THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ANDREW PAUL WISNIEWSKI Date: 2026.03.31 08:43:00 -05'00'

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TENNESSEE DEPARTMENT OF TRANSPORTATION
505 DEADERICK STREET, SUITE 1200

NASHVILLE, TN 37243
ANDREW WISNIEWSKI, 114267

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
STANDARD TRAFFIC DESIGN DRAWINGS	1A1
PROJECT COMMITMENTS	1B
ESTIMATED ROADWAY QUANTITIES	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B – 2B1
GENERAL NOTES	2C – 2C1
SPECIAL NOTES	2D
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PROPOSED LAYOUT	4B
PROPOSED PROFILE	4C
PRIVATE DRIVE PROFILE	5
DRAINAGE MAP	6
EROSION PREVENTION AND SEDIMENT CONTROL PLANS	7 – 12
SIGNING AND PAVEMENT MARKING PLAN	13
SIGN SCHEDULE	14
ROADWAY CROSS SECTIONS	15 - 25
TRAFFIC CONTROL PLANS	T1 – T18

YEAR	PROJECT NO.	SHEET NO.
2026	BR-NH-6(127)	ROADWAY-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

30-MAR-2026 13:28
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Index Of Sheets
SEE SHEET NO. 1A

TO BE BUNDLED WITH
PIN 124721.00

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

SUMNER COUNTY

SR-6 (NASHVILLE PIKE) BRIDGE OVER WEST FORK
STATION CAMP CREEK, LM 9.84 IN GALLATIN (IA) (GFT-26)

PS&E

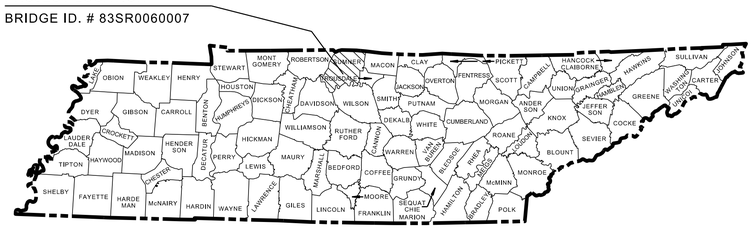
BRIDGE & APPROACHES

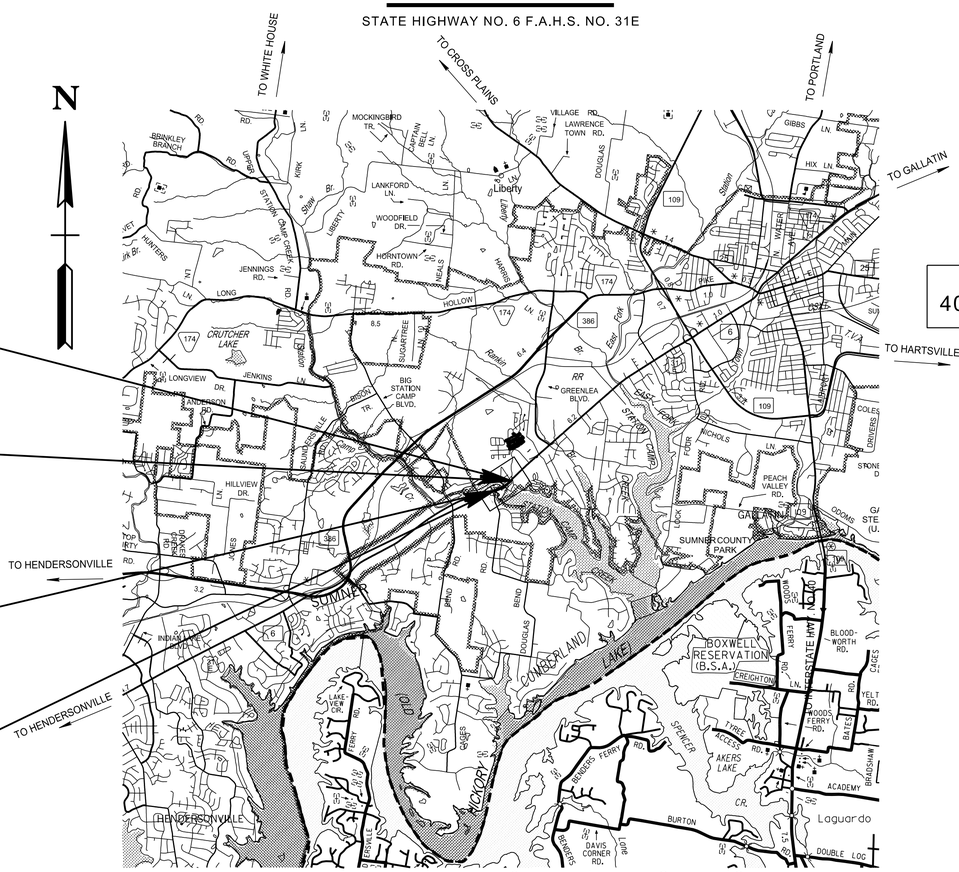
STATE HIGHWAY NO. 6 F.A.H.S. NO. 31E

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

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	BR-NH-6(127)	
STATE PROJ. NO.	83077-3219-94	

PROJECT LOCATION
BRIDGE ID. # 83SR0060007





SCALE: 1"= 5280'

0 1 2 3 MILES

NO EXCLUSIONS

PHASE CONSTRUCTION

SPEED LIMIT REDUCED TO 40 MPH DURING CONSTRUCTION

DESIGN EXCEPTION
APPROVED 03-17-21

1) [LANE WIDTHS]
[11' ON ENTIRE PROJECT]

SEALED BY
ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
NO. 0011492
STATE OF TENNESSEE
3/31/2026

APPROVED:
SHANE HESTER, CHIEF ENGINEER

DATE:

APPROVED:
WILL REID, COMMISSIONER

83077-3219-94
END PROJECT NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598 E 1818003.4042

83077-2219-94
END PROJECT NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484 E 1818002.1027

83077-2219-94
BEGIN PROJECT NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504 E 1817014.8480

83077-3219-94
BEGIN PROJECT NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590 E 1816992.2320

SPECIAL NOTES

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

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

TDOT PROJECT MANAGER : DAVID D. LAYHEW, P.E.

DESIGNER : JESSE HEAD, P.E. CHECKED BY : JORDAN DEL SARDO, P.E.

P.E. NO. 83077-1219-94 (DESIGN)

PIN NO. 124722.00

R.O.W. LENGTH	0.215 MILES
ROADWAY LENGTH	0.186 MILES
BRIDGE LENGTH	0.033 MILES
BOX BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES ▲
PROJECT LENGTH	0.219 MILES

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

SURVEY 12-07-17	TRAFFIC DATA	
	ADT (2026)	33,150
	ADT (2046)	47,640
	DHV (2046)	4,597
	D	52 - 48
	T (ADT)	10 %
	T (DHV)	8 %
	V	50 MPH

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	1A
PS&E	2026	BR-NH-6(127)	1A

ROADWAY INDEX

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BRIDGE PLANS	B-1
GEOTECHNICAL PLANS	G-1
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS	S-1
UTILITIES PLANS	U1–1

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

STANDARD ROADWAY DRAWINGS

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-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

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-TS-3B		DESIGN STANDARDS FOR ARTERIAL HIGHWAYS WITH FLUSH MEDIAN (4 AND 6 LANE)
RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS
RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD-UD-3	01-09-24	UNDERDRAIN DETAILS
RD-UD-4	06-28-19	UNDERDRAIN LATERAL DETAILS
RD-UD-9	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES

ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

DWG.	REV.	DESCRIPTION
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-11	03-04-21	VERTICAL CONCRETE CURB AND CURB AND GUTTER (FOR 6” & 7” GUTTER DEPTH)
S-F-1	03-01-23	HIGH VISIBILITY FENCE
S-RP-2	06-28-19	STANDARD CONCRETE RIGHT-OF-WAY MARKERS

MULTIMODAL

DWG.	REV.	DESCRIPTION
CR-GN-1		GENERAL NOTES CURB RAMP
CR-DWS-1		DETECTABLE WARNING SURFACE DETAIL
CR-40		MONO-DIRECTIONAL SINGLE CROSSWALK CURB RAMP DETAILS
MM-SW-1	07-07-23	DETAILS FOR CONCRETE SIDEWALKS
MM-TS-2	06-15-21	LATERAL OFFSETS FOR SIDEWALK AND SHARED USE PATH

SAFETY DESIGN AND GUARDRAILS

DWG.	REV.	DESCRIPTION
S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
S-PL-1	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED
S-PL-1A	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED (FOR RIGID OBJECTS)
S-PL-1B	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED ON CURVED ROADWAYS
S-PL-3	03-01-23	SAFETY PLAN MINIMUM INSTALLATION AT BRIDGE ENDS
S-PL-6	07-30-24	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
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-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-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRT-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR

EROSION PREVENTION AND SEDIMENT CONTROL

DWG.	REV.	DESCRIPTION
EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-11	03-16-17	CULVERT PROTECTION TYPE 1
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-38	08-01-12	FLOATING TURBIDITY CURTAIN

SEALED BY

ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE REG. NO. 0011-2927 STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	1A1
PS&E	2026	BR-NH-6(127)	1A1

STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
SIGN		
T-S-9	07-30-25	STANDARD LAYOUT - GROUND MOUNTED SIGNS
T-S-10	07-30-25	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS, ALUMINUM-STEEL DESIGN
T-S-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-16	07-30-25	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-19	07-30-25	STANDARD STEEL SIGN SUPPORTS
T-S-20	07-30-25	SIGN DETAILS
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-18A	01-24-25	DELINEATOR MOUNTING DETAILS
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-26-25	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-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-60	03-26-25	FREEWAY RESURFACING SIGNING PROCEDURES
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

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4263
STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
TRAFFIC
DESIGN
DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	1B
PIH	2025	BR-NH-6(127)	1B
PS&E	2026	BR-NH-6(127)	1B

PROJECT COMMITMENTS

COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STA. / LOCATION
EDHZ001	ENVIRONMENT	An Asbestos Containing Material (ACM) survey was performed on Bridge No. 83SR0060007, SR-6 over West Fork Station Camp Creek LM 9.84 (83-SR006-09.84). The bridge has asbestos in the gas line utility wrap on the north side of the bridge. There is approximately 300 linear feet of wrap at 25% chrysotile. Please see the report for further details and photographs.	Bridge No. 83SR0060007
EDHZ002	ENVIRONMENT	The State of Tennessee asbestos accreditation requirements (TDEC Rules Chapter 1200-01-20) mandates that ACM abatement work be performed by an accredited firm (contractor) using accredited abatement workers and supervisors. Abatement of this material should be accomplished per SP202ACM Special Provision Regarding Removal of Asbestos-Containing Materials. ACM abatement should be completed prior to any demolition activities if possible. Prior to the demolition 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 demolition to the TDEC Division of Air Pollution Control (per TDOT Standard Specifications for Road and Bridge Construction (January 1, 2015) Sections 107.08 D and 202.03).	Bridge No. 83SR0060007
ETR3001	ENVIRONMENT	In accordance with the MOA Between USFWS, FHWA, and TDOT addressing Cliff Swallow and Barn Swallow Nesting Sites, 9/30/2015, cliff swallow and barn swallow nests, eggs, or birds (young and adults) will not be disturbed between April 15 and July 31. From August 1 to April 14, nests can be removed or destroyed, and measures implemented to prevent future nest building at the site (e.g., closing off area using netting).	SR-6 Bridge over STR-1 (West Fork Station Camp Creek)
EDEC001	ENVIRONMENT	The TDOT Environmental Division must be notified at least thirty days prior to any bridge blasting to remove structures over STR-1. This notification must be sent to TDOT Environmental via e-mail at TDOT.ENV.Ecology@tn.gov. TDOT must complete early coordination with the TWRA Divisions (Enforcement, Fisheries, and Environmental Services) to coordinate such activities and ensure TWRA is involved in all pre-blast meetings.	West Fork Station Camp Creek

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3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROJECT COMMITMENTS

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ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 83077-3219-94	QUANTITY 83077-3219-94	TOTAL QUANTITY
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	0.5		0.5
	108-03	CPM PROJECT SCHEDULE	LS	0.5		0.5
	201-01	CLEARING AND GRUBBING	LS	0.5		0.5
(3)(9)(25)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	4129		4129
(27)	203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	10300		10300
	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	86		86
(15)	203-06	WATER	M.G.	55		55
(26)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	1		1
(5)(6)	209-05	SEDIMENT REMOVAL	C.Y.	139		139
(5)(6)(10)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	2455		2455
(5)(6)	209-08.08	ENHANCED ROCK CHECK DAM	EACH	2		2
(5)(6)(7)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	12		12
(5)(6)	209-13.04	TURBIDITY CURTAIN (EPSC STAGE 2)	L.F.	920		920
(5)(6)	209-13.05	TURBIDITY CURTAIN (EPSCE STAGE 3)	L.F.	950		950
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	3283		3283
(5)(6)(8)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	1559		1559
(3)(6)	307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	TON	96		96
(3)(6)	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	139		139
(3)(6)(24)	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	140		140
(3)(6)	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	5		5
(3)(6)	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	17		17
(3)(6)	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	6		6
(3)(6)	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	220		220
(3)(6)	411-02.10	ACS MIX(PG70-22) GRADING D	TON	900		900
	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	0.8		0.8
(3)(6)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	846		846
(19)	702-01	CONCRETE CURB	C.Y.	6		6
	705-06.01	W BEAM GR (TYPE 2) MASH TL3	L.F.	1163		1163
	705-06.10	GR TERMINAL TRAILING END (TYPE 13) MASH TL3	EACH	1		1
	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	2		2
	705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	2		2
(3)	706-01	GUARDRAIL REMOVED	L.F.	1354		1354
	706-10.80	MICHIGAN AND MODIFIED MICHIGAN END SHOE	EACH	2		2
	707-06.01	REMOVAL OF FENCE (WOVEN WIRE, WOOD SPLIT RAIL)	L.F.	163		163
(5)(6)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	1570		1570
	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	7		7
(5)(6)(11)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	115		115
(5)(6)(13)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	166		166
(16)	709-05.08	MACHINED RIP-RAP (CLASS B)	TON	948		948
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	984		984
	710-05	LATERAL UNDERDRAIN	L.F.	192		192
	710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	5		5
(17)	712-01	TRAFFIC CONTROL	LS	0.5		0.5
(30)	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	1150		1150
(1)	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	4		4
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	200		200
(18)	712-04.50	BARRIER RAIL DELINEATOR	EACH	20		20
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	6		6
(4)(20)	712-06	SIGNS (CONSTRUCTION)	S.F.	594		594
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	33		33
	712-08.03	ARROW BOARD (TYPE C)	EACH	2		2
	712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	EACH	2		2
	713-11.01	"U" SECTION STEEL POSTS	LB.	430		430
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	70		70
	713-11.21	P POST SLIP BASE	EACH	4		4
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	23		23
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	15		15
	713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	40		40
	713-15.01	REMOVAL OF EXISTING SIGN POST	EACH	2		2
(3)	713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	EACH	9		11
	713-15.41	SIGN REMOVAL (STOP SIGN AHEAD, W3-1S)	LS	1		1

FOOTNOTES

(1) TO BE USED FOR BARRIER ENDS IN TRAFFIC CONTROL PHASES

(2) 222 S.Y.TO BE USED FOR CULVERT PROTECTION (TYPE 1) 343 S.Y. TO BE USED FOR TEMP. CONST. EXITS 313 S.Y. TO BE USED FOR SEDIMENT FILTER BAG.

(3) SEE SHEET 2F FOR DETAILS

(4) IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORARILY DESIGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING METHOD APPROVED BY THE ENGINEER. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06 SIGNS (CONSTRUCTION).

(5) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

(6) ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.

(7) INCLUDES TWO EXTRA FILTER BAGS FOR REPLACEMENT

(8) 35 TONS TO BE USED FOR SEDIMENT FILTER BAG. 12 TONS TO BE USED FOR CULVERT PROTECTION (TYPE 1). 1512 TONS TO BE USED FOR BRIDGE ENDS

(9) 29 C.Y. TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.

(10) 354 L.F. TO BE USED FOR SEDIMENT FILTER BAG.

(11) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.

(12) INCLUDES 2 M.G. FOR EROSION PREVENTION AND SEDIMENT CONTROL.

(13) 124 TON TO BE USED FOR CULVERT PROTECTION (TYPE 1). 42 TON TO BE USED FOR BRIDGE ENDS.

(14) TO BE USED FOR TEMPORARY PAVEMENT MARKINGS. INCLUDES REMOVAL AFTER USE.

(15) 45 MG TO BE USED FOR BASE MATERIAL. 10 MG TO BE USED FOR EMBANKMENT

(16) ITEM SUPPLIED BY STRUCTURES DIVISION. SEE BRIDGE PLANS.

(17) THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

(18) ITEM TO BE USED ON PORTABLE BARRIER RAIL FOR TEMPORARY TRAFFIC CONTROL.

(19) 6 C.Y. USED FOR VERTICAL CURB FROM STATIONS 393+04 TO 395+10

(20) THE CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF CONSTRUCTION SIGNS.

(21) USE OF MONOFILAMENT GEOTEXTILES IS PROHIBITED WITHIN 30FT OF A STREAM OR ANY OTHER RIPARIAN BUFFER AREA.

(22) TO BE USED FOR BRIDGE ENDS

(23) ITEM TO BE USED TO REMOVE THE EXISTING MARKINGS THAT CONFLICT WITH THOSE SHOWN ON THE TEMPORARY TRAFFIC CONTROL PLANS.

(24) INCLUDES 71.5 TONS FOR SPOT REPAIR IN RESURFACED AREAS.

(25) SEE GRADING SPECIAL NOTES ON SHEET 2D.

(26) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS, INCLUDING UNDER AND AROUND GUARDRAIL. MAINTENANCE OF VEGETATION SHOULD BE BUILT INTO THE BID UNDER EXISTING ITEMS.

(27) 5600 S.Y. TO BE USED BETWEEN STATION 384+00 AND STATION 389+50 OR OTHERWISE AS DIRECTED BY ENGINEER FOR THE STABILIZATION OF SUBGRADE. 795 S.Y. TO BE USED FOR BRIDGE ENDS.

(28) INCLUDES GREEN MARKINGS FROM BIKE CONFLICT ZONES AT INTERSECTIONS, AS WELL AS BIKE BOX PAVEMENT MARKINGS.

(29) TO BE USED AT THE DISCRETION OF THE TDOT SUPERVISOR.

(30) THE PORTABLE BARRIER RAIL USED ON THE BRIDGE DECK AND APPROACH SLABS (223'0" LENGTH) SHALL BE STIFFENED DURING PHASES 1 & 2. SEE STANDARD DRAWING STD-2-3 FOR DETAILS. ALL COSTS FOR THE STIFFENER ASSEMBLIES AND THEIR INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE BID ITEM 712-02.01

(31) INCLUDES ACCESS TO EXISTING & PROPOSED PIERS AS DESCRIBED ON EPSC SHEETS.

(32) TO BE USED AT INTERCHANGE OF SR-386 EB OFF-RAMP AND GREEN LEA BLVD AS DIRECTED BY THE ENGINEER. SYSTEM SHALL INCLUDE WOOD POLES, GUYING DEVICES, SPAN WIRE, CONDUIT RISERS, SIGNAL HEADS, RADAR DETECTION, CONTROLLER CABINET, AND ANY OTHER SIGNAL RELATED EQUIPMENT NECESSARY TO HAVE A FULLY FUNCTIONAL TRAFFIC SIGNAL SYSTEM. COST TO INCLUDE MODIFICATION OF EXISTING SIDEWALK AS NEEDED FOR SIGNAL POLE INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING SIGNAL TIMING AS NEEDED BASED ON TRAFFIC FLOW.

(33) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME BID PRICE AS THERMOPLASTIC.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	2
PS&E	2026	BR-NH-6(127)	2

SEALED BY

ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE ENG. 0011.2927 STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 83077-3219-94	QUANTITY 83077-3219-94	TOTAL QUANTITY
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2		2
	716-01.05	TEMPORARY RAISED PAVEMENT MARKER	EACH	150		150
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	108		108
	716-01.22	SNOWPLOWABLE RPM (MONO-DIR)(1 COLOR)	EACH	67		67
(33)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	15		15
(33)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	66		66
(33)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	7		7
	716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	175		175
	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	105		105
	716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	L.F.	150		150
	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.1		0.1
(33)	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	4		4
(33)	716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	EACH	6		6
(33)	716-04.15	PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED	EACH	5		5
(28)	716-04.21	GREEN TEXTURED BIKE LANE	S.Y.		35	35
(14)	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	66		66
(14)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	7		7
(23)	716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	L.F.	5075		5075
(23)	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	66		66
	716-09.86	CONTRAST PAVEMENT MARKING 6"	L.M.	0.2		0.2
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	3.57		3.57
(31)	717-01	MOBILIZATION	LS	0.5		0.5
(32)	730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1		1
(22)	740-07.04	GEOGRID REINFORCEMENT TYPE 2	S.Y.	2370		2370
(2)(5)(6)(21)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	878		878
(27)	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	6395		6395
(5)(29)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	17		17
(5)(6)(12)	801-03	WATER (SEEDING & SODDING)	M.G.	7		7
	803-01	SODDING (NEW SOD)	S.Y.	517		517

FOOTNOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	2-1

SEALED BY

ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE 0011297 STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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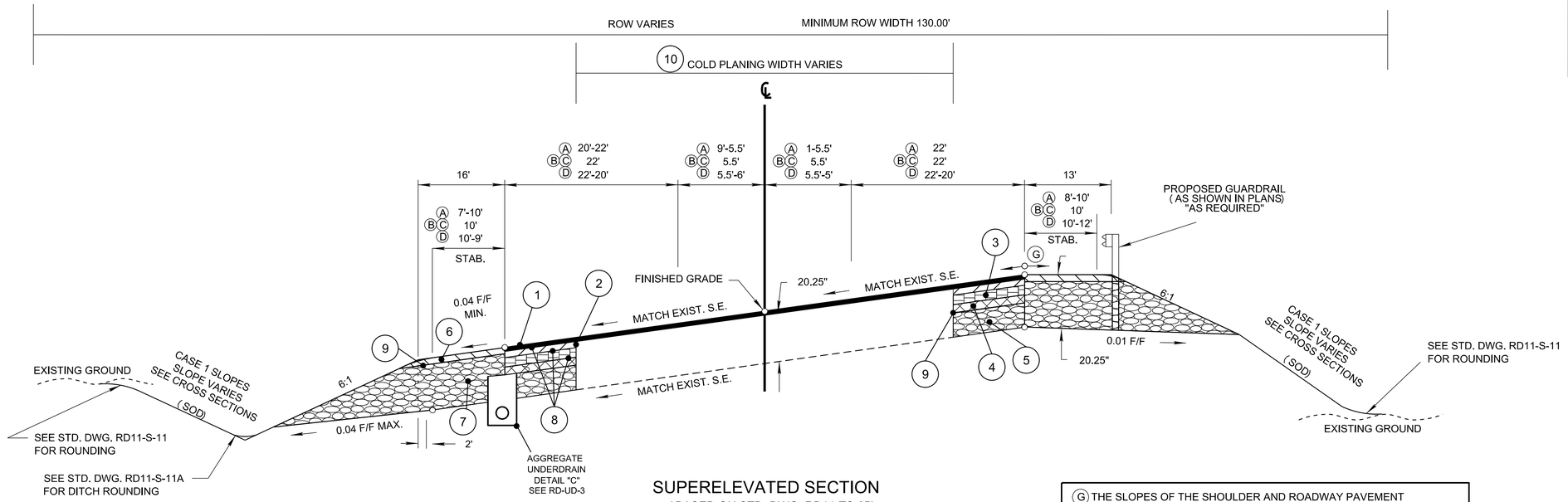
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	2B
PIH	2025	BR-NH-6(127)	2B
PS&E	2026	BR-NH-6(127)	2B



SUPERELEVATED SECTION

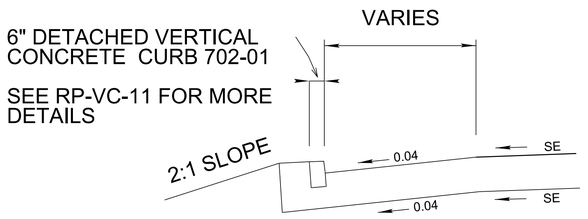
(BASED ON STD. DWG. RD11-TS-3B)

SR 6

- (A) STA. 383+51.00 TO 387+51.00
- (B) STA. 387+51.00 TO 389+85.50
- (C) STA. 391+60.50 TO 392+60.00
- (D) STA. 392+60.00 TO 395+10.00

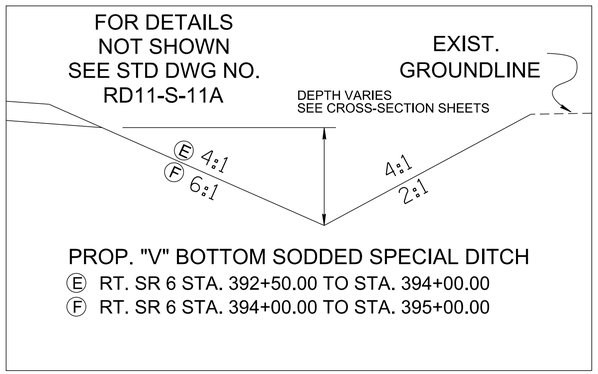
NOTE: THE PROPOSED BRIDGE IS LOCATED FROM STA. 389+85.50 TO 391+60.50

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



CURB DETAIL

STA. 393+04.00 LT TO STA. 395+10.00 LT



PROP. "V" BOTTOM SODDED SPECIAL DITCH

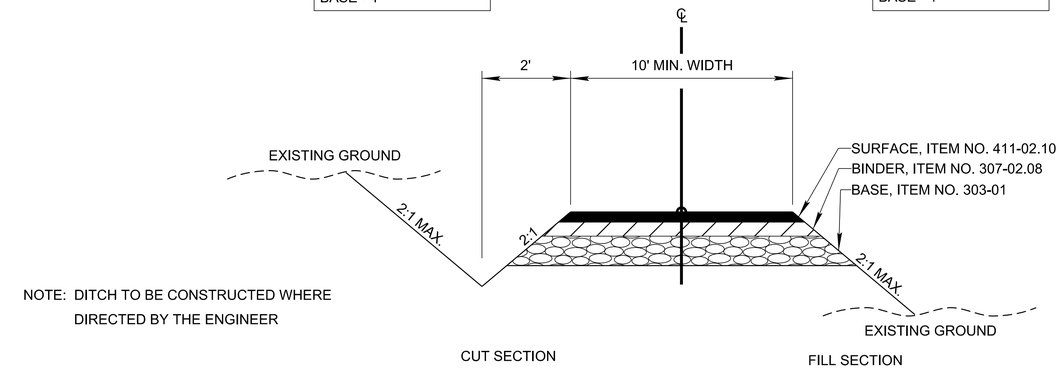
- (E) RT. SR 6 STA. 392+50.00 TO STA. 394+00.00
- (F) RT. SR 6 STA. 394+00.00 TO STA. 395+00.00

BUSINESS

SURFACE - 1¼"
BINDER - 1¾"
BASE - 4"

FIELD OR RESIDENTIAL

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

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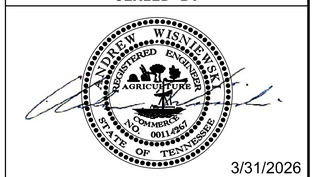

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

NOTE: SEE SHEET 2B1 FOR PAVEMENT SCHEDULE

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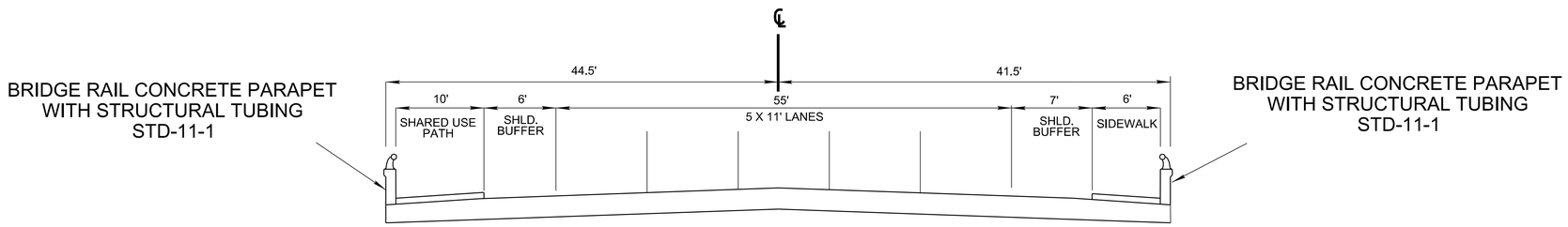
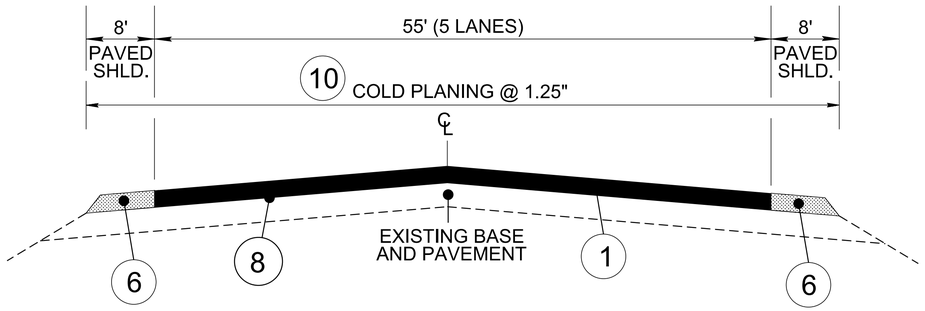
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	2B1
PIH	2025	BR-NH-6(127)	2B1
PS&E	2026	BR-NH-6(127)	2B1

PROPOSED PAVEMENT SCHEDULE

(1) ASPHALTIC CONCRETE SURFACE ROADWAY @ 1.25" THICK (APPROX. 132.5 LB/SY) 411-02.10 ACS MIX (PG70-22) GRADING "D"	(6) ASPHALTIC CONCRETE SURFACE ROADWAY @ 1.50" THICK (APPROX. 154.5 LB/SY) (SHOULDER) 411-01.07 ACS MIX (PG64-22) GRADING "E"
(2) BITUMINOUS PLANT MIX BASE ROADWAY @ 2" THICK (APPROX. 226 LB/SY) 307-02.08 ASPHALT CONCRETE MIX (PG70-22)(BPMB-HM) GRADING "B-M2"	(7) MINERAL AGGREGATE BASE 18.75" THICK (SHOULDER) 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING "D"
(3) BITUMINOUS PLANT MIX BASE ROADWAY 4" THICK (APPROX. 460 LB/SY) 307-02.01 ASPHALT CONCRETE MIX (PG70-22)(BPMB-HM) GRADING "A"	(8) TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
(4) BITUMINOUS PLANT MIX BASE ROADWAY 3" THICK (APPROX. 270 LB/SY) 307-01.21 ASPHALT CONCRETE MIX (PG70-22)(BPMB-HM) GRADING "A-S"	(9) PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) (0.30-0.35 GAL/SY) 402-02 AGGREGATE FOR COVER MATERIAL (PC) (8-12 LB/SY)
(5) MINERAL AGGREGATE BASE 10" THICK 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING "D"	(10) COLD PLANING @ 1.25" THICK (APPROX. 131.25 LBS/S.Y.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT



PROPOSED MULTIMODAL ACCOMMODATIONS
SR 6
TOTAL WIDTH: 86' - 0"
POSTED SPEED 45 MPH



PROPOSED TRAFFIC CONTROL RESURFACING TYPICAL SECTION
STA. 377+85.50 TO STA. 383+51.00
STA. 395+10.00 TO STA. 400+60.50

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ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 0011.4267 STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE
N.T.S.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	2C
PS&E	2026	BR-NH-6(127)	2C

GENERAL NOTES

GRADING

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

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

SEEDING AND SODDING

(1) ALL EXISTING ROADS WITHIN THE RIGHT-OF-WAY AND NOT IN THE GRADED AREA THAT ARE TO BE ABANDONED SHALL BE SCARIFIED, OBLITERATED, TOPSOILED AND SEEDED. SCARIFYING AND OBLITERATING THE PAVEMENT WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS. TOPSOIL, IN ACCORDANCE WITH SECTION 203 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 203-04 AND/OR 203-07. SEEDING, IN ACCORDANCE WITH SECTION 801 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 801-01.07.

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

GUARDRAIL

(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.

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

FENCING

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

MISCELLANEOUS

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

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

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

(2) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.20, PAINTED PAVEMENT MARKING (6" LINE), L.M.

FINAL PAVEMENT MARKING

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

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

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

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

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

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

DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

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

PAVEMENT

PAVING

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

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

GRADED SOLID ROCK

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

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

SIGNING

(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.

(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 OPERATIONS 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 CONSTRUCTION OFFICE.

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

(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.

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011427
STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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GENERAL NOTES (CONT.)

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

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

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

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

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

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

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

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	2C1
PS&E	2026	BR-NH-6(127)	2C1

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3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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SPECIAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	2D
PS&E	2026	BR-NH-6(127)	2D

GRADING

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

(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, 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.

WEST FORK STATION CAMP CREEK BRIDGE DEMOLITION

(1) DRILLING OR BLASTING WILL BE ALLOWED IN WEST FORK STATION CAMP CREEK FOR THE REMOVAL OF THE EXISTING BRIDGE. THE FOLLOWING CONDITIONS WILL BE REQUIRED FOR BLASTING WITHIN THE WATER:

A. THE TENNESSEE WILDLIFE RESOURCES AGENCY (TWRA) REQUIRES TDOT TO CONTACT THEM BEFORE ANY BLASTING OCCURS DUE TO SPECIES AND RECREATIONAL TRAFFIC ALONG THE RIVER.

B. TWRA WILL BE CONTACTED BY THE ETO (TDOT ENVIRONMENTAL TECH OFFICE) THREE WEEKS BEFORE THE DATE OF BLASTING IS TO OCCUR.

C. TWRA PERSONNEL MAY BE ON SITE DURING EACH BLAST TO COUNT THE NUMBER OF FISH KILLED AND HELP WITH BOAT TRAFFIC.

D. TWRA MAY REQUIRE THE CONTRACTOR TO USE SOME TYPE OF METHOD TO SCATTER THE FISH BEFORE THE BLAST.

E. TWRA MAY REQUEST THE CONTRACTOR TO REIMBURSE TWRA PERSONNEL TIME DURING THE BLASTING AND FOR ANY FISH KILLED DUE TO THE BLASTING.

F. TWRA WILL REQUIRE A PRE BLAST MEETING BEFORE EACH BLAST.

G. THE CONTRACTOR WILL BE REQUIRED TO PAY ANY FEES ASSOCIATED WITH THE BLASTING.

H. THE CONTRACTOR WILL HAVE TO SOUND (IDENTIFY DEBRIS USING SONAR) THE RIVER BOTTOM BEFORE DEMOLTION BEGINS AND AFTER TO ENSURE THAT ALL MATERIAL HAS BEEN REMOVED. THIS PORTION OF THE RIVER HAS USACE POWER AND FLOOD STORAGE REQUIREMENTS THEREFORE ALL DEBRIS MUST BE REMOVED TO COMPLY WITH THE USACE REGULATIONS.

I. THE CONTRACTOR WILL NEED TO PROVIDE TDOT WITH TENTATIVE DATES FOR EACH BLASTING PHASE.

J. TDOT PERSONNEL FROM THE ETO AND HQ ECOLOGY WILL BE ON SITE DURING EACH BLAST.

K. THE FINAL DEMOLTION PLAN WILL BE SENT TO TDEC, USFWS, USACE AND TWRA FOR THEIR FILES.

L. USE OF BLASTING BMPS TO PREVENT EXCESSIVE SEDIMENT RELEASE AND DISCHARGE OF BRIDGE MATERIALS INTO THE RIVER.

M. PROTECTIVE MEASURES E.G. FISH AND BIRD SCARE SHOTS AND SPAWNING AND TIME OF DEAY RESTRICTIONS.

N. THE FOLLOWING NEEDS TO BE ADDED TO THE BLASTING PLAN:

I. THE CONTRACTOR WILL CONTACT TDOT ENVIRONMENTAL TECH OFFICE (ETO) THREE WEEKS BEFORE EACH BLASTING OCURRENCE WITHIN OR NEAR THE RIVER (RIVER SPAN BEAMS & RIVER PIERS).

II. TDOT ETO CONTACT: MADALYN BROWN (MADALYN.BROWN@TN.GOV, PHONE: 615-956-1029)
SECONDARY CONTACT: ANTHONY MYERS (ANTHONY.MYERS@TN.GOV, PHONE: 615-934-5489)

III. THE CONTRACTOR WILL BE REQUIRED TO SOUND (IDENTIFY DEBRIS USING SONAR) THE RIVER BOTTOM BEFORE DEMOLTION BEGINS AND AFTER TO ENSURE THAT ALL MATERIAL HAS BEEN REMOVED.

O. BLASTING IS ONLY ALLOWED IN WATERS THAT HAVE A MINIMUM DEPTH OF 6FT AND MAY NOT TAKE PLACE ABOVE WATER.

P. IF BLASTING IS ALLOWED IN THE ENVIRONMENTAL PERMITS, NO BLASTING SHALL BE ALLOWED DURING THE PHASE 1 STRUCTURE REMOVAL. EXTREME CARE SHALL BE TAKEN ON ANY BLASTING DURING PHASE 2.

UTILITIES

(1) THE CONTRACTOR SHOULD BE BELOW 2.0 IPS FOR GROUND VIBRATIONS.

(2) THE CONTRACTOR WILL NEED TO MONITOR THE DATA COLLECTED FROM BLASTS AS HE APPROACHES THE EXISTING UTILITIES AND ADJUST HIS BLAST ACCORDINGLY TO KEEP GROUND VIBRATIONS BELOW THE PERMITTED 2.0 IPS.

(3) PROVIDE WHUD WITH MONITORING DATA DAILY.

LAYDOWN YARD AREAS

(1) DUE TO ENVIRONMENTAL PERMITS AND OTHER LIMITATIONS, NAT CALDWELL AND/OR STATION CAMP CREEK ACCESS ARE NOT PERMITTED. USING THESE AREAS WOULD RESULT IN DELAYS AND ARE AT THE CONTRACTOR'S DISCRETION

SEALED BY

ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 0011.4267 STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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ENVIRONMENTAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	2E
PIH	2025	BR-NH-6(127)	2E
PS&E	2026	BR-NH-6(127)	2E

SUBSECTION 1 – ENVIRONMENTAL GENERAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

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

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

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

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

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

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

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

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

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

SPECIES

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

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

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

PERMITS, PLANS & RECORDS

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

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

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

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

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

SUPPORT ACTIVITIES

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

ENVIRONMENTAL

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

SUBSECTION 2 – ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

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

ECOLOGY

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

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

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

PROJECT COMMITMENTS

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

SCOPE OF WORK

(6) BRIDGE AND APPROACHES FROM DOUGLAS BEND ROAD TO THORNE BLVD ALONG SR-6.

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DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL NOTES

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PROPOSED GUARDRAIL

SHEET NO.	LOCATION	SIDE		STATIONS		GUARDRAIL				TERMINAL ANCHORS		REMARKS
		LT	RT	FROM	TO	GUARDRAIL REMOVED 706-01 (L.F.)	THRIE BEAM BRIDGE TRAN. MASH TL-3 (20.65') 705-06.25 EACH	W BEAM GR (TYPE 2) MASH TL3 705-06.01 (L.F.)	MICHIGAN END SHOE 706-10.80 (EACH)	TYPE 13 MASH TL3 (9.375') 705-06.10 (EACH)	TYPE 38 MASH TL3 (46.875') 705-06.20 (EACH)	
4B	SR-6		X	383+56.00	389+95.00	639.00						
4B	SR-6	X		383+62.50	389+75.00			612.50	1			PARAPET CONNECTION IS 12'
4B	SR-6	X		383+62.50	389+94.00	631.50						
4B	SR-6		X	383+73.93	389+78.96		1	537.50			1	PARAPET CONNECTION IS 9'
4B	SR-6	X		391+51.00	391+60.00	9.00						
4B	SR-6		X	391+51.00	392+25.00	74.00						
4B	SR-6	X		391+70.00	392+37.53		1				1	PARAPET CONNECTION IS 12'
4B	SR-6		X	391+69.00	391+90.88			12.50	1	1		PARAPET CONNECTION IS 9'
TOTALS						1354	2	1163	2	1	2	

PAVEMENT QUANTITIES

LOCATION (ROADWAY)	TYPE - GRADE - PAY ITEM (TON)									
	MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX) PG-70-22			PRIME COAT		TACK COAT	COLD PLANING	ASPHALTIC CONCRETE SURFACE (HOT MIX) PG-64-22	ASPHALTIC CONCRETE SURFACE (HOT MIX) PG70-22
	D	A	A-S	B-M2					E	D
	303-01	307-02.01	307-01.21	307-02.08	402-01	402-02	403-01	415-01.01	411-01.07	411-02.10
SR-6	3264.3	138.9	96.0	68.3	4.7	16.9	3.4	431.0	219.8	475.1
RESURFACING FOR TRAFFIC CONTROL				71.5			2.7	415.0		419.0
18' PVT. DR. (SR-6 STA. 392+83.50)	19.0				0.1	0.4	0.1			6.0
TOTALS	3283	139	96	140	5	17	6	846	220	900

ESTIMATED GRADING QUANTITIES

DESCRIPTION	UNADJUSTED VOLUMES (CY) EXC.	UNADJUSTED VOLUMES (CY) EMB.	ADJUSTED VOLUMES (CY) EXC.
MAINLINE	3037	125	2734
SIDE ROADS			
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES	10		9
INDEPENDENT DITCHES			
TEMPORARY CONSTRUCTION EXITS	29		27
OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...)	386		348
TOPSOIL (EMB.)	72		
TOPSOIL (EXC.)	595		
TOPSOIL TOTALS (SEE TOPSOIL TABLE)			

ROCK (C.Y.)		TOTALS (C.Y.)				
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
		4129	125	4129	3462	3116

BALANCE SUMMARY

SHRINK = 10 % SWELL = 10 %

EXC.		EMB.
3116	VS	-125
AVAILABLE	=	2991
WASTE MATERIAL	=	3291

SPECIAL DITCHES

ROADWAY	STATION FROM	STATION TO	SIDE	DETAIL NO.	CONFIGURATION FORE (H/V)	CONFIGURATION BOTTOM WIDTH (FT.)	CONFIGURATION BACK (H/V)	SODDING NEW SOD 803-01 (S.Y.)
SR-6	392+50	394+00	RT	E	6:1	V	2:1	237
SR-6	394+00	395+00	RT	F	4:1	V	4:1	125
TOTALS								362

TOPSOIL

IF EXISTING TOPSOIL IS SUITABLE FOR REUSE

PROPOSED SLOPE AREA	EXISTING TOPSOIL (EXC.)	EXISTING TOPSOIL (EMB.)	EXISTING TOPSOIL (TOTAL)	REQUIRED TOPSOIL C.Y.	PLACING TOPSOIL 203-04	FURNISHED TOPSOIL 203-07	EXCESS TOPSOIL C.Y.
4653	595	72	667	86	86	0	581

RIGHT OF WAY MARKERS

SHEET NO.	Item #: 708-02.01 QUANTITIES "A"	"B"	"C"	TOTALS
4A	2	2	3	7
TOTALS	2	2	3	7

REMOVAL AND RELOCATION OF SIGNS

STATION	LOCATION	DESCRIPTION
384+88.50	RT	BIKE ROUTE
384+97.00	LT	BIKE ROUTE
387+27.00	LT	RECREATIONAL GUIDE SIGN
388+31.50	LT	T-INTERSECTION WARNING SIGN
389+92.00	LT	CHEVRON
389+92.00	RT	CHEVRON
389+93.00	RT	STATION CAMP CREEK
391+53.00	LT	STATION CAMP CREEK
391+53.00	LT	CHEVRON
391+54.50	RT	CHEVRON
393+80.50	LT	NO PARKING

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	2F
PIH	2025	BR-NH-6(127)	2F
PS&E	2026	BR-NH-6(127)	2F

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3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	3
PIH	2025	BR-NH-6(127)	3
PS&E	2026	BR-NH-6(127)	3

RIGHT-OF-WAY

(1) IT IS INTENDED THAT ALL BUILDINGS AND/OR PORTIONS OF BUILDINGS THAT ARE WITHIN THE PROPOSED RIGHT-OF-WAY AND/OR EASEMENT LINES FOR THE PROJECT BE REMOVED THERE FROM IN THE PROCESS OF RIGHT-OF-WAY ACQUISITION. IF ANY SUCH BUILDINGS OR IMPROVEMENTS ARE NOT REMOVED IN THE COURSE OF RIGHT-OF-WAY ACQUISITION, THE CIVIL ENGINEERING MANAGER 2, ROADWAY DESIGN DIVISION IS 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 ROADWAY 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) NEW DRIVEWAYS PROVIDED IN THE PLANS WILL BE PAVED BASED ON THE 7 PERCENT CRITERIA. THOSE 7 PERCENT OR STEEPER IN GRADE WILL BE PAVED AND THOSE FLATTER THAN 7 PERCENT WILL BE COVERED WITH BASE STONE.

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

UTILITY

(1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.

(2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.

(3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

(4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.

(5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.

UTILITY OWNERS

TELEPHONE:
AT&T
116 S CANNON AVE
MURFREESBORO, TN 37129
KENNETH LEE KORNEGAY
KK4096@ATT.COM
O:615-848-2082
C:615-631-7221

CABLE:
COMCAST
660 MAINSTREAM DRIVE
NASHVILLE, TN 37228
KEVIN NIPPER
NAS-NASHVILLECONSTRUCTIONBETTERMENTS@COMCAST.COM
C: 615-626-3325

ELECTRIC:
GALLATIN ELECTRIC
135 JONES ST
GALLATIN, TN 37066
MIKE TAYLOR
MTAYLOR@GALLATINELECTRIC.COM
O:615-452-5152

ELECTRIC/FIBER:
CUMBERLAND ELECTRIC MEMBERSHIP CORP.
1940 MADISON EXTENSION
CLARKSVILLE, TN. 37043
JONATHAN FIELDER
JFIELDER@CEMC.ORG
O: 931-645-2481 EXT: 1117

WATER, SEWER, & GAS:
CITY OF GALLATIN
239 HANCOCK STREET
GALLATIN, TN 37066T
DAVID KELLOGG
DKELLOGG@GALLATINUTILITIES.COM
O:615-451-5922

WATER & SEWER:
WHITE HOUSE U.D.
3303 HWY 31 W
WHITE HOUSE, TN 37188
PAT HARRELL
PHARRELL@WHUD.ORG
O:615-672-4110 EXT. 232
DANNY MILLER
DMILLER@WHUD.ORG
O: 615-672-4110 EXT. 261

FIBER:
XO COMMUNICATIONS (VERIZON)
575 HICKORY HILLS BLVD
WHITES CREEK, TN 37189
MICHAEL WEAVER,
DEREK DEE
O: 615-777-7727
C: 615-218-0656
EMAIL: MICHAEL.WEAVER@VERIZON.COM
DEREK.R.DEE@VERIZON.COM

DISCLAIMER

THIS 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 WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN (3) THREE OR NO MORE THAN (10) TEN WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. TENNESSEE ONE CALL 1-800-351-1111.

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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	2022	BR-NH-6(127)	3A
PIH	2025	BR-NH-6(127)	3A
PS&E	2026	BR-NH-6(127)	3A

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT

REV. 04-05-2022 - CORRECTED TRACT NO. 2 PERMANENT EASEMENT TOTAL AREA

R.O.W. ACQUISITION TABLE

	TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA (ACRES)			AREA TO BE ACQUIRED (ACRES)			AREA REMAINING (ACRES)		EASEMENT (ACRES)			
			TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERMANENT	SLOPE	CONSTRUCTION	AIR RIGHTS
					BOOK	PAGE												
	~~1~~	~~WILSON BANK & TRUST~~	~~136~~	~~27.03~~	~~3263~~	~~510~~		~~3.950~~	~~3.950~~					~~3.950~~				
*	2	UNITED STATES OF AMERICA	N/A	N/A	153, 153, 154, 154, 161	423, 553, 178, 396, 36									1.138			
	~~3~~	~~H & S PROPERTIES~~	~~136~~	~~27.02~~	~~4116~~	~~697~~		~~1.400~~	~~1.400~~					~~1.400~~				
	~~4~~	~~FOXLAND CROSSINGS, LLC~~	~~136~~	~~27.04~~	~~4066~~	~~267~~		~~5.110~~	~~5.110~~					~~5.110~~				
	~~5~~	~~FOXLAND DEVELOPMENT PROPERTIES, LLC~~	~~147~~	~~4.01~~	~~4861~~	~~23~~		~~0.266~~	~~0.266~~					~~0.266~~				
	~~6~~	~~UNITED STATES ARMY CORPS OF ENGINEERS~~	~~147~~	~~4~~	~~153~~	~~553~~		~~1.845~~	~~1.845~~					~~1.845~~				
**	~~7~~	~~PADDOCK HOLDINGS~~	~~136~~	~~26~~	~~5102~~	~~296~~	~~0.44~~		~~0.44~~									
	8	PADDOCK HOLDINGS	136	25	5102	296	101.909		101.909	2089 S.F.		2089 S.F.	101.861					
	9	GREEN & LITTLE LP	136	28	765	768		1.116	1.116		3763 S.F.	3763 S.F.		1.030				
	~~10~~	~~KENNESAW FARMS DEVELOPMENT, INC~~	~~136~~	~~24.04~~	~~3866~~	~~389~~	~~282.548~~		~~282.548~~				~~282.548~~					
	~~11~~	~~NHC HEALTHCARE OF GALLATIN~~	~~136~~	~~22.02~~	~~3630~~	~~149~~	~~17.688~~		~~17.688~~				~~17.688~~					
	ACQUISITION TOTALS (ACRES)									**0.134**					**1.138**			

* PROPOSED PERMANENT ROW EASEMENT TO BE GRANTED BY THE U.S. ARMY CORPS OF ENGINEERS.

** THE TOTAL TRACT AREA AND ROW ACQUISITION FOR TRACT 7 IS INCLUDED IN TRACT 8

DISTURBED AREA

IN BETWEEN SLOPE LINES	3.123	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	0.946	(AC)
TOTAL DISTURBED AREA	4.069	(AC)
TOTAL PROJECT AREA	4.707	(AC)

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3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	3B
PIH	2025	BR-NH-6(127)	3B
PS&E	2026	BR-NH-6(127)	3B

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT

S.R. 6 STA. 382+81.47 =
DOUGLAS BEND ROAD STA. 50+00.00
N 734113.4340
E 1816929.2780

WEST FORK STATION CAMP CREEK FLOW

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

385

390

395

THORNE BOULEVARD STA. 60+00.00
N 734889.4840
E 1817953.2530

THORNE BLVD. (ASP.) S 41° 25' 23" E

PRES. R.O.W.

PROPOSED PERMANENT EASEMENT

PROPOSED R.O.W.

P.U.D.E.

US 31E/S.R. 6

30' P.U.D.E.

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

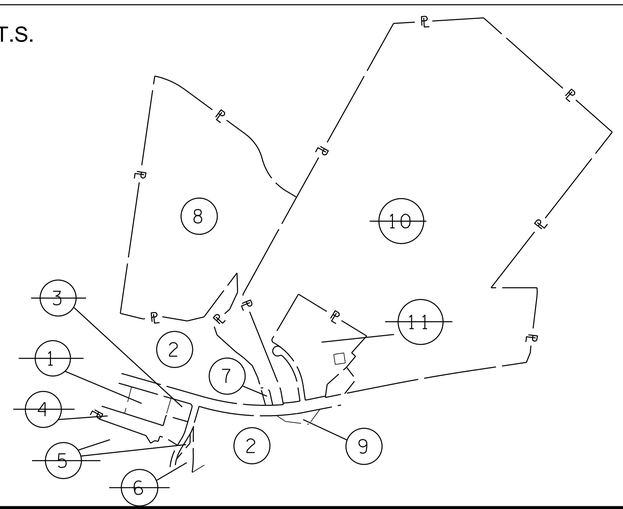
WEST FORK STATION CAMP CREEK FLOW

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

S.R. 6 STA. 396+04.28 =
THORNE BOULEVARD STA. 61+82.59
N 734752.5700
E 1818074.0574

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

N.T.S.



