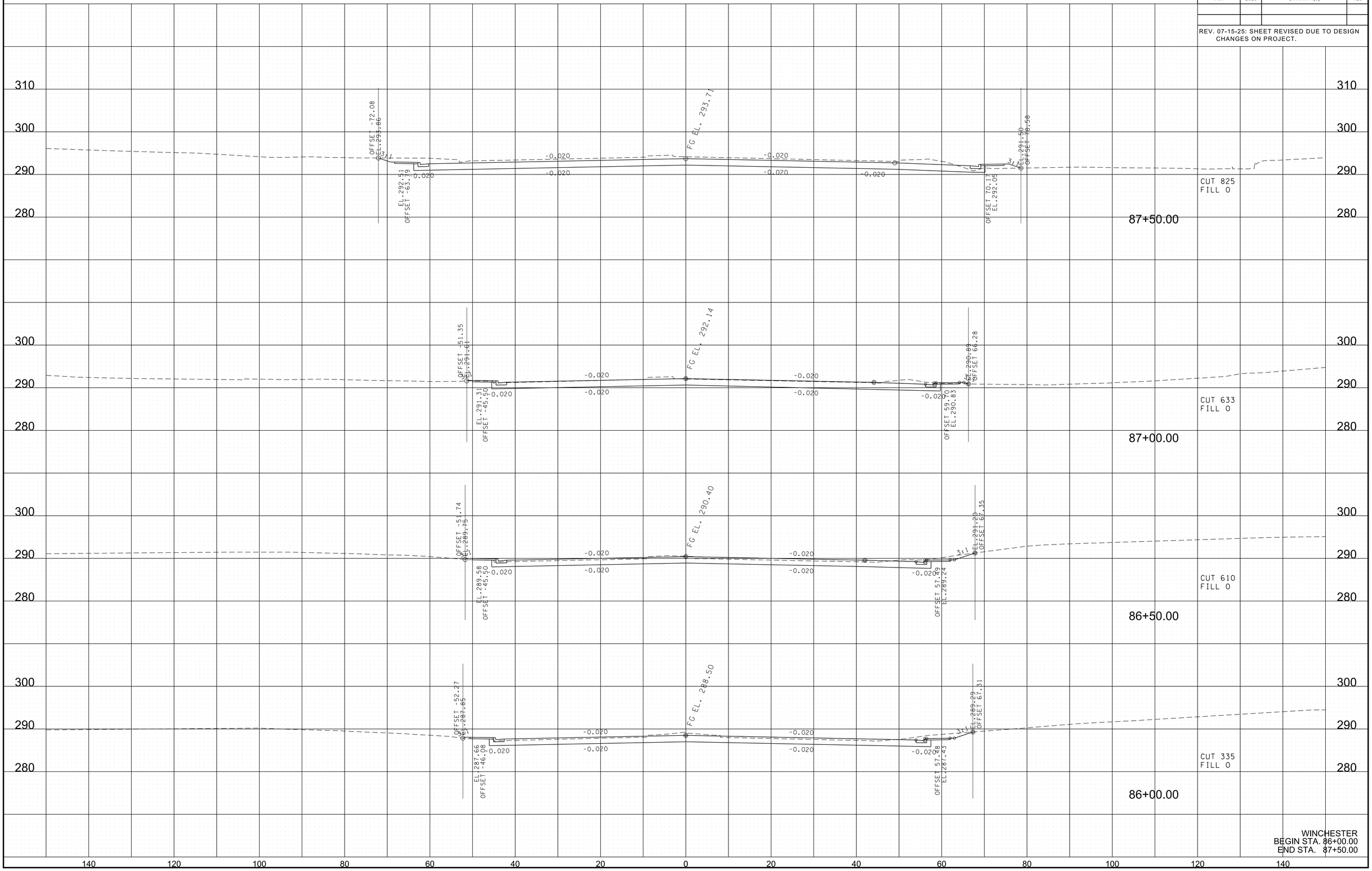
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	108
PIH	2026	STP/NH-4(6)	125

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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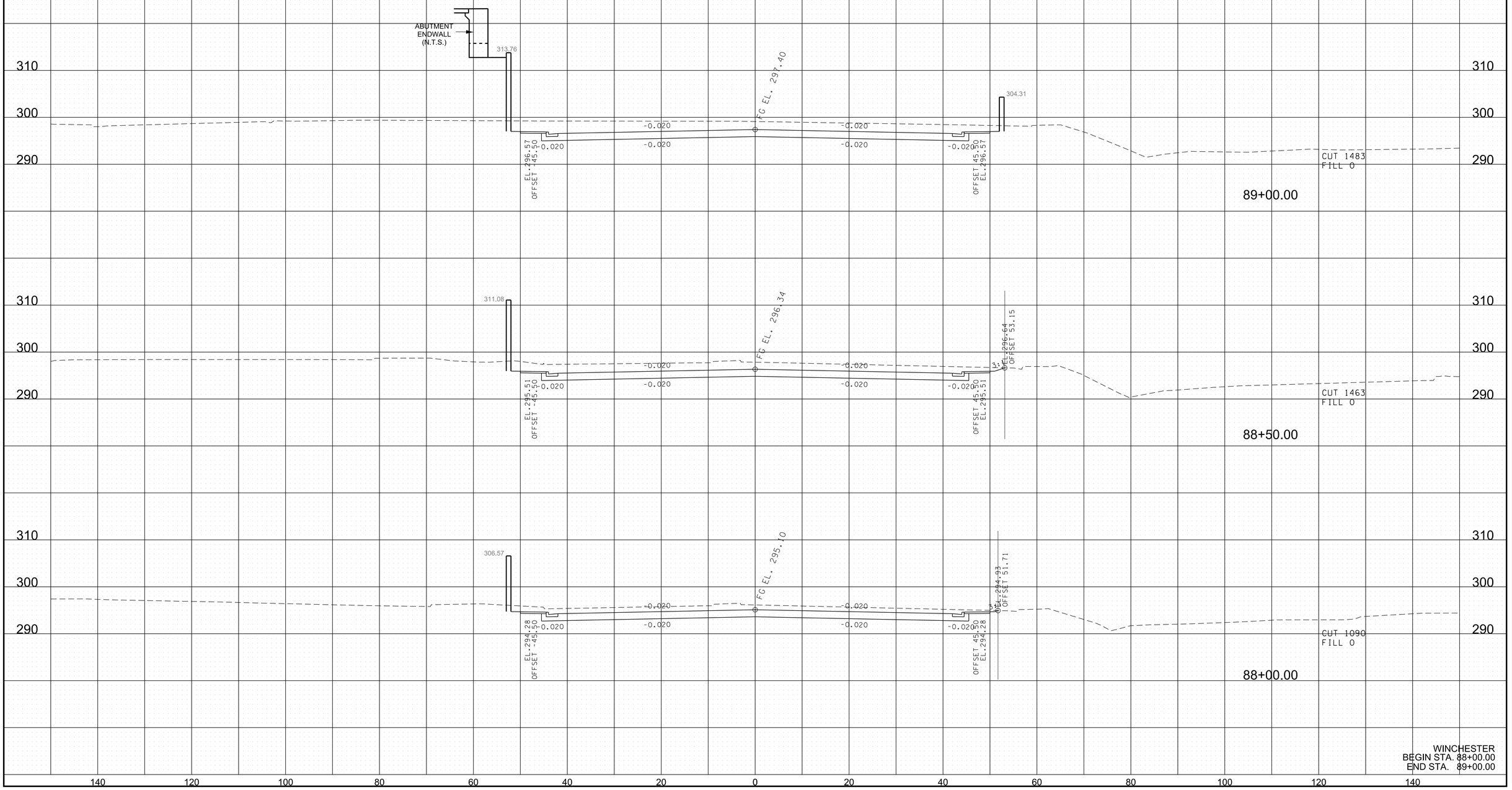
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	109
PIH	2026	STP/NH-4(6)	126

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED RET. WALLS.



WINCHESTER
BEGIN STA. 88+00.00
END STA. 89+00.00

3/10/2026 1:03:21 PM
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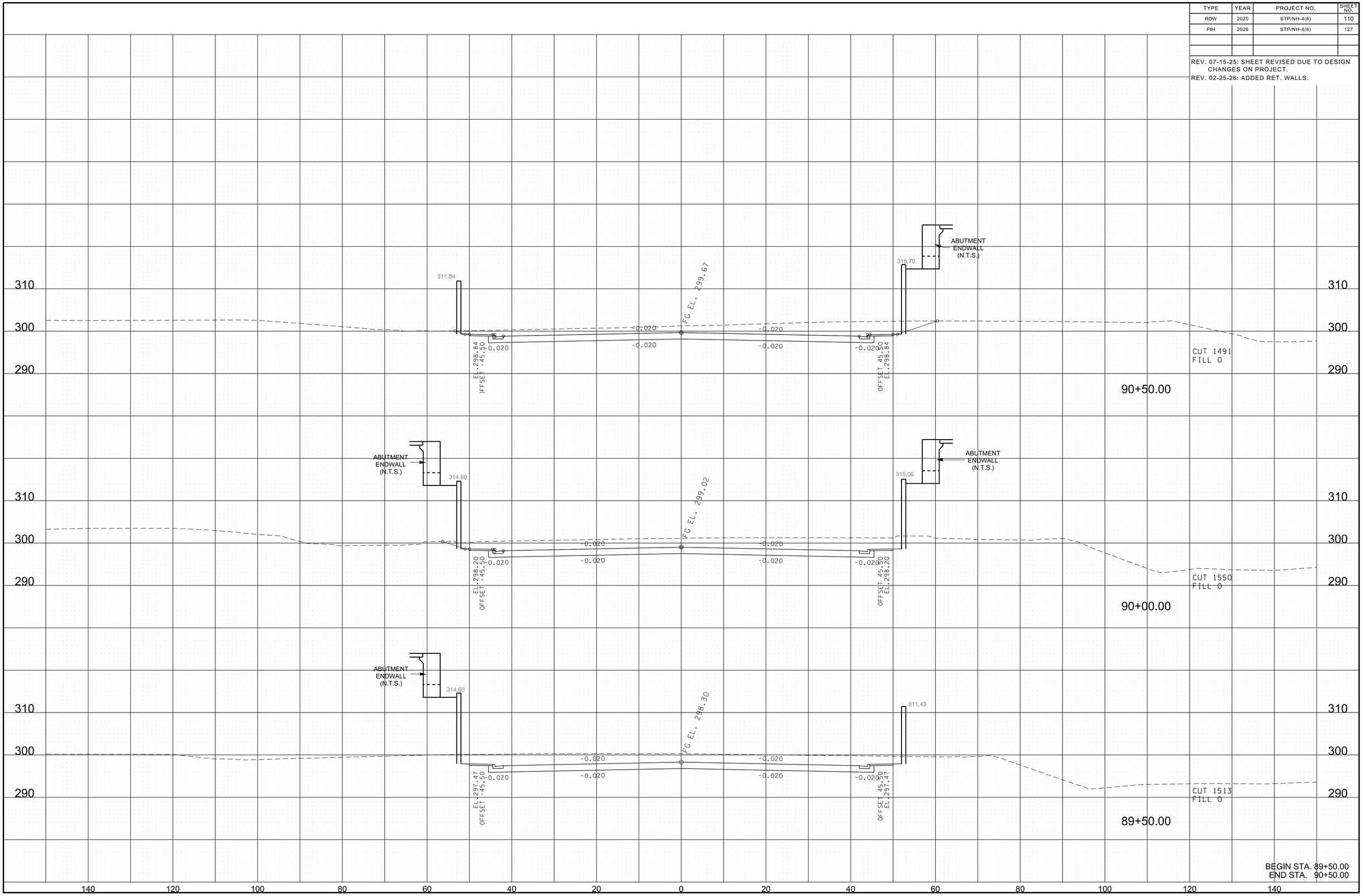
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	110
PIH	2026	STP/NH-4(6)	127

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED RET. WALLS.



BEGIN STA. 89+50.00
END STA. 90+50.00

3/10/2026 1:03:22 PM
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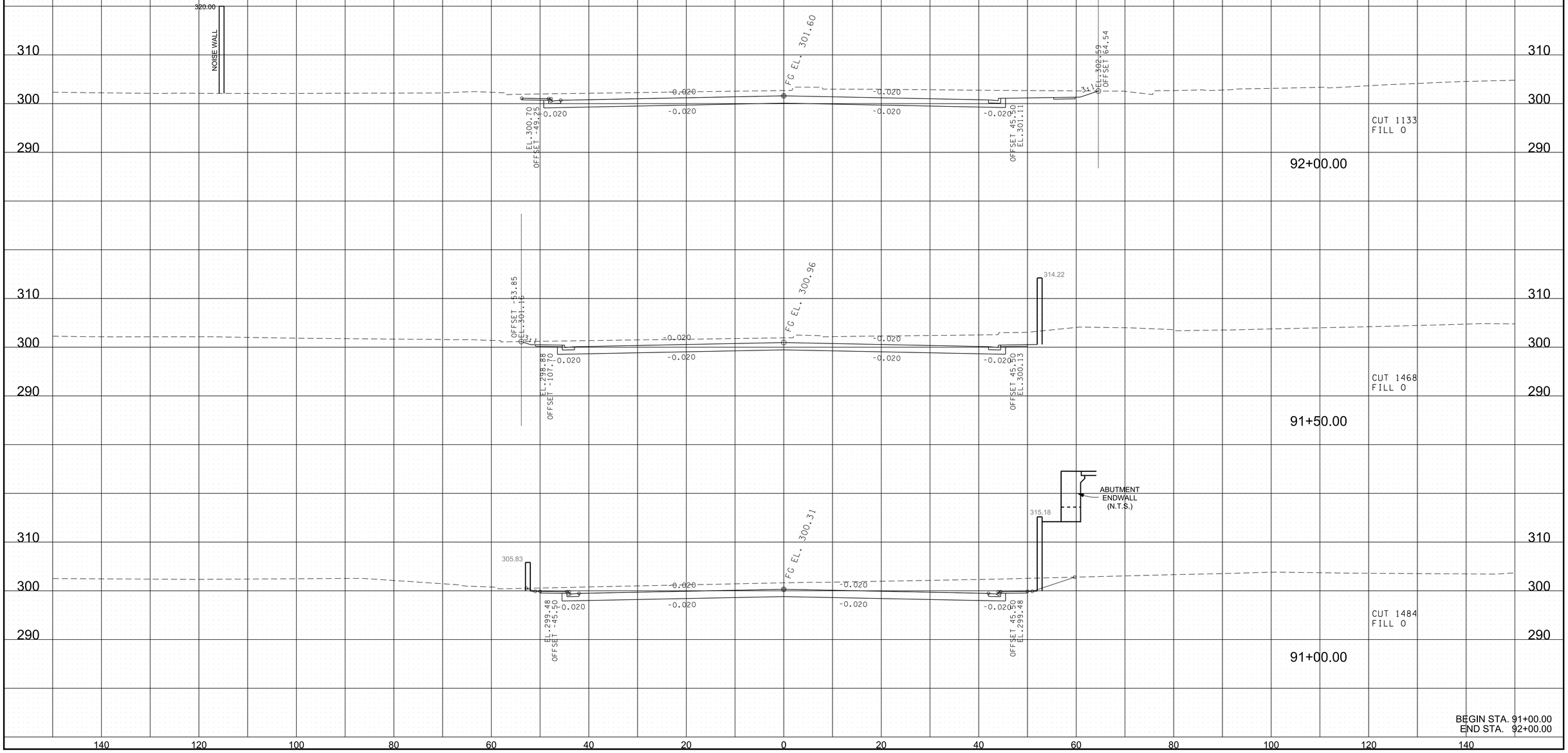
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	111
PIH	2026	STP/NH-4(6)	128

REV. 11-29-21 ADDED NOISE WALL FROM STA. 92+00LT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED RET. WALLS & REVISED NOISE WALL.



3/10/2026 1:03:22 PM
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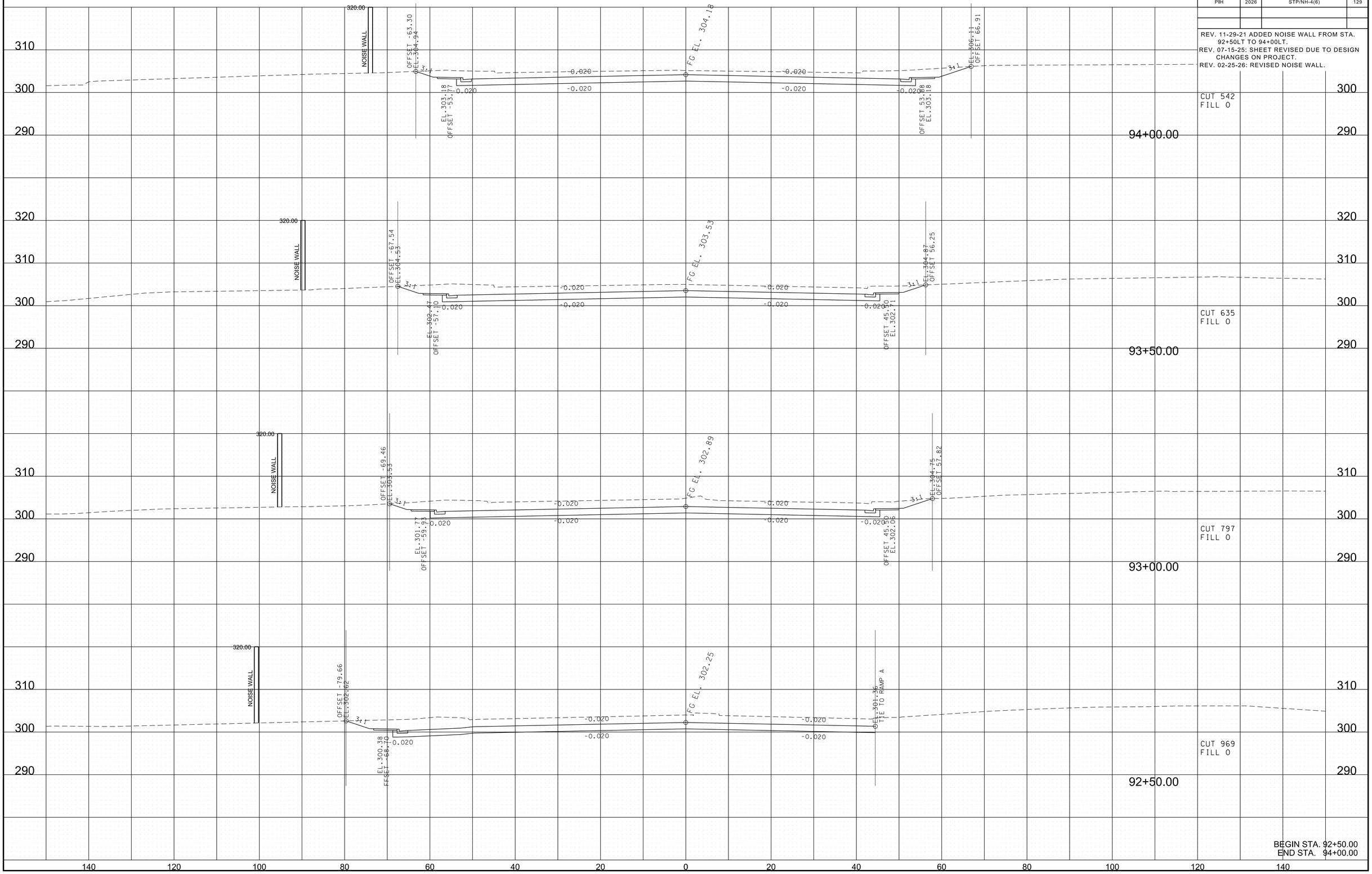
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	112
PIH	2026	STP/NH-4(6)	129

REV. 11-29-21 ADDED NOISE WALL FROM STA. 92+50LT TO 94+00LT.
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: REVISED NOISE WALL.



BEGIN STA. 92+50.00
END STA. 94+00.00

3/10/2026 1:03:23 PM
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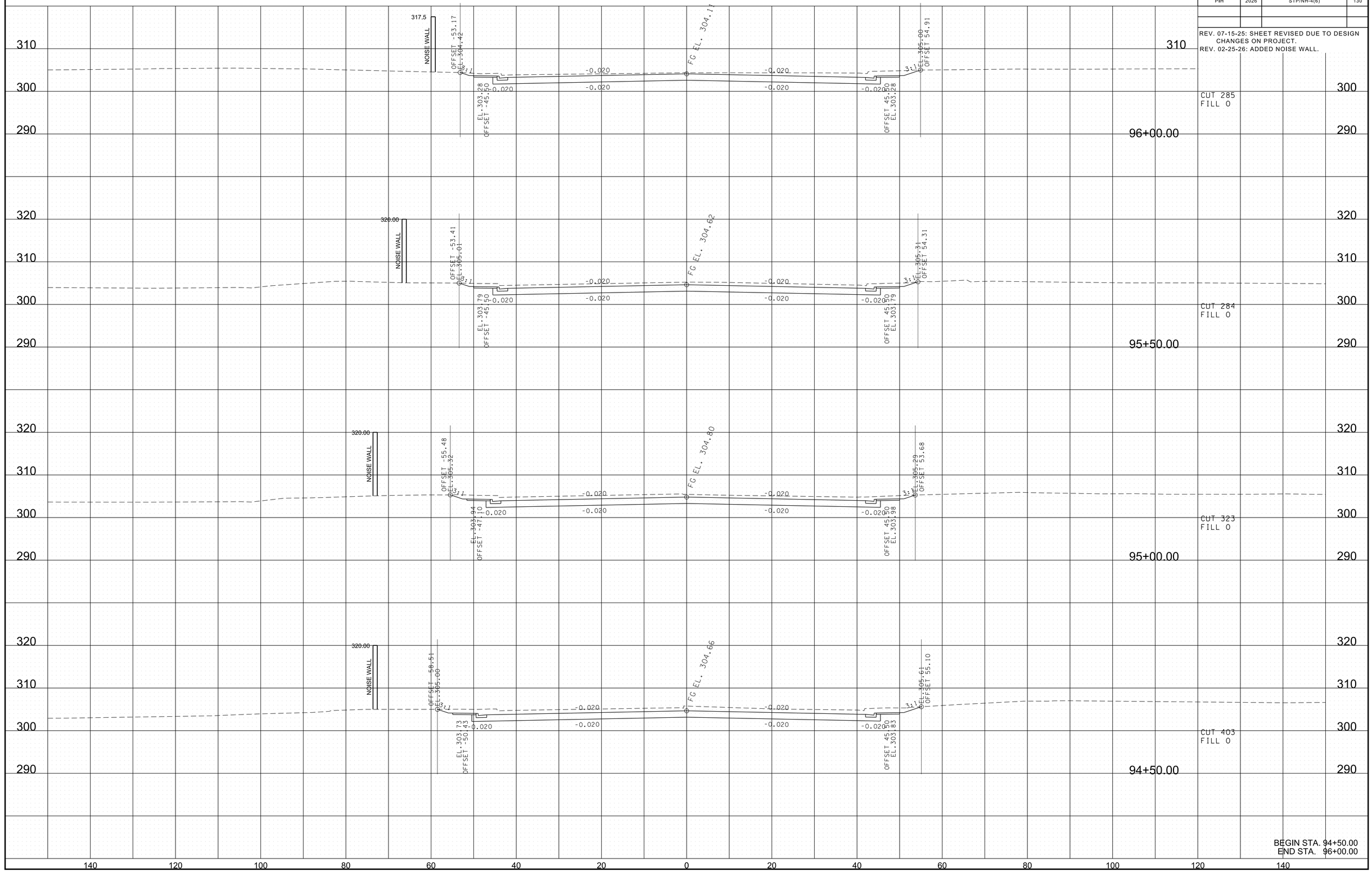
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	113
PIH	2026	STP/NH-4(6)	130

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED NOISE WALL.



BEGIN STA. 94+50.00
END STA. 96+00.00

3/10/2026 1:03:24 PM
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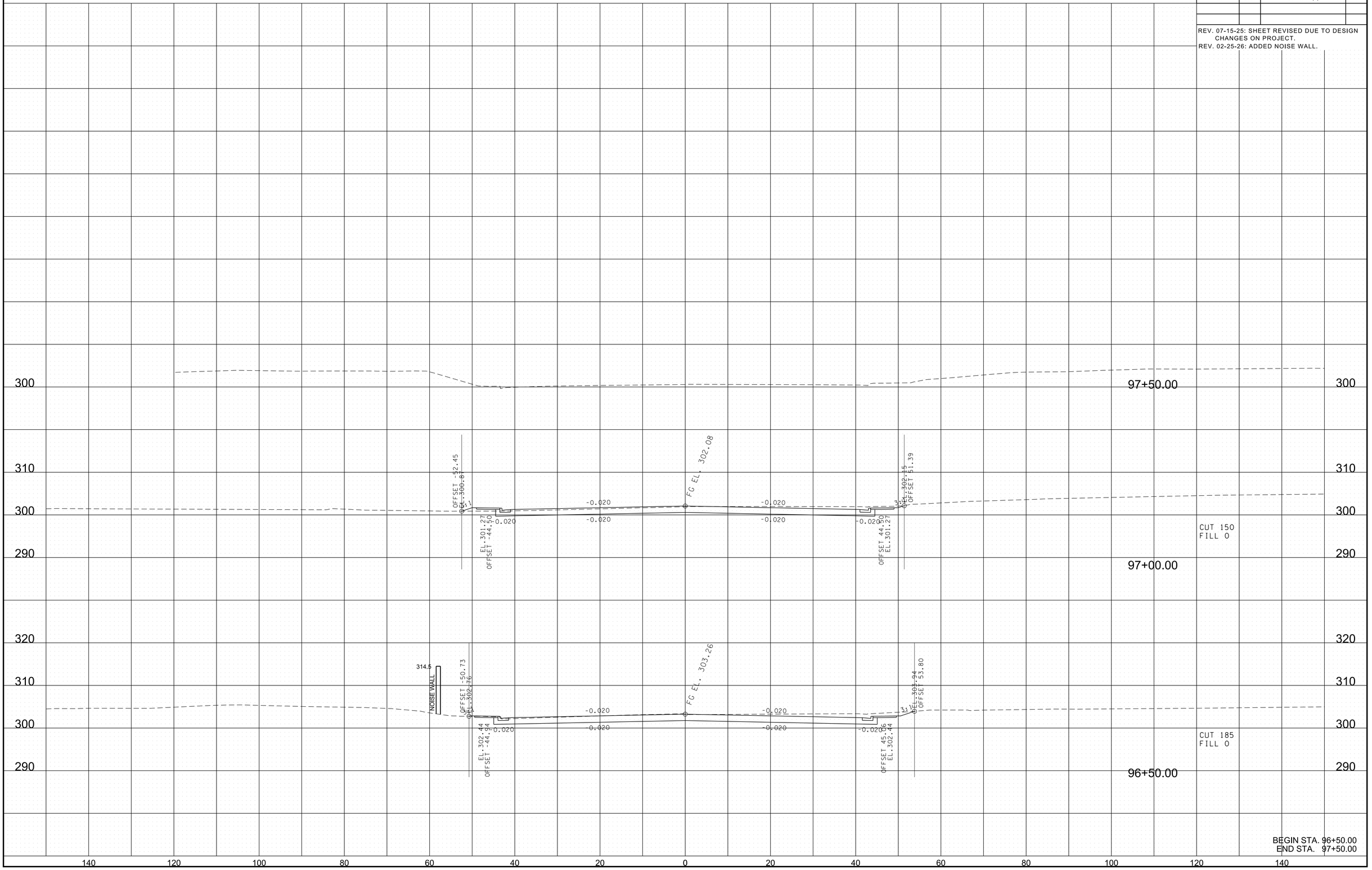
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	114
PIH	2026	STP/NH-4(6)	131

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: ADDED NOISE WALL.



3/10/2026 1:03:24 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Winchester.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	115
PIH	2026	STP/NH-4(6)	132

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

270

122+00.00

270

280

OFFSET -36.74
EL.274.82

276.10

-0.020 -0.020
-0.020 -0.020

EL.276.01
OFFSET 33.16

CUT 46
FILL 18

280

121+65.00

280

OFFSET -36.23
EL.274.83

275.95

-0.020 -0.020
-0.020 -0.020

EL.276.00
OFFSET 32.73

CUT 52
FILL 15

280

121+50.00

280

OFFSET -33.67
EL.275.42

275.68

-0.020 -0.020
-0.020 -0.020

MATCH MAINLINE

CUT 51
FILL 2

280

121+00.00

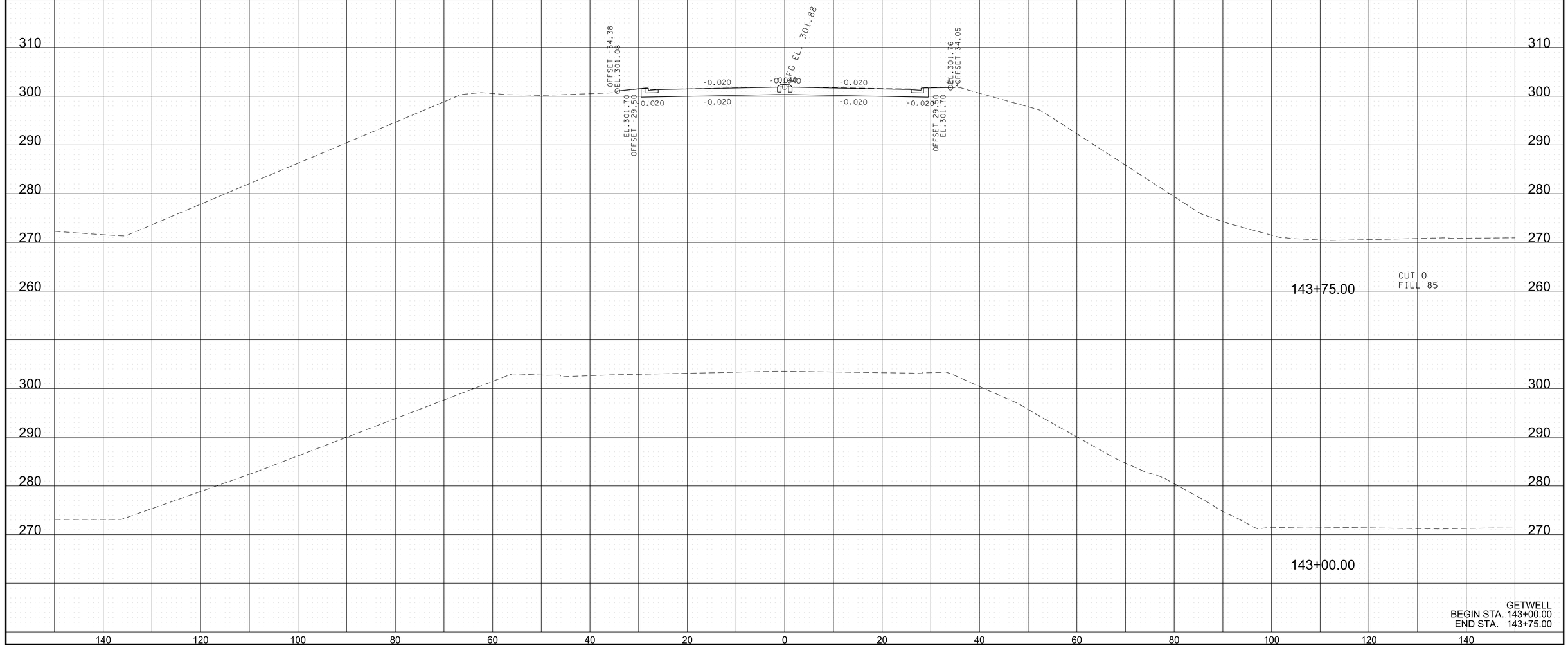
CLEARPOOL <B>
BEGIN STA. 121+00.00
END STA. 122+00.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

3/10/2026 1:03:26 PM
P:\0000_0\00\0078240020_SR-4_(Lamar_Ave)\THY\2402\Lamar Corridor Alt\Microstation\XSECSHEETS - CLEARPOOLB.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	116
PIH	2026	STP/NH-4(6)	133

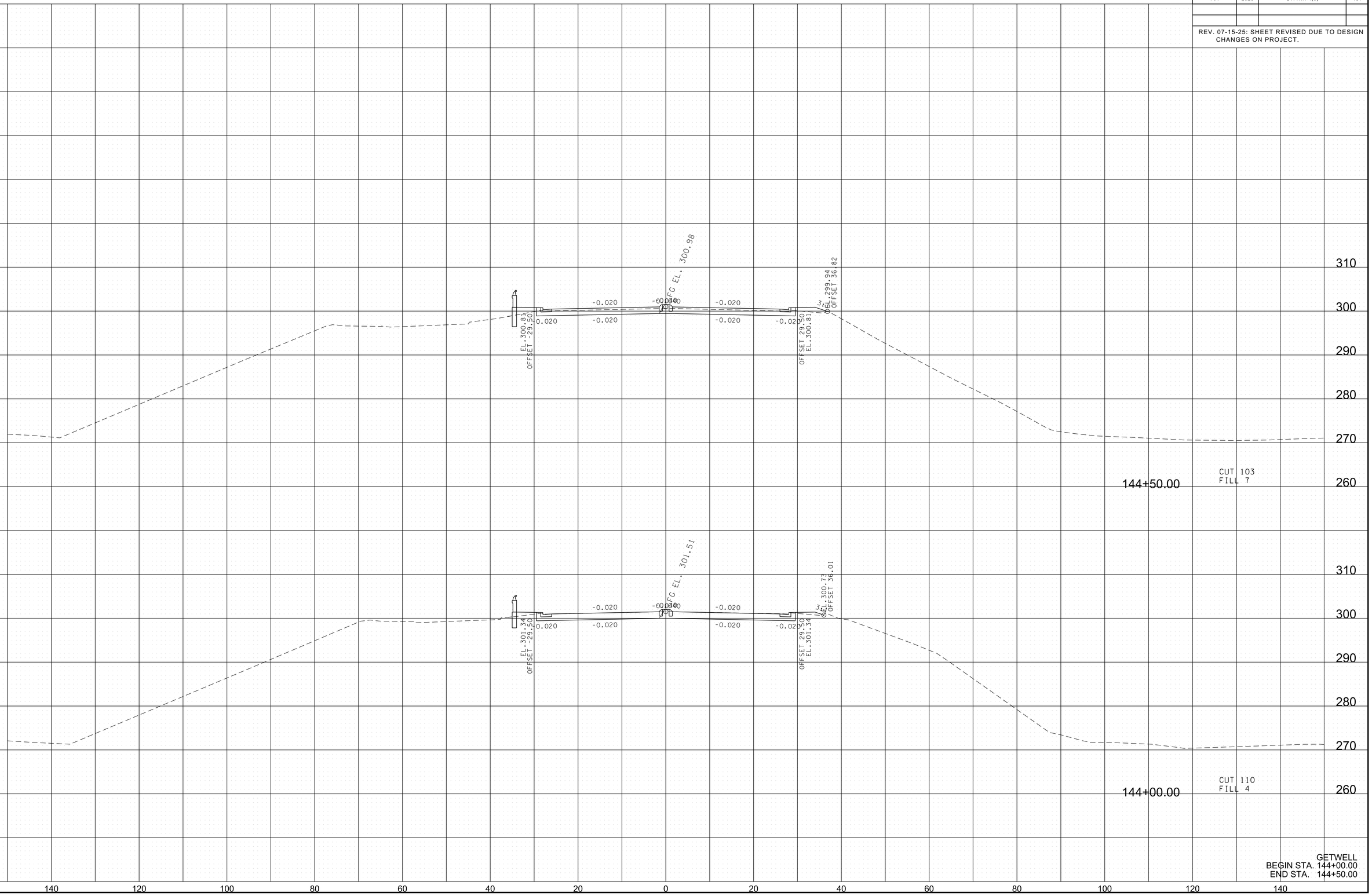
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:26 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Getwell.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	117
PIH	2026	STP/NH-4(6)	134

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

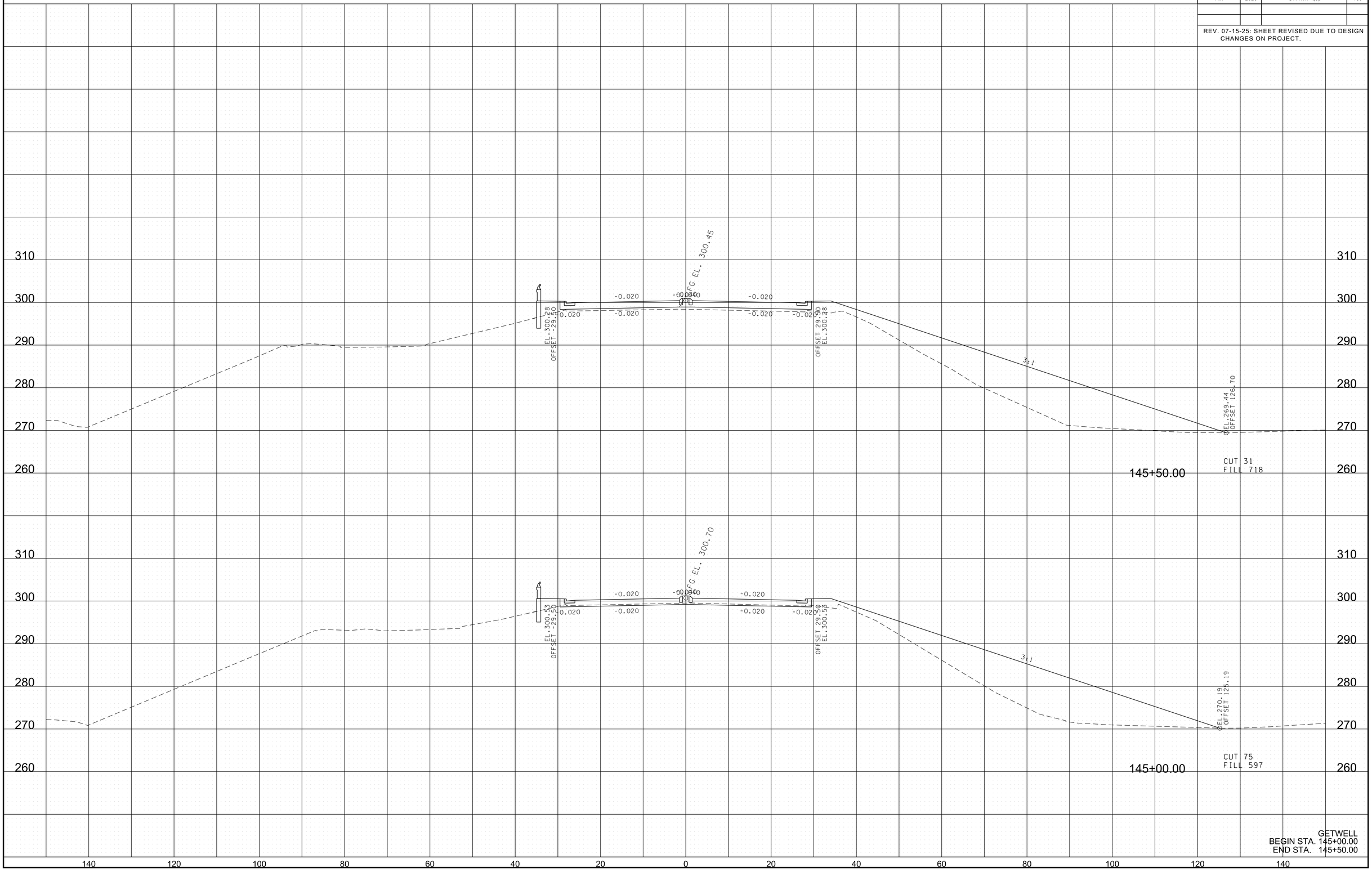


GETWELL
BEGIN STA. 144+00.00
END STA. 144+50.00

3/10/2026 1:03:27 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Getwell.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	118
PIH	2026	STP/NH-4(6)	135

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

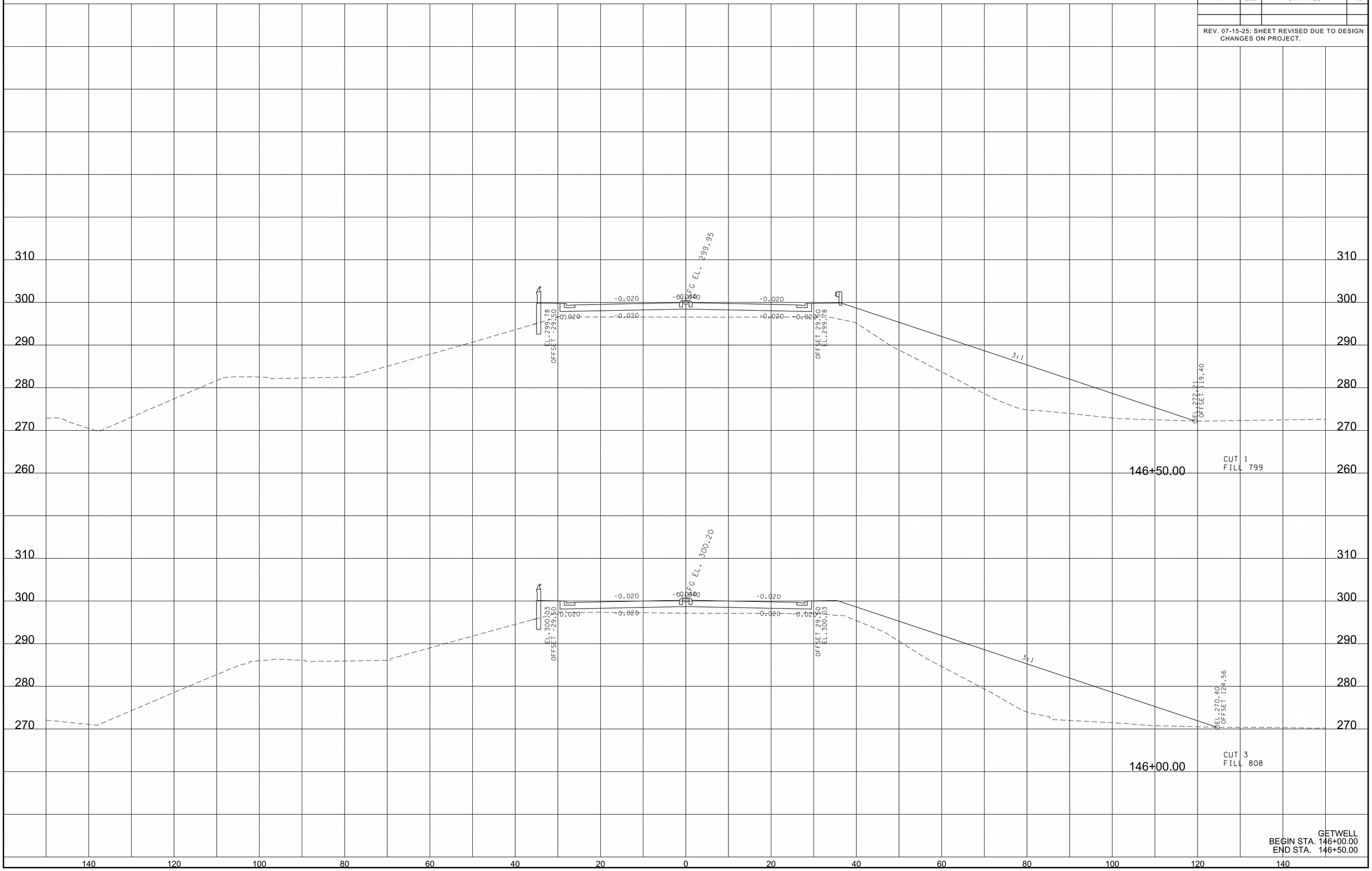


GETWELL
BEGIN STA. 145+00.00
END STA. 145+50.00

3/10/2026 1:03:28 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Getwell.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	119
PIH	2026	STP/NH-4(6)	136

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

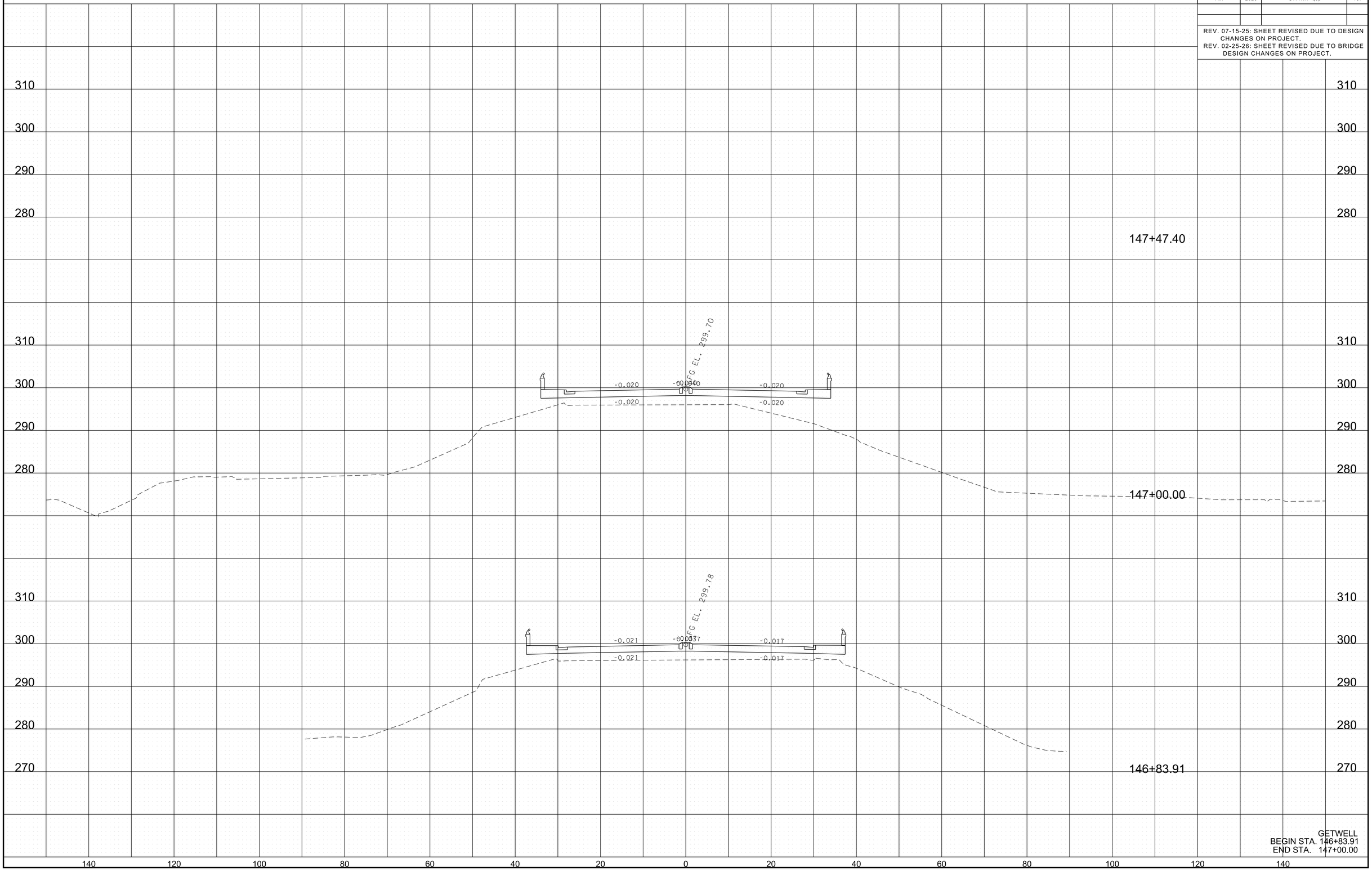


GETWELL
BEGIN STA. 146+00.00
END STA. 146+50.00

3/10/2026 1:03:28 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Getwell.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	120
PIH	2026	STP/NH-4(6)	137

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: SHEET REVISED DUE TO BRIDGE DESIGN CHANGES ON PROJECT.

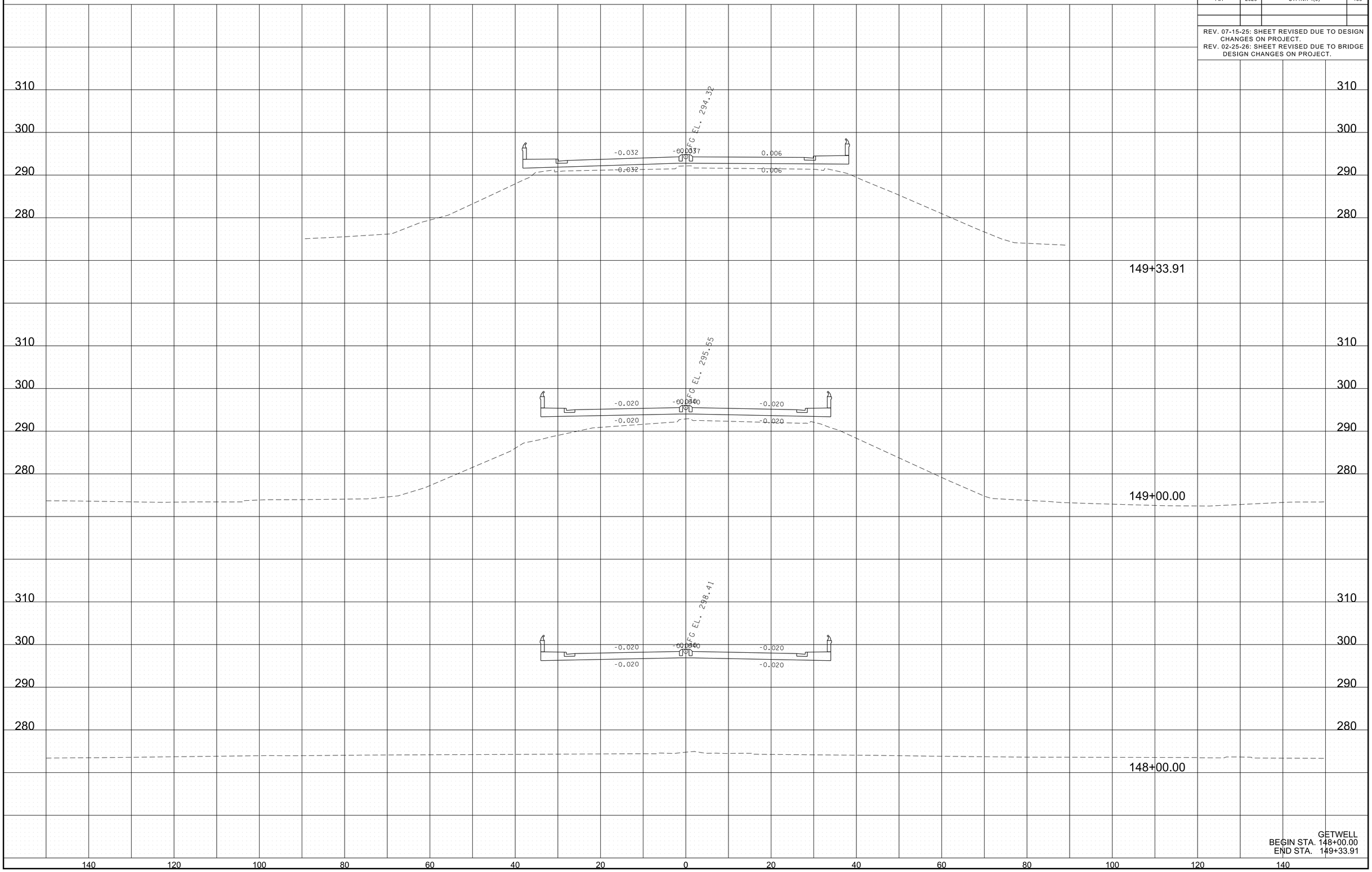


GETWELL
BEGIN STA. 146+83.91
END STA. 147+00.00

3/10/2026 1:03:29 PM
P:\0000_0100\007824\0020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Getwell.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	121
PIH	2026	STP/NH-4(6)	138

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.
REV. 02-25-26: SHEET REVISED DUE TO BRIDGE DESIGN CHANGES ON PROJECT.

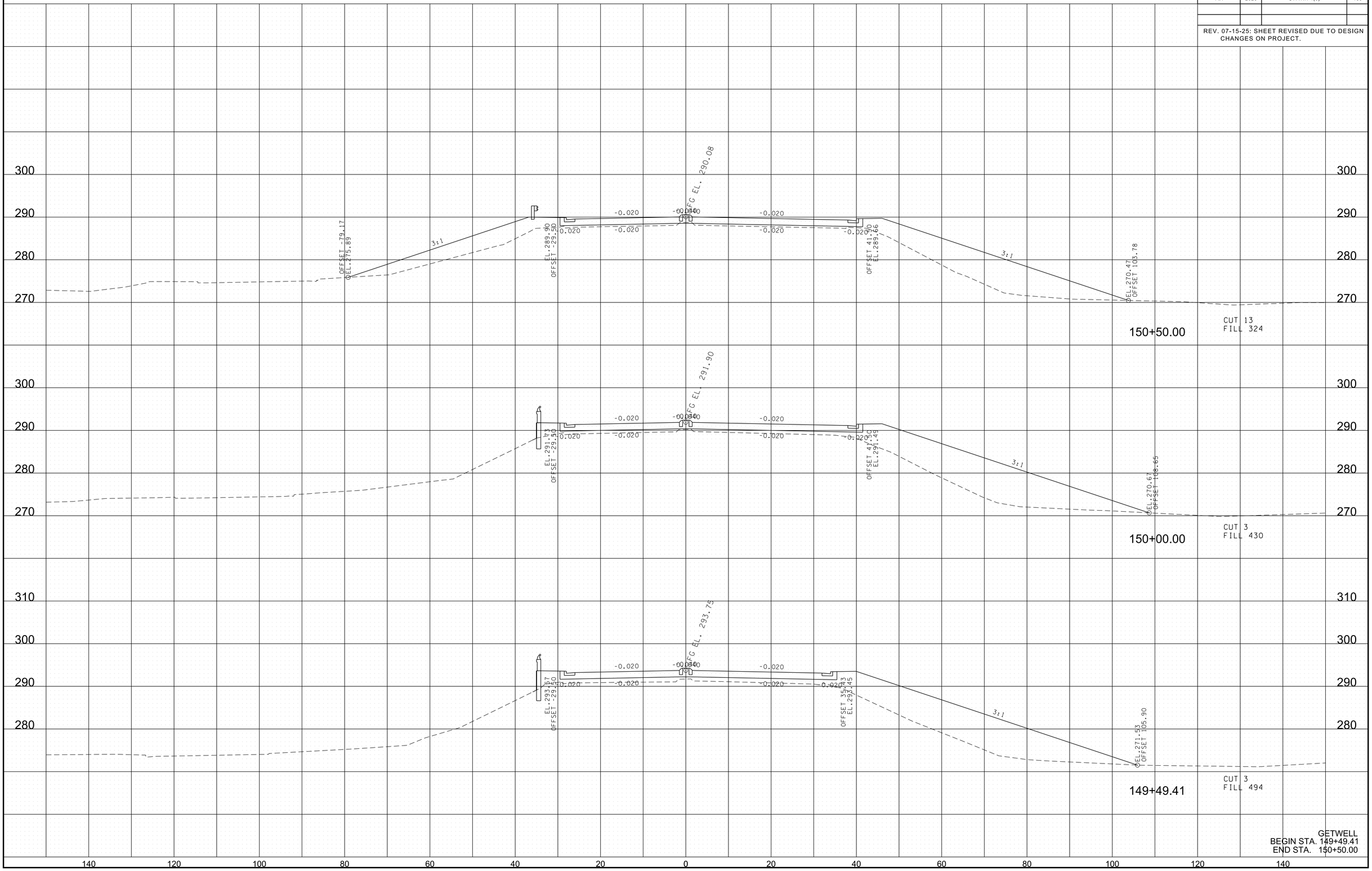


GETWELL
BEGIN STA. 148+00.00
END STA. 149+33.91

3/10/2026 1:03:29 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Getwell.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	122
PIH	2026	STP/NH-4(6)	139

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

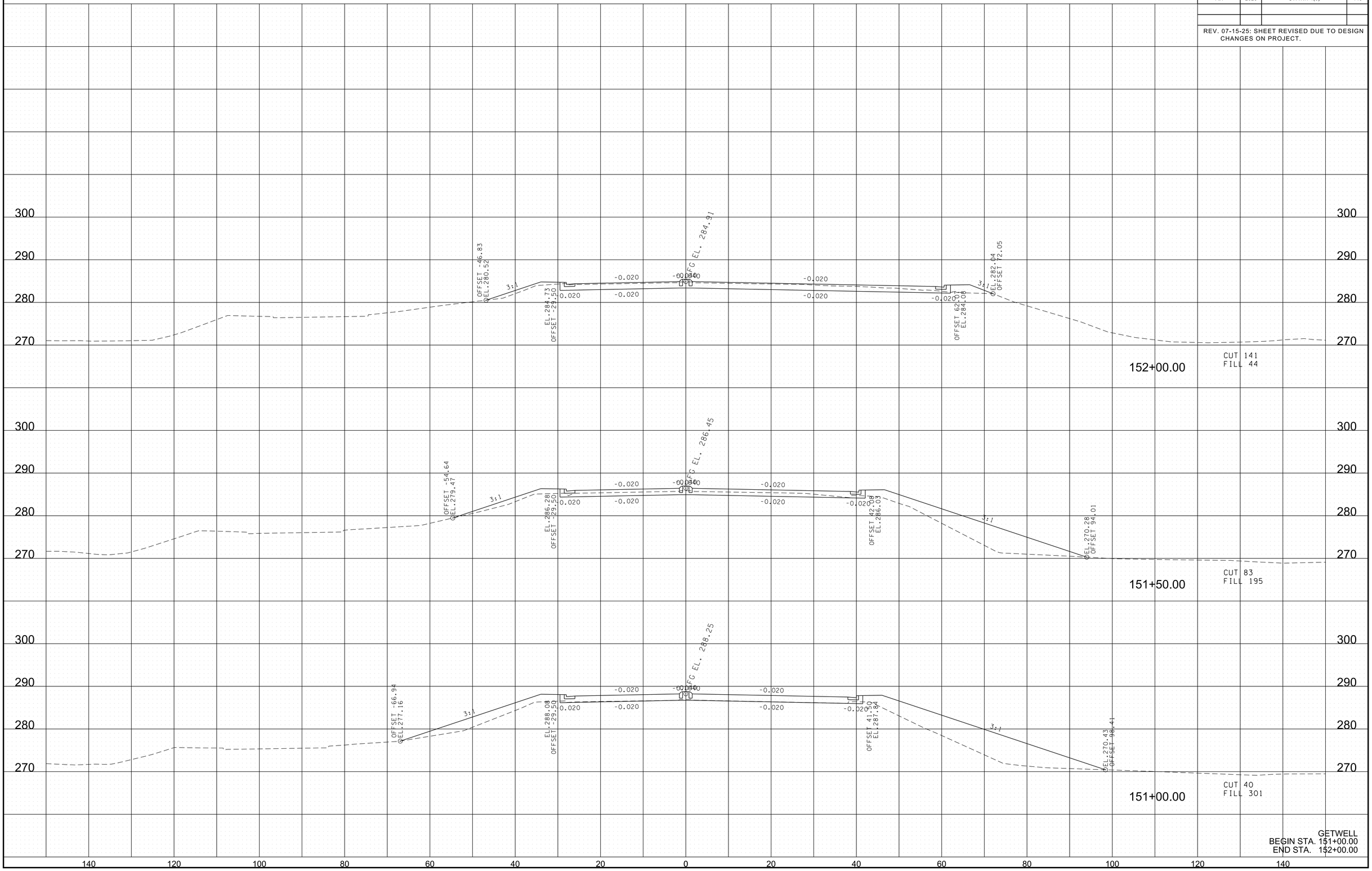


GETWELL
BEGIN STA. 149+49.41
END STA. 150+50.00

3/10/2026 1:03:30 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Getwell.dgn

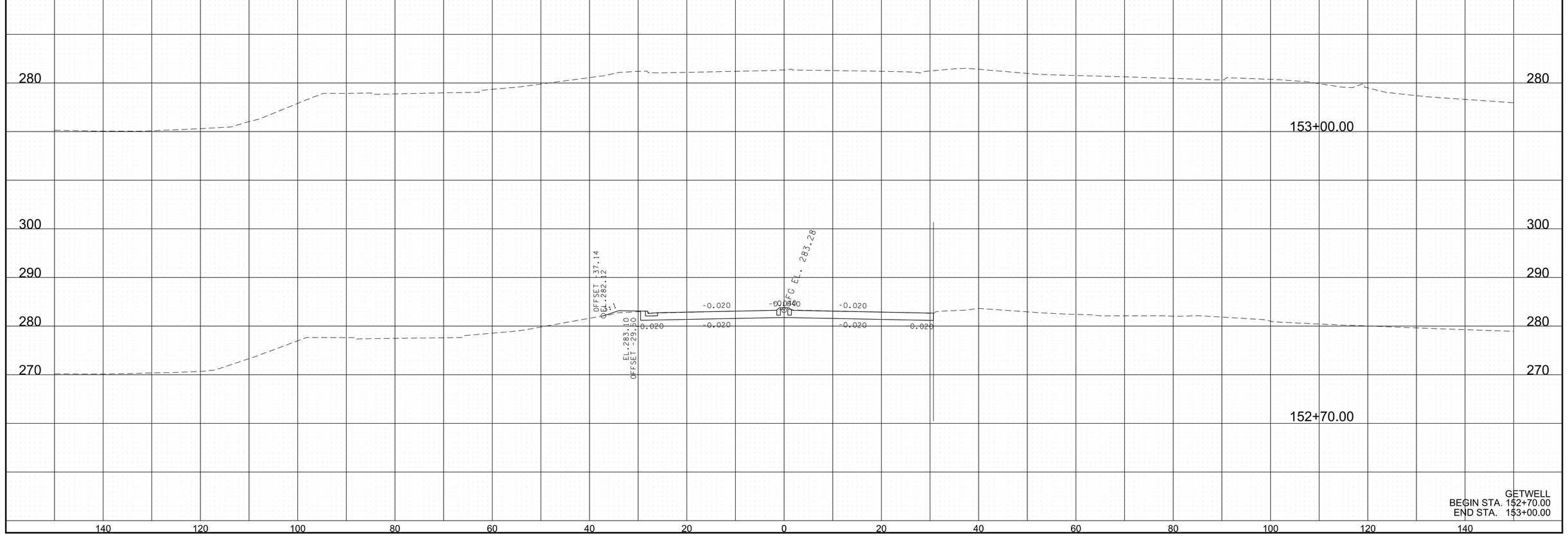
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	123
PIH	2026	STP/NH-4(6)	140

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.


300
290
280
270
OFFSET -46.83
EL.280.52
3:1
EL.284.73
OFFSET -29.50
-0.020
-0.020
-0.020

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	124
PIH	2026	STP/NH-4(6)	141

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

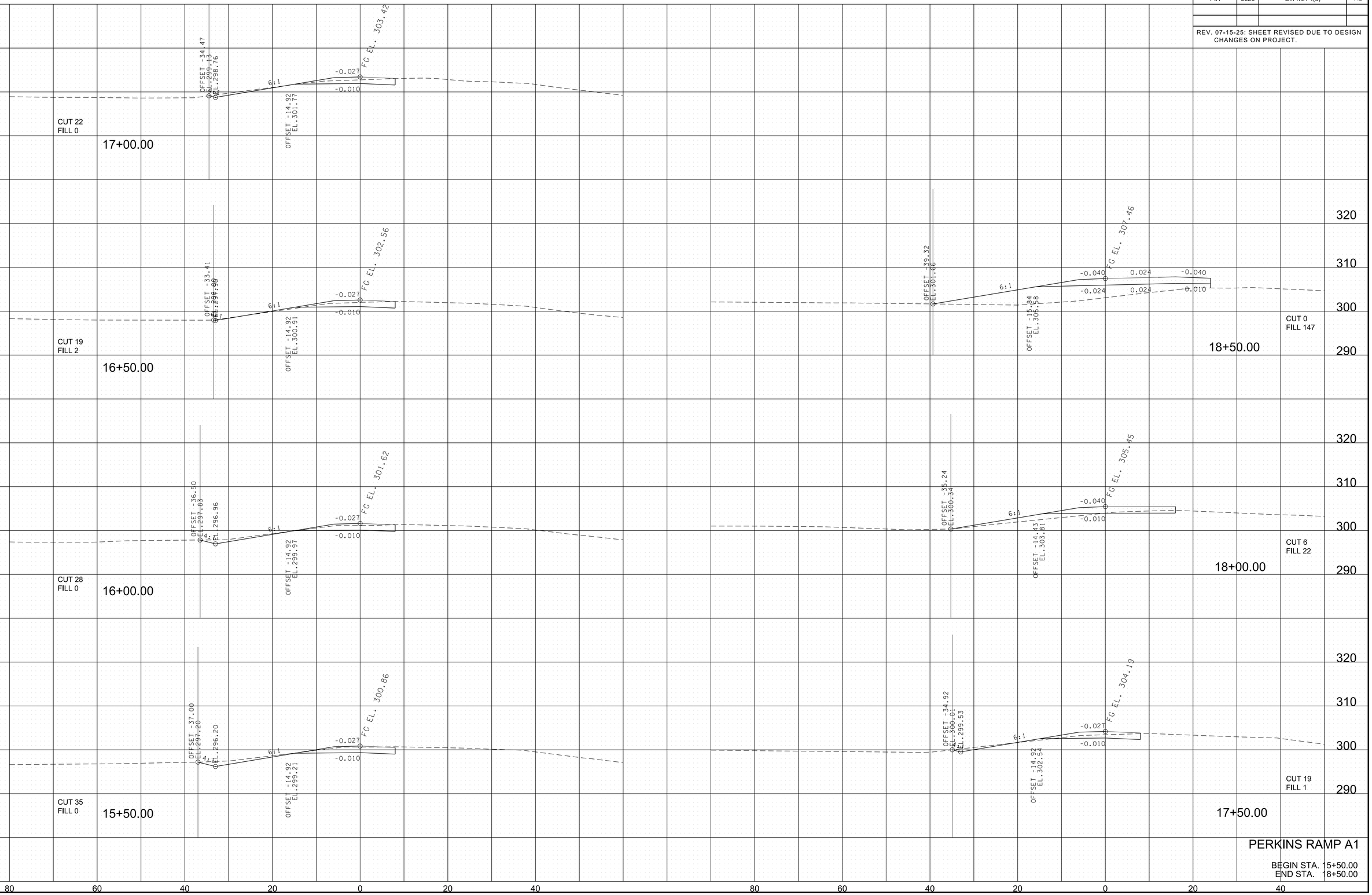


GETWELL
BEGIN STA. 152+70.00
END STA. 153+00.00

3/10/2026 1:03:31 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Getwell.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	125
PIH	2026	STP/NH-4(6)	142

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



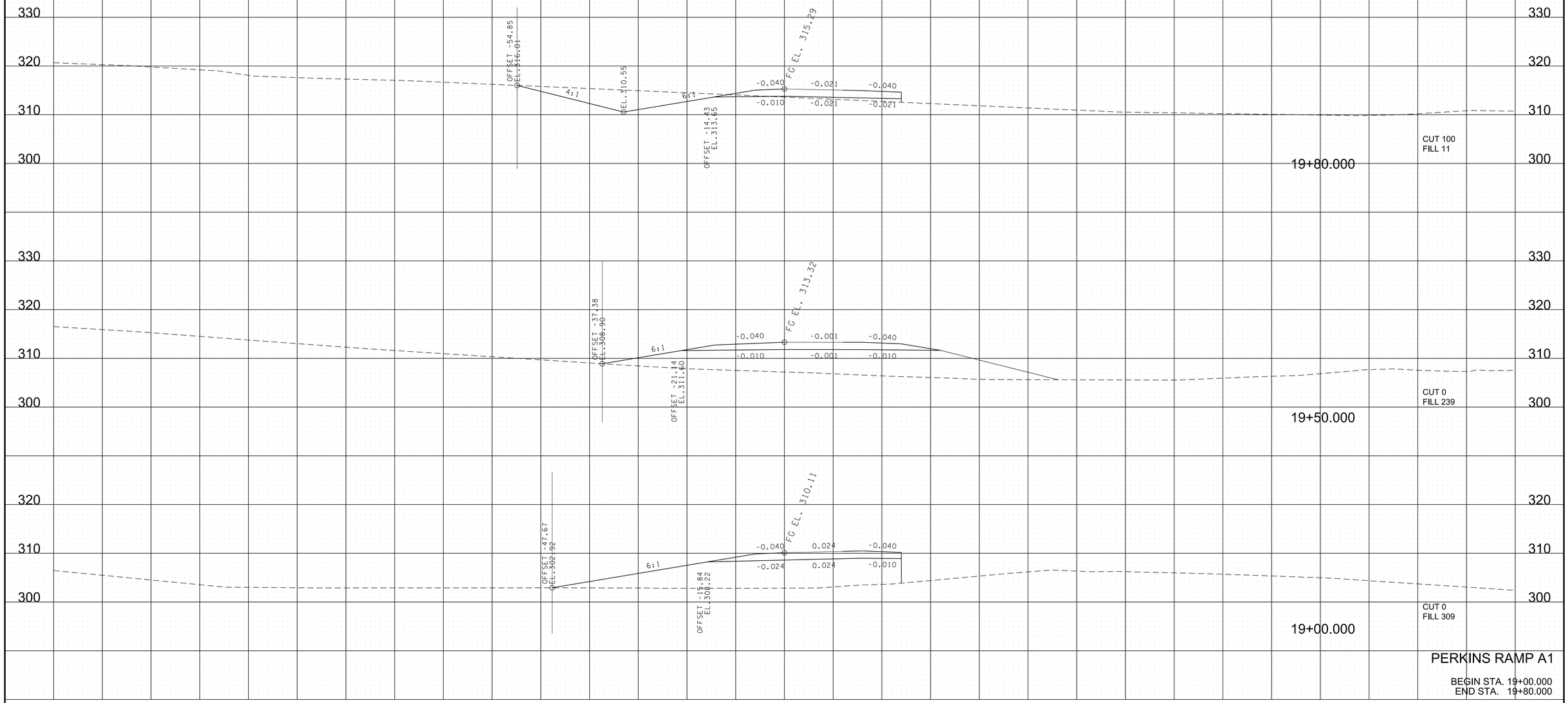
PERKINS RAMP A1

BEGIN STA. 15+50.00
END STA. 18+50.00

3/10/2026 1:03:32 PM
P:\0000_0100\007824\0020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor All\Microstation\XSECSHEETS-Perkins Ramp A1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	126
PIH	2026	STP/NH-4(6)	143

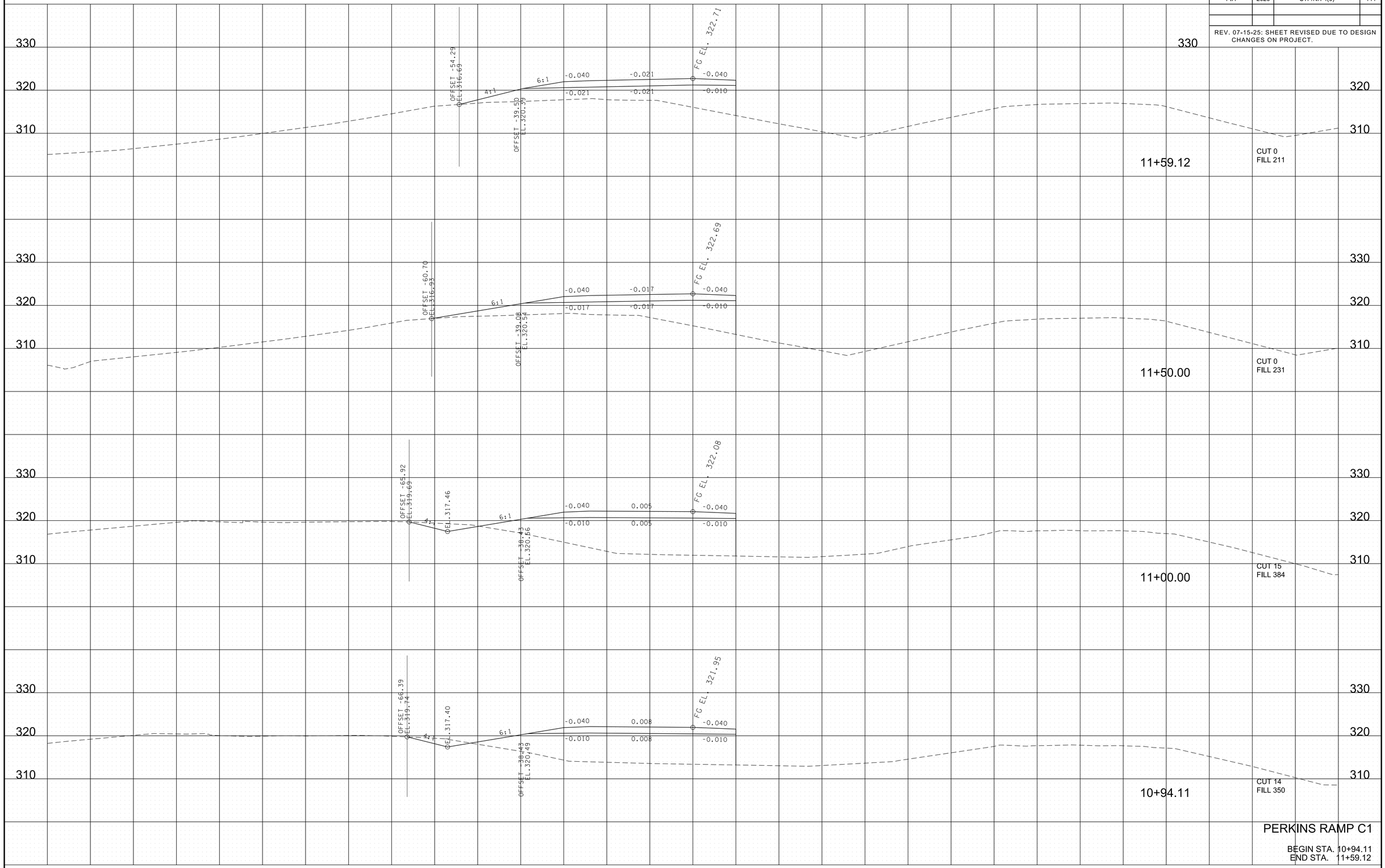
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:33 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp A1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	127
PIH	2026	STP/NH-4(6)	144

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



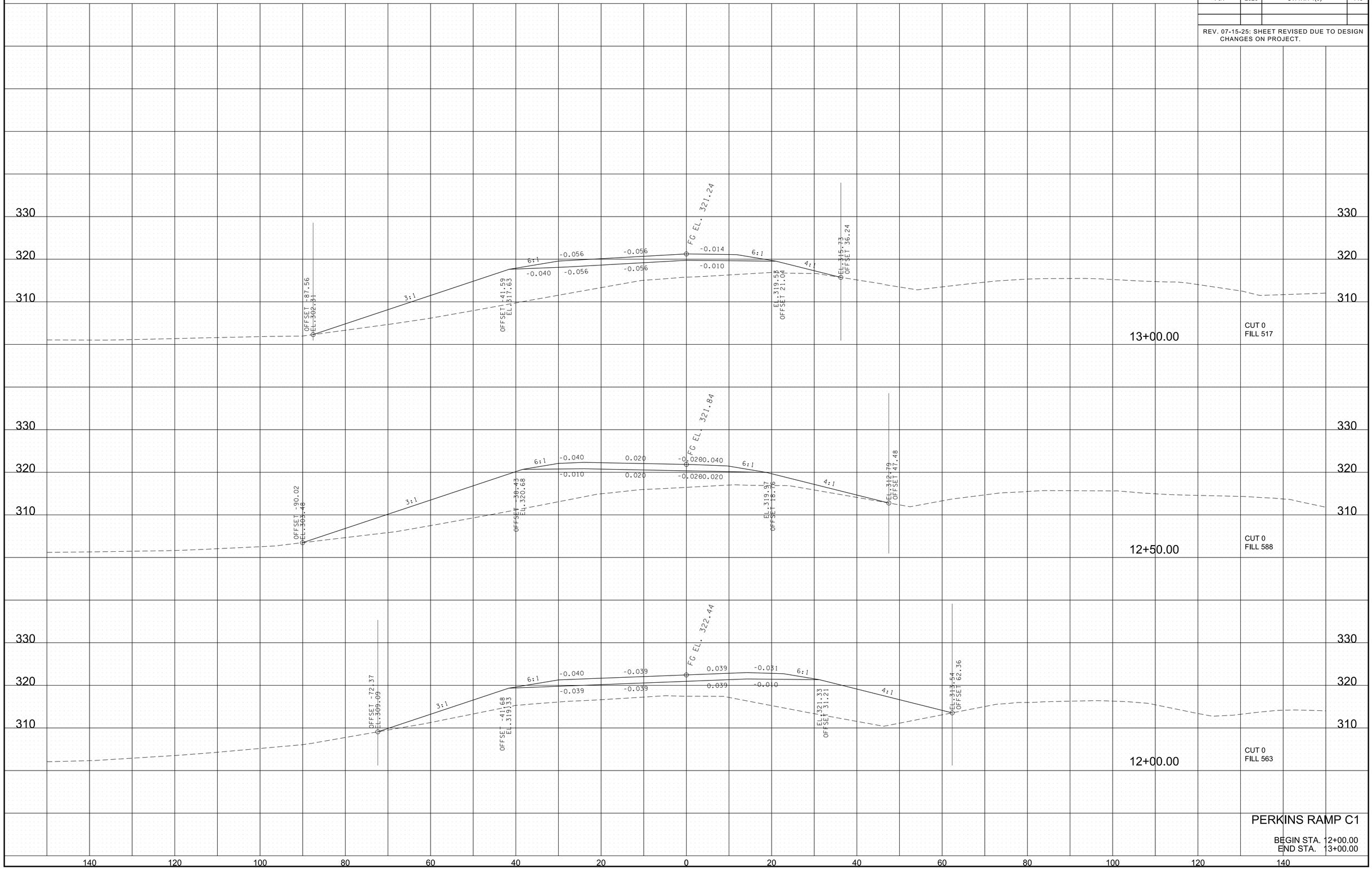
PERKINS RAMP C1

BEGIN STA. 10+94.11
END STA. 11+59.12

3/10/2026 1:03:34 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	128
PIH	2026	STP/NH-4(6)	145

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:34 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor All\Microstation\XSECSHEETS-Perkins Ramp C1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	129
PIH	2026	STP/NH-4(6)	146

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

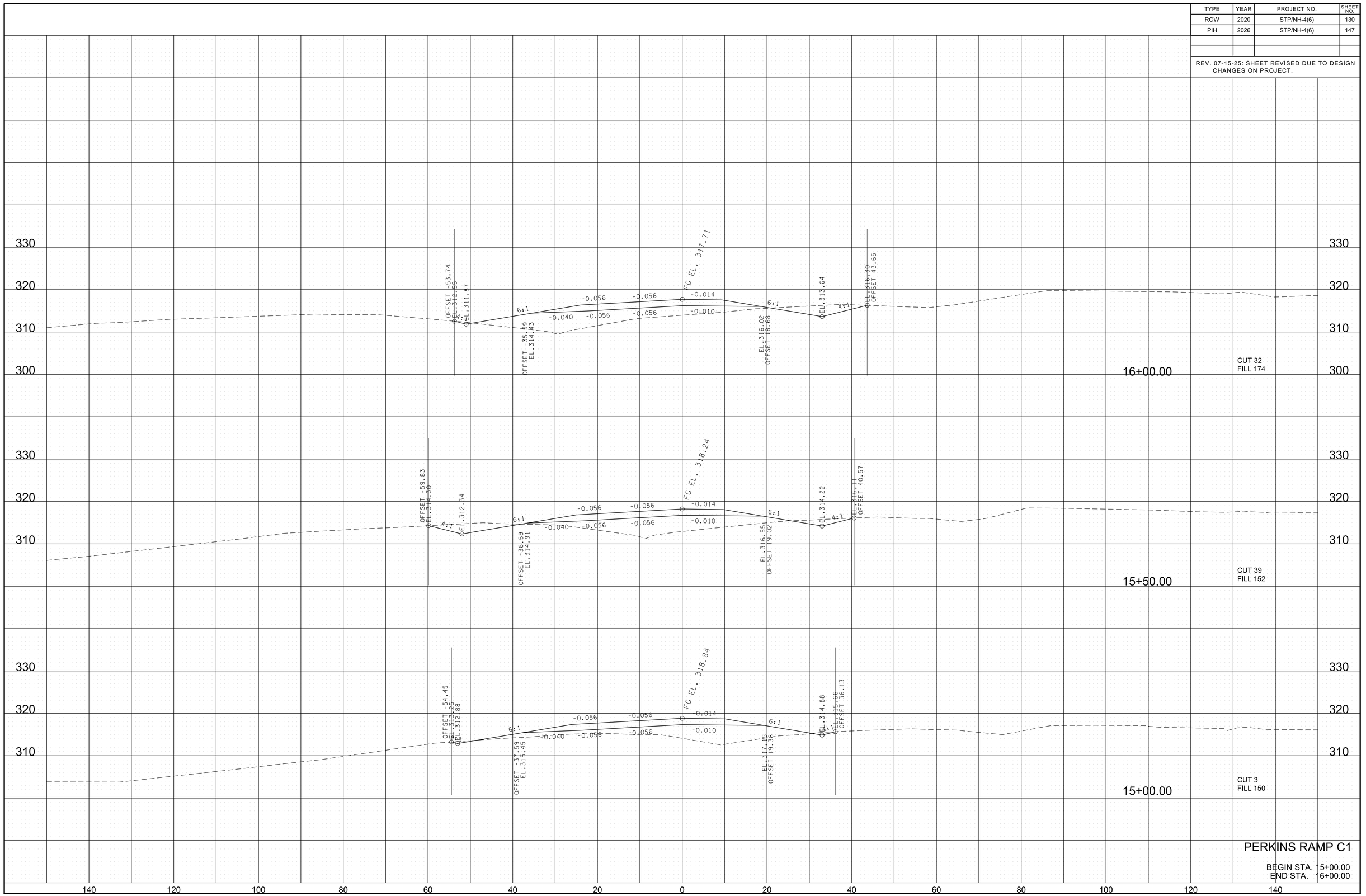
PERKINS RAMP C1

BEGIN STA. 13+50.00
END STA. 14+50.00

3/10/2026 1:03:35 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor All\Microstation\XSECSHEETS-Perkins Ramp C1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	130
PIH	2026	STP/NH-4(6)	147

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



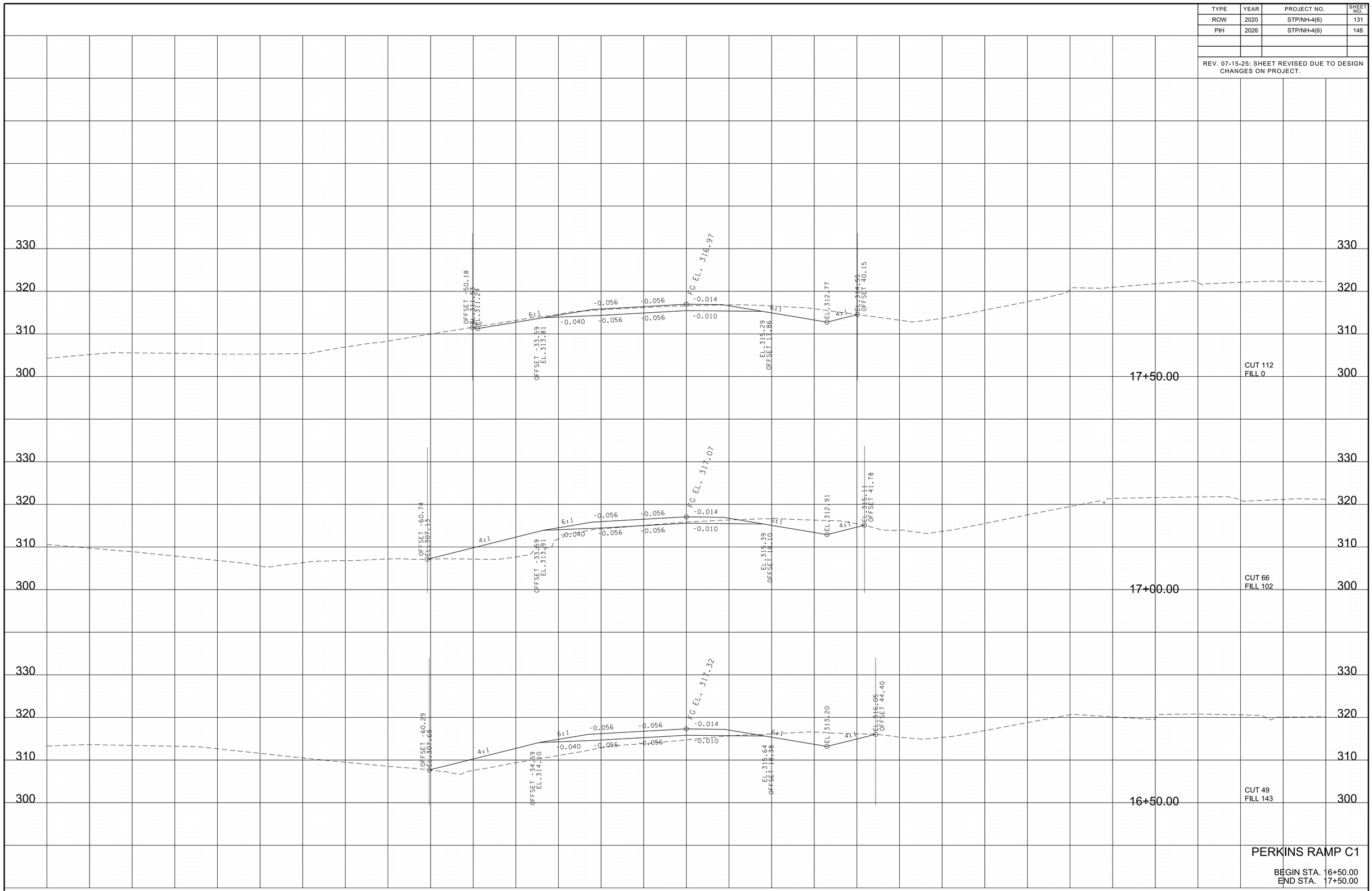
PERKINS RAMP C1

BEGIN STA. 15+00.00
END STA. 16+00.00

3/10/2026 1:03:35 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor All\Microstation\XSECSHEETS-Perkins Ramp C1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	131
PIH	2026	STP/NH-4(6)	148