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ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4267
STATE OF TENNESSEE

3/31/2026

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 382+81.47 TO 396+90.45
SCALE: 1"=50'

30-MAR-2026 13:43
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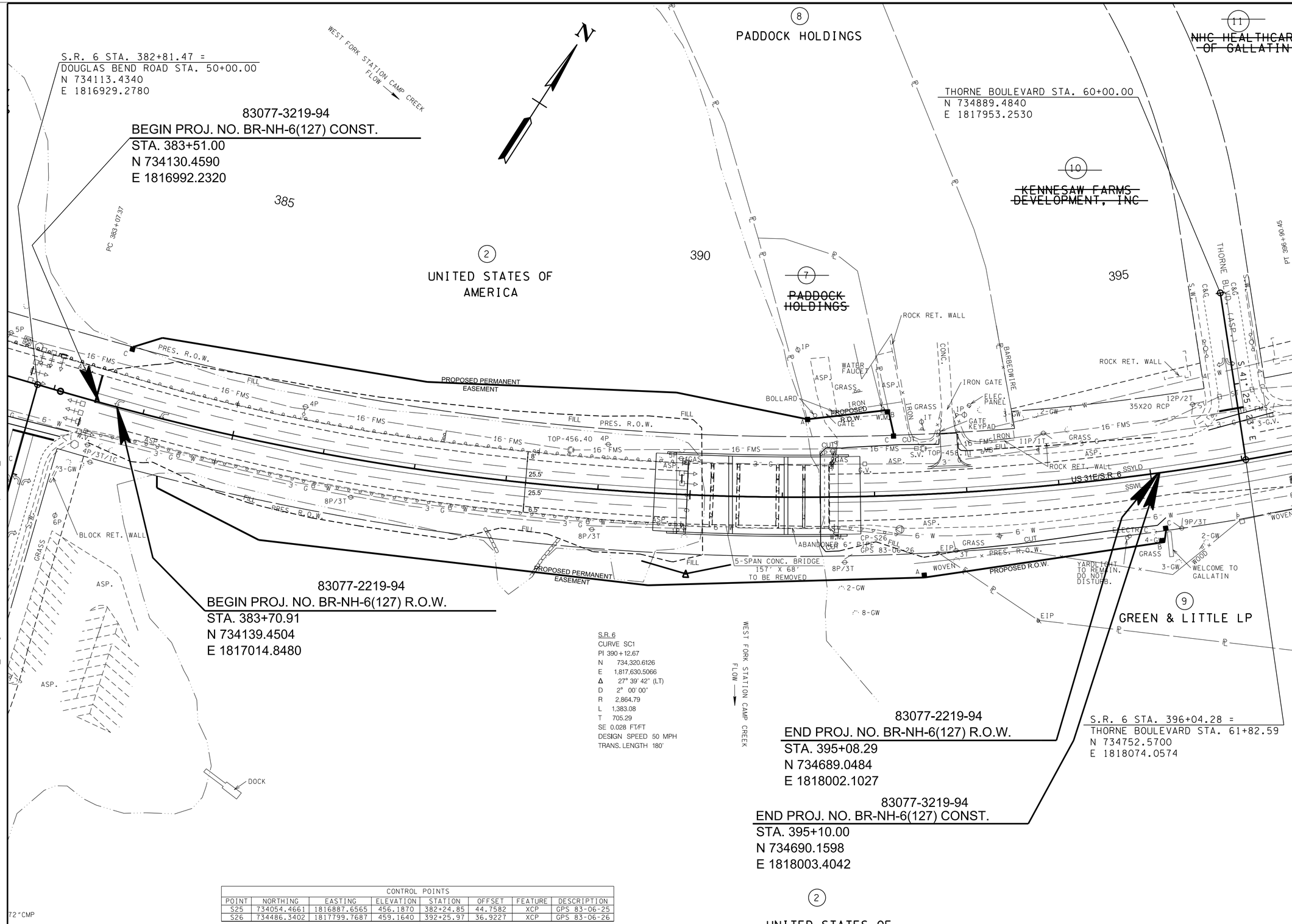
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	4
PIH	2025	BR-NH-6(127)	4
PS&E	2026	BR-NH-6(127)	4

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT



CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET	FEATURE	DESCRIPTION
S25	734054.4661	1816887.6565	456.1870	382+24.85	44.7582	XCP	GPS 83-06-25
S26	734486.3402	1817799.7687	459.1640	392+25.97	36.9227	XCP	GPS 83-06-26

SEALED BY

ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 00114267 STATE OF TENNESSEE

3/31/2026

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 382+81.47 TO 396+90.45
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	4A
PIH	2025	BR-NH-6(127)	4A
PS&E	2026	BR-NH-6(127)	4A

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT

S.R. 6 STA. 382+81.47 =
DOUGLAS BEND ROAD STA. 50+00.00
N 734113.4340
E 1816929.2780

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

385

(2) UNITED STATES OF AMERICA

390

(8) PADDOCK HOLDINGS

(7) ~~PADDOCK HOLDINGS~~
NOTE: R.O.W. ACQUISITION FOR TRACT 7 IS INCLUDED IN TRACT 8

395

(10) ~~KENNESAW FARMS DEVELOPMENT, INC~~

(11) ~~NHC HEALTHCARE OF GALLATIN~~

THORNE BOULEVARD STA. 60+00.00
N 734889.4840
E 1817953.2530

(9) GREEN & LITTLE LP

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

S.R. 6 STA. 396+04.28 =
THORNE BOULEVARD STA. 61+82.59
N 734752.5700
E 1818074.0574

(2) UNITED STATES OF AMERICA

CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET	FEATURE	DESCRIPTION
S25	734054.4661	1816887.6565	456.1870	382+24.85	44.7582	XCP	GPS 83-06-25
S26	734486.3402	1817799.7687	459.1640	392+25.97	36.9227	XCP	GPS 83-06-26

SEALED BY

ANDREW WISNIEWSKI
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COMMERCE
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STATE OF TENNESSEE

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 382+81.47 TO 396+90.45
SCALE: 1"=50'

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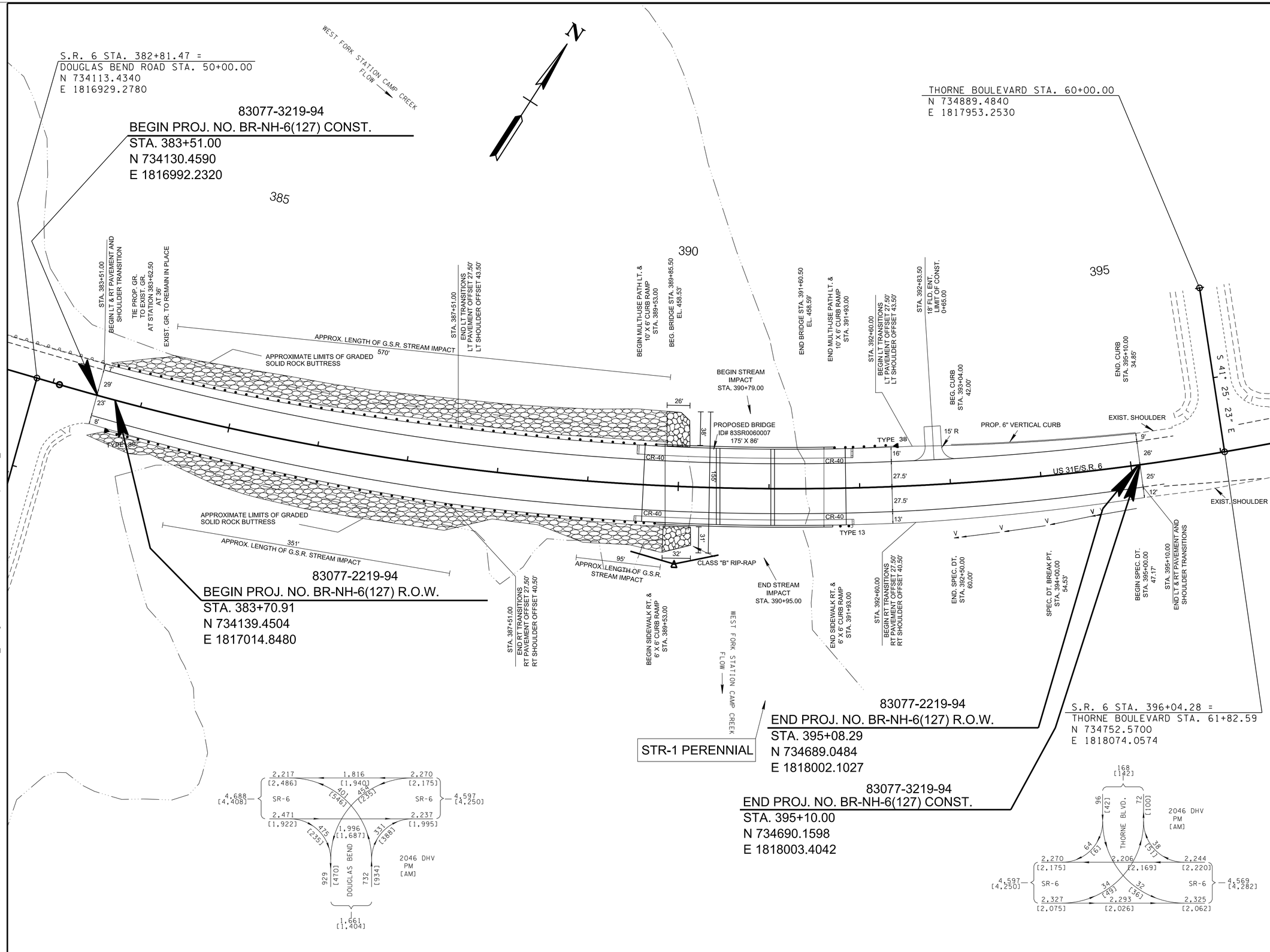
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	4B
PIH	2025	BR-NH-6(127)	4B
PS&E	2026	BR-NH-6(127)	4B



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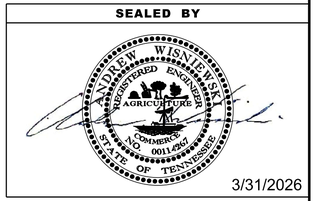

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 382+81.47 TO 396+90.45
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	4C
PIH	2025	BR-NH-6(127)	4C
PS&E	2026	BR-NH-6(127)	4C

SUPERELEVATION (MATCH EXIST.)

FULL SUPER RT 2.80%

FULL SUPER LT -2.80%

383+51 LT -1.10%

383+51 RT -1.47%

384+22.64 LT -2.80%

385+30.95 RT 2.80%

394+49.74 LT -2.80%

395+06.74 RT 2.80%

395+10.00 RT 2.83%

395+10.00 LT -4.73%

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

OH WIRE
STA. 389+91.86
LOW WIRE EL.477.12'
TEMP. 60 DEG.
1 POWER
1 GUY WIRE

OH WIRE
STA. 392+71.73
LOW WIRE EL.480.85'
TEMP. 60 DEG.
8 POWER

OH WIRE
STA. 392+83.07
LOW WIRE EL.480.79'
TEMP. 60 DEG.
1 TELEPHONE

OH WIRE
STA. 394+55.90
LOW WIRE EL.482.88'
TEMP. 60 DEG.
4 POWER

OH WIRE
STA. 395+39.56
LOW WIRE EL.479.94'
TEMP. 60 DEG.
4 POWER
2 TELEPHONE

S.R. 6 STA. 390+73.82 = WEST FORK STATION CAMP CREEK STA. 529+86.95

PROPOSED FINISHED GRADE (GRAPHIC GRADE)

EXISTING BRIDGE DECK ID# 83SR0060007

PROPOSED BRIDGE

BEG. BRIDGE STA. 389+85.50 EL. 458.53

END BRIDGE STA. 391+60.50 EL. 458.59

STA. 383+51.00 EL. 457.31'
STA. 384+00.00 EL. 457.42'
STA. 384+50.00 EL. 457.42'
STA. 385+00.00 EL. 457.52'
STA. 385+50.00 EL. 457.66'
STA. 386+00.00 EL. 457.82'
STA. 386+50.00 EL. 457.95'
STA. 387+00.00 EL. 458.05'
STA. 387+50.00 EL. 458.18'
STA. 388+00.00 EL. 458.30'
STA. 388+50.00 EL. 458.46'
STA. 389+00.00 EL. 458.45'
STA. 389+50.00 EL. 458.52'
STA. 392+00.00 EL. 458.60'
STA. 392+50.00 EL. 458.09'
STA. 393+00.00 EL. 458.60'
STA. 393+50.00 EL. 458.60'
STA. 394+00.00 EL. 458.48'
STA. 394+50.00 EL. 458.37'
STA. 395+00.00 EL. 458.20'
STA. 395+10.00 EL. 458.18'

0.20% EXISTING GROUND
0.01% 0.21% 0.27% 0.32% 0.26% 0.19% 0.27% 0.23% 0.32% -0.01% 0.12% 0.03% 0.14% -0.13% -0.10% -0.15% 0.50% -0.22% -0.34% -0.24%

6" W
3" G
16" FMS
4" W
3" G
16" FMS

FORCE MAIN MANHOLE STA 388+67.10

OHWM 451.00

CLASS "B" RIP RAP

PIER

PIER

3" GAS LINE STA 389+97.09

UNKOWN UTILITY STA 391+45.73

END SP. DT. RT. VPI 392+60.00 EL. 455.25

FORCE MAIN MANHOLE STA 392+54.90

BEG. SP. DT. RT. VPI 395+00.00 EL. 456.50

CB
STA. 395+87.20
T1.83' (LT)
TOP 458.13
INVERT 452.78

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

GPS 83-06-26
STA. 392+25.97, 36.92'(RT)
N 734486.3402
E 1817799.7687
ELEV. 459.16
ALUM. DISK

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

PROPOSED BRIDGE (ID. # 83SR0060007)
STATION: 389+85.50 - 391+60.50
STRUCTURE: 3 SPAN CONCRETE
SKEW 90 DEG.
DRAINAGE AREA 43.27SQ. MI.
DESIGN DISCHARGE (Q100) 14,100 CFS
DESIGN DISCHARGE (Q500) 18,800 CFS

EXISTING BRIDGE (TO BE REMOVED) ID# 83SR0060007
STATION: 390+73.82
STRUCTURE: 5 SPAN CONCRETE
SKEW 90 DEG.
DRAINAGE AREA 270,065 AC.
DESIGN DISCHARGE (Q50) 13,100 CFS
DESIGN DISCHARGE (Q100) 14,700 CFS

500 495 490 485 480 475 470 465 460 455 450 445 440 435 430 425 420 415 410 405

383+00 384+00 385+00 386+00 387+00 388+00 389+00 390+00 391+00 392+00 393+00 394+00 395+00 396+00

SEALED BY

ANDREW WISNIEWSKI
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AGRICULTURE
NUMBER 0011.4201
STATE OF TENNESSEE

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA.383+00 TO STA.396+00

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

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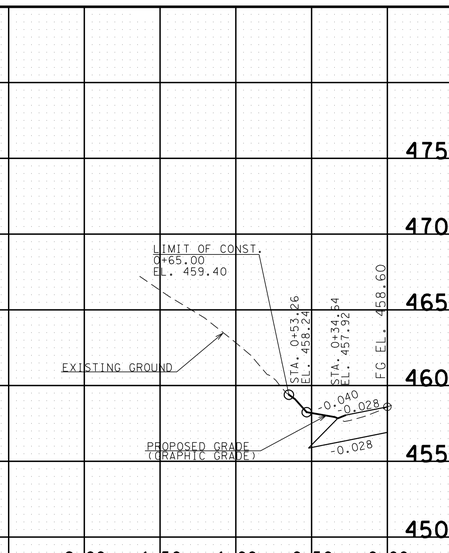

18' FLD. ENT. LT. 392+83.50
TRACT NO.8
NO S.D. REQUIRED

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	5
PIH	2025	BR-NH-6(127)	5
PS&E	2026	BR-NH-6(127)	5

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMISSION NO. 0011-4261
STATE OF TENNESSEE

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE PROFILE

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

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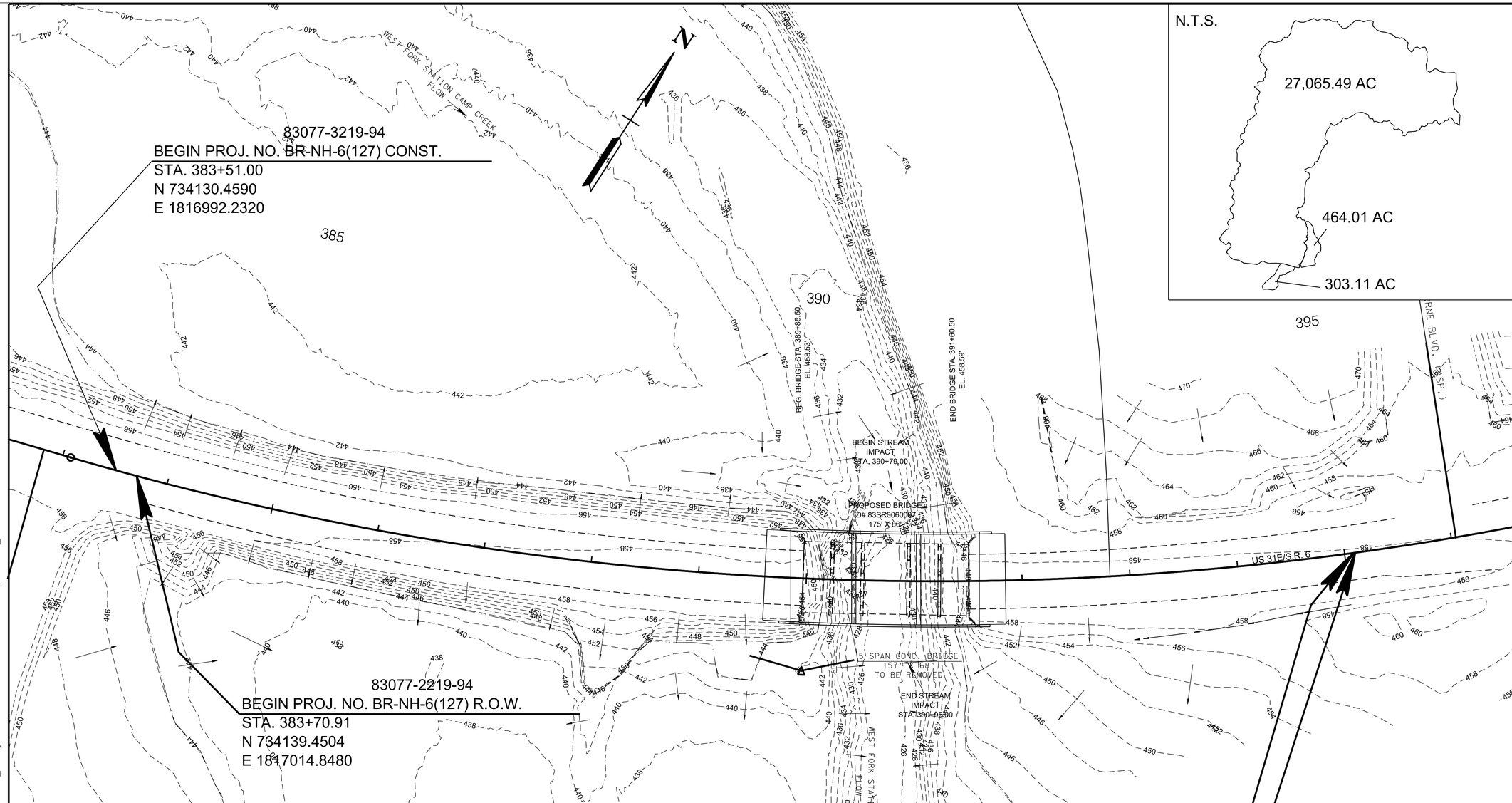
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	6
PIH	2025	BR-NH-6(127)	6
PS&E	2026	BR-NH-6(127)	6



DRAINAGE / HYDRAULIC DATA FOR BRIDGE
STATION 390+73.82 , STREAM NAME: WEST FORK STATION CAMP CREEK

STREAM BED LINING: BEDROCK

DIRECTION OF FLOW: RIGHT

DRAINAGE AREA 270,065 AC ; ( ) FLAT; (X) ROLLING; ( ) HILLY; ( ) MTNS.

PRESENT STRUCTURE: SPAN 5 , HEIGHT 12.5' , STRUCTURE BRIDGE SUPERSTRUCTURE

BEGIN STATION - OFFSET 389+96.74 @ 0.00' , END STATION - OFFSET 391+51.10 @ 0.00'

LOW BEAM ELEV. 454.70' , LOCATION: 390+21.63 @ 28.09 (LT)

INLET INVERT ELEV. , OUTLET INVERT ELEV.

NORMAL WATER ELEV. 444.49 , EXTREME HIGHWATER ELEV. 454.90 , DATE: UNKOWN

HOW OBTAINED: VISUAL EVIDENCE AROUND BRIDGE

BACKWATER FROM WHAT STREAM (IF APPLICABLE):

EXISTING STRUCTURE CONDITION:

SEE STREAM CROSS-SECTIONS FOR VEGETATIVE COVER

SEE PRESENT LAYOUT (LEVEL 40) FOR STREAM ALIGNMENT AND CROSS-SECTION LOCATIONS.

SEE CENTERLINE PROFILE OR FIELD BOOK FOR EXISTING BRIDGE OPENING SKETCHES.

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3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 382+81.47 TO 396+90.45
SCALE: 1"=50'

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ENVIRONMENTAL NOTES

SUBSECTION 3 – EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

INSPECTION, MAINTENANCE & REPAIR

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

GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

(29) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS SHALL BE REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFFSITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EPSC SHALL BE REMOVED FROM THE SITE.

(30) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION. APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED.

(31) CONTRACTORS SHALL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED, NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ONSITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.

(32) WHEEL WASH WATER SHALL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER SHALL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM.

(33) IF PORTABLE SANITARY FACILITIES ARE PROVIDED ON CONSTRUCTION SITES, SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY REGULATIONS. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.

(34) ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ONSITE BY THE CONTRACTOR. THE CONTRACTOR SHALL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR'S RESPONSIBLE PARTY SHALL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL.

(35) WHEN POSSIBLE, ALL PRODUCTS SHALL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFFSITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS SHALL BE FOLLOWED.

(36) ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.

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

(38) OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.

(39) DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.

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

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.

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	7
PIH	2025	BR-NH-6(127)	7
PS&E	2026	BR-NH-6(127)	7

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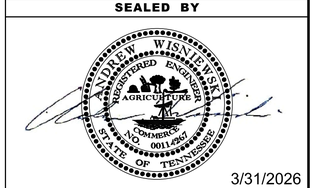

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	8
PIH	2025	BR-NH-6(127)	8
PS&E	2026	BR-NH-6(127)	8

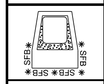
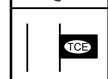
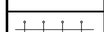
TABULATED EPSC QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	STAGE I QUANTITY	STAGE II QUANTITY	STAGE III QUANTITY	TOTAL QUANTITY 83077-3219-94
(3)(9)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	29	29	29	29
(5)(6)	209-05	SEDIMENT REMOVAL	C.Y.	139	139	139	139
(5)(6)(10)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	2101	2455	2455	2455
(5)(6)	209-08.08	ENHANCED ROCK CHECK DAM	EACH		1	1	2
(5)(6)(7)	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH		6	6	12
(5)(6)	209-13.04	TURBIDITY CURTAIN (EPSC STAGE 2)	L.F.		920		920
(5)(6)	209-13.05	TURBIDITY CURTAIN (EPSC STAGE 3)	L.F.			950	950
(5)(6)(8)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON		47	35	47
(5)(6)	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	1570	1570	1570	1570
(5)(6)(11)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	115	115	115	115
(5)(6)(13)	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON		124		124
(2)(5)(6)(21)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	343	878	657	878
(5)(29)	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	17	17	17	17
(5)(6)(12)	801-03	WATER (SEEDING & SODDING)	M.G.	2	2	2	2
	803-01	SODDING (NEW SOD)	S.Y.			517	517

EPSC FOOTNOTES

(2) 222 S.Y.TO BE USED FOR CULVERT PROTECTION (TYPE 1)
343 S.Y. TO BE USED FOR TEMPORARY CONSTRUCTION EXITS
313 S.Y. TO BE USED FOR SEDIMENT FILTER BAG
(3) SEE SHEET 2F FOR DETAILS
(5) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
(6) ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
(7) INCLUDES TWO EXTRA FILTER BAGS FOR REPLACEMENT
(8) 35 TONS TO BE USED FOR SEDIMENT FILTER BAG.
12 TONS TO BE USED FOR CULVERT PROTECTION (TYPE 1).
(9) 29 C.Y. TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
(10) 354 L.F. TO BE USED FOR SEDIMENT FILTER BAG.
(11) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
(12) INCLUDES 2 M.G. FOR EROSION PREVENTION AND SEDIMENT CONTROL.
(13) 124 TON TO BE USED FOR CULVERT PROTECTION (TYPE 1).
(21) USE OF MONOFILAMENT GEOTEXTILES IS PROHIBITED WITHIN 30FT OF A STREAM OR ANY OTHER RIPARIAN BUFFER AREA.
(29) TO BE USED AT THE DISCRETION OF THE TDOT SUPERVISOR.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
	SEDIMENT FILTER BAG	EC-STR-2
	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
	FLOATING TURBIDITY CURTAIN	EC-STR-38
× HVF × HVF ×	HIGH VISIBILITY FENCE	S-F-1

OUTFALLS

Outfall No.	Drainage Area	Average Slope
1	.564 AC	3.000 %
2	.050 AC	9.000 %

SEALED BY

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) LEGEND & TABULATION

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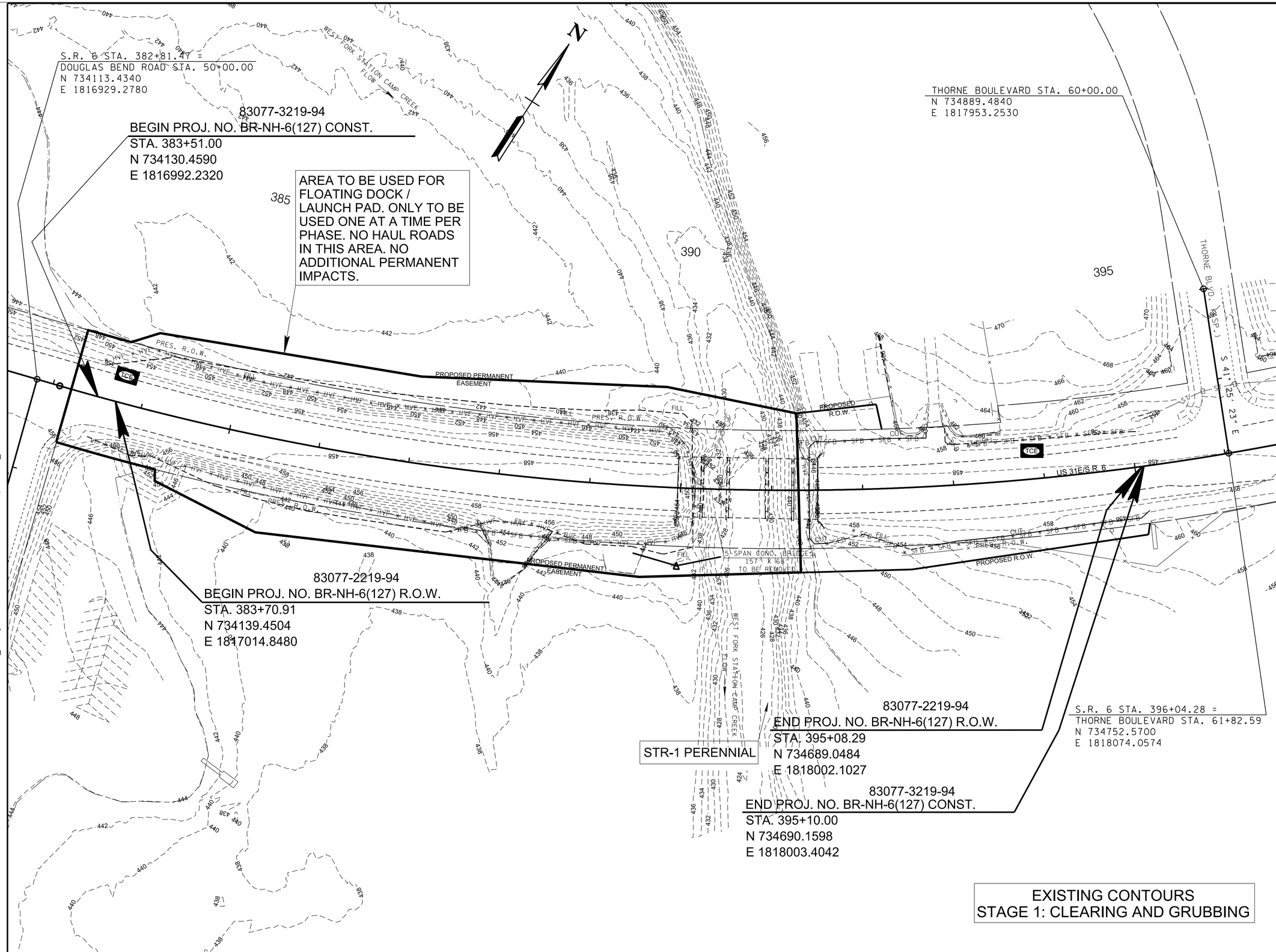
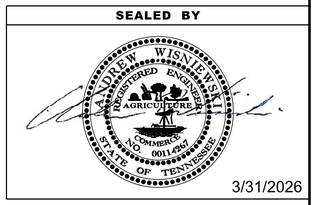
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	9
PIH	2025	BR-NH-6(127)	9
PS&E	2026	BR-NH-6(127)	9

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT



EXISTING CONTOURS
STAGE 1: CLEARING AND GRUBBING

SEALED BY



3/31/2026

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA. 382+81.47 TO 396+90.45
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	10
PIH	2025	BR-NH-6(127)	10
PS&E	2026	BR-NH-6(127)	10

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT

S.R. 6 STA. 382+81.47 =
DOUGLAS BEND ROAD STA. 50+00.00
N 734113.4340
E 1816929.2780

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

AREA TO BE USED FOR FLOATING DOCK / LAUNCH PAD. ONLY TO BE USED ONE AT A TIME PER PHASE. NO HAUL ROADS IN THIS AREA. NO ADDITIONAL PERMANENT IMPACTS.

THORNE BOULEVARD STA. 60+00.00
N 734889.4840
E 1817953.2530

WEST FORK STATION CAMP CREEK FLOW

PRES. R.O.W.

PROPOSED PERMANENT EASEMENT

BEGIN STREAM IMPACT STA. 390+79.00

BEG. BRIDGE STA. 389+85.50 EL. 458.53'

END BRIDGE STA. 391+60.50 EL. 458.59'

PROPOSED R.O.W.

PROPOSED BRIDGE ID# 83SR06000X 175' X 86'

5) SPAN CONC. BRIDGE 157' X 68' TO BE REMOVED

END STREAM IMPACT STA. 396+95.30

THORNE BLVD. (4SP.)

S 41° 25' 23" E

US 31E/S.R. 6

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

STR-1 PERENNIAL

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

S.R. 6 STA. 396+04.28 =
THORNE BOULEVARD STA. 61+82.59
N 734752.5700
E 1818074.0574

OUTFALLS		
Outfall No.	Drainage Area	Average Slope
1	.564 AC	3.000 %

PROPOSED CONTOURS
STAGE IIA

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
0011497
STATE OF TENNESSEE

3/31/2026

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 382+81.47 TO 396+90.45

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	11
PIH	2025	BR-NH-6(127)	11
PS&E	2026	BR-NH-6(127)	11

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT

S.R. 6 STA. 382+81.47 =
DOUGLAS BEND ROAD STA. 50+00.00
N 734113.4340
E 1816929.2780

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

AREA TO BE USED FOR FLOATING DOCK / LAUNCH PAD. ONLY TO BE USED ONE AT A TIME PER PHASE. NO HAUL ROADS IN THIS AREA. NO ADDITIONAL PERMANENT IMPACTS.

THORNE BOULEVARD STA. 60+00.00
N 734889.4840
E 1817953.2530

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

S.R. 6 STA. 396+04.28 =
THORNE BOULEVARD STA. 61+82.59
N 734752.5700
E 1818074.0574

STR-1 PERENNIAL

BEG. BRIDGE STA. 389+85.50
EL. 458.53'

END BRIDGE STA. 391+60.50
EL. 458.59'

BEGIN STREAM IMPACT STA. 390+79.00

END STREAM IMPACT STA. 390+95.00

PROPOSED BRIDGE ID# 83SR9060007 175' X 86'

WEST FORK STATION CAMP CREEK FLOW

PRES. R.O.W.

PROPOSED PERMANENT EASEMENT

PROPOSED R.O.W.

US 31E/S.R. 6

S 41° 25' 23" E

OUTFALLS		
Outfall No.	Drainage Area	Average Slope
2	.050 AC	9.000 %

PROPOSED CONTOURS
STAGE IIB

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011-2427
STATE OF TENNESSEE

3/31/2026

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS
STA. 382+81.47 TO 396+90.45
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	12
PIH	2025	BR-NH-6(127)	12
PS&E	2026	BR-NH-6(127)	12

REV. 09-30-2025 - ADDED SHEET TO ROW PLAN SET. RENUMBERED SUBSEQUENT ROW SHEETS.

S.R. 6 STA. 382+81.47 =
DOUGLAS BEND ROAD STA. 50+00.00
N 734113.4340
E 1816929.2780

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

AREA TO BE USED FOR FLOATING DOCK / LAUNCH PAD. ONLY TO BE USED ONE AT A TIME PER PHASE. NO HAUL ROADS IN THIS AREA. NO ADDITIONAL PERMANENT IMPACTS.

THORNE BOULEVARD STA. 60+00.00
N 734889.4840
E 1817953.2530

WEST FORK STATION CAMP CREEK FLOW

BEG. BRIDGE STA. 389+85.50
EL. 458.53'

END BRIDGE STA. 391+60.50
EL. 458.59'

BEGIN STREAM IMPACT
STA. 390+79.00

PROPOSED BRIDGE
ID# 83SR6060007
175' X 86'

PROPOSED PERMANENT EASEMENT

PRES. R.O.W.

PROPOSED R.O.W.

CR-40

US 31E/S.R. 6

S 41° 25' 23" E

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

END STREAM IMPACT
STA. 390+95.30

STR-1 PERENNIAL

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

S.R. 6 STA. 396+04.28 =
THORNE BOULEVARD STA. 61+82.59
N 734752.5700
E 1818074.0574

	SOIL STABILIZATION - SODDING	PROPOSED CONTOURS STAGE III

SEALED BY

ANDREW WISNIEWSKI — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — NO. 0011.2427 — STATE OF TENNESSEE

3/31/2026

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 382+81.47 TO 396+90.45

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	13
PS&E	2026	BR-NH-6(127)	13

S.R. 6 STA. 382+81.47 =
DOUGLAS BEND ROAD STA. 50+00.00
N 734113.4340
E 1816929.2780

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

385

390

395

THORNE BOULEVARD STA. 60+00.00
N 734889.4840
E 1817953.2530

STA. 383+51.00
BEGIN LT & RT PAVEMENT AND SHOULDER TRANSITION

TIE PROP. GR. TO EXIST. GR. AT STATION 385+62.50 AT 36'

EXIST. GR. TO REMAIN IN PLACE

STA. 387+51.00
END LT TRANSITIONS
LT PAVEMENT OFFSET 27.50'
LT SHOULDER OFFSET 43.50'

STA. 392+60.00
BEGIN LT TRANSITIONS
LT PAVEMENT OFFSET 27.50'
LT SHOULDER OFFSET 43.50'

STA. 392+83.50
18' PVT. DR.
LIMIT OF CONST.
0+65.00

BEG. CURB
STA. 393+04.00
42.00'

END. CURB
STA. 395+10.00
34.85'

PROP. 6" VERTICAL CURB

EXIST. SHOULDER

S 41° 25' 23" E

DSYL
SBYL
SSYL
CR-40
SSWL
SBWL
US-31E/S.R. 6
EXIST. SHOULDER

29'
23'
8'
16'
27.5'
9'
26'
25'
12'
13'

1 2 3 4 5 6 7 8 9 10 11

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

STA. 387+51.00
END RT TRANSITIONS
RT PAVEMENT OFFSET 27.50'
RT SHOULDER OFFSET 40.50'

STA. 392+60.00
BEGIN RT TRANSITIONS
RT PAVEMENT OFFSET 27.50'
RT SHOULDER OFFSET 40.50'

STA. 395+10.00
END LT & RT PAVEMENT AND SHOULDER TRANSITIONS

LEGEND

DSYL	DOUBLE SOLID YELLOW LINE (6")
SSWL	SINGLE SOLID WHITE LINE (6")
SSYL	SINGLE SOLID YELLOW LINE (6")
SBWL	SINGLE BROKEN WHITE LINE (6")
SBYL	SINGLE BROKEN YELLOW LINE (6")

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

S.R. 6 STA. 396+04.28 =
THORNE BOULEVARD STA. 61+82.59
N 734752.5700
E 1818074.0574

10 11 SmartWay TRAVEL INFO CALL 511

PLACE SIGNS 300' BEFORE THE ADVANCED WARNING SIGN. CAN BE REDUCED TO 200' IF SPACING IS NEEDED.

NOTES:
SIGNS TO BE REMOVED ONCE CONSTRUCTION IS COMPLETE.

SEALED BY

ANDREW WISNIEWSKI — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — NO. 0011.4267 — STATE OF TENNESSEE

3/31/2026

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA.382+81.47 TO 396+90.45

SCALE: 1"=50'

30-MAR-2026 13:52
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ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	14
PS&E	2026	BR-NH-6(127)	14

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 2	D11-1	13	24"	18"									WHITE	GREEN	0.080 SHEET ALUMINUM	U1	13'-0"					TO BE REMOVED AND REPLACED. STA. 384+88.50 RT. & STA. 384+97.00 LT.
3 8	OM-3L	13	12"	36"									BLACK	YELLOW (FLOR.)	0.080 SHEET ALUMINUM	U2	12'-9"					TO BE REMOVED AND REPLACED. STA. 389+92.00 LT. & STA. 391+54.50 RT.
4 7	OM-3R	13	12"	36"									BLACK	YELLOW (FLOR.)	0.080 SHEET ALUMINUM	U2	12'-9"					TO BE REMOVED AND REPLACED. STA. 389+92.00 RT. & STA. 391+53.00 LT.
5 6	I2-2	13	60"	18"									WHITE	GREEN	0.100 SHEET ALUMINUM	U4	11'-9"					TO BE REMOVED AND REPLACED. STA. 389+93.00 RT. & STA. 391+53.00 LT.
9	R8-3a	13	24"	30"									RED	WHITE	0.080 SHEET ALUMINUM	U2	12'-6"					TO BE REMOVED AND REPLACED. STA. 393+80.50 LT.
10 11	D12-5	13	48"	60"									WHITE	BLUE	EXTRUDED ALUMINUM PANEL	P6	h_1 = 14'-0" h_2 = 14'-6"	SLIP BASE			5'-0"	SEE NOTE ON SHT. 13 FOR PLACEMENT

SEALED BY

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

30-MAR-2026 13:52
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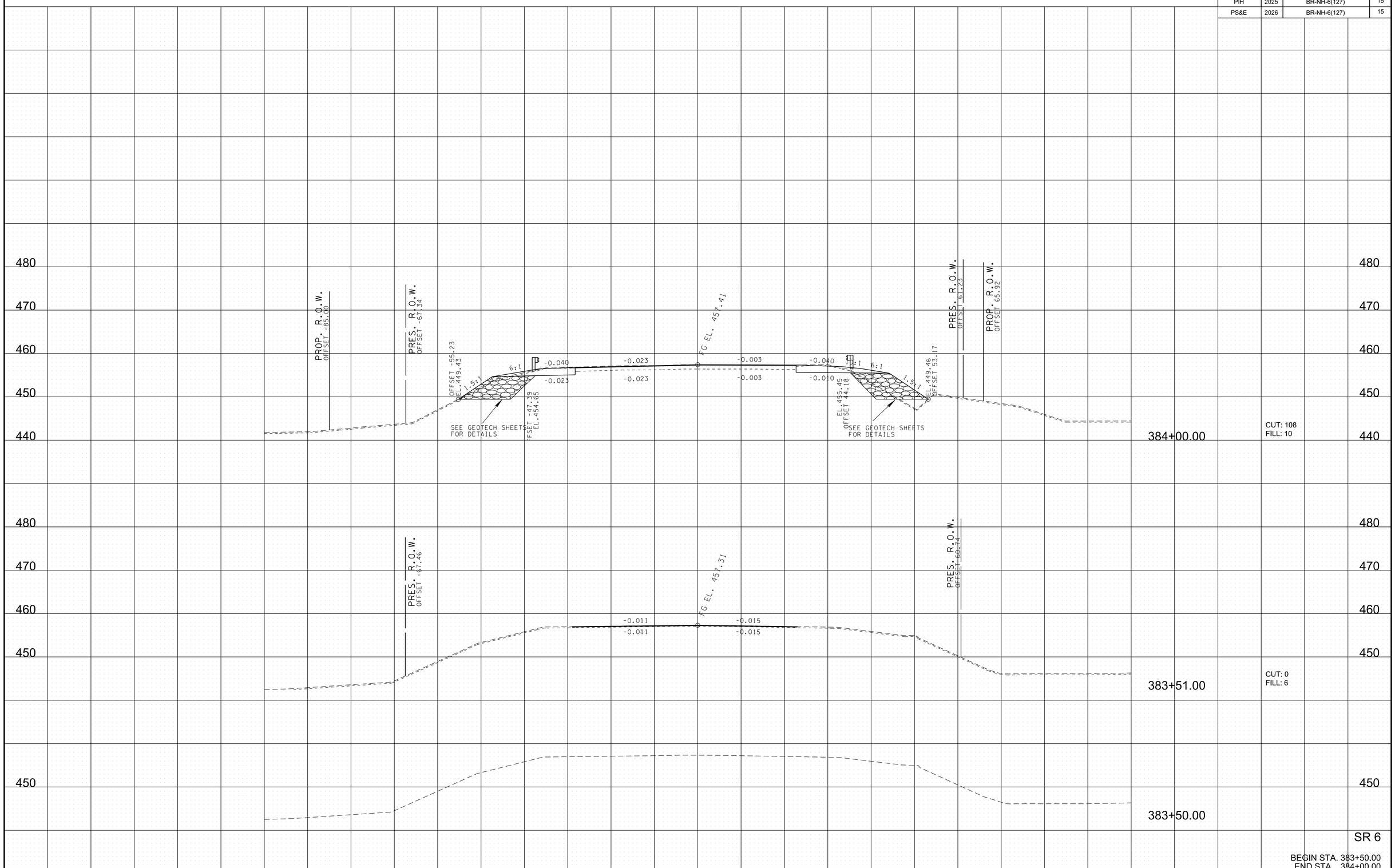
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	15
PIH	2025	BR-NH-6(127)	15
PS&E	2026	BR-NH-6(127)	15



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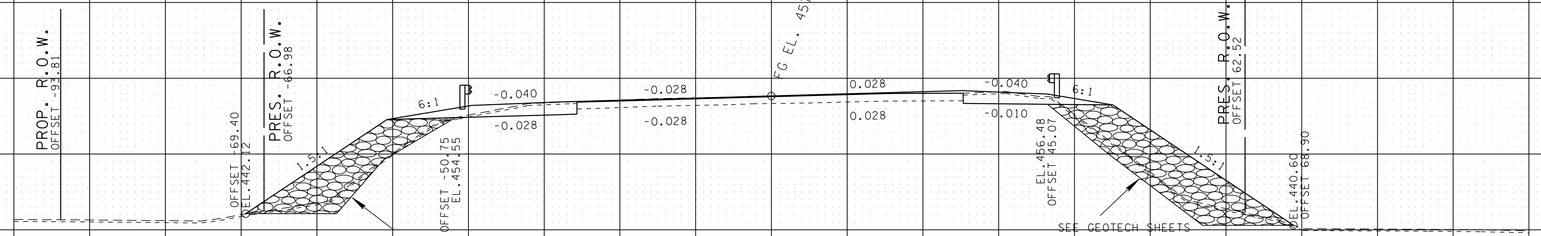
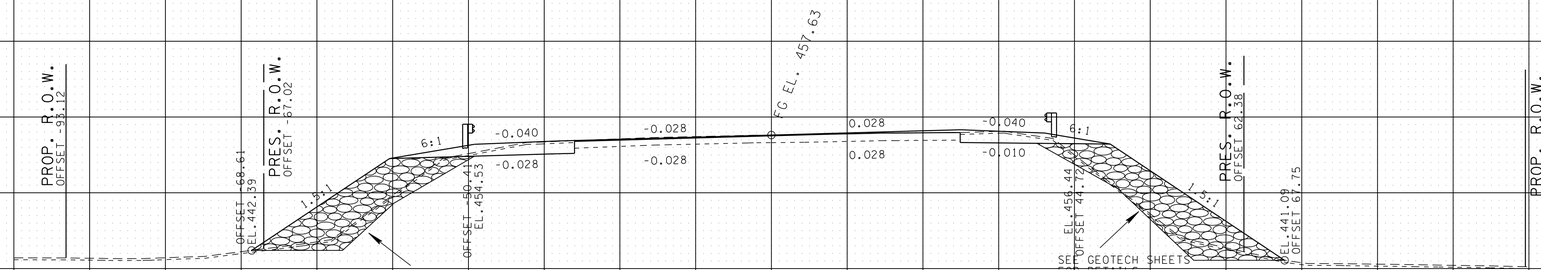
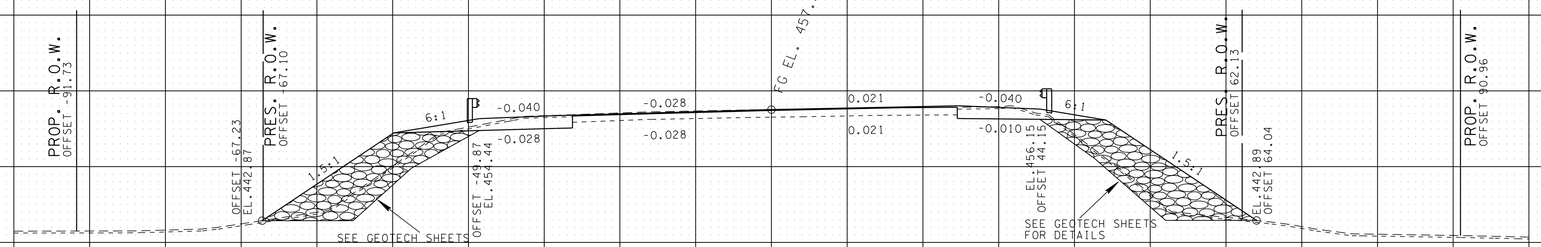
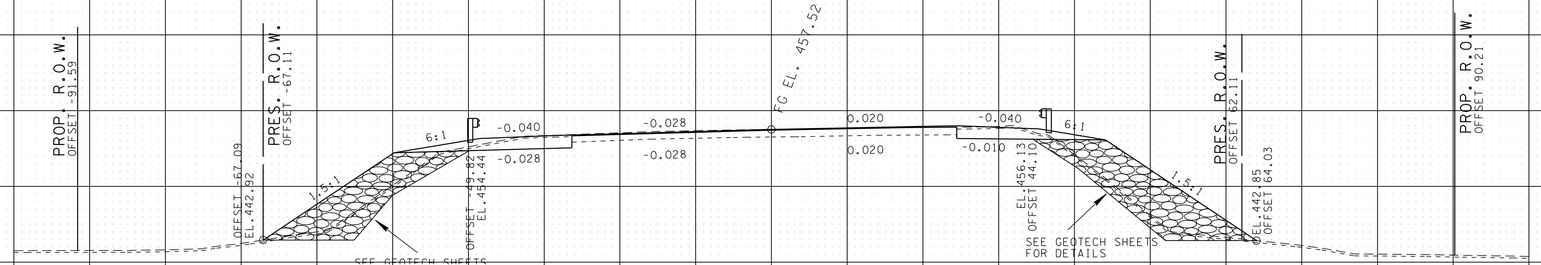
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	17
PIH	2025	BR-NH-6(127)	17
PS&E	2026	BR-NH-6(127)	17









SR 6

BEGIN STA. 384+97.24
END STA. 385+50.00

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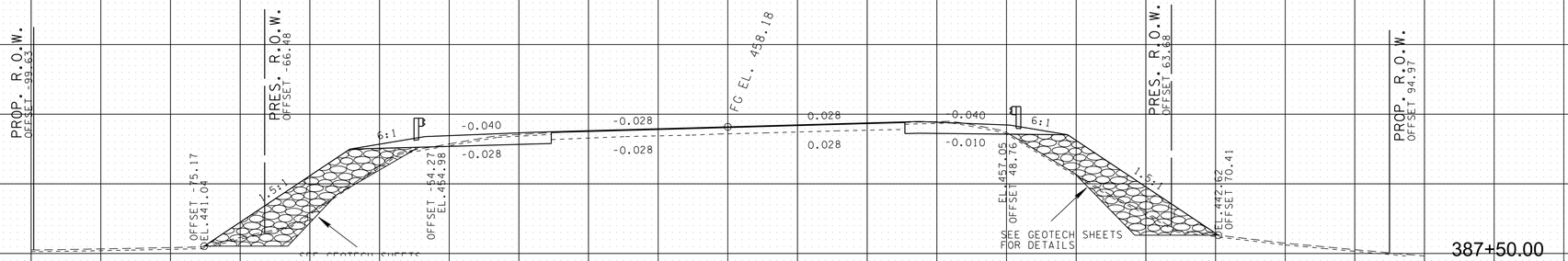
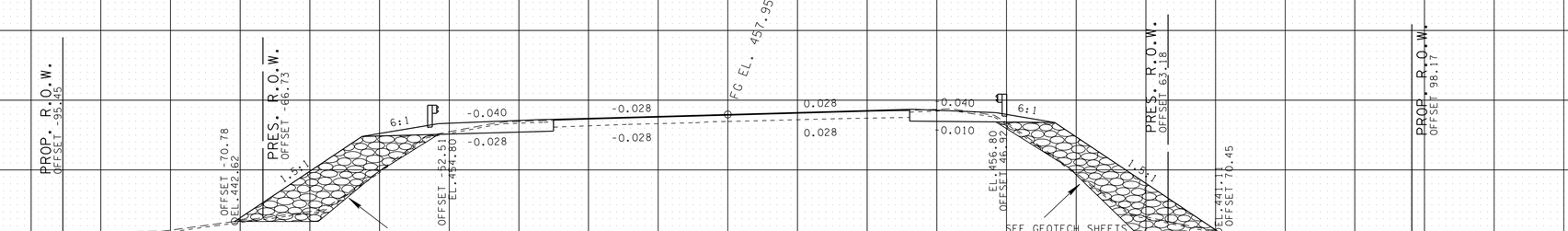
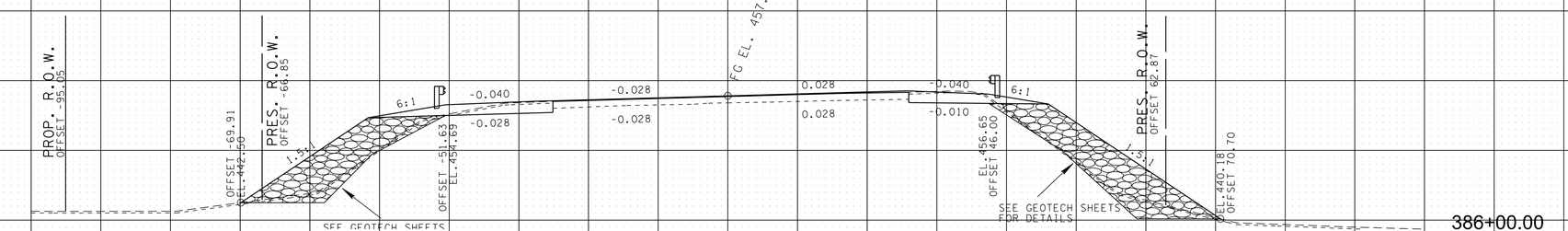
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	18
PIH	2025	BR-NH-6(127)	18
PS&E	2026	BR-NH-6(127)	18







SR 6

BEGIN STA. 386+00.00
END STA. 387+50.00

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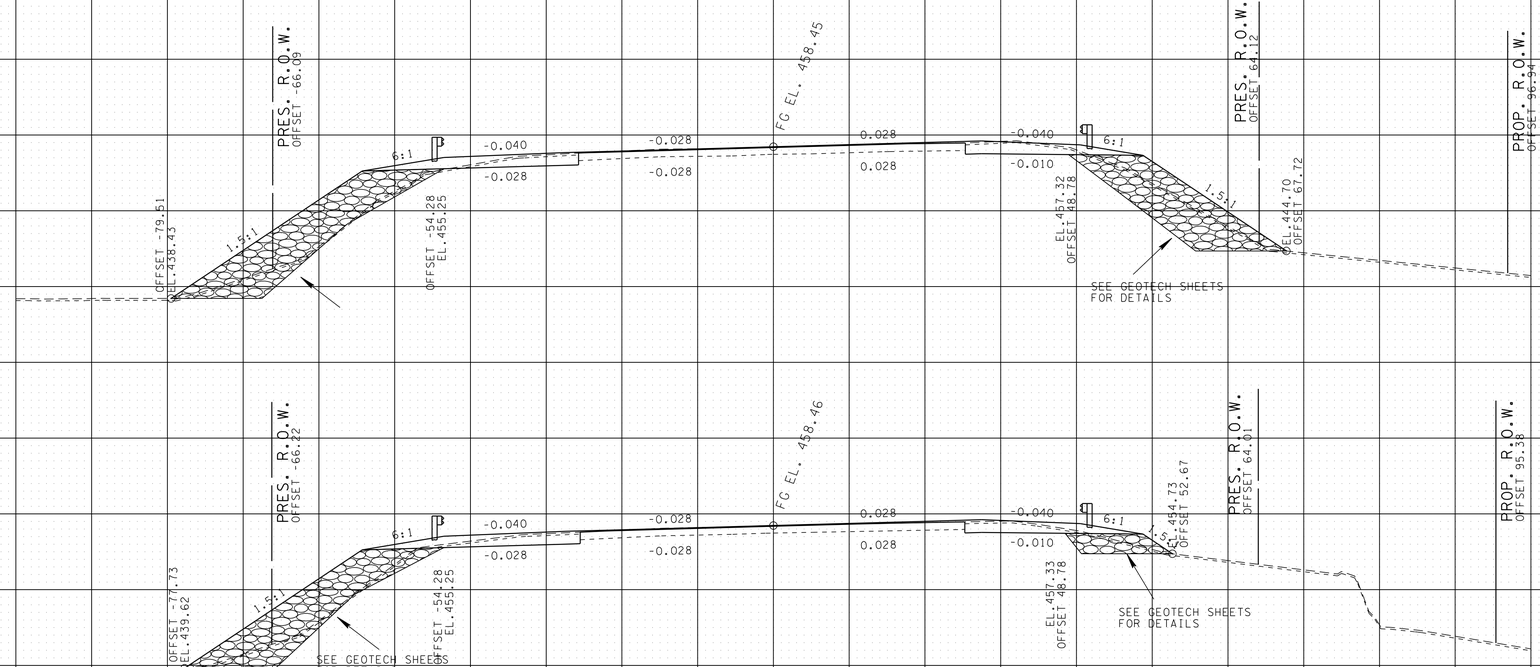
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	19
PIH	2025	BR-NH-6(127)	19
PS&E	2026	BR-NH-6(127)	19



SR 6

BEGIN STA. 388+00.00
END STA. 389+00.00

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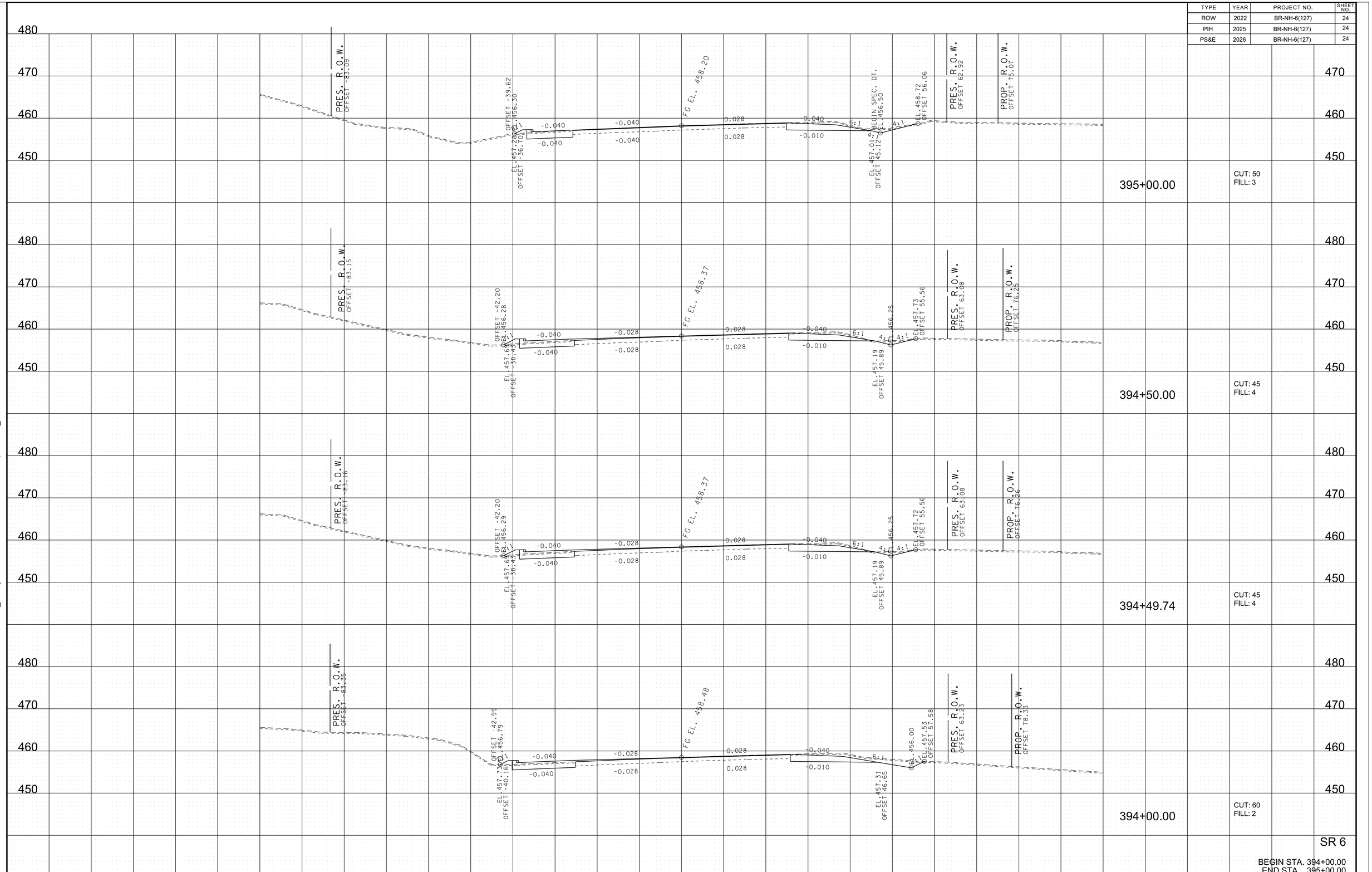
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	24
PIH	2025	BR-NH-6(127)	24
PS&E	2026	BR-NH-6(127)	24



SR 6

BEGIN STA. 394+00.00
END STA. 395+00.00

30-MAR-2026 13:56
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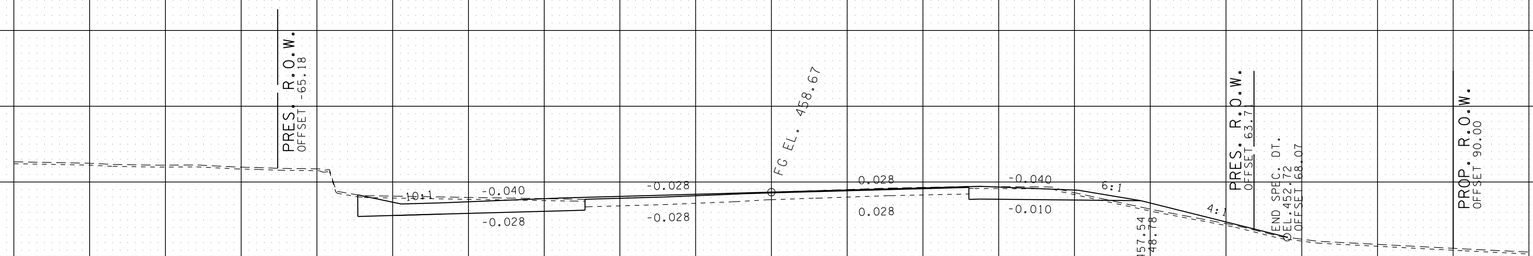
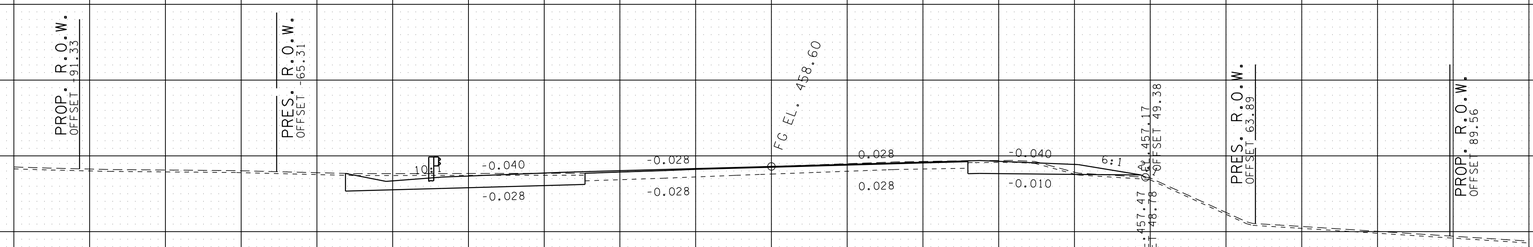
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	22
PIH	2025	BR-NH-6(127)	22
PS&E	2026	BR-NH-6(127)	22



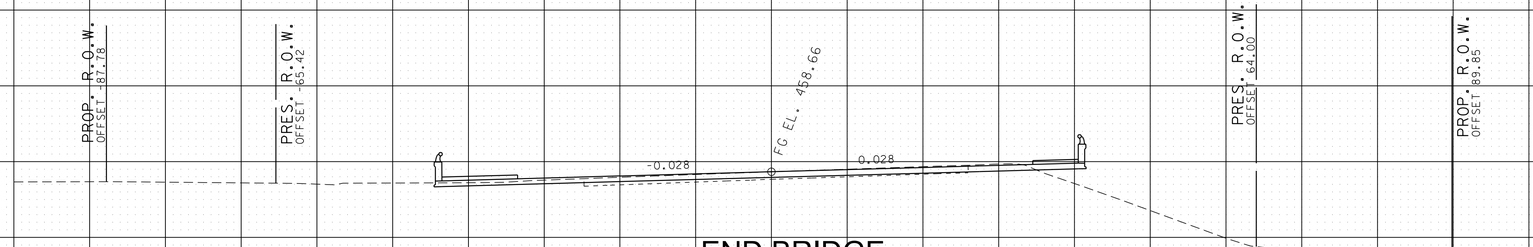
392+50.00

CUT: 80
FILL: 15



392+00.00

CUT: 74
FILL: 3



END BRIDGE

391+60.50

SR 6

BEGIN STA. 391+60.50
END STA. 392+00.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

30-MAR-2026 13:56
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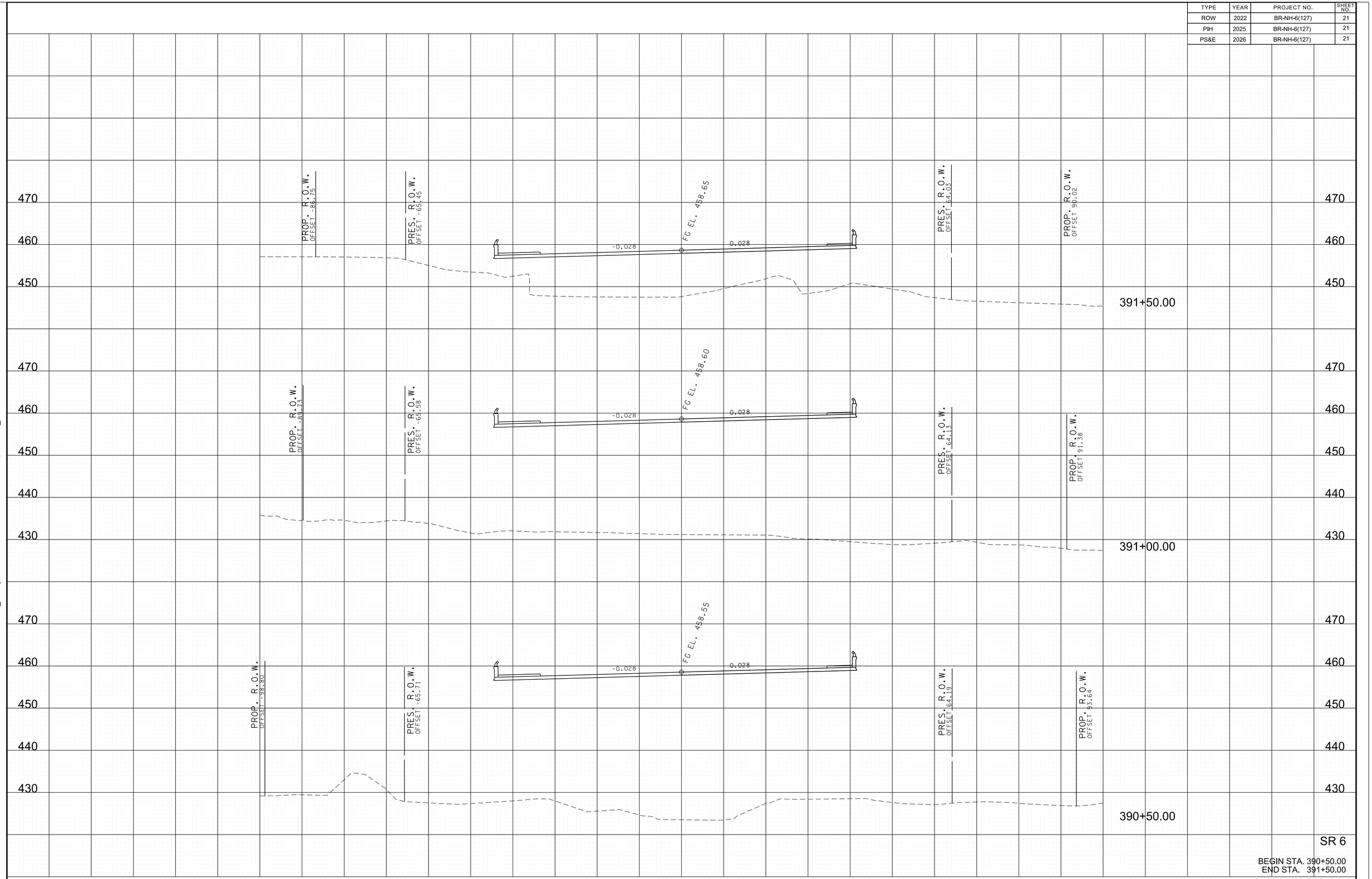
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	21
PIH	2025	BR-NH-6(127)	21
PS&E	2026	BR-NH-6(127)	21



SR 6

BEGIN STA. 390+50.00
END STA. 391+50.00

30-MAR-2026 13:57
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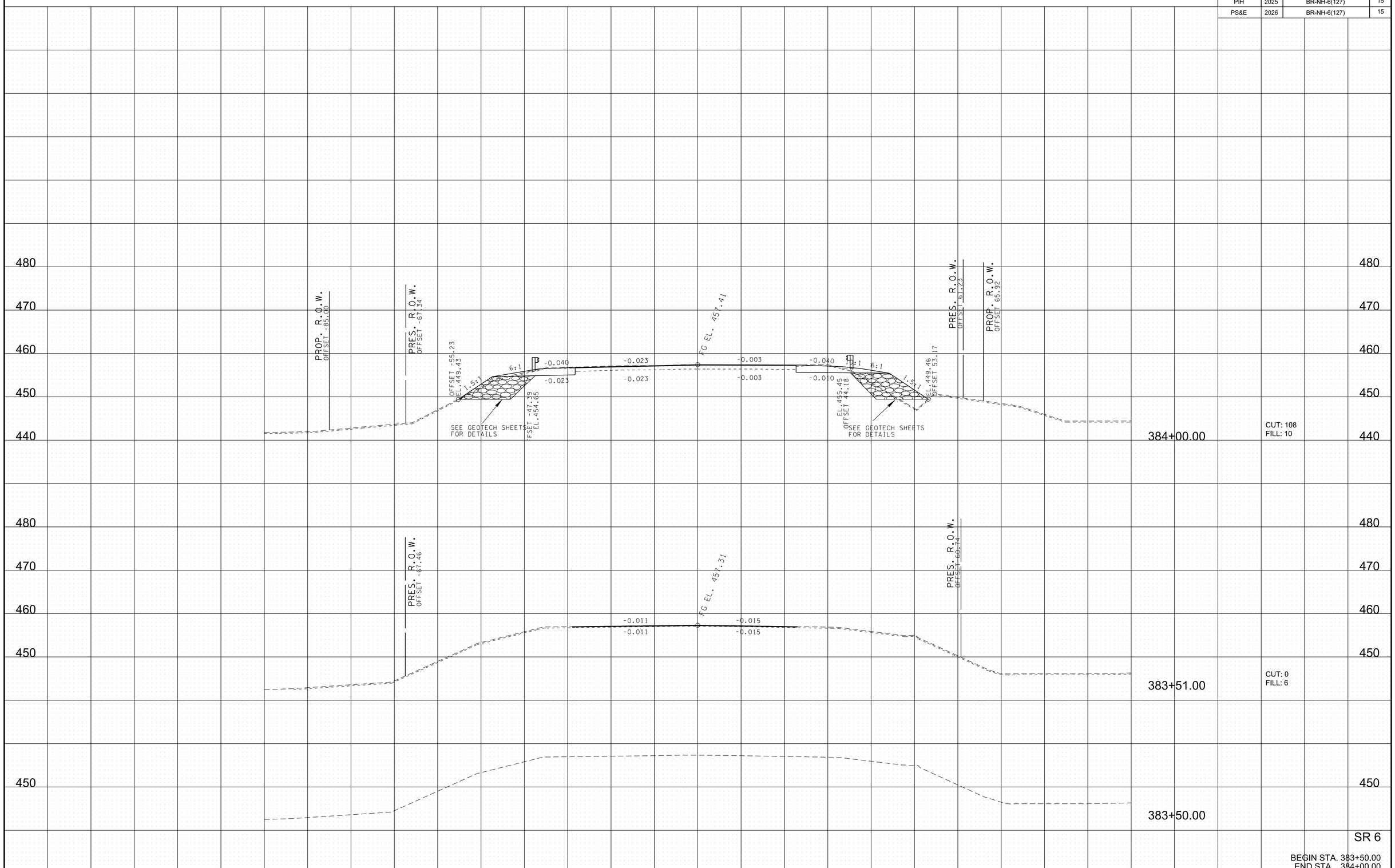
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	15
PIH	2025	BR-NH-6(127)	15
PS&E	2026	BR-NH-6(127)	15



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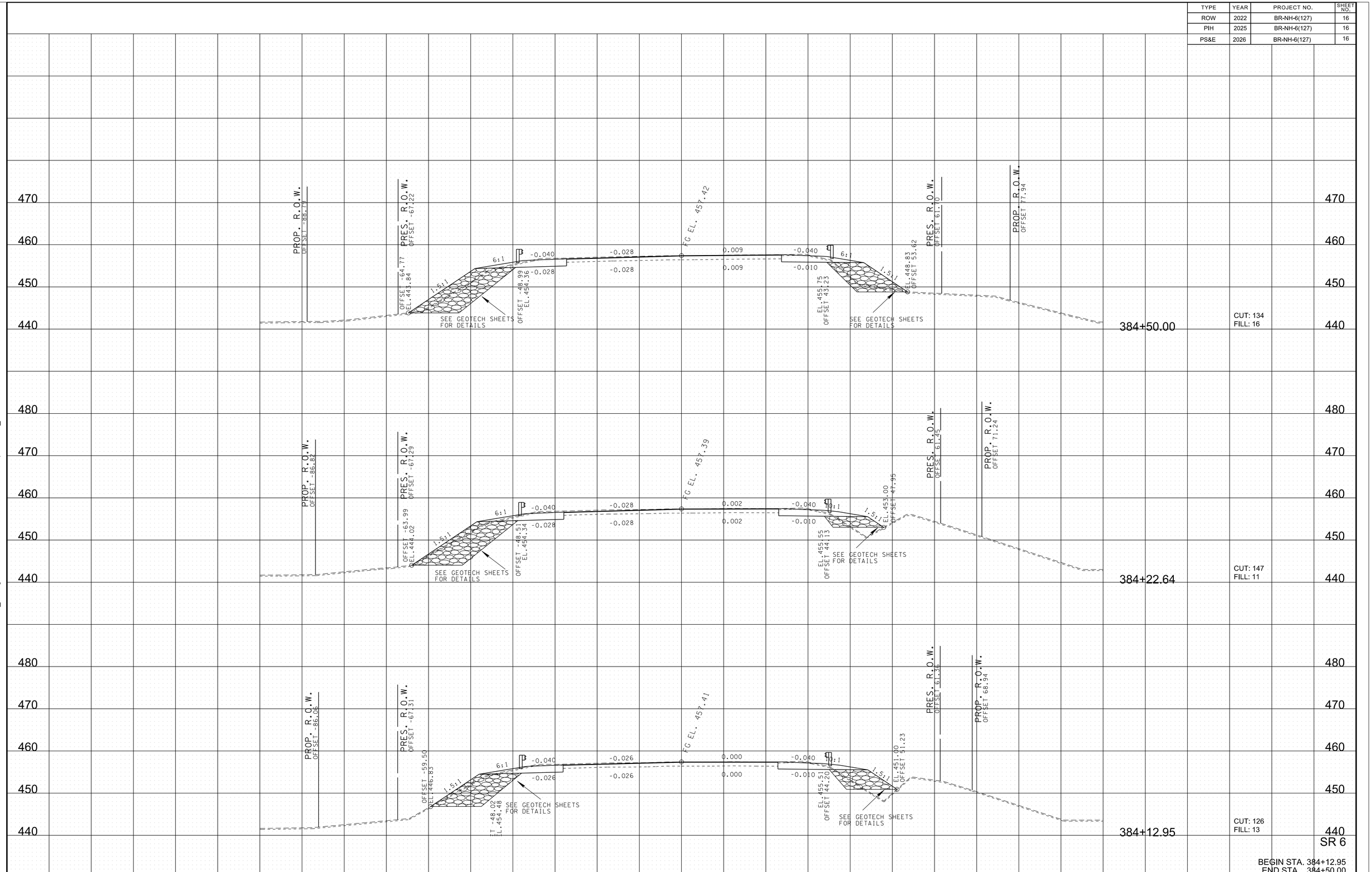
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	16
PIH	2025	BR-NH-6(127)	16
PS&E	2026	BR-NH-6(127)	16



SR 6

BEGIN STA. 384+12.95
END STA. 384+50.00

30-MAR-2026 13:58
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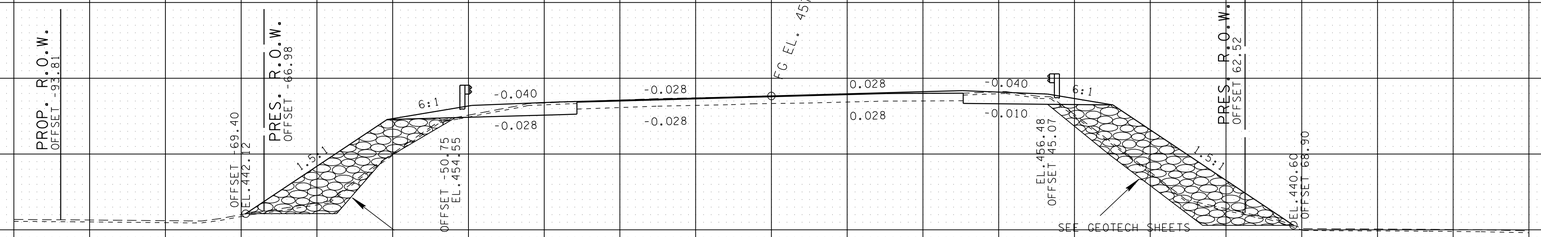
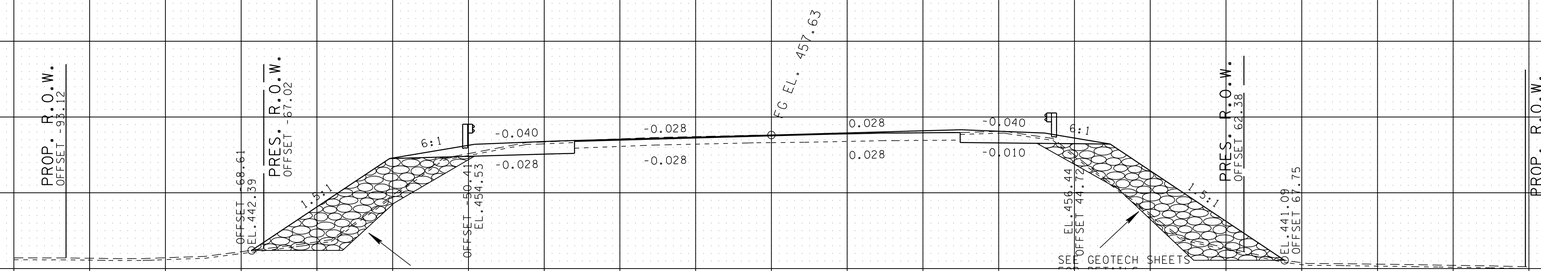
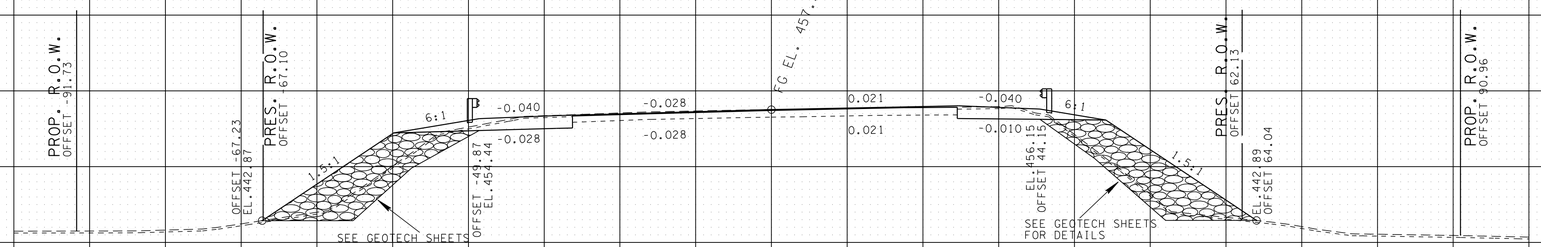
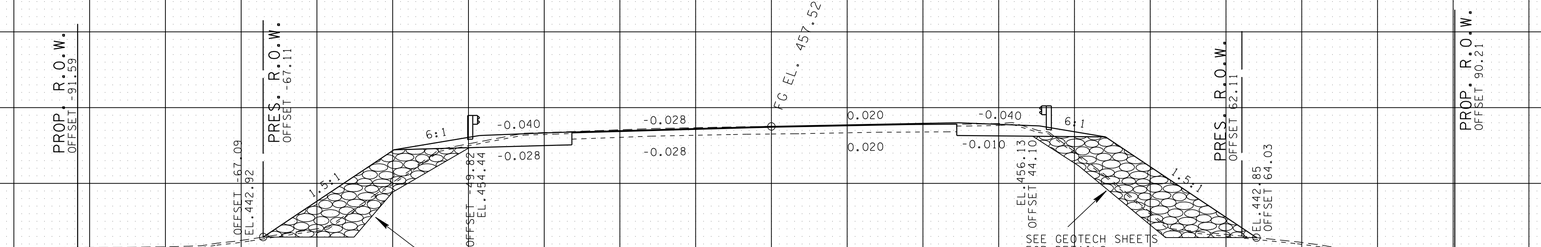
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	17
PIH	2025	BR-NH-6(127)	17
PS&E	2026	BR-NH-6(127)	17









SR 6

BEGIN STA. 384+97.24
END STA. 385+50.00

30-MAR-2026 13:59
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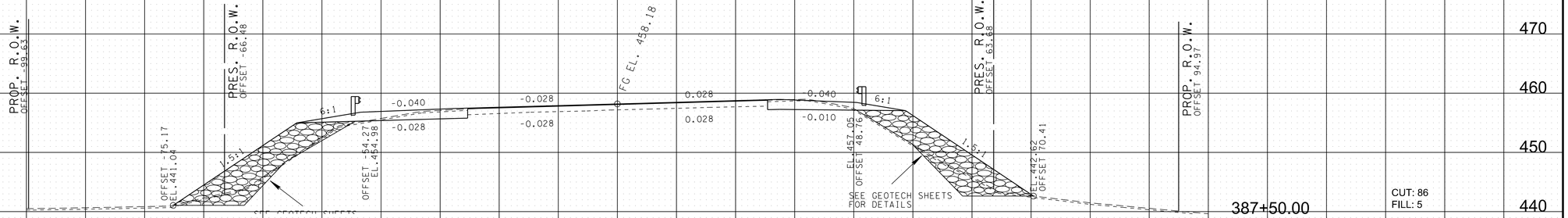
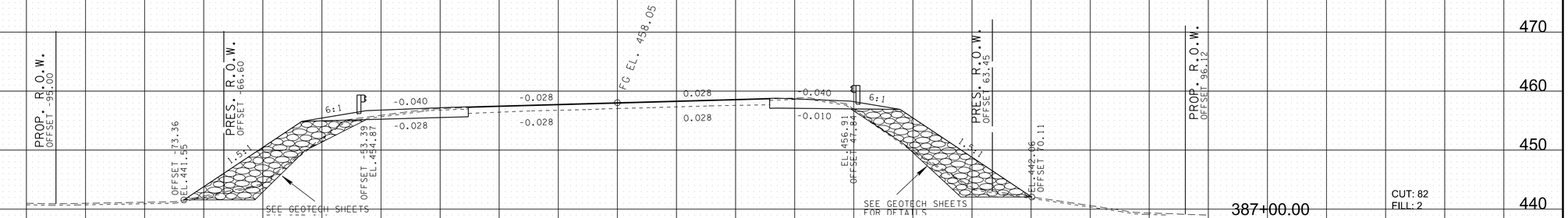
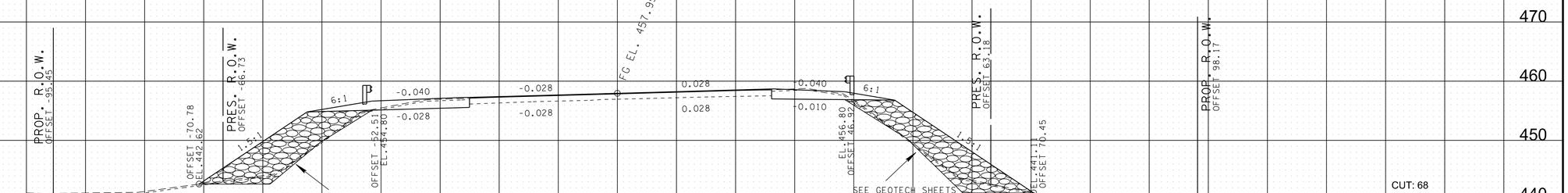
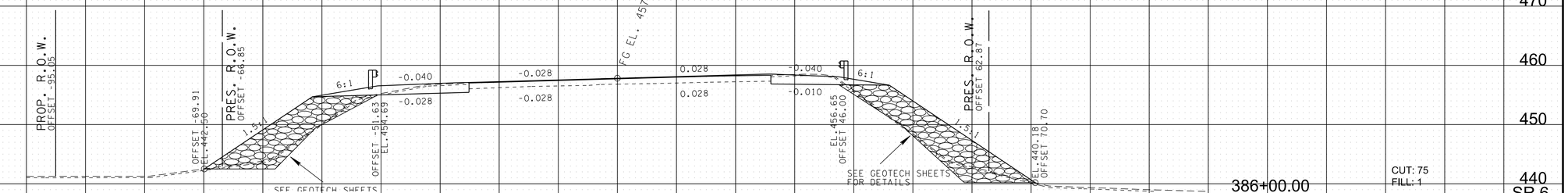
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	18
PIH	2025	BR-NH-6(127)	18
PS&E	2026	BR-NH-6(127)	18









SR 6

BEGIN STA. 386+00.00
END STA. 387+50.00

30-MAR-2026 13:59
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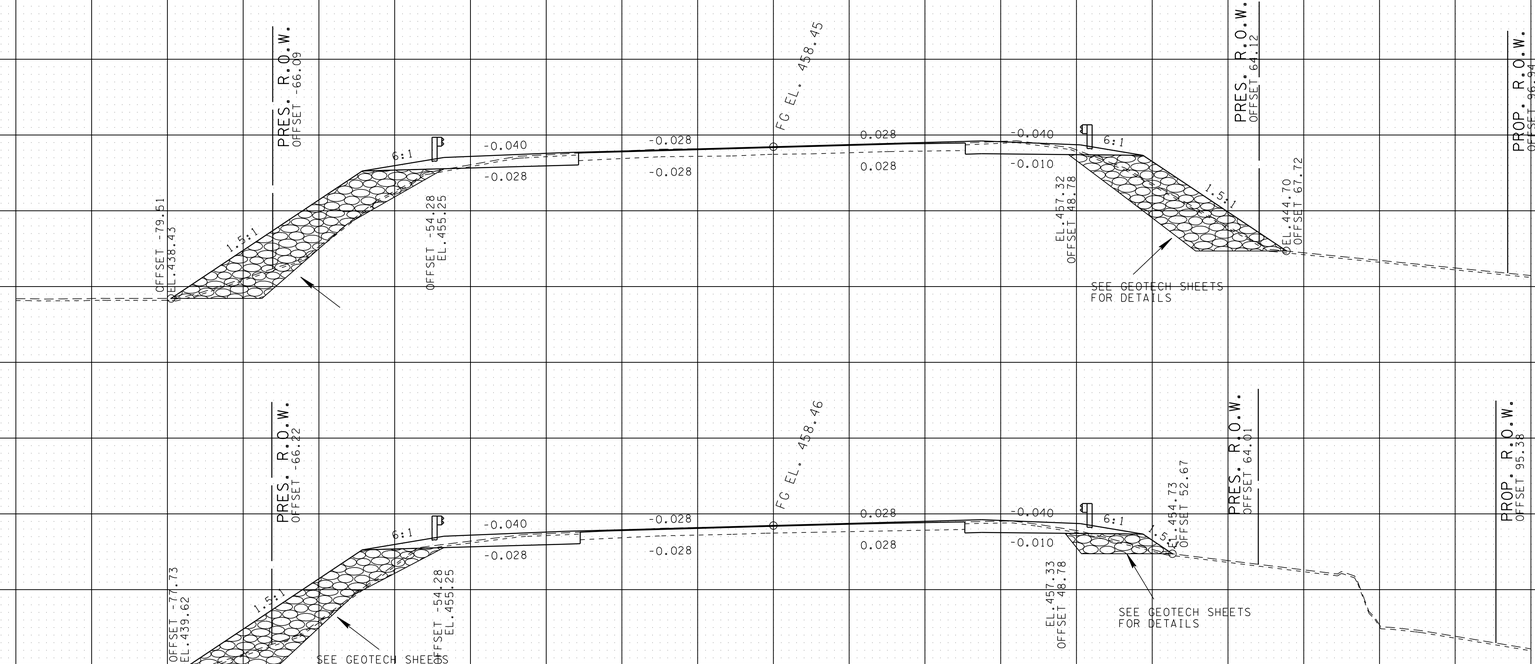
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	19
PIH	2025	BR-NH-6(127)	19
PS&E	2026	BR-NH-6(127)	19



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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	20
PIH	2025	BR-NH-6(127)	20
PS&E	2026	BR-NH-6(127)	20

30-MAR-2026 14:01
\\TDOT03NAS002.tdot.state.tn.us\03Shared\SURVEY\DESIGN\SR6_Bridge over West Fork Station Camp Creek_124722.00\su006-07 XSSR6Sheets.sht

PRES. R.O.W. OFFSET -65.84

FG EL. 458.50

-0.028 0.028

PRES. R.O.W. OFFSET 64.20

PROP. R.O.W. OFFSET 96.81

390+00.00

PRES. R.O.W. OFFSET -65.87

FG EL. 458.48

-0.028 0.028

PRES. R.O.W. OFFSET 64.20

PROP. R.O.W. OFFSET 97.90

BEGIN BRIDGE

389+85.50

PRES. R.O.W. OFFSET -65.97

FG EL. 458.51

6:1 -0.040 -0.028 -0.028 0.028 0.028 -0.040 -0.010 6:1

1.5:1 1.5:1

OFFSET -83.17 EL. 436.05

OFFSET -54.28 EL. 455.31

EL. 457.38 OFFSET 48.78

EL. 445.36 OFFSET 66.82

SEE GEOTECH SHEETS FOR DETAILS

SEE GEOTECH SHEETS FOR DETAILS

PRES. R.O.W. OFFSET 64.18

PROP. R.O.W. OFFSET 99.40

389+50.00

CUT: 103
FILL: 5

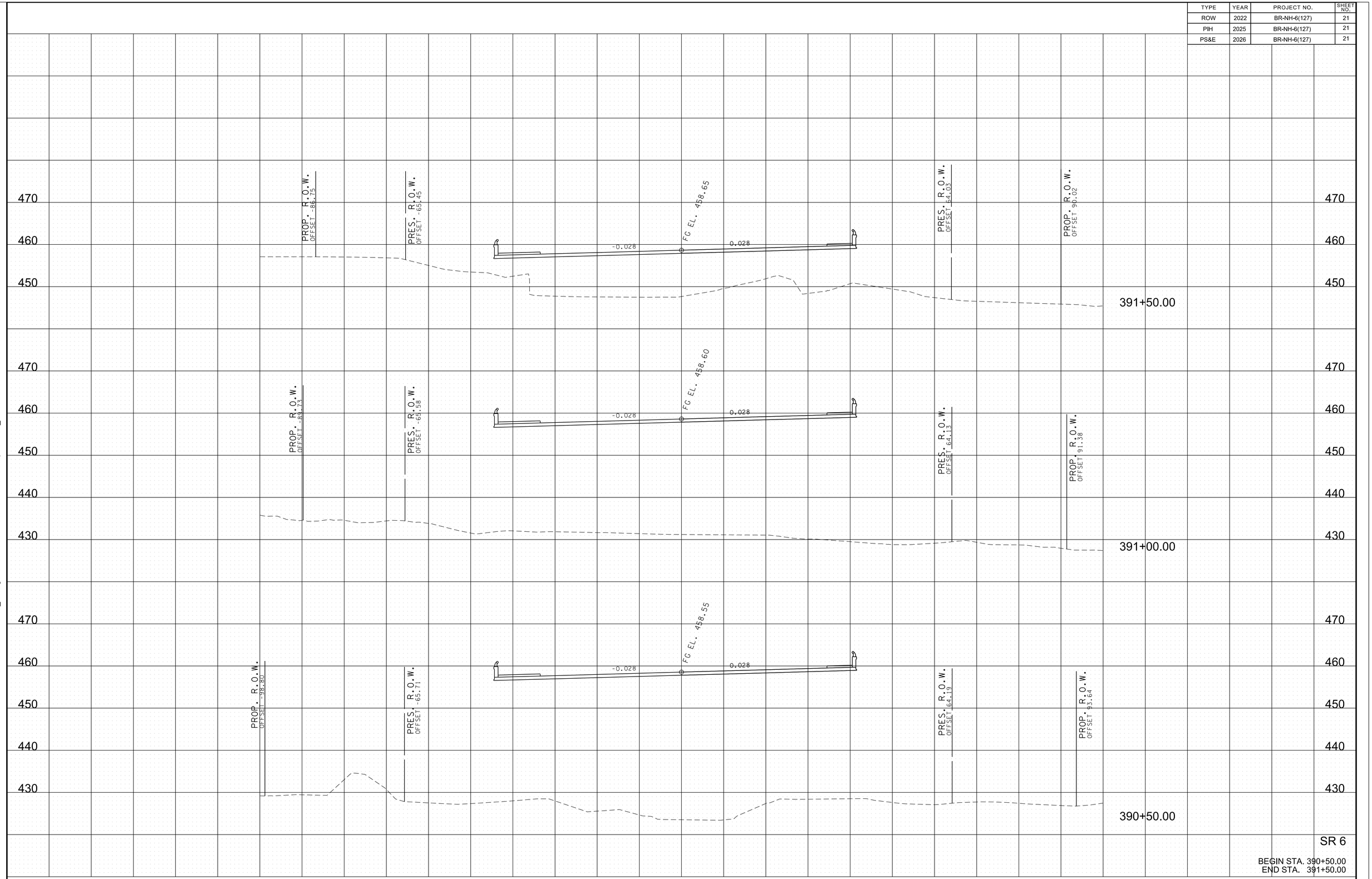
SR 6

BEGIN STA. 389+50.00
END STA. 390+00.00

470 460 450 440

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	21
PIH	2025	BR-NH-6(127)	21
PS&E	2026	BR-NH-6(127)	21



SR 6

BEGIN STA. 390+50.00
END STA. 391+50.00

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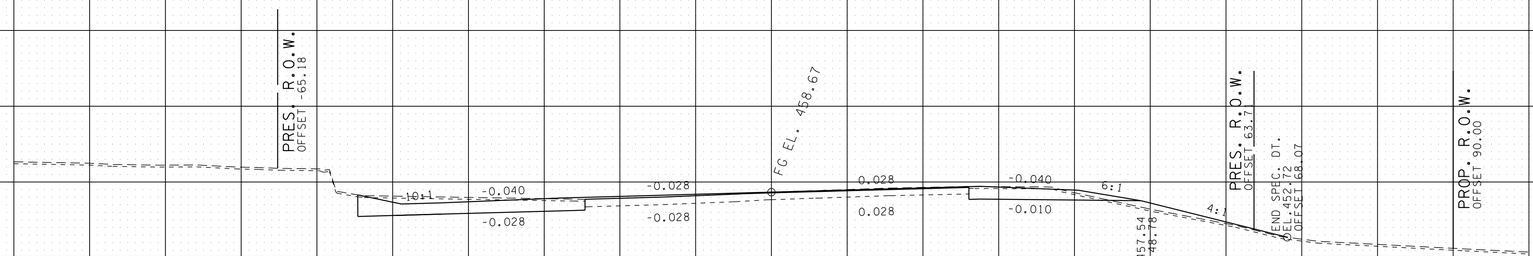
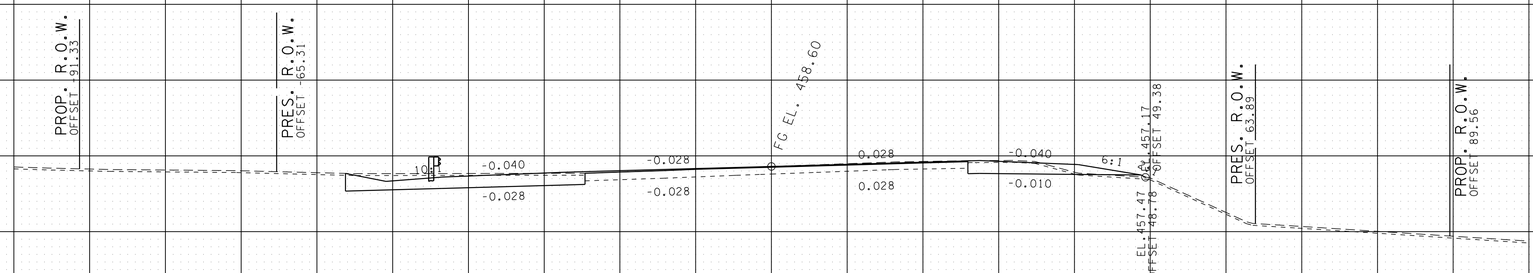
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	22
PIH	2025	BR-NH-6(127)	22
PS&E	2026	BR-NH-6(127)	22



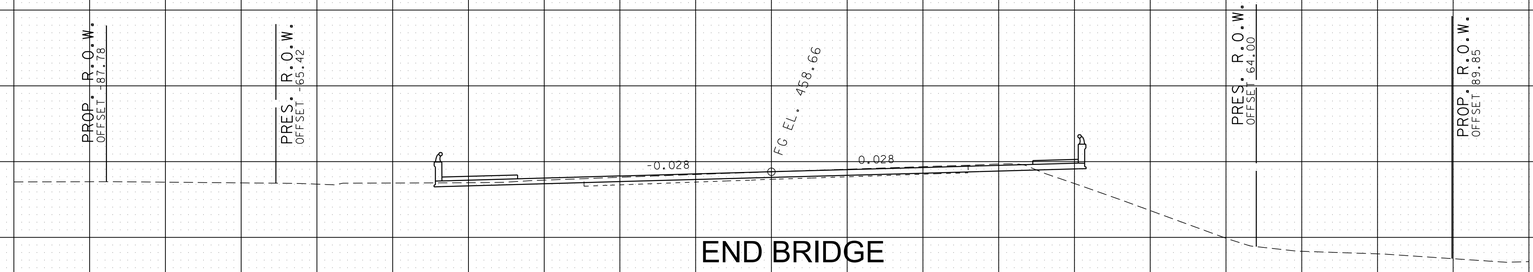
392+50.00

CUT: 80
FILL: 15



392+00.00

CUT: 74
FILL: 3



END BRIDGE

391+60.50

SR 6

BEGIN STA. 391+60.50
END STA. 392+00.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

30-MAR-2026 14:02
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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	23
PIH	2025	BR-NH-6(127)	23
PS&E	2026	BR-NH-6(127)	23

30-MAR-2026 14:03
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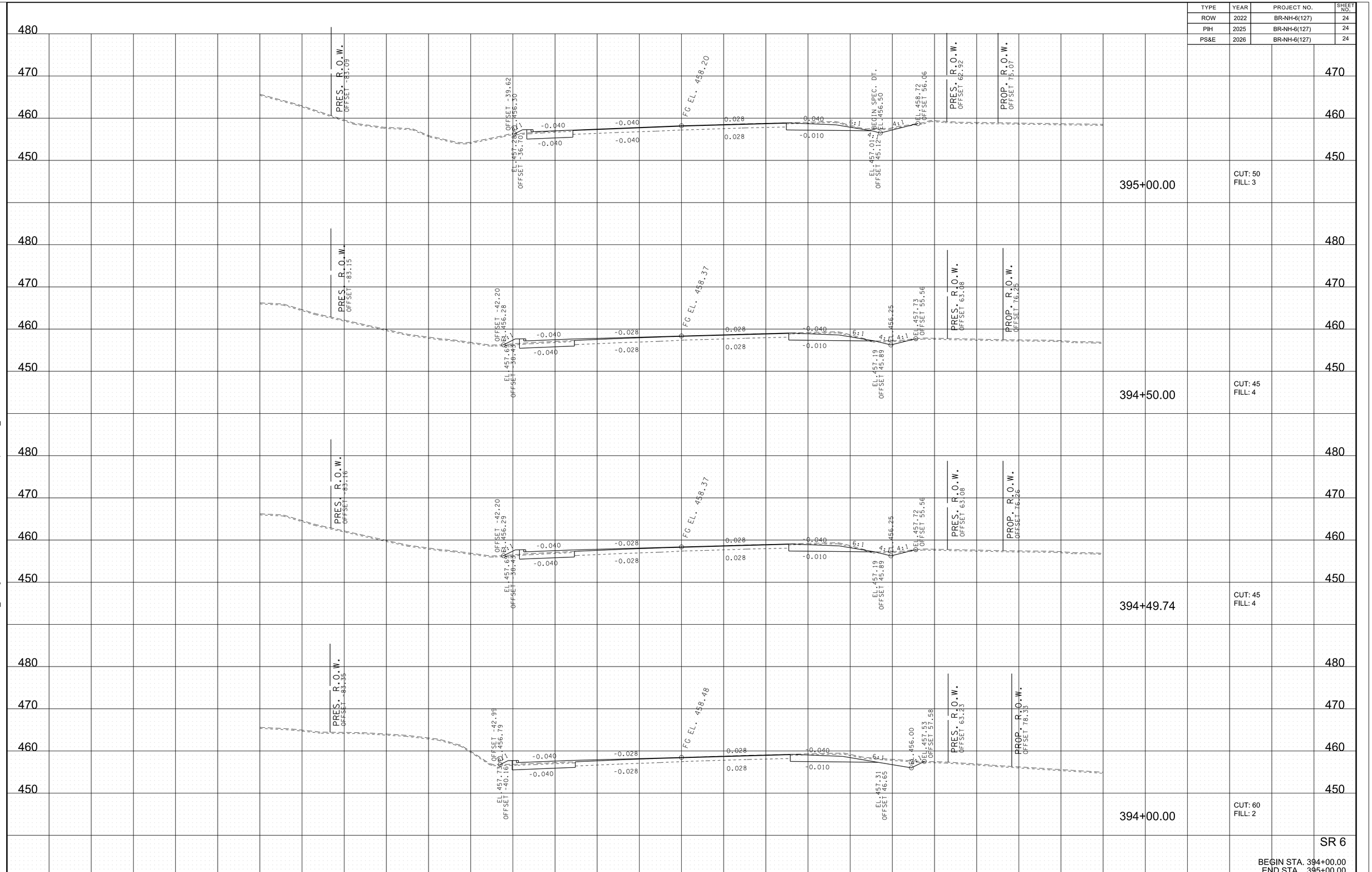
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	24
PIH	2025	BR-NH-6(127)	24
PS&E	2026	BR-NH-6(127)	24



SR 6

BEGIN STA. 394+00.00
END STA. 395+00.00

30-MAR-2026 14:03
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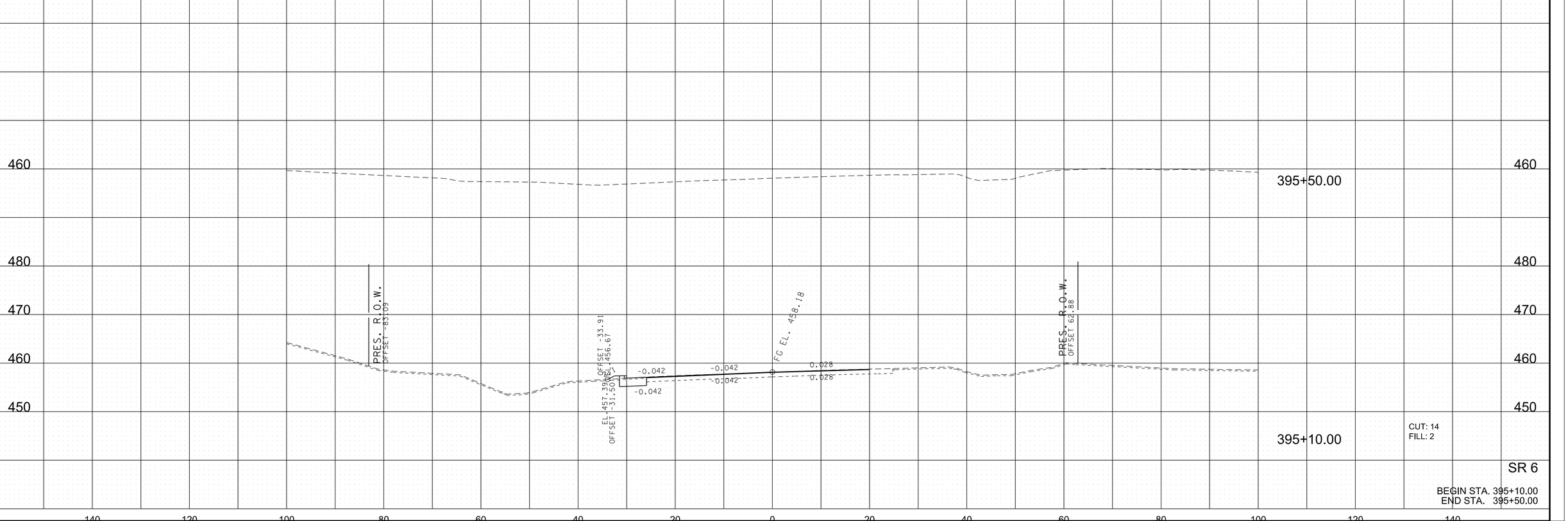
TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2022	BR-NH-6(127)	25
PIH	2025	BR-NH-6(127)	25
PS&E	2026	BR-NH-6(127)	25



30-MAR-2026 14:04
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T1
PS&E	2026	BR-NH-6(127)	T1

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:

   a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

   c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.

   d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 1.75 INCHES AND NOT EXCEEDING 6 INCHES, TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.

   a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

   b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

   IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

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

   a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

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

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

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

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

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

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

   SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

   IN THIS SITUATION THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

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

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

   a. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

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

   a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

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

   a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

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

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

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

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

1. WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

2. WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

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

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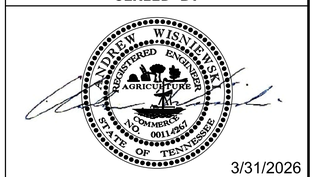

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL

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TABULATED TRAFFIC CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	PHASE 0A QUANTITY	PHASE 0B QUANTITY	PHASE I QUANTITY	PHASE II QUANTITY	PHASE III QUANTITY	TOTAL QUANTITY 83077-3219-94
(17)	712-01	TRAFFIC CONTROL	LS	0.5	0.5	0.5	0.5	0.5	0.5
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	1050	1050	1150	1100		1150
(1)	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	2	2	4	2		4
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH			130	140	200	200
(18)	712-04.50	BARRIER RAIL DELINEATOR	EACH	18	18	20	20		20
	712-05.01	WARNING LIGHTS (TYPE A)	EACH			4	6		6
(4)(20)	712-06	SIGNS (CONSTRUCTION)	S.F.	158	158	238	248	488	594
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.			22	33		33
	712-08.03	ARROW BOARD (TYPE C)	EACH			2	2	2	2
	712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	EACH	2	2	2	2	2	2
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2	2	2	2	2	2
	716-01.05	TEMPORARY RAISED PAVEMENT MARKER	EACH			75	75		150
(14)	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.					66	66
(14)(33)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	0.67	0.72	1.01	0.98	2.15	7
(23)	716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	L.F.	2850	250	375	1600		5075
(23)	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.					66	66
(32)	730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1	1	1	1	1	1

TRAFFIC CONTROL FOOTNOTES

(1) TO BE USED FOR BARRIER ENDS IN TRAFFIC CONTROL PHASES

(4) IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORARILY DESIGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING METHOD APPROVED BY THE ENGINEER. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06 SIGNS (CONSTRUCTION).

(14) TO BE USED FOR TEMPORARY PAVEMENT MARKINGS. INCLUDES REMOVAL AFTER USE.

(17) THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

(18) ITEM TO BE USED ON PORTABLE BARRIER RAIL FOR TEMPORARY TRAFFIC CONTROL

(20) THE CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF CONSTRUCTION SIGNS.

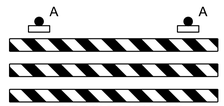
(23) ITEM TO BE USED TO REMOVE THE EXISTING MARKINGS THAT CONFLICT WITH THOSE SHOWN ON THE TEMPORARY TRAFFIC CONTROL PLANS.

(32) TO BE USED AT INTERCHANGE OF SR-386 EB OFF-RAMP AND GREEN LEA BLVD AS DIRECTED BY THE ENGINEER. SYSTEM SHALL INCLUDE WOOD POLES, GUYING DEVICES, SPAN WIRE, CONDUIT RISERS, SIGNAL HEADS, RADAR DETECTION, CONTROLLER CABINET, AND ANY OTHER SIGNAL RELATED EQUIPMENT NECESSARY TO HAVE A FULLY FUNCTIONAL TRAFFIC SIGNAL SYSTEM. COST TO INCLUDE MODIFICATION OF EXISTING SIDEWALK AS NEEDED FOR SIGNAL POLE INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING SIGNAL TIMING AS NEEDED BASED ON TRAFFIC FLOW.

(33) INCLUDES 1.5 L.M. FOR MISCELLANEOUS MAINTENANCE

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)
A	WARNING LIGHT (TYPE A) (LOW-INTENSITY FLASHING)



TYPE III BARRICADE
w/ TYPE A
WARNING LIGHTS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T2
PS&E	2026	BR-NH-6(127)	T2

*SEE SHEET T3 FOR PHASING NOTES AND TYPICAL DETAILS

TRAFFIC CONTROL SIGN TABULATION

M.U.T.C.D. SIGN NO.	LEGEND	SIZE IN INCHES L	X	W	S.F.	NO. REQUIRED PHASE 0A	NO. REQUIRED PHASE 0B	NO. REQUIRED PHASE I	NO. REQUIRED PHASE II	NO. REQUIRED PHASE III	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.	STANDARD DRAWING NO.
G20-2	END ROAD WORK	48"	X	24"	8	4	4	4	4	4	4	32.00	MUTCD TA-32, T-WZ-60
R2-1	SPEED LIMIT 40 MPH	36"	X	18"	5	2	2	2	2	2	2	9.00	T-WZ-60
R3-7R	RIGHT LANE MUST TURN RIGHT	30"	X	30"	6				2		2	12.50	MUTCD TA-22
W3-3	TEMPORARY SIGNAL AHEAD	30"	X	30"	6	3	3	3	3	3	3	18.75	
W4-2L	MERGE LEFT	48"	X	48"	16			1	1	2	2	32.00	MUTCD TA-32, T-WZ-60
W4-2R	MERGE RIGHT	48"	X	48"	16			1	1	2	2	32.00	MUTCD TA-32, T-WZ-60
W8-11	UNEVEN LANES	48"	X	48"	16					4	4	64.00	T-WZ-60
W8-15	GROOVED PAVEMENT	48"	X	48"	16					4	4	64.00	T-WZ-60
W8-15P	MOTORCYCLE PLAQUE	30"	X	24"	5					2	2	10.00	T-WZ-60
W20-1	ROAD WORK 1 MILE	48"	X	48"	16	1	1	2	2	2	2	32.00	MUTCD TA-32, T-WZ-60
W20-1	ROAD WORK AHEAD	48"	X	48"	16	4	4	2	2	2	4	64.00	MUTCD TA-32, T-WZ-60
W20-5L	LEFT LANE CLOSED 1/2 MILE	48"	X	48"	16			1	1	2	2	32.00	MUTCD TA-32, T-WZ-60
W20-5L	LEFT LANE CLOSED 1500 FT	48"	X	48"	16			1	1	2	2	32.00	MUTCD TA-32, T-WZ-60
W20-5R	RIGHT LANE CLOSED 1/2 MILE	48"	X	48"	16			1	1	2	2	32.00	MUTCD TA-32, T-WZ-60
W20-5R	RIGHT LANE CLOSED 1500 FT	48"	X	48"	16			1	1	2	2	32.00	MUTCD TA-32, T-WZ-60
W21-2	FRESH OIL	48"	X	48"	16					2	2	32.00	T-WZ-60
W24-1L	DOUBLE REVERSE CURVE LEFT, SINGLE LANE	48"	X	48"	16				1		1	16.00	MUTCD TA-32, T-WZ-60
W24-1AL	DOUBLE REVERSE CURVE LEFT, DOUBLE LANE	48"	X	48"	16		1				1	16.00	MUTCD TA-31
W24-1R	DOUBLE REVERSE CURVE RIGHT, SINGLE LANE	48"	X	48"	16			1			1	16.00	MUTCD TA-32, T-WZ-60
W24-1AR	DOUBLE REVERSE CURVE RIGHT, DOUBLE LANE	48"	X	48"	16	1					1	16.00	MUTCD TA-31
											TOTAL	594	S.F.