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



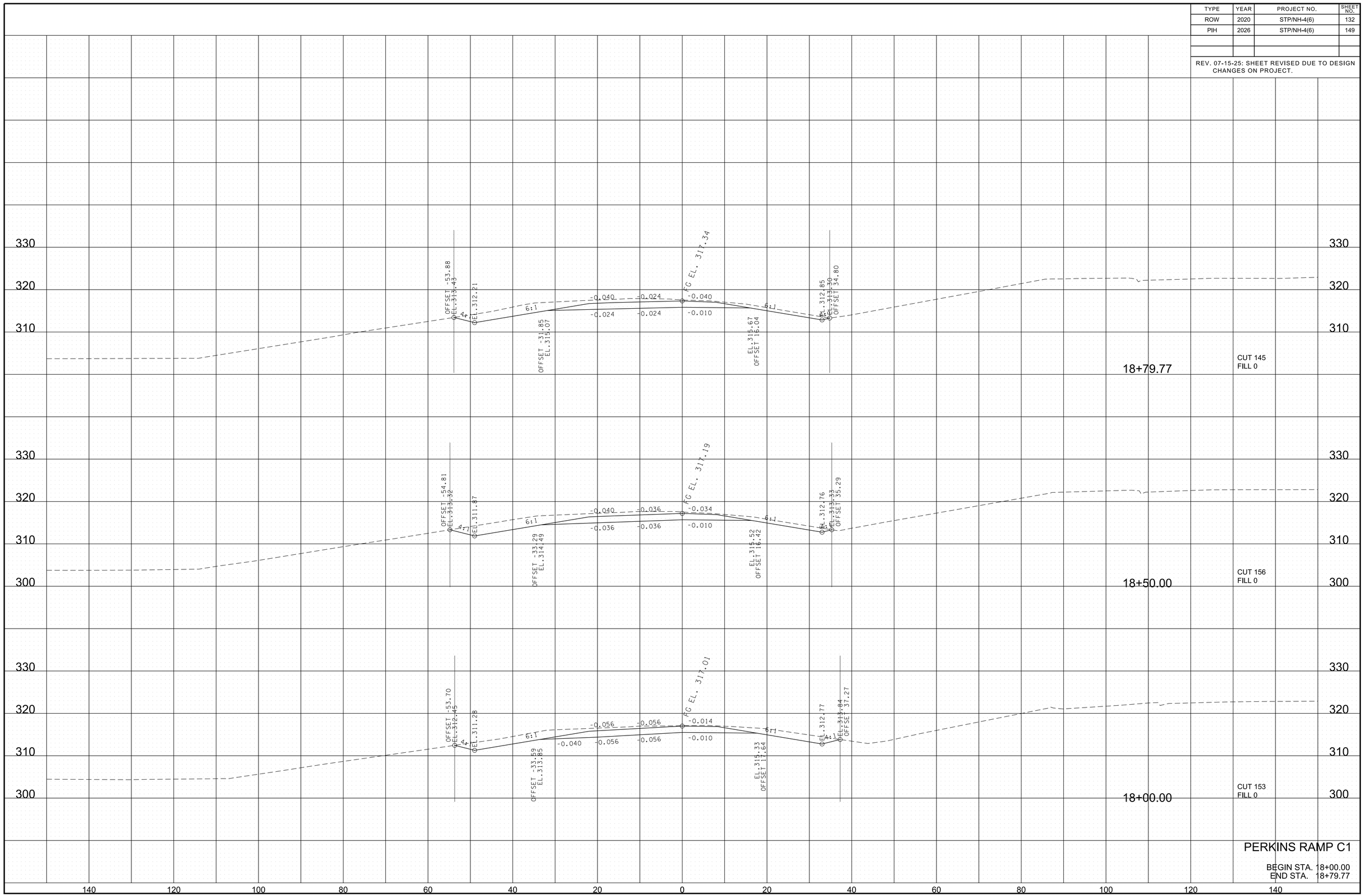
PERKINS RAMP C1

BEGIN STA. 16+50.00
END STA. 17+50.00

3/10/2026 1:03:36 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	132
PIH	2026	STP/NH-4(6)	149

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



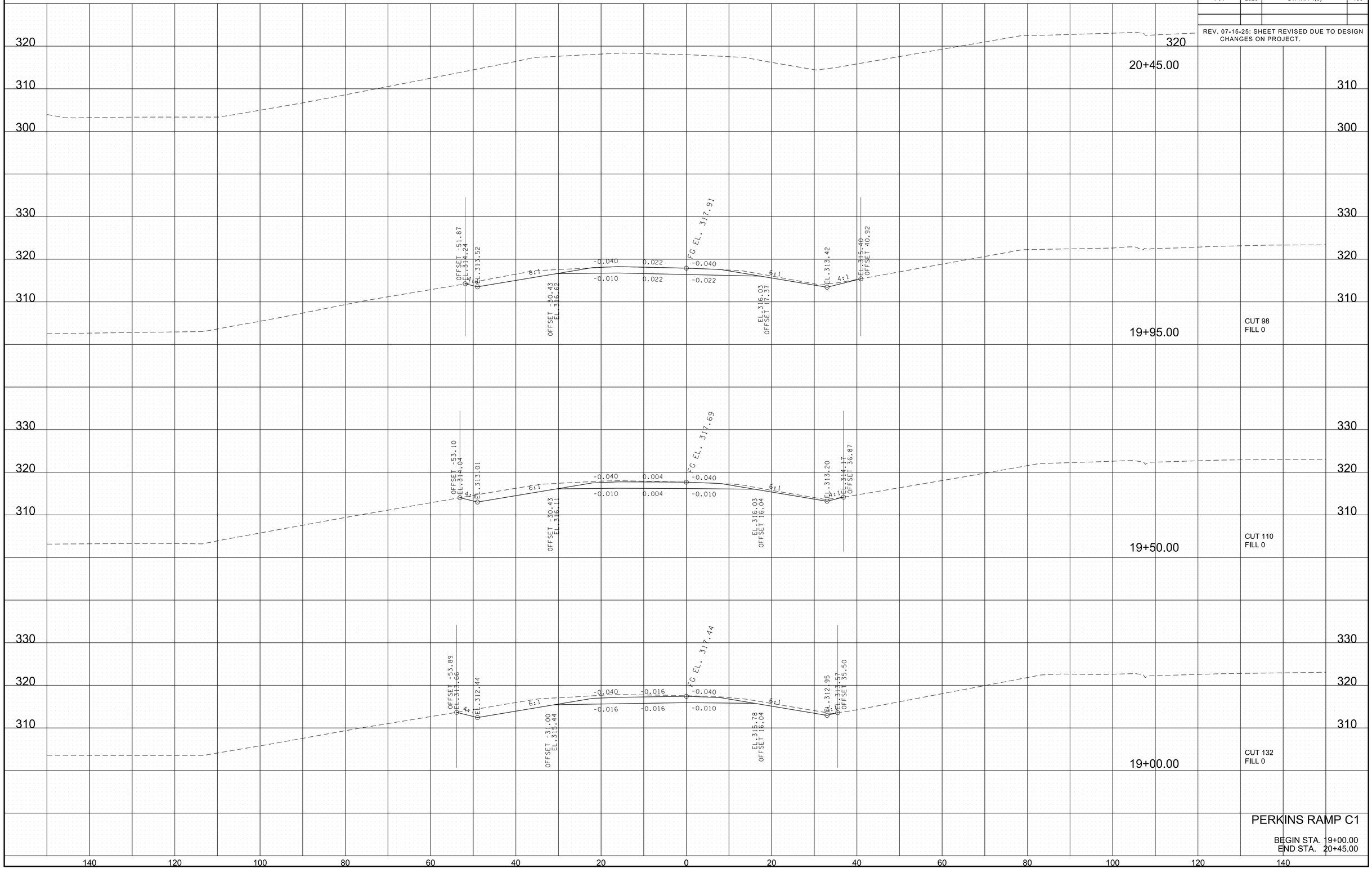
PERKINS RAMP C1

BEGIN STA. 18+00.00
END STA. 18+79.77

3/10/2026 1:03:37 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	133
PIH	2026	STP/NH-4(6)	150

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



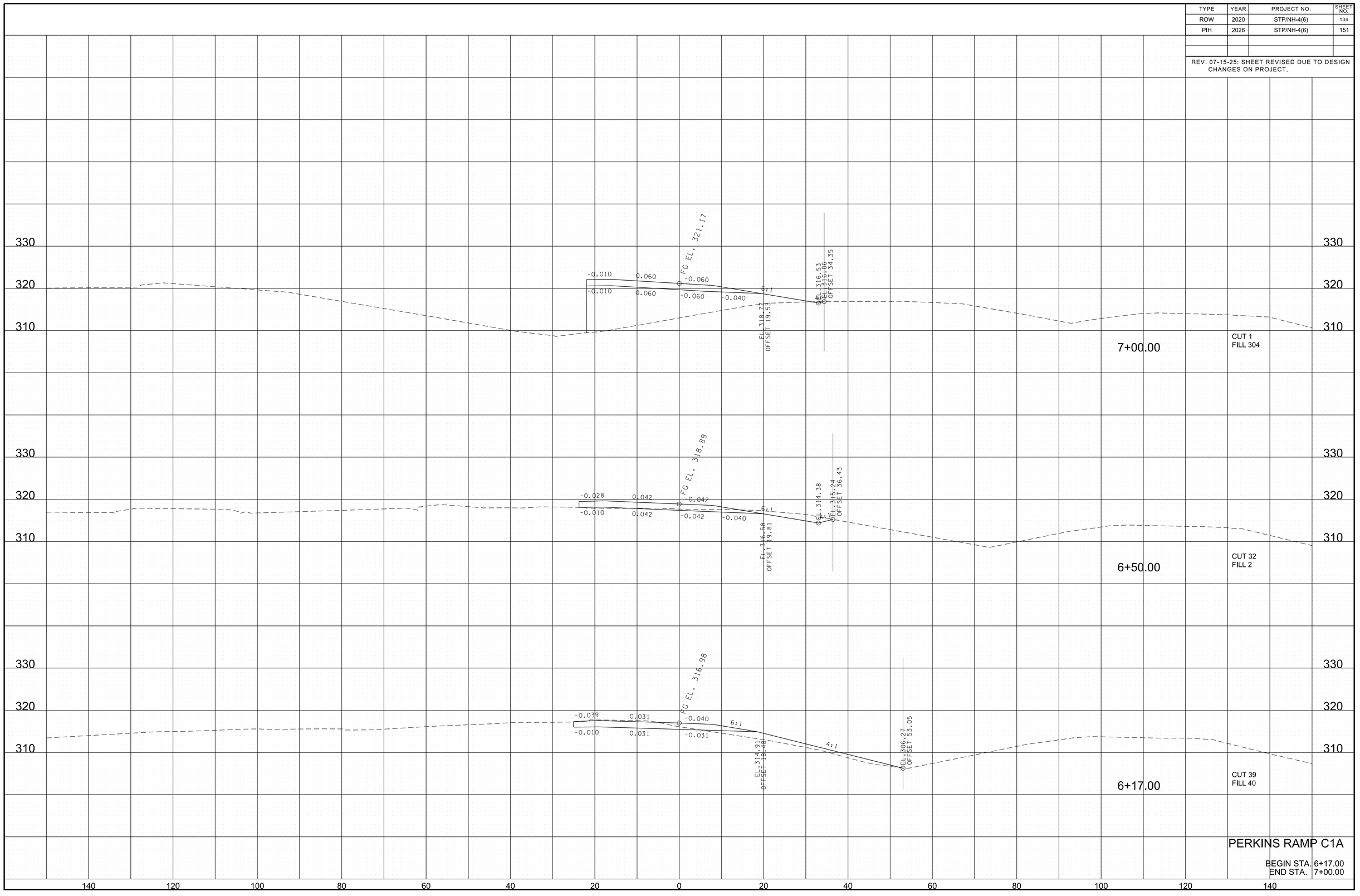
PERKINS RAMP C1

BEGIN STA. 19+00.00
END STA. 20+45.00

3/10/2026 1:03:37 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor All\Microstation\XSECSHEETS-Perkins Ramp C1.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	134
PIH	2026	STP/NH-4(6)	151

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



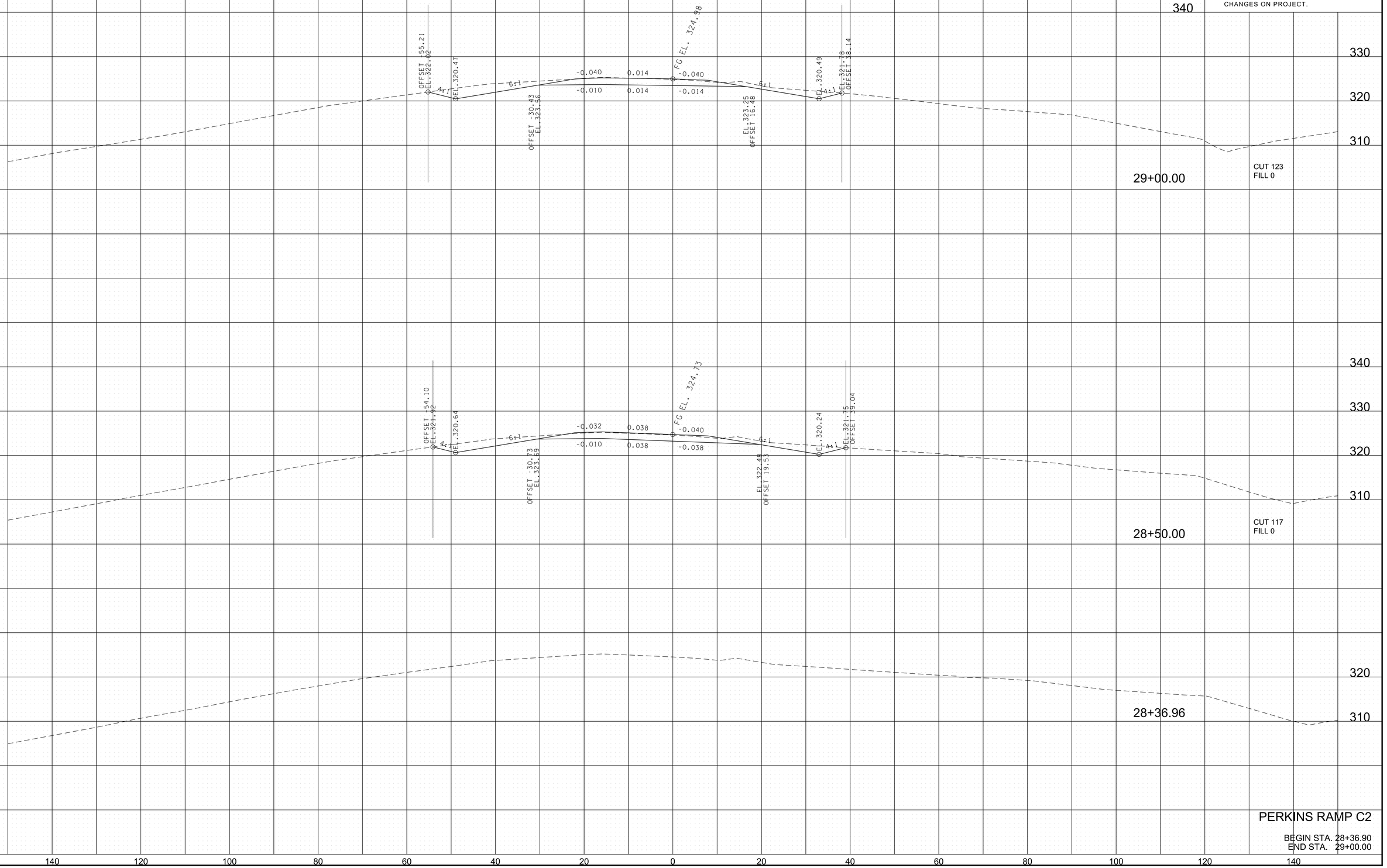
PERKINS RAMP C1A

BEGIN STA. 6+17.00
END STA. 7+00.00

3/10/2026 1:03:38 PM
P:\10000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C1A.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	135
PIH	2026	STP/NH-4(6)	152

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



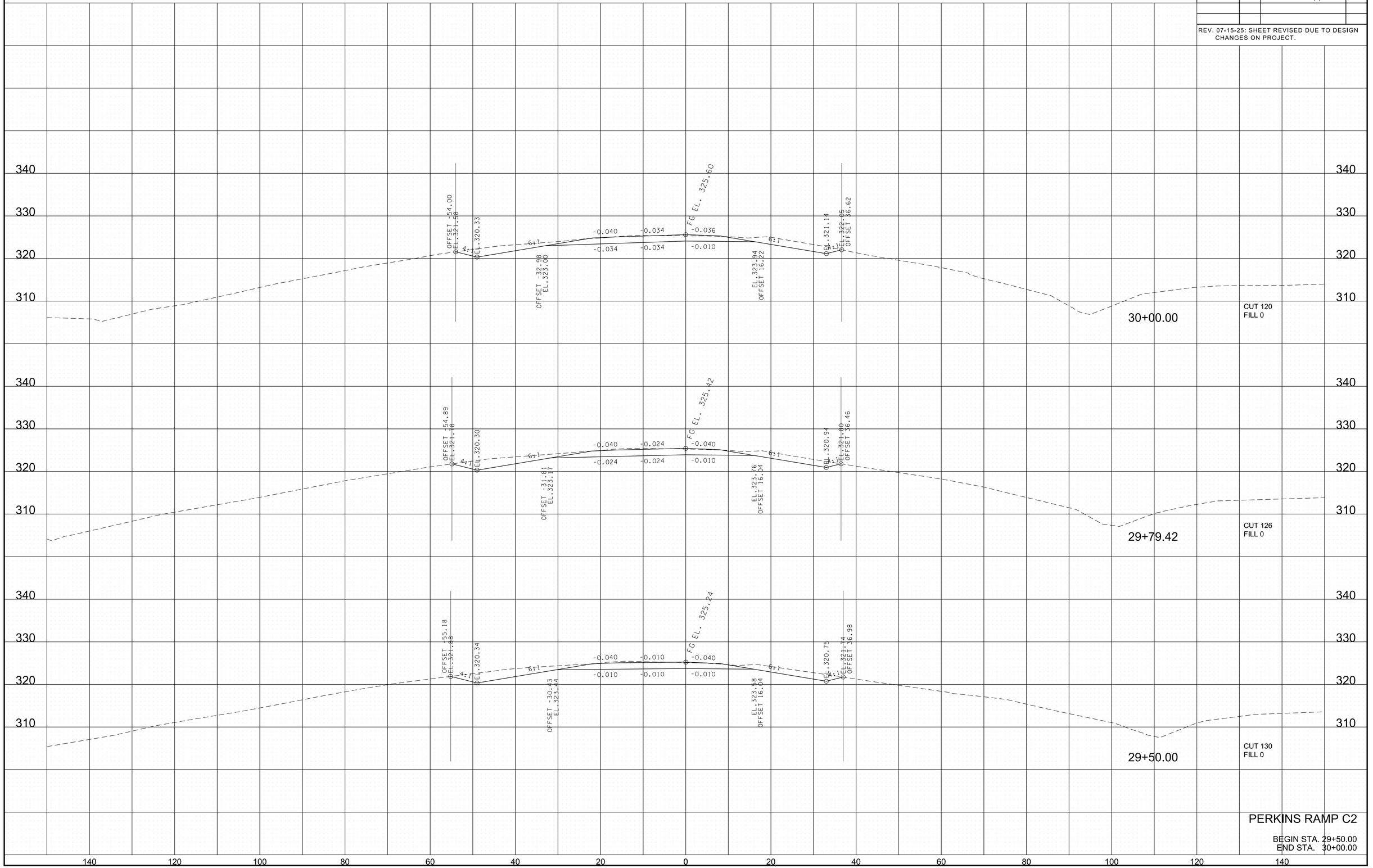
PERKINS RAMP C2

BEGIN STA. 28+36.90
END STA. 29+00.00

3/10/2026 1:03:39 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C2.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	136
PIH	2026	STP/NH-4(6)	153

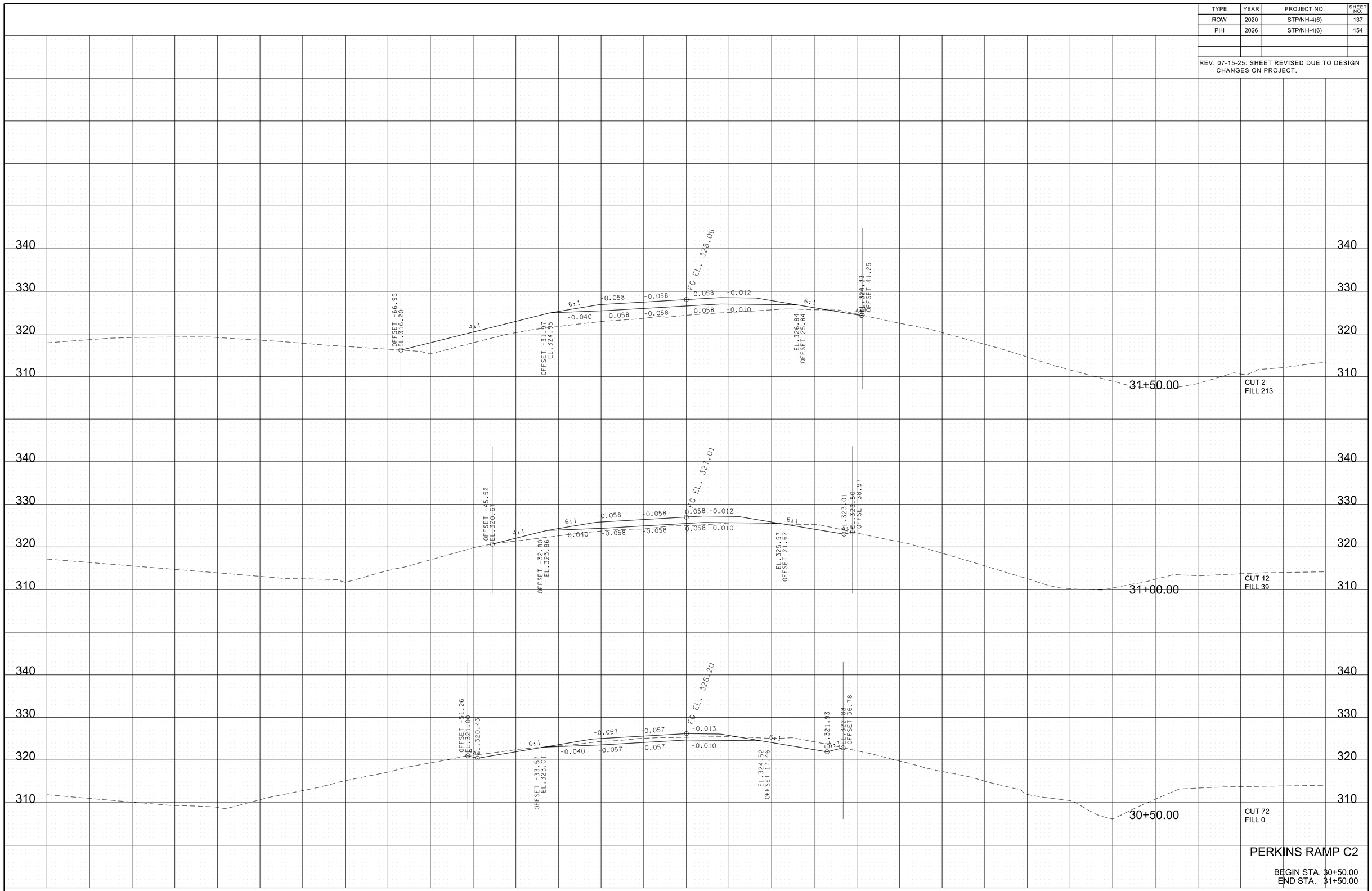
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:40 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C2.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	137
PIH	2026	STP/NH-4(6)	154

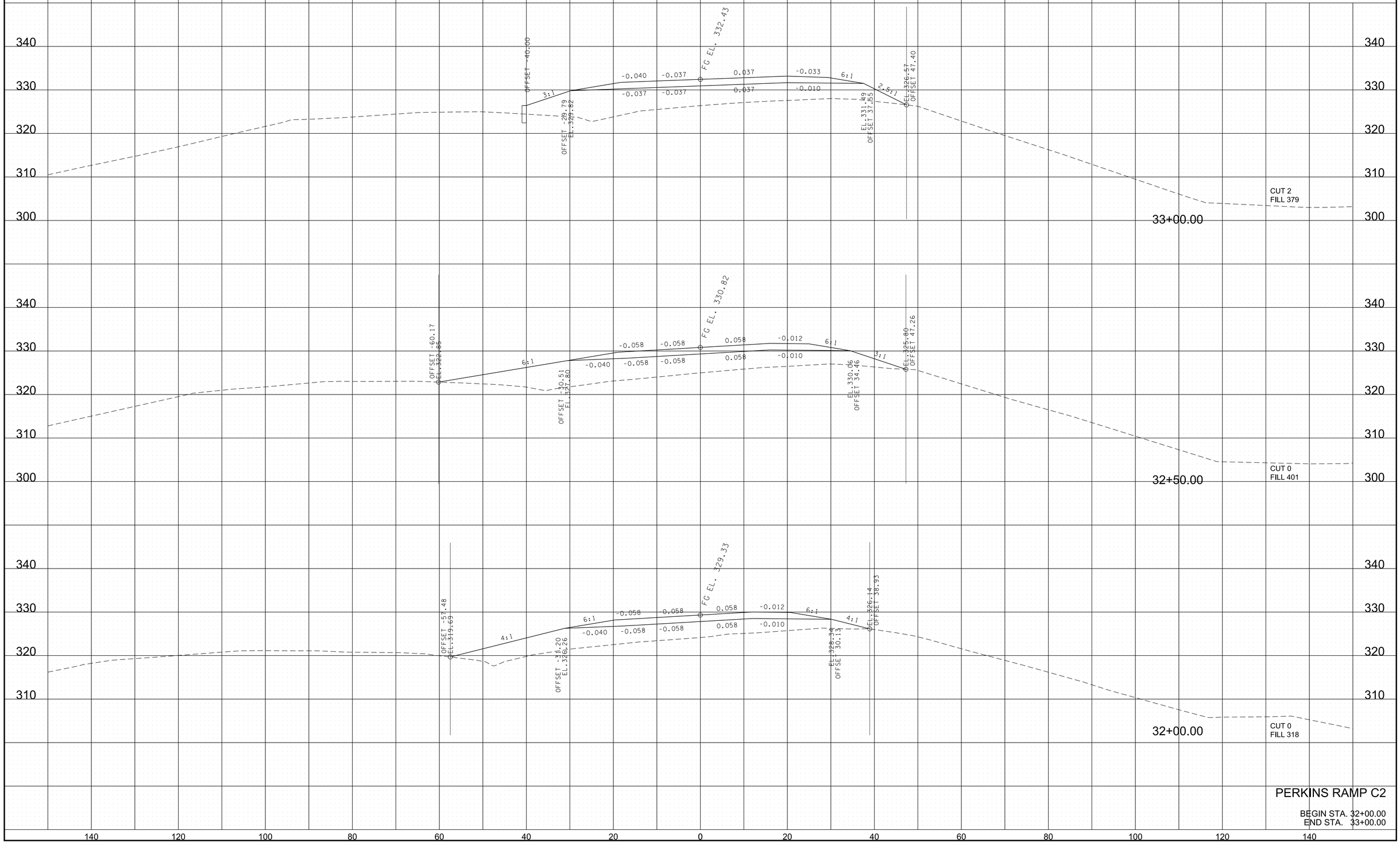
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:40 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C2.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	138
PIH	2026	STP/NH-4(6)	155

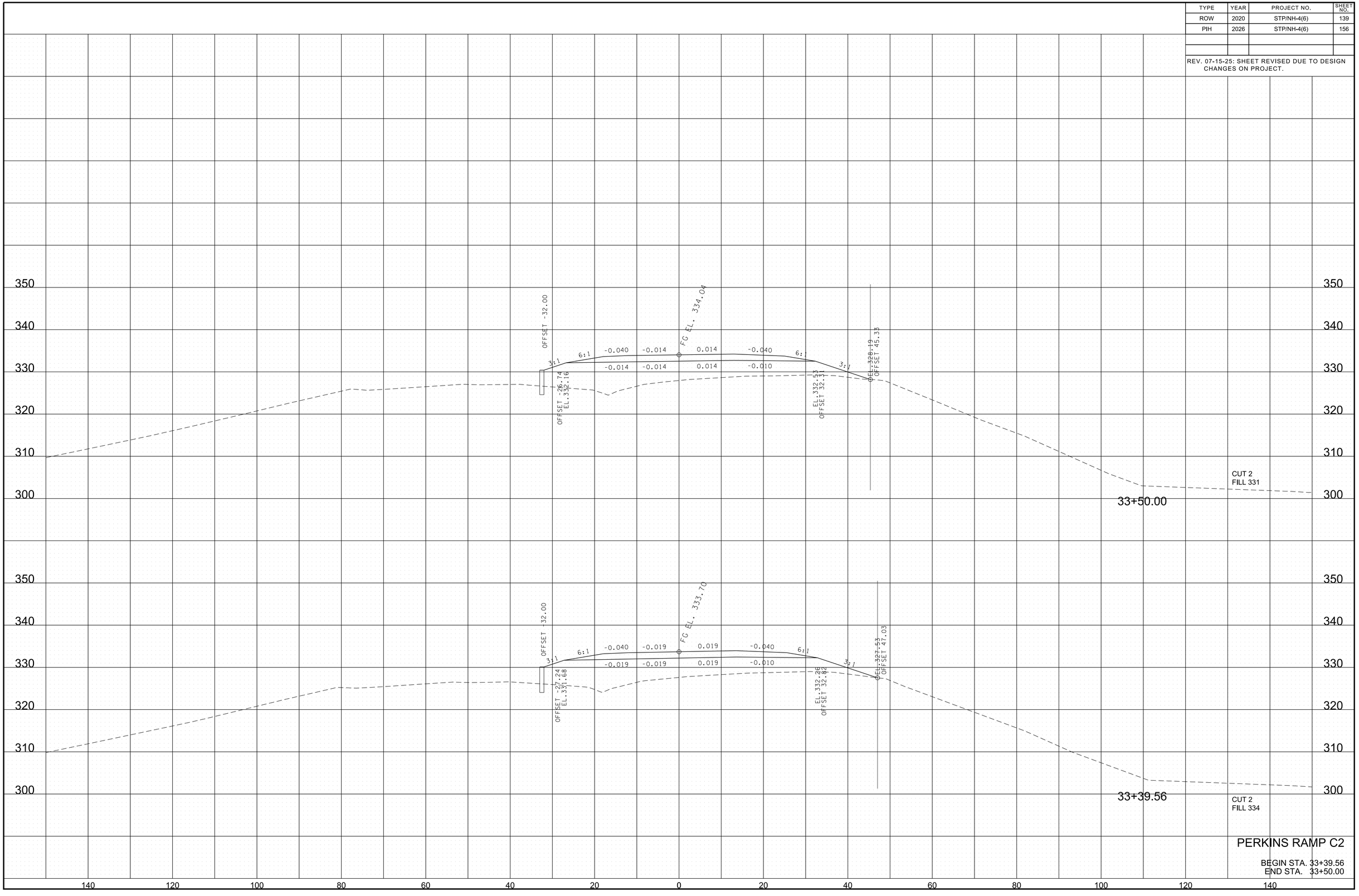
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:41 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor AIt\Microstation\XSECSHEETS-Perkins Ramp C2.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	139
PIH	2026	STP/NH-4(6)	156

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



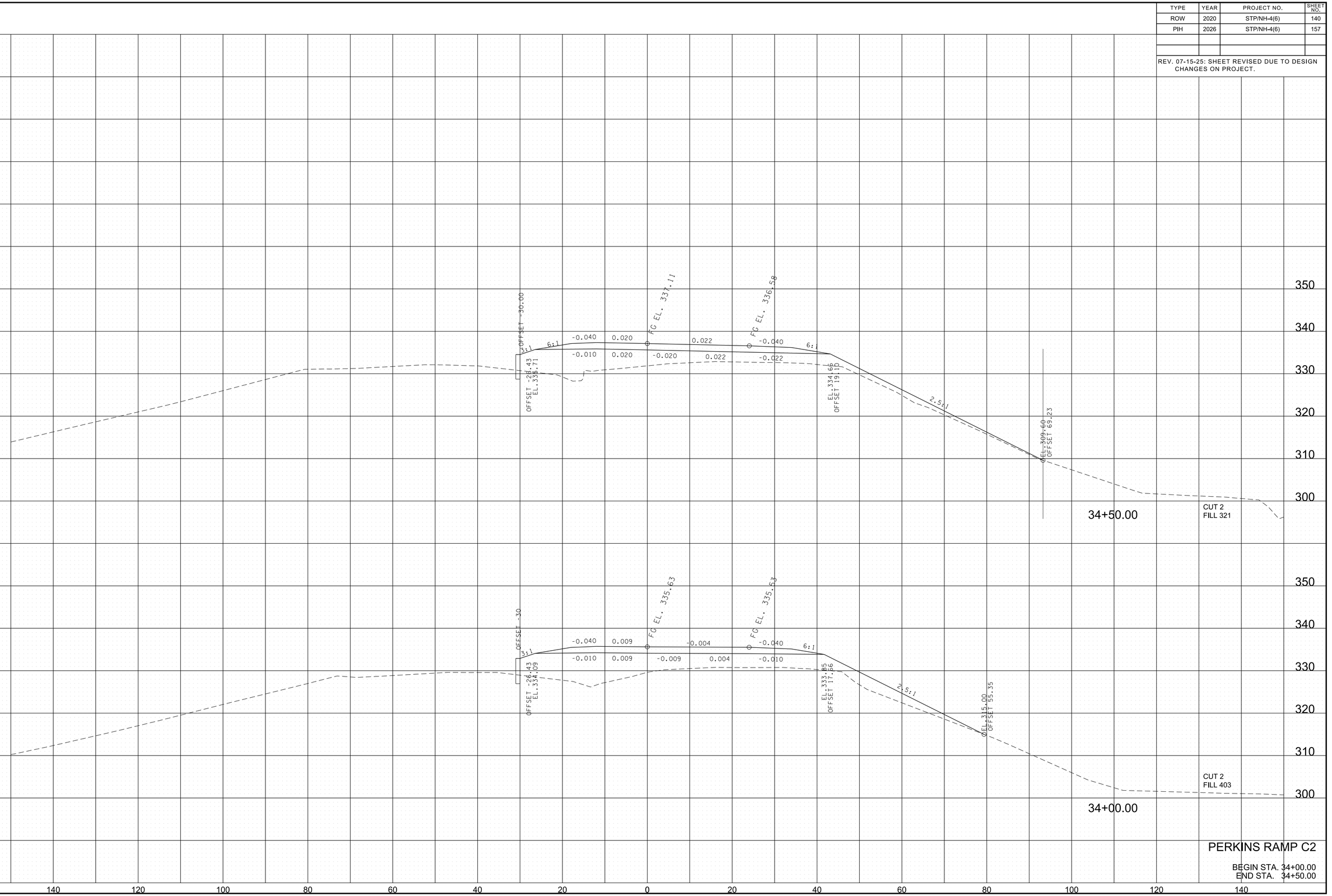
PERKINS RAMP C2

BEGIN STA. 33+39.56
END STA. 33+50.00

3/10/2026 1:03:41 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor AII\Microstation\XSECSHEETS-Perkins Ramp C2.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	140
PIH	2026	STP/NH-4(6)	157

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



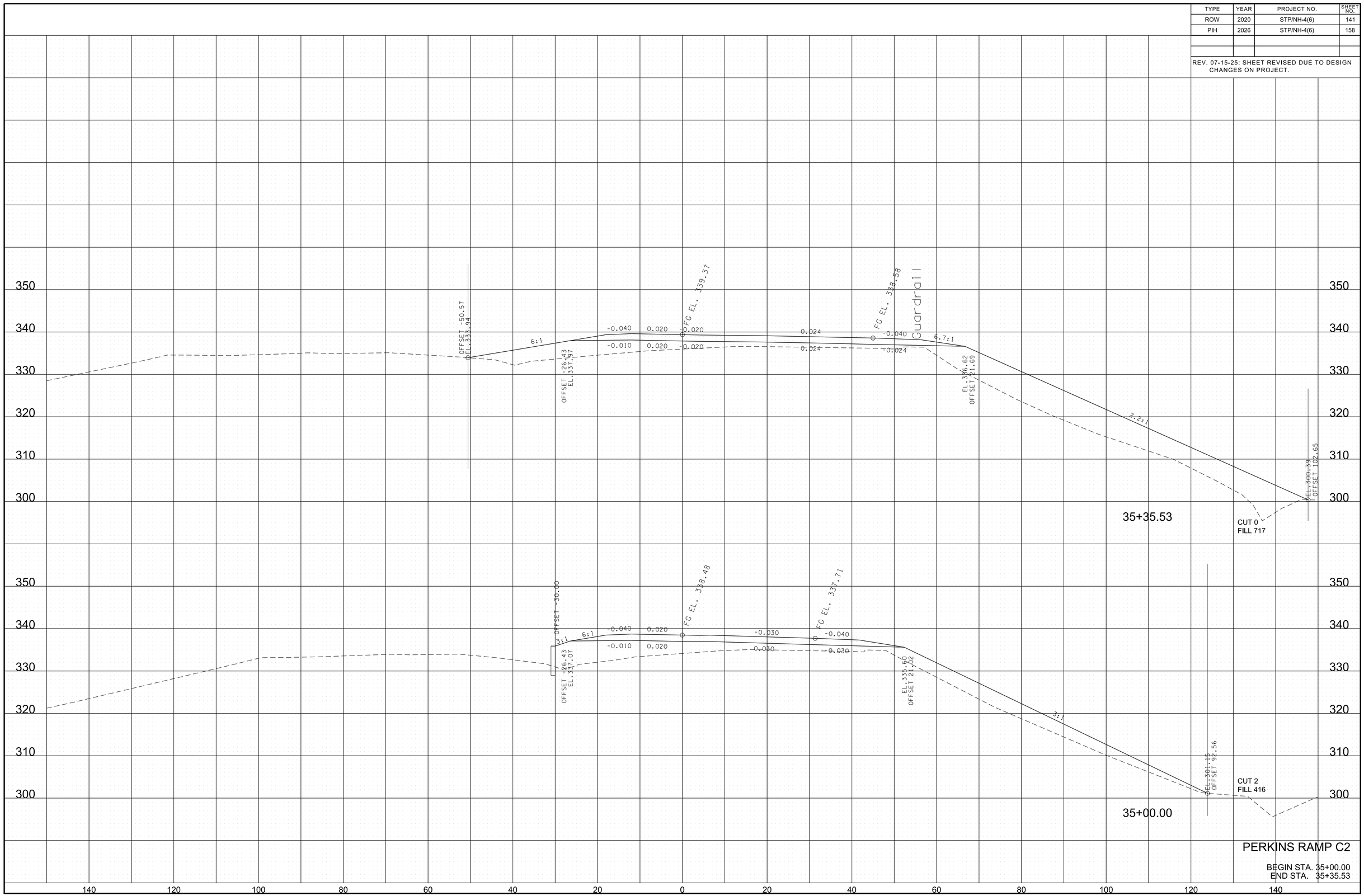
PERKINS RAMP C2

BEGIN STA. 34+00.00
END STA. 34+50.00

3/10/2026 1:03:42 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor AIt\Microstation\XSECSHEETS-Perkins Ramp C2.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	141
PIH	2026	STP/NH-4(6)	158

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



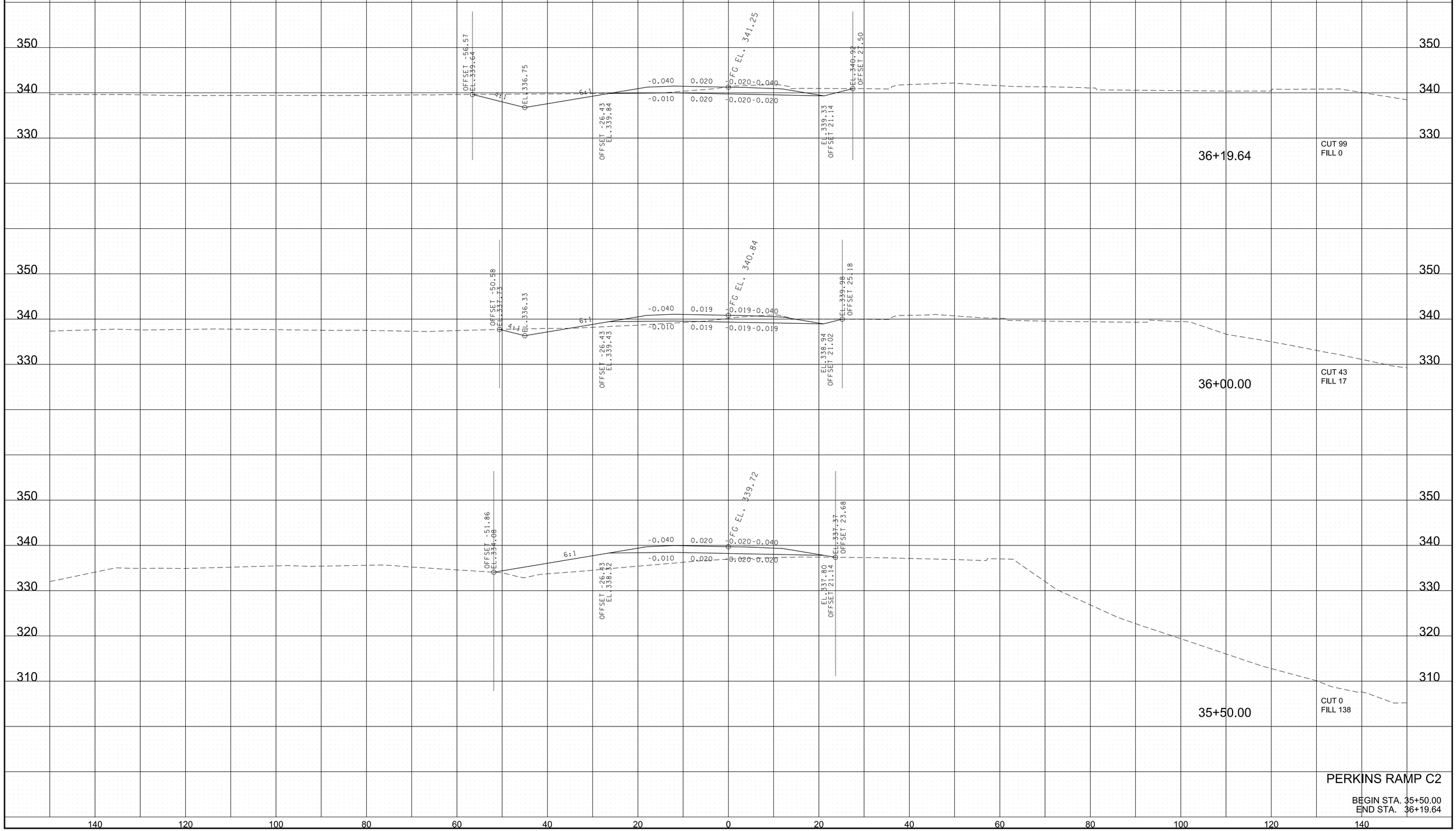
PERKINS RAMP C2

BEGIN STA. 35+00.00
END STA. 35+35.53

3/10/2026 1:03:43 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C2.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	142
PIH	2026	STP/NH-4(6)	159