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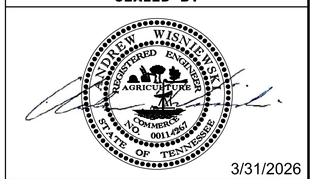

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T3
PS&E	2026	BR-NH-6(127)	T3

TRAFFIC CONTROL PHASING NOTES

PHASE 0

(1) PRIOR TO ANY CONSTRUCTION TAKING PLACE, ADVANCE WARNING SIGNS LOCATED ON SR-6 AND ALL SIDE ROADS MUST BE INSTALLED AS INDICATED IN PHASE 0 PLANS.

(2) TEMPORARY PAVEMENT MARKINGS INDICATED IN PHASE 0 PLANS SHOULD BE INSTALLED PRIOR TO SHIFTING TRAFFIC INTO THE EXISTING CENTER TURN LANE. ALL CONFLICTING EXISTING PAVEMENT MARKINGS SHOULD BE REMOVED.

(3) LANE SHIFTS ARE EXPECTED TO OCCUR IN PHASE 0. ALL APPLICABLE TDOT AND MUTCD STANDARDS SHOULD BE FOLLOWED.

(4) SHOULDER AND UTILITY WORK IS EXPECTED TO OCCUR IN PHASE 0. THE EXISTING CENTER TURN LANE WILL BE CLOSED AND THE EXISTING TRAVEL LANES WILL BE SHIFTED AS SHOWN IN THE PLANS. TWO TRAVEL LANES IN EACH DIRECTION WILL BE MAINTAINED THROUGHOUT BOTH PHASES 0A AND 0B. THE LANE SHIFTS SHOULD NOT INTERFERE WITH THE EXISTING LEFT TURN MOVEMENTS ONTO DOUGLAS BEND RD.

PHASE 1

(1) THE TEMPORARY SIGNAL AT GREEN LEA BLVD. SHOULD BE INSTALLED BEFORE ANY LANE CLOSURES ARE TO OCCUR AS INDICATED ON SHEET T16 OF THE PLANS.

(2) PRIOR TO ANY CONSTRUCTION TAKING PLACE, ADVANCE WARNING SIGNS LOCATED ON SR-6 AND ALL SIDE ROADS MUST BE INSTALLED AS INDICATED IN PHASE 1 PLANS.

(3) TEMPORARY PAVEMENT MARKINGS INDICATED IN PHASE 1 PLANS SHOULD BE INSTALLED PRIOR TO DIVERTING TRAFFIC TO THE SOUTH SIDE OF THE BRIDGE. ALL CONFLICTING EXISTING PAVEMENT MARKINGS SHOULD BE REMOVED INCLUDING CONFLICTING MARKINGS FROM PHASE 0.

(4) ONE LANE CLOSURES ARE EXPECTED TO OCCUR IN PHASE 1. ALL APPLICABLE TDOT AND MUTCD STANDARDS SHOULD BE FOLLOWED.

(5) CONSTRUCTION OF THE NORTH SIDE OF THE BRIDGE AND SHOULDERS WILL OCCUR AS WELL AS CONSTRUCTION OF PROPOSED DRIVEWAY.

PHASE 2

(1) PRIOR TO ANY CONSTRUCTION TAKING PLACE, ADVANCE WARNING SIGNS LOCATED ON SR-6 AND ALL SIDE ROADS MUST BE INSTALLED AS INDICATED IN PHASE 2 PLANS.

(2) TEMPORARY PAVEMENT MARKINGS INDICATED IN PHASE 2 PLANS SHOULD BE INSTALLED PRIOR TO DIVERTING TRAFFIC TO THE NORTH SIDE OF THE BRIDGE. TRAFFIC WILL BE DIVERTED ONTO NEW PROPOSED SHOULDER FOR ADDED TRAVELED WAY WIDTH. ALL CONFLICTING EXISTING PAVEMENT MARKINGS SHOULD BE REMOVED INCLUDING CONFLICTING MARKINGS FROM PHASE 1.

(3) ONE LANE CLOSURES ARE EXPECTED TO OCCUR IN PHASE 2. ALL APPLICABLE TDOT AND MUTCD STANDARDS SHOULD BE FOLLOWED.

(4) CONSTRUCTION OF THE SOUTH SIDE OF THE BRIDGE AND SHOULDERS WILL OCCUR.

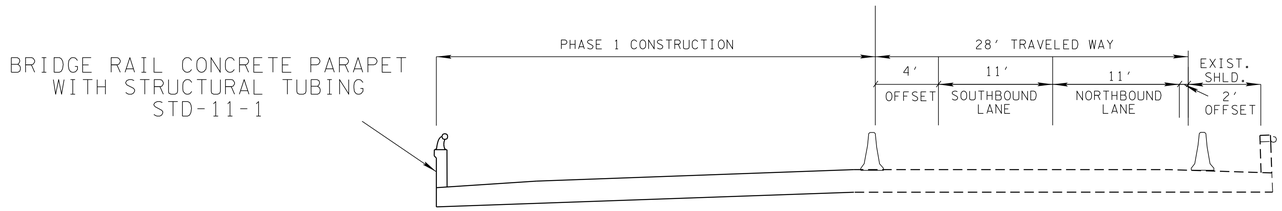
(5) THE TEMPORARY SIGNAL AT GREEN LEA BLVD. SHOULD BE REMOVED WHEN TRAFFIC IS RETURNED TO NORMAL OPERATIONS AFTER PHASE 1 AND 2 BRIDGE CONSTRUCTION OR WHEN THE CITY OF GALLATIN BEGINS THEIR PROPOSED SIGNAL PROJECT AT THE GREEN LEA BLVD. INTERSECTION. THE CONTRACTOR WILL NEED TO COORDINATE WITH THE CITY OF GALLATIN REGARDING THE TEMPORARY SIGNAL.

PHASE 3

(1) MILLING AND OVERLAY OF TRAVELED WAY AND SHOULDER WILL OCCUR AFTER CONSTRUCTION IS COMPLETE. THE LIMITS OF MILL AND OVERLAY EXTEND FROM STA. 377+85.50 – STA. 400+60.50 TO ENCOMPASS ALL TEMPORARY PAVEMENT MARKING LOCATIONS FROM PHASES 1 AND 2. ONCE MILLING AND OVERLAY IS COMPLETE, RESTRIPING OF THESE SECTIONS WILL OCCUR

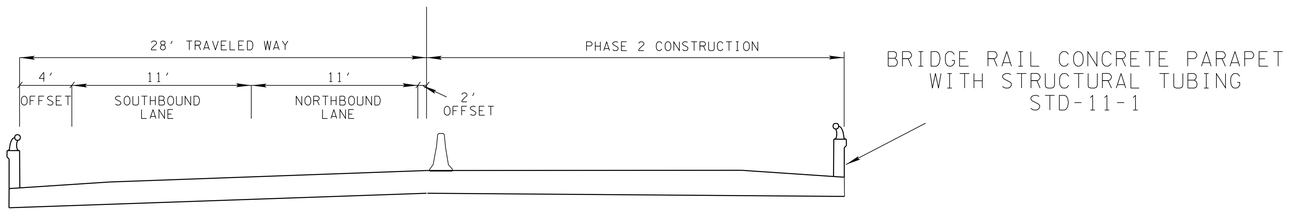
(2) CONSTRUCTION OF SIDEWALK AND MULTI-USE PATH WILL OCCUR AFTER COMPLETION OF PROPOSED ROADWAY AND BRIDGE. TRAFFIC WILL UTILIZE PROPOSED TRAVEL LANES.

PHASE 1



LANES SHIFTED TO SOUTHSIDE OF EXISTING STRUCTURE AND ROADWAY

PHASE 2



LANES SHIFTED TO NORTHSIDE OF NEW PROPOSED STRUCTURE AND ROADWAY

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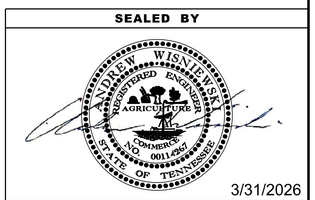

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES AND TYPICAL SECTIONS

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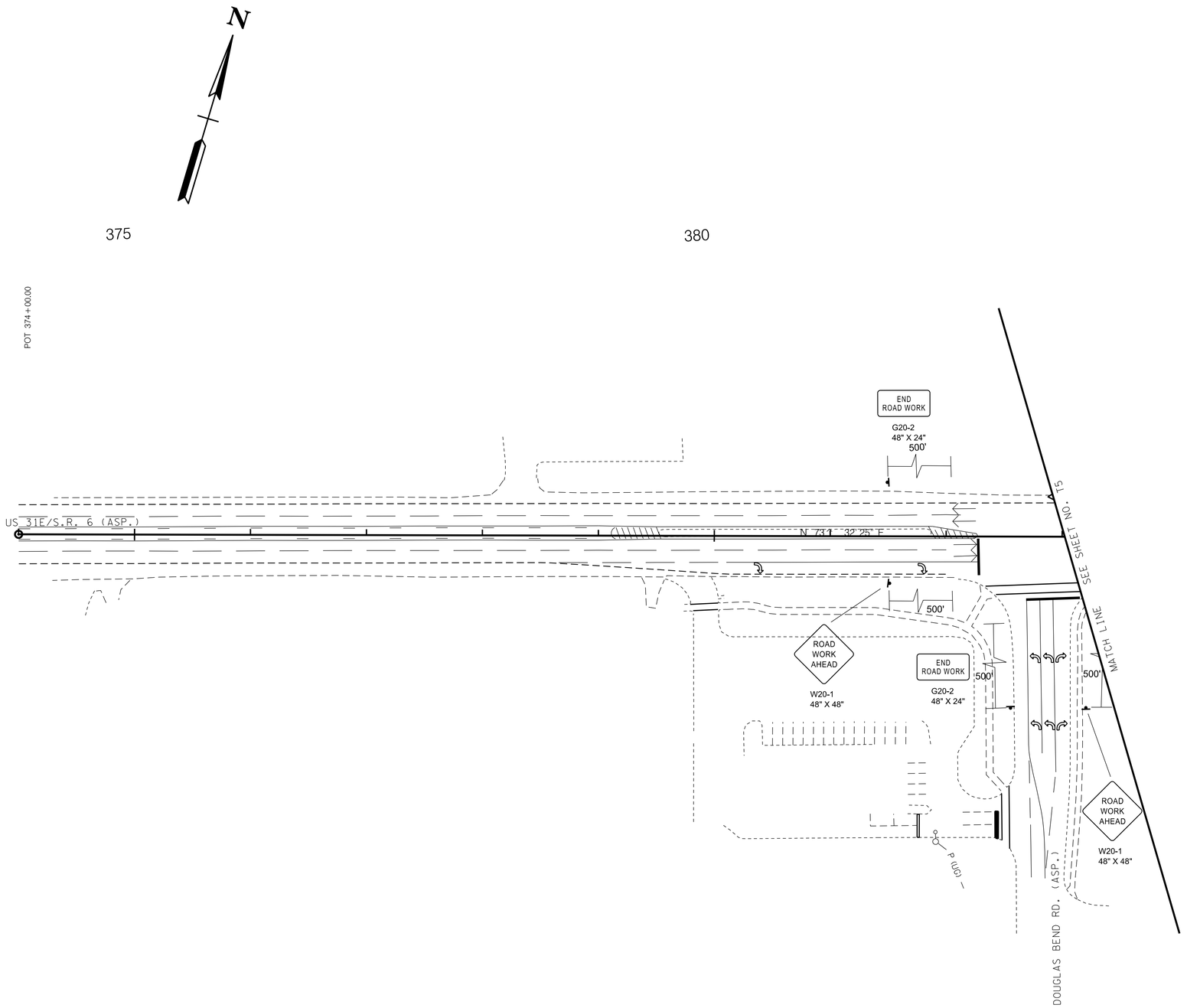
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	T4



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ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011-020
STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

PHASE 0A

SCALE: 1"=50'

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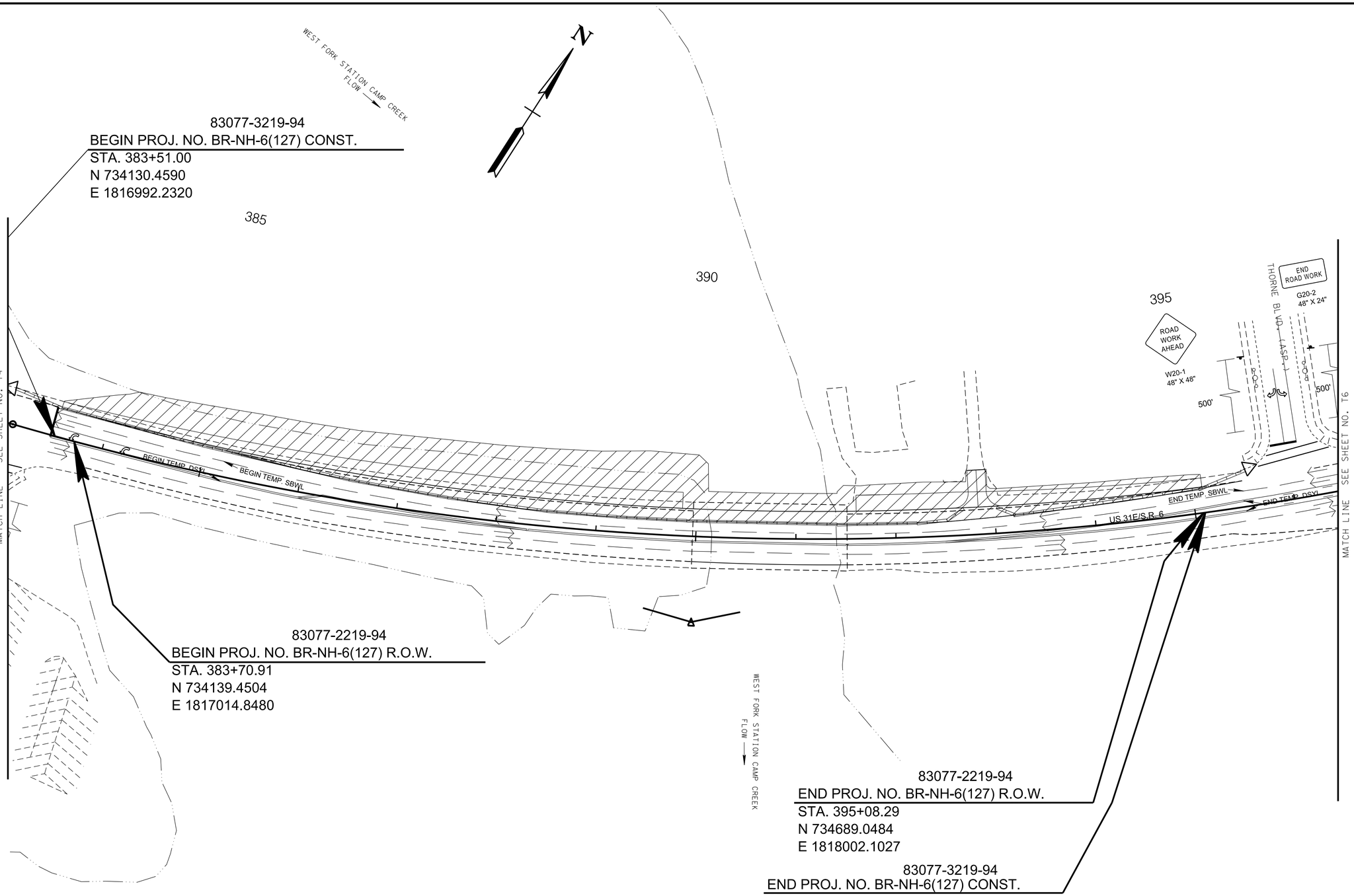
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	T5



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ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMISSION NO. 0011.4367
STATE OF TENNESSEE

3/31/2026

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

PHASE 0A

SCALE: 1"=50'

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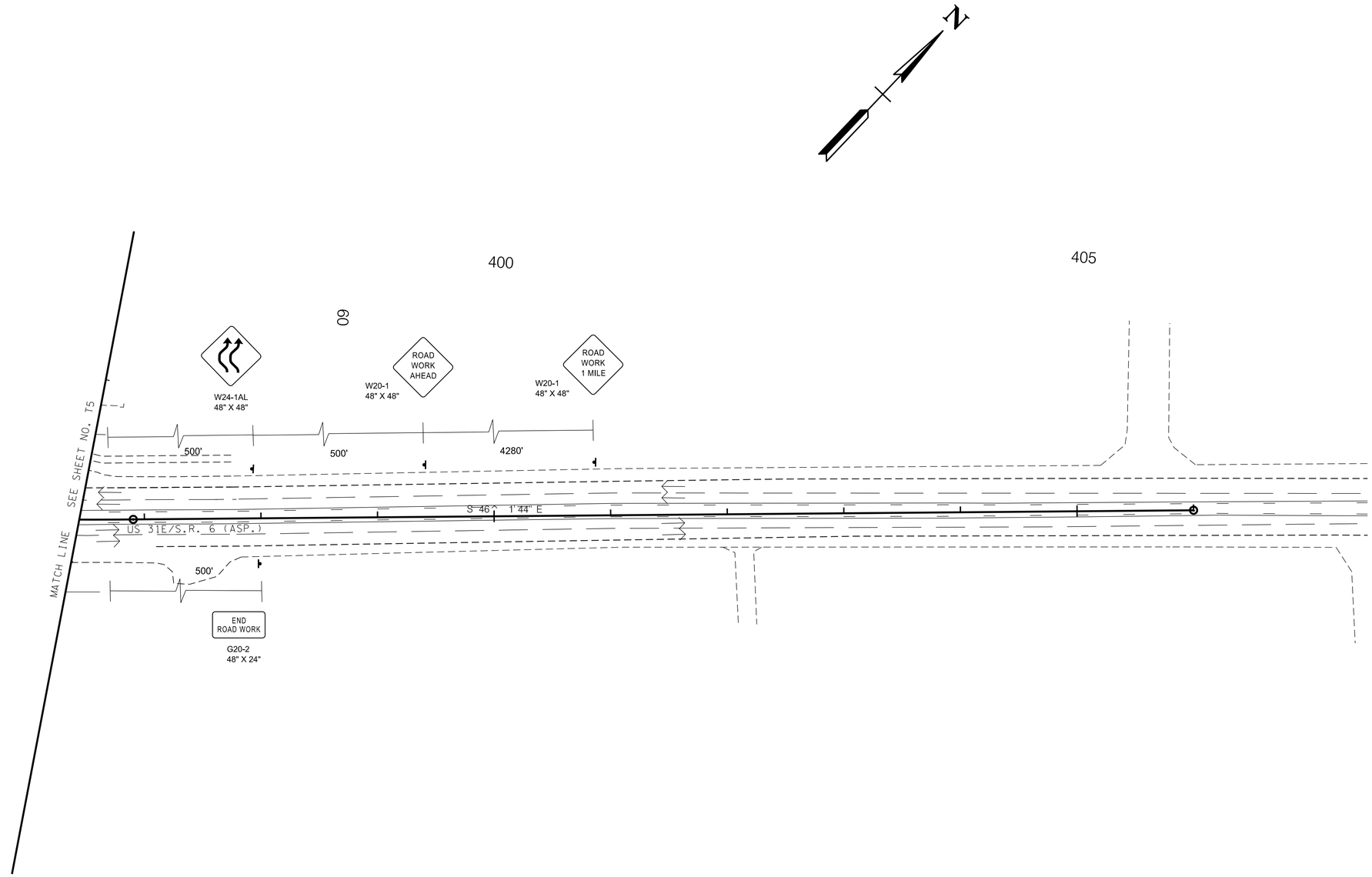
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	T6



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ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4263
STATE OF TENNESSEE

3/31/2026

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

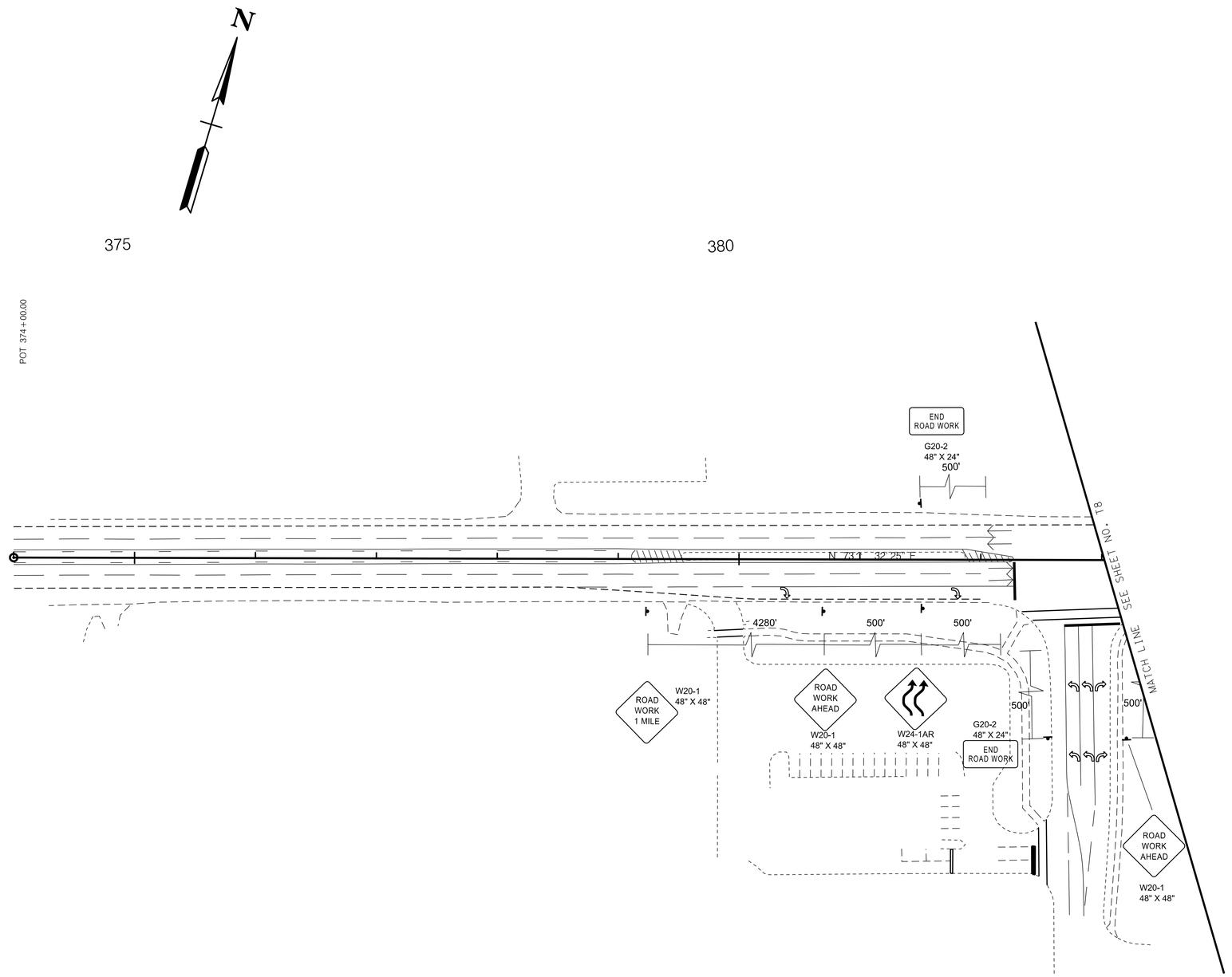
TRAFFIC CONTROL PLANS

PHASE 0A

SCALE: 1"=50'

30-MAR-2026 14:08
\\TDOT03NAS002.tdot.state.tn.us\03Shared\SURVEY\DESIGN\SR6_Bridge over West Fork Station Camp Creek_124722.00\su006-07 T6.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	T7



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

PHASE 0B

SCALE: 1"=50'

30-MAR-2026 14:08
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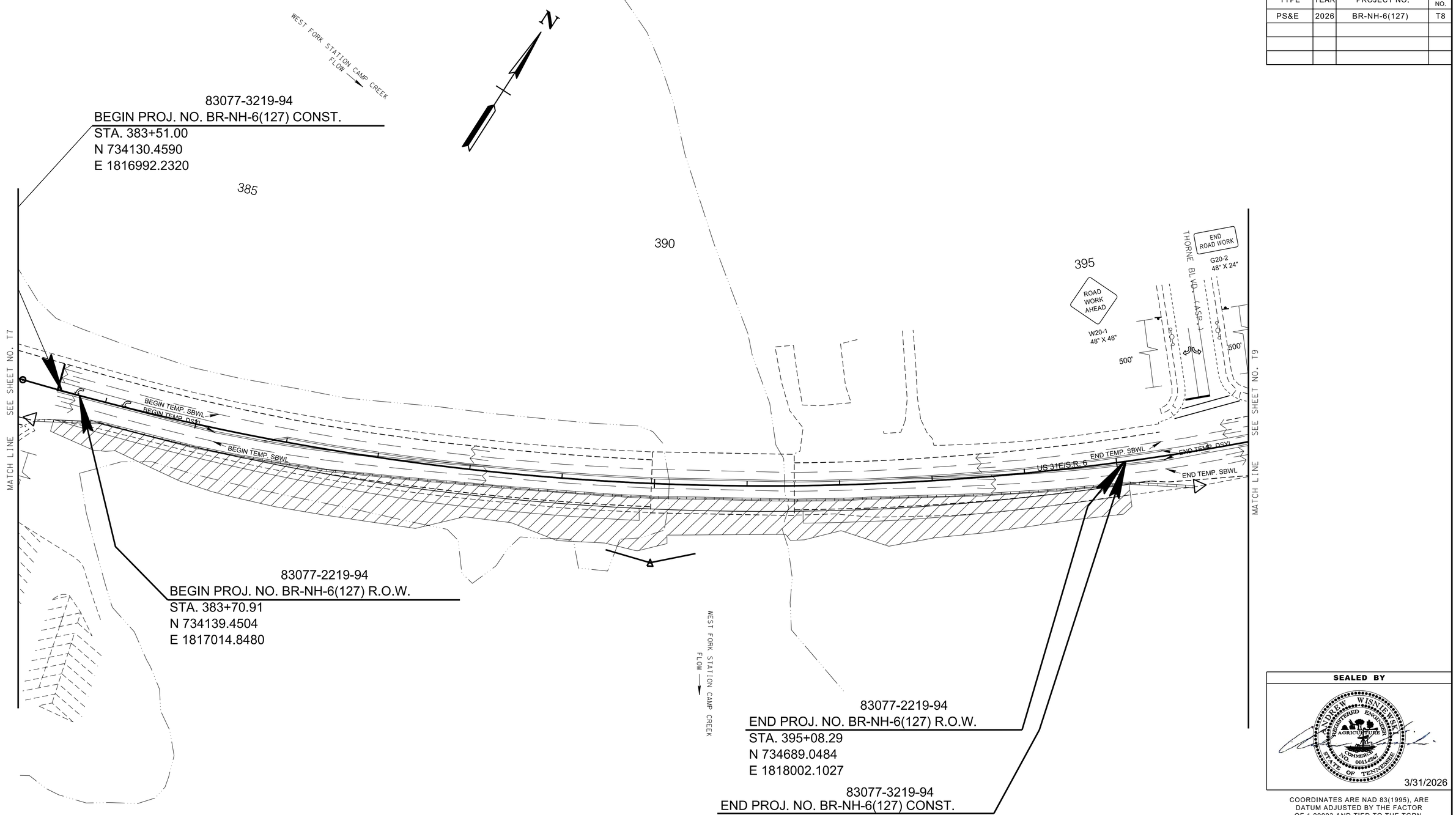
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	T8



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AGRICULTURE
COMMERCE
NO. 0011.4267
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

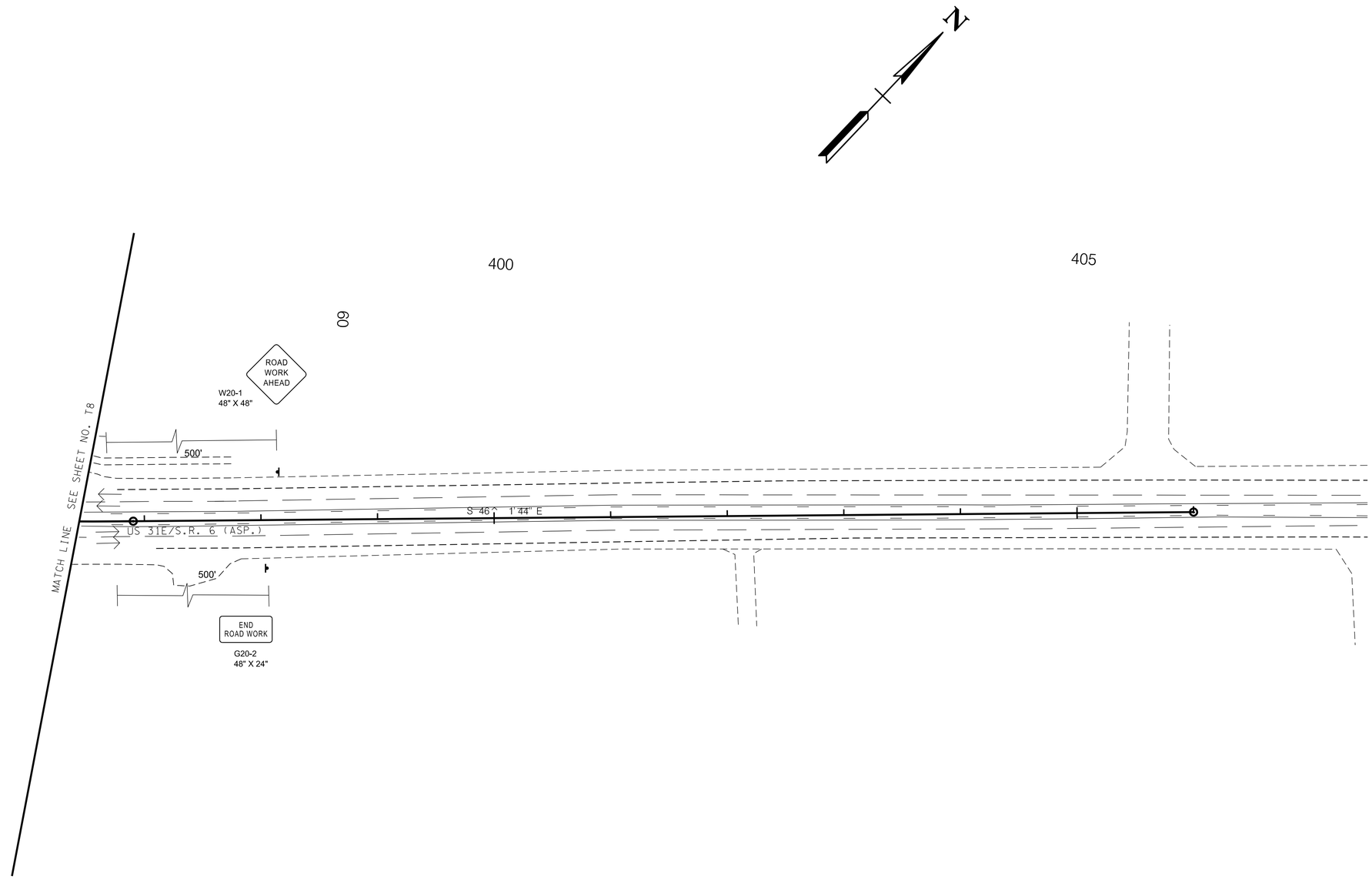
TRAFFIC CONTROL PLANS

PHASE 0B

SCALE: 1"=50'

30-MAR-2026 14:09
\\TDOT03NAS002.tdot.state.tn.us\03Shared\SURVEY\DESIGN\SR6_Bridge over West Fork Station Camp Creek_124722.00\su006-07 T8.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	T9



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NO. 0011.4267
STATE OF TENNESSEE

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

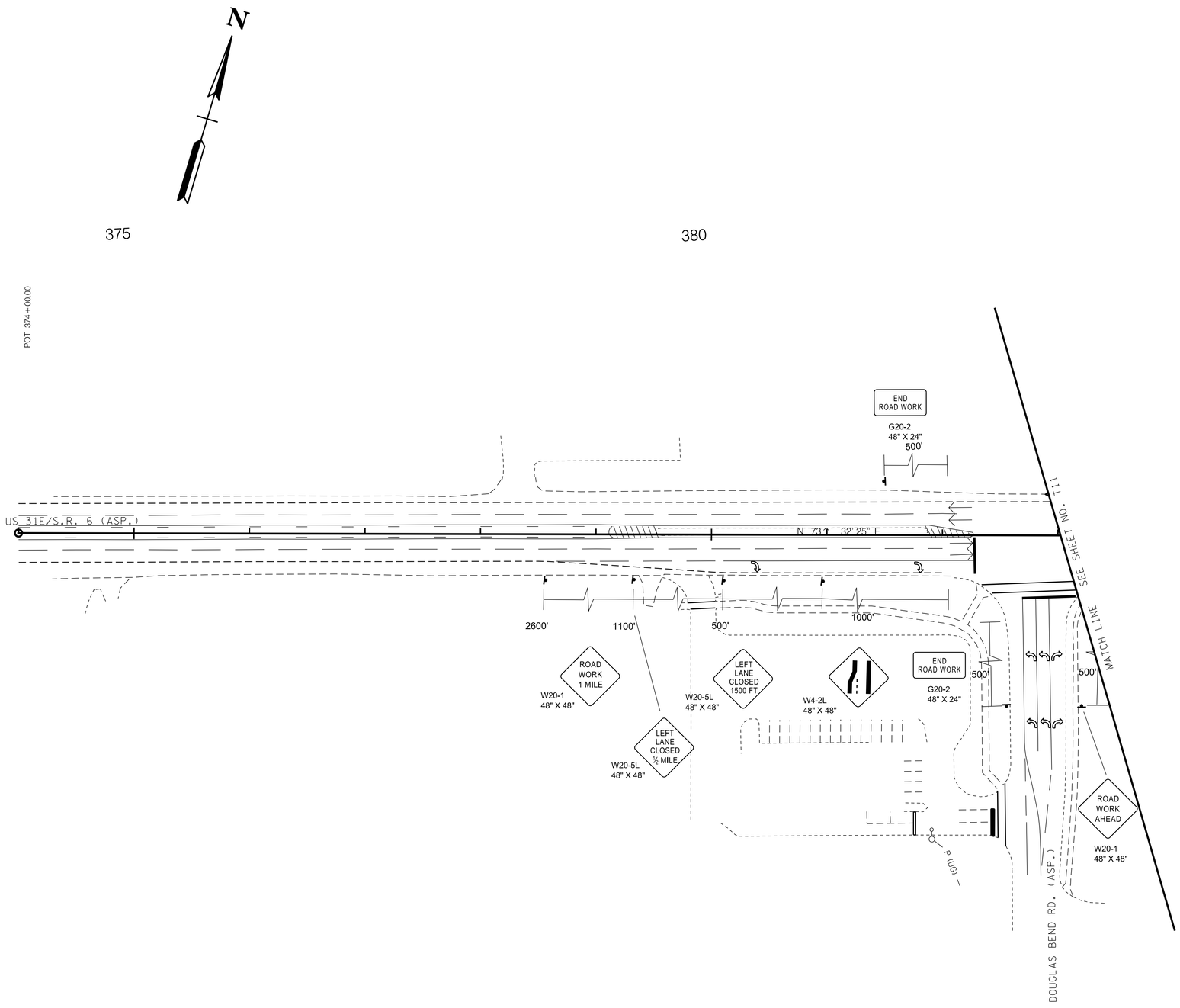
TRAFFIC CONTROL PLANS

PHASE 0B

SCALE: 1"=50'

30-MAR-2026 14:09
\\TDOT03NAS002.tdot.state.tn.us\03Shared\SURVEY\DESIGN\SR6_Bridge over West Fork Station Camp Creek_124722.00\su006-07 T9.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T4
PS&E	2026	BR-NH-6(127)	T10



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REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011426
STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

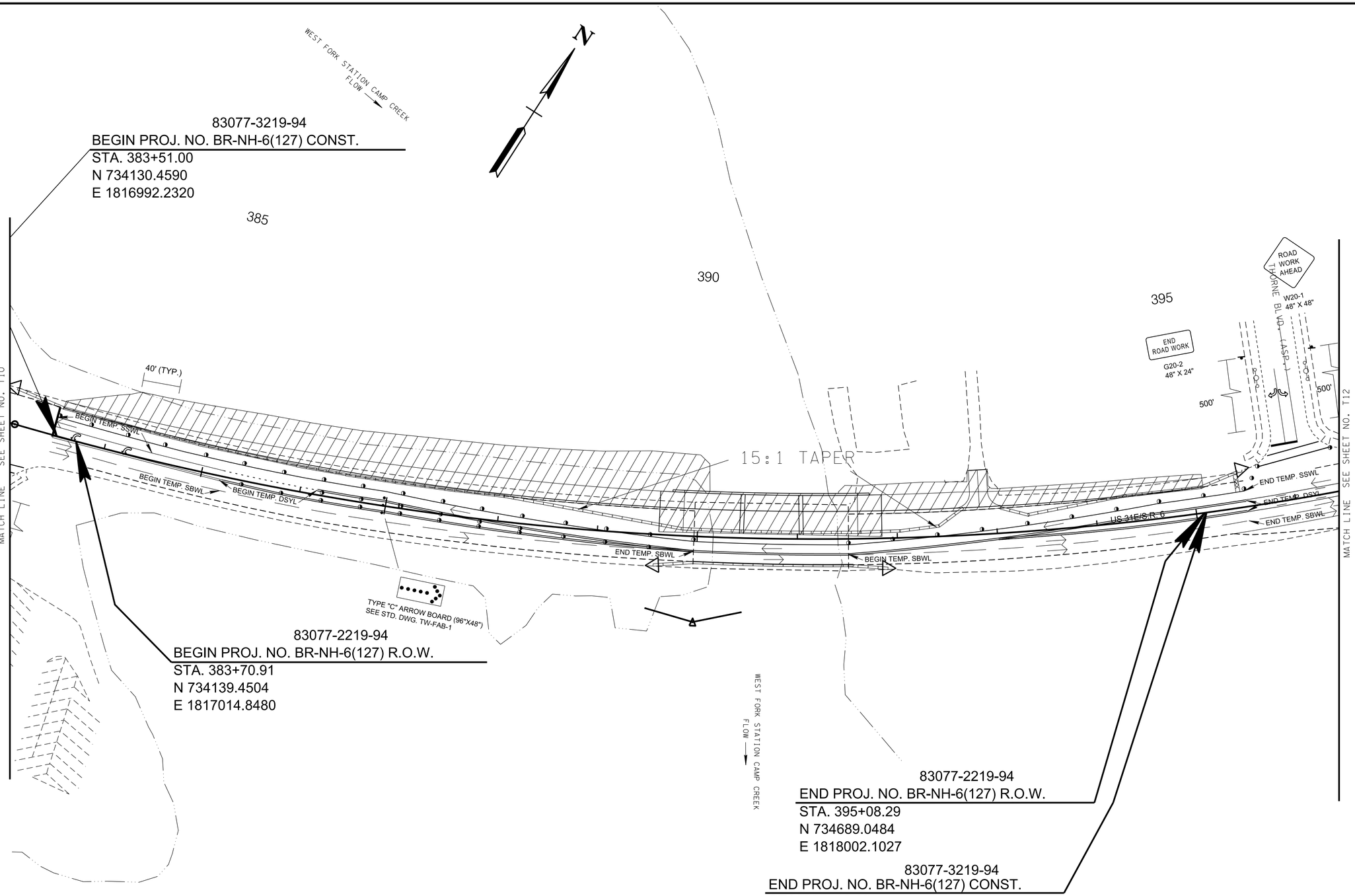
TRAFFIC CONTROL PLANS

PHASE 1

SCALE: 1"=50'

30-MAR-2026 14:09
\\TDOT03NAS002.tdot.state.tn.us\03Shared\SURVEY\DESIGN\SR6_Bridge over West Fork Station Camp Creek_124722.00\su006-07 T10.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T5
PS&E	2026	BR-NH-6(127)	T11



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STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

PHASE 1

SCALE: 1"=50'

30-MAR-2026 14:09
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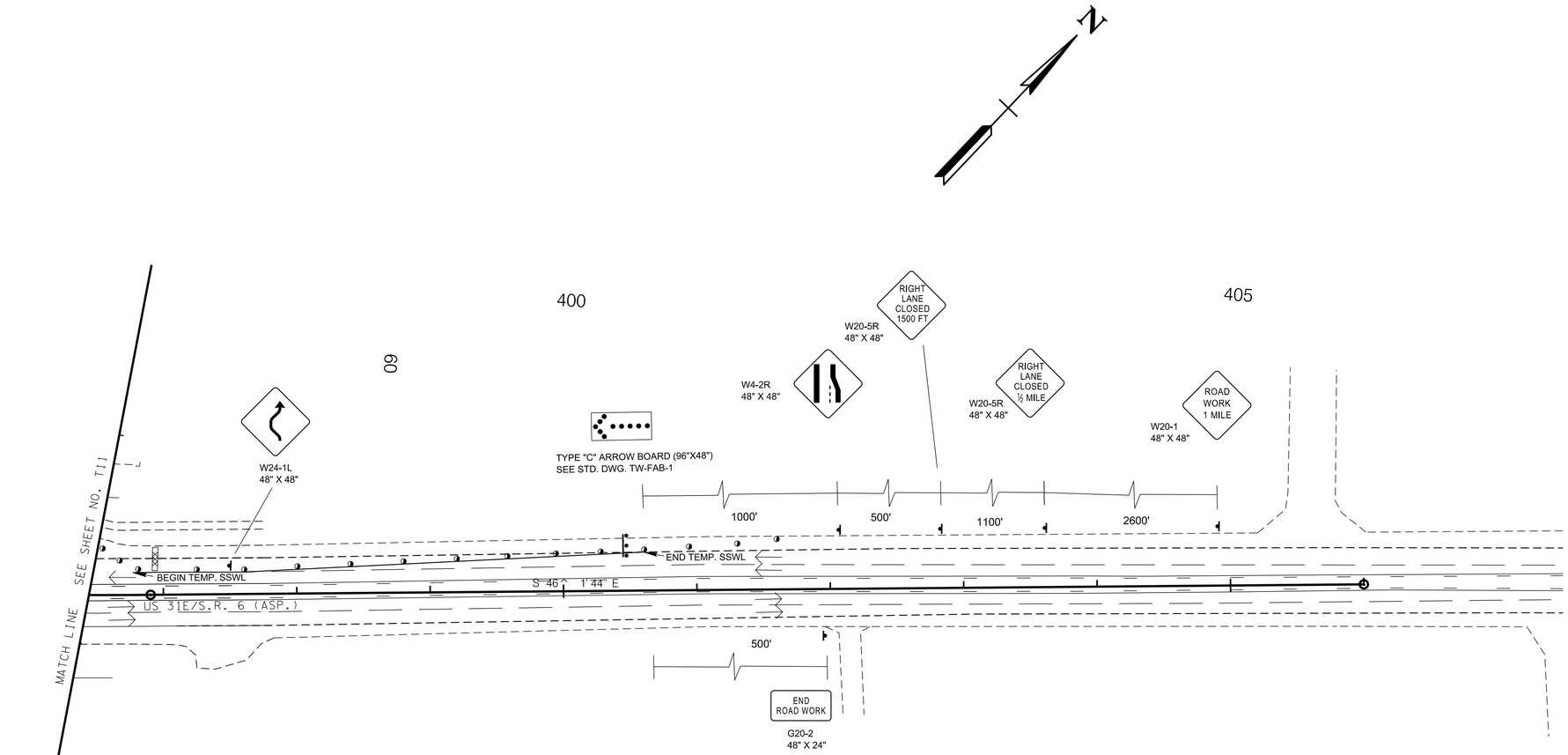
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T6
PS&E	2026	BR-NH-6(127)	T12



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COMMERCE
NO. 0011.4267
STATE OF TENNESSEE

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

PHASE 1

SCALE: 1"=50'

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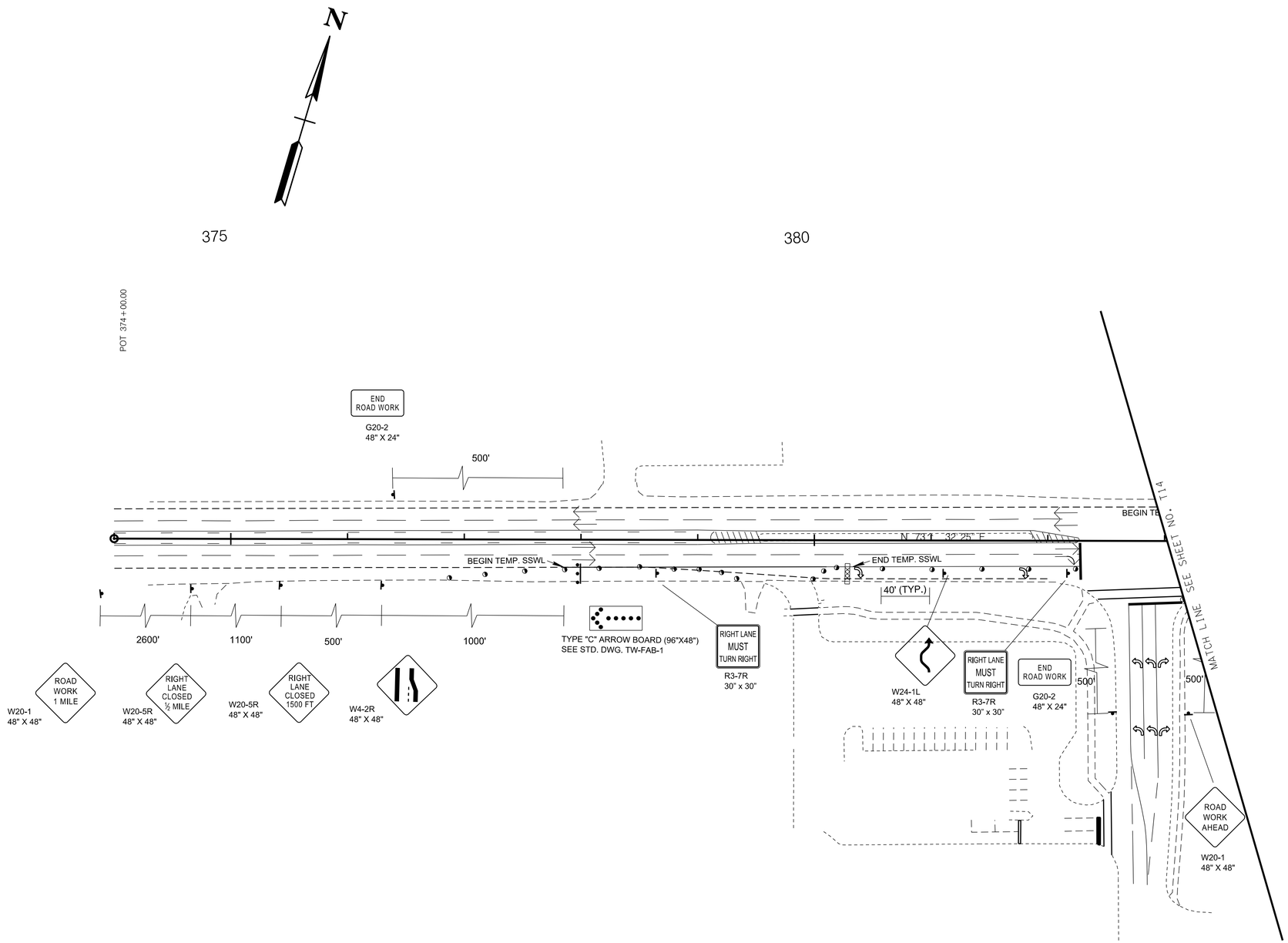
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T7
PS&E	2026	BR-NH-6(127)	T13



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AGRICULTURE
COMMERCE
NO. 0011-0251
STATE OF TENNESSEE

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

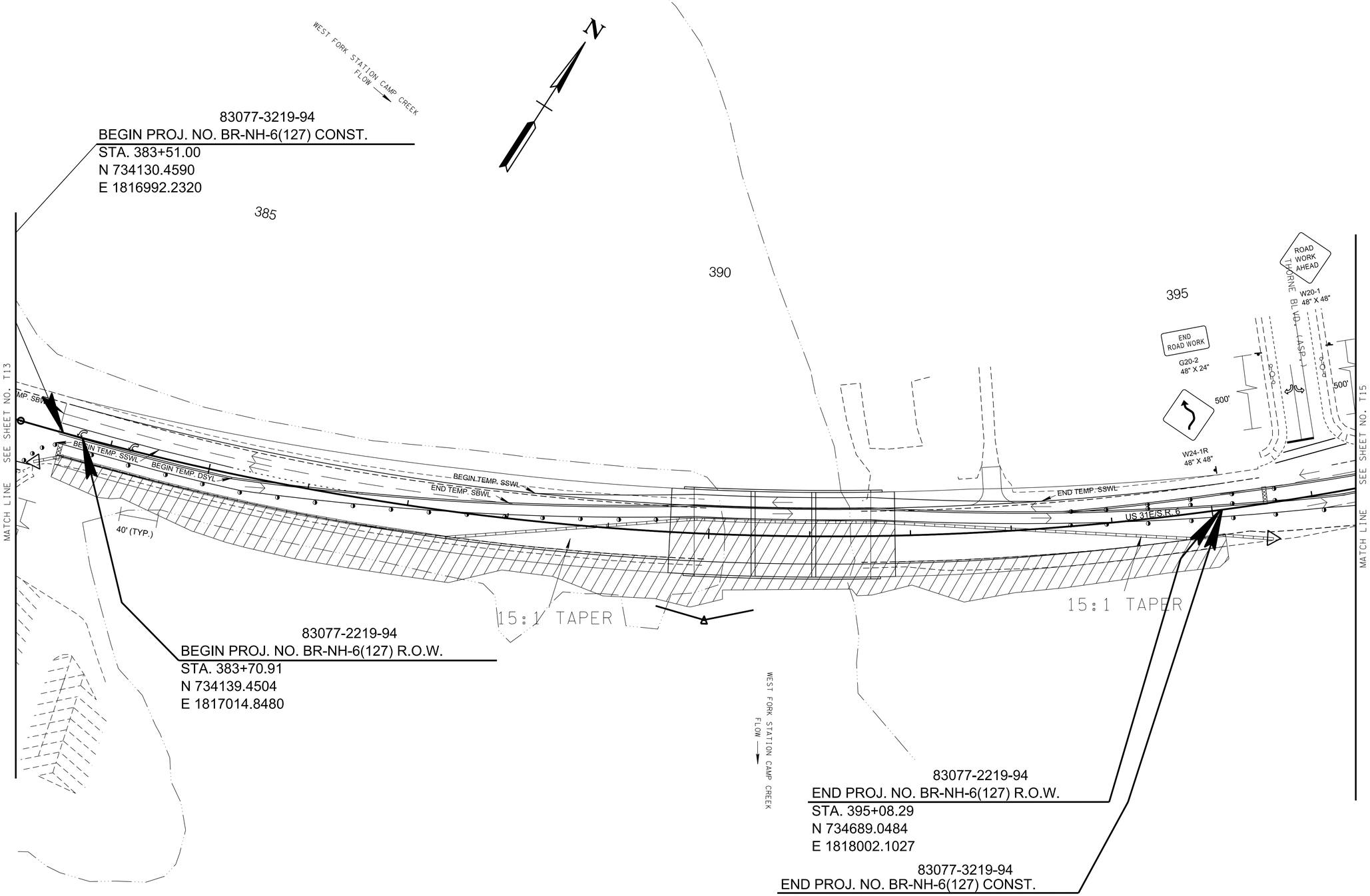
TRAFFIC CONTROL PLANS

PHASE 2

SCALE: 1"=50'

30-MAR-2026 14:10
\\TDOT03NAS002.tdot.state.tn.us\03Shared\SURVEY\DESIGN\SR6_Bridge over West Fork Station Camp Creek_124722.00\su006-07 T13.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T8
PS&E	2026	BR-NH-6(127)	T14



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AGRICULTURE
COMMERCE
NO. 0011.2927
STATE OF TENNESSEE

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

PHASE 2

SCALE: 1"=50'

30-MAR-2026 14:10
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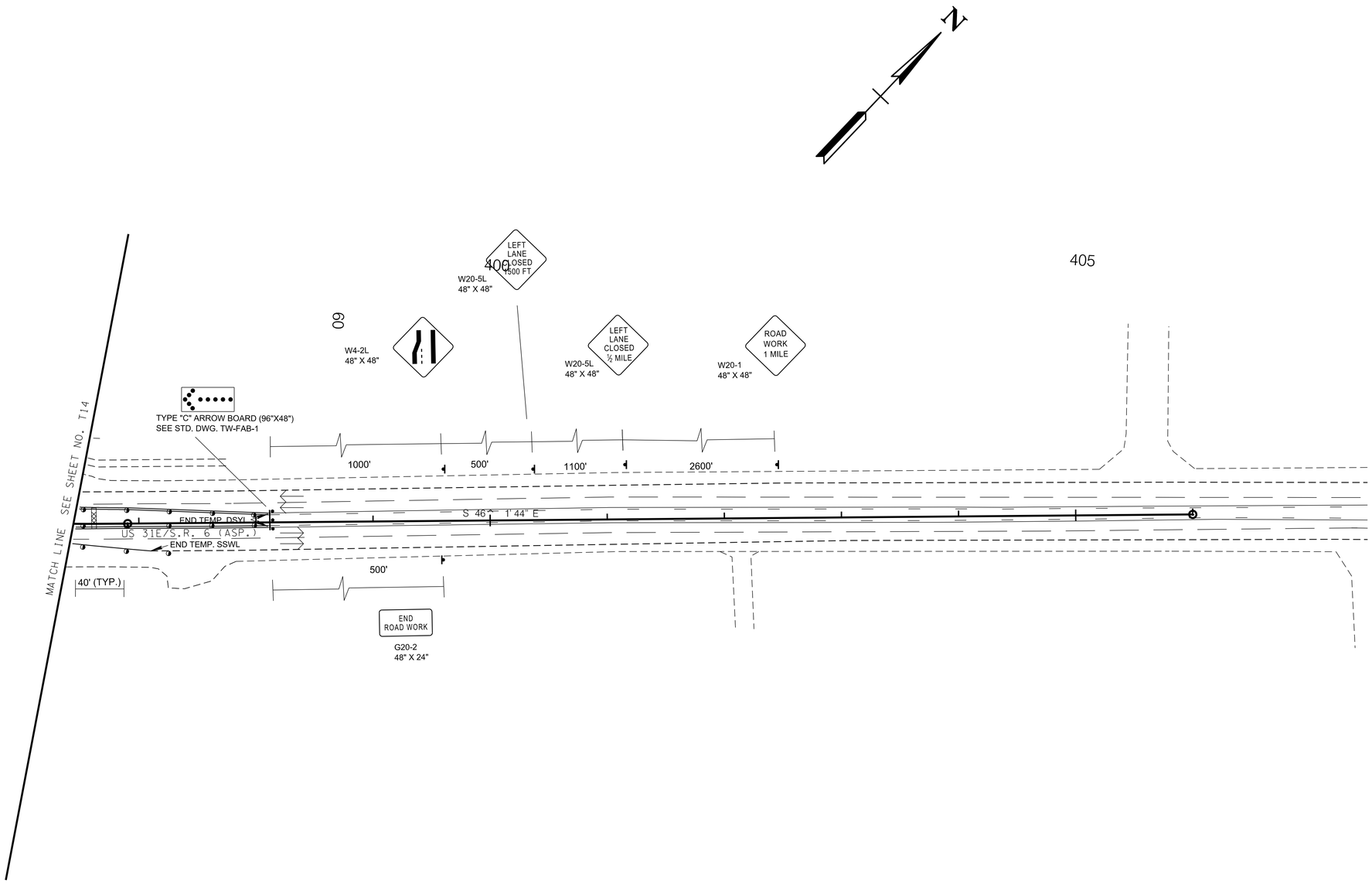
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	T9
PS&E	2026	BR-NH-6(127)	T15



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ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 0011.4267 STATE OF TENNESSEE

3/31/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

PHASE 2

SCALE: 1"=50'

30-MAR-2026 14:10
\\TDOT03NAS002.tdot.state.tn.us\03Shared\SURVEY\DESIGN\SR6_Bridge over West Fork Station Camp Creek_124722.00\su006-07 T15.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	16

R
Y
G

2, 4, 6

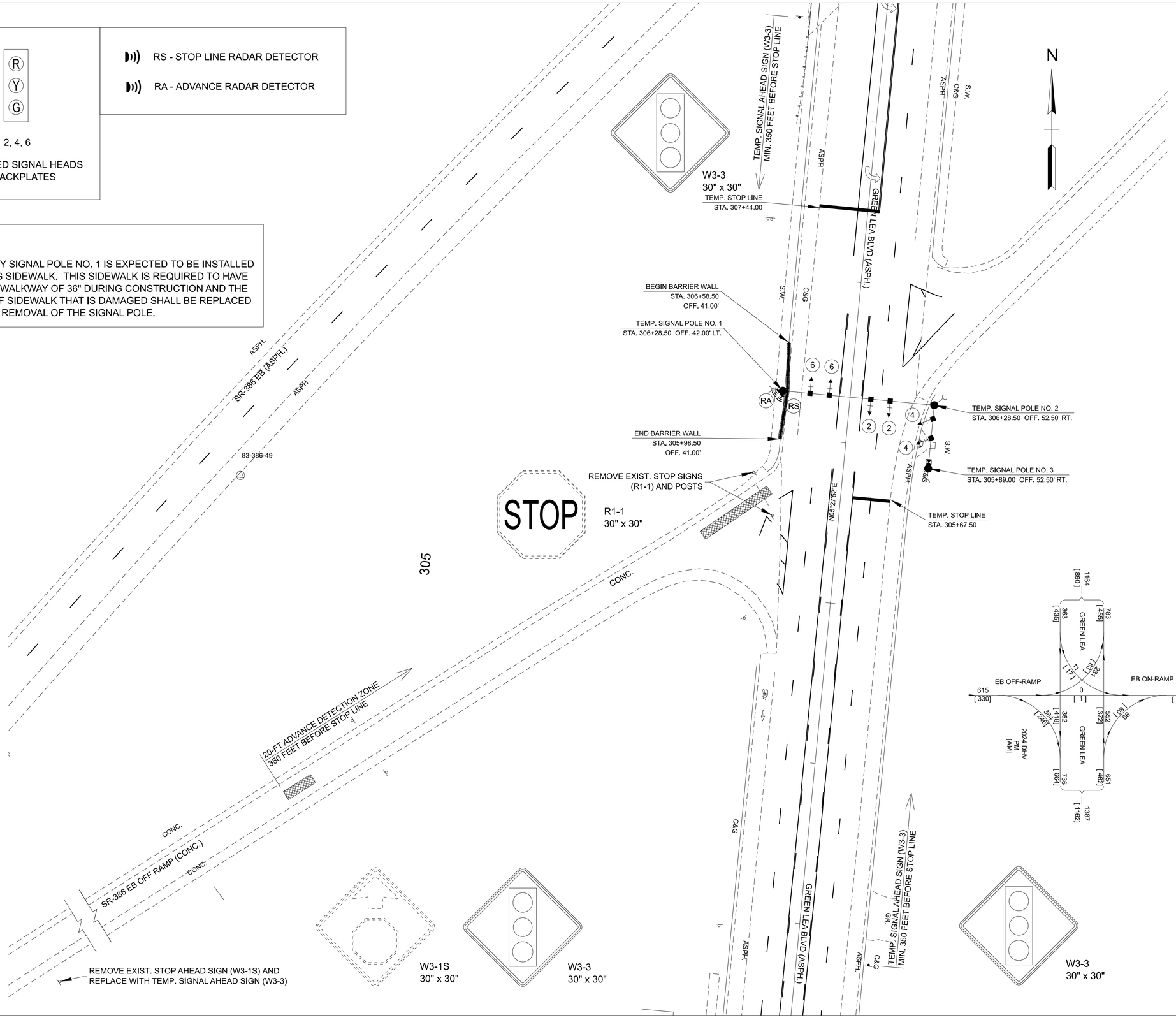
PROPOSED SIGNAL HEADS W/BACKPLATES

RS - STOP LINE RADAR DETECTOR

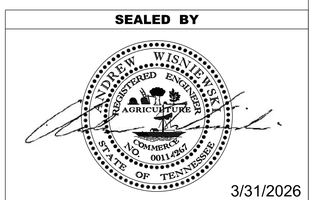
RA - ADVANCE RADAR DETECTOR

NOTE:

TEMPORARY SIGNAL POLE NO. 1 IS EXPECTED TO BE INSTALLED IN EXISTING SIDEWALK. THIS SIDEWALK IS REQUIRED TO HAVE A MINIMUM WALKWAY OF 36" DURING CONSTRUCTION AND THE SECTION OF SIDEWALK THAT IS DAMAGED SHALL BE REPLACED AFTER THE REMOVAL OF THE SIGNAL POLE.