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



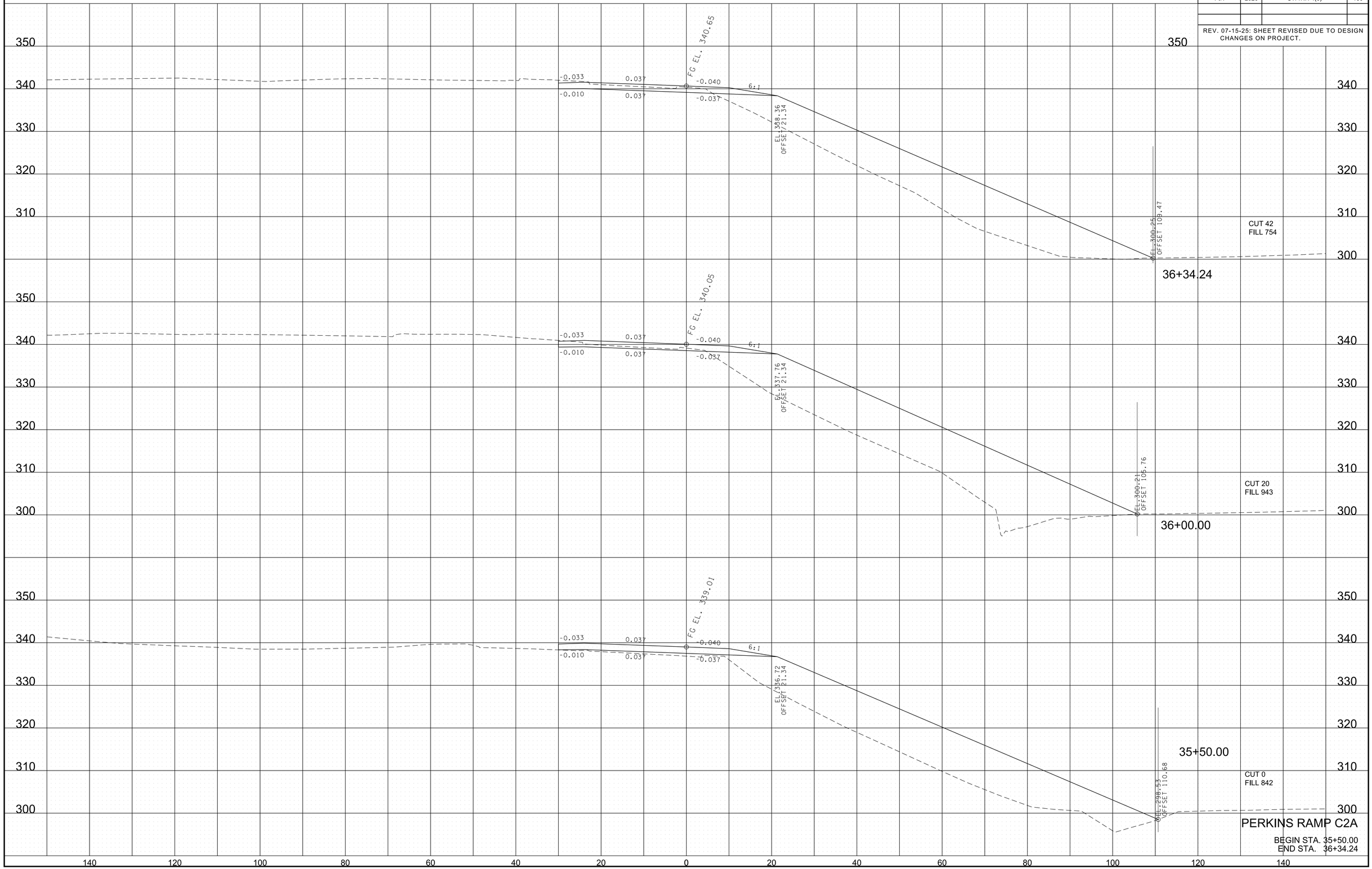
PERKINS RAMP C2

BEGIN STA. 35+50.00
END STA. 36+19.64

3/10/2026 1:03:43 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp C2.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	143
PIH	2026	STP/NH-4(6)	160

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



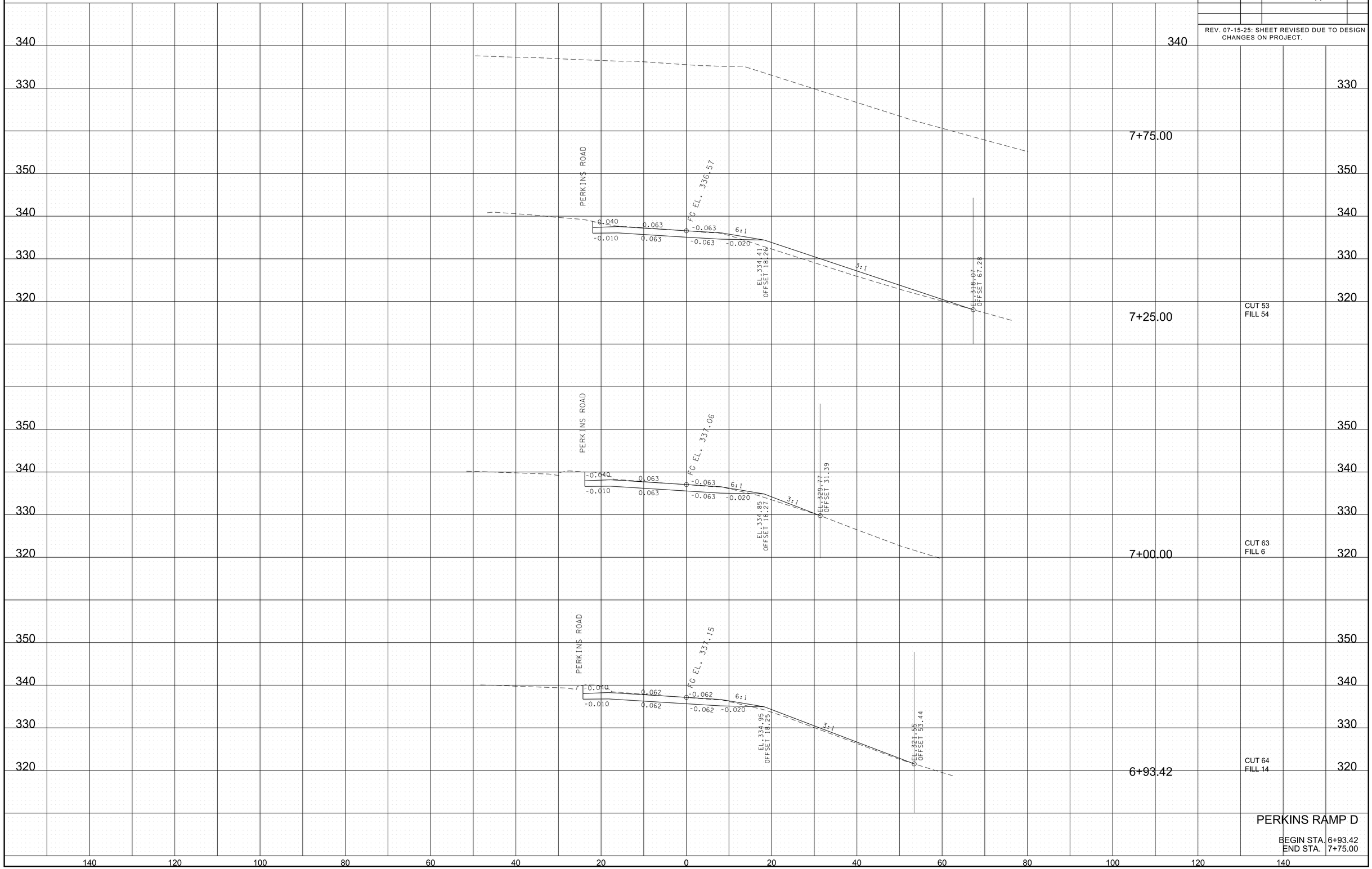
PERKINS RAMP C2A

BEGIN STA. 35+50.00
END STA. 36+34.24

3/10/2026 1:03:44 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor All\Microstation\XSECSHEETS-Perkins Ramp C2A.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	144
PIH	2026	STP/NH-4(6)	161

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



PERKINS RAMP D

BEGIN STA. 6+93.42
END STA. 7+75.00

3/10/2026 1:03:45 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp D(Perkins).dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	145
PIH	2026	STP/NH-4(6)	162

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

8+00.00

OFFSET -39.00
@EL.337.62

OFFSET -28.71
EL.339.34

0.057
0.057

℄ FG EL. 339.20

6:1

EL.336.56
OFFSET 19.68

2:1

OFFSET -73.60
@EL.342.56

4:1

℄EL.336.97

6:1

OFFSET -31.43
EL.340.28

0.042
0.042

℄ FG EL. 340.45

6:1

EL.338.19
OFFSET 18.05

2:1

7+50.00

OFFSET 96.12
@EL.298.36

CUT 67
FILL 171

7+00.00

OFFSET 95.77
@EL.299.33

CUT 155
FILL 258

PERKINS RAMP F1

BEGIN STA. 7+00.00
END STA. 7+50.00

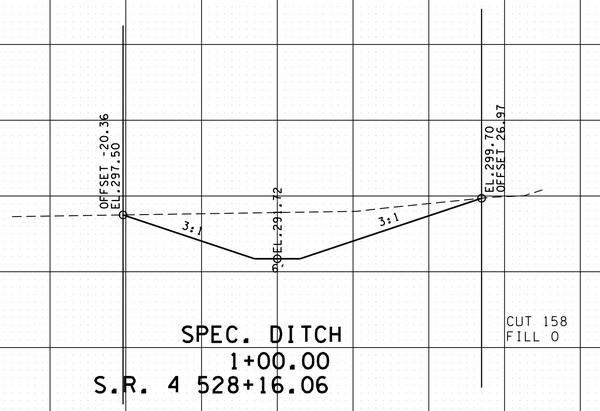
330 320 310 300 340 330 320 310 300 340 330 320 310 300

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

3/10/2026 1:03:45 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-Perkins Ramp F1.dgn

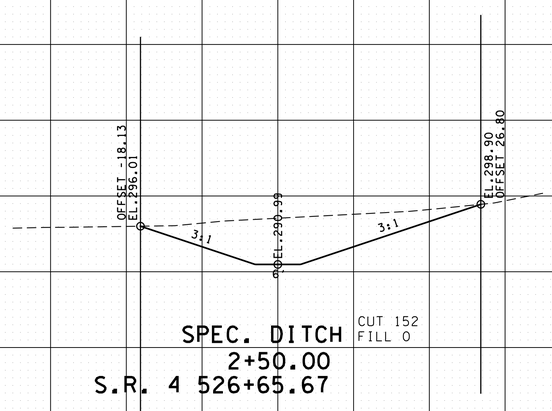
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	146
PIH	2026	STP/NH-4(6)	163

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



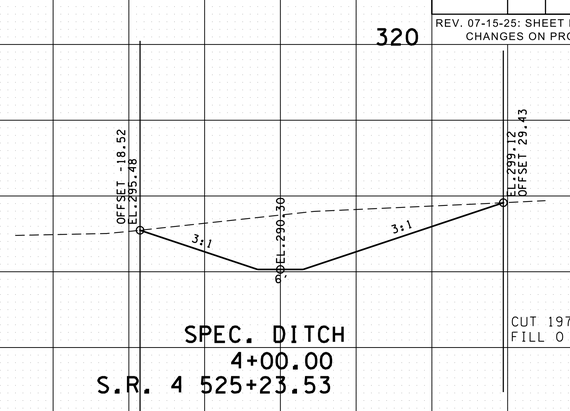
SPEC. DITCH
1+00.00
S.R. 4 528+16.06

CUT 158
FILL 0



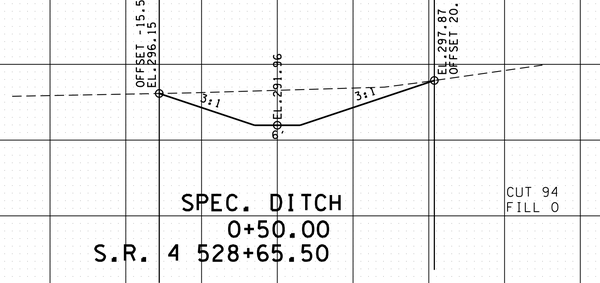
SPEC. DITCH
2+50.00
S.R. 4 526+65.67

CUT 152
FILL 0



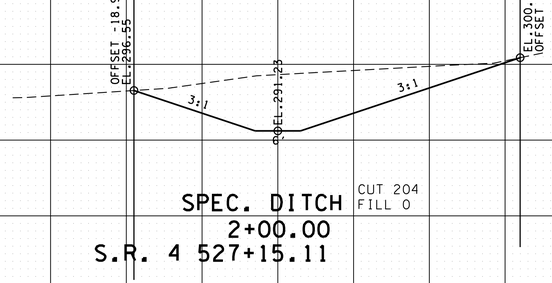
SPEC. DITCH
4+00.00
S.R. 4 525+23.53

CUT 197
FILL 0



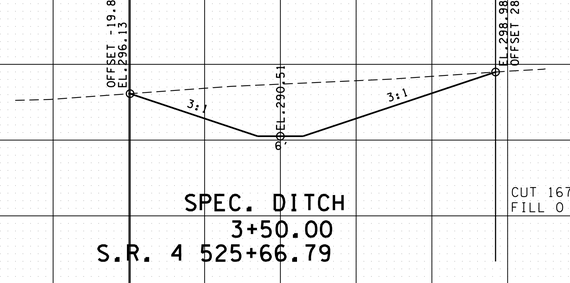
SPEC. DITCH
0+50.00
S.R. 4 528+65.50

CUT 94
FILL 0



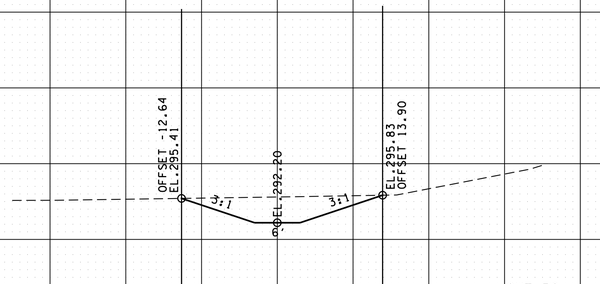
SPEC. DITCH
2+00.00
S.R. 4 527+15.11

CUT 204
FILL 0



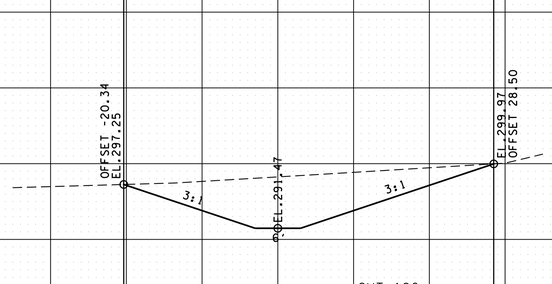
SPEC. DITCH
3+50.00
S.R. 4 525+66.79

CUT 167
FILL 0



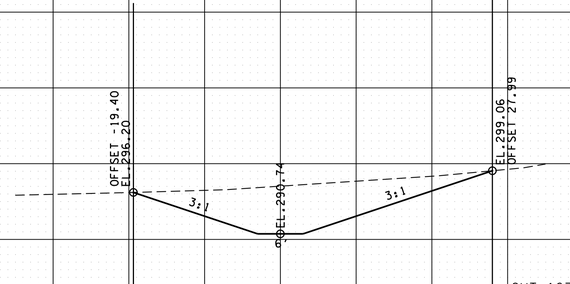
SPEC. DITCH
0+00.00
S.R. 4 550+50.00

CUT 56
FILL 0



SPEC. DITCH
1+50.00
S.R. 4 527+64.56

CUT 186
FILL 0



SPEC. DITCH
3+00.00
S.R. 4 526+14.17

CUT 167
FILL 0

3/10/2026 1:03:46 PM
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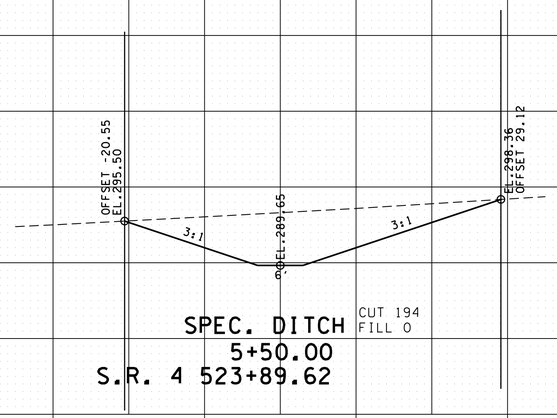
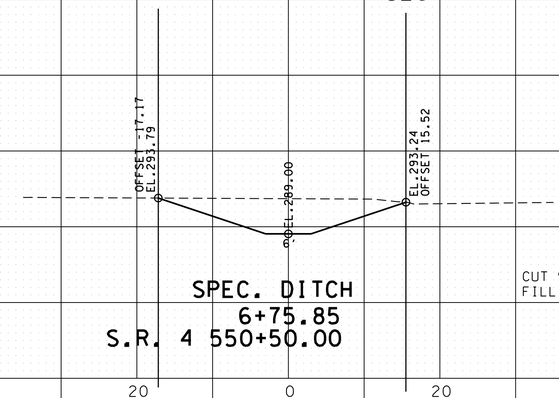
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	147
PIH	2026	STP/NH-4(6)	164

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



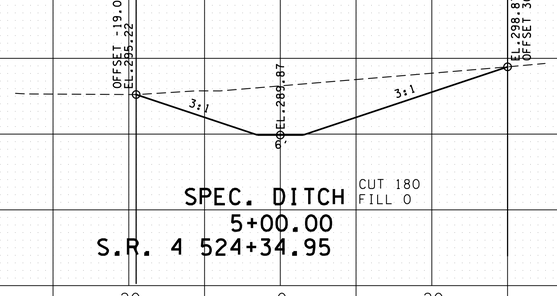
SPEC. DITCH
5+50.00
S.R. 4 523+89.62

CUT 194
FILL 0



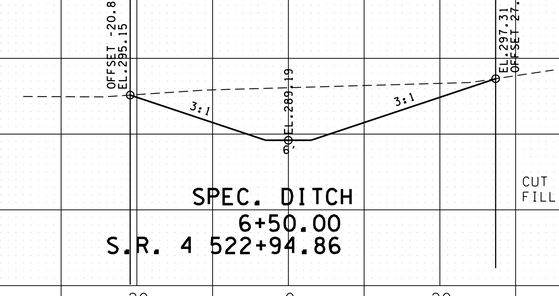
SPEC. DITCH
6+75.85
S.R. 4 550+50.00

CUT 92
FILL 0



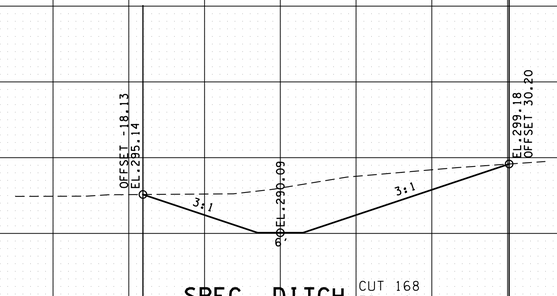
SPEC. DITCH
5+00.00
S.R. 4 524+34.95

CUT 180
FILL 0



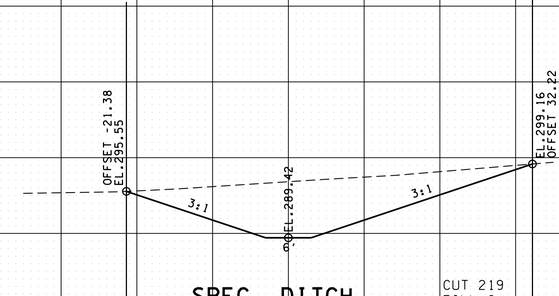
SPEC. DITCH
6+50.00
S.R. 4 522+94.86

CUT 186
FILL 0



SPEC. DITCH
4+50.00
S.R. 4 524+80.27

CUT 168
FILL 0



SPEC. DITCH
6+00.00
S.R. 4 523+42.24

CUT 219
FILL 0

3/10/2026 1:03:46 PM
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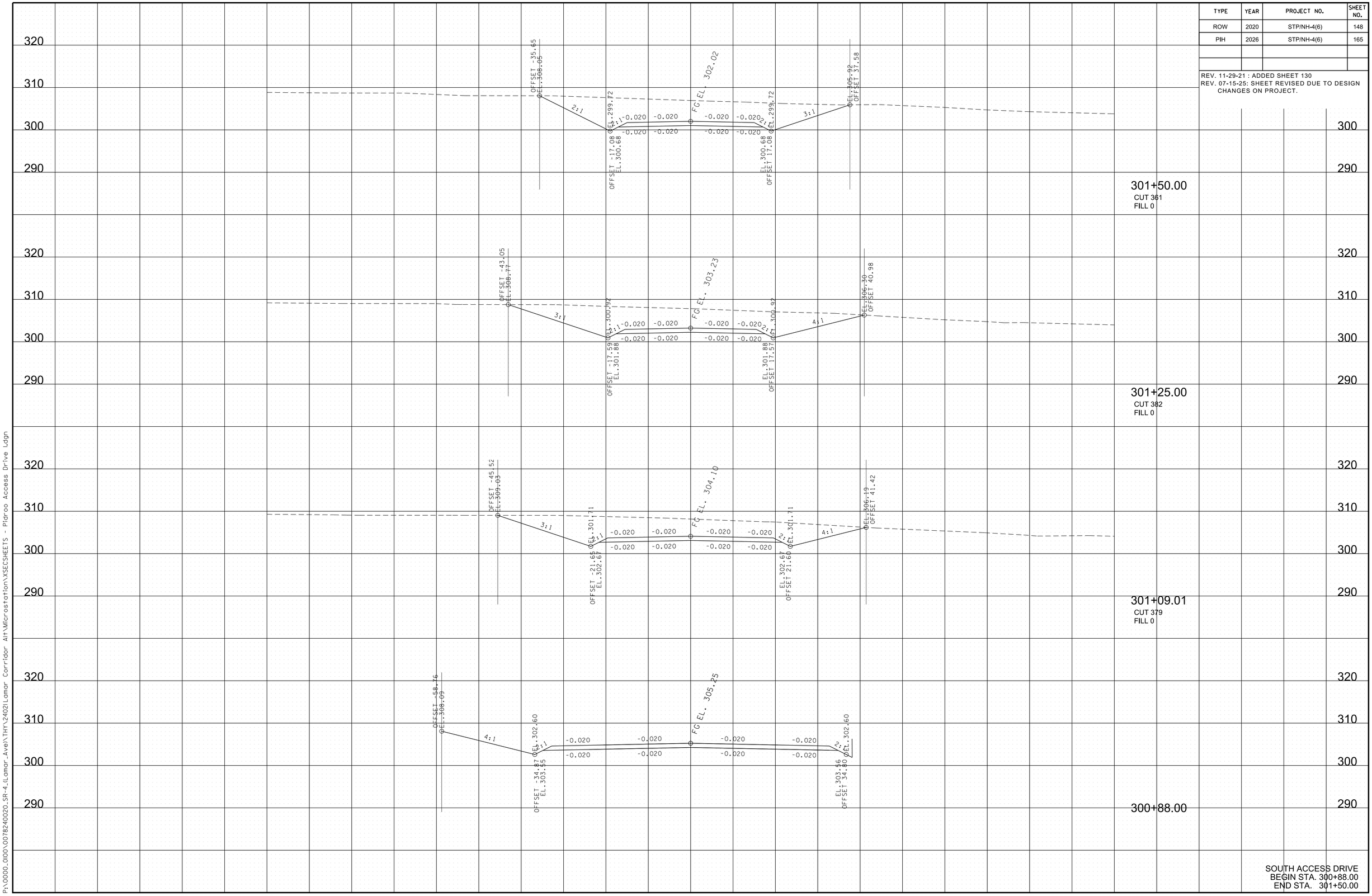
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	148
PIH	2026	STP/NH-4(6)	165

REV. 11-29-21 : ADDED SHEET 130
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



SOUTH ACCESS DRIVE
BEGIN STA. 300+88.00
END STA. 301+50.00

3/10/2026 1:03:47 PM
P:\0000_0\00\0078240020_SR-4_(Lamar_Ave)\THY\2402\Lamar Corridor Alt\Microstation\XSECSHEETS - Pidroo Access Drive.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	149
PIH	2026	STP/NH-4(6)	166

REV. 11-29-21 : ADDED SHEET 131
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.

SOUTH ACCESS DRIVE
BEGIN STA. 301+75.00
END STA. 302+27.79

3/10/2026 1:03:47 PM
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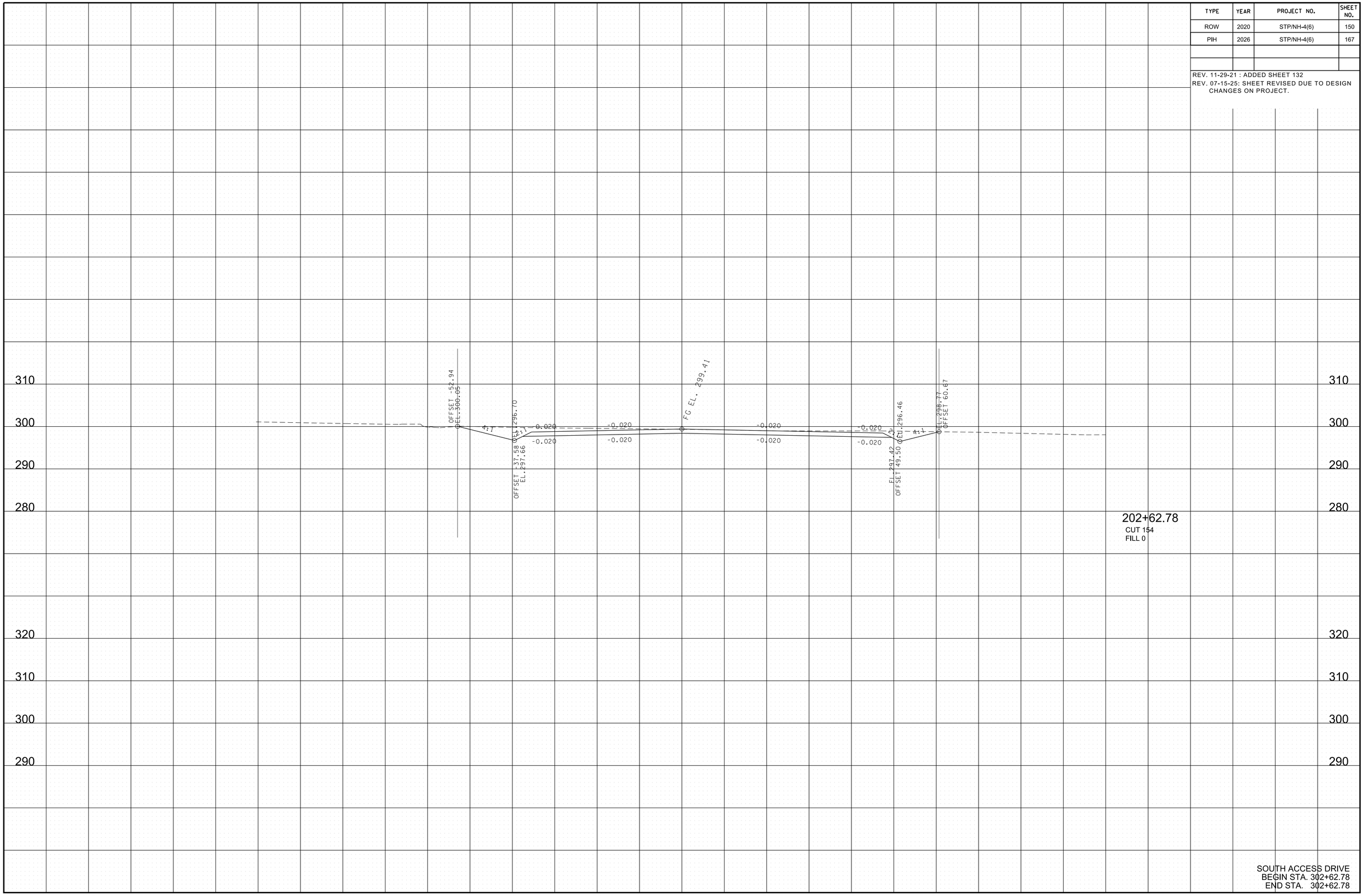
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	150
PIH	2026	STP/NH-4(6)	167

REV. 11-29-21 : ADDED SHEET 132
REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



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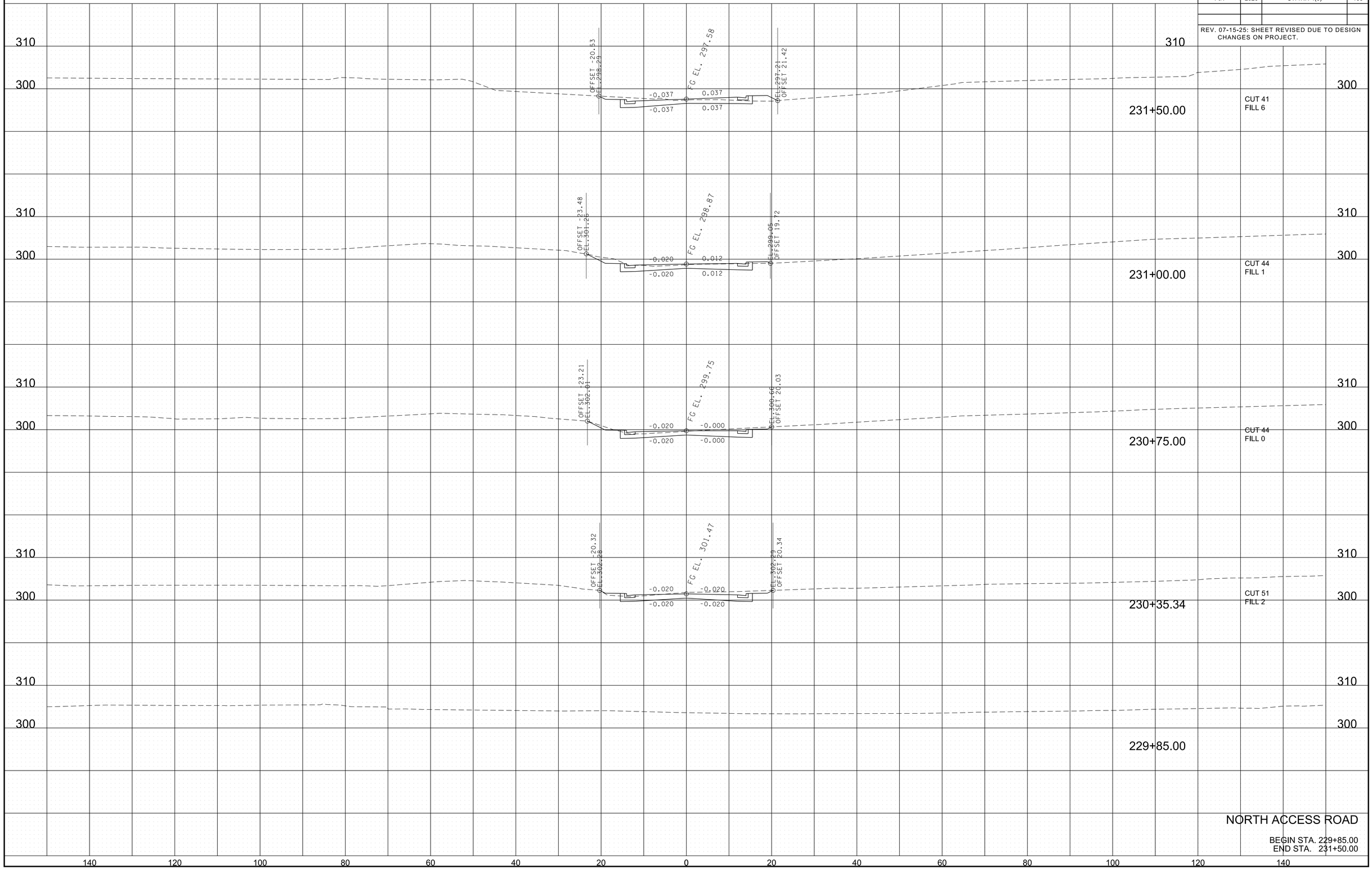
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	151
PIH	2026	STP/NH-4(6)	168

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



NORTH ACCESS ROAD

BEGIN STA. 229+85.00
END STA. 231+50.00

3/10/2026 1:03:49 PM
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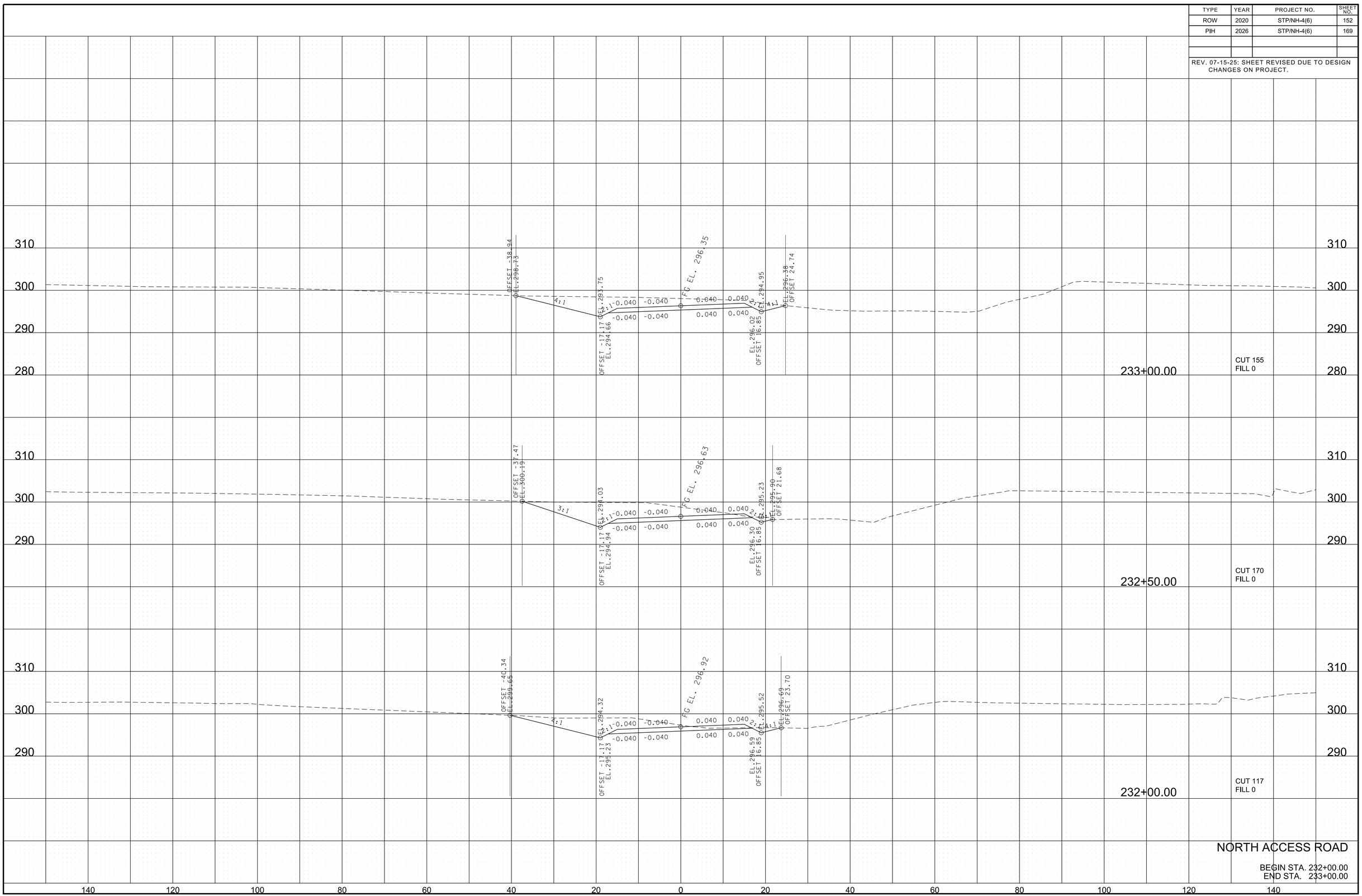
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	152
PIH	2026	STP/NH-4(6)	169

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



NORTH ACCESS ROAD

BEGIN STA. 232+00.00
END STA. 233+00.00

3/10/2026 1:03:50 PM
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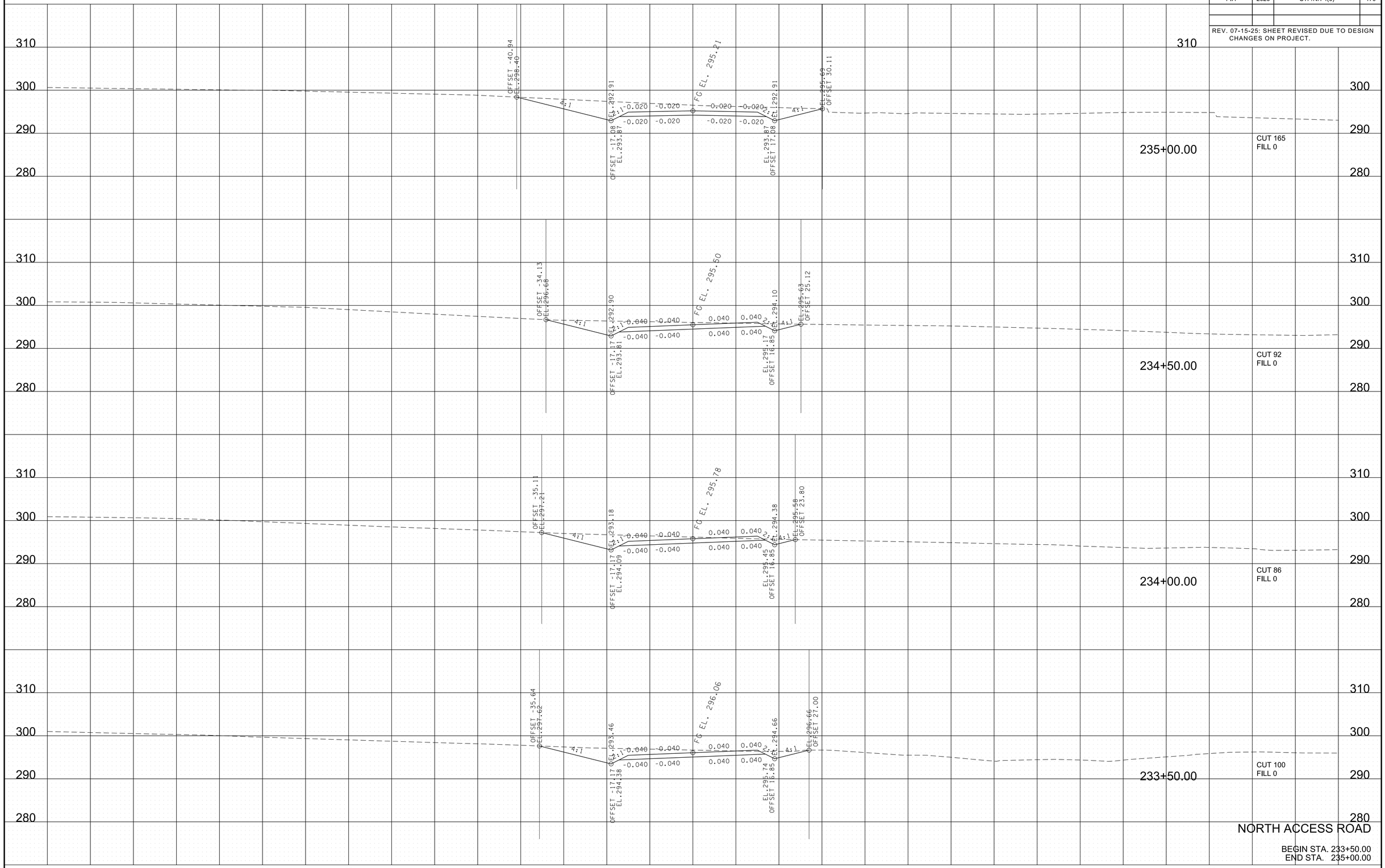
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	153
PIH	2026	STP/NH-4(6)	170

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



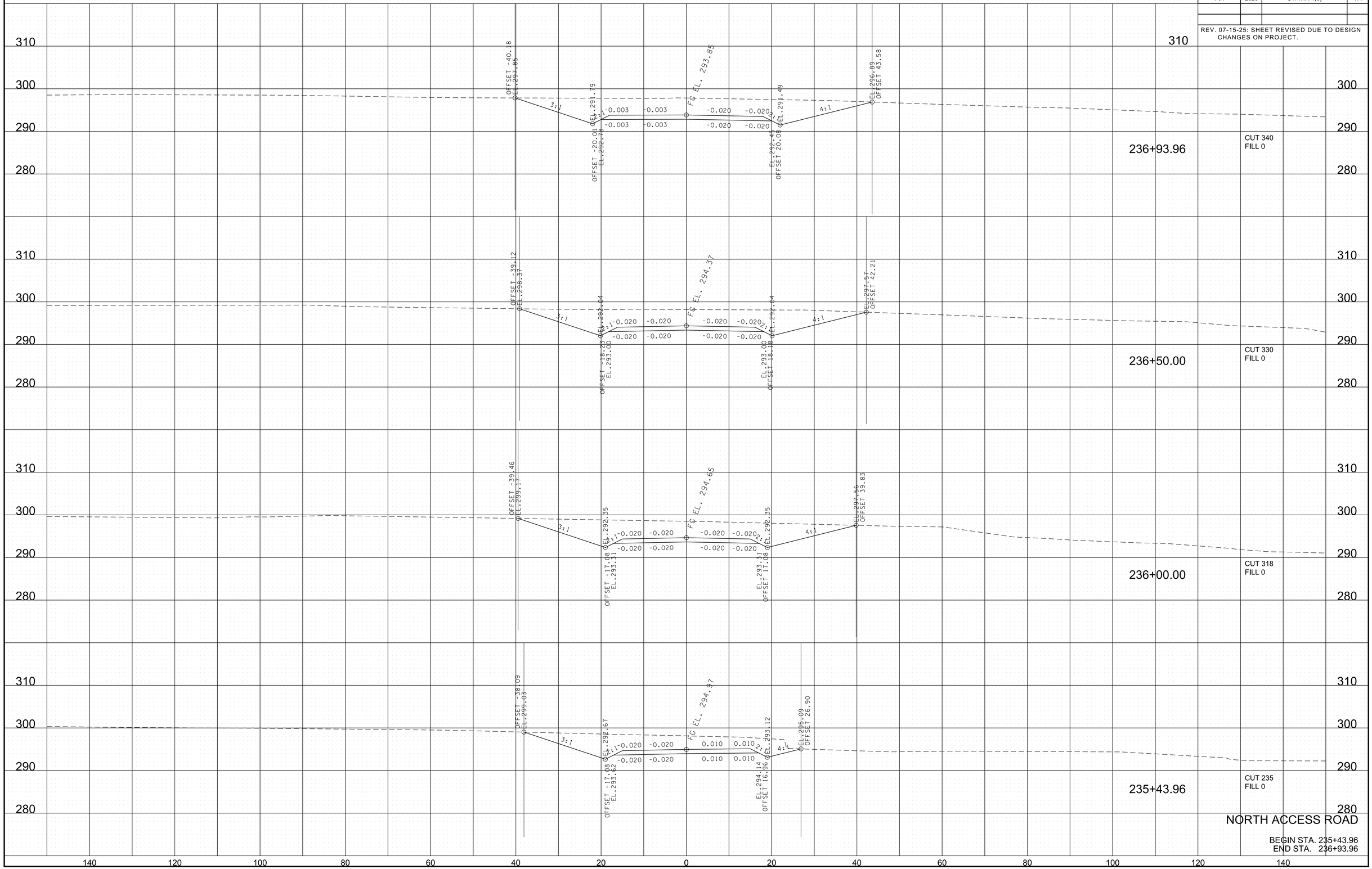
NORTH ACCESS ROAD

BEGIN STA. 233+50.00
END STA. 235+00.00

3/10/2026 1:03:50 PM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\XSECSHEETS-NAccessRoad.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	154
PIH	2026	STP/NH-4(6)	171

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



3/10/2026 1:03:51 PM
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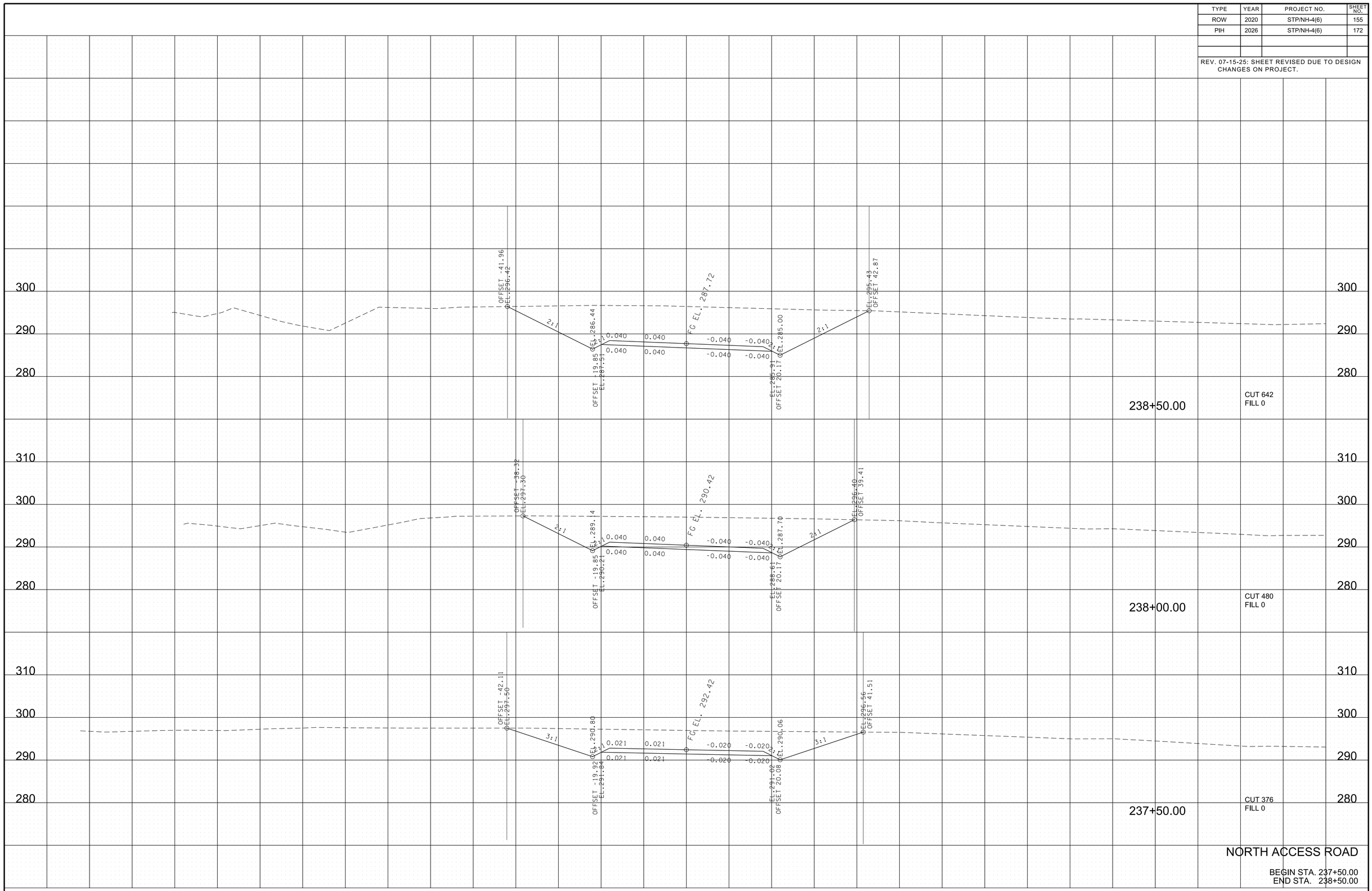
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	155
PIH	2026	STP/NH-4(6)	172

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



NORTH ACCESS ROAD

BEGIN STA. 237+50.00
END STA. 238+50.00

3/10/2026 1:03:52 PM
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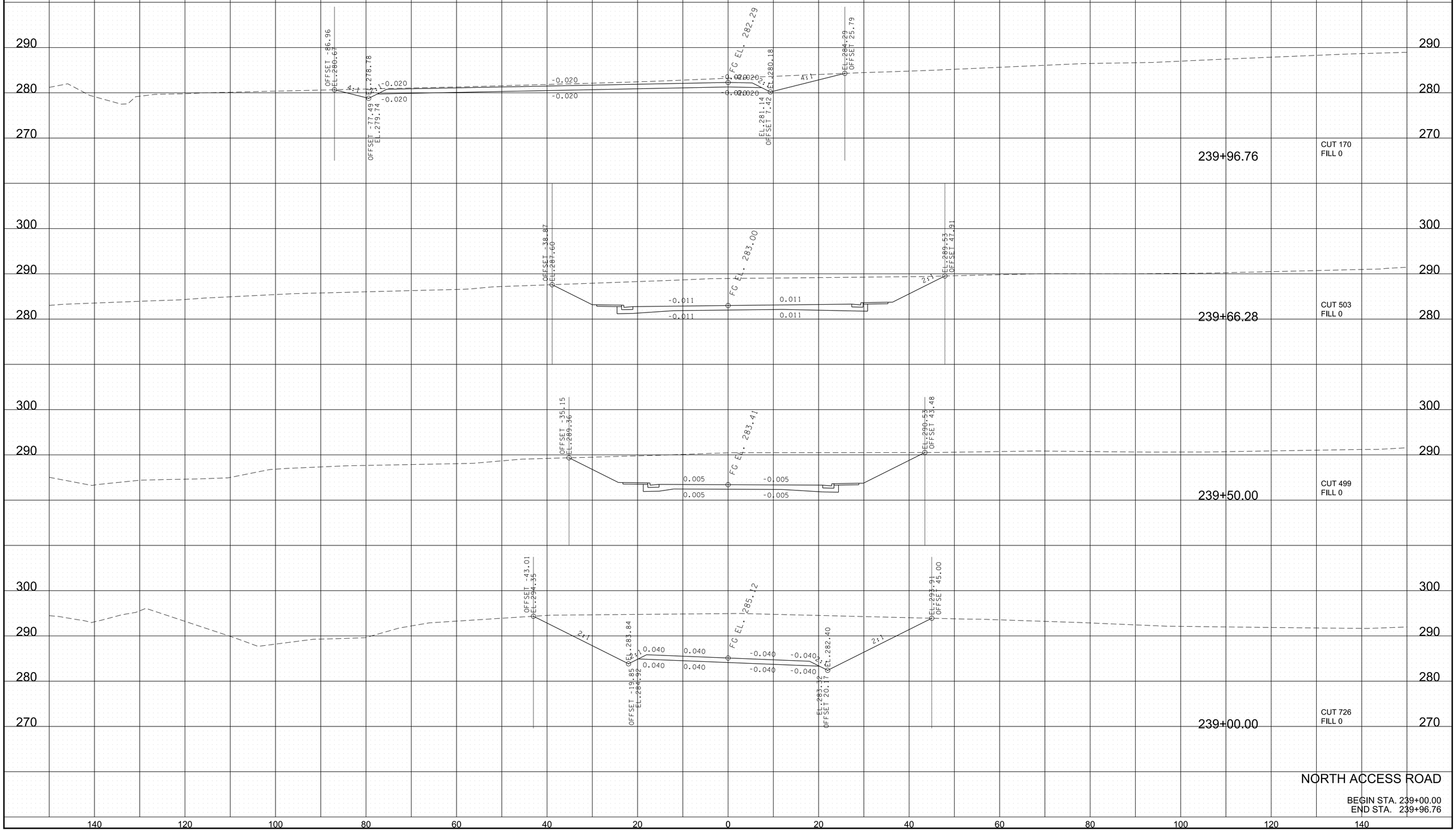
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	156
PIH	2026	STP/NH-4(6)	173

REV. 07-15-25: SHEET REVISED DUE TO DESIGN CHANGES ON PROJECT.



NORTH ACCESS ROAD

BEGIN STA. 239+00.00
END STA. 239+96.76

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PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T1

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:

   a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

   c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

   d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 1.75 INCHES AND NOT EXCEEDING 6 INCHES, TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.

   a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

   b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE REGIONAL TRAFFIC ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

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

   a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

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

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

   c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO 6 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 0.75 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.

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T1
PIH	2026	STP/NH-4(6)	T2

TRAFFIC CONTROL SIGN SCHEDULE

SIGN TYPE	MUTCD NUMBER	SIZE AREA	UNIT	PHASE ONE A	PHASE ONE B	PHASE TWO	PHASE THREE	PHASE FOUR	TOTAL
	W4-2LC	36" X 36" 9 s.f.	S.F.	27	18	-	-	18	27
	W4-2RC	36" X 36" 9 s.f.	S.F.	9	18	-	45	18	45
	W6-3	36" X 36" 9 s.f.	S.F.	36	36	-	36	27	36
	W13-1	18" X 18" 2.25 s.f.	S.F.	11.25	9	-	-	-	11.25
	W20-1	36" X 36" 9 s.f.	S.F.	45	-	117	54	63	117
	W20-5AR	36" X 36" 9 s.f.	S.F.	-	18	-	18	18	18
	W20-1F	36" X 36" 9 s.f.	S.F.	-	-	-	27	27	27
	W20-1F	36" X 36" 9 s.f.	S.F.	9	-	-	-	-	9
	W20-1M	36" X 36" 9 s.f.	S.F.	9	9	-	27	27	27
	R1-2	36" X 36" X 36" 3.9 s.f.	S.F.	3.9	-	-	7.8	-	7.8
	R9-9	24" X 12" 2 s.f.	S.F.	-	-	-	8	4	8
	W1-4L	30" X 30" 6.25 s.f.	S.F.	12.5	12.5	-	-	-	12.5
	W1-4BL	30" X 30" 6.25 s.f.	S.F.	-	-	-	9	27	27
	W1-4BR	30" X 30" 6.25 s.f.	S.F.	-	-	-	27	-	27
	W20-1M	36" X 36" 9 s.f.	S.F.	36	36	-	45	45	45
	W20-5L	36" X 36" 9 s.f.	S.F.	36	18	-	9	18	36
	W20-5R	36" X 36" 9 s.f.	S.F.	18	-	-	9	-	18
	W20-5AL	36" X 36" 9 s.f.	S.F.	-	18	-	9	9	18
	G20-2	36" X 18" 4.5 s.f.	S.F.	40.5	36	9	49.5	40.5	49.5

TRAFFIC CONTROL SIGN SCHEDULE

SIGN TYPE	MUTCD NUMBER	SIZE AREA	UNIT	PHASE ONE A	PHASE ONE B	PHASE TWO	PHASE THREE	PHASE FOUR	TOTAL
	R6-7B	24" X 30" 5 s.f.	S.F.	5	10	-	-	-	10
	W1-6	48" X 24" 8 s.f.	S.F.	40	16	-	8	-	40
	R4-7	24" X 30" 5 s.f.	S.F.	10	10	-	10	10	10
	E5-1	72" X 60" 30 s.f.	S.F.	60	60	-	30	30	60
	R11-2	48" X 30" 10 s.f.	S.F.	30	20	20	10	10	30
	W4-5	30" X 30" 6.25 s.f.	S.F.	12.5	-	-	25	-	25
	W4-3R	30" X 30" 6.25 s.f.	S.F.	12.5	-	-	-	-	12.5
	W20-5R (MOD)	36" X 36" 9 s.f.	S.F.	18	9	-	-	-	18
	W3-5	36" X 36" 9 s.f.	S.F.	-	-	-	27	27	27
	R2-1	30" X 36" 7.5 s.f.	S.F.	-	-	-	15	22.5	22.5
	W1-4R	30" X 30" 6.25 s.f.	S.F.	6.25	6.25	-	-	-	6.25
	W21-5BL	36" X 36" 9 s.f.	S.F.	18	-	-	-	-	18
	W13-1	18" X 18" 2.25 s.f.	S.F.	-	-	-	4,5	4,5	4,5
	E5-2	48" X 48" 16 s.f.	S.F.	-	-	-	-	16	16
								TOTAL	865.8 SF

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T2A

TRAFFIC CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY PHASE I A	PHASE I B	PHASE II	PHASE III	PHASE IV	TOTAL
	307-01.21	ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING "A-S"	TON	-	-	-	-	-	4890
	307-02.01	ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING "A"	TON	-	-	-	-	-	8830
	307-02.08	ASPHALT CONCRETE MIX (PG 70-22) (BPMB-HM) GRADING "B-M2"	TON	-	-	-	-	-	4340
	309-01.01	MINERAL AGGREGAE (A-CBC)	TON	-	-	-	-	-	1375
	309-01.02	PORTLAND CEMENT (A-CBC)	TON	-	-	-	-	-	515
	309-02	BITUMINOUS MATERIAL (A-CBC)	TON	-	-	-	-	-	27
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	-	-	-	-	-	200
	411-02.10	ACS MIX (PG70-22) GRADING "D"	TON	-	-	-	-	-	2050
	712-01	TRAFFIC CONTROL	LS	1	1	1	1	1	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	4125	4900	-	2600	1050	12675
	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EA.	7	6	-	6	4	23
1.	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EA.	175	137	262	371	276	1371
	712-04.50	BARRIER RAIL DELINEATOR	EA.	-	-	-	-	-	325
	712-05.01	WARNING LIGHTS (TYPE A)	EA.	8	4	4	4	4	24
	712-06	SIGNS (CONSTRUCTION)	S.F.	-	-	-	-	-	865.8
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	32	16	40	16	16	40
	712-08.03	ARROW BOARD (TYPE C)	EA.	3	2	-	3	2	3
	712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	-	-	46700	-	-	46700
	712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	-	-	-	-	-	950
	712-09.05	REMOVABLE PAVEMENT MARKING (ARROW)	EA.	-	-	-	-	2	2
	712-09.08	REMOVABLE PAVEMENT MARKING (6" LINE)	L.F.	-	18240	-	-	-	18240
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EA.	-	-	-	-	-	20
	716-01.07	TEMPORARY RAISED PAVEMENT MARKER,YELLOW	EA.	-	-	-	-	-	260
	716-05.02	PAINTED PAVEMENT MARKING (8" LINE)	L.F.	-	-	-	52950	-	52950
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.F.	17850	-	-	-	-	17850

FOOTNOTES

1. ADDITIONAL 150 DRUMS ARE FOR MAINTAINING DRIVEWAY AND SIDE ROAD ACCESS

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN IN HAND

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T2
PIH	2026	STP/NH-4(6)	T2B

TRAFFIC CONTROL NOTES

1) THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) AND PHASING NOTES IS TO ADJUST THE TRAFFIC FLOW PATTERNS ALONG S.R. 4 (LAMAR AVENUE), PERKINS/RAINES INTERCHANGE, WINCHESTER INTERCHANGE, GETWELL INTERCHANGE AND OTHER SIDE ROADS WITHIN THE VICINITY OF THE CONSTRUCTION LIMITS TO MAINTAIN SAFE, EFFICIENT TRAFFIC OPERATIONS AND MAZIMIZE THE CONSTRUCTION WORK ZONES FOR THIS CONSTRUCTION PROJECT. THIS PLAN IS DEVELOPED WITH SOME ASSUMPTION OF THE GENERAL CONSTRUCTION PHASINGS. THIS IS NOT INTENDED TO REPLACE OR DICTATE THE ACTUAL CONSTRUCTION SEQUENCE OF THE CONTRACTOR.
2) ACCESS TO ALL EXISTING BUSINESSES MUST BE MAINTAINED AT ALL TIMES. THE COST SHALL BE INCLUDED IN ITEM 712-01, TRAFFIC CONTROL.
3) CONTRACTOR SHALL DEVELOP SUB-PHASES TO EFFECTIVELY MAINTAIN ACCESS TO SIDE ROADS AND EXISTING BUSINESSES DURING CONSTRUCTION. SUB-PHASING TRAFFIC CONTROL PLAN SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
4) THE WORK ZONE HAS 10 MPH SPEED REDUCTION.

PHASING NOTES

PHASE 1A

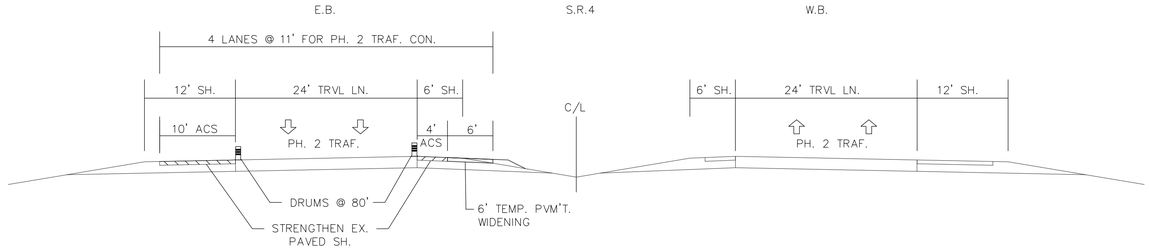
1) PHASE 1 INVOLVES THE CONSTRUCTION OF THE PERKINS/RAINES AND GETWELL INTERCHANGE. THESE THREE BRIDGES OVER S.R. 4 (LAMAR AVE.) NEEDED TO WIDEN FIRST IN ORDER TO MAINTAIN 2 LANES PER DIRECTION IN WEST BOUND OR EAST BOUND OF S.R. 4 (LAMAR AVE.).
2) CONSTRUCT WEST BOUND PERKINS/RAINES INTERCHANGE & BRIDGE WHILE MAINTAINING TRAFFIC ON EAST BOUND PERKINS/RAINES.
3) CONSTRUCT EB GETWELL BRIDGE WHILE MAINTAINING TRAFFIC ON WEST BOUND GETWELL.
4) PRIOR TO ANY LANE CLOSURE AND SHIFTING OF TRAFFIC, THE CONTRACTOR SHALL REMOVE ANY CONFLICTING SIGNS AND PAVEMENT MARKINGS, AND INSTALL NEW TEMPORARY TRAFFIC CONTROL ITEMS SUCH AS ADVANCE SIGNS, ETC AND TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE TO THE PHASE 1A AS SHOWN IN THE PLANS. THE COST OF REMOVAL OF SIGNS & PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF THE ITEM # 712-01, TRAFFIC CONTROL.
5) DUE TO THE LANE CLOSURES AND LANE SHIFTS, TEMPORARY SIGNALS ARE REQUIRED AND SHALL BE INSTALLED PER PLAN. CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEER WITH THE CITY OF MEMPHIS AT 901-636-6710 FOR FURTHER GUIDANCE.
6) THE CONTRACTOR SHALL INSTALL ADDITIONAL SIGNS OR PAVEMENT MARKINGS AS DIRECTED BY THE ENGINEER. COST OF ANY ADDITIONAL ITEMS SHALL BE PAID PER THE UNIT COST OF THE ITEM AS BIDDED.
7) PROPOSED SIDEWALKS IN THE WORK ZONE SHALL BE CLOSED. TEMPORARY ACCESS OR DETOUR WILL NOT BE PROVIDED.

PHASE 1B

1) PHASE 1 INVOLVES THE CONSTRUCTION OF THE PERKINS/RAINES AND GETWELL INTERCHANGE. THESE THREE BRIDGES OVER S.R. 4 (LAMAR AVE.) NEEDED TO WIDEN FIRST IN ORDER TO MAINTAIN 2 LANES PER DIRECTION IN WEST BOUND OR EAST BOUND OF S.R. 4 (LAMAR AVE.).
2) CONSTRUCT EAST BOUND PERKINS/RAINES INTERCHANGE & BRIDGE WHILE MAINTAINING TRAFFIC ON WEST BOUND PERKINS/RAINES.
3) CONSTRUCT WEST BOUND GETWELL BRIDGE WHILE MAINTAINING TRAFFIC ON EAST BOUND GETWELL.
4) PRIOR TO ANY LANE CLOSURE AND SHIFTING OF TRAFFIC, THE CONTRACTOR SHALL REMOVE ANY CONFLICTING SIGNS AND PAVEMENT MARKINGS, AND INSTALL NEW TEMPORARY TRAFFIC CONTROL ITEMS SUCH AS ADVANCE SIGNS, ETC AND TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE TO THE PHASE 1A AS SHOWN IN THE PLANS. THE COST OF REMOVAL OF SIGNS & PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF THE ITEM # 712-01, TRAFFIC CONTROL.
5) DUE TO THE LANE CLOSURES AND LANE SHIFTS, TEMPORARY SIGNALS ARE REQUIRED AND SHALL BE INSTALLED PER PLAN. CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEER WITH THE CITY OF MEMPHIS AT 901-636-6710 FOR FURTHER GUIDANCE.
6) THE CONTRACTOR SHALL INSTALL ADDITIONAL SIGNS OR PAVEMENT MARKINGS AS DIRECTED BY THE ENGINEER. COST OF ANY ADDITIONAL ITEMS SHALL BE PAID PER THE UNIT COST OF THE ITEM AS BIDDED.
7) PROPOSED SIDEWALKS IN THE WORK ZONE SHALL BE CLOSED. TEMPORARY ACCESS OR DETOUR WILL NOT BE PROVIDED. PEDESTRIAN MOVEMENTS WILL BE ALLOWED UPON COMPLETION OF PERKINS/RAINES INTERCHANGE.

PHASE 2

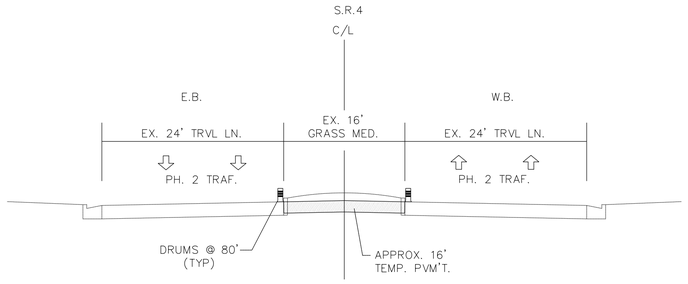
1) PHASE 2 INVOLVES THE CONSTRUCTION OF THE WINCHESTER RAMPS, TEMPORARY BRIDGE WIDENING LAMAR OVER BNSF, SHOULDERS STRENGTHENING, TEMPORARY WIDENING AND MEDIANS REMOVAL. THE PURPOSE OF THIS WORK ZONE IS TO PROVIDE A TWO-LANES PER DIRECTION FOR PHASE 3 AND PHASE 4.
2) TRAFFIC SHALL BE MAINTANED ON EXISTING LANES, WITH SOME MINOR LANE CLOSURES TO FACILITATE THE WIDENING WORK.
3) PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL THE TRAFFIC CONTROL ITEMS IN ACCORDANCE TO PHASE 2 TRAFFIC CONTROL PLANS.
2) STRENGTHEN 4' SHOULDERS & INSTALL 6' TEMPORARY PVM'T WIDENING ALONG INSIDE MEDIAN OF EAST BOUND RURAL S.R. 4 (LAMAR AVE.) AND STRENGTHEN 10' OUTSIDE SHOULDERS EAST BOUND OF RURAL S.R. 4 (LAMAR AVE.). SEE TYPICAL SECTION THIS SHEET.
3) CONSTRUCT THE TEMPORARY BRIDGE WIDENING FOR S.R. 4 (LAMAR AVE.) OVER BNSF BRIDGE. REFER TO BRIDGE PLAN. HAUL ROADS ROAD SHALL BE CONSTRUCTED AS NEEDED.
4) REMOVAL OF MEDIAN ALONG C&G OF S.R. 4 (LAMAR AVE.) & WINCHESTER AND REPLACE WITH TEMPORARY PAVEMENT. SEE TYPICAL SECTION THIS SHEET.
5) CONSTRUCTION OF ALL RAMPS AT THE WINCHESTER INTERCHANGE WITHOUT CURB & GUTTER. WINCHESTER RAMPS WILL MAINTAIN TWO LANES WITH TEMPORARY PAVEMENT WIDENING UP TO 22' LANES WIDTH. THESE RAMPS WILL BE USED AS DETOUR FROM THE LAMAR AND WINCHESTER INTERSECTION.



PHASE 2 CONSTRUCTION

FROM STA. 504+30 (B.O.P.) TO APPROX. STA. 554+50

1. STRENGTHEN EX. PAVED SH. ONE SIDE AT A TIME (10' OUTSIDE/4' INSIDE)
2. ADD 6' TEMP. PVM'T. WIDENDING IN THE MEDIAN.



PHASE 2 CONSTRUCTION

FROM APPROX. STA. 585+00 TO STA. 597+00

1. REMOVE GRASS MEDIAN (WHERE PRESENT) AND CONSTRUCT TEMP. PVM'T.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION

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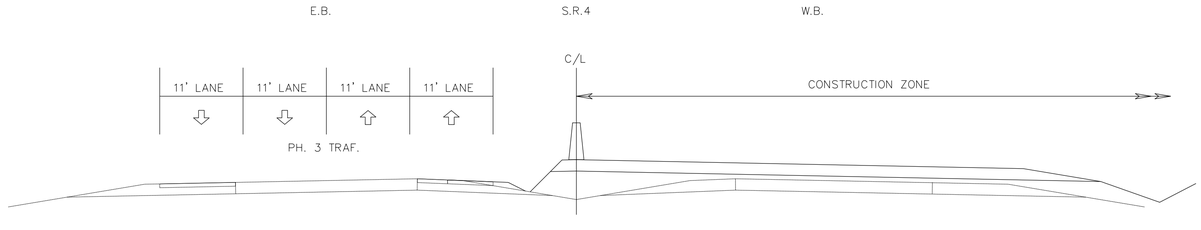
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T2C

PHASE 3

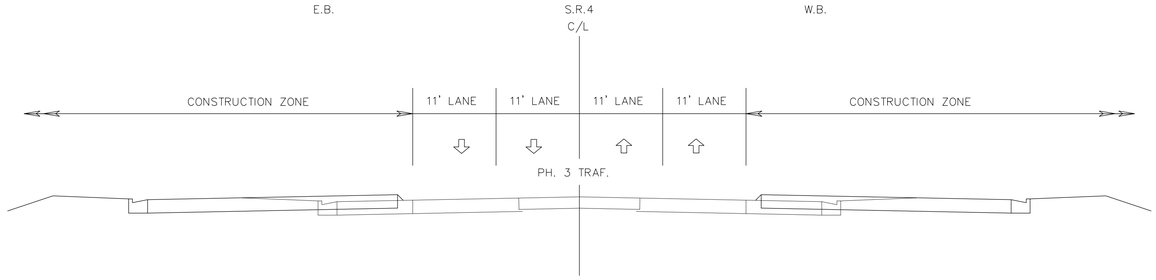
1) PHASE 3 INVOLVES THE CONSTRUCTION OF THE PROPOSED WEST BOUND OF RURAL S.R. 4 (LAMAR AVE.), WINCHESTER INTERCHANGE, AND OUTSIDE LANES OF CURB & GUTTER OF S.R. 4 (LAMAR AVE.). THE NORTH ACCESS, GETWELL RAMPS, GOODLETT, CLEARPOOL (A) AND CLEARPOOL (B) WILL BE CONSTRUCTED.
2) MAINTAIN TWO LANES IN BOTH DIRECTIONS ON EAST BOUND RURAL S.R. 4 (LAMAR AVE.) WITH 11-FOOT TRAFFIC LANES. CONSTRUCT WEST BOUND RURAL S.R. 4 (LAMAR AVE.) FROM BEGINNING OF PROJECT UNTIL THE WINCHESTER INTERCHANGE. REMOVE THE WEST BOUND S.R. 4 (LAMAR AVE.) OVER BNSF BRIDGE AND CONSTRUCT THE NEW BRIDGE. HAUL ROADS SHALL BE CONSTRUCTED AS NEEDED.
3) WINCHESTER RAMPS TO BE USED AS RUN AROUNDS (WITH TEMPORARY PAVEMENT WIDENING UP TO 22') WHILE THE WINCHESTER INTERCHANGE AND BRIDGE IS BEING CONSTRUCTED. A SUB-PHASE FOR WINCHESTER IS REQUIRED FOR EAST BOUND & WEST BOUND. SEE SHEET T6M, T6N, T6P & T6R. DUE TO THE LANE CLOSURES AND LANE SHIFTS, TEMPORARY SIGNALS ARE REQUIRED AND SHALL BE INSTALLED PER PLAN. CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEER WITH THE CITY OF MEMPHIS AT 901-636-6710 FOR FURTHER GUIDANCE.
4) FROM WINCHESTER TO END OF PROJECT CONTINUING TO MAINTAIN TWO LANES IN BOTH DIRECTIONS OF CURB & GUTTER OF S.R. 4 (LAMAR AVE.) USING THE INSIDE LANES AND REINFORCED MEDIAN WITH 11-FOOT TRAFFIC LANES. CONSTRUCTION OF OUTSIDE LANES WITH C&G, SLOPES WHILE MAINTAIN DRIVEWAY ACCESS.
5) PRIOR TO ANY LANE CLOSURE AND SHIFTING OF TRAFFIC, THE CONTRACTOR SHALL REMOVE ANY CONFLICTING SIGNS AND PAVEMENT MARKINGS, AND INSTALL NEW TEMPORARY TRAFFIC CONTROL ITEMS SUCH AS ADVANCE SIGNS, ETC AND TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE TO THE PHASE 3 AS SHOWN IN THE PLANS. THE COST OF REMOVAL OF SIGNS & PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF THE ITEM # 712-01, TRAFFIC CONTROL.
6) THE CONTRACTOR SHALL INSTALL ADDITIONAL SIGNS OR PAVEMENT MARKINGS AS DIRECTED BY THE ENGINEER. COST OF ANY ADDITIONAL ITEMS SHALL BE PAID PER THE UNIT COST OF THE ITEM AS BIDDED.
7) PROPOSED SIDEWALKS IN THE WORK ZONE SHALL BE CLOSED AND TEMPORARY ACCESS WILL NOT BE GRANTED.



PHASE 3 CONSTRUCTION

FROM STA. 504+30 (B.O.P.) TO APPROX. STA. 554+00

1. DIVERT TRAFFIC ONTO THE EX. LEFT SIDE ROADWAY.
2. CONSTRUCT THE RIGHT SIDE ROADWAY AND ALL APPERTENANCES.



PHASE 3 CONSTRUCTION

FROM APPROX. STA. 585+00 TO STA. 597+00

1. DIVERT TRAFFIC ONTO CENTER LANES AND CONSTRUCT OUTSIDE ROADWAYS AND ALL APPURTENANCES.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION

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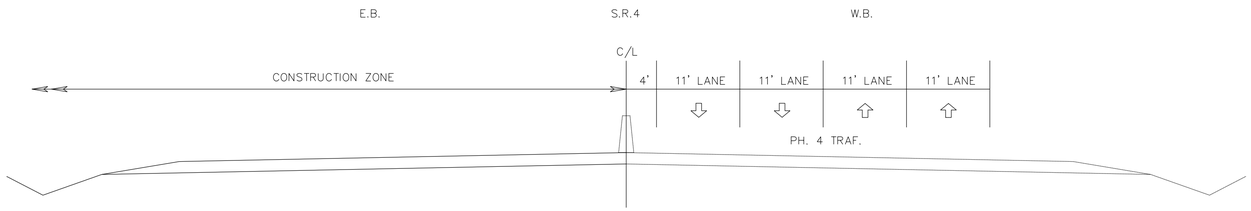
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T2D

PHASE 4

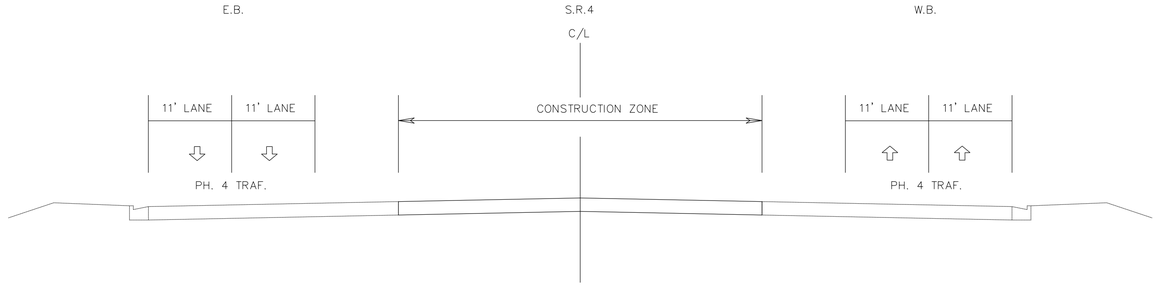
1) PHASE 4 INVOLVES THE CONSTRUCTION OF THE PROPOSED EAST BOUND OF RURAL S.R. 4 (LAMAR AVE.), WINCHESTER RAMPS, SOUTH ACCESS ROAD AND INSIDE LANES OF CURB & GUTTER OF S.R. 4 (LAMAR AVE.).
2) MAINTAIN TWO LANES IN BOTH DIRECTIONS ON WEST BOUND RURAL S.R. 4 (LAMAR AVE.) WITH 11-FOOT TRAFFIC LANES. CONSTRUCT EAST BOUND RURAL S.R. 4 (LAMAR AVE.) FROM BEGINNING OF PROJECT UNTIL THE WINCHESTER INTERCHANGE. REMOVE THE EAST BOUND S.R. 4 (LAMAR AVE.) OVER BNSF BRIDGE AND CONSTRUCT THE REST OF THE BRIDGE. HAUL ROADS SHALL BE CONSTRUCTED AS NEEDED.
3) WINCHESTER RAMPS TO BE COMPLETED AFTER THE WINCHESTER BRIDGE IS CONSTRUCTED. S.R. 4 (LAMAR AVE.) TRAFFIC CAN BE MAINTAINED USING THE NEW WINCHESTER BRIDGE.
4) FROM WINCHESTER TO END OF PROJECT CONTINUING TO MAINTAIN TWO LANES IN BOTH DIRECTIONS OF CURB & GUTTER S.R. 4 (LAMAR AVE.) USING THE PREVIOUSLY CONSTRUCTED OUTSIDE LANES FROM PHASE 3.
5) PRIOR TO ANY LANE CLOSURE AND SHIFTING OF TRAFFIC, THE CONTRACTOR SHALL REMOVE ANY CONFLICTING SIGNS AND PAVEMENT MARKINGS, AND INSTALL NEW TEMPORARY TRAFFIC CONTROL ITEMS SUCH AS ADVANCE SIGNS, ETC AND TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE TO THE PHASE 4 AS SHOWN IN THE PLANS. THE COST OF REMOVAL OF SIGNS & PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF THE ITEM # 712-01, TRAFFIC CONTROL.
5) THE CONTRACTOR SHALL INSTALL ADDITIONAL SIGNS OR PAVEMENT MARKINGS AS DIRECTED BY THE ENGINEER. COST OF ANY ADDITIONAL ITEMS SHALL BE PAID PER THE UNIT COST OF THE ITEM AS BIDDED.
6) PROPOSED SIDEWALKS IN THE WORK ZONE SHALL BE CLOSED AND TEMPORARY ACCESS WILL NOT BE GRANTED.



PHASE 4 CONSTRUCTION

FROM STA. 504+30 (B.O.P.) TO APPROX. STA. 554+00

1. DIVERT TRAFFIC ONTO THE NEW RIGHT SIDE ROADWAY.
2. CONSTRUCT THE LEFT SIDE ROADWAY AND ALL APPERTENANCES.



PHASE 4 CONSTRUCTION

FROM APPROX. STA. 585+00 TO STA. 597+00

1. DIVERT TRAFFIC ONTO BOTH NEW OUTSIDE ROADWAYS AND CONSTRUCT THE REMAINDER ROADWAYS AND ALL APPURTENANCES.

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES, LEGEND AND TABULATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3
PIH	2026	STP/NH-4(6)	T3

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N

S 89^ 17' 08" E

PERKINS RD.

S 89^ 17' 08" E

98.8'

2600' 1100' 500' 1000' 420'

W20-1M 36" x 36" — ROAD WORK 1 MILE

W20-5L 36" x 36" — LEFT LANE CLOSED AHEAD

W20-5L 36" x 36" — LEFT LANE CLOSED AHEAD

W4-2LC 36" x 36"

W20-5R (MOD) 36" x 36" — RIGHT LANE EXIT ONLY

END ROAD WORK G20-2 36" x 18"

W4-3R 36" x 36"

6" SSWL

6" SSYL

6" SBWL

6" SSYL

10

10

MATCHLINE STA 11+00 SEE SHEET T3A

E5-1 72" x 60" — EXIT

KEEP RIGHT R6-7B 24" x 30"

W1-6R 48" x 24"

5

5

5

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BEGIN PROJ. TO STA.11+00
SCALE: 1"=50'

PERKINS / RAINES
PHASE 1A

3/10/2026 11:23:09 AM
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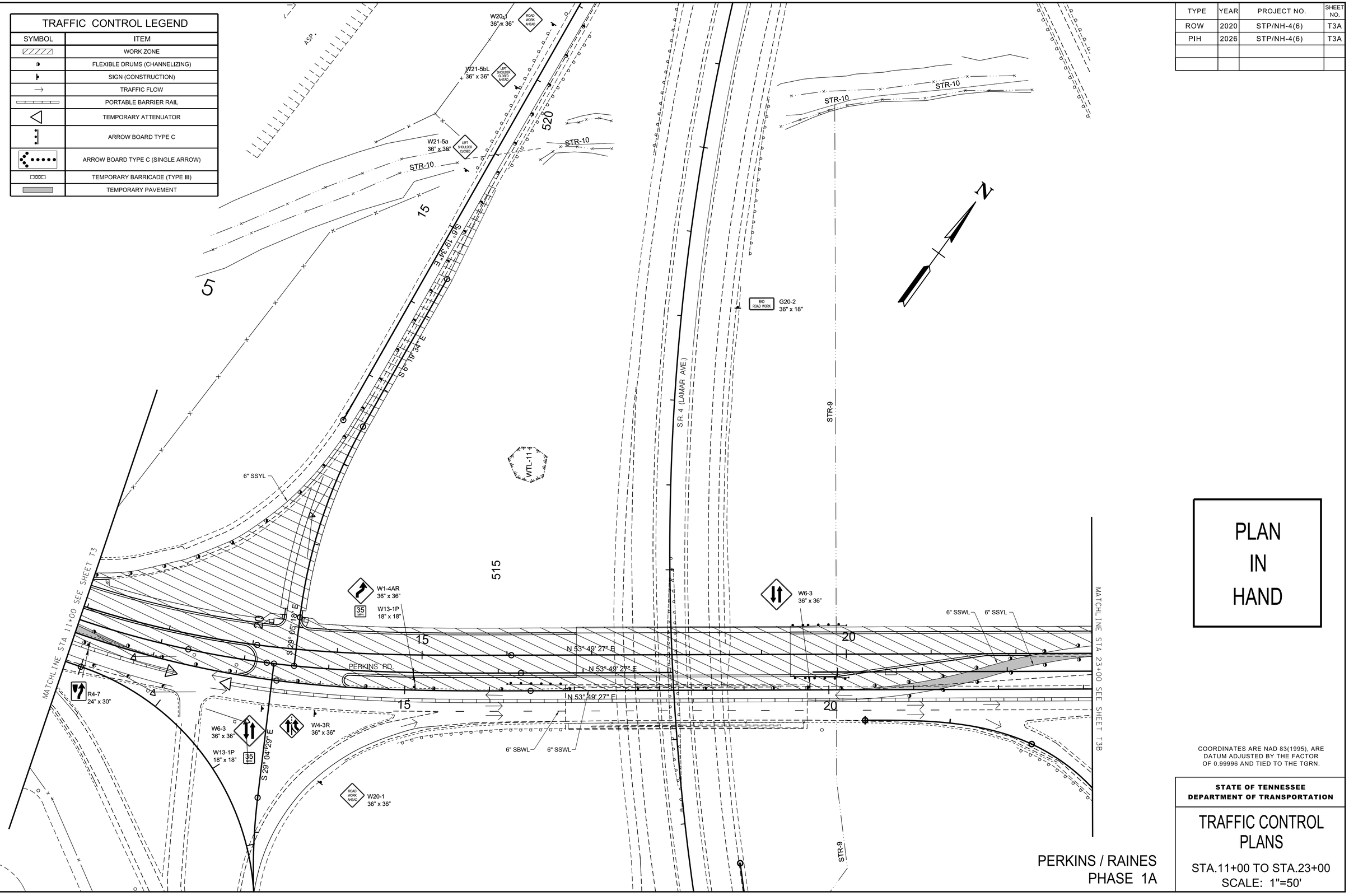
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3A
PIH	2026	STP/NH-4(6)	T3A



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.11+00 TO STA.23+00
SCALE: 1"=50'

PERKINS / RAINES
PHASE 1A

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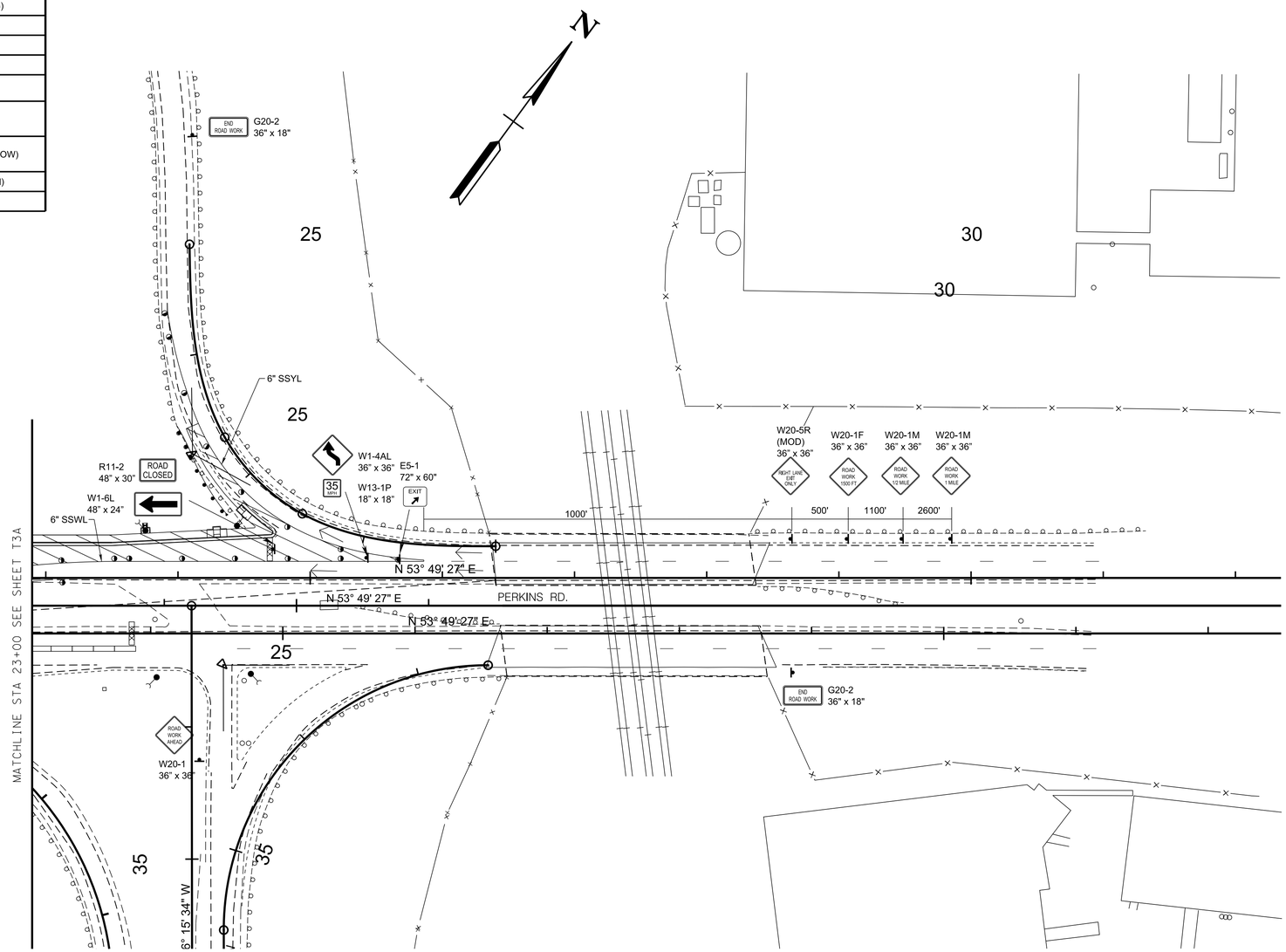
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3B
PIH	2026	STP/NH-4(6)	T3B

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN
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HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.23+00 TO END PROJ.
SCALE: 1"=50'

PERKINS / RAINES
PHASE 1A

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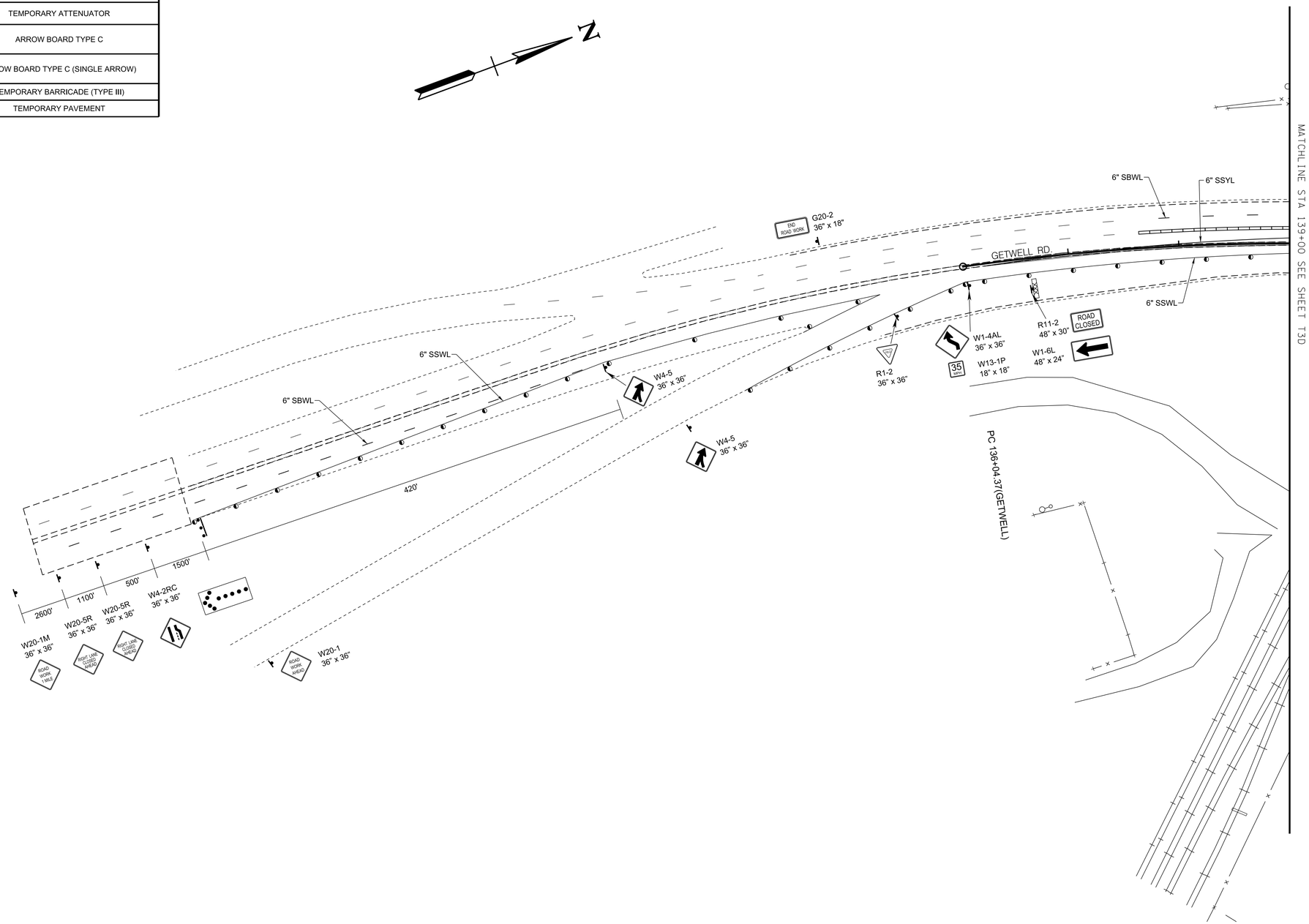
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3C
PIH	2026	STP/NH-4(6)	T3C

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BEG. PROJ. TO STA.139+00
SCALE: 1"=50'

GETWELL
PHASE 1A

3/10/2026 11:23:10 AM
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TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
→	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3D
PIH	2026	STP/NH-4(6)	T3D

END PROJECT STP/NH-4(6) R.O.W.
STA. 601+99.93 S.R.4 (LM 5.34)
N 287368.7707
E 791543.1063

END PROJECT (CONST.)
STA. 601+84.92 S.R.4
(LM 5.34)
N 287357.6582
E 791553.2068

N

140

600

PT 598+68.27(S.R.4)

W20-1
36" x 36"

G20-2
36" x 18"

S 18° 13' 12" W

S 34° 20' 55" W

145

150

S.R. 4 (LAMAR AVE.)