SEALED BY



3/31/2026

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

INTERCHANGE @ SR-386 EB OFF-RAMP & GREEN LEA BLVD

SCALE: 1" = 30'

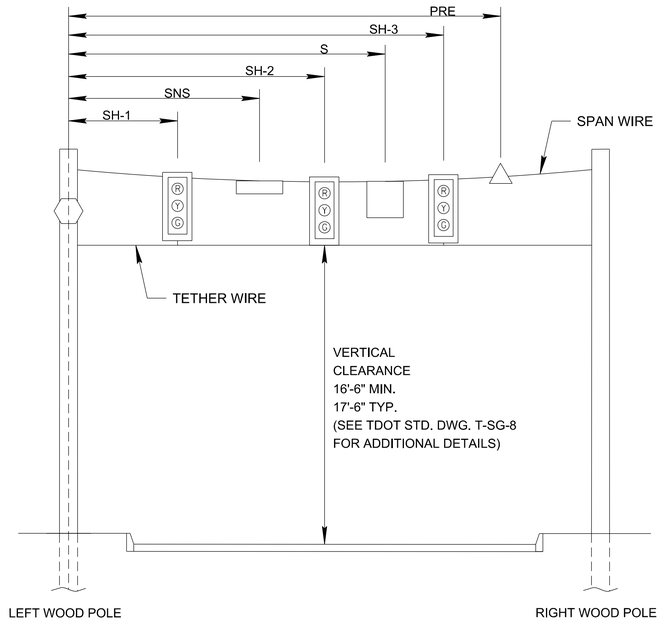
3/30/2026 1:54:20 PM
\\TDOT03NAS002.TDOT.STATE.TN.US\03SHAREDSURVEY\DESIGN\SR6_BRIDGE OVER WEST FORK STATION CAMP CREEK_124722.00\TRAFFIC\83S006-00-DES-TRAFFICCONTROL-SIGNALLAYOUT.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	17

SIGNAL SUPPORT POLE DATA AND SPAN DETAILS

POLE NO.	STATION	OFFSET	NORTHING	EASTING	SPAN (LT. TO RT.)	SPAN LENGTH	SH-1	SH-2	SH-3	SH-4	VD	VD	GROUND EL. @ POLE
SP-1	306+28.50	42.00' LT	744274.1649	1820663.2007	SP-1 TO SP-2	94.5'	17.0'	29.0'	55.0'	67.0'	0.0'	0.0'	528.32'
SP-2	306+28.50	52.50' RT	744265.1660	1820757.2712	SP-2 TO SP-3	39.5'	8.5'	20.5'					528.40'
SP-3	305+89.00	52.50' RT	744225.8455	1820753.5098									527.79'

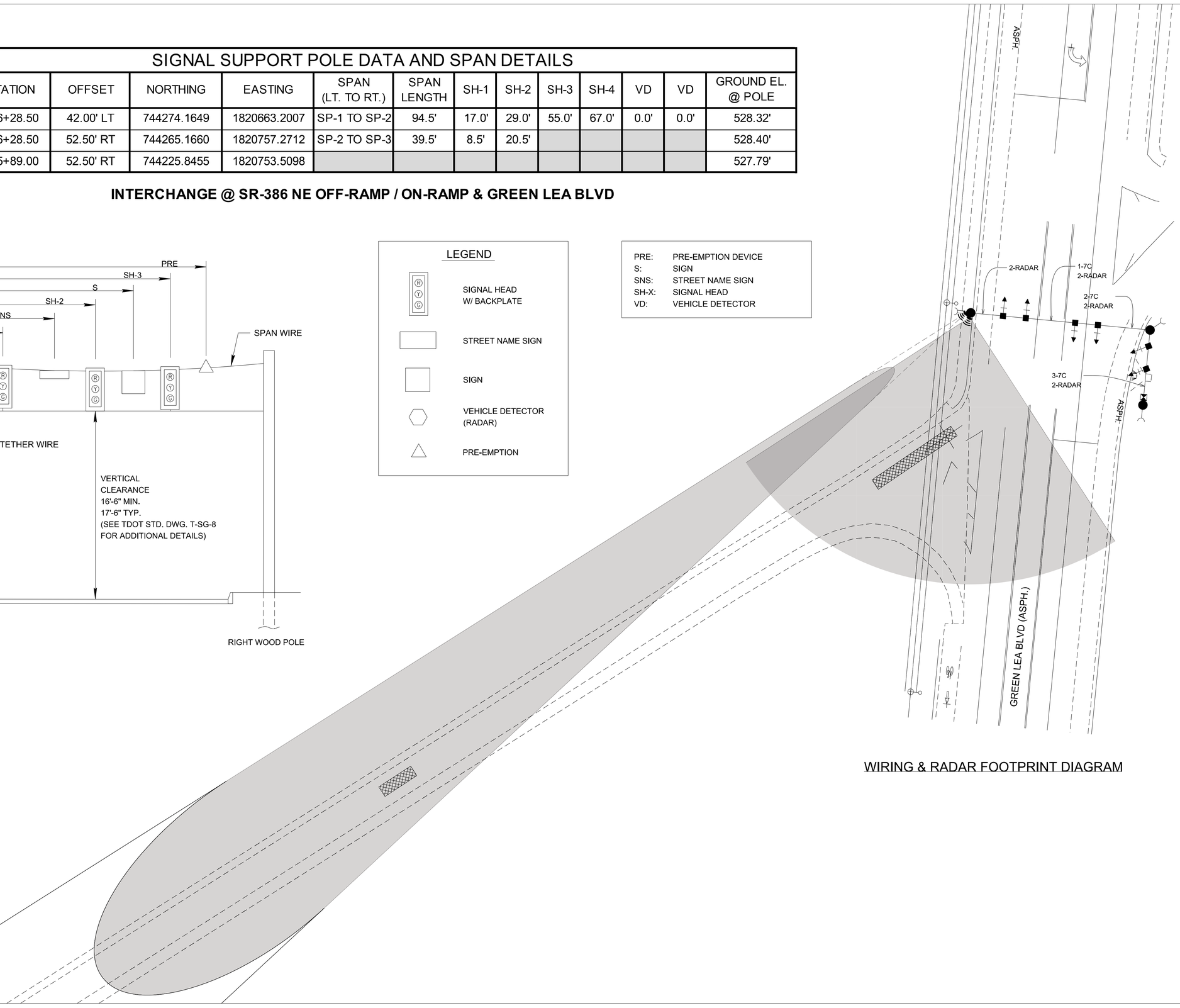
INTERCHANGE @ SR-386 NE OFF-RAMP / ON-RAMP & GREEN LEA BLVD



LEGEND

- SIGNAL HEAD W/ BACKPLATE
- STREET NAME SIGN
- SIGN
- VEHICLE DETECTOR (RADAR)
- PRE-EMPTION

PRE:	PRE-EMPTION DEVICE
S:	SIGN
SNS:	STREET NAME SIGN
SH-X:	SIGNAL HEAD
VD:	VEHICLE DETECTOR



WIRING & RADAR FOOTPRINT DIAGRAM

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3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

INTERCHANGE @ SR-386 EB OFF-RAMP
& GREEN LEA BLVD
NOT TO SCALE

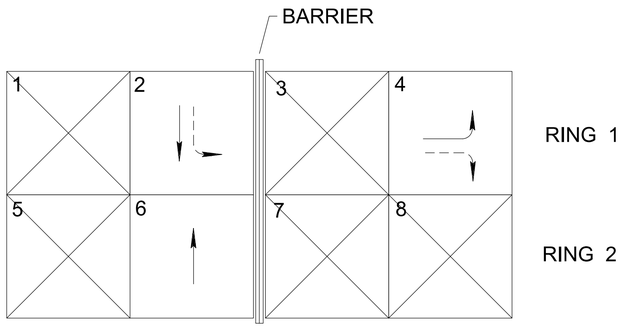
$$$$DATE$$$$$$$$$$TIME$$$$$$$
\\TDOT03NAS002.TDOT.STATE.TN.US\03SHARED\SURVEY\DESIGN\SR6_BRIDGE OVER WEST FORK STATION CAMP CREEK_124722.00\TRAFFIC\83S006-00-DES-TRAFFICCONTROL-SIGNALDETAILS.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	18

RADAR DETECTION TARGET ASSIGNMENTS

TARGET AREA #	VEHICLE DETECTION #	TARGET AREA (FT)	ASSOC. Ø	COMMENTS
4-1	RS	1 @ 50'	4	PRESENCE
4-2	RA	1 @ 20'	4	PRESENCE

INTERCHANGE @ SR-386 EB OFF-RAMP & GREEN LEA BLVD



NEMA EIGHT PHASE DESIGNATIONS

ACTIVE PHASE

INACTIVE PHASE (NOT USED)

PROTECTED PHASE

PERMISSIVE PHASE

- OPERATION IS DUAL ENTRY MODE, FULL SKIP CAPABILITY
- SINGLE DIRECTION
- ALL SIGNAL DISPLAYS AND CLEARANCES SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

BASIC OR SEMI - ACTUATED TIMING (SECS)

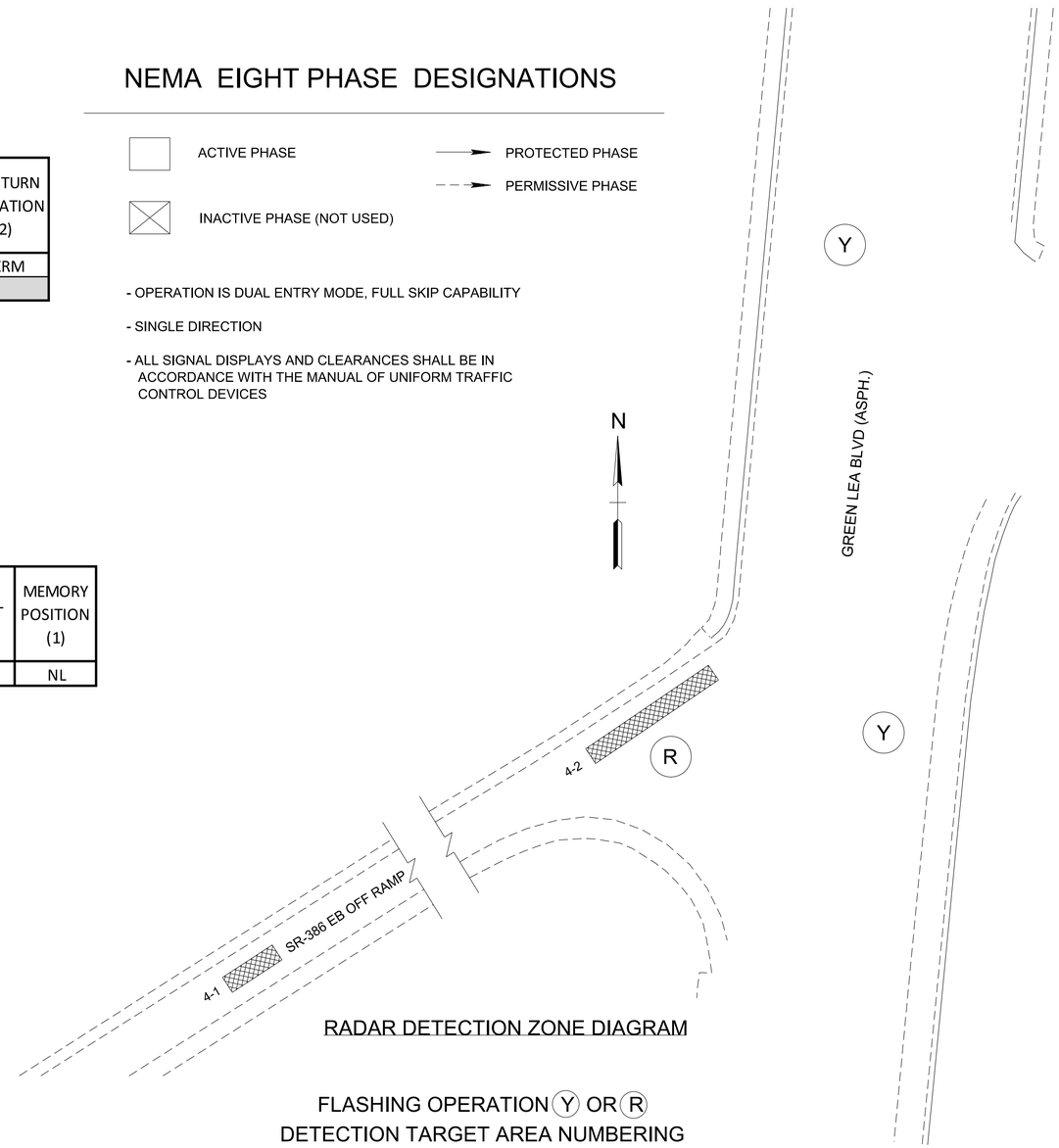
PHASE	INITIAL INTERVAL	VEHICLE INTERVAL	MAX I	MAX II	CLEARANCE		PEDESTRIAN		RECALL TO	MEMORY POSITION (1)	LEFT TURN OPERATION (2)
					YELLOW	ALL RED	WALK	FLASHING DON'T WALK			
2	10.0		25.0		5.0	1.0			MIN	NL	PERM
6	10.0		25.0		5.0	1.0			MIN	NL	

(1) NL = NONLOCK
L = LOCK

(2) PERM = PERMITTED
PROT = PROTECTED
P + P = PROT/PERM

VOLUME-DENSITY TIMING (SECS)

PHASE	INITIAL INTERVAL	ADDED INITIAL PER ACTUATION	PASSAGE TIME	MAX I	MAX II	CLEARANCE		PEDESTRIAN		RECALL TO	MEMORY POSITION (1)
						YELLOW	ALL RED	WALK	FLASHING DON'T WALK		
4	7.0	2.0	2.4	25.0		3.0	2.5			NONE	NL



RADAR DETECTION ZONE DIAGRAM

FLASHING OPERATION (Y) OR (R)
DETECTION TARGET AREA NUMBERING
& ASSOCIATED PHASE

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.1967
STATE OF TENNESSEE

3/31/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

INTERCHANGE @ SR-386 EB OFF-RAMP
& GREEN LEA BLVD
NOT TO SCALE

$$$$DATE$$$$$$$$$$TIME$$$$$$$
\\TDOT03NAS002.TDOT.STATE.TN.US\03SHARED\SURVEY\DESIGN\SR6_BRIDGE OVER WEST FORK STATION CAMP CREEK_124722.00\TRAFFIC\183S006-00-DES-TRAFFICCONTROL-SIGNALPHASING&TIMING.DGN

THIS DOCUMENT HAS BEGUN DIGITALLY SIGNED AND SEALED BY:

Scott Stepp 2026.02.11 09:06:29 -06'00'

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

TENNESSEE DEPARTMENT OF TRANSPORTATION
JAMES K. POLK BUILDING, SUITE 1100
505 DEADERICK STREET
NASHVILLE, TN 37243
SCOTT A. STEPP, P.E. NO. 111216

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	STRUCTURE-SIGN1
INDEX OF DRAWINGS	B-1/U-100-182
LAYOUT OF BRIDGE	U-100-183
GENERAL NOTES	U-100-184
ESTIMATED QUANTITIES	U-100-185
SUPERSTRUCTURE	U-100-187
SUPERSTRUCTURE DETAILS	U-100-187A
SUPERSTRUCTURE DETAILS	U-100-187B
SUPERSTRUCTURE DETAILS	U-100-188
SUPERSTRUCTURE DETAILS	U-100-189
SUPERSTRUCTURE DETAILS	U-100-190
BRIDGE SCREED	U-100-190A
PRESTRESSED BOX BEAM DETAILS (SPAN NOS. 1 & 3)	U-100-191
PRESTRESSED BOX BEAM DETAILS (SPAN NO. 2)	U-100-192
ABUTMENT NO. 1	U-100-193
ABUTMENT NO. 1 DETAILS	U-100-194
ABUTMENT NO. 1 DETAILS	U-100-195
ABUTMENT NO. 2	U-100-196
ABUTMENT NO. 2 DETAILS	U-100-197
ABUTMENT NO. 2 DETAILS	U-100-198
PIER NO. 1	U-100-199
PIER NO. 2	U-100-200
PIER NOS. 1 & 2 DETAILS	U-100-201
BILL OF STEEL	U-100-203

YEAR	PROJECT NO.	SHEET NO.
2026	BR-NH-6(127)	STRUCTURE-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	B-1

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
	- -		
	- -		
	- -		

LIST OF DRAWINGS

LIST OF DRAWINGS	DWG. NO.	LAST REV. DATE
SIGNATURE SHEET	STRUCTURE-SIGN1	
INDEX OF DRAWINGS	B-1/U-100-182	
LAYOUT OF BRIDGE	U-100-183	
GENERAL NOTES	U-100-184	
ESTIMATED QUANTITIES	U-100-185	
FOUNDATION DATA	U-100-186	
FOUNDATION DATA	U-100-186A	
SUPERSTRUCTURE	U-100-187	
SUPERSTRUCTURE DETAILS	U-100-187A	
SUPERSTRUCTURE DETAILS	U-100-187B	
SUPERSTRUCTURE DETAILS	U-100-188	
SUPERSTRUCTURE DETAILS	U-100-189	
SUPERSTRUCTURE DETAILS	U-100-190	
BRIDGE SCREED	U-100-190A	
PRESTRESSED BOX BEAM DETAILS (SPAN NOS. 1 & 3)	U-100-191	
PRESTRESSED BOX BEAM DETAILS (SPAN NO. 2)	U-100-192	
ABUTMENT NO. 1	U-100-193	
ABUTMENT NO. 1 DETAILS	U-100-194	
ABUTMENT NO. 1 DETAILS	U-100-195	
ABUTMENT NO. 2	U-100-196	
ABUTMENT NO. 2 DETAILS	U-100-197	
ABUTMENT NO. 2 DETAILS	U-100-198	
PIER NO. 1	U-100-199	
PIER NO. 2	U-100-200	
PIER NOS. 1 & 2 DETAILS	U-100-201	
FINAL FOUNDATION DATA	U-100-202	
BILL OF STEEL	U-100-203	

LIST OF STANDARD DRAWINGS

LIST OF STANDARD DRAWINGS	DWG. NO.	LAST REV. DATE
STEEL SLIDER PLATE ASSEMBLIES FOR CONCRETE PARAPET & BRIDGE DECK DRAIN DETAILS	STD-1-2SS	05-31-24
REINFORCED CONCRETE P.A.B.E.	STD-1-5	06-05-23
BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	STD-2-1	08-26-25
BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL ALTERNATE CONNECTION DETAIL	STD-2-3	08-26-25
STANDARD PILE DETAILS	STD-5-1	
STANDARD SEISMIC DETAILS	STD-6-1	12-08-23
STANDARD REINFORCEMENT BAR SUPPORT DETAILS FOR CONCRETE SLABS	STD-9-1	10-07-08
MISCELLANEOUS ABUTMENT & DRAINAGE DETAILS	STD-10-1	06-05-23
MISCELLANEOUS ABUTMENT & P.A.B.E. BACKFILL DETAILS	STD-10-2	06-05-23
BRIDGE RAILING CONCRETE PARAPET WITH STRUCTURAL TUBING	STD-11-1	04-15-20
STANDARD DETAILS FOR PRESTRESSED BOX BEAMS	STD-14-3	03-06-24

LIST OF SPECIAL PROVISIONS

LIST OF SPECIAL PROVISIONS	PROV. NO.	LAST REV. DATE
REGARDING REMOVAL OF ASBESTOS CONTAINING MATERIAL (ACM)	202ACM	07-07-14
REGARDING REPAIR OF BRIDGE DECK CRACKS	604CR	02-08-21
REGARDING DRILLED SHAFTS	625	09-01-21

LIST OF EXISTING BRIDGE DRAWINGS

B-12-1 THROUGH B-12-7 (ORIGINAL BRIDGE)
E-14-59 THROUGH E-14-64 (WIDENED BRIDGE)

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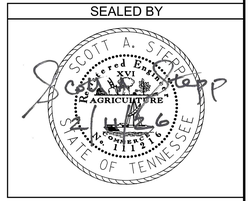

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: D. EASTERLY DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

2/5/2026 8:54:33 AM

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-182

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

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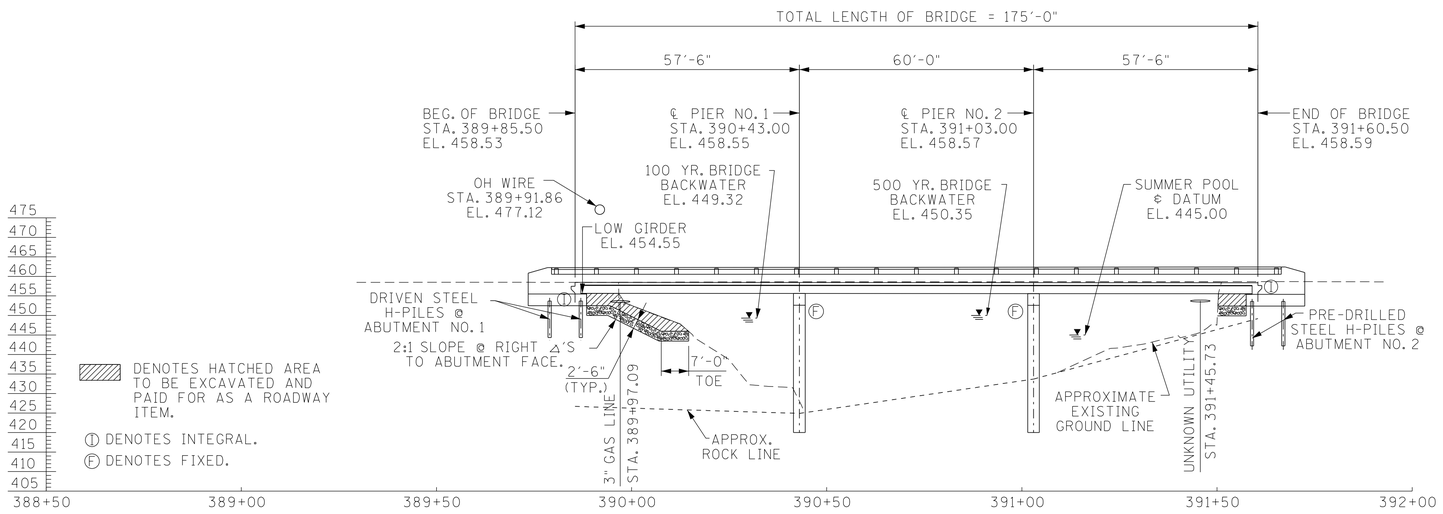

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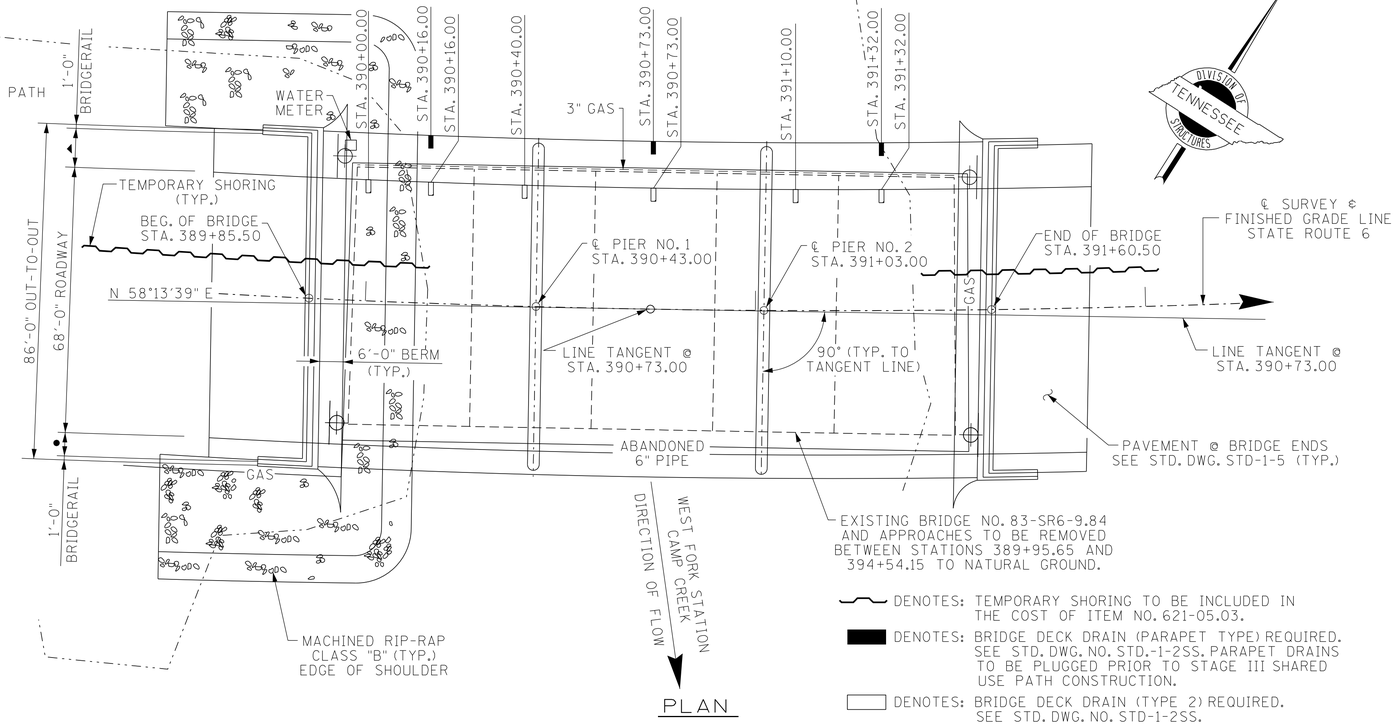
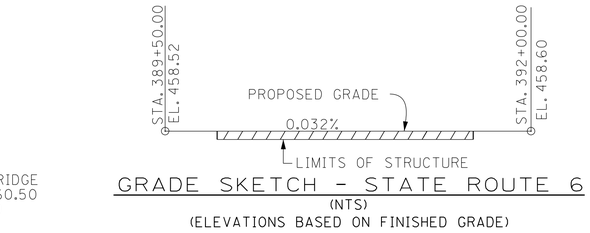


PLAN



GRADE SKETCH - STATE ROUTE 6

(NTS)

(ELEVATIONS BASED ON FINISHED GRADE)

DIVISION OF STRUCTURES TENNESSEE

CURVE DATA

S.R. 6
CURVE SC1
PI 390+12.67
N 734,320.6126
E 1,817,630.5066
Δ 27° 39' 42" (LT)
D 2° 00' 00"
R 2,864.79
L 1,383.08
T 705.29
SE 0.028 FT/FT
DESIGN SPEED 50 MPH
TRANS. LENGTH 180'

PC 383+07.37
PT 396+90.45

HYDRAULIC DATA

DRAINAGE AREA = 43.27 MI.²
DESIGN DISCHARGE (100 YR.) = 14,100 CFS
WATER AREA PROVIDED BELOW EL. 449.32 = 2,437.20 FT²
100 YR. VELOCITY = 8.12 FPS
100 YR. BRIDGE BACKWATER = 0.91 FT. @ EL. 449.32
ROADWAY OVERTOPPING EL. = 457.31 FT.
100 YR. DISCHARGE = 14,100 FT. @ 449.32
500 YR. DISCHARGE = 18,800 CFS @ EL. 450.35

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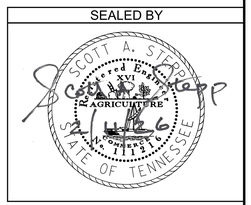


NOTE:

ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G. PIER/BENT FOOTING, RIP-RAP PLACEMENT, 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).

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: A. HUNTER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT OF BRIDGE
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-183

ENGINEER OF STRUCTURES

12/9/2025 10:41:49 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
	- -		
	- -		
	- -		

GENERAL NOTES

CONSTRUCTION SPECIFICATIONS: TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (APRIL 1, 2026 EDITICN).

DESIGN SPECIFICATIONS: 9TH EDITION (2020) AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS AND THE 2ND EDITION (2011) AASHTO GUIDE SPECIFICATIONS FOR LRFD SEISMIC BRIDGE DESIGN WITH INTERIMS.

LOADING:

A. HL-93 LIVE LOADING
B. SEISMIC DESIGN CATEGORY A WITH A_S= .083 , S_{DS}= .201, S_{D1}=.077, (1000 YEAR RETURN PERIOD).
C. DEAD LOAD INCLUDES 35 LB/SQ. FT. FOR FUTURE WEARING SURFACE.

CONCRETE: TO BE CLASS A (CAST-IN-PLACE) F'C = 3000 PSI EXCEPT AS NOTED OTHERWISE.

BRIDGE DECKS: CLASS DS CONCRETE FOR BRIDGE DECKS SHALL BE IN ACCORDANCE WITH SECTION 604 OF THE STANDARD SPECIFICATIONS.

BRIDGE DECK SURFACE FINISH: TO BE IN ACCORDANCE WITH METHOD 3 IN ARTICLE 604.22 OF THE STANDARD SPECIFICATIONS.

BRIDGE DECK FORMS: BRIDGE DECK FORMS FOR CONCRETE DECKS SHALL BE CONSTRUCTED USING EITHER REMOVABLE FORMS OR PERMANENT FORMS. PERMANENT FORMS SHALL BE REMAIN-IN-PLACE STEEL. FORMS SHALL BE ATTACHED BY MEANS OTHER THAN WELDING TO MAIN STRUCTURAL MEMBERS OR REINFORCING STEEL. TEMPORARY ERECTION DIAPHRAGMS MUST BE USED AT THE ENDS OF PRECAST CONCRETE GIRDERS WHERE END DIAPHRAGMS, SUPPORT DIAPHRAGMS, OR ABUTMENT ENDWALLS ARE TO BE POURED CONCURRENTLY WITH THE DECK AND SHALL BE PROVIDED ELSEWHERE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS TO PREVENT GIRDER ROTATION. SEE STANDARD DRAWING STD-14-3 AND ARTICLE 604.05 OF THE STANDARD SPECIFICATIONS.

REINFORCING STEEL: SHALL BE ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. SEE SECTIONS 604 AND 907 OF THE STANDARD SPECIFICATIONS.

ABUTMENTS ON FILL: THE FILLS AT THE ENDS OF THE BRIDGE SHALL BE IN PLACE AND THOROUGHLY COMPACTED BEFORE ANY ABUTMENT PILES ARE DRIVEN, OR ANY HOLES FOR PILES ARE PRE-DRILLED.

END-BEARING STEEL PILES AT ABUTMENT: TO BE HP10X42 DRIVEN TO REFUSAL ON ROCK OR A MINIMUM BEARING OF 76 TONS FOR THE ABUTMENTS. ALL PILES SHALL BE ASTM A709 GRADE 50 STEEL

PILE TIPS: PILES TO BE DRIVEN SHALL BE EQUIPPED WITH CAST STEEL POINTS. ALSO, SEE STANDARD DRAWING STD-5-1 FOR ADDITIONAL NOTES.

STREAM CHANNEL: ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G. PIER/BENT FOOTING, RIP-RAP PLACEMENT, 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 TEMPORARY DIVERSION CHANNELS (EC-STR-31).

DRILLED SHAFTS: SEE SPECIAL PROVISION 625 REGARDING DRILLED SHAFT SPECIFICATIONS.

UTILITIES: IT IS INTENDED THAT THE COST OF MATERIALS AND LABOR NECESSARY FOR THE COMPLETE INSTALLATION OF UTILITIES SHALL BE BORNE BY OTHERS AND SHALL NOT BE PAID FOR AS A PART OF THIS CONTRACT. THE CONTRACTOR SHALL COOPERATE WITH OTHERS IN THE INSTALLATION OF UTILITIES WITH NO ADDITIONAL COMPENSATION ALLOWED THE CONTRACTOR AS A RESULT.

SHOP DRAWINGS: SEE SECTION 105.02 OF THE STANDARD SPECIFICATIONS.

PARAPET SYSTEM: BUILD PARAPETS ACCORDING TO STANDARD DRAWING STD-11-1. THE PARAPETS SHALL BE FORMED AND CAST PLUMB, NOT PERPENDICULAR TO THE SLAB. THE DIMENSIONS AT THE TRAFFIC FACE SHALL BE KEPT CONSTANT, WITH VARIATION DUE TO CROSS-SLOPE ACCOMMODATED AT THE REAR FACE.

RIP-RAP: MACHINED RIP-RAP SHALL BE CLASS "B" IN ACCORDANCE WITH SECTION 709 OF THE STANDARD SPECIFICATIONS AND SHALL BE MEASURED AND PAID FOR UNDER ROADWAY ITEM NO. 709-05.08

VALUE ENGINEERING ALTERNATE BRIDGE DESIGN CRITERIA: ALTERNATE BRIDGE DESIGN PROPOSALS MAY NOT DIMINISH THE FUNCTIONAL OR STRUCTURAL EQUIVALENCY OF THE BRIDGE AND MUST MEET OR EXCEED THE CAPACITIES OF THE CONTRACT PLANS STRUCTURE AT ALL LIMIT STATES IN AASHTO TABLE 3.4.1-1. ADDITIONALLY, THE WATERWAY OPENING AND FLOOD CLEARANCES MAY NOT BE REDUCED. FOR GRADE SEPARATIONS, THE HORIZONTAL CLEARANCES MAY NOT BE REDUCED, NOR MAY THE VERTICAL CLEARANCES BE LESS THAN THE MINIMUM ACCEPTABLE FOR THE TYPE FACILITY CROSSED.

REQUIREMENTS AND RESTRICTIONS FOR PHASE CONSTRUCTION

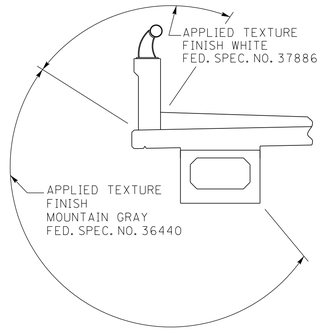
A. THE PHASE CONSTRUCTION SEQUENCE MAY PROHIBIT THE EXTRACTION OF SOME SHEET PILING. ALL COSTS ASSOCIATED WITH SHEET PILING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE TEMPORARY SHORING ITEM.

B. THE LOCATION OF LONGITUDINAL CONSTRUCTION JOINTS SHALL NOT BE CHANGED TO ACCOMMODATE STAY-IN-PLACE DECK FORMS.

C. NO SHEET PILES OR BEARING PILES MAY BE DRIVEN FROM THE EXISTING OR PROPOSED STRUCTURE.

D. TWO (2) -11'-0" TRAFFIC LANES SHALL BE MAINTAINED AT ALL TIMES.

FINISHING CONCRETE SURFACES: CONCRETE FINISHING SHALL BE IN ACCORDANCE WITH SECTION 604.21 OF THE STANDARD SPECIFICATIONS. A CLASS I FINISH FOLLOWED BY AN APPLIED TEXTURE FINISH SHALL BE USED IN LIEU OF A CLASS II FINISH. NO TEXTURE FINISH SHALL BE APPLIED PRIOR TO COMPLETION OF PAVING AND HAULING OPERATIONS AT THE BRIDGE SITE. THE APPLIED TEXTURE FINISH SHALL BE MEASURED AND PAID FOR UNDER ITEM NO. 604-04.01.



APPLIED TEXTURE FINISH SKETCH

NOTE: IN ADDITION TO THE SURFACES SHOWN IN THE APPLIED TEXTURE FINISH SKETCH, ALL EXPOSED SURFACES OF THE WINGWALLS, ABUTMENT BEAM, PIERS AND EXTERIOR PORTIONS OF THE ENDWALLS SHALL RECEIVE AN APPLIED TEXTURE FINISH (GRAY, AMS-STD-595A, COLOR NO. 36440).

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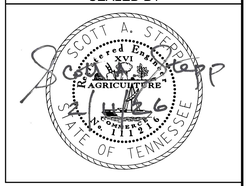

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-184

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DRAWN BY: P. MOSHER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
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CONST. NO.: 83077-3219-94

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NO.	DATE	BY	BRIEF DESCRIPTION
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ESTIMATED QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	TOTAL	SUPERSTRUCTURE	ABUTMENT NO. 1	PIER NO. 1	PIER NO. 2	ABUTMENT NO. 2
(1)	202-01.06	REMOVAL OF ASBESTOS (EXIST. BRIDGE NO. 83-SR6-9.84)	L.S.	1					
(3)	202-04.02	REMOVAL OF STRUCTURES (EXIST. BRIDGE NO. 83-SR6-9.84)	L.S.	1					
(4)	204-02.01	DRY EXCAVATION	C.Y.	280		140			140
(13)	204-05.01	CORE DRILLING AND SAMPLING	L.F.	303			164	139	
(19)	204-14	CORE DRILLING FOR PILES (ROCK)	L.F.	91					91
(19)	204-15	CORE DRILLING FOR PILES (SOIL)	L.F.	49					49
(9)	303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	84		42			42
	604-02.03	EPOXY COATED REINFORCING STEEL	LB.	117,765	111,819	2,973			2,973
(8)	604-03.01	CLASS A CONCRETE (BRIDGES)	C.Y.	316	84	57	59	59	57
	604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	LB.	38,184	1,693	5,795	12,445	12,456	5,795
(2)	604-03.04	PAVEMENT @ BRIDGE ENDS	S.Y.	448					
	604-03.32	CLASS DS CONCRETE	C.Y.	440	440				
	604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	S.Y.	889	535	39	138	138	39
	604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	S.Y.	1,685					
	606-02.03	STEEL PILES (10 INCH)	L.F.	691		537			154
(10)	606-02.06	PILE TIPS (STEEL PILES, 10 INCH)	EA.	14		14			
	610-10.45	DECK DRAINS (GRATE INLET-TYPE 2)	EA.	6					
(6)	615-02.19	PRESTRESSED CONCRETE BOX BEAM (24" X 36")	L.F.	1,690					
(11)	617-02	BRIDGE DECK CRACK SEALING	L.F.	223					
	617-05	SEALANT (HMWM)	GAL.	2					
(18)	620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING (STD-11-1)	L.F.	398					
(20)	621-05.03	TEMPORARY SHORING	L.S.	1					
(15)	625-01.11	CAMERA INSPECTION - DRILLED SHAFT (UNDERWATER)	EA.	8			4	4	
(12) (14)	625-02.01	DRILLED SHAFT-SOIL (4'-0" DIA.)	V.F.	10			10		
(12) (14)	625-02.13	DRILLED SHAFT-ROCK (3'-6" DIA./4'-0" DIA.)	V.F.	132			73	59	
(17)	625-02.25	DRILLED SHAFT CASING-PERMANENT (4'-0" INSIDE DIAMETER)	V.F.	210			117	93	
(16)	625-02.40	DRILLED SHAFT (SH-SCC) CONCRETE	C.Y.	112			62	50	
	625-02.44	DRILLED SHAFT REINFORCING STEEL	LB.	25,015			13,482	11,533	
(7)	710-09.01	6" PERF. PIPE WITH VERTICAL DRAIN SYSTEM	L.F.	200		100			100
	710-09.02	6" PIPE UNDERDRAIN	L.F.	38		19			19
(21)	712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	446					
(22)	717-01.15	MOBILIZATION (WATER WORK)	L.S.	1					

ESTIMATED ELEVATIONS FOR DRILLED SHAFTS

DESCRIPTION	PIER NO. 1	PIER NO. 2
TOP OF DRILLED SHAFT	446.00	446.00
EXISTING GROUND	432.60	432.60
TOP OF WEATHERED ROCK	430.10	432.60
TOP OF SOUND ROCK	416.80	422.90
BOTTOM OF ROCK SOCKET	411.80	417.90
BOTTOM OF CORE	391.80	397.90
DISTANCE FROM GROUND TO BOTTOM OF CORE	40'-9½"	34'-8½"

FOOTNOTES

(1) **NOTE:** THE FOLLOWING ASBESTOS CONTAINING MATERIAL ELEMENTS WERE DETERMINED TO BE LOCATED ON THE EXISTING BRIDGE: APPROXIMATELY 300 LF OF ASBESTOS IS LOCATED IN THE WRAP ON THE GAS LINE ATTACHED TO THE NORTH SIDE OF THE BRIDGE AT 25% CHRYSOTILE. SEE SPECIAL PROVISION NO. 202ACM.

(2) **NOTE:** PRIOR TO CONSTRUCTION OF THE PAVEMENT AT BRIDGE ENDS, THE CONTRACTOR SHALL SUBMIT A PROPOSED BILL OF STEEL TO THE ENGINEER FOR APPROVAL.

(3) **NOTE:** EXISTING BRIDGE NO. 83-SR6-9.84 AND APPROACHES TO BE REMOVED BETWEEN STATIONS 389+95.65 AND 391+54.15 TO NATURAL GROUND. EXISTING 157'-0" (LENGTH), OUT-TO-OUT 68'-0". INCLUDES ALL COSTS OF LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO REMOVE AND DISPOSE OF THE EXISTING STRUCTURE DOWN TO THE BOTTOM OF STREAM, INCLUDING COFFERDAMS, TURBIDITY CURTAINS OR ANY OTHER DEVICES NECESSARY TO PREVENT CONSTRUCTION DEBRIS FROM LEAVING THE WORK AREA.

(4) **NOTE:** EXCAVATION BASED ON FINAL PROFILE AT ABUTMENTS.

(5) **NOTE:** THE COST OF BITUMINOUS-FIBERBOARD AND ALL MISCELLANEOUS JOINT MATERIAL TO BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.

(6) **NOTE:** COST OF ELASTOMERIC PADS AND RUBBER BONDING CEMENT TO BE INCLUDED IN THE UNIT PRICE BID FOR THE PRESTRESSED BEAM.

(7) **NOTE:** COST OF POLYETHYLENE SHEETING AND ALL MISCELLANEOUS ITEMS NECESSARY FOR INSTALLATION TO BE INCLUDED IN THE UNIT PRICE BID FOR PERFORATED PIPE.

(8) **NOTE:** THE COST OF ALL MATERIALS AND LABOR NECESSARY FOR THE INSTALLATION OF 60 ANCHOR BOLT ASSEMBLIES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CLASS A CONCRETE (BRIDGES), ITEM NO. 604-03.01.

(9) **NOTE:** GRANULAR BACKFILL SHALL BE TYPE "A" GRADING "D" MATERIAL. SEE STANDARD DRAWING STD-10-1.

(10) **NOTE:** THE UNIT PRICE BID FOR THE CAST STEEL POINTS SHALL INCLUDE FURNISHING AND INSTALLATION TO THE PILES.

(11) **NOTE:** INCLUDES ALL COSTS FOR INSTALLING THE BRIDGE DECK CRACK SEALER (HMWM) INCLUDING CRACK PREPARATION, CLEANING, LABOR, AND ALL MISCELLANEOUS MATERIALS REQUIRED TO SEAL THE LONGITUDINAL CONSTRUCTION JOINT ACCORDING TO SPECIAL PROVISION 604CR AND MANUFACTURERS' SPECIFICATIONS. CRACK SEALING SHALL BE DONE AT THE END OF CONSTRUCTION TO ALLOW SHRINKAGE OF DECK CONCRETE CAUSING THE CRACK TO OCCUR.

(12) **NOTE:** THE COST OF THE FOLLOWING ITEMS IS TO BE INCLUDED IN THE UNIT PRICE BID FOR ITEM NOS. 625-02.01 AND 625-02.13:

- A. DRILLING THE SHAFT
- B. CLEANING AND INSPECTING THE SHAFT
- C. INSTALLATION OF ALL CASING AND/OR SLURRY, IF USED. NO PAYMENT WILL BE MADE FOR TEMPORARY CASING WHICH CANNOT BE REMOVED.
- D. INSTALLATION OF 1.5" DIAMETER PIPES IN SHAFTS FOR CSL TESTING. 4 CSL TUBES ARE REQUIRED PER SHAFT AT PIER NOS. 1 AND 2.

(13) **NOTE:** SEE ARTICLE 625.31 OF THE SPECIAL PROVISION. THE INTENT IS FOR THE CORE DRILLING AND SAMPLING TO BE PERFORMED PRIOR TO SHAFT DRILLING. SUBJECT TO THE APPROVAL FROM THE GEOTECHNICAL ENGINEER, THESE CORES ARE TO BE USED TO PRE-DETERMINE ACCEPTABLE SHAFT TIP ELEVATIONS. CORES SHALL EXTEND 20 FEET BELOW ESTIMATED TIP ELEVATIONS SHOWN ON THE PLANS. 1 CORE IS REQUIRED PER SHAFT.

(14) **NOTE:** CSL TESTING WITH THE ADDITION OF 3D TOMOGRAPHY SHALL BE PERFORMED ON ALL SHAFTS. THE CSL TESTING FIRM MUST BE PRESENT FOR ALL SHAFT POURS.

(15) **NOTE:** THE INTENT OF THE CAMERA INSPECTION IS TO VERIFY THAT THE SHAFT TIP AND SIDE WALLS OF THE SOCKET ARE CLEAN AND INTACT.

(16) **NOTE:** DRILLED SHAFT CONCRETE SHALL BE CLASS SH-SCC.

(17) **NOTE:** THE CONTRACTOR SHALL USE PERMANENT CASING. THE STRUCTURAL CAPACITY OF THE CASING IS NOT INCLUDED INTO THE DESIGN.

(18) **NOTE:** COST OF 3 BRIDGE PARAPET DRAINS TO BE INCLUDED IN THE UNIT PRICE BID FOR THE PARAPET. ***THESE PARAPET DRAINS SHALL BE PLUGGED PRIOR TO STAGE III SHARED USE PATH CONSTRUCTION. ALL COSTS ASSOCIATED WITH COMPLETING THIS TASK TO BE INCLUDED IN THE PARAPET ITEM.

(19) **NOTE:** DIAMETER OF CORE DRILLING FOR PILES SHALL BE 1'-6" FOR SOIL AND ROCK.

(20) **NOTE:** COST OF ALL SHORING REQUIRED BETWEEN EXISTING BRIDGE AND NEW CONSTRUCTION AT THE ABUTMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID OF ITEM 621-05.03. APPROXIMATELY 350 SQUARE FEET WILL NEED TO BE RETAINED. ALSO INCLUDED IN THIS ITEM IS THE SHORING REQUIRED TO STABILIZE THE EXISTING SPILL-THRU ABUTMENT NO. 1 PRIOR TO PHASE I DEMOLITION. SEE PHASING PLAN DWG. NO. U-100-187A FOR LOCATION TO BE STABILIZED.

(21) INCLUDES THE STAND ALONE AND STIFFENED BARRIER RAIL USED DURING ALL PHASES OF BRIDGE CONSTRUCTION. THIS INCLUDES UP TO TWO RUNS OF BARRIER RAIL PER PHASE. ALL COSTS OF LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO STIFFEN THE BARRIER SHALL BE INCLUDED IN THE UNIT PRICE BID OF ITEM 712-02.47. SEE DWG. NOS. U-100-187A & U-100-187B FOR BARRIER RAIL TYPE AND LOCATION PER PHASE. SEE TDOT STD. DWG. NOS. STD-2-1 AND STD-2-3 FOR ADDITIONAL DETAILS.

(22) ALL COSTS ASSOCIATED WITH MOBILIZATION, UTILIZATION, AND DEMOBILIZATION OF BARGES, TUGS, SPUDS, DOCKS, AND ALL OTHER INCIDENTALS TO WORK ON THE WATER SHALL BE UNCLUDED IN THE UNIT PRICE BID FOR MOBILIZATION (WATER WORK).

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
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CHECKED BY: B. BARTROM DATE: 01/24

2/5/2026 9:11:19 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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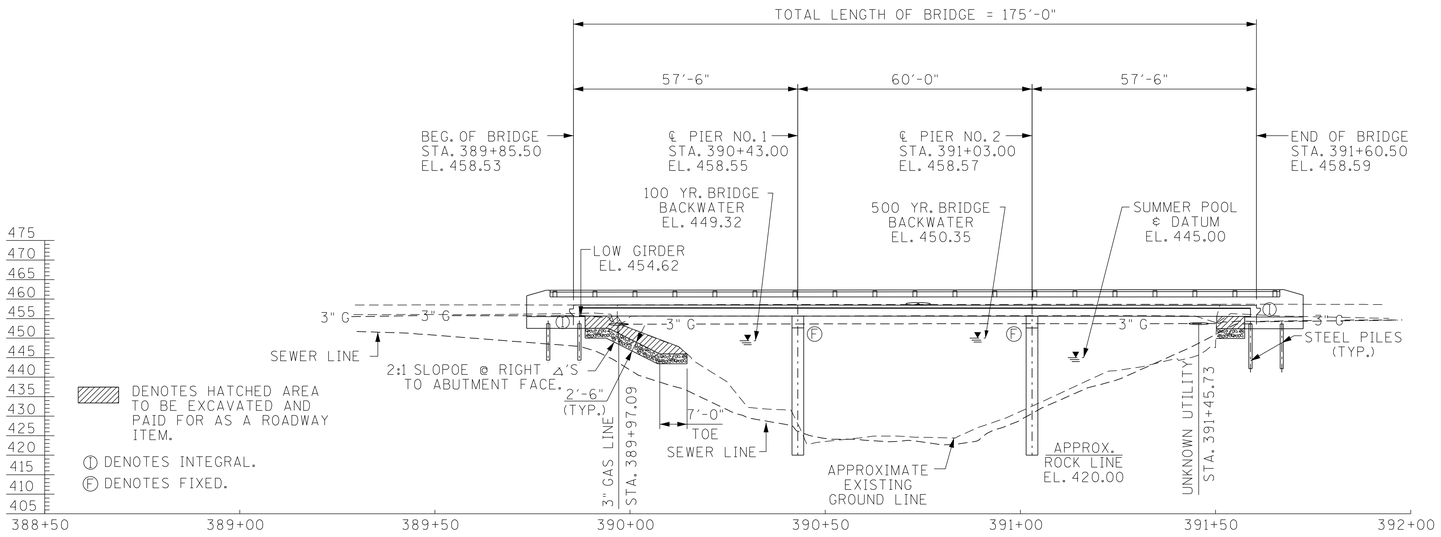
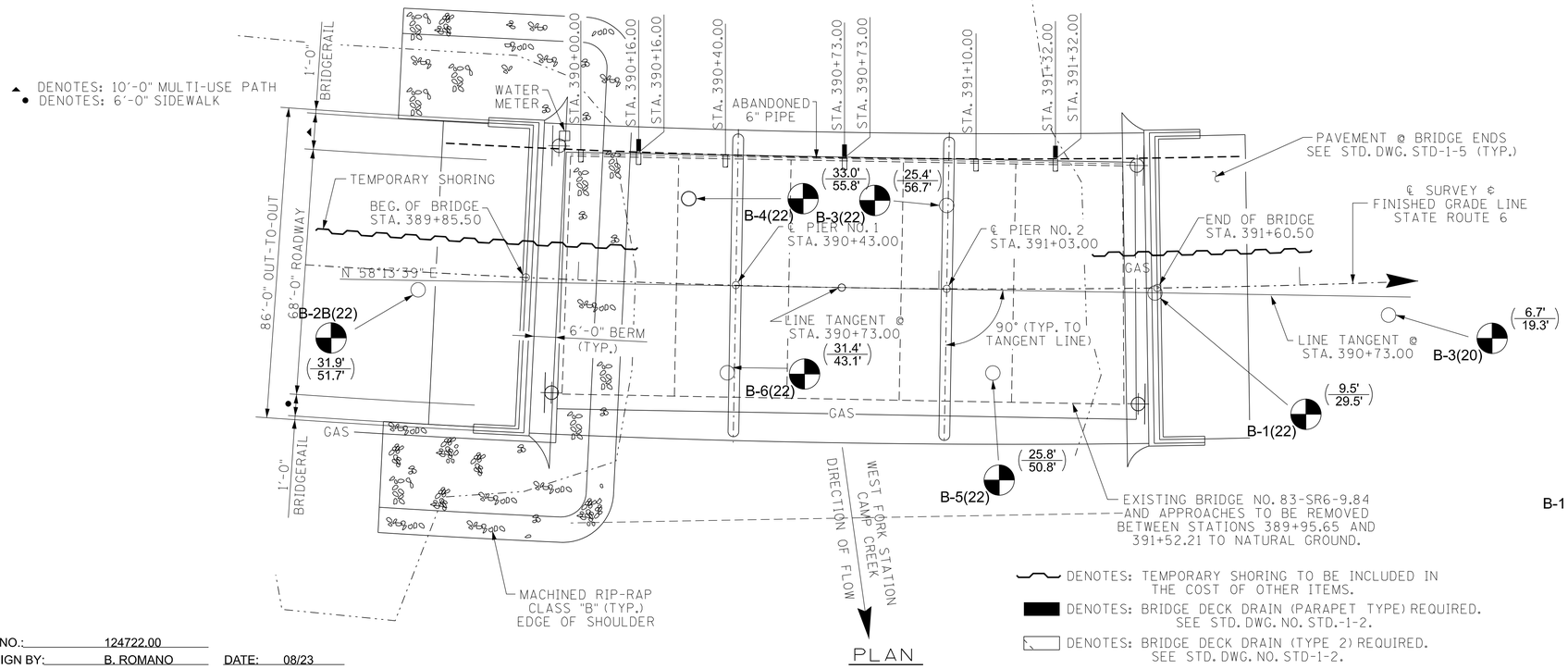


ELEVATION

CONTROL POINTS

S25	S26
STA. 382+24.85	STA. 392+25.97
44.76' RIGHT ℄ SURVEY	36.92' RIGHT ℄ SURVEY
N 734,054.4661	N 734,486.3402
E 1,816,887.6565	E 1,817,799.7687
ELEV. 456.1870	ELEV. 459.1640



PLAN

B-1(20) (1.1' / 19.5')
B-2(20) (20.0')
B-4(20) (3.5' / 19.5')

NOTE: BORINGS B-1(20), B-2(20) AND B-4(20) ARE NOT IN CLOSE PROXIMITY TO THE BRIDGE. THEY ARE NOT SHOWN IN THE PLAN VIEW.

DENOTES: TEMPORARY SHORING TO BE INCLUDED IN THE COST OF OTHER ITEMS.

DENOTES: BRIDGE DECK DRAIN (PARAPET TYPE) REQUIRED. SEE STD. DWG. NO. STD.-1-2.

DENOTES: BRIDGE DECK DRAIN (TYPE 2) REQUIRED. SEE STD. DWG. NO. STD-1-2.

NOTE: THIS DRAWING IS FOR FOUNDATION DATA ONLY AND IS NOT TO BE USED AS A LAYOUT.

LEGEND

B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSUAL (ABOVE LINE). BOTTOM OF HOLE (BELOW LINE)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

FOUNDATION DATA
STATE ROUTE 6 OVER WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-186

PIN NO.:	124722.00	
DESIGN BY:	B. ROMANO	DATE: 08/23
DRAWN BY:	A. HUNTER	DATE: 10/23
SUPERVISED BY:	D. EASTERLY/S. STEPP	DATE: 10/23
CHECKED BY:	B. BARTROM	DATE: 01/24

12/5/2025 8:02:53 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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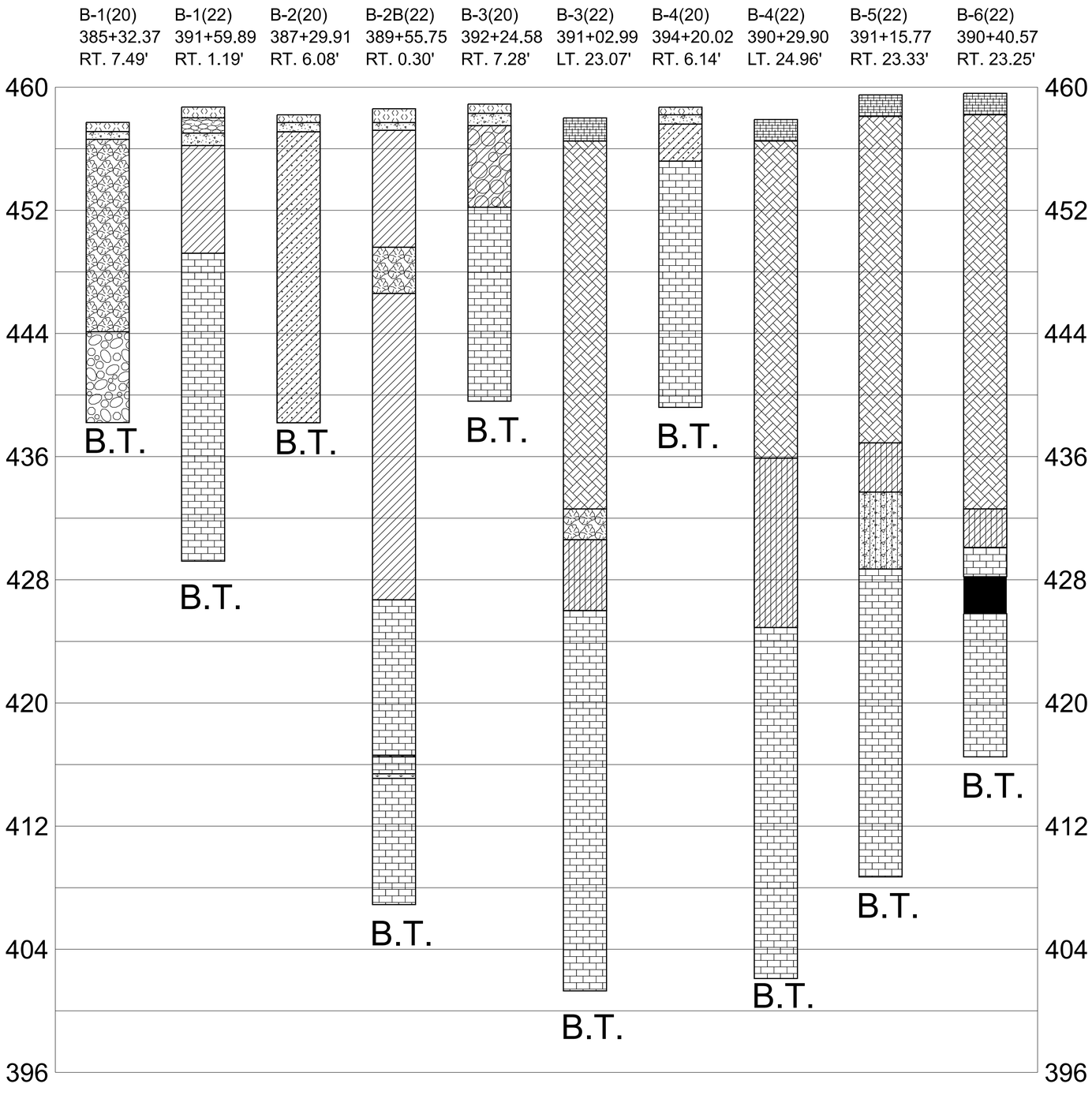

BORING NO.	STATION	OFFSET	GROUND ELEVATION	ROCK ELEVATION	TOTAL DEPTH
B-1(20)	385+32.37	RT. 7.49'	457.71'	456.61'	19.5'
B-1(22)	391+59.89	RT. 1.19'	458.71'	449.21'	29.5'
B-2(20)	387+29.91	RT. 6.08'	458.25'	N/A	20.0'
B-2B(22)	389+55.75	RT. 0.30'	458.58'	426.68'	51.7'
B-3(20)	392+24.58	RT. 7.28'	458.88'	452.18'	19.3'
B-3(22)	391+02.99	LT. 23.07'	457.96'	425.96'	56.7'
B-4(20)	394+20.02	RT. 6.14'	458.74'	455.24'	19.5'
B-4(22)	390+29.90	LT. 24.96'	457.91'	424.91'	55.8'
B-5(22)	391+15.77	RT. 23.33'	459.46'	433.66'	50.8'
B-6(22)	390+40.57	RT. 23.25'	459.56'	430.06'	43.1'

NOTE:
BORING DEPICTIONS SHOWN ON FOUNDATION DATA SHEET INDICATE GENERAL SOIL AND ROCK TYPES AT THE SPECIFIC BORING LOCATIONS.

LEGEND

- VOID
- BRIDGE CLEARANCE
- BRIDGE DECK
- ASPHALT
- BASESTONE
- MUDSEAM
- BOULDERS AND COBBLES
- CONCRETE
- CLAY
- SILTY CLAY
- SANDY CLAY
- RIVER GRAVEL
- CLAYEY GRAVEL
- CONCRETE WITH REBAR
- LIMESTONE

B.T.= BORING TERMINATED

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: A. HUNTER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

FOUNDATION DATA
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-186A

12/5/2025 8:01:19 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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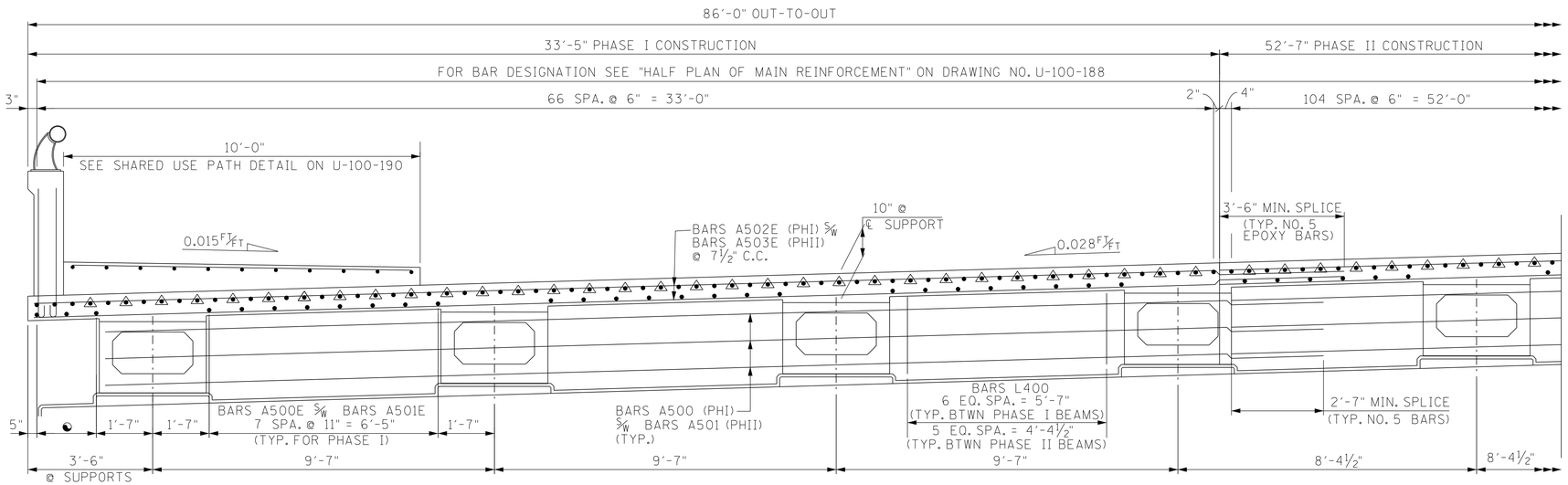
	- -		
	- -		

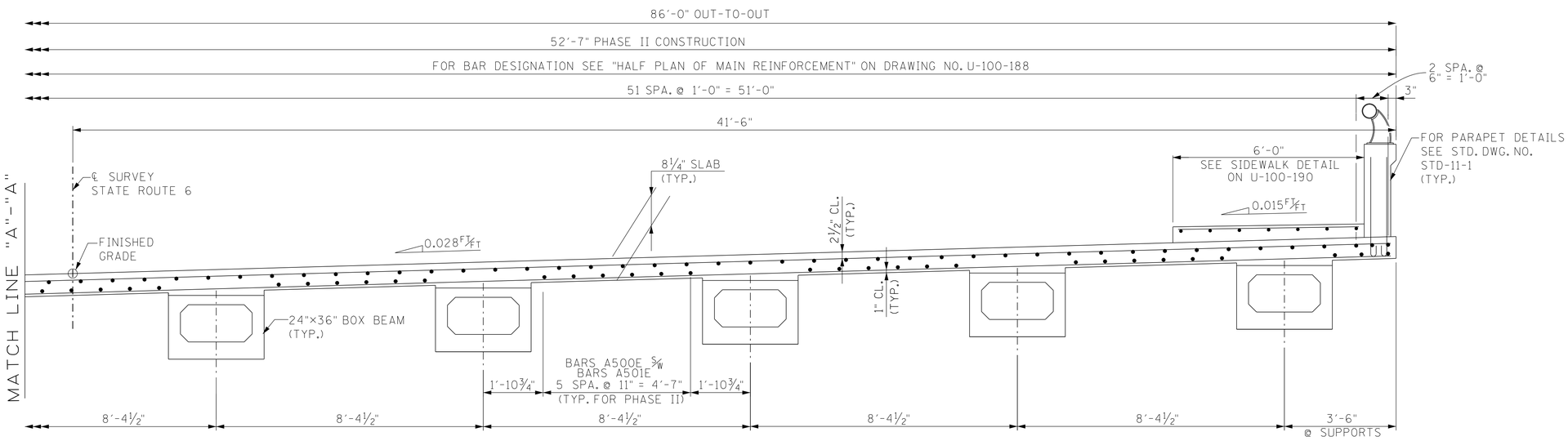


● DENOTES: BARS A500E S/W BARS A501E
2 SPA. @ 9" = 1'-6"
(TYP. @ OVERHANG)

▲ DENOTES: CUT-OFF-BARS

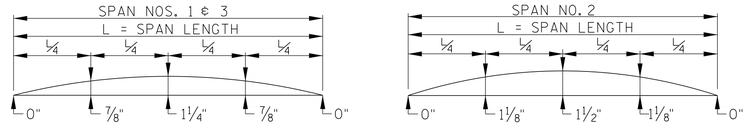
TYPICAL HALF SECTION @ PIERS

(LOOKING FORWARD ON SURVEY)



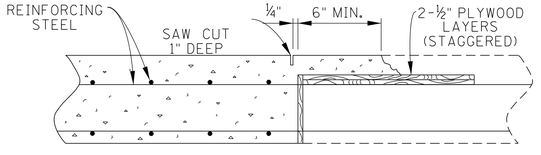
TYPICAL HALF SECTION @ MID-SPAN

(LOOKING FORWARD ON SURVEY)



DEAD LOAD CORRECTION CURVE

DEAD LOAD CORRECTION CURVE: THIS CURVE IS FOR DEAD LOAD SLAB AND ALL DEAD LOADS THAT ARE APPLIED AFTER SLAB IS IN PLACE.



SLAB CONSTRUCTION JOINT DETAIL

(N.T.S.)

DECK CONCRETE POURING SEQUENCE: SLAB CONSTRUCTION JOINTS MAY BE LOCATED AT THE CONTRACTOR'S OPTION SUBJECT TO THE FOLLOWING:

1. NO CONSTRUCTION JOINT SHALL BE LOCATED CLOSER THAN 10 FEET OR FURTHER THAN 15 FEET FROM AN INTERIOR SUPPORT.
2. THE SLAB IN THE MIDDLE SECTION OF BOTH ADJACENT SPANS MUST BE POURED TO WITHIN AT LEAST 15 FEET OF THE SUPPORTS EITHER PRIOR TO OR CONCURRENTLY WITH THE SLAB OVER AN INTERIOR SUPPORT.
3. ALL SLAB CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH THE SLAB CONSTRUCTION JOINT DETAILS SHOWN ABOVE.

NOTE: NO PORTION OF THE PARAPETS AND SIDEWALKS SHALL BE POURED UNTIL THE ENTIRE DECK SLAB IS IN PLACE UNLESS REQUIRED FOR PHASE CONSTRUCTION.

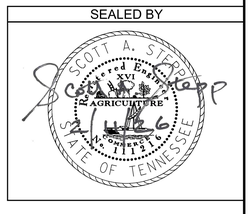
NOTE: OUTSIDE EDGE OF SLAB AND PARAPET TO CONFORM TO HORIZONTAL CURVE.

NOTE: WHEN POURING SLAB, PROVISIONS SHALL BE MADE FOR SETTING REINFORCING STEEL FOR PARAPET. THE PARAPET SHALL NOT BE POURED UNTIL THE SLAB IS POURED AND CURED. WHEN POURING PARAPET, PROVISIONS SHALL BE MADE FOR SETTING ANCHOR BOLTS FOR HANDRAILS. ALSO SEE STD. DWG. NO. STD-11-1

NOTE: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SUPPORTING THE BEAMS TO PREVENT DAMAGE DUE TO TWISTING OR OVERTURNING DURING ALL PHASES OF CONSTRUCTION. IT IS STRONGLY RECOMMENDED THAT THE TEMPORARY ERECTION DIAPHRAGMS BE INSTALLED PRIOR TO PLACING ANY LOADS ON THE BEAMS. HOWEVER, TEMPORARY ERECTION DIAPHRAGMS MUST BE IN PLACE IN THE SPAN AT THE TIME THE SLAB IS POURED IN SAID SPAN.

NOTE: THE SUPPORT DIAPHRAGMS AT THE BENTS SHALL BE FORMED AND THE BOTTOM 15 INCHES POURED AS SOON AS POSSIBLE AFTER THE BEAMS HAVE BEEN SET. THE REMAINDER OF THE DIAPHRAGMS SHALL BE POURED CONCURRENTLY WITH THE DECK SLAB. THE BEAMS SHALL ATTAIN AN AGE OF AT LEAST 90 DAYS PRIOR TO POURING THE REMAINDER OF THE SUPPORT DIAPHRAGMS AND DECK SLAB. ALL DIAPHRAGM CONCRETE SHALL BE INCLUDED IN THE QUANTITY FOR CLASS DS CONCRETE.

SEALED BY



PIN NO.:	124722.00
DESIGN BY:	B. ROMANO DATE: 08/23
DRAWN BY:	NINU SHOUKATH DATE: 10/23
SUPERVISED BY:	D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY:	B. BARTROM DATE: 01/24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
STATE ROUTE 6 OVER WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-187

12/2/2025 9:24:09 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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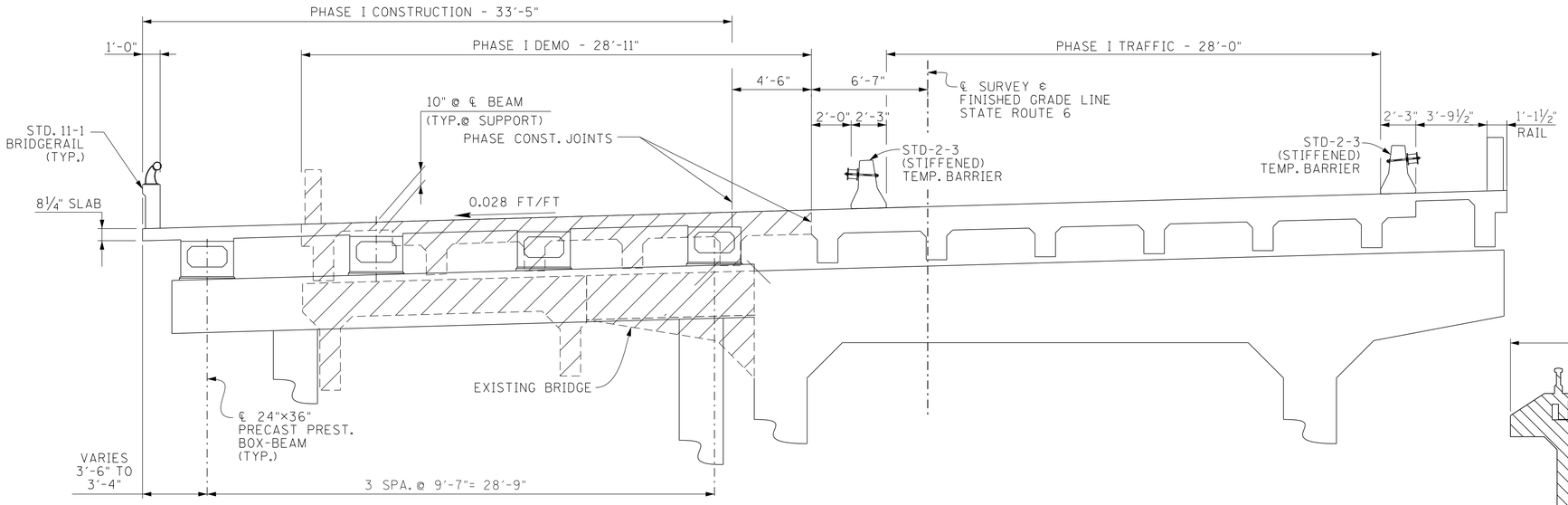
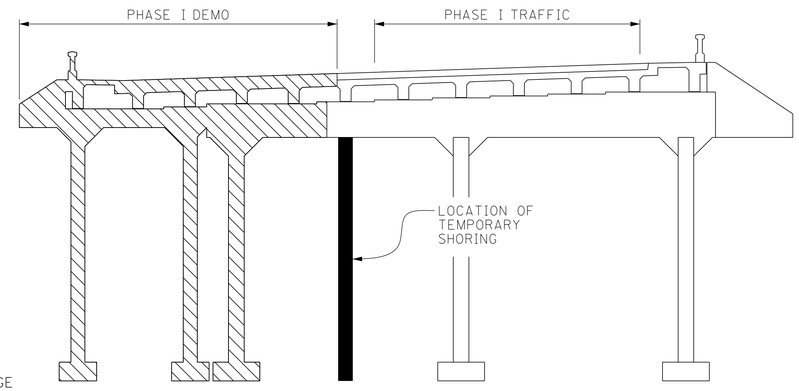


PHASE I TYPICAL CROSS SECTION

(SHOWING PHASE I CONSTRUCTION AND DEMOLITION)
(LOOKING FORWARD ON SURVEY)

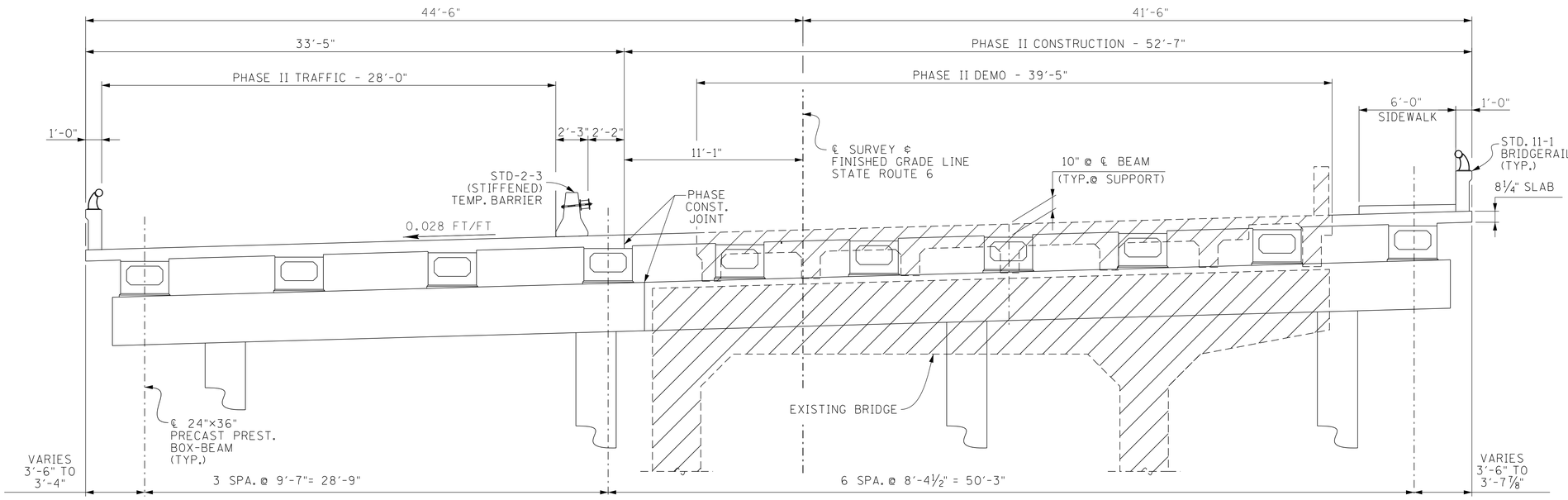
▨ DENOTES: EXISTING STRUCTURE TO BE REMOVED.



PHASE I TEMPORARY SHORING AT EXISTING SPILL-THRU ABUTMENT NO. 1

(LOOKING FORWARD ON SURVEY)

NOTE: TEMPORARY SHORING IS REQUIRED AT EXISTING ABUTMENT NO. 1 PRIOR TO PHASE I DEMO. THE LOCATION OF THE PHASE DEMO CUT IN THE ABUTMENT BEAM WILL RESULT IN A LARGE SECTION OF UNSUPPORTED CANTILEVER. A TEMPORARY SUPPORT SHALL BE PLACED UNDER THE EXTERIOR BEAM ON THE CANTILEVER TO ENSURE STABILITY OF THE ABUTMENT BEAM DURING PHASE I TRAFFIC. THE TEMPORARY SHORING DESIGN AND DETAILS SHALL BE APPROVED BY TDOT STRUCTURES DIVISION PRIOR TO PLACING THE SUPPORT. ALL COSTS ASSOCIATED WITH THIS SUPPORT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM NO. 621-05.03, TEMPORARY SHORING. THIS INCLUDES THE DESIGN, AND ALL MATERIALS, EQUIPMENT AND LABOR NEEDED.



PHASE II TYPICAL CROSS SECTION

(SHOWING PHASE II CONSTRUCTION AND DEMOLITION)
(LOOKING FORWARD ON SURVEY)

▨ DENOTES: EXISTING STRUCTURE TO BE REMOVED.

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STATE ROUTE 6 OVER WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-187A

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: NINU SHOUKATH DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

7:49:43 AM
2/5/2026

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
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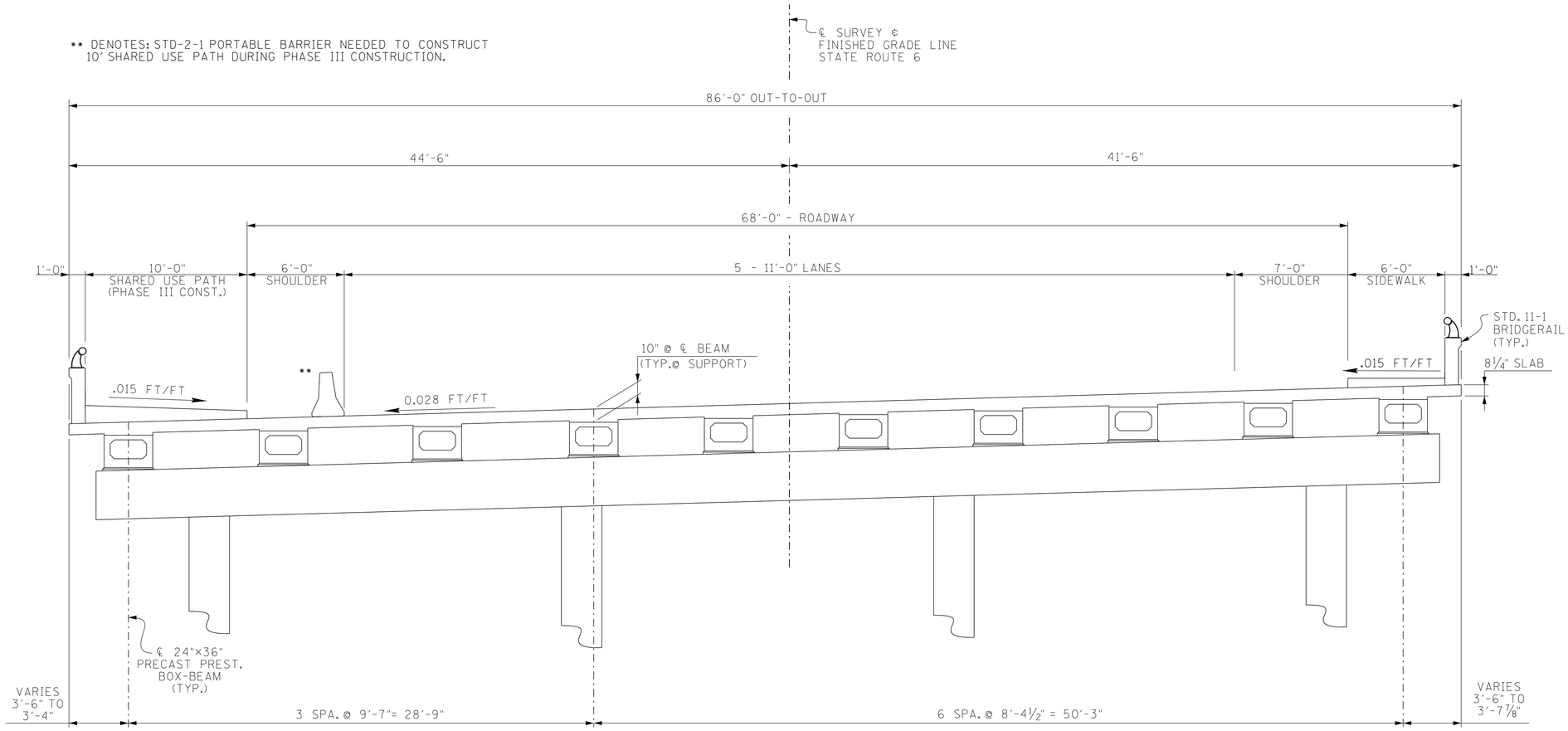
** DENOTES: STD-2-1 PORTABLE BARRIER NEEDED TO CONSTRUCT 10' SHARED USE PATH DURING PHASE III CONSTRUCTION.



TYPICAL CROSS SECTION

(LOOKING FORWARD ON SURVEY)

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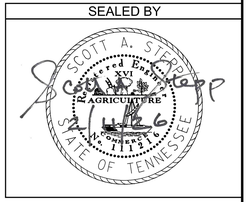

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-187B

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: NINU SHOUKATH DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

2/5/2026 10:18:01 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

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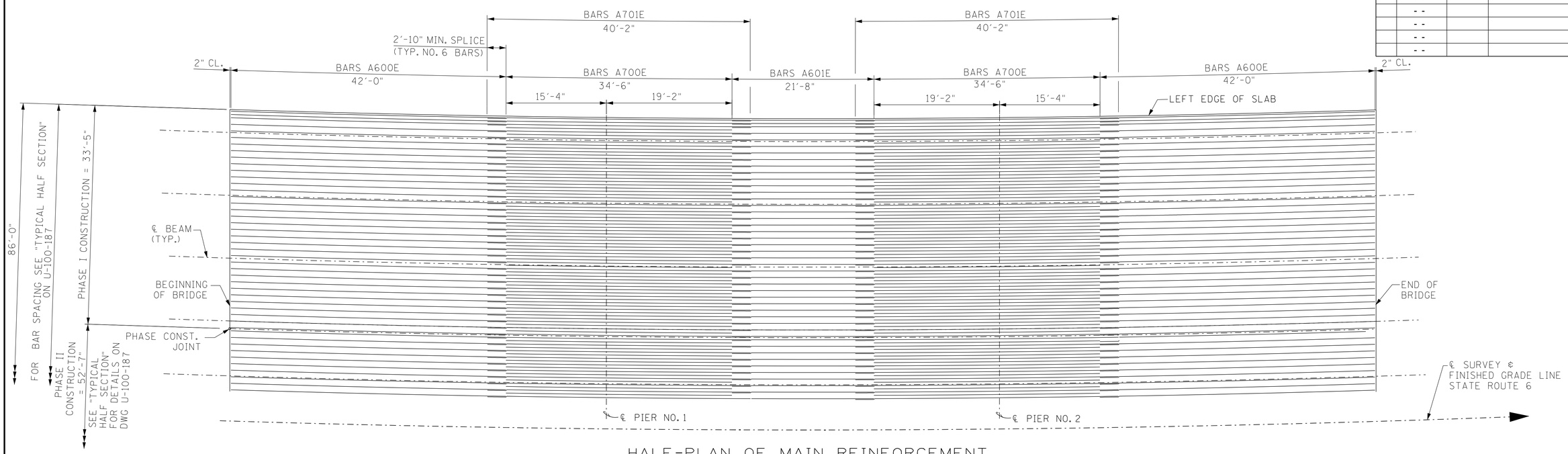
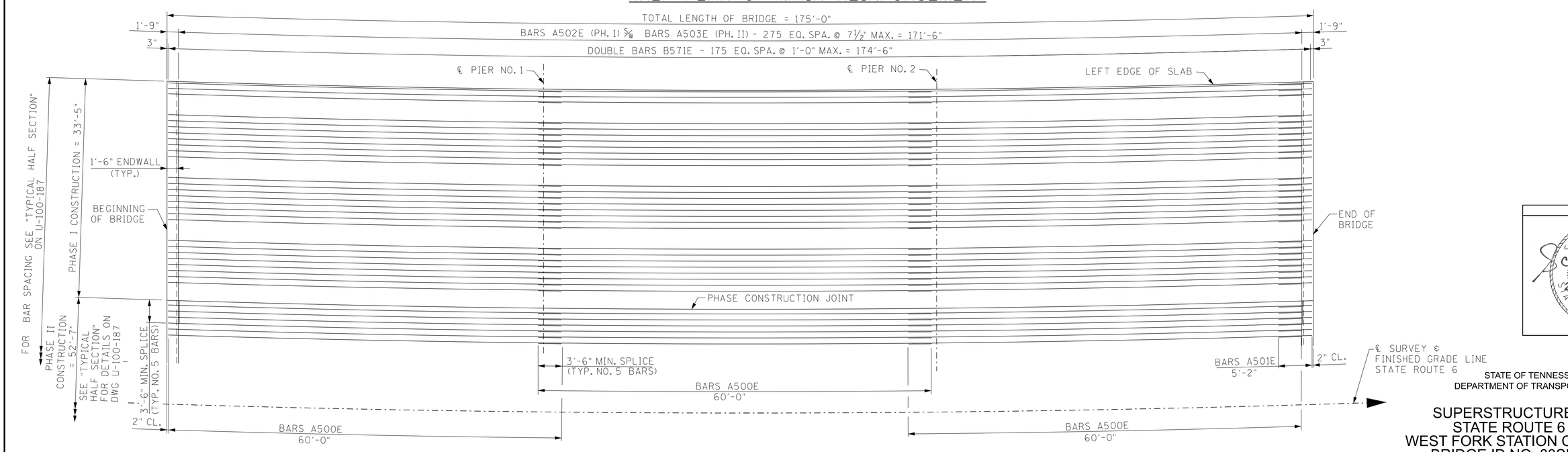


HALF-PLAN OF MAIN REINFORCEMENT



HALF-PLAN OF BOTTOM OF SLAB

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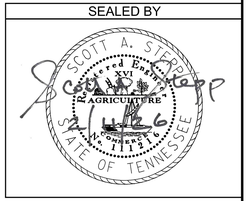

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STATE ROUTE 6 OVER WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-188

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: NINU SHOUKATH DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12/2/2025 9:27:17 AM

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PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

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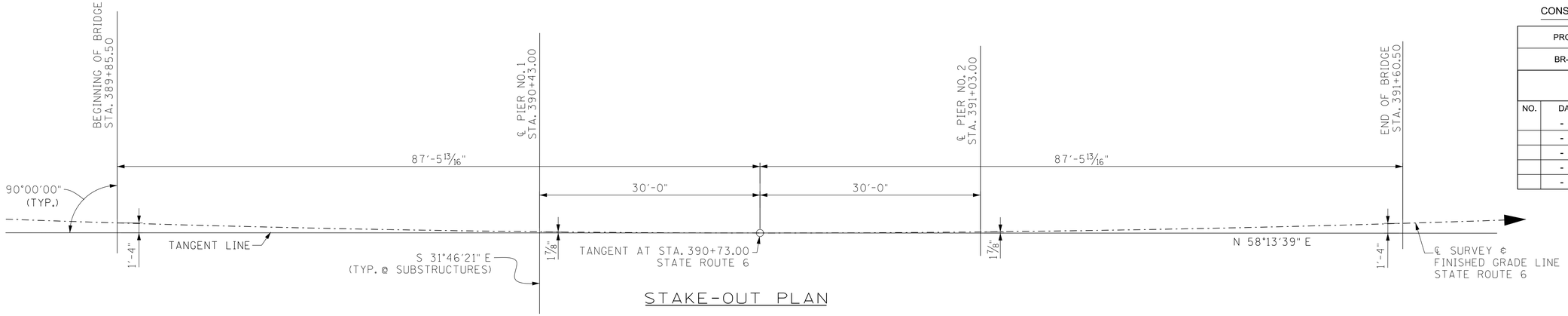
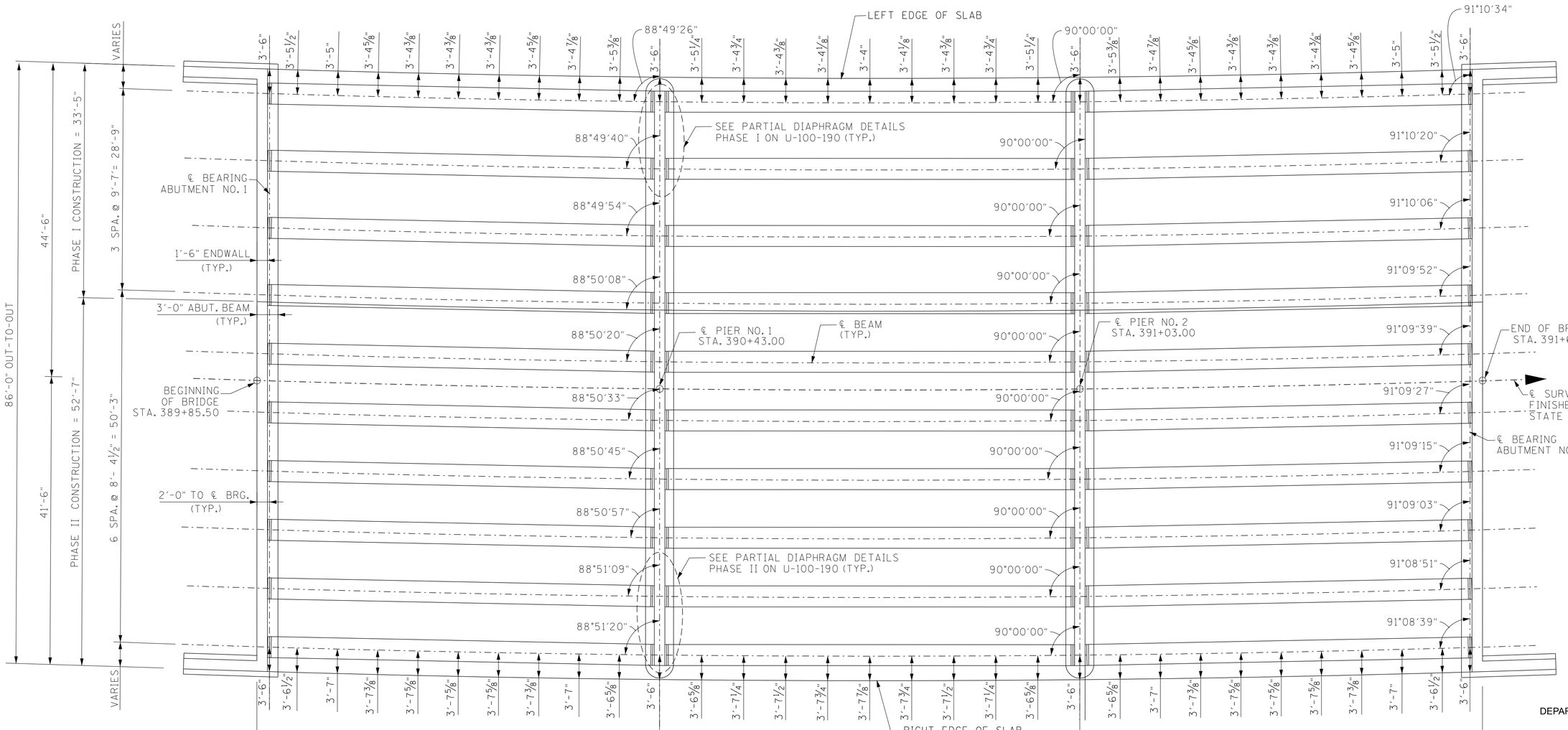
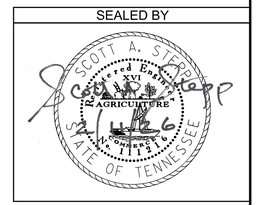


STAKE-OUT PLAN



FRAMING PLAN

SEALED BY



PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: NINU SHOUKATH DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-189

9:28:20 AM
12/2/2025

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

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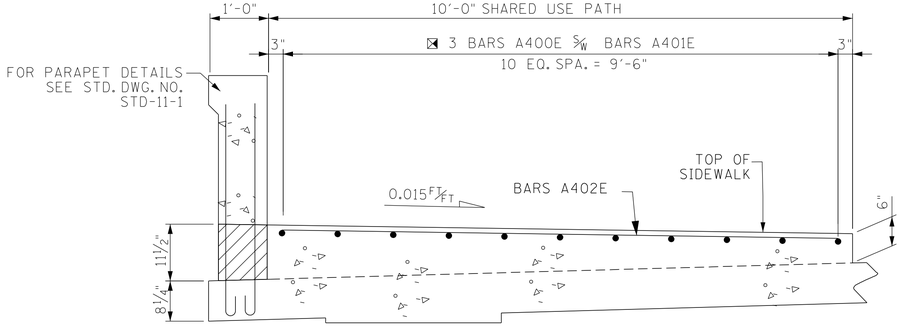
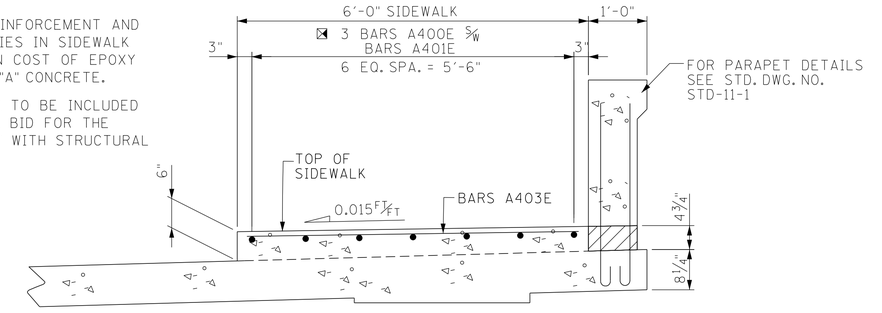


⊠ DENOTES: STEEL REINFORCEMENT AND CONCRETE QUANTITIES IN SIDEWALK TO BE INCLUDED IN COST OF EPOXY STEEL AND CLASS "A" CONCRETE.

▨ DENOTES: CONCRETE TO BE INCLUDED IN THE UNIT PRICE BID FOR THE CONCRETE PARAPET WITH STRUCTURAL TUBING.

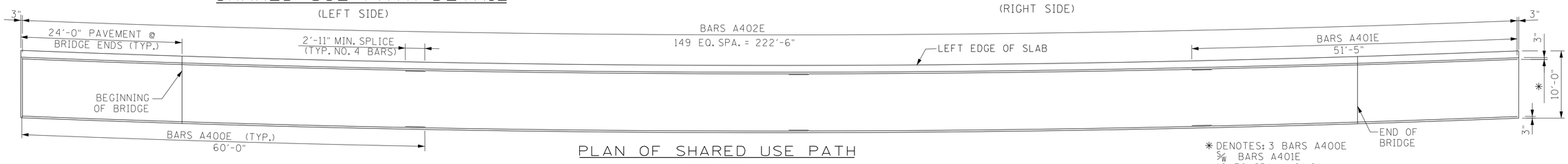


SHARED USE PATH DETAIL

(LEFT SIDE)

SIDEWALK DETAIL

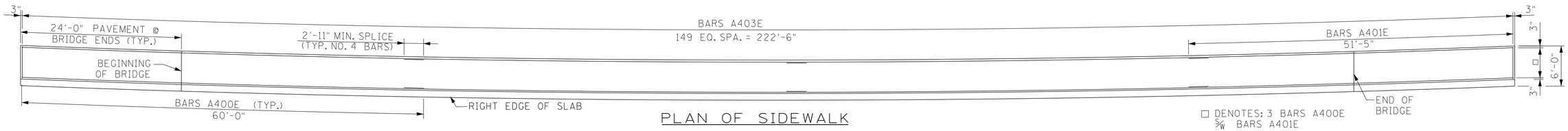
(RIGHT SIDE)



PLAN OF SHARED USE PATH

(LEFT SIDE)

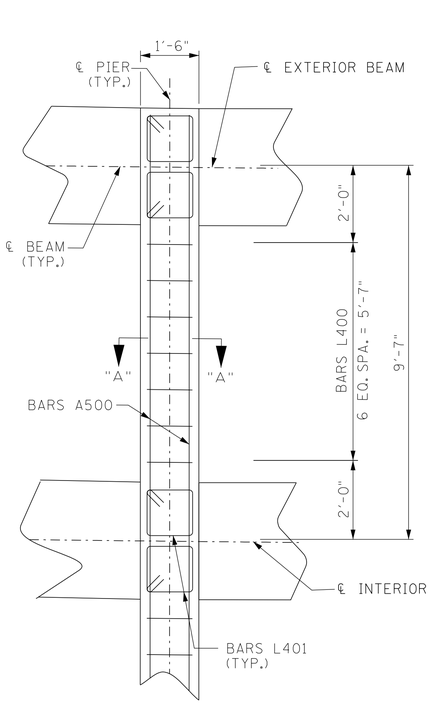
✱ DENOTES: 3 BARS A400E ⅝" BARS A401E 10 EQ. SPA. = 9'-6"



PLAN OF SIDEWALK

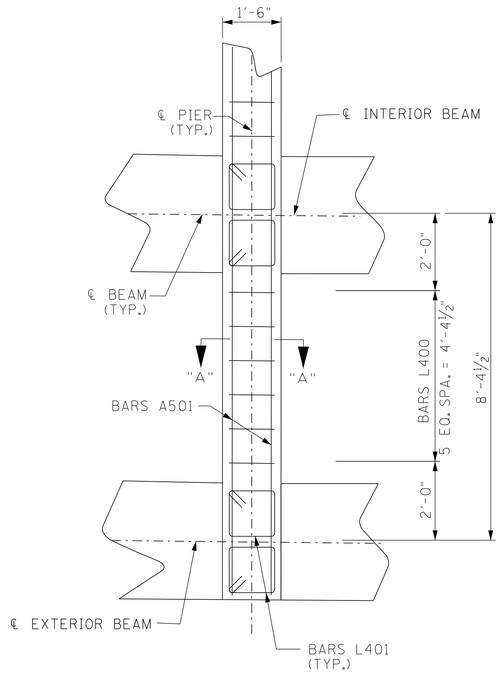
(RIGHT SIDE)

□ DENOTES: 3 BARS A400E ⅝" BARS A401E 6 EQ. SPA. = 5'-6"



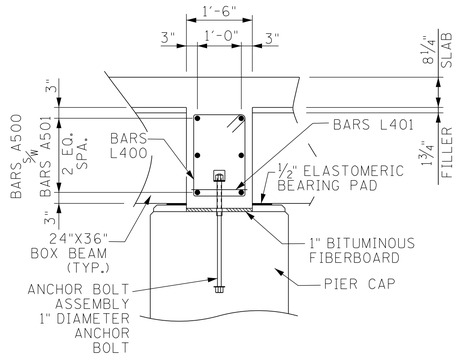
PARTIAL DIAPHRAGM DETAIL

(PHASE I)



PARTIAL DIAPHRAGM DETAIL

(PHASE II)

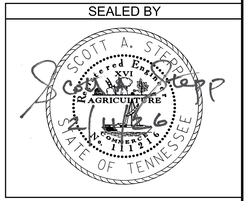


SECTION "A"-"A"

(TYP. EACH PIER)

ANCHOR BOLTS AT PIERS: ANCHOR BOLT ASSEMBLIES AT PIERS SHALL BE IN ACCORDANCE WITH STANDARD DRAWING STD-6-1

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-190

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: NINU SHOUKATH DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12/2/2025 9:29:26 AM

CONST. NO.: 83077-3219-94

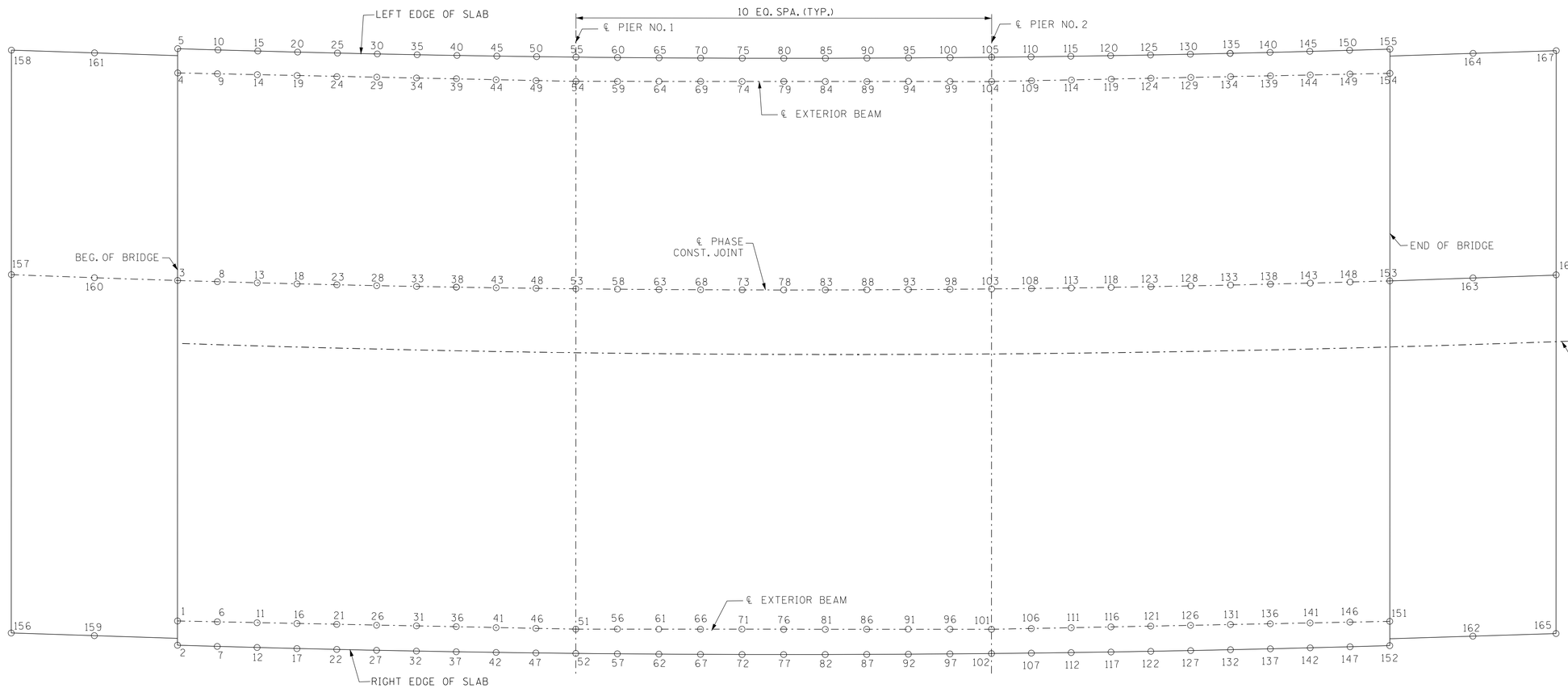
PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
	- -		
	- -		
	- -		

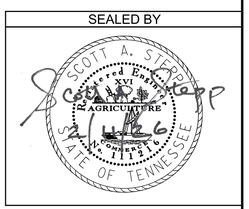
BRIDGE SCREED TABLE OF STATIONS AND ELEVATIONS

PT.	STATION	ELEVATION	PT.	STATION	ELEVATION	PT.	STATION	ELEVATION	PT.	STATION	ELEVATION	PT.	STATION	ELEVATION	PT.	STATION	ELEVATION	PT.	STATION	ELEVATION	PT.	STATION	ELEVATION	PT.	STATION	ELEVATION
1	389+86.65	459.60	21	390+09.34	459.60	41	390+32.04	459.61	61	390+55.24	459.61	81	390+78.92	459.62	101	391+02.61	459.63	121	391+25.31	459.64	141	391+48.01	459.64	161	389+71.96	457.31
2	389+86.68	459.69	22	390+09.35	459.70	42	390+32.02	459.71	62	390+55.26	459.72	82	390+78.91	459.72	102	391+02.64	459.73	122	391+25.31	459.74	142	391+47.98	459.75	162	391+71.12	459.72
3	389+85.16	458.22	23	390+08.25	458.23	43	390+31.34	458.24	63	390+54.93	458.24	83	390+79.02	458.25	103	391+03.12	458.26	123	391+26.21	458.27	143	391+49.30	458.27	163	391+72.88	458.28
4	389+84.23	457.38	24	390+07.56	457.39	44	390+30.90	457.40	64	390+54.74	457.40	84	390+79.09	457.41	104	391+03.44	457.42	124	391+26.77	457.42	144	391+50.10	457.43	164	391+74.04	457.37
5	389+84.19	457.28	25	390+07.56	457.29	45	390+30.92	457.30	65	390+54.72	457.31	85	390+79.09	457.32	105	391+03.40	457.32	125	391+26.76	457.33	145	391+50.13	457.34	165	391+82.96	459.73
6	389+92.32	459.60	26	390+15.02	459.60	46	390+37.72	459.61	66	390+61.16	459.62	86	390+84.84	459.62	106	391+08.28	459.63	126	391+30.98	459.64	146	391+53.68	459.65	166	391+84.93	458.28
7	389+92.35	459.70	27	390+15.02	459.70	47	390+37.69	459.71	67	390+61.17	459.72	87	390+84.83	459.73	107	391+08.31	459.73	127	391+30.98	459.74	147	391+53.65	459.75	167	391+86.23	457.38
8	389+90.93	458.22	28	390+14.02	458.23	48	390+37.11	458.24	68	390+60.95	458.25	88	390+85.05	458.25	108	391+08.89	458.26	128	391+31.98	458.27	148	391+55.07	458.28			
9	389+90.06	457.38	29	390+13.40	457.39	49	390+36.73	457.40	69	390+60.83	457.40	89	390+85.17	457.41	109	391+09.27	457.42	129	391+32.60	457.43	149	391+55.94	457.44			
10	389+90.03	457.29	30	390+13.40	457.29	50	390+36.76	457.30	70	390+60.81	457.31	90	390+85.19	457.32	110	391+09.24	457.32	130	391+32.60	457.33	150	391+55.97	457.34			
11	389+97.99	459.60	31	390+20.69	459.60	51	390+43.39	459.61	71	390+67.08	459.62	91	390+90.76	459.63	111	391+13.96	459.63	131	391+36.66	459.64	151	391+59.35	459.65			
12	389+98.02	459.70	32	390+20.69	459.70	52	390+43.43	459.71	72	390+67.09	459.72	92	390+90.74	459.73	112	391+13.98	459.73	132	391+36.65	459.74	152	391+59.32	459.75			
13	389+96.70	458.22	33	390+19.79	458.23	53	390+42.88	458.24	73	390+66.98	458.25	93	390+91.07	458.25	113	391+14.66	458.26	133	391+37.75	458.27	153	391+60.84	458.28			
14	389+95.90	457.38	34	390+19.23	457.39	54	390+42.56	457.40	74	390+66.91	457.41	94	390+91.26	457.41	114	391+15.10	457.42	134	391+38.44	457.43	154	391+61.77	457.44			
15	389+95.87	457.29	35	390+19.24	457.30	55	390+42.53	457.30	75	390+66.91	457.31	95	390+91.28	457.32	115	391+15.08	457.33	135	391+38.44	457.33	155	391+61.81	457.34			
16	390+03.67	459.60	36	390+26.37	459.61	56	390+49.31	459.61	76	390+73.00	459.62	96	390+96.69	459.63	116	391+19.63	459.63	136	391+42.33	459.64	156	389+63.04	459.66			
17	390+03.68	459.70	37	390+26.35	459.71	57	390+49.34	459.71	77	390+73.00	459.72	97	390+96.66	459.73	117	391+19.65	459.74	137	391+42.32	459.74	157	389+61.07	458.21			
18	390+02.48	458.23	38	390+25.57	458.23	58	390+48.91	458.24	78	390+73.00	458.25	98	390+97.09	458.26	118	391+20.43	458.26	138	391+43.52	458.27	158	389+59.77	457.31			
19	390+01.73	457.39	39	390+25.06	457.39	59	390+48.65	457.40	79	390+73.00	457.41	99	390+97.35	457.42	119	391+20.94	457.42	139	391+44.27	457.43	159	389+74.88	459.66			
20	390+01.72	457.29	40	390+25.08	457.30	60	390+48.62	457.31	80	390+73.00	457.31	100	390+97.38	457.32	120	391+20.92	457.33	140	391+44.28	457.34	160	389+73.12	458.22			



BRIDGE SCREED

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE SCREED
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-190A

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: NINU SHOUKATH DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

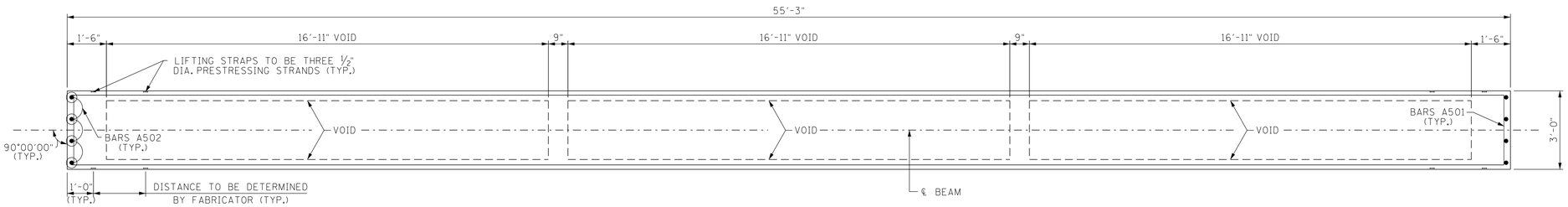
12/2/2025 9:55:26 AM

CONST. NO.: 83077-3219-94

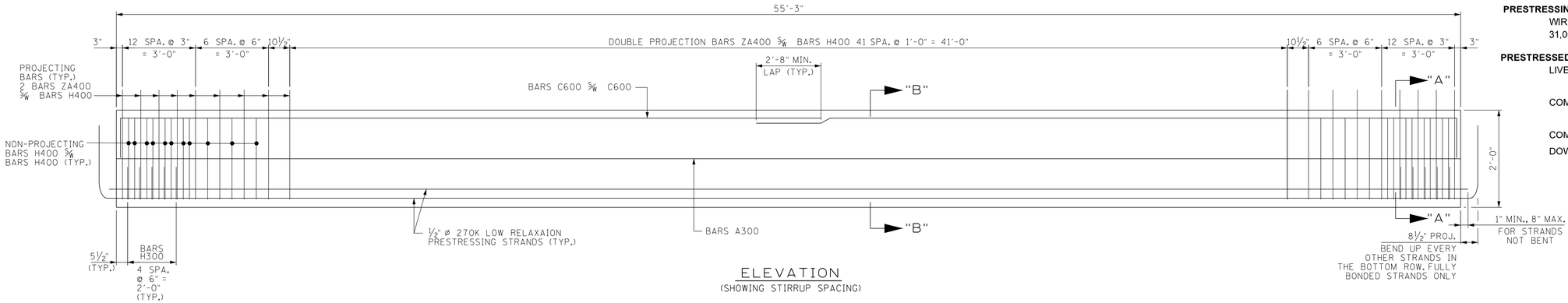
PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
	- -		
	- -		
	- -		



PLAN
(SHOWING PROPERTIES)



ELEVATION
(SHOWING STIRRUP SPACING)

NOTE: SEE STD-14-3 FOR BOX BEAM STANDARD DETAILS, NOTES AND REINFORCING.