W6-3
36" x 36"

W13-1P
18" x 18"

35 MPH

W1-6R
48" x 24"

R4-7
24" x 30"

8" SSWL

6" SBWL

6" SSYL

GETWELL RD.

N 27° 33' 59" E

R11-2
48" x 30"

ROAD CLOSED

W6-3
36" x 36"

W1-6L
48" x 24"

MATCHLINE STA 139+00 SEE SHEET T3C

MATCHLINE STA 152+00 SEE SHEET T3E

STA. 598+20.11 S.R.4 =
STA. 148+08.91 GETWELL
N 287087.6366
E 791798.5003

STR-12

595

N 49° 10' 35" E

PC 599+69.13(S.R.4)

N 40° 46' 22" W

PLAN
IN
HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.139+00 TO STA.152+00
SCALE: 1"=50'

GETWELL
PHASE 1A

3/10/2026 11:23:11 AM
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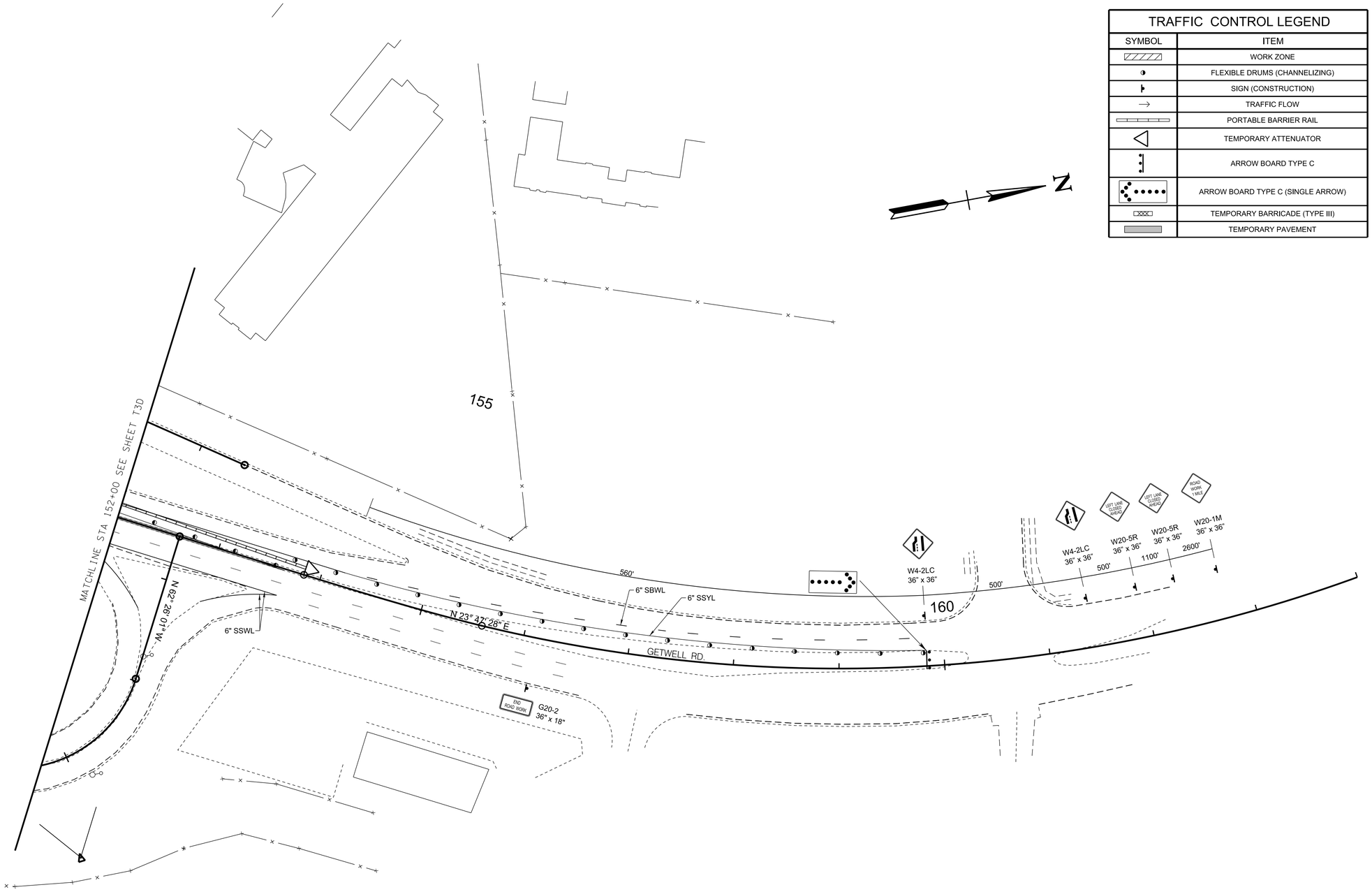
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3E
PIH	2026	STP/NH-4(6)	T3E

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.152+00 TO END PROJ.
SCALE: 1"=50'

GETWELL
PHASE 1A

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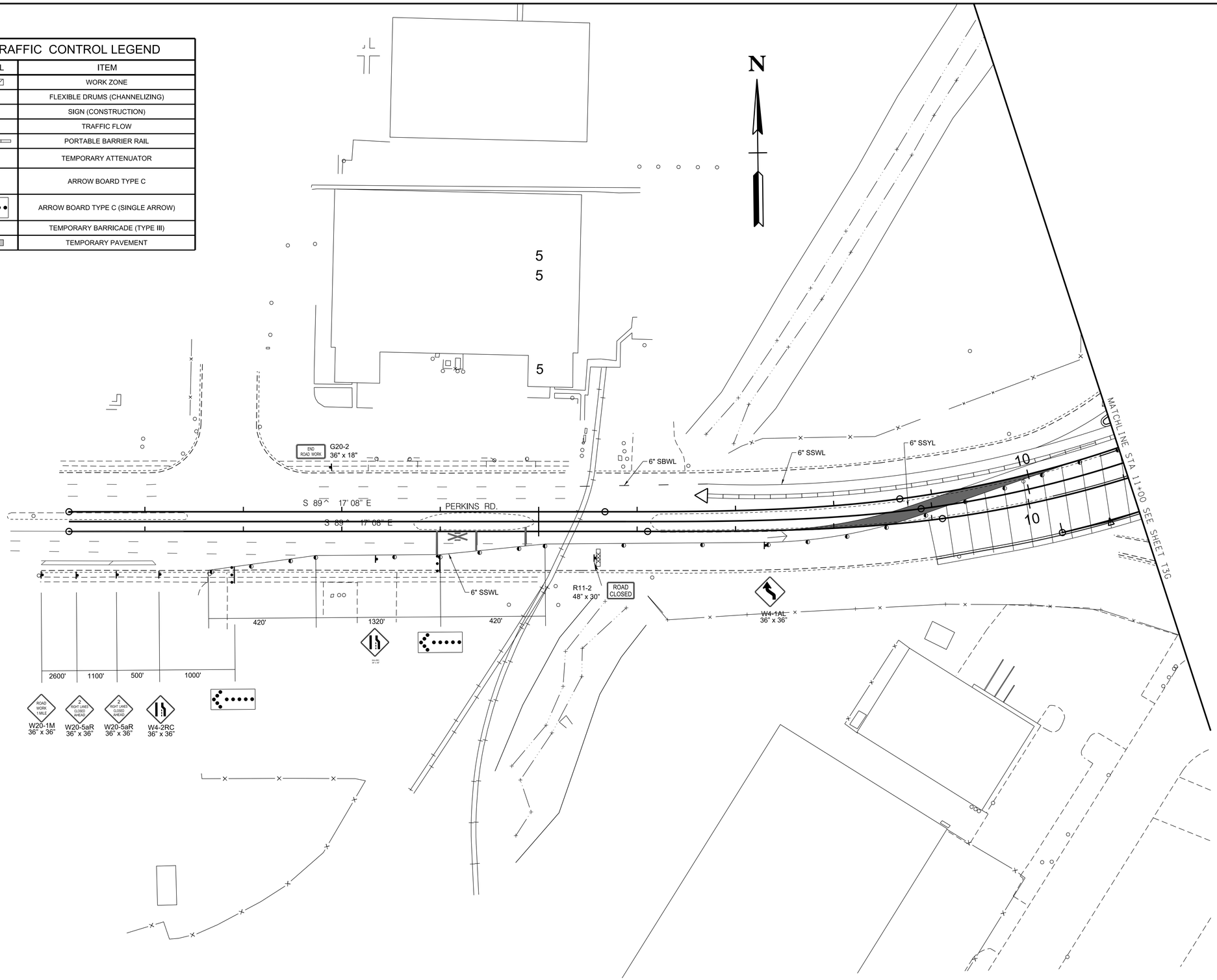
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3
PIH	2026	STP/NH-4(6)	T3F

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN
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HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BEGIN PROJ. TO STA.11+00
SCALE: 1"=50'

PERKINS / RAINES
PHASE 1B

3/10/2026 11:23:12 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3A
PIH	2026	STP/NH-4(6)	T3G

MATCHLINE STA 11+00 SEE SHEET T3F

MATCHLINE STA 23+00 SEE SHEET T3H

W6-3 36" x 36"

W13-1P 18" x 18"

35 MPH

S 29° 05' 18" E

S 29° 04' 29" E

6" SSYL

6" SSWL

PERKINS RD.

N 53° 49' 27" E

N 53° 49' 27" E

N 53° 49' 27" E

S.R.4 (LAMAR AVE.)

STR-9

SC 510+97.98 (S.R.4)

TS 507+47.98(S.R.4)

S 88° 04' 15" E

N 3° 14' 41" W

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

PLAN
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HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.11+00 TO STA.23+00
SCALE: 1"=50'

PERKINS / RAINES
PHASE 1B

3/10/2026 11:23:13 AM
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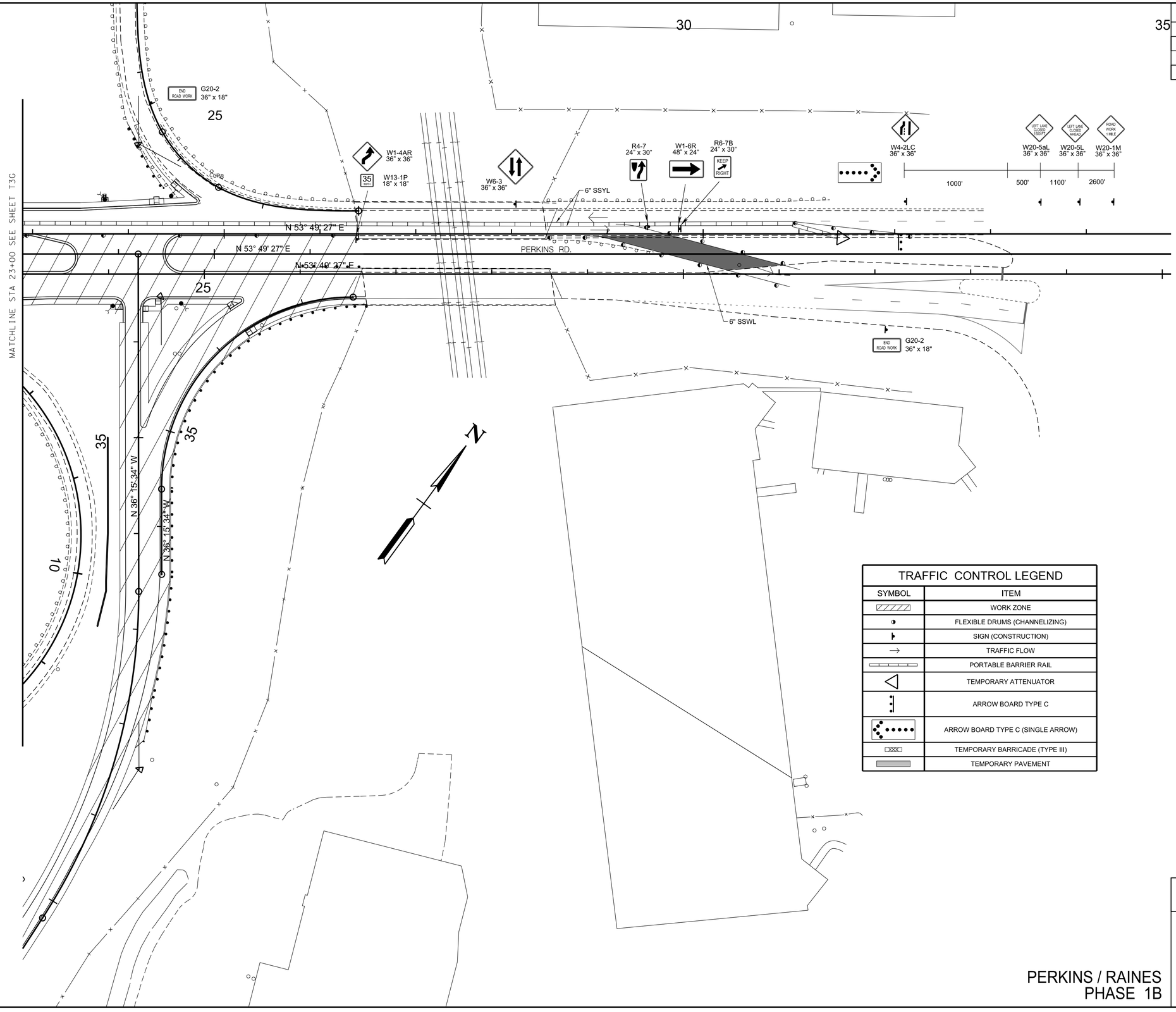
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3B
PIH	2026	STP/NH-4(6)	T3H



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN IN HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.23+00 TO END PROJ.
SCALE: 1"=50'

PERKINS / RAINES
PHASE 1B

3/10/2026 11:23:13 AM
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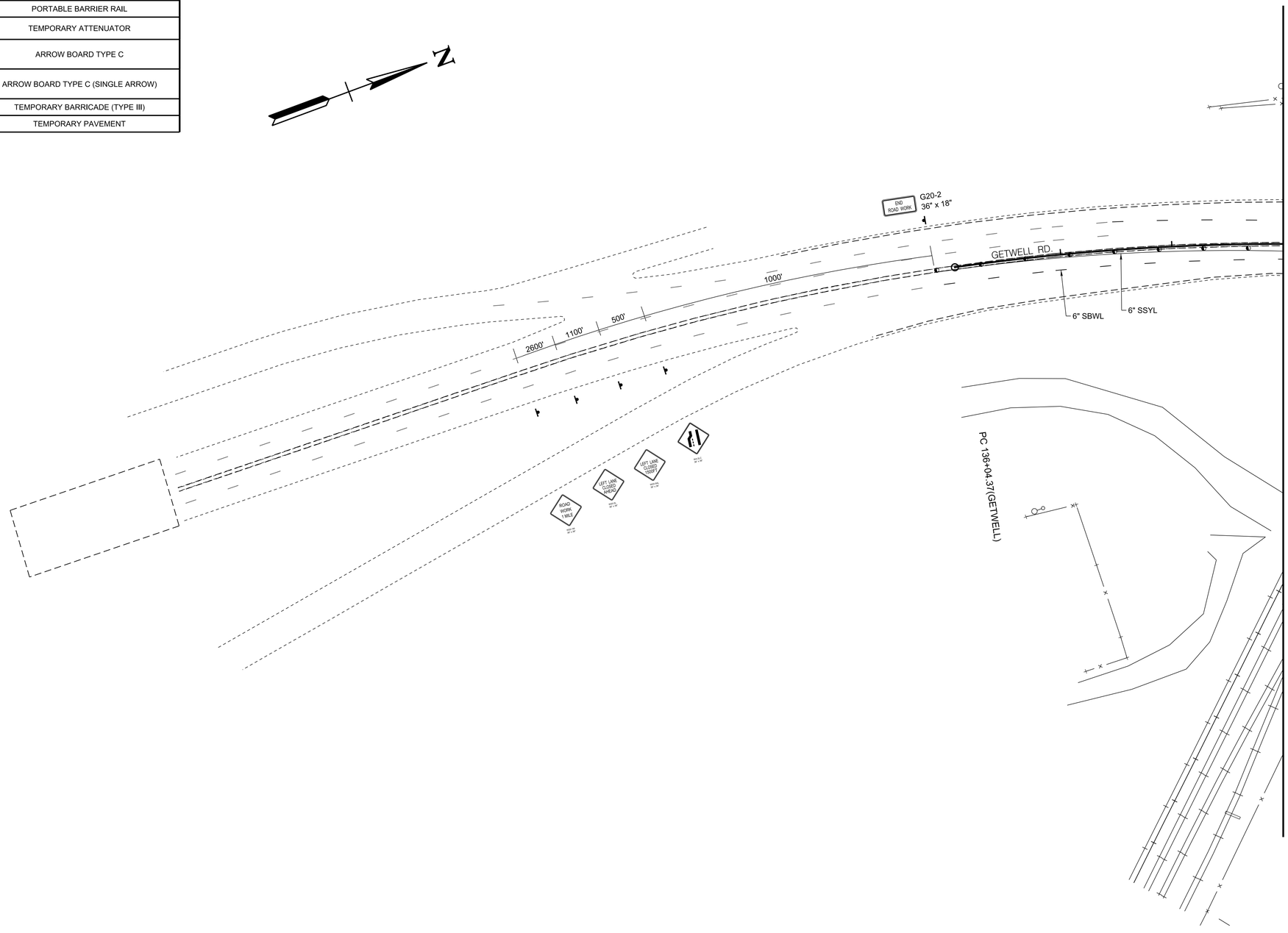
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3C
PIH	2026	STP/NH-4(6)	T3J

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



PLAN
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HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

GETWELL
PHASE 1B

BEG. PROJ. TO STA.139+00
SCALE: 1"=50'

3/10/2026 11:23:14 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3D
PIH	2026	STP/NH-4(6)	T3K

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

END PROJECT STP/NH-4(6) R.O.W.
STA. 601+99.93 S.R.4 (LM 5.34)
N 287368.7707
E 791543.1063

END PROJECT (CONST.)
STA. 601+84.92 S.R.4
(LM 5.34)
N 287357.6582
E 791553.2068

N

140

600

PT 598+68.27(S.R.4)

S 18° 13' 12" W

145

PT 598+68.27(S.R.4)

S.R. 4 (LAMAR AVE.)

150

S 34° 20' 55" W

END ROAD WORK G20-2 36" x 18"

W6-3 36" x 36"

KEEP RIGHT

6" SSWL

6" SBWL

GETWELL RD

N 27° 33' 59" E

6" SSYL

6" SSWL

6" SBWL

6" SSYL

35 MPH

MATCHLINE STA 139+00 SEE SHEET T3J

MATCHLINE STA 152+00 SEE SHEET T3L

STA. 598+20.11 S.R.4 =
STA. 148+08.91 GETWELL
N 287087.6366
E 791798.5003

STR-12

595

N 40° 46' 22" W

N 49° 10' 35" E

END ROAD WORK G20-2 36" x 18"

STR-12

PC 596+69.13(S.R.4)

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.139+00 TO STA.152+00
SCALE: 1"=50'

GETWELL
PHASE 1B

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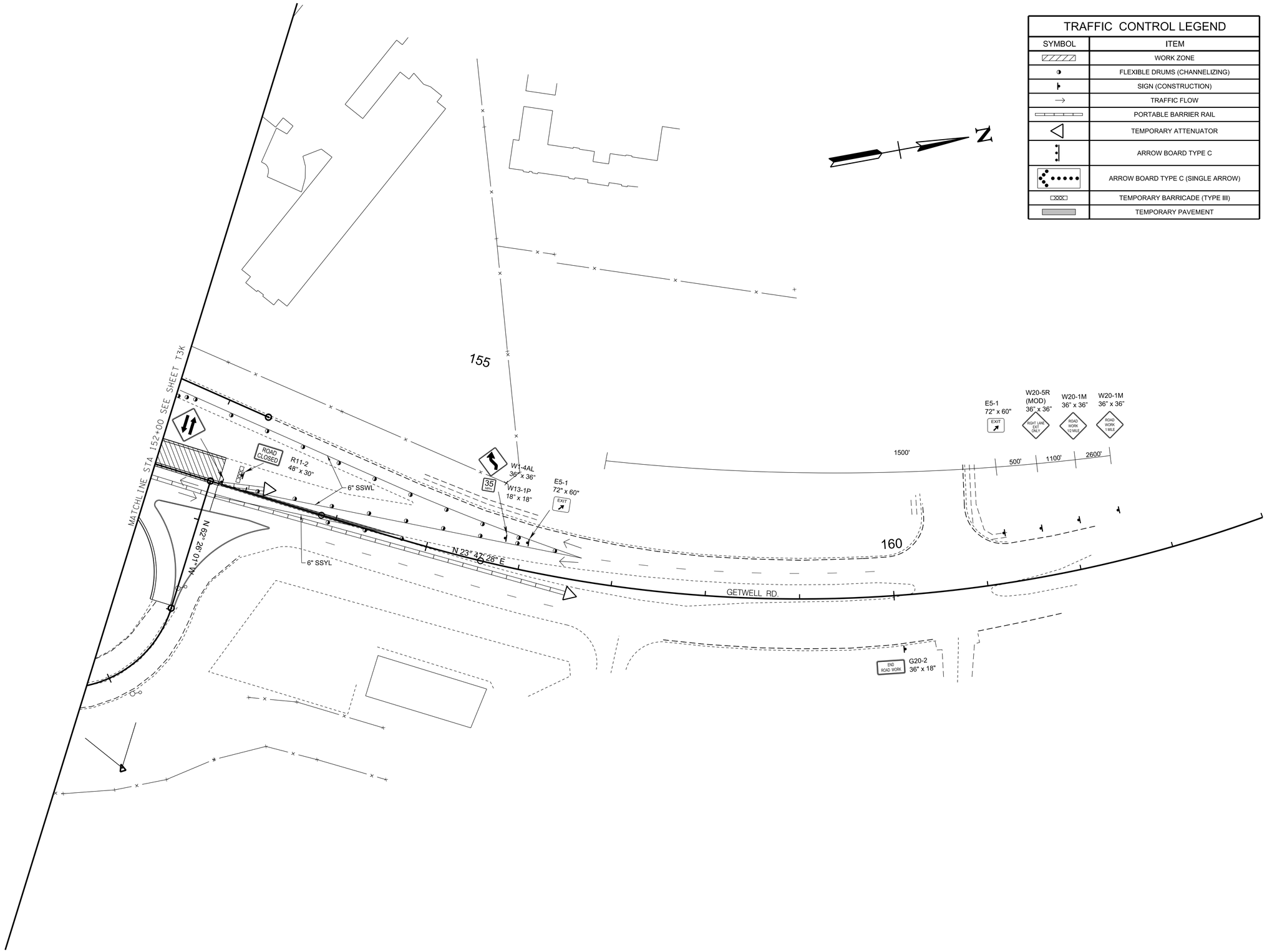
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T3E
PIH	2026	STP/NH-4(6)	T3L

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.152+00 TO END PROJ.
SCALE: 1"=50'

PHASE 1B

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4
PIH	2026	STP/NH-4(6)	T4

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

MATCHLINE STA 17+50 SEE SHEET T4A

PT 23+94.68

PC 21+72.29

N

495

20

500

S 88° 04' 15" E

20

TS 507+47.98(S.R.4)

END ROAD WORK G20-2 36" x 18"

25

END PROJ. R-NH-4(11)(CONST.)
STA. 504+30.00

N 47° 56' 42" W

S.R. 4 (LAMAR AVE.)

MATCHLINE STA 508+00 SEE SHEET T4A & T4B

N 43° 23' 32" W

25

END PROJ. NO. R-NH-4(11) R.O.W.
STA. 504+43.31 S.R.4
N 279446.9742
E 796745.9151

BEGIN PROJ. NO. STP/NH-4(6) PLAN-IN-HAND
STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987

WELL

N 3° 14' 41" W

30

MATCHLINE STA 31+00 SEE SHEET T4B

PHASE 2

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BEGIN PROJ. TO STA.508+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4A
PIH	2026	STP/NH-4(6)	T4A

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N

15

S 29° 04' 29" E

20

S 29° 05' 18" E

10

10

5

PERKINS RD.

15

15

S 6° 19' 34" E

S 6° 19' 34" E

15

STR-10

STR-10

MATCHLINE STA 17+50 SEE SHEET T4

510

SC 510+97.98 (S.R.4)

515

WTL-11

EX. 2@12'x10'
BOX BRIDGE
TO BE REMOVED

52

STR-9

N 53° 49' 27" E

N 53° 49' 27" E

N 53° 49' 27" E

MATCHLINE STA 508+00 SEE SHEET T4

S.R. 4 (LAMAR AVE.)

MATCHLINE STA 520+00 SEE SHEET T4C

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

BEGIN PROJECT STP/NH-4(6) R.O.W
STA. 515+92.67 S.R.4 (LM 4.19)
N 280271.9556
E 795950.4352

PHASE 2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.508+00 TO STA.520+00
SCALE: 1"=50'

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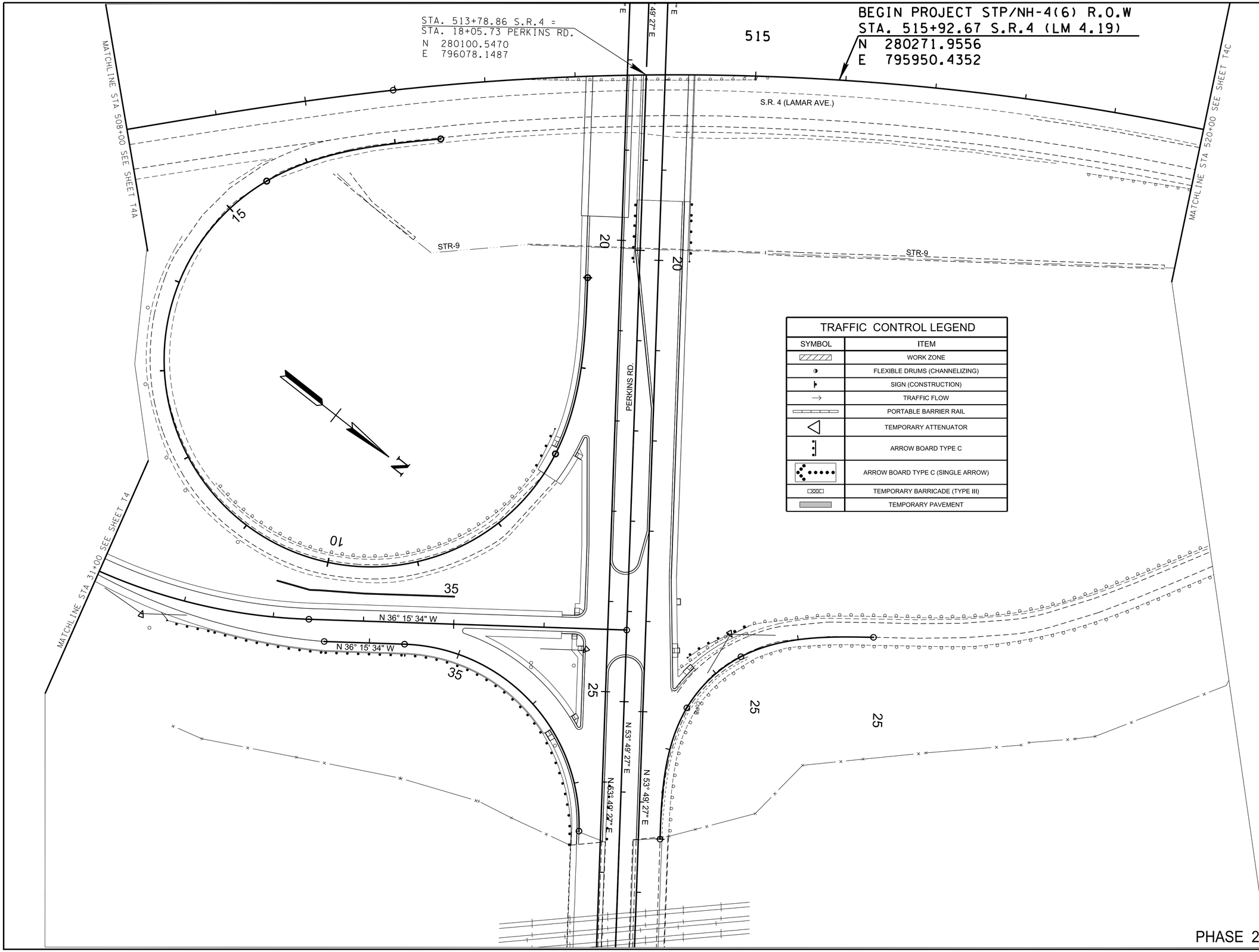
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4B
PIH	2026	STP/NH-4(6)	T4B



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

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.508+00 TO STA.520+00
SCALE: 1"=50'

PHASE 2

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4C
PIH	2026	STP/NH-4(6)	T4C

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

ASP.

10

525

5

530

N

END ROAD WORK
G20-2
36" x 18"

ST 531+46.11(S.R.4)

S 9° 28' 57" E

MATCHLINE STA 520+00 SEE SHEET T4A & T4B

S.R. 4 (LAMAR AVE.)

MATCHLINE STA 532+00 SEE SHEET T4D

15

BEGIN S HAUL RD
58.64' R OF CL SR 4 STA 530+97.62
=℄ OF S HAUL RD STA 0+00.00
N 281680.98
E 795507.46

STR-10

STR-10

WTL-12

PHASE 2

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.520+00 TO STA.532+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4D
PIH	2026	STP/NH-4(6)	T4D

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N

535

540

205

PIDEGON ROOST RD.

TS 539+21.70 (S.R.4)

SC 543+21.70 (S.R.4)

N 46° 47' 49" E

CURVE

N 46° 47' 49" E

BURLINGTON NORTHERN RR

MATCHLINE STA 532+00 SEE SHEET T4C

MATCHLINE STA 544+00 SEE SHEET T4E

N 6° 58' 56" W

S.R. 4 (LAMAR AVE.)

BEGIN N HAUL RD
45.21' R OF CL SR 4 STA 539+45.40
= ℄ OF N HAUL RD STA 0+00.00
N 282520.78
E 795391.06

WTL-12

PHASE 2

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.532+00 TO STA.544+00
SCALE: 1"=50'

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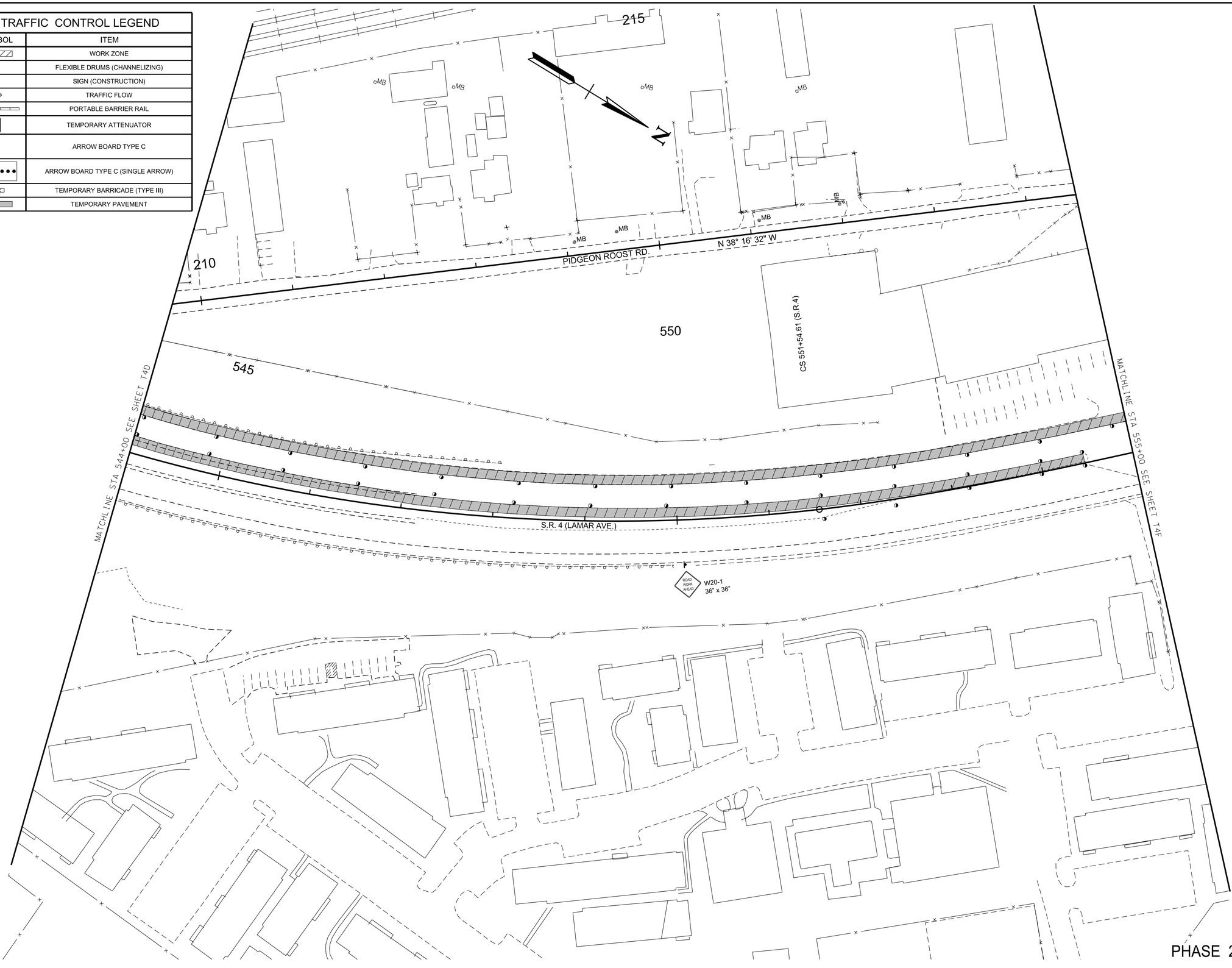
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4E
PIH	2026	STP/NH-4(6)	T4E



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.544+00 TO STA.555+00
SCALE: 1"=50'

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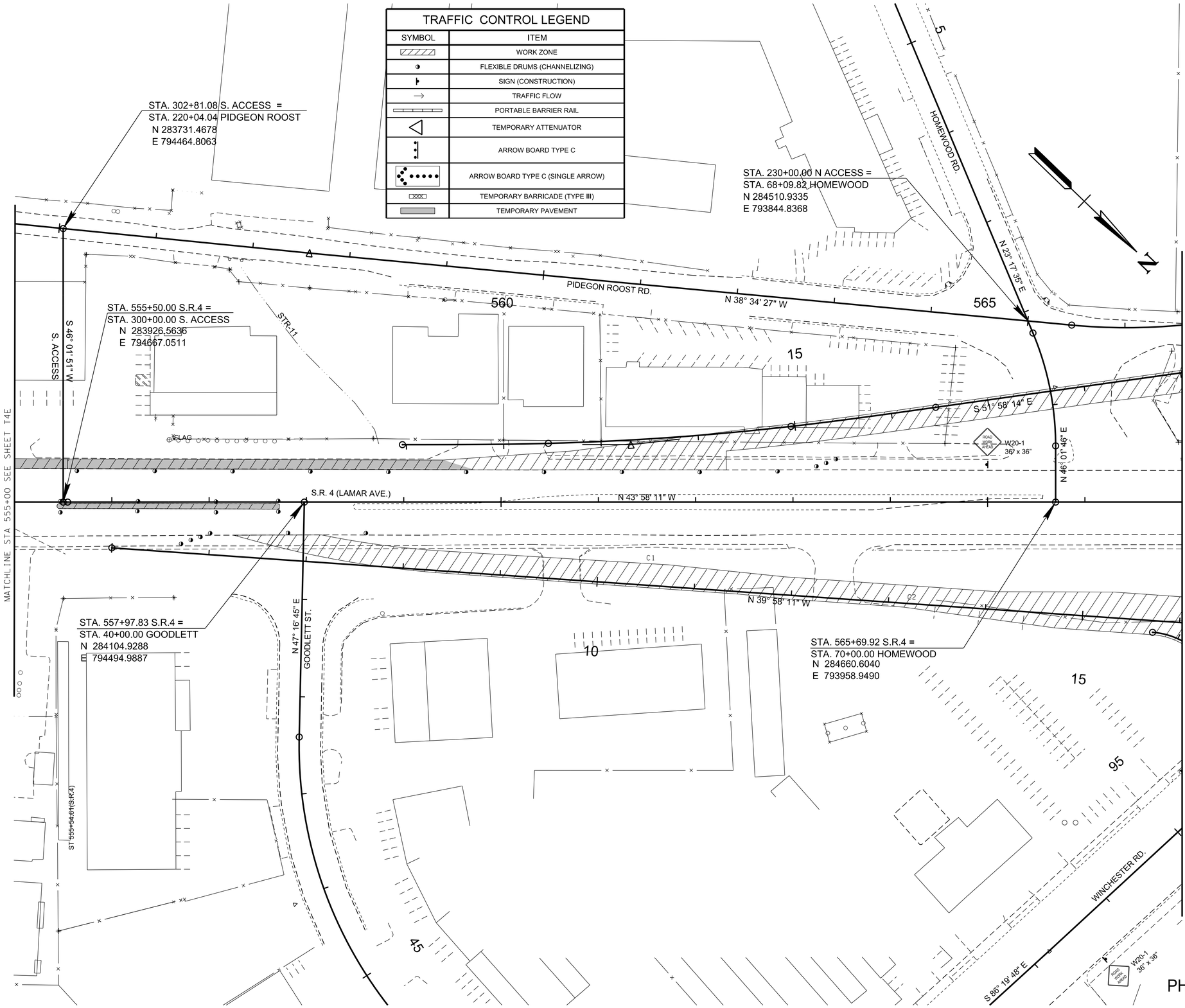
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4F
PIH	2026	STP/NH-4(6)	T4F

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

PHASE 2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.555+00 TO STA.567+00
SCALE: 1"=50'

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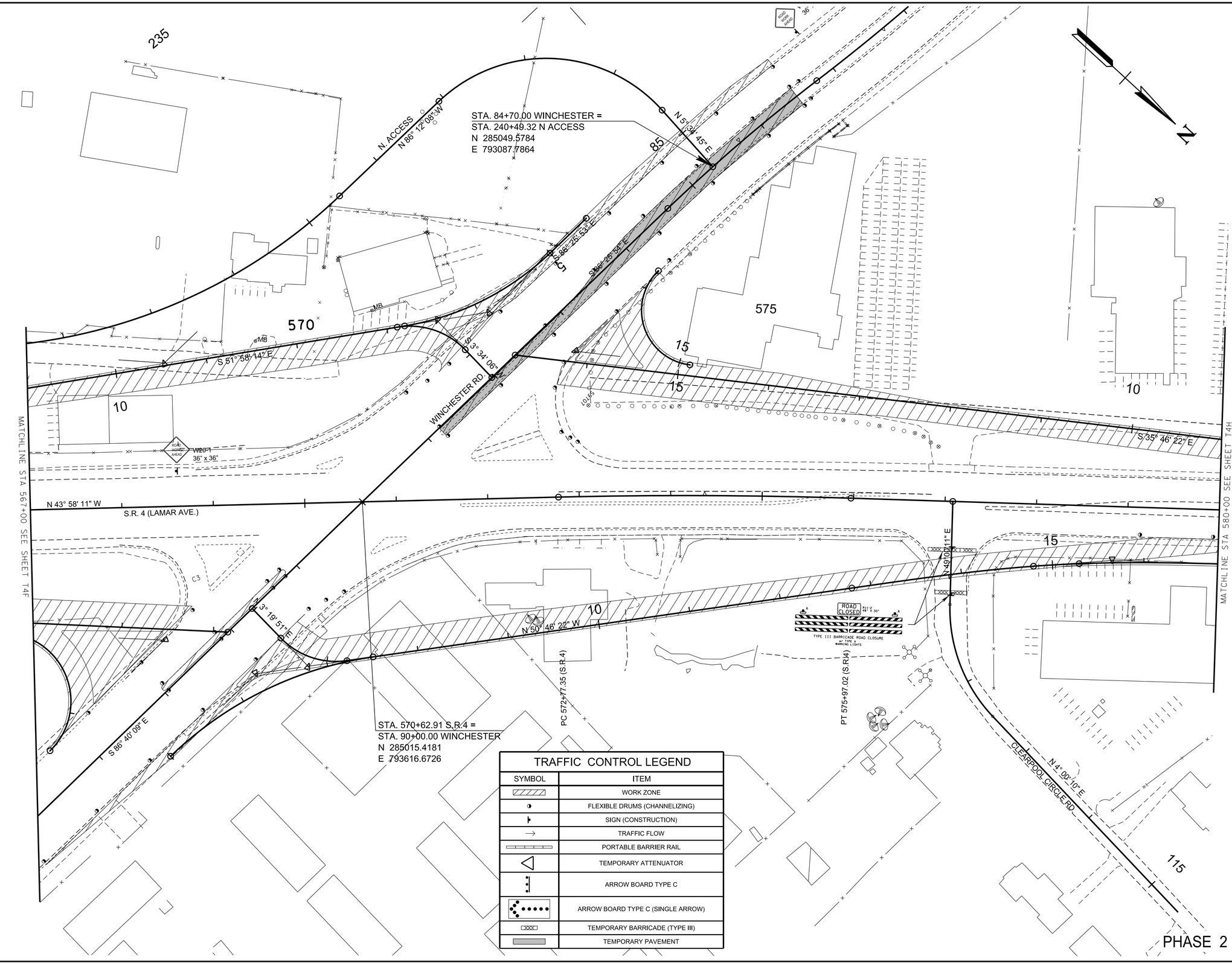
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4G
PIH	2026	STP/NH-4(6)	T4G



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.567+00 TO STA.580+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4H
PIH	2026	STP/NH-4(6)	T4H

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N

STA. 592+43.32 S.R.4 =
STA. 120+00.00 CLEARPOOL <B>
N 286652.6369
E 792177.2522

580

585

590

MATCHLINE STA 580+00 SEE SHEET T4G

MATCHLINE STA 593+00 SEE SHEET T4J

ROAD WORK AHEAD
W20-1
36" x 36"

S.R. 4 (LAMAR AVE.)