NOTE: THE PRESTRESSED BEAMS SHALL ATTAIN AN AGE OF AT LEAST 90 DAYS PRIOR TO POURING THE SUPPORT DIAPHRAGMS (EXCLUDING BOTTOM 15") AND DECK SLAB.

NOTE: THE CONCRETE FOR THIS CONSTRUCTION SHALL BE OF SUCH PROPERTIES AS TO ATTAIN A COMPRESSIVE STRENGTH OF NOT LESS THAN 9000 PSI AT THE AGE OF 28 DAYS AND STRESS TRANSFER SHALL NOT BE MADE TO THE BRIDGE MEMBER UNTIL THE TEST SPECIMENS INDICATE THAT THE CONCRETE HAS REACHED A COMPRESSIVE STRENGTH OF AT LEAST 8000 PSI. SEE GENERAL NOTES FOR CONCRETE FINISHING NOTE.

PRESTRESSING STRANDS: ALL STRANDS SHALL BE ½" DIAMETER, UNCOATED 7-WIRE STRANDS, ASTM A416 GRADE 270, LOW-LAX, A = 0.153 SQ. IN. PULLED TO 31,003 LBS PER STRAND UNLESS OTHERWISE NOTED.

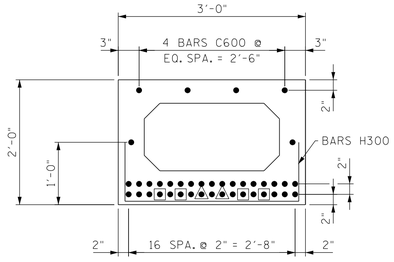
PRESTRESSED BEAM DESIGN DATA (PER BEAM):

LIVE LOAD DISTRIBUTION FACTOR: MOMENT = .890 LANES
SHEAR = .890 LANES

COMPOSITE DEAD LOAD: DC = 234 LB/FT
DW = 238 LB/FT

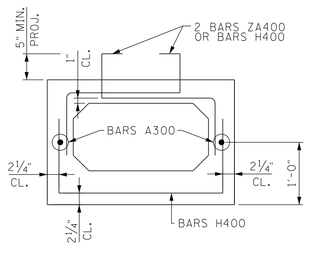
COMPOSITE SLAB DESIGN STRENGTH: F 'C = 4000 PSI

DOWNWARD DEFLECTION UNDER TOTAL DL IS NOT ALLOWED.

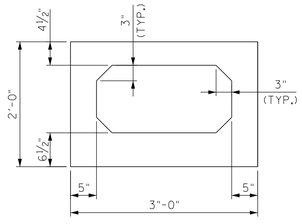


SECTION "A"-"A"
(SHOWING ½" ø PRESTRESSING STRANDS)

□ DENOTES: 4'-0" BOND
△ DENOTES: 7'-0" BOND



SECTION "B"-"B"
(SHOWING STIRRUPS)



TYPICAL SECTION
(SHOWING PROPERTIES)

BILL OF STEEL

(PER BEAM)

BAR	SIZE	NO REQ'D	LENGTH
A300	3	2	54'-11"
A500	5	8	5'-6"
A501	5	6	2'-8"
A502	5	8	1'-8"
C600	6	8	29'-10"
H300	3	10	4'-10"
H400	4	102	6'-0"
ZA400	4	116	3'-11"

ESTIMATED QUANTITIES

(PER BEAM)

NO. BEAMS REQUIRED	PRESTRESSING STRANDS (LOW RELAXATION) LB.	CONCRETE C.Y.	REINFORCING STEEL LB.
20	1,017	8	1,207

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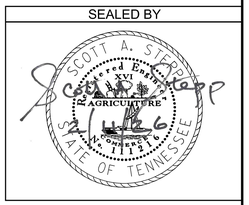
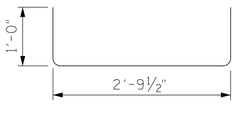
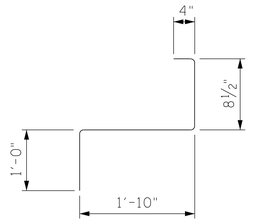


BARS A

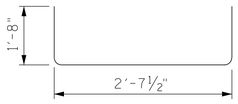


BARS H300



BARS ZA400

BARS C600



BARS H400

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: NINU SHOUKATH/JRC DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESTRESSED BOX BEAM DETAILS (SPAN NOS. 1 & 3)
STATE ROUTE 6 OVER WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-191

12/2/2025 9:58:55 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
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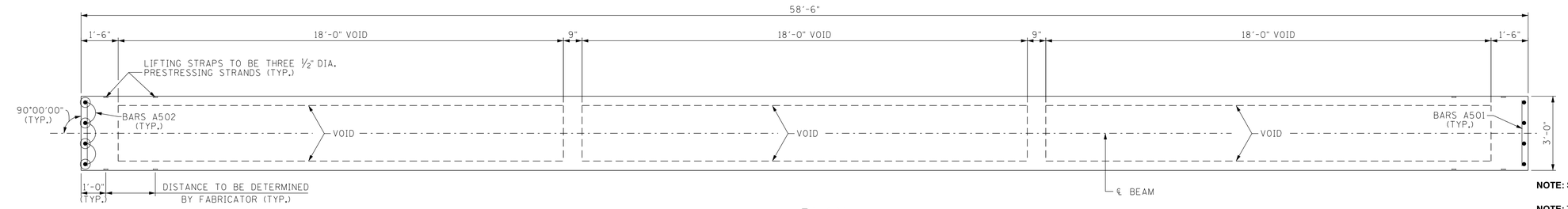
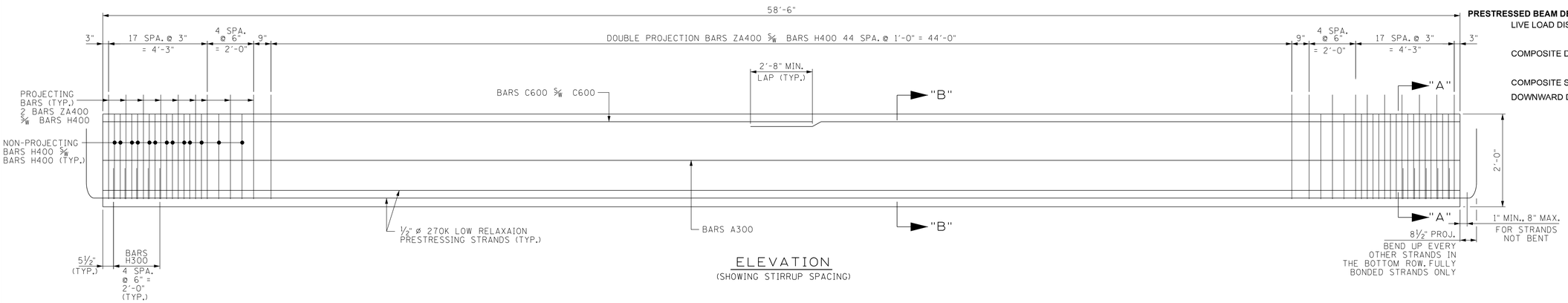


PLAN
(SHOWING PROPERTIES)



ELEVATION
(SHOWING STIRRUP SPACING)

NOTE: SEE STD-14-3 FOR BOX BEAM STANDARD DETAILS, NOTES AND REINFORCING.

NOTE: THE PRESTRESSED BEAMS SHALL ATTAIN AN AGE OF AT LEAST 90 DAYS PRIOR TO POURING THE SUPPORT DIAPHRAGMS (EXCLUDING BOTTOM 15') AND DECK SLAB.

NOTE: THE CONCRETE FOR THIS CONSTRUCTION SHALL BE OF SUCH PROPERTIES AS TO ATTAIN A COMPRESSIVE STRENGTH OF NOT LESS THAN 9000 PSI AT THE AGE OF 28 DAYS AND STRESS TRANSFER SHALL NOT BE MADE TO THE BRIDGE MEMBER UNTIL THE TEST SPECIMENS INDICATE THAT THE CONCRETE HAS REACHED A COMPRESSIVE STRENGTH OF AT LEAST 8000 PSI. SEE GENERAL NOTES FOR CONCRETE FINISHING NOTE.

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PRESTRESSED BEAM DESIGN DATA (PER BEAM):
LIVE LOAD DISTRIBUTION FACTOR: MOMENT = .890 LANES
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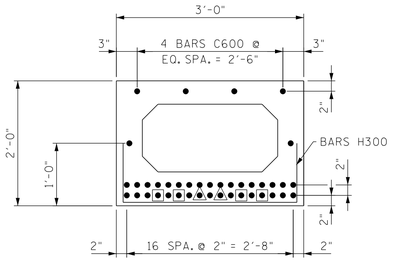
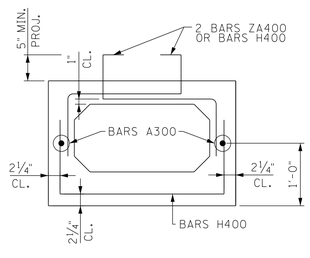
DOWNWARD DEFLECTION UNDER TOTAL DL IS NOT ALLOWED.

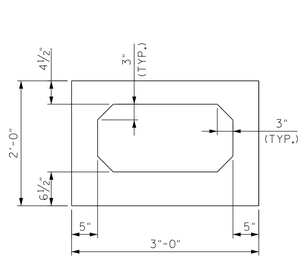


SECTION "A"-"A"
(SHOWING ½" ø PRESTRESSING STRANDS)

□ DENOTES: 4'-0" BOND
△ DENOTES: 7'-0" BOND



SECTION "B"-"B"
(SHOWING STIRRUPS)



TYPICAL SECTION
(SHOWING PROPERTIES)

BILL OF STEEL

(PER BEAM)

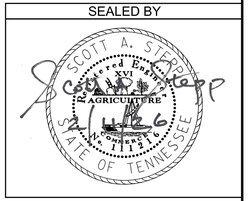
BAR	SIZE	NO REQ'D	LENGTH
A300	3	2	58'-2"
A500	5	8	5'-6"
A501	5	6	2'-8"
A502	5	8	1'-8"
C600	6	8	31'-5"
H300	3	10	4'-10"
H400	4	115	6'-0"
ZA400	4	126	3'-11"

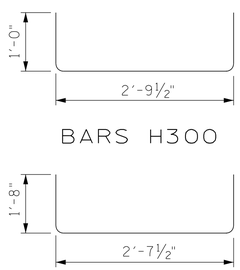
ESTIMATED QUANTITIES

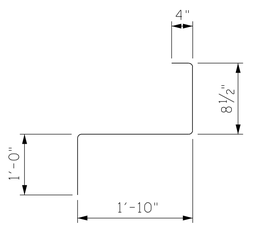
(PER BEAM)

NO. BEAMS REQUIRED	PRESTRESSING STRANDS (LOW RELAXATION) LB.	CONCRETE C.Y.	REINFORCING STEEL LB.
10	1,074	9	1,307

SEALED BY







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DRAWN BY: NINU SHOUKATH DATE: 10/23
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PRESTRESSED BOX BEAM DETAILS
(SPAN NO. 2)
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-192

12/2/2025 9:59:50 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
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	- -		
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	- -		

NOTES

NOTE: RISER BLOCKS SHALL BE POURED MONOLITHICALLY WITH THE ABUTMENT BEAM.

NOTE: ELASTOMERIC PADS SHALL BE IN PLACE A MINIMUM OF ONE DAY BEFORE BEING DISTURBED BY SETTING BEAMS. PLACE RUBBER BONDING CEMENT IN SUCH A WAY THAT VISIBLE CONCRETE SURFACES WILL NOT BE STAINED.

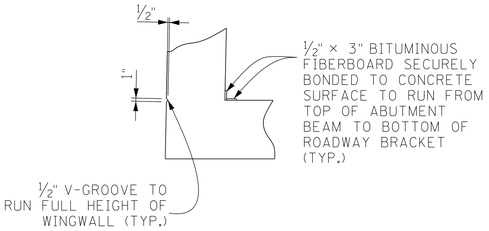
NOTE: WHEN POURING WINGWALLS, PROVISIONS SHALL BE MADE FOR SETTING REINFORCING STEEL FOR WINGPOSTS AND PARAPETS. FOR DETAILS OF WINGPOSTS AND PARAPETS, SEE STD. DWG. NO. STD-11-1.

NOTE: NOT LESS THAN HALF OF THE SLAB IN THE END SPANS SHALL BE POURED PRIOR TO, OR CONCURRENTLY WITH, PLACEMENT OF ANY PART OF THE ABUTMENT ENDWALLS. AT LEAST THE TOP 12 INCHES OF THE ENDWALLS SHALL BE POURED CONCURRENTLY WITH THE END OF SLAB.

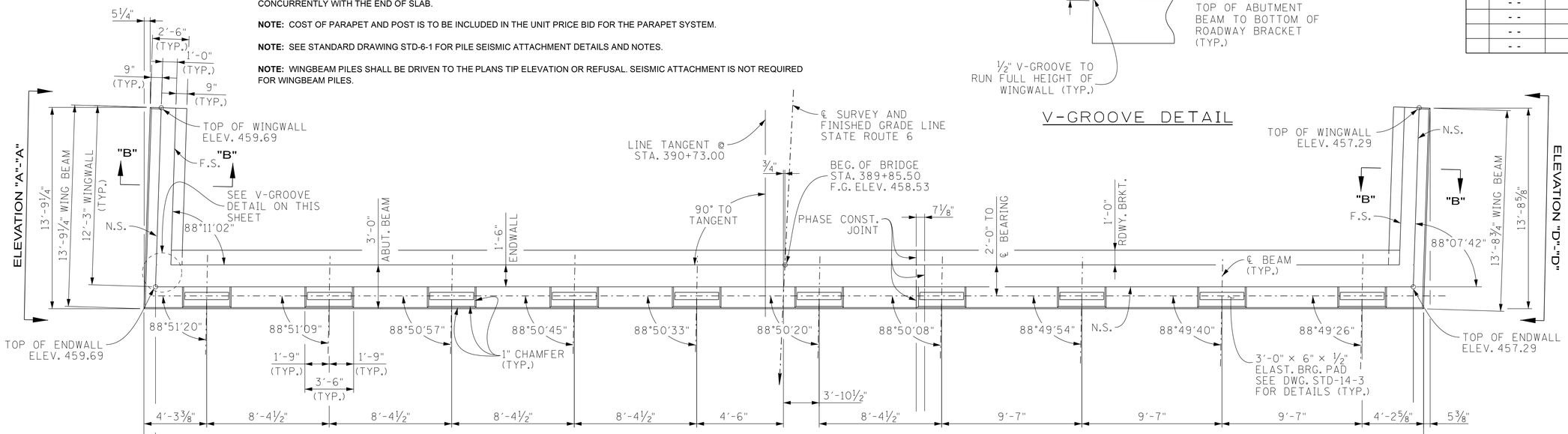
NOTE: COST OF PARAPET AND POST IS TO BE INCLUDED IN THE UNIT PRICE BID FOR THE PARAPET SYSTEM.

NOTE: SEE STANDARD DRAWING STD-6-1 FOR PILE SEISMIC ATTACHMENT DETAILS AND NOTES.

NOTE: WINGBEAM PILES SHALL BE DRIVEN TO THE PLANS TIP ELEVATION OR REFUSAL. SEISMIC ATTACHMENT IS NOT REQUIRED FOR WINGBEAM PILES.

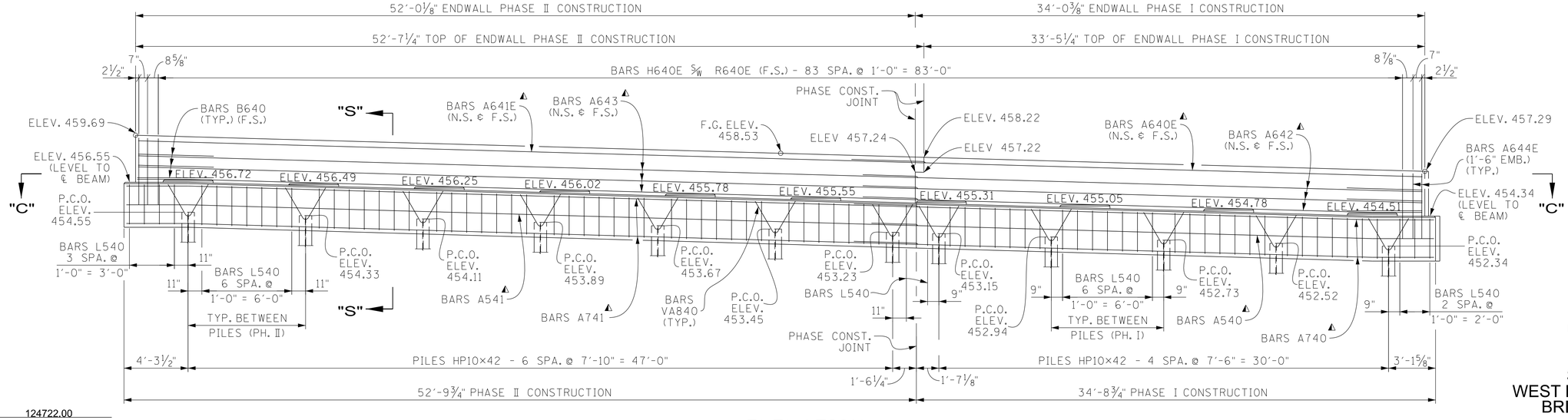


V-GROOVE DETAIL



N.S. DENOTES: NEAR SIDE
F.S. DENOTES: FAR SIDE
P.C.O. DENOTES: PILE CUT-OFF

PLAN

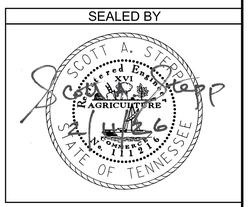


ELEVATION
(LOOKING BACK ON SURVEY)

▲ DENOTES:

BARS A640E (PH. I) ⅝W	A641E (PH. II)	(4'-10" MIN. SPLICE)
BARS A642 (PH. I) ⅝W	A643 (PH. II)	(3'-7" MIN. SPLICE)
BARS A440 (PH. I) ⅝W	A441 (PH. II)	(2'-5" MIN. SPLICE)
BARS A740 (PH. I) ⅝W	A741 (PH. II)	(4'-2" MIN. SPLICE)
BARS A540 (PH. I) ⅝W	A541 (PH. II)	(3'-0" MIN. SPLICE)

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 1
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-193

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: P. MOSHER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12/1/2025 2:11:21 PM

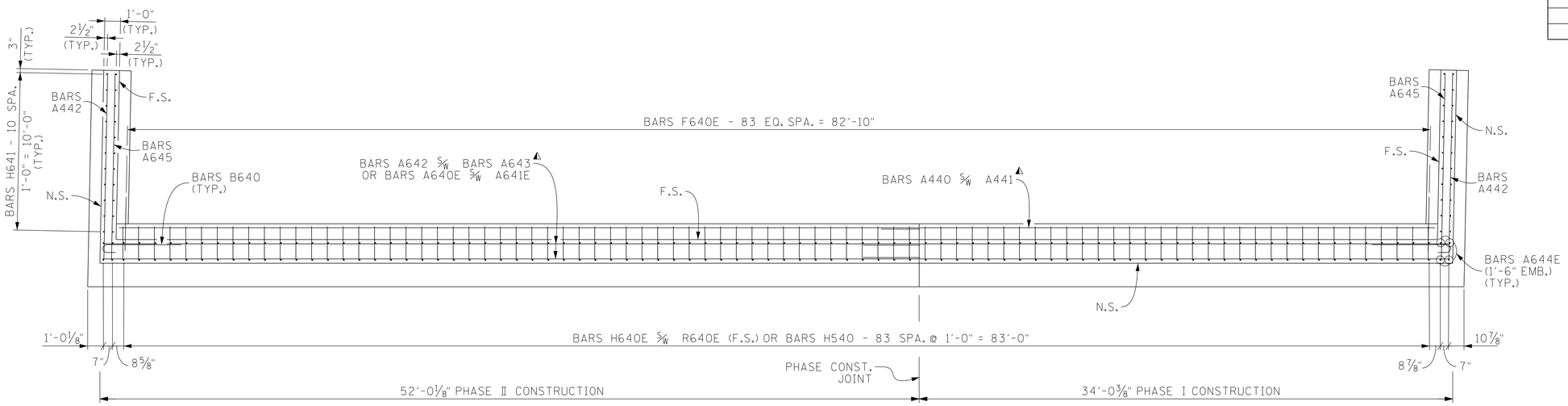
CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

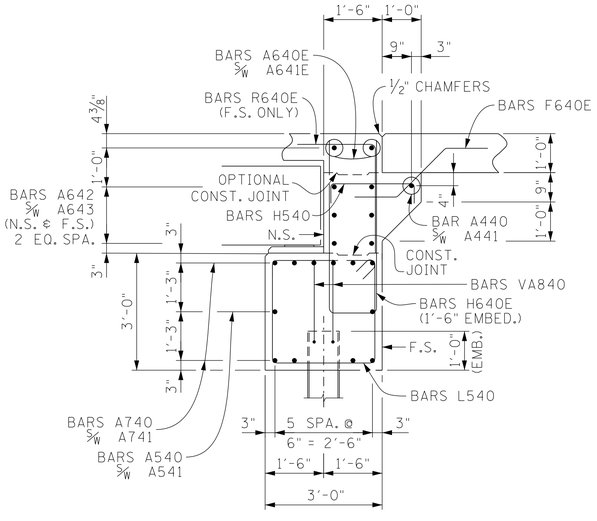
NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
	- -		
	- -		
	- -		

N.S. DENOTES: NEAR SIDE
F.S. DENOTES: FAR SIDE

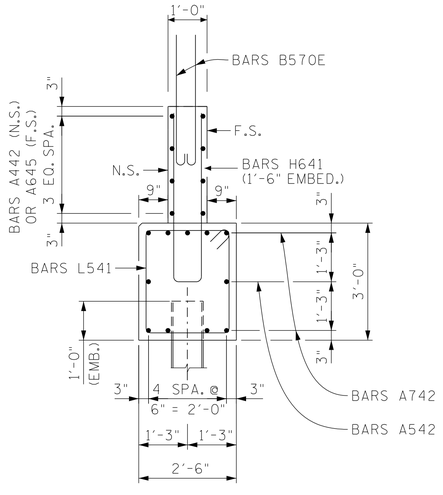


SECTION "C"-"C"

⚠ DENOTES:
BARS A640E (PH. I) S/W A641E (PH. II) (4'-10" MIN. SPLICE)
BARS A642 (PH. I) S/W A643 (PH. II) (3'-7" MIN. SPLICE)
BARS A440 (PH. I) S/W A441 (PH. II) (2'-5" MIN. SPLICE)
BARS A740 (PH. I) S/W A741 (PH. II) (4'-2" MIN. SPLICE)
BARS A540 (PH. I) S/W A541 (PH. II) (3'-0" MIN. SPLICE)

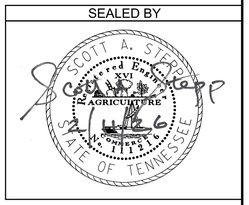


SECTION "S"-"S"



SECTION "B"-"B"

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 1 DETAILS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-194

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: P. MOSHER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12/1/2025 2:12:11 PM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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	- -		
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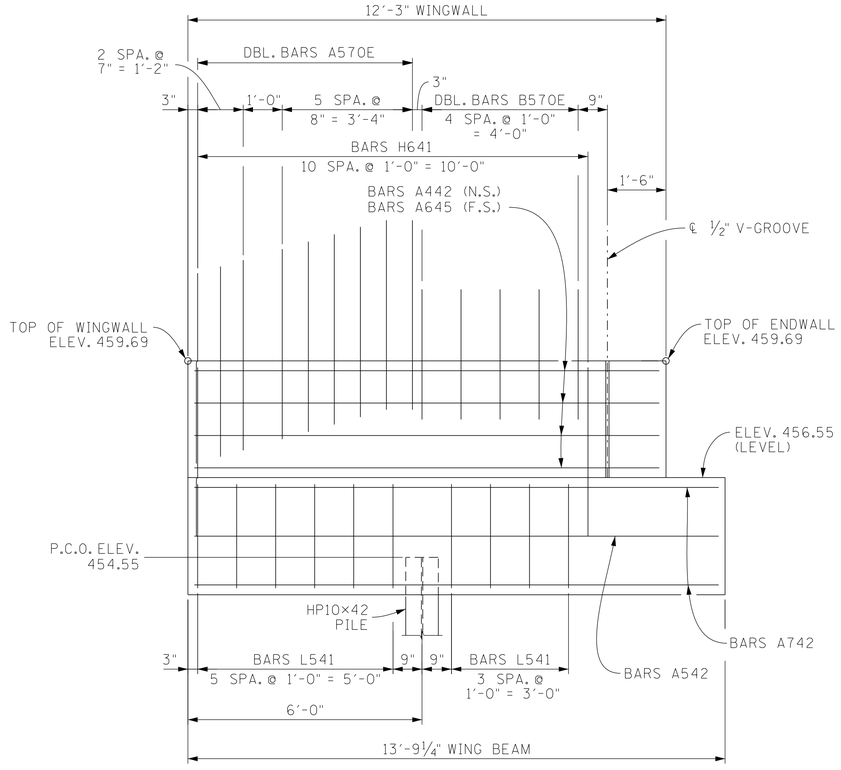
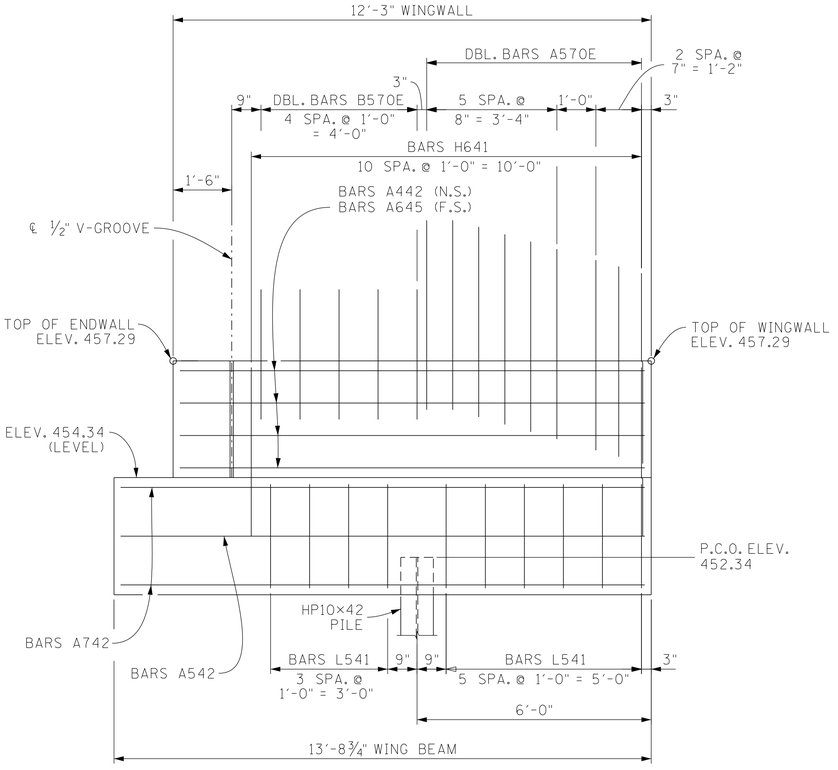
	- -		



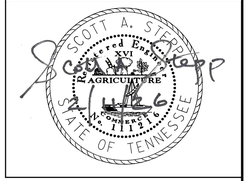
ELEVATION "A"-"A"



ELEVATION "D"-"D"

N.S. DENOTES: NEAR SIDE
F.S. DENOTES: FAR SIDE
P.C.O. DENOTES: PILE CUT-OFF

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 1 DETAILS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-195

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: P. MOSHER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12/1/2025 2:13:02 PM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
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	- -		
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NOTES

NOTE: RISER BLOCKS SHALL BE POURED MONOLITHICALLY WITH THE ABUTMENT BEAM.

NOTE: ELASTOMERIC PADS SHALL BE IN PLACE A MINIMUM OF ONE DAY BEFORE BEING DISTURBED BY SETTING BEAMS. PLACE RUBBER BONDING CEMENT IN SUCH A WAY THAT VISIBLE CONCRETE SURFACES WILL NOT BE STAINED.

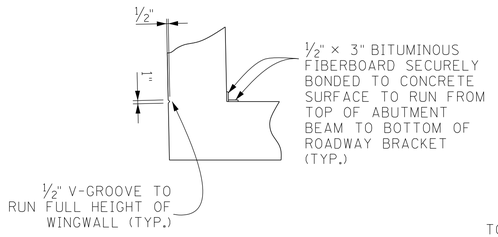
NOTE: WHEN POURING WINGWALLS, PROVISIONS SHALL BE MADE FOR SETTING REINFORCING STEEL FOR WINGPOSTS AND PARAPETS. FOR DETAILS OF WINGPOSTS AND PARAPETS, SEE STD. DWG. NO. STD-11-1.

NOTE: NOT LESS THAN HALF OF THE SLAB IN THE END SPANS SHALL BE POURED PRIOR TO, OR CONCURRENTLY WITH, PLACEMENT OF ANY PART OF THE ABUTMENT ENDWALLS. AT LEAST THE TOP 12 INCHES OF THE ENDWALLS SHALL BE POURED CONCURRENTLY WITH THE END OF SLAB.

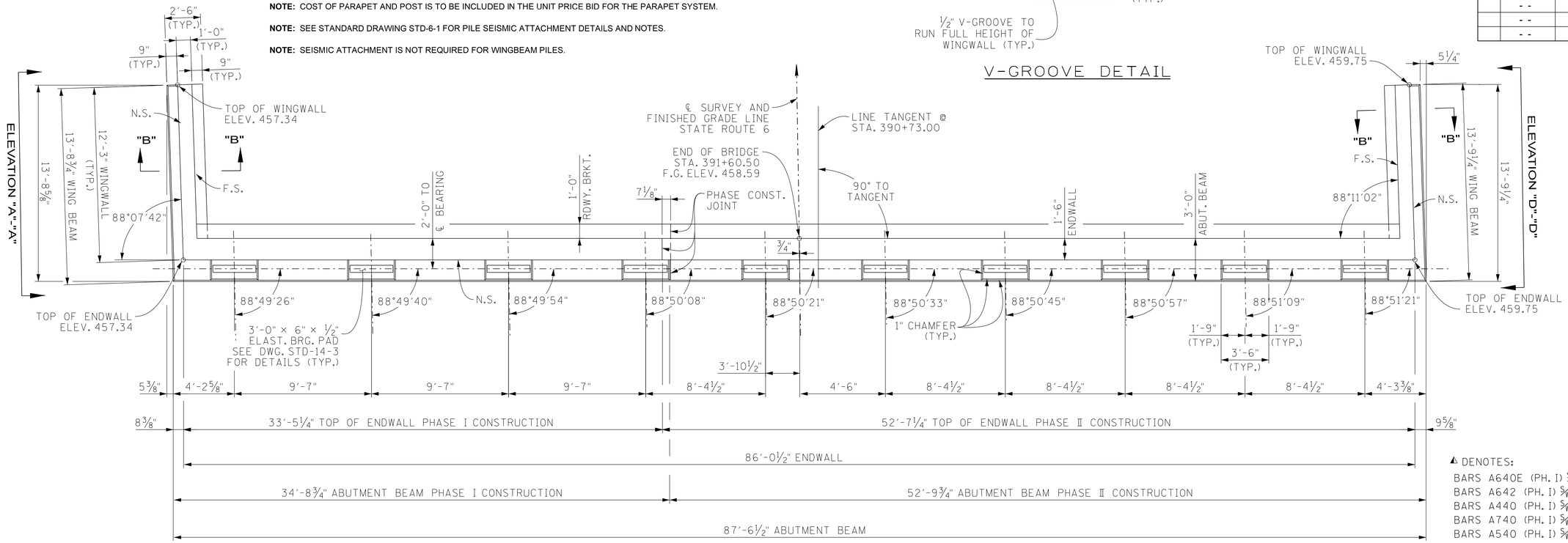
NOTE: COST OF PARAPET AND POST IS TO BE INCLUDED IN THE UNIT PRICE BID FOR THE PARAPET SYSTEM.

NOTE: SEE STANDARD DRAWING STD-6-1 FOR PILE SEISMIC ATTACHMENT DETAILS AND NOTES.

NOTE: SEISMIC ATTACHMENT IS NOT REQUIRED FOR WINGBEAM PILES.



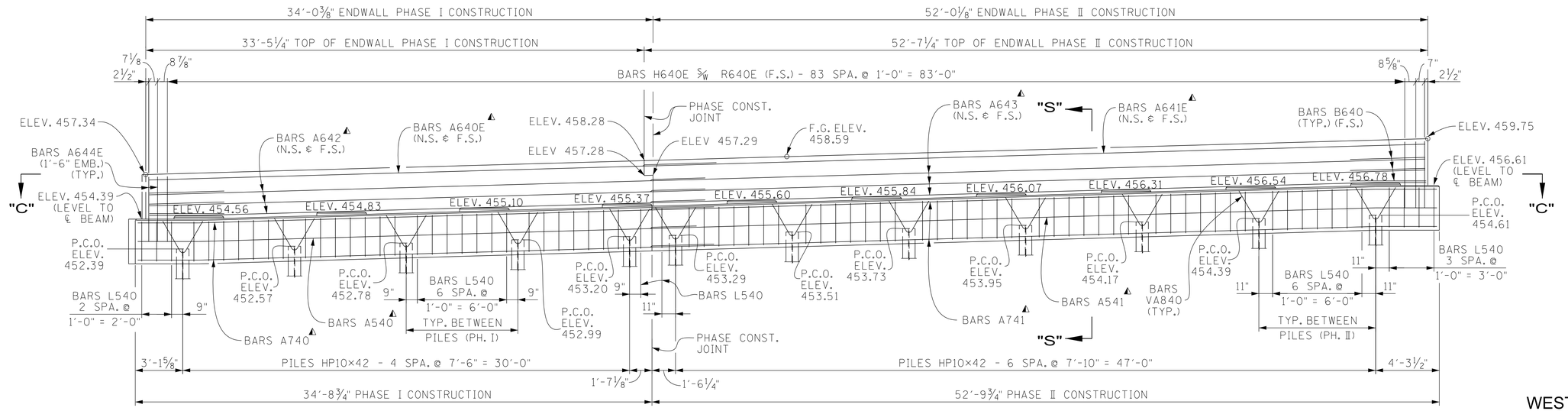
V-GROOVE DETAIL



N.S. DENOTES: NEAR SIDE
F.S. DENOTES: FAR SIDE
P.C.O. DENOTES: PILE CUT-OFF

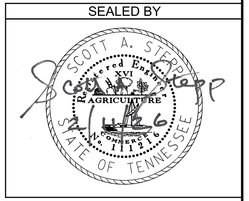
⚠ DENOTES:
BARS A640E (PH. I) S/W A641E (PH. II) (4'-10" MIN. SPLICE)
BARS A642 (PH. I) S/W A643 (PH. II) (3'-7" MIN. SPLICE)
BARS A440 (PH. I) S/W A441 (PH. II) (2'-5" MIN. SPLICE)
BARS A740 (PH. I) S/W A741 (PH. II) (4'-2" MIN. SPLICE)
BARS A540 (PH. I) S/W A541 (PH. II) (3'-0" MIN. SPLICE)

PLAN



ELEVATION
(LOOKING FORWARD ON SURVEY)

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 2
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-196

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: P. MOSHER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12/1/2025 2:15:18 PM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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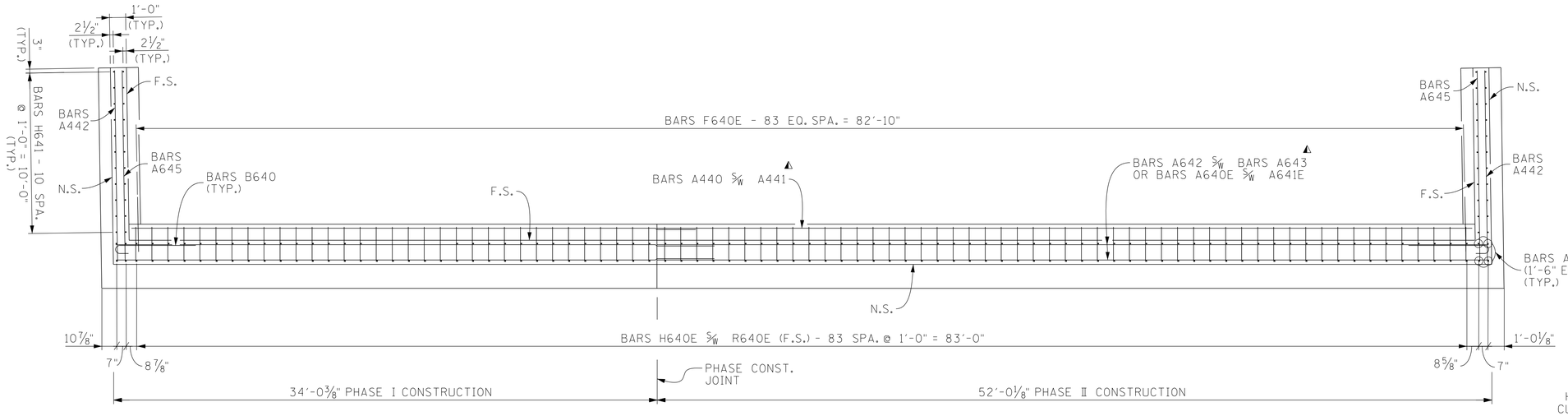
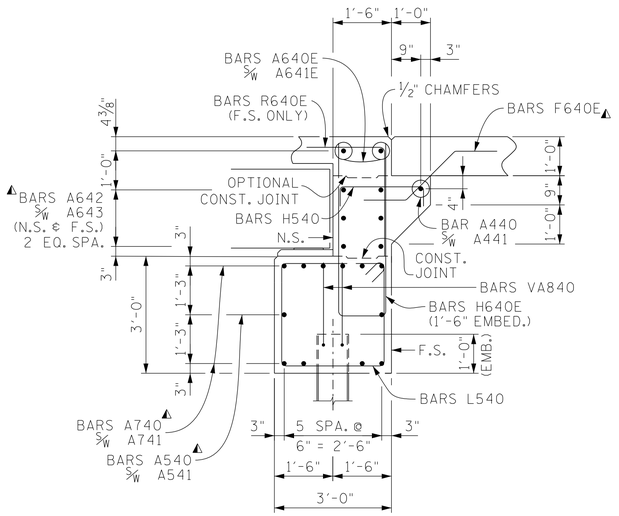


SECTION "C"-"C"

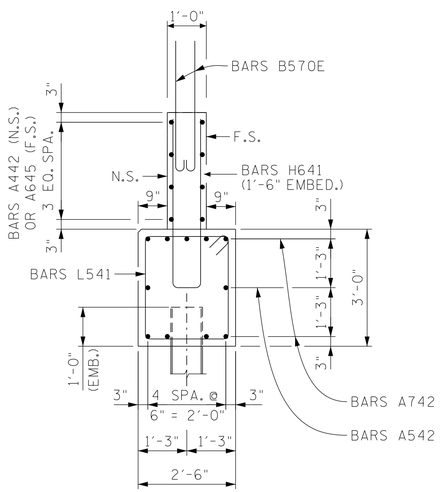
N.S. DENOTES: NEAR SIDE
F.S. DENOTES: FAR SIDE

▲ DENOTES:

BARS A640E (PH. I) S/W A641E (PH. II) (4'-10" MIN. SPLICE)
BARS A642 (PH. I) S/W A643 (PH. II) (3'-7" MIN. SPLICE)
BARS A440 (PH. I) S/W A441 (PH. II) (2'-5" MIN. SPLICE)
BARS A740 (PH. I) S/W A741 (PH. II) (4'-2" MIN. SPLICE)
BARS A540 (PH. I) S/W A541 (PH. II) (3'-0" MIN. SPLICE)



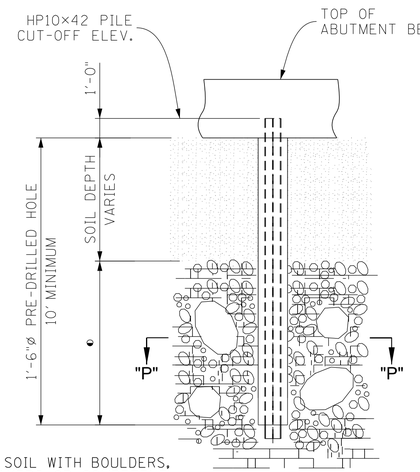
SECTION "S"-"S"



SECTION "B"-"B"

DETAIL "P"-"P"

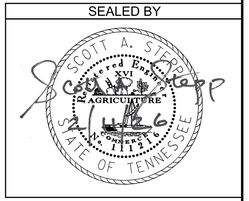
NOTE: CONTRACTOR WILL BE REQUIRED TO PRE-DRILL HOLES FOR ALL PILES. PILES WILL BE PLACED IN THE PRE-DRILLED HOLES, DRIVEN TO REFUSAL AND HOLES WILL BE FILLED WITH #57 STONE.
(COST OF #57 STONE TO BE INCLUDED IN ITEM NO. 204-14 AND 204-15).



◐ DENOTES: EMBEDMENT INTO SOIL WITH BOULDERS, HIGHLY-WEATHERED ROCK LAYERS, OR COMPETENT ROCK LAYERS.

PRE-DRILLED ITEM DETAIL
(@ ABUTMENT NO. 2)

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 2 DETAILS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-197

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: P. MOSHER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12:15:16 PM
12/8/2025

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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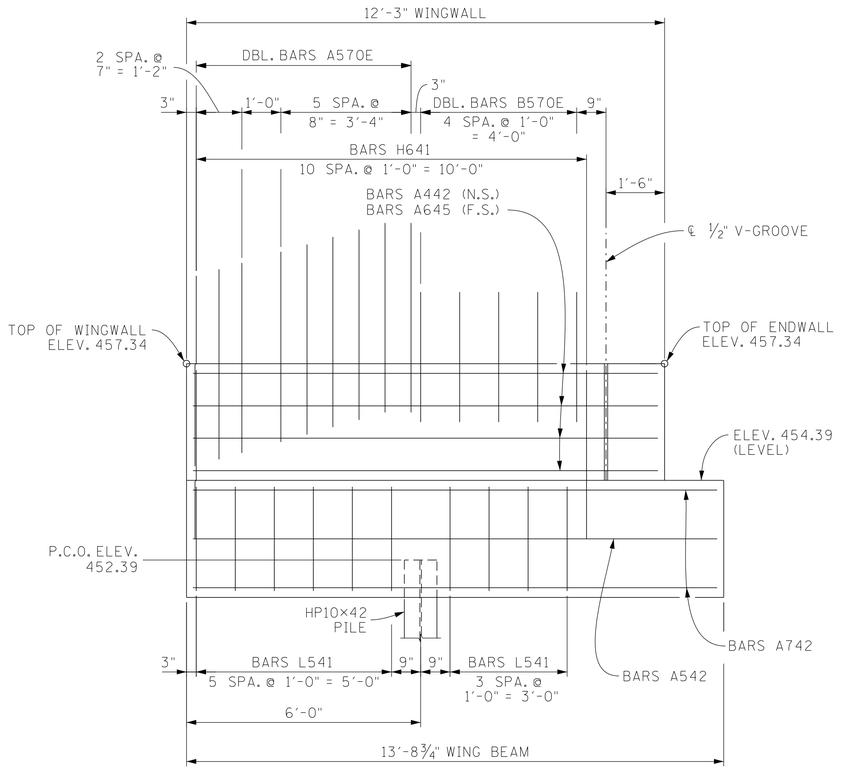
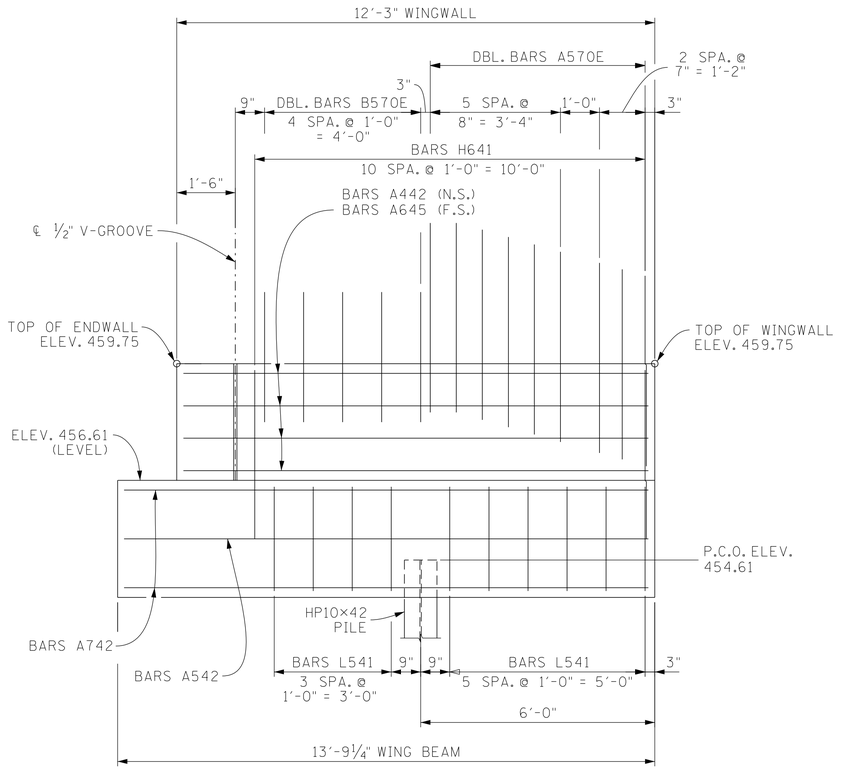


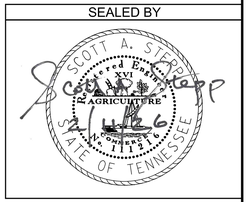
ELEVATION "A"-"A"



ELEVATION "D"-"D"

N.S. DENOTES: NEAR SIDE
F.S. DENOTES: FAR SIDE
P.C.O. DENOTES: PILE CUT-OFF

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 2 DETAILS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-198

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: P. MOSHER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12/1/2025 2:16:08 PM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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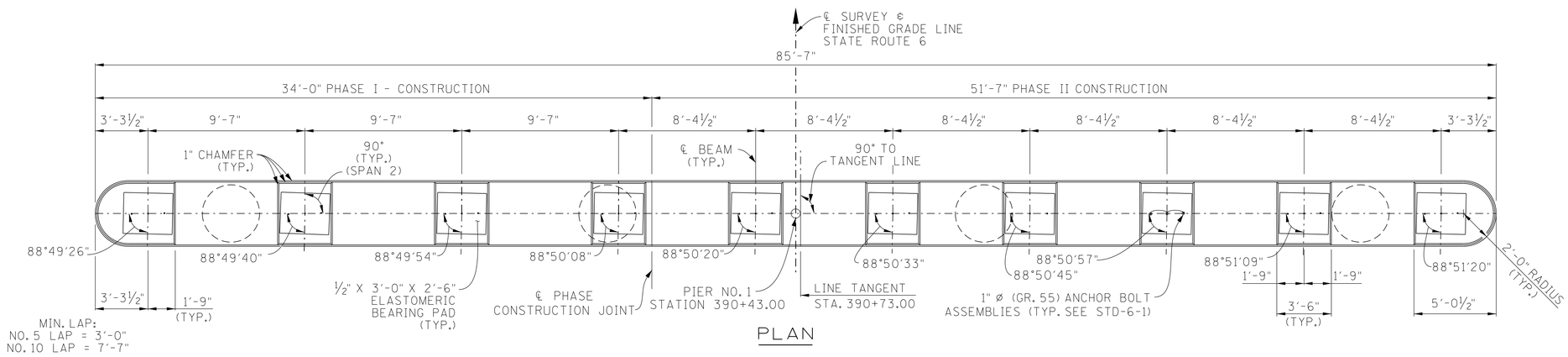
NOTE: WHEN POURING CAP BEAM, PROVISIONS SHALL BE MADE FOR SETTING ANCHOR BOLTS. SEE STANDARD DRAWING STD-6-1. BOLT PROJECTION 11".

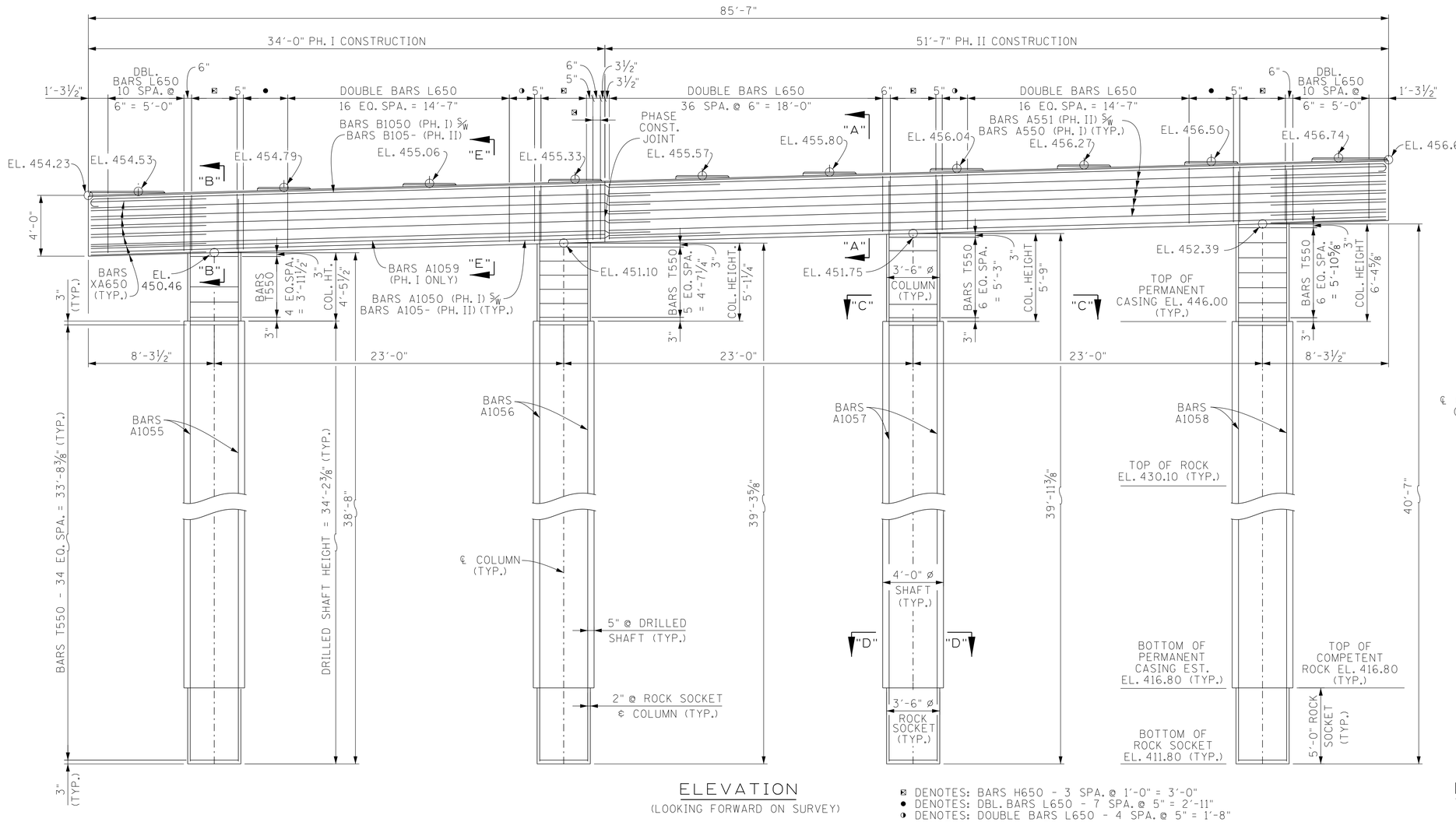
NOTE: RISER BLOCKS SHALL BE POURED MONOLITHICALLY WITH PIER CAP.

NOTE: ELASTOMERIC PADS SHALL BE IN PLACE A MINIMUM OF ONE DAY BEFORE BEING DISTURBED BY SETTING BEAMS ON CONCRETE. PLACE RUBBER BONDING CEMENT IN SUCH A WAY THAT VISIBLE CONCRETE SURFACES WILL NOT BE STAINED.

NOTE: COLUMN STEEL SHALL EXTEND 3'-6" INTO PIER CAP.

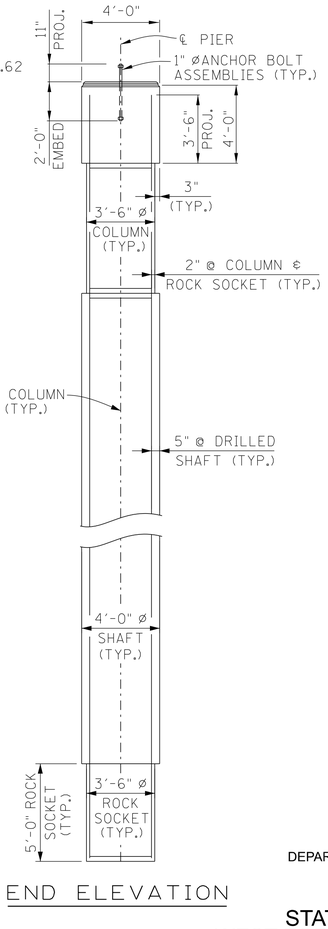


PLAN



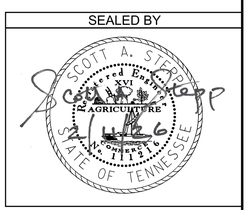
ELEVATION
(LOOKING FORWARD ON SURVEY)

⊠ DENOTES: BARS H650 - 3 SPA. @ 1'-0" = 3'-0"
● DENOTES: DBL. BARS L650 - 7 SPA. @ 5" = 2'-11"
◑ DENOTES: DOUBLE BARS L650 - 4 SPA. @ 5" = 1'-8"
⊠ DENOTES: DOUBLE BARS L650



END ELEVATION

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIER NO. 1
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-199

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: TRENT JOHNSTON (AH) DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

12/5/2025 9:41:41 AM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
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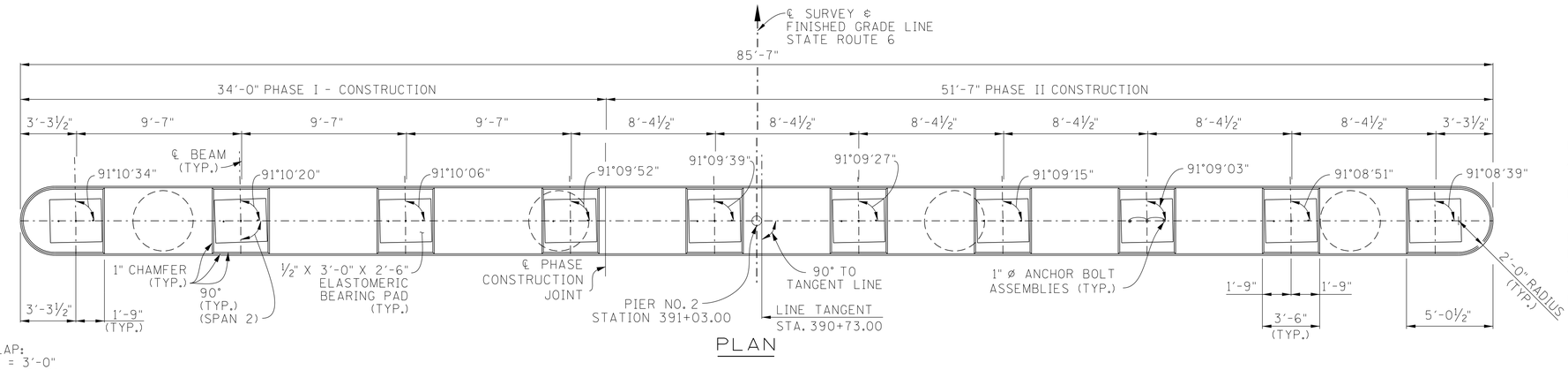
	- -		
	- -		

NOTE: WHEN POURING CAP BEAM, PROVISIONS SHALL BE MADE FOR SETTING ANCHOR BOLTS. SEE STANDARD DRAWING STD-6-1. BOLT PROJECTION 11".

NOTE: RISER BLOCKS SHALL BE POURED MONOLITHICALLY WITH PIER CAP.

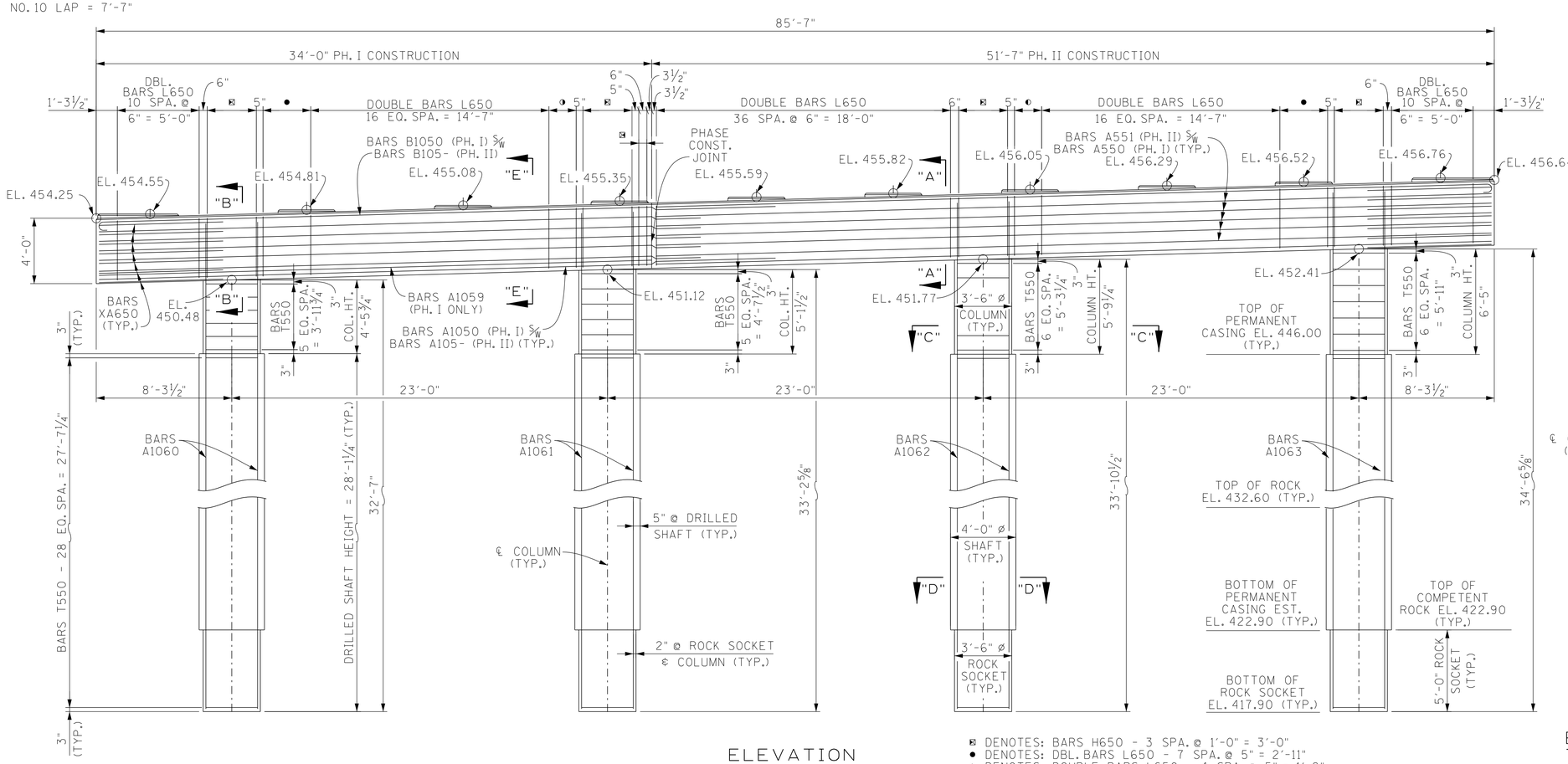
NOTE: ELASTOMERIC PADS SHALL BE IN PLACE A MINIMUM OF ONE DAY BEFORE BEING DISTURBED BY SETTING BEAMS ON CONCRETE. PLACE RUBBER BONDING CEMENT IN SUCH A WAY THAT VISIBLE CONCRETE SURFACES WILL NOT BE STAINED.

NOTE: COLUMN STEEL SHALL EXTEND 3'-6" INTO PIER CAP.

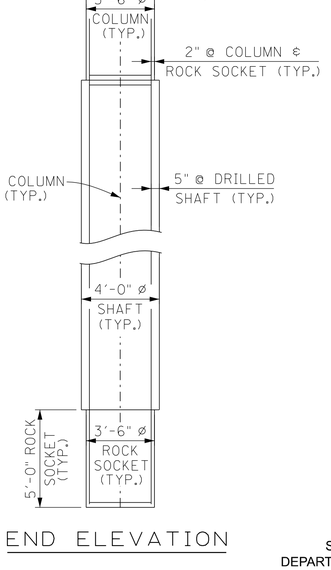


PLAN

MIN. LAP:
NO. 5 LAP = 3'-0"
NO. 10 LAP = 7'-7"



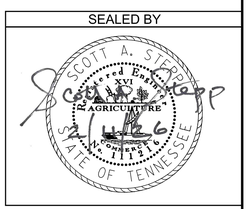
ELEVATION
(LOOKING FORWARD ON SURVEY)



END ELEVATION

■ DENOTES: BARS H650 - 3 SPA. @ 1'-0" = 3'-0"
● DENOTES: DBL. BARS L650 - 7 SPA. @ 5" = 2'-11"
◑ DENOTES: DOUBLE BARS L650 - 4 SPA. @ 5" = 1'-8"
⊠ DENOTES: DOUBLE BARS L650

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIER NO. 2
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-200

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: TRENT JOHNSTON (AH) DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

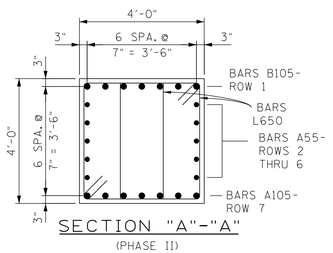
10:16:20 AM
12/5/2025

CONST. NO.: 83077-3219-94

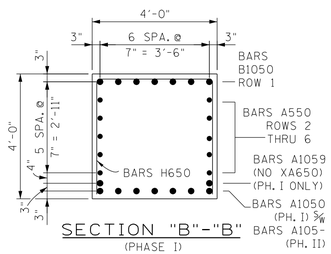
PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

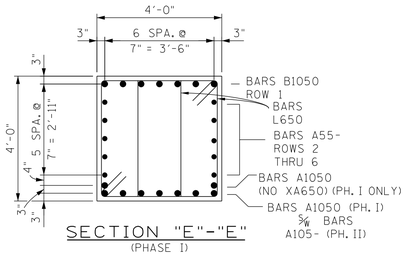
NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
	- -		
	- -		
	- -		



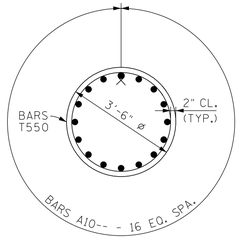
SECTION "A"-"A"
(PHASE II)



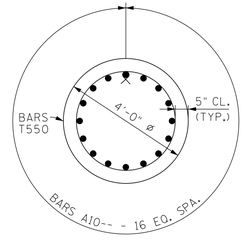
SECTION "B"-"B"
(PHASE I)



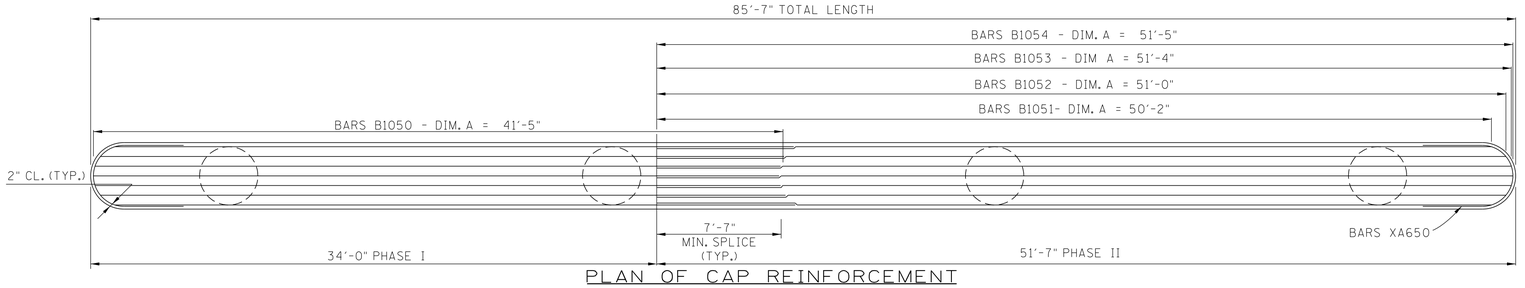
SECTION "E"-"E"
(PHASE I)



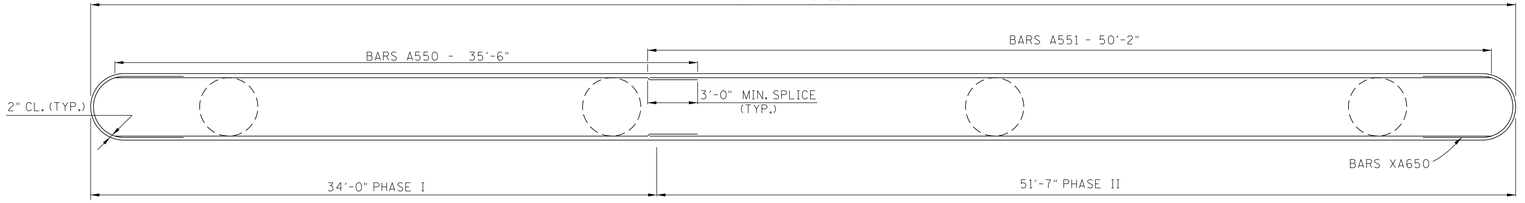
SECTION "C"-"C"
COLUMN SHOWN
(ROCK SOCKET IS SIMILAR)



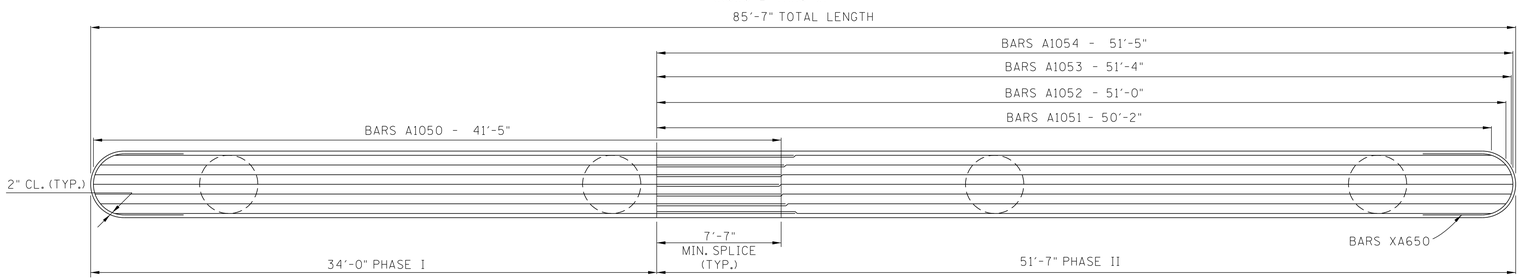
SECTION "D"-"D"



PLAN OF CAP REINFORCEMENT
(ROW 1)

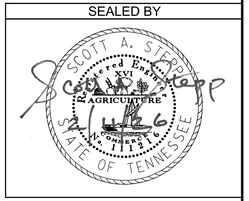


PLAN OF CAP REINFORCEMENT
(ROWS 2 THRU 6)



PLAN OF CAP REINFORCEMENT
(ROW 7)

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIER NOS. 1 & 2 DETAILS
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-201

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: TRENT JOHNSTON (AH) DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

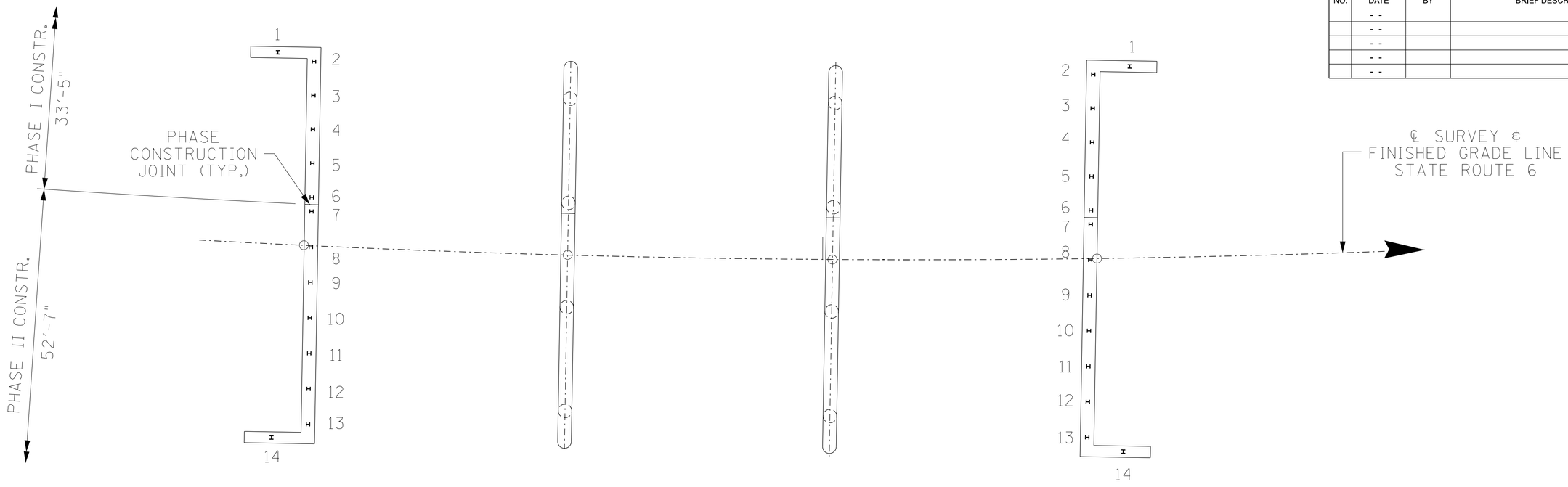
12/8/2025 1:20:52 PM

CONST. NO.: 83077-3219-94

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
	- -		
	- -		
	- -		



ABUTMENT NO. 1 PIER NO. 1 PIER NO. 2 ABUTMENT NO. 2

PLAN

PILE DATA TABLE

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
ABUTMENT NO. 1	PILE CUT-OFF ELEVATION														
	IN PLACE PILE LENGTH														
	PILE TIP ELEVATION														
ABUTMENT NO. 2	PILE CUT-OFF ELEVATION														
	IN PLACE PILE LENGTH														
	PILE TIP ELEVATION														

DRILLED SHAFT TABLE

		1	2	3	4
PIER NO. 1	GROUND LINE ELEVATION				
	TOP OF ROCK ELEV.				
	BOTTOM OF ROCK ELEV.				
PIER NO. 2	GROUND LINE ELEVATION				
	TOP OF ROCK ELEV.				
	BOTTOM OF ROCK ELEV.				

NOTE TO CONTRACTOR AND CONSTRUCTION OFFICE:
THE BLANKS ON THIS SHEET ARE TO BE FILLED IN BY THE CONSTRUCTION OFFICE AND/OR FIELD ENGINEER GIVING AS BUILT CONDITIONS. AFTER COMPLETION, IT IS TO BE SENT TO THE DIVISION OF STRUCTURES TO BECOME PART OF FINAL BRIDGE DOCUMENTS.

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: A. HUNTER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

FINAL FOUNDATION DATA
STATE ROUTE 6 OVER
WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-202

12/4/2025 2:39:04 PM

CONST. NO.: 83077-3219-94

SUPERSTRUCTURE

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A500	DIAPHRAGM	5	12					34'-3"
A501	DIAPHRAGM	5	12					50'-1"
L400	DIAPHRAGM	4	114	1'-2"	1'-8"			6'-5"
L401	DIAPHRAGM	4	40	1'-2"	1'-2"			5'-5"

SUPERSTRUCTURE (EPOXY)

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A400E	SIDEWALK	4	54					60'-0"
A401E	SIDEWALK	4	18					51'-5"
A402E	SIDEWALK	4	150					9'-8"
A403E	SIDEWALK	4	150					5'-8"
A500E	SLAB	5	198					60'-0"
A501E	SLAB	5	66					5'-2"
A502E	SLAB	5	552					36'-11"
A503E	SLAB	5	552					52'-5"
A600E	SLAB	6	178					42'-0"
A601E	SLAB	6	89					21'-8"
A700E	SLAB	7	166					34'-6"
A701E	SLAB	7	178					40'-2"
B571E	PARAPET/SLAB	5	704	3'-4"				3'-11"

ABUTMENT NO. 1

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A440	RDWY. BRKT. PH. 1	4	1					35'-4"
A441	RDWY. BRKT. PH. 2	4	1					50'-8"
A442	WINGWALLS	4	8					11'-11"
A540	ABUT. BEAM PH. 1	5	2					37'-6"
A541	ABUT. BEAM PH. 2	5	2					52'-7"
A542	WING BEAMS	5	4					13'-4"
A642	ENDWALL PH. 1	6	6					37'-5"
A643	ENDWALL PH. 2	6	6					51'-10"
A645	WINGWALLS	6	8					11'-11"
A740	ABUT. BEAM PH. 1	7	10					38'-8"
A741	ABUT. BEAM PH. 2	7	10					52'-7"
A742	WING BEAMS	7	18					13'-4"
B640	ENDWALL	6	6	5'-0"				5'-8"
H540	RDWY. BRKT./ENDWALL	5	84	2'-2"	6"			3'-2"
H641	WING BEAMS	6	22	8"	4'-3"			9'-2"
L540	ABUTMENT BEAM	5	79	2'-8"	2'-8"			11'-7"
L541	WING BEAMS	5	20	2'-2"	2'-8"			10'-7"
VA840	PILES/ABUT. BEAM	8	24	2'-6"	2'-6"			5'-0"

ABUTMENT NO. 1 (EPOXY)

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A570E	WINGWALL/BRIDGERAIL	5	36					5'-7"
A640E	ENDWALL PH. 1	6	2					38'-9"
A641E	ENDWALL PH. 2	6	2					52'-7"
A644E	ENDWALL	6	8					4'-4"
B570E	WINGWALL/BRIDGERAIL	5	20	3'-4"				3'-11"
F640E	RDWY. BRKT./P.A.B.E.	6	84	1'-1"	1'-3"	1'-1"	1'-3"	4'-0"
H640E	ABUT. BEAM/ENDWALL	6	84	1'-2"	4'-4"			9'-10"
R640E	ABUT. BEAM/SLAB	6	84	2'-0"	2'-10"			4'-10"

ABUTMENT NO. 2

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A440	RDWY. BRKT. PH. 1	4	1					35'-4"
A441	RDWY. BRKT. PH. 2	4	1					50'-8"
A442	WINGWALLS	4	8					11'-11"
A540	ABUT. BEAM PH. 1	5	2					37'-6"
A541	ABUT. BEAM PH. 2	5	2					52'-7"
A542	WING BEAMS	5	4					13'-4"
A642	ENDWALL PH. 1	6	6					37'-5"
A643	ENDWALL PH. 2	6	6					51'-10"
A645	WINGWALLS	6	8					11'-11"
A740	ABUT. BEAM PH. 1	7	10					38'-8"
A741	ABUT. BEAM PH. 2	7	10					52'-7"
A742	WING BEAMS	7	18					13'-4"
B640	ENDWALL	6	6	5'-0"				5'-8"
H540	RDWY. BRKT./ENDWALL	5	84	2'-2"	6"			3'-2"
H641	WING BEAMS	6	22	8"	4'-3"			9'-2"
L540	ABUTMENT BEAM	5	79	2'-8"	2'-8"			11'-7"
L541	WING BEAMS	5	20	2'-2"	2'-8"			10'-7"
VA840	PILES/ABUT. BEAM	8	24	2'-6"	2'-6"			5'-0"

ABUTMENT NO. 2 (EPOXY)

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A570E	WINGWALL/BRIDGERAIL	5	36					5'-7"
A640E	ENDWALL PH. 1	6	2					38'-9"
A641E	ENDWALL PH. 2	6	2					52'-7"
A644E	ENDWALL	6	8					4'-4"
B570E	WINGWALL/BRIDGERAIL	5	20	3'-4"				3'-11"
F640E	RDWY. BRKT./P.A.B.E.	6	84	1'-1"	1'-3"	1'-1"	1'-3"	4'-0"
H640E	ABUT. BEAM/ENDWALL	6	84	1'-2"	4'-4"			9'-10"
R640E	ABUT. BEAM/SLAB	6	84	2'-0"	2'-10"			4'-10"

PIER NO. 1

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A550	CAP PH. 1	5	10					35'-6"
A551	CAP PH. 2	5	10					50'-2"
A1050	CAP PH. 1	10	7					41'-5"
A1051	CAP PH. 2	10	2					50'-2"
A1052	CAP PH. 2	10	2					51'-0"
A1053	CAP PH. 2	10	2					51'-4"
A1054	CAP PH. 2	10	1					51'-5"
A1059	CAP PH. 1	10	2					32'-6"
B1050	CAP PH. 1	10	7	41'-5"				42'-10"
B1051	CAP PH. 2	10	2	50'-2"				51'-7"
B1052	CAP PH. 2	10	2	51'-0"				52'-5"
B1053	CAP PH. 2	10	2	51'-4"				52'-9"
B1054	CAP PH. 2	10	1	51'-5"				52'-10"
H650	CAP	6	16	3'-8"	3'-8"			11'-0"
L650	CAP	6	234	2'-6"	3'-8"			13'-8"
T550	COLUMNS	5	25	3'-2"				10'-11"
XA650	CAP	6	14	3'-7"	1'-10"			12'-11"

PIER NO. 1 DRILLED SHAFT

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A1055	SHAFT PH. 1	10	16					42'-2"
A1056	SHAFT PH. 1	10	16					42'-10"
A1057	SHAFT PH. 2	10	16					43'-6"
A1058	SHAFT PH. 2	10	16					44'-2"
T550	SHAFT	5	140	3'.2"				10'-11"

PIER NO. 2

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A550	CAP PH. 1	5	10					35'-6"
A551	CAP PH. 2	5	10					50'-2"
A1050	CAP PH. 1	10	7					41'-5"
A1051	CAP PH. 2	10	2					50'-2"
A1052	CAP PH. 2	10	2					51'-0"
A1053	CAP PH. 2	10	2					51'-4"
A1054	CAP PH. 2	10	1					51'-5"
A1059	CAP PH. 1	10	2					32'-6"
B1050	CAP PH. 1	10	7	41'-5"				42'-10"
B1051	CAP PH. 2	10	2	50'-2"				51'-7"
B1052	CAP PH. 2	10	2	51'-0"				52'-5"
B1053	CAP PH. 2	10	2	51'-4"				52'-9"
B1054	CAP PH. 2	10	1	51'-5"				52'-10"
H650	CAP	6	16	3'-8"	3'-8"			11'-0"
L650	CAP	6	234	2'.6"	3'.8"			13'-8"
T550	COLUMNS	5	26	3'-2"				10'-11"
XA650	CAP	6	14	3'-7"	1'-10"			12'-11"

PIER NO. 2 DRILLED SHAFT

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A1060	SHAFT PH. 1	10	16					36'-2"
A1061	SHAFT PH. 1	10	16					36'-9"
A1062	SHAFT PH. 2	10	16					37'-5"
A1063	SHAFT PH. 2	10	16					38'-0"
T550	SHAFT	5	116	3'-2"				10'-11"

PROJECT NO.	YEAR	SHEET NO.
BR-NH-6(127)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
	- -		
	- -		
	- -		
	- -		
	- -		

LENGTH

BARS A

A

BARS B

D

A B C

BARS F

A

B

BARS R

45°

A

BARS T

A 60° B

BARS VA

B

45°

A

BARS L

A

B

BARS H

B

A

BARS XA

REINFORCING STEEL CODE

TYPE	SIZE	SERIES
A	5	06

NOTE: DIMENSIONS SHOWN ON THIS SHEET ARE OUTSIDE TO OUTSIDE OF BAR. STANDARD C.R.S.I. HOOK DETAILS SHALL APPLY, EXCEPT AS NOTED.

NOTE: THE SUFFIX E FOR BARS SO MARKED DENOTES EPOXY COATED REINFORCEMENT.

SEALED BY

SCOTT A. STEPP
Licensed Engineer
STATE OF TENNESSEE
DEPARTMENT OF AGRICULTURE
REGISTERED

PIN NO.: 124722.00
DESIGN BY: B. ROMANO DATE: 08/23
DRAWN BY: P. MOSHER DATE: 10/23
SUPERVISED BY: D. EASTERLY/S. STEPP DATE: 10/23
CHECKED BY: B. BARTROM DATE: 01/24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

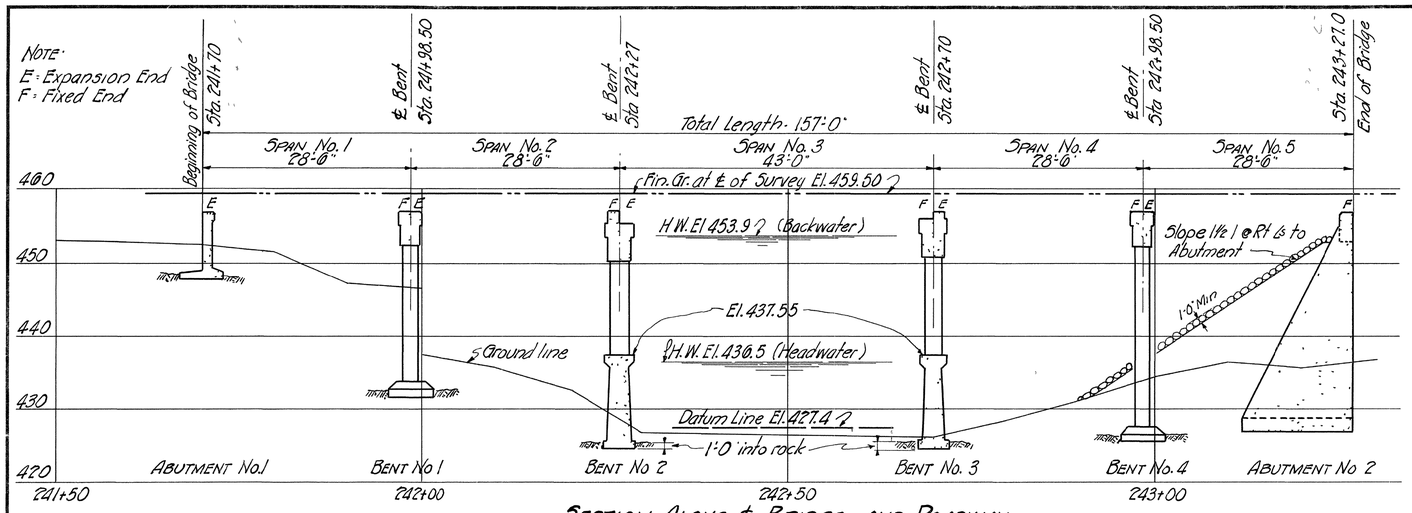
BILL OF STEEL
STATE ROUTE 6 OVER WEST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060007
LOG MILE 9.84
STATION 390+73.00
SUMNER COUNTY

U-100-203

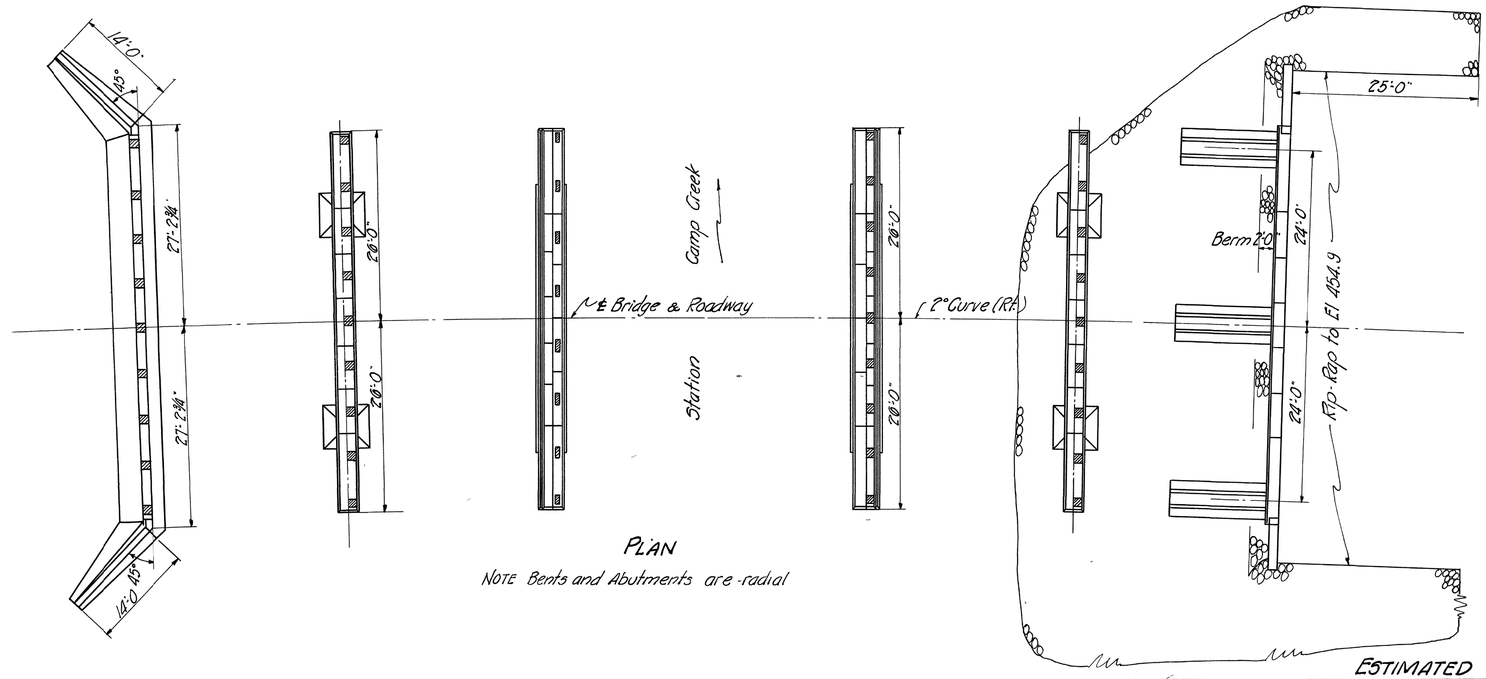
12/1/2025 2:17:10 PM

Last revision 6-15-38

FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN	[illegible]	19	1C	23

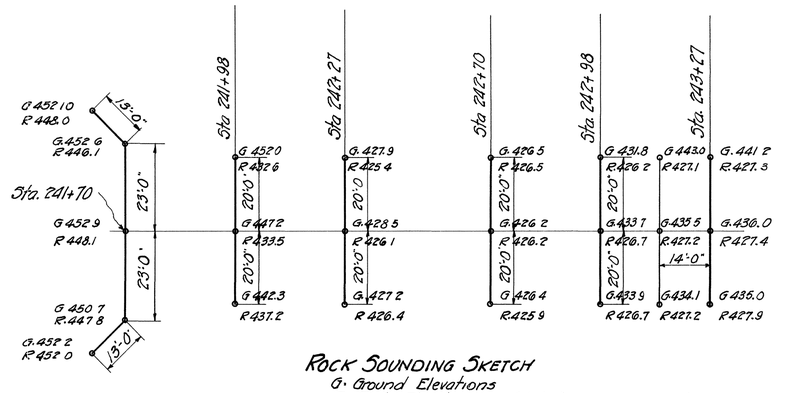


SECTION ALONG ℄ BRIDGE AND ROADWAY



PLAN

NOTE Bents and Abutments are radial



ROCK SOUNDING SKETCH

G: Ground Elevations
R: Rock Elevations. All holes were cored 6'-0"

NOTE After rock has been uncovered holes 6 ft. deep shall be drilled into rock at points designated by the Engineer.

GENERAL NOTES

Specifications Standard Road and Bridge Specifications of the Tennessee Department of Highways and Public Works
Concrete in Handrail to be Class "S".
Concrete in Bents No 2 & 3 below El. 437.55 to be Class "B"
Concrete in remainder of Structure to be Class "A".
Forms and Finish: See Specifications.
Rock Foundation: See Specifications.
Rip-Rap: See Specifications
Reinforcing Steel: See Specifications

LIST OF DRAWINGS

For Details of Handrail see	B-2-129
See also Details on	B-12-4
For Details of Spans No 1, 2 4 & 5 see	B-12-2
For Details of Span No. 3 see	B-12-3
For Details of Abutment No.1 see	B-12-4
For Details of Bents No 1 & 4 see	B-12-5
For Details of Bents No 2 & 3 see	B-12-6
For Details of Abutment No 2 see	B-12-7

40'-0 ROADWAY & 2-5'-0" SIDEWALKS

ESTIMATED QUANTITIES

ITEM	Excavation Cu. Yds			Concrete Cu. Yds.			Steel Lbs.			Phosphor Bronze Plates	Rip Rap	Rock Drilling
	DRY	WET	ROCK	CL. S	CL. A	CL. B	REINFORC.	STRUCT.	FORGINGS	LBS.	CU YDS.	LIN. FT.
Superstructure	—	—	—	22.2	—	—	2061	—	—	—	—	—
Deckgirders	—	—	—	—	362.2	—	88022	2596	1385	1232	—	—
Abutment No 1	125	—	15	—	47.9*	—	3341	—	—	—	—	—
Bent No. 1	64	—	7	—	37.0	—	5769	—	—	—	—	—
Bent No. 2	15	30	12	—	41.9	50.0	8716	—	—	—	—	—
Bent No. 3	—	28	12	—	40.7	50.0	8204	—	—	—	—	—
Bent No. 4	40	7	7	—	40.0	—	6047	—	—	—	—	—
Abutment No. 2	180	—	8	—	77.0	—	7294	—	—	—	150	—
Totals	424	65	61	22.2	646.7	100.0	130054	2596	1385	1232	150	90

* Includes 3.0 Cu. Yds of Class "A" Concrete for filling under footing
Lump Sum for removal of present Concrete Bridge 5 spans 2 @ 40' Roadway 20'

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

LAYOUT OF BRIDGE

STATION CAMP CREEK
SUMNER COUNTY
1938

DESIGNED BY [illegible] DATE 6-14-38
DRAWN BY [illegible] DATE [illegible]
TRACED BY Compton DATE June 1938
CHECKED BY M.S. DATE 6-15-38

CORRECT L. H. Erickson BRIDGE ENGINEER
APPROVED E. M. Turner STATE HIGHWAY ENGINEER

B-12-1

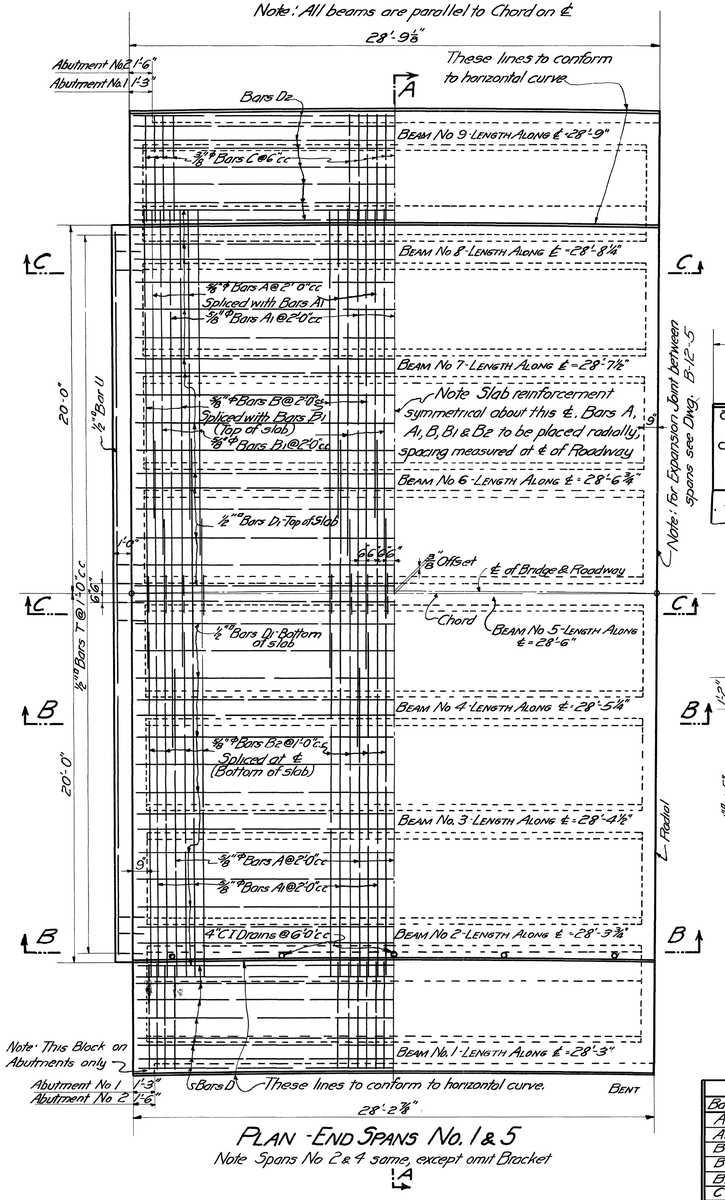
Revised 6-15-38 to provide for 5'-0" Sidewalk.

MICROFILMED

DIETZGEN IMPERIAL NO 131

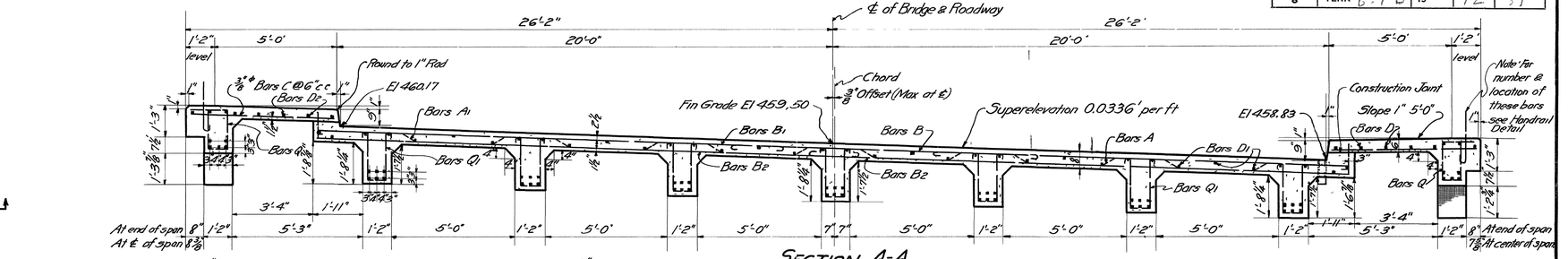
FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN	61B	19	12	31

Note: All beams are parallel to Chord on ℄

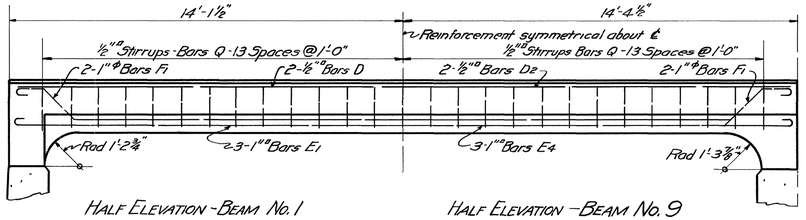


PLAN - END SPANS NO. 1 & 5

Note Spans No 2 & 4 same, except omit Bracket

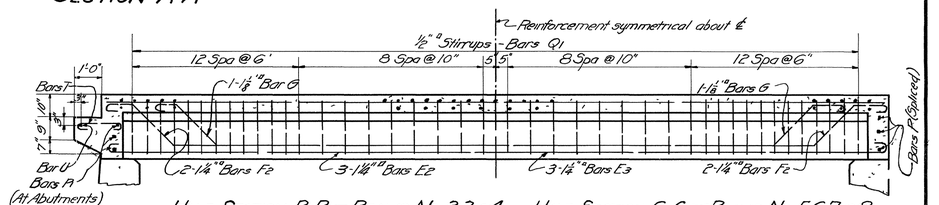


SECTION A-A



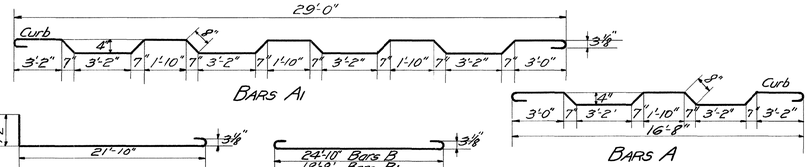
HALF ELEVATION - BEAM No. 1

HALF ELEVATION - BEAM No. 9



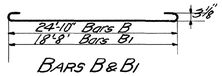
HALF SECTION B-B - BEAMS No. 2, 3 & 4

HALF SECTION C-C - BEAMS No 5, 6, 7 & 8



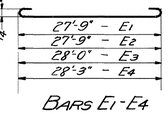
BARS A1

BARS B2

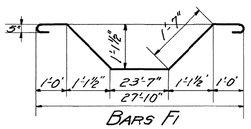


BARS B & B1

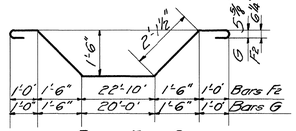
BARS A



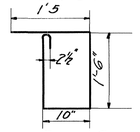
BARS E1 - E4



BARS F1

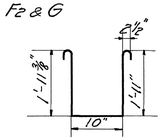


BARS F2 & G



BARS Q

BARS T

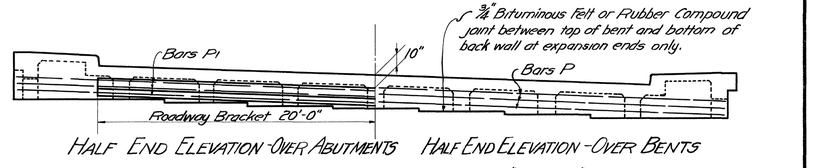


BARS Q1

BENDING DETAILS

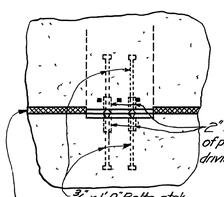
BILL OF STEEL

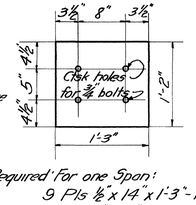
Bar	Size	Span No. 1 No.	Span No. 1 Length	Span No. 2 No.	Span No. 2 Length
A	⅜"ϕ	27	18'-0"	27	18'-0"
A1	"	27	30'-8"	27	30'-8"
B	"	28	25'-10"	28	25'-10"
B1	"	28	19'-8"	28	19'-8"
B2	⅜"ϕ	56	23'-6"	56	23'-6"
C	⅜"ϕ	110	5'-9"	110	5'-9"
D	½"ϕ	8	27'-9"	8	27'-9"
D1	"	36	28'-0"	36	28'-0"
D2	½"ϕ	8	28'-3"	8	28'-3"
E1	1"ϕ	3	29'-5"	3	29'-5"
E2	1⅛"ϕ	9	29'-9"	9	29'-9"
E3	1⅛"ϕ	12	30'-0"	12	30'-0"
E4	1"ϕ	3	29'-11"	3	29'-11"
F1	1"ϕ	4	30'-5"	4	30'-5"
F2	1⅛"ϕ	14	31'-1"	14	31'-1"
G	1⅛"ϕ	7	28'-1"	7	28'-1"
P	½"ϕ	6	26'-0"	12	26'-0"
B	"	6	26'-9"	—	—
Q	"	54	5'-8"	54	5'-8"
Q1	"	294	5'-7"	294	5'-7"
T	"	40	2'-3"	—	—
U	½"ϕ	1	39'-6"	—	—
		Span No 5 Same as Span No 1		Span No. 4 Same as Span No 2	



HALF END ELEVATION - OVER ABUTMENTS

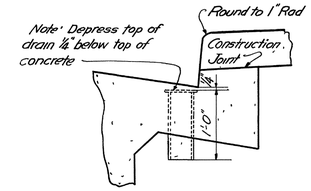
HALF END ELEVATION - OVER BENTS





Required For one Span:
9 Pls ½" x 14" x 1'-3" - Phosphor Bronze
9 Pls. ½" x 14" x 1'-3" - Structural Steel

DETAILS OF EXPANSION END



DETAILS OF 4" C.I DRAIN PIPE

Total number for Bridge required 27

SECTION X-X

ESTIMATED QUANTITIES

Span	Concrete Class "A" Cu Yds	Steel Lb. Reinforcing	Steel Lb. Structural	Phosphor Bronze Lb
No. 1	626	15,193	401	308
No 2	60.9	15,077	401	308
No. 4	60.9	15,077	401	308
No. 5	626	15,193	401	308

Note: Cost of 4" C.I Drains & all Expansion Joints to be included in price per Cu Yd. of Class "A" concrete.

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

SPANS NO. 1-2-4 & 5

BRIDGE OVER STATION CAMP CREEK
SUMNER CO
1938

DESIGNED BY W.C.L. Jr. DATE 6-7-38
DRAWN