N 40°46'22" W

CLEARPOOL CIRCLE RD.

ROAD WORK AHEAD
W20-1
36" x 36"

N 82° 51' 37" E

125

S

PHASE 2

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.580+00 TO STA.593+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T4J
PIH	2026	STP/NH-4(6)	T4J

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N

595

600

145

150

N 27° 33' 59" E

S 18° 13' 12" W

N 27° 33' 59" E

N 49° 10' 35" E

S 34° 20' 55" W

N 40°46'22" W

S.R.4 (LAMAR AVE.)

GETWELL RD.

STR-12

STR-12

PT 598+68.27(S.R.4)

PT 598+68.27(S.R.4)

PC 595+69.13(S.R.4)

STA. 598+20.11 S.R.4 =
STA. 148+08.91 GETWELL
N 287087.6366
E 791798.5003

STA. 596+91.65 S.R.4 =
STA. 10+09.45 RAMP A
N 286991.7337
E 791883.9669

STA. 599+58.71 S.R.4 =
STA. 1+00.00 RAMP B
N 287190.2659
E 791705.3545

STA. 599+64.06 S.R.4 =
STA. 10+00.00 RAMP C
N 287194.2274
E 791701.7539

END PROJECT STP/NH-4(6) R.O.W.
STA. 601+99.93 S.R.4 (LM 5.34)
N 287368.7707
E 791543.1063

END PROJECT PLAN-IN-HAND
STA. 601+84.92 S.R.4
(LM 5.34)
N 287357.6582
E 791553.2068

ROAD WORK AHEAD
W20-1
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

MATCHLINE STA 593+00 SEE SHEET T4H

MATCHLINE SEE SHEET T4K

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.593+00 TO END PROJ.
SCALE: 1"=50'

PHASE 2

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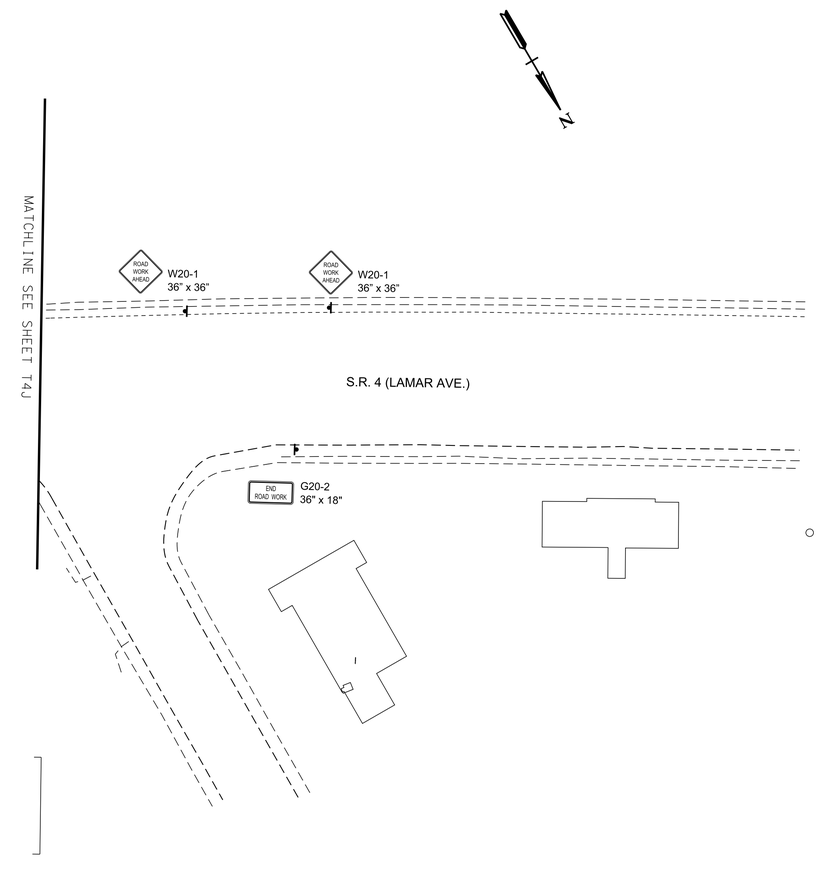
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T4K

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

TO END PROJ.
SCALE: 1"=50'

PHASE 2

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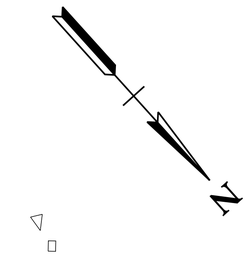
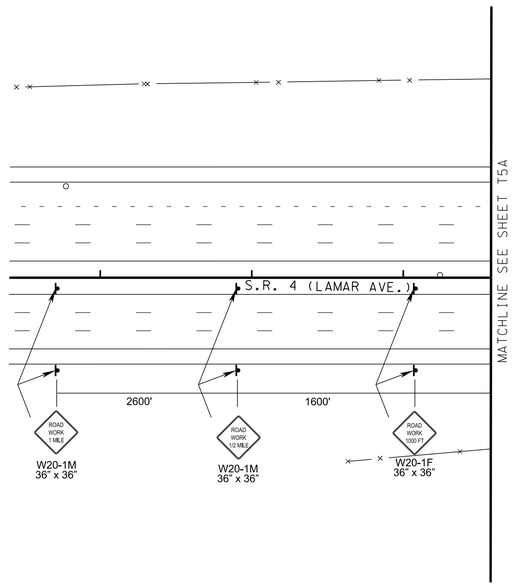
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T5

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT





PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

TO BEGIN PROJ.
SCALE: 1"=50'

PHASE 3

3/10/2026 11:23:24 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5
PIH	2026	STP/NH-4(6)	T5A

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N

PC 21+72.29

PT 23+94.68

MATCHLINE STA 17+50 SEE SHEET T5B

S 88° 04' 15" E

495 20 500

TS 507+47.98(S.R.4)

END PROJ. R-NH-4(11)(CONST.)
STA. 504+30.00

8" SSWL
6" SBWL
8" DSYL
6" SBWL
8" SSWL

G20-2
36" x 18"

R4-7
24" x 30"

MATCHLINE STA 508+00 SEE SHEET T5B & T5C

S.R. 4 (LAMAR AVE.)

N 47° 56' 42" W

N 43° 23' 32" W

500' 500'

W3-5
36" x 36"

R2-1
30" x 36"

EXIT
E5-1
72" x 60"

W1-4bR
36" x 36"

W13-1PC
18" x 18"

WELL

END PROJ. NO. R-NH-4(11) R.O.W.
STA. 504+43.31 S.R.4
N 279446.9742
E 796745.9151

BEGIN PROJ. NO. STP/NH-4(6) PLAN-IN-HAND
STA. 504+30.00 S.R.4
N 279438.0577
E 796755.7987

G20-2
36" x 18"

N 3° 14' 41" W

MATCHLINE STA 31+00 SEE SHEET T5C

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BEGIN PROJ. TO STA.508+00
SCALE: 1"=50'

PHASE 3

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5A
PIH	2026	STP/NH-4(6)	T5B

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

MATCHLINE STA 17+50 SEE SHEET T5A

MATCHLINE STA 508+00 SEE SHEET T5A

MATCHLINE STA 520+00 SEE SHEET T5D

S.R. 4 (LAMAR AVE.)

PERKINS RD.

18" RCP

SC 510+97.98 (S.R.4)

S 29° 04' 29" E

S 29° 05' 18" E

S 6° 19' 34" E

N 53° 49' 27" E

510

515

STR-9

STR-10

W6-3
36" x 36"

W4-5
36" x 36"

R1-2
36" x 36"

WTL-11

8" SSWL
6" SBWL
8" DSYL
6" SBWL
8" SSWL

EX. 2@12'x10'
BOX BRIDGE
TO BE REMOVED

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.508+00 TO STA.520+00
SCALE: 1"=50'

PHASE 3

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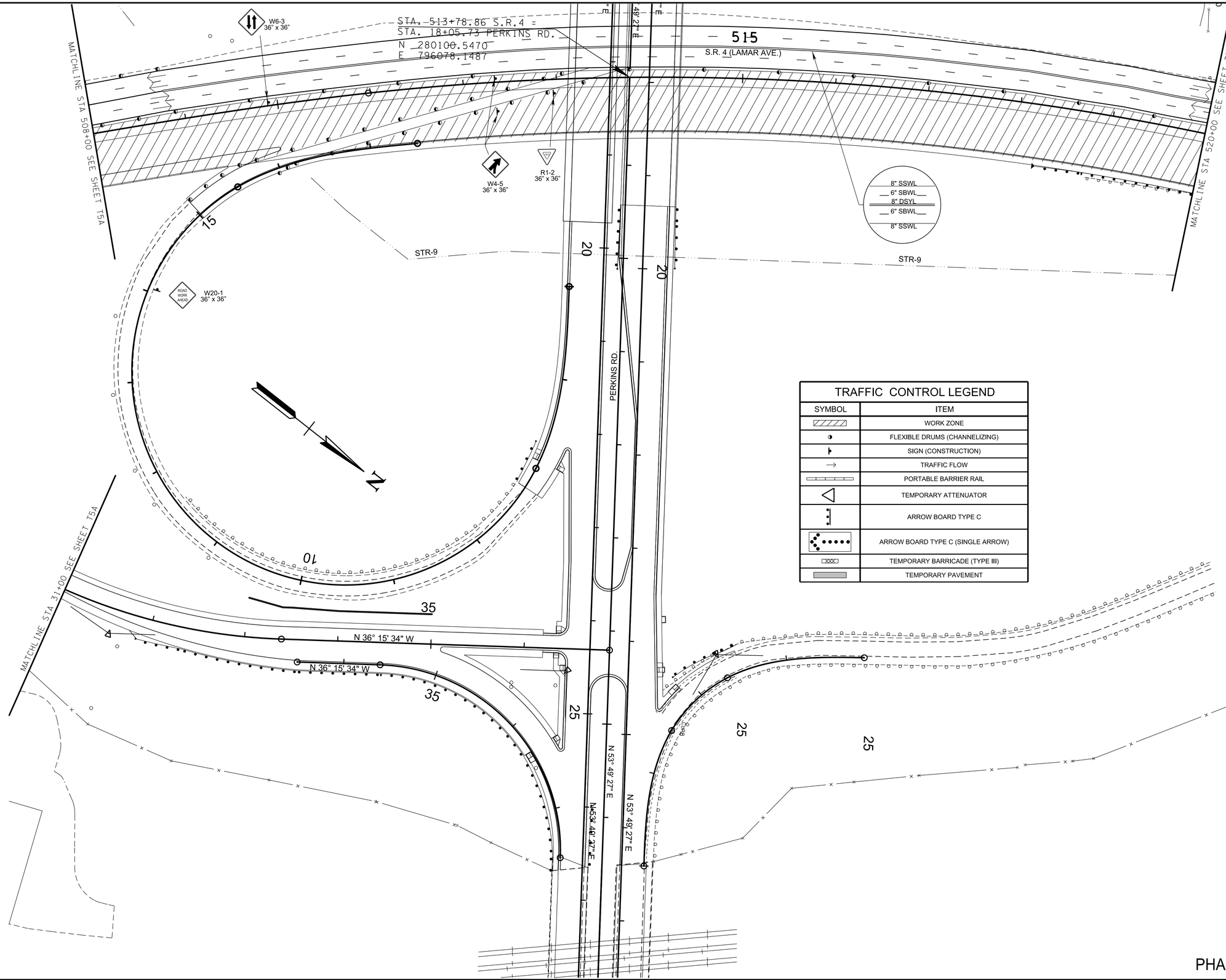
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5B
PIH	2026	STP/NH-4(6)	T5C



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.508+00 TO STA.520+00
SCALE: 1"=50'

PHASE 3

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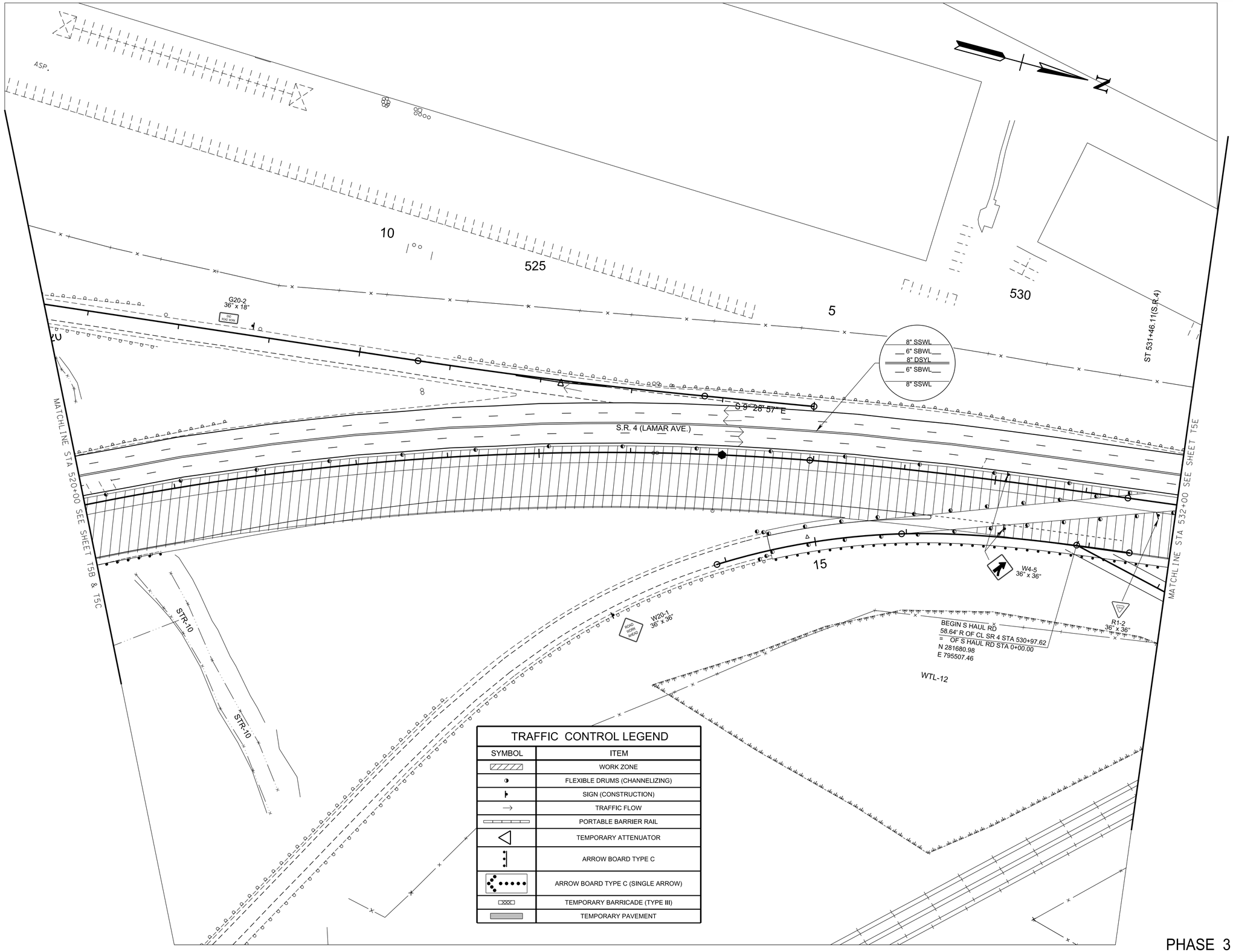
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5C
PIH	2026	STP/NH-4(6)	T5D



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.520+00 TO STA.532+00
SCALE: 1"=50'

PHASE 3

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5D
PIH	2026	STP/NH-4(6)	T5E

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N

205

535

540

PIDGEON ROOST RD.

N 46° 47' 49" E

TS 539+21.70 (S.R.4)

SC 543+21.70 (S.R.4)

BURLINGTON NORTHERN RR

8" SSWL
6" SBWL
8" DSYL
6" SBWL
8" SSWL

MATCHLINE STA 532+00 SEE SHEET T5D

MATCHLINE STA 544+00 SEE SHEET T5F

N 6° 58' 50" W

S.R. 4 (LAMAR AVE.)

W6-3
36" x 36"

WTL-12

BEGIN N HAUL RD
45.21' R OF CL SR 4 STA 539+45.40
= ℄ OF N HAUL RD STA 0+00.00
N 282520.78
E 795391.06

PHASE 3

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.532+00 TO STA.544+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5E
PIH	2026	STP/NH-4(6)	T5F

215

210

550

545

PIDGEON ROOST RD.

N 38° 16' 32" W

CS 551+54.61 (S.R.4)

MB

8" SSWL
6" SBWL
8" DSYL
6" SBWL
8" SSWL

W6-3
36" x 36"

W1-4BL
36" x 36"

MATCHLINE STA 544+00 SEE SHEET T5E

MATCHLINE STA 555+00 SEE SHEET T5G

S.R. 4 (LAMAR AVE.)

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.544+00 TO STA.555+00
SCALE: 1"=50'

PHASE 3

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5F
PIH	2026	STP/NH-4(6)	T5G

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

STA. 302+81.08 S. ACCESS =
STA. 220+04.04 PIDGEON ROOST
N 283731.4678
E 794464.8063

STA. 230+00.00 N ACCESS =
STA. 68+09.82 HOMEWOOD
N 284510.9335
E 793844.8368

STA. 555+50.00 S.R.4 =
STA. 300+00.00 S. ACCESS
N 283926.5636
E 794667.0511

STA. 557+97.83 S.R.4 =
STA. 40+00.00 GOODLETT
N 284104.9288
E 794494.9887

STA. 565+69.92 S.R.4 =
STA. 70+00.00 HOMEWOOD
N 284660.6040
E 793958.9490

PIDGEON ROOST RD.
N 38° 34' 27" W
560
565
HOMEWOOD RD.
N 23° 17' 35" E
5
ROAD CLOSED
R11-2
48" x 30"
S. ACCESS
S 46° 01' 51" W
STR-11
15
8" SSWL
6" SBWL
8" SSYL
S 51° 58' 14" E
FLAG
S.R. 4 (LAMAR AVE.)
N 48° 01' 46" E
N 43° 58' 11" W
C1
C2
N 39° 58' 11" W
R4-7
24" x 30"
N 47° 16' 45" E
GOODLETT ST.
10
15
95
45
ST 555+54.61(S.R.4)
WINCHESTER RD
S 86° 19' 48" E
MATCHLINE STA 555+00 SEE SHEET T5F
MATCHLINE STA 567+00 SEE SHEET T5H

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.555+00 TO STA.567+00
SCALE: 1"=50'

PHASE 3

3/10/2026 11:23:28 AM
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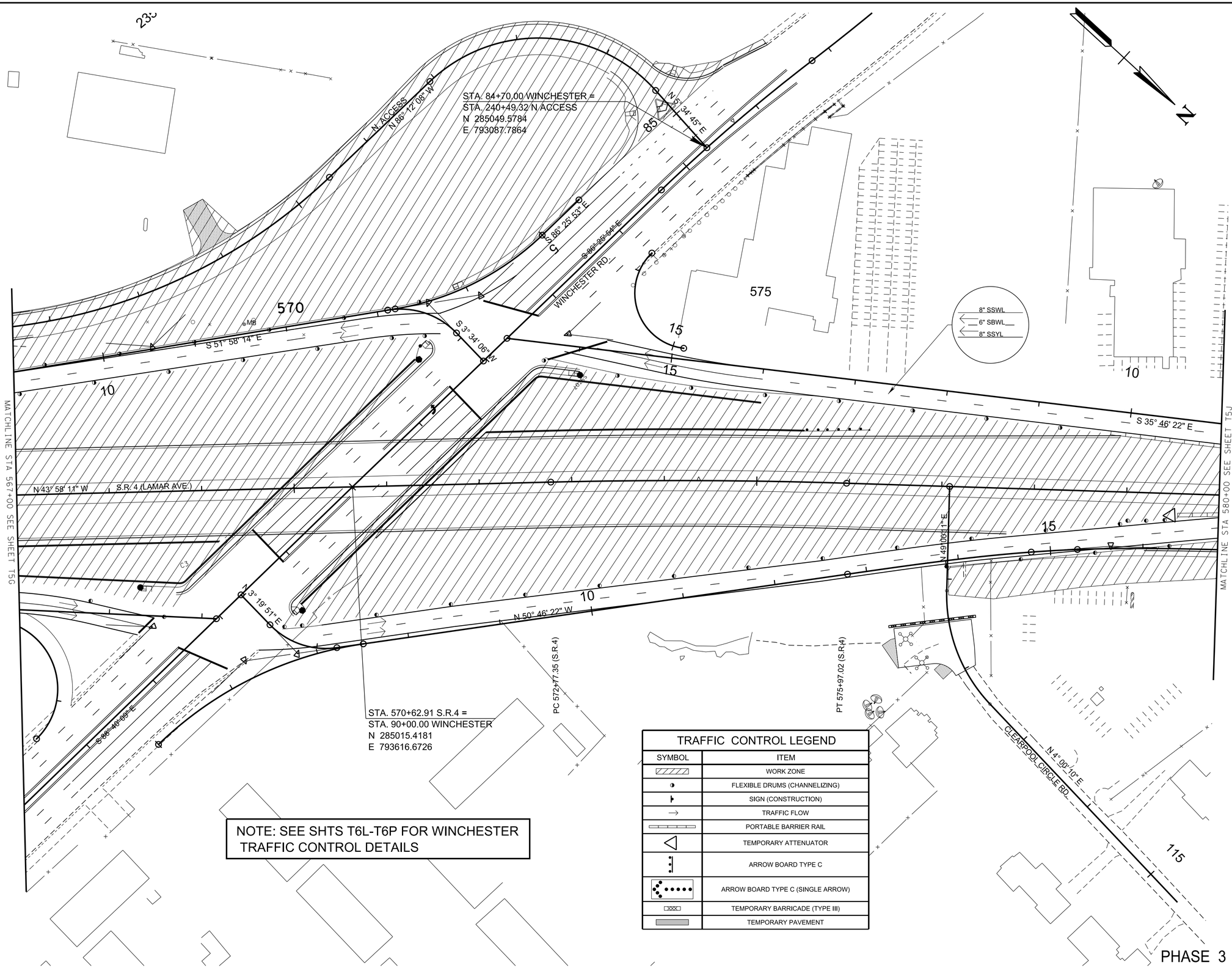
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5G
PIH	2026	STP/NH-4(6)	T5H



NOTE: SEE SHTS T6L-T6P FOR WINCHESTER TRAFFIC CONTROL DETAILS

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

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.567+00 TO STA.580+00
SCALE: 1"=50'

PHASE 3

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5H
PIH	2026	STP/NH-4(6)	T5J

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N

STA. 592+43.32 S.R.4 =
STA. 120+00.00 CLEARPOOL <B>
N 286652.6369
E 792177.2522

580

585

590

8" SSWL
6" SBWL
8" DSYL
6" SBWL
8" SSWL

R4-7
24" x 30"

W1-4BL
36" x 36"

MATCHLINE STA 580+00 SEE SHEET T5H

MATCHLINE STA 593+00 SEE SHEET T5K

N 40°46'22" W

S.R. 4 (LAMAR AVE.)

W6-3
36" x 36"

G20-2
36" x 18"
END ROAD WORK

ROAD WORK AHEAD

W20-1
36" x 36"

CLEARPOOL CIRCLE RD.

N 82° 51' 37" E

5

125

CMB

PLAN IN HAND

PHASE 3

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.580+00 TO STA.593+00
SCALE: 1"=50'

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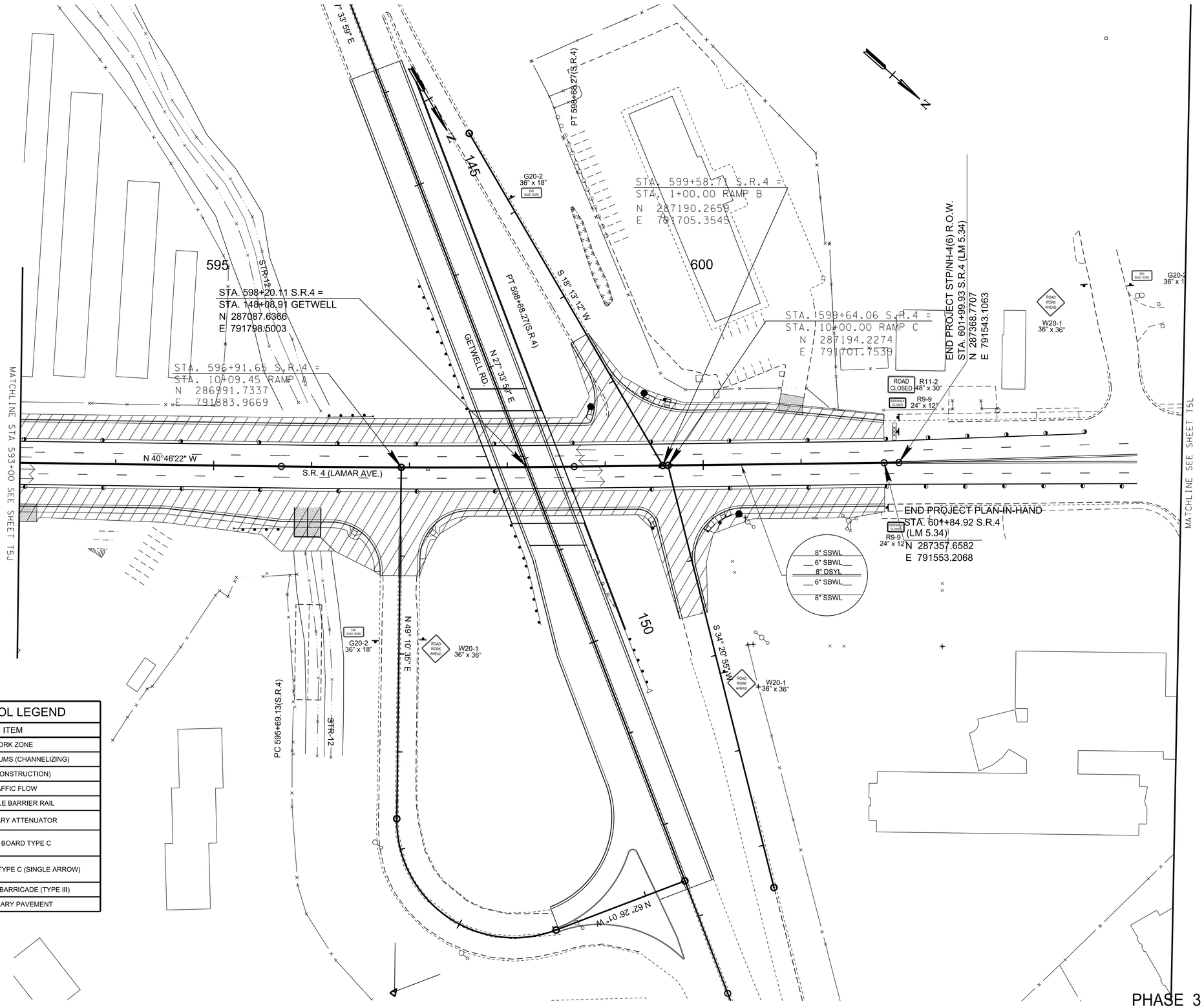
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T5J
PIH	2026	STP/NH-4(6)	T5K



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.593+00 TO END PROJ.
SCALE: 1"=50'

PHASE 3

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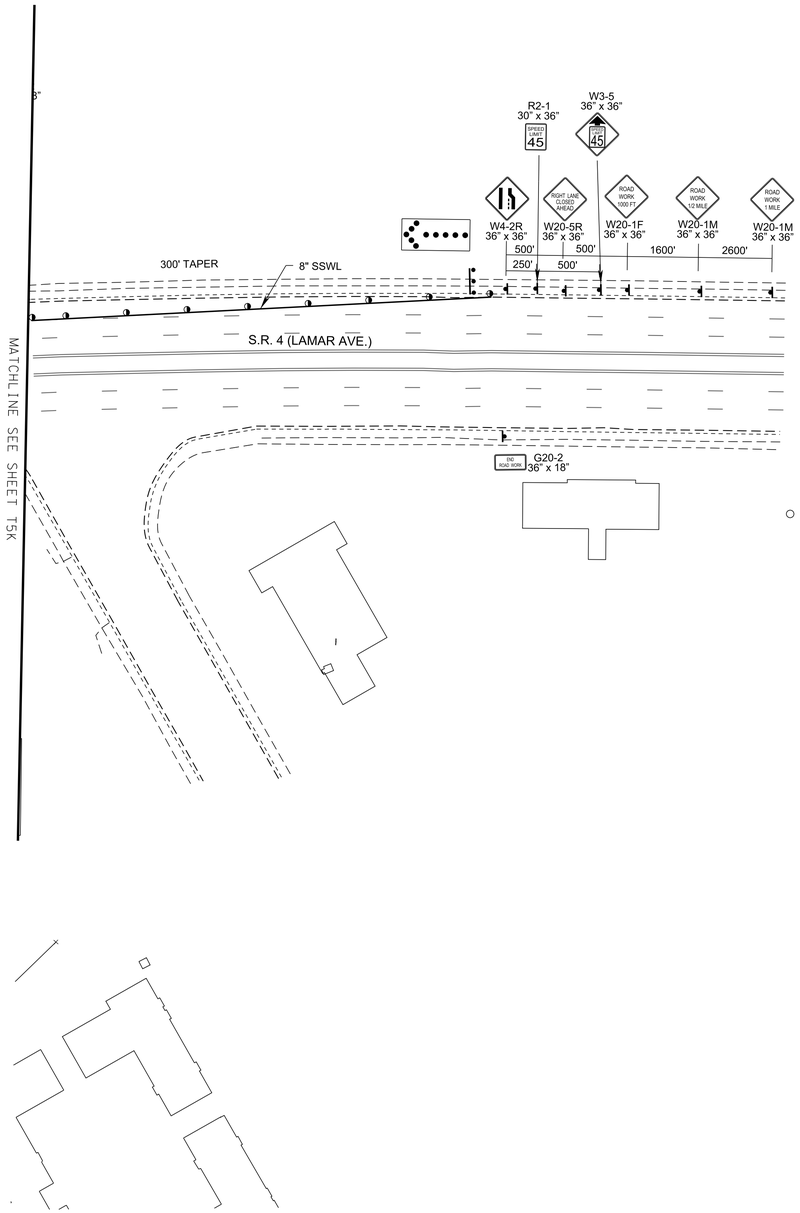
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T5L



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

TO END PROJ.
SCALE: 1"=50'

PHASE 3

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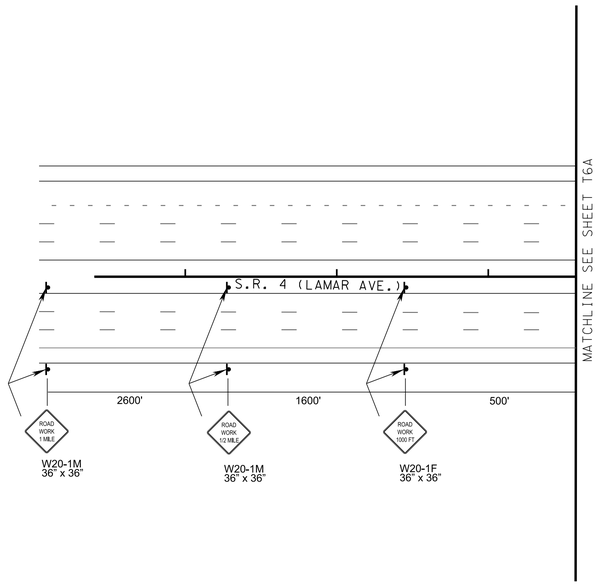
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T6

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

N



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

TO BEGIN PROJ.
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:33 AM
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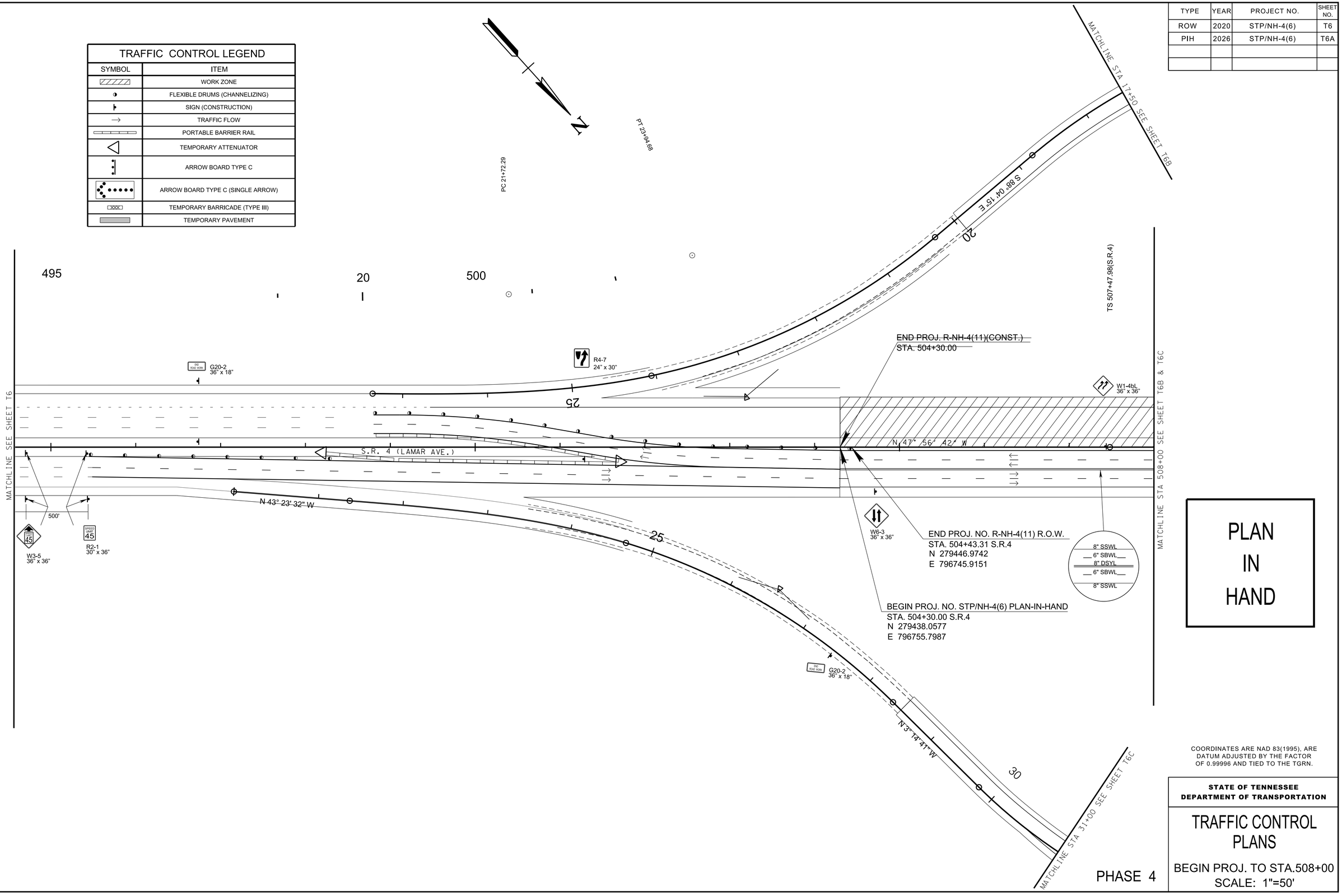
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6
PIH	2026	STP/NH-4(6)	T6A

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BEGIN PROJ. TO STA.508+00
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:33 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6A
PIH	2026	STP/NH-4(6)	T6B

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

MATCHLINE STA 17+50 SEE SHEET T6A

15

S 29° 04' 29" E

20

S 29° 05' 18" E

10

10

PERKINS RD.

15

15

S 6° 19' 34" E

15

S 6° 19' 34" E

EX. 2@12'X10' BOX BRIDGE TO BE REMOVED

N

5

510

SC 510+97.98 (S.R.4)

515

N 53° 49' 27" E

N 53° 49' 27" E

N 53° 49' 27" E

8" SSWL
6" SBWL
8" DSYL
6" SBWL
8" SSWL

MATCHLINE STA 508+00 SEE SHEET T6A

S.R. 4 (LAMAR AVE.)

MATCHLINE STA 520+00 SEE SHEET T60

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.508+00 TO STA.520+00
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:34 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6B
PIH	2026	STP/NH-4(6)	T6C

STA. 513+78.86 S.R.4 =
STA. 18+05.73 PERKINS RD.
N 280100.5470
E 796078.1487

515

S.R. 4 (LAMAR AVE.)

MATCHLINE STA 508+00 SEE SHEET T6A

MATCHLINE STA 520+00 SEE SHEET T6D

MATCHLINE STA 31+00 SEE SHEET T6A

PERKINS RD.

8" SSWL
6" SBWL
8" DSYL
6" SBWL
8" SSWL

ROAD WORK AHEAD
W20-1
36" x 36"

15
20
20
10
35
35
25
25
25

N 36° 15' 34" W
N 36° 15' 34" W

N 53° 49' 27" E
N 53° 49' 27" E
N 53° 49' 27" E

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

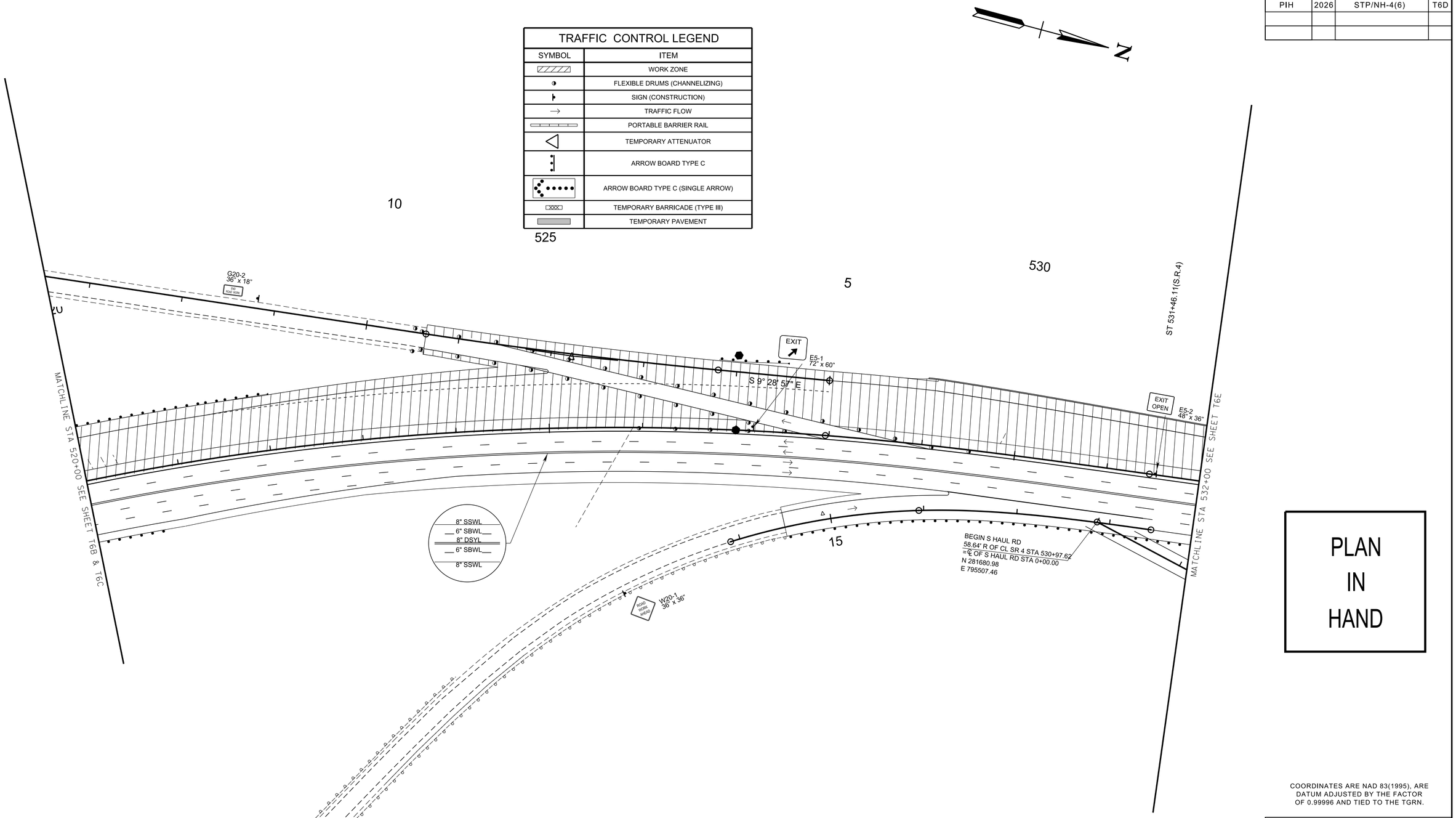
STA.508+00 TO STA.520+00
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:34 AM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\T6B_TCP3A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6C
PIH	2026	STP/NH-4(6)	T6D

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



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

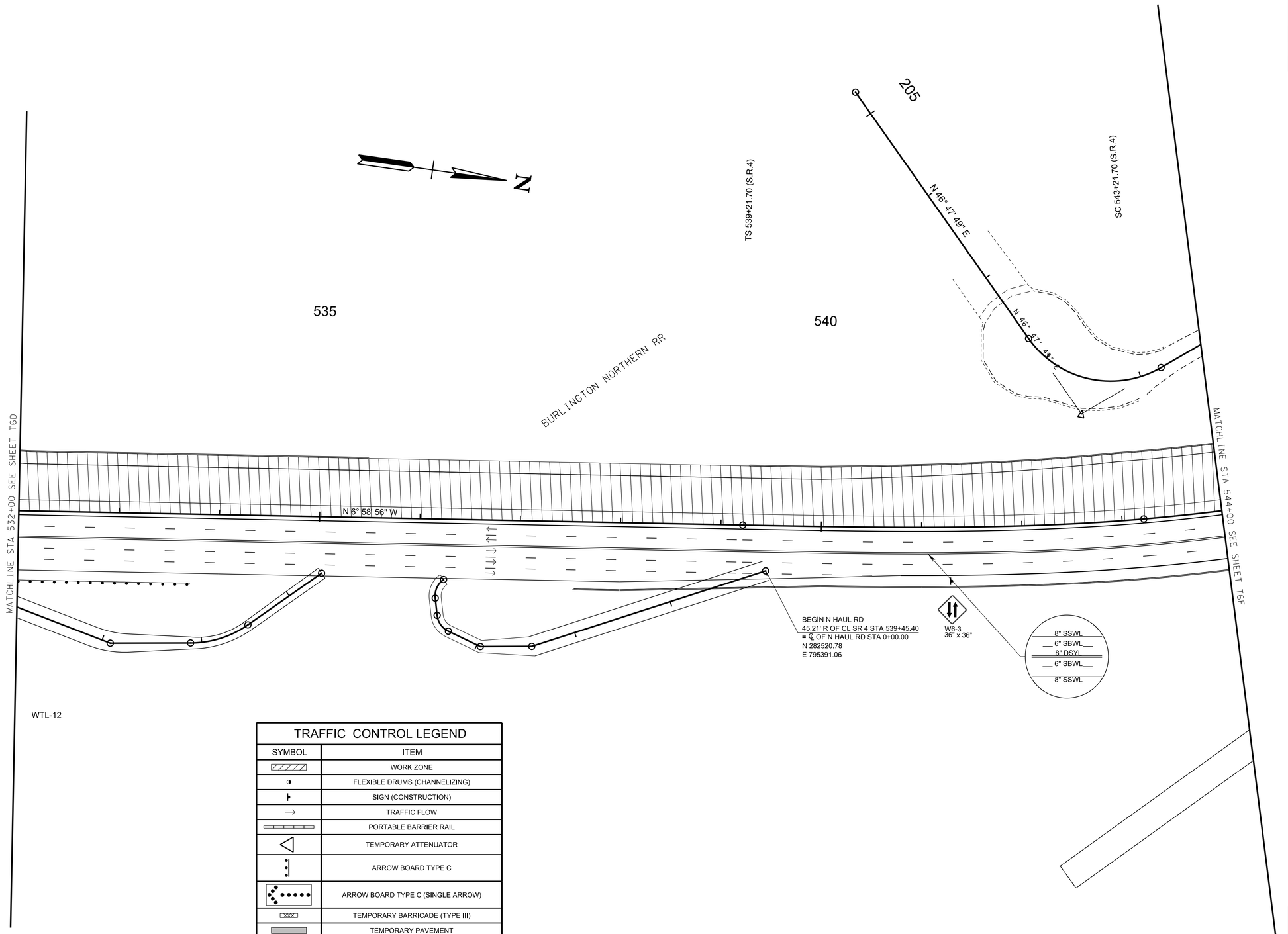
TRAFFIC CONTROL PLANS

STA.520+00 TO STA.532+00
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:35 AM
P:\0000_0100\0078240020_SR-4_(Lamar_Ave)\THY\24021 Lamar Corridor Alt\Microstation\T6C_TCP3A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6D
PIH	2026	STP/NH-4(6)	T6E



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.532+00 TO STA.544+00
SCALE: 1"=50'

PHASE 4

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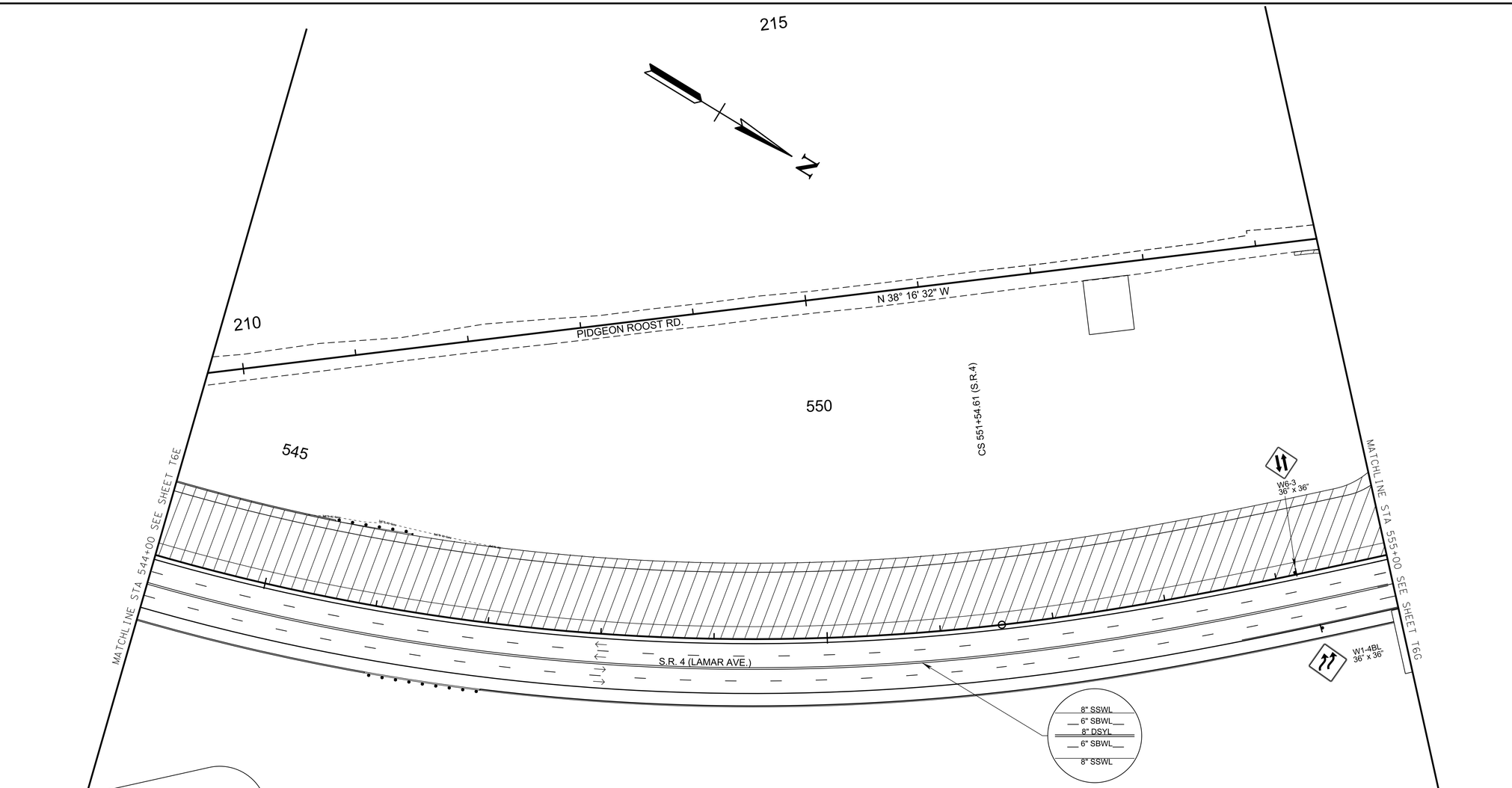
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6E
PIH	2026	STP/NH-4(6)	T6F



TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.544+00 TO STA.555+00
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:36 AM
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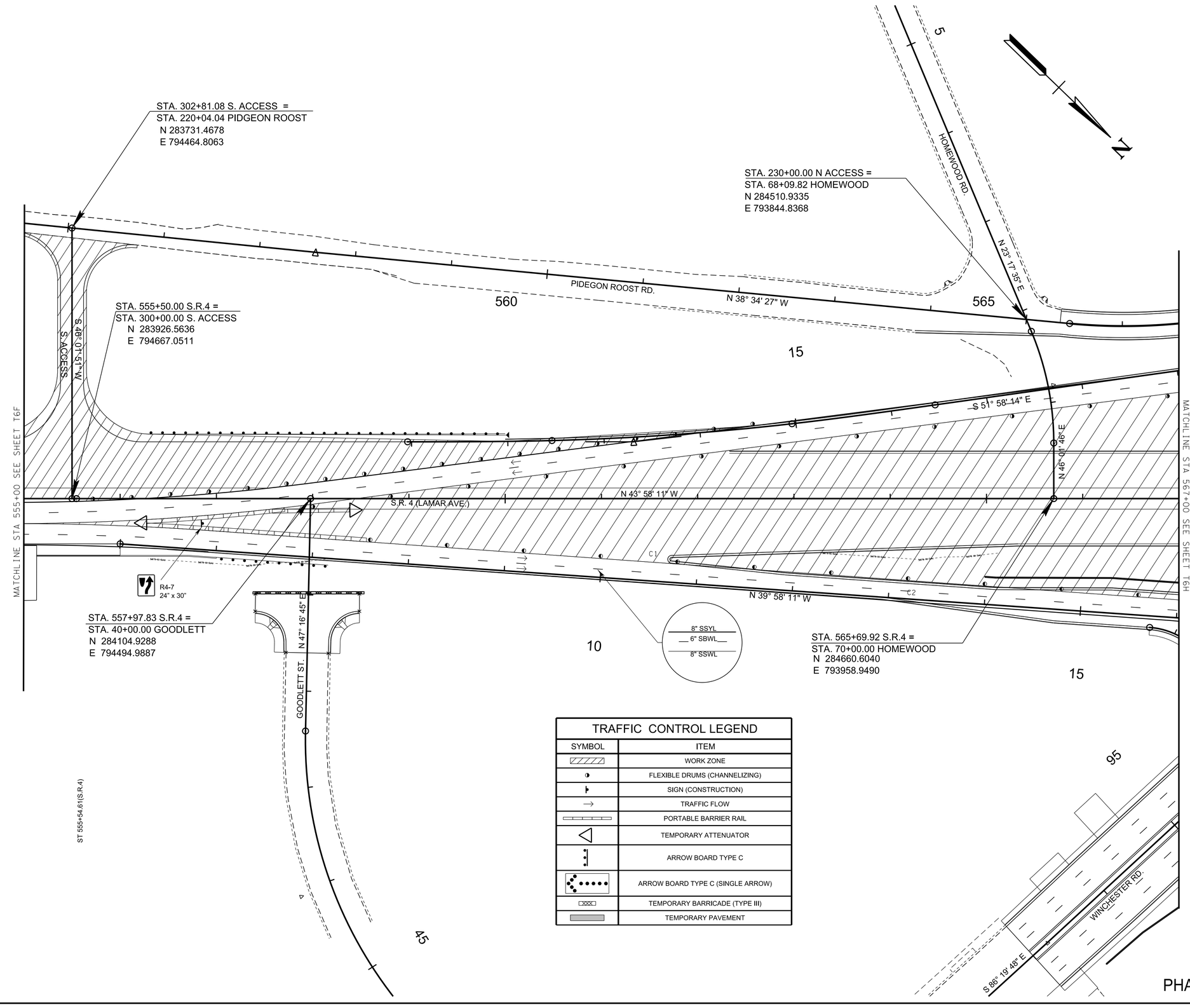
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6F
PIH	2026	STP/NH-4(6)	T6G



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

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.555+00 TO STA.567+00
SCALE: 1"=50'

PHASE 4

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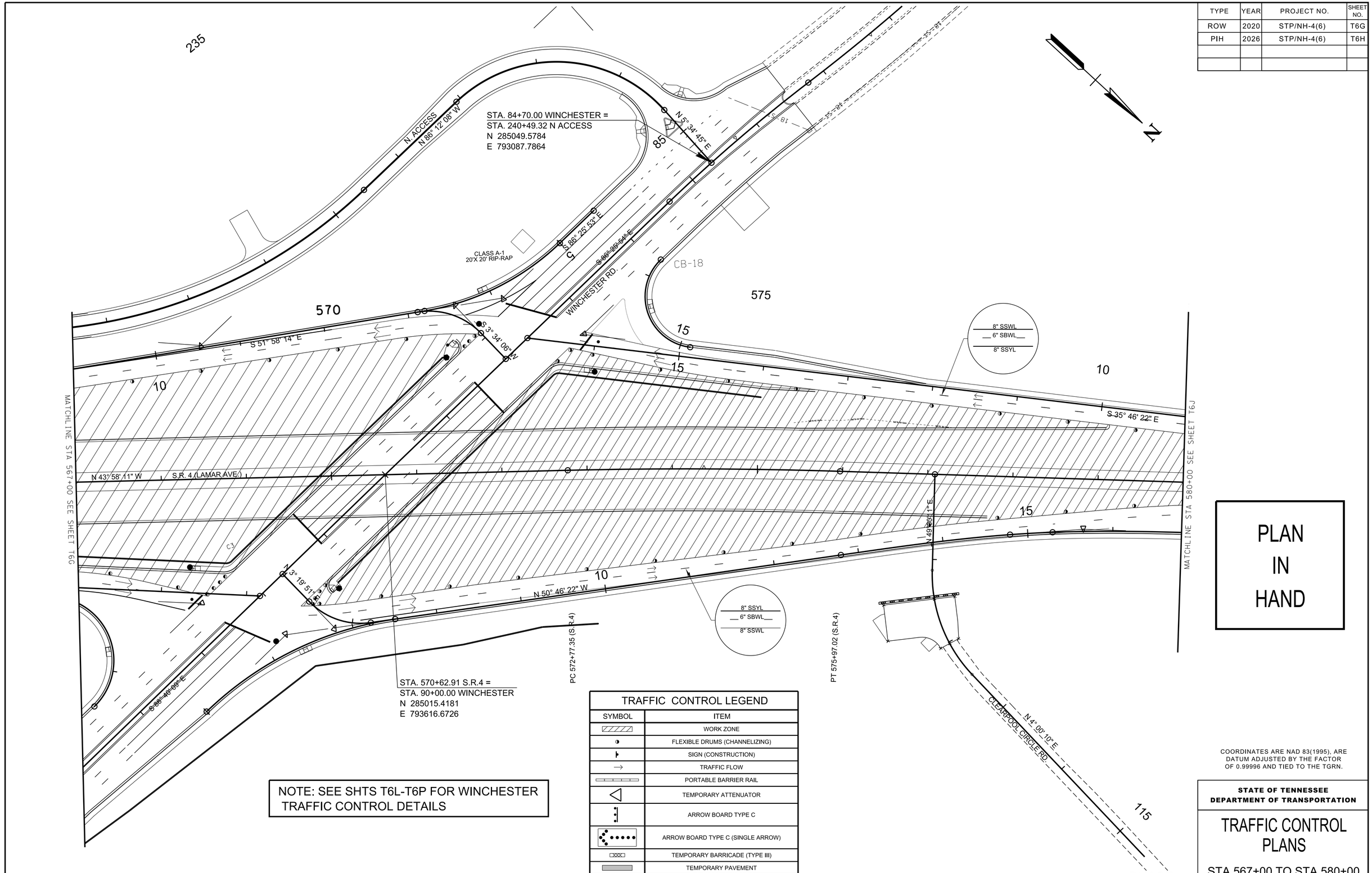
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6G
PIH	2026	STP/NH-4(6)	T6H



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

NOTE: SEE SHTS T6L-T6P FOR WINCHESTER TRAFFIC CONTROL DETAILS

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.567+00 TO STA.580+00
SCALE: 1"=50'

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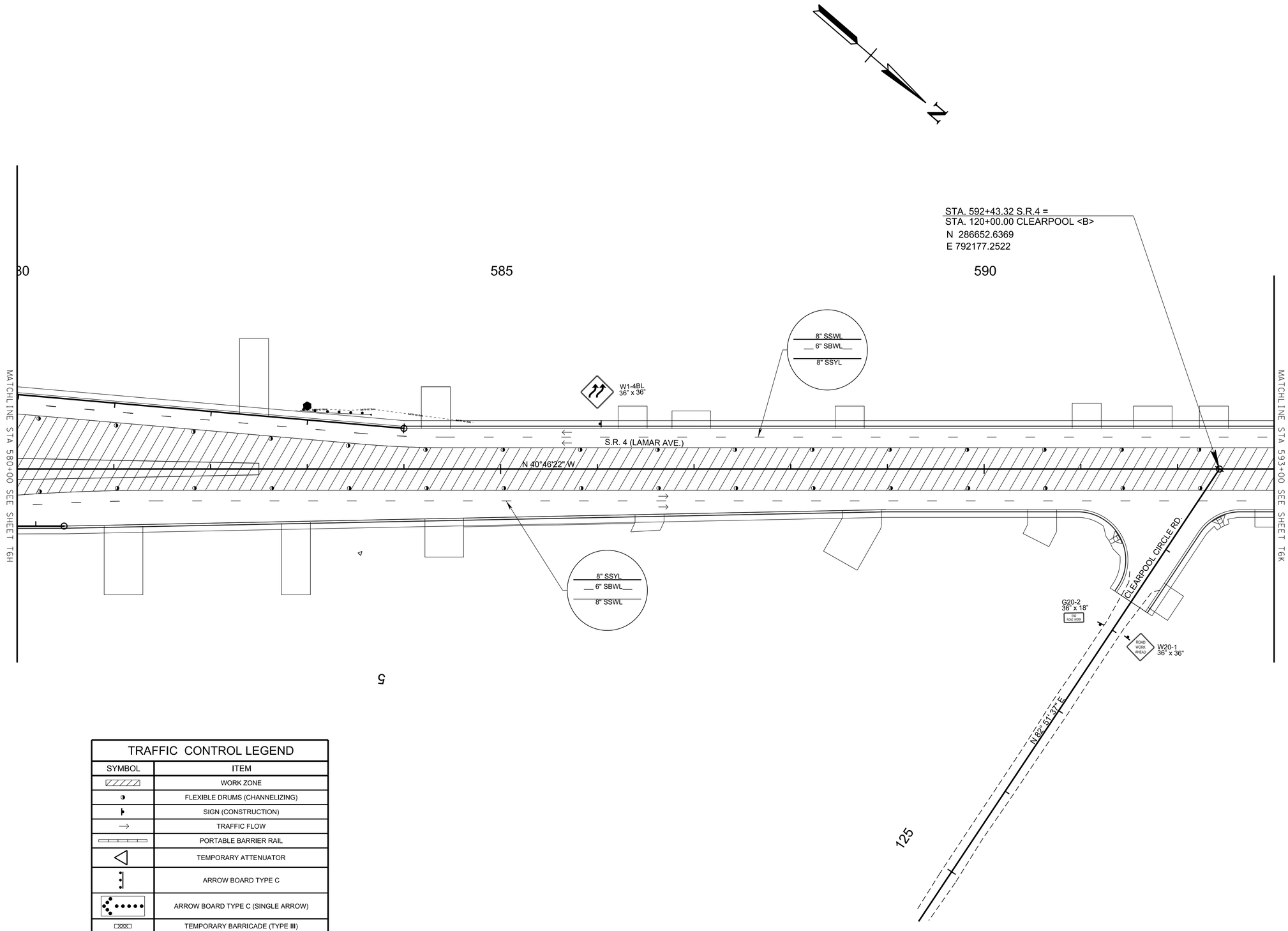
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6H
PIH	2026	STP/NH-4(6)	T6J



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

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.580+00 TO STA.593+00
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:38 AM
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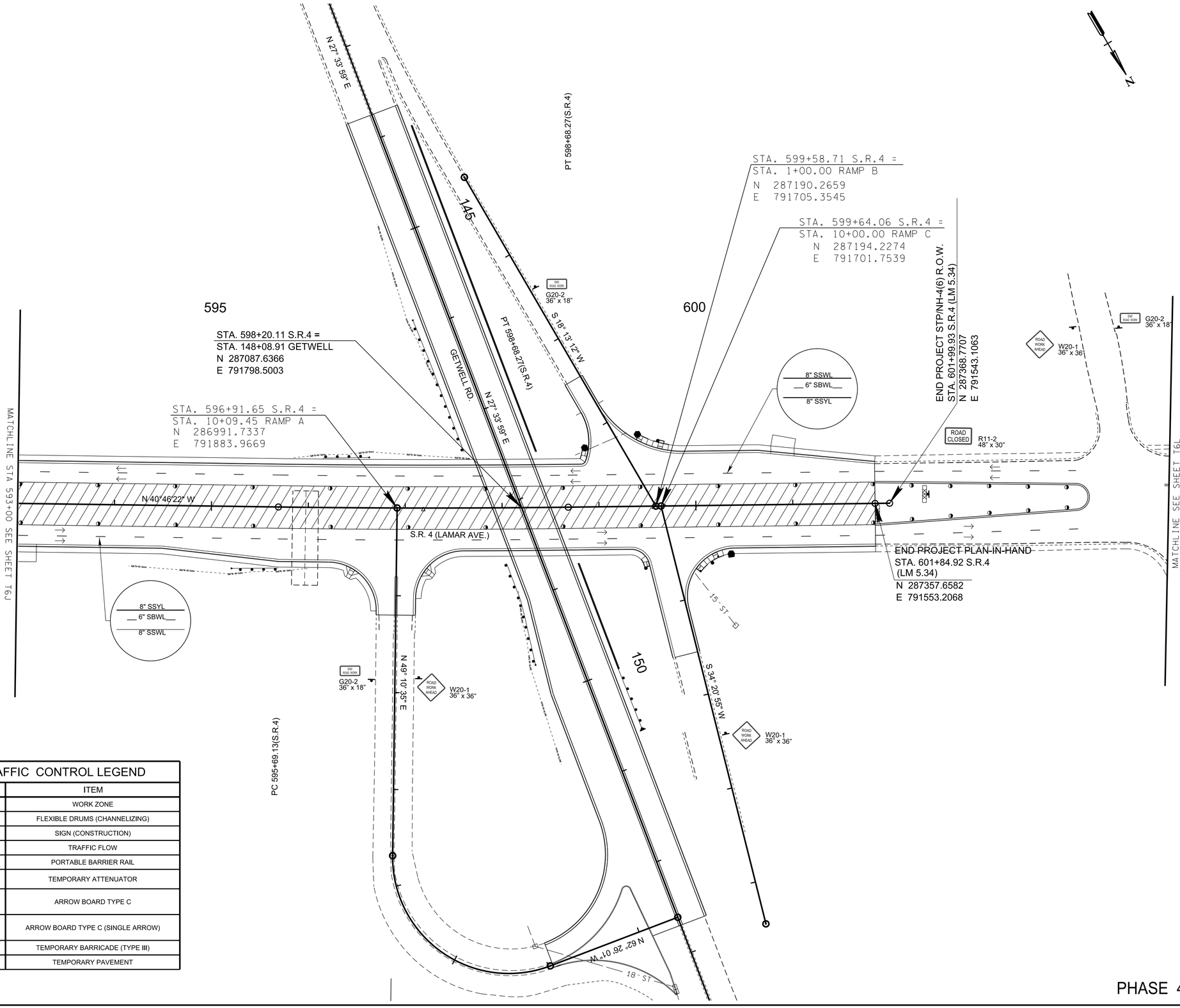
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	T6J
PIH	2026	STP/NH-4(6)	T6K



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

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.593+00 TO END PROJ.
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:39 AM
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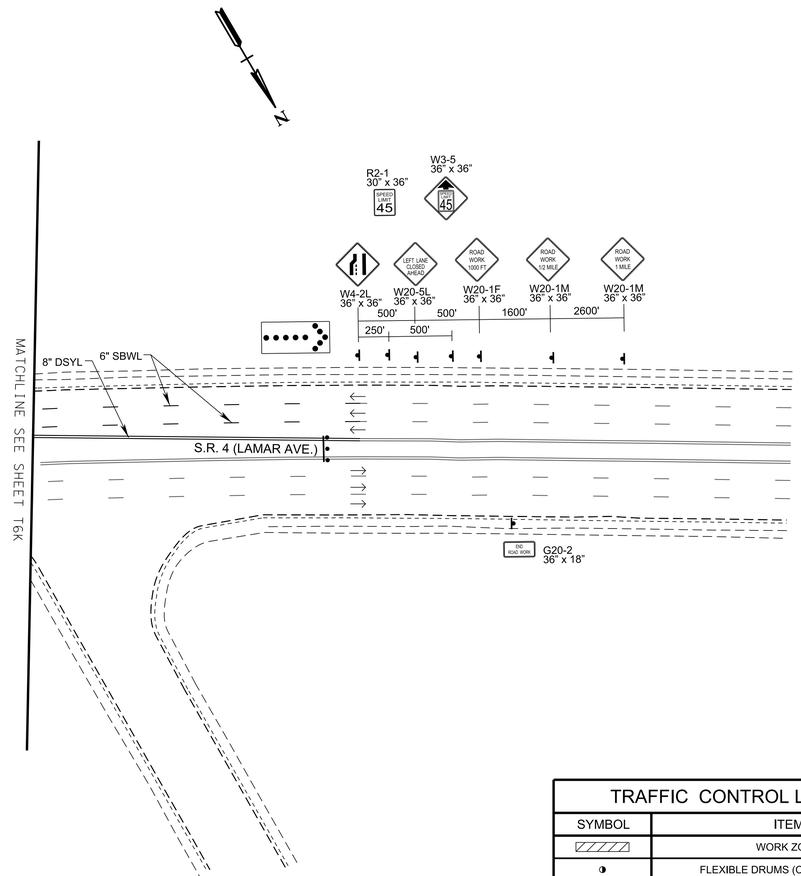
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T6L



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

PLAN
IN
HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

TO END PROJ.
SCALE: 1"=50'

PHASE 4

3/10/2026 11:23:39 AM
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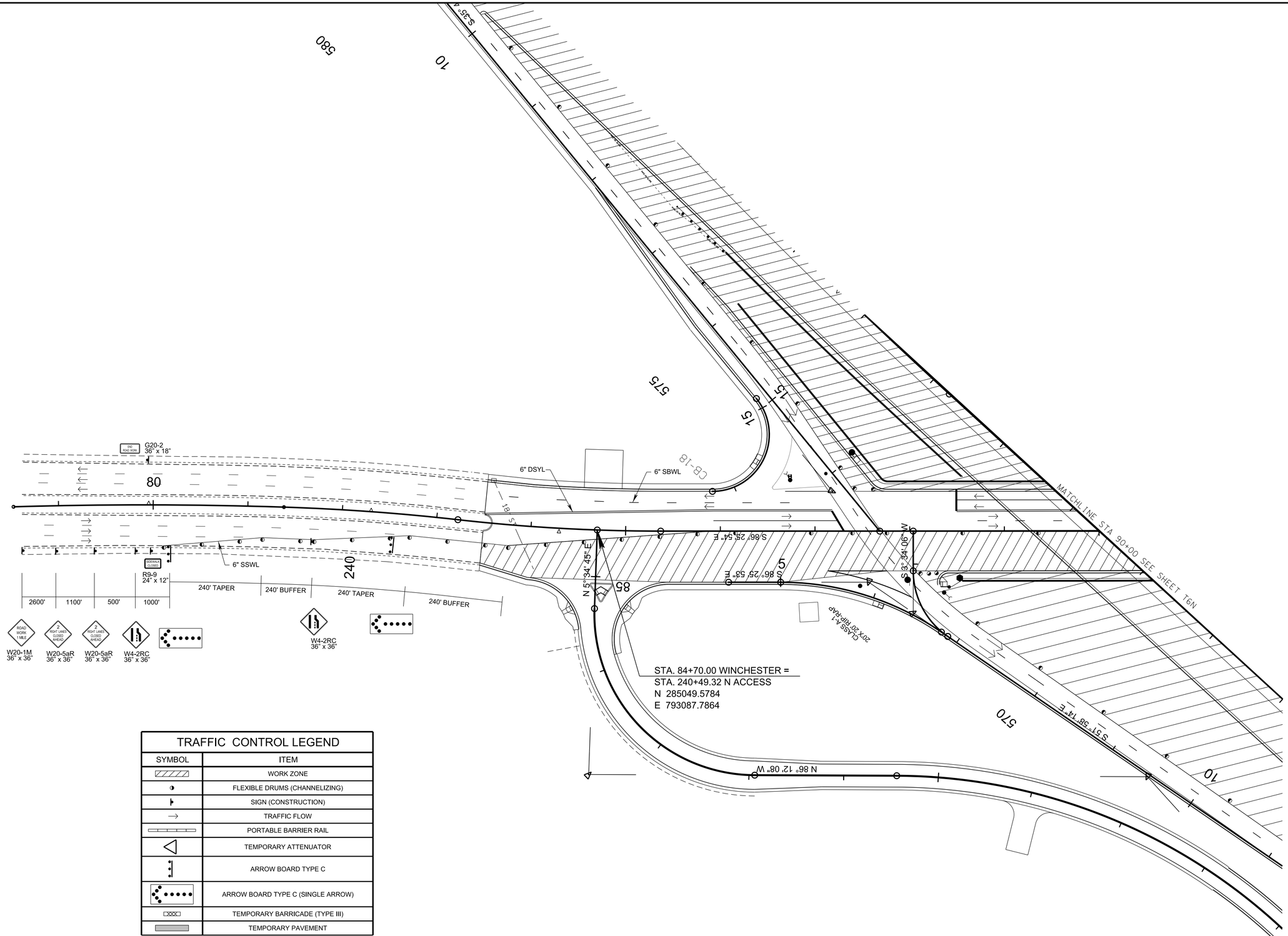
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T6M



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

PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BEGIN PROJ. TO 90+00
SCALE: 1"=50'

WINCHESTER DETAILS

3/10/2026 11:23:40 AM
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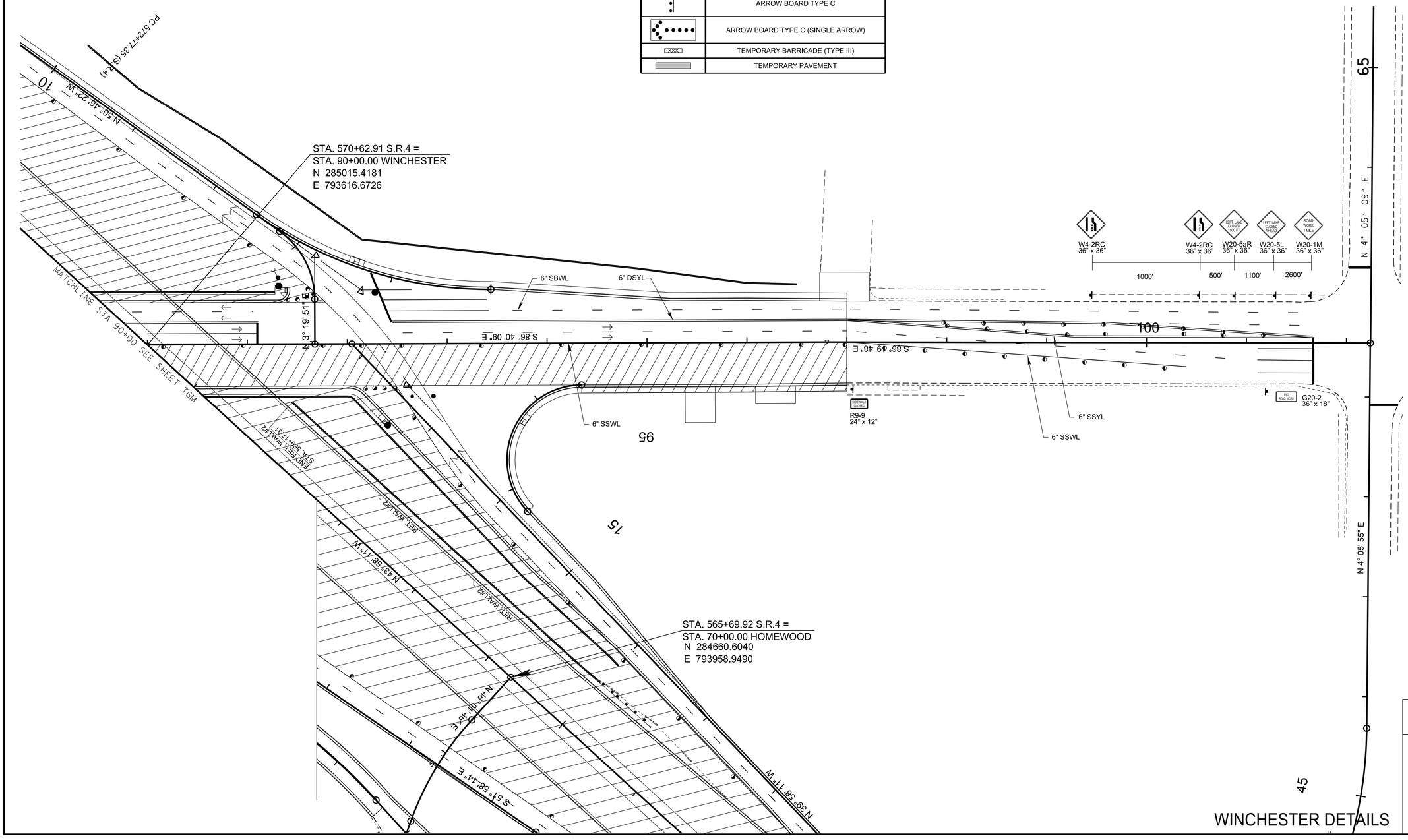
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T6N

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.90+00 TO END PROJ.
SCALE: 1"=50'

WINCHESTER DETAILS

3/10/2026 11:23:41 AM
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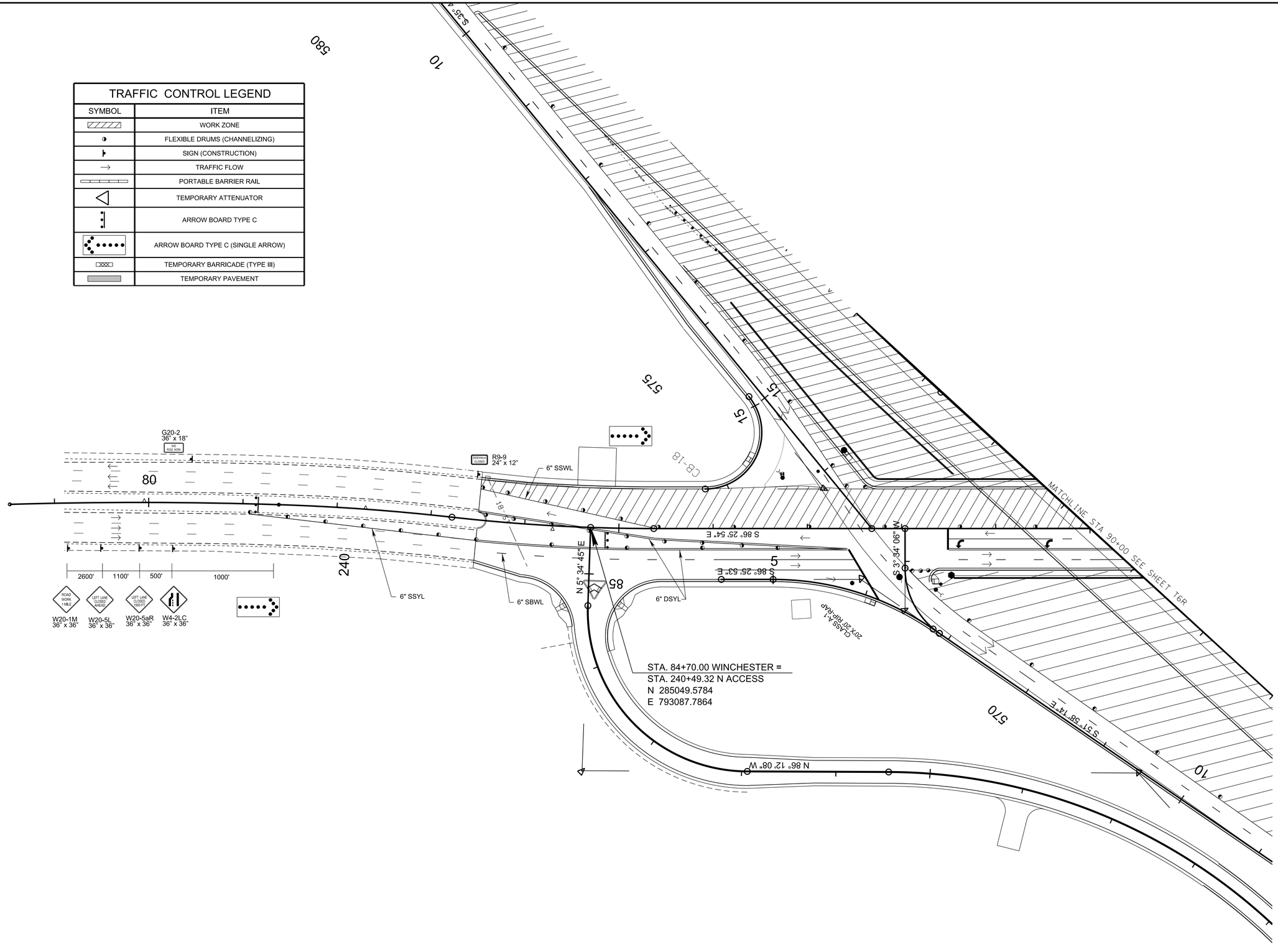
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T6P

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

BEGIN PROJ. TO 90+00
SCALE: 1"=50'

WINCHESTER DETAILS

3/10/2026 11:23:42 AM
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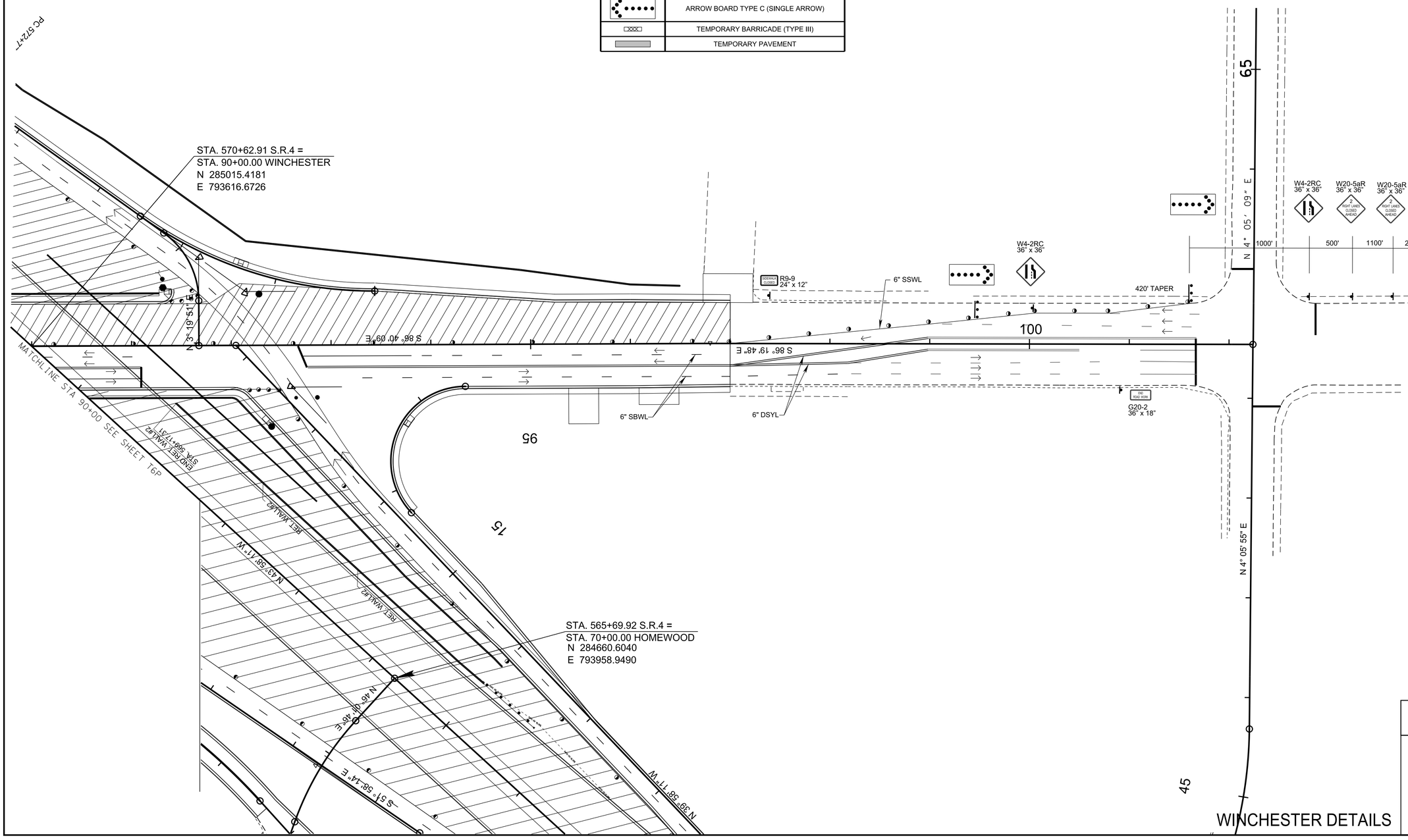
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	T6R

TRAFFIC CONTROL LEGEND

SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY PAVEMENT



PLAN IN HAND

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

WINCHESTER DETAILS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

STA.90+00 TO END PROJ.
SCALE: 1"=50'

3/10/2026 11:23:42 AM
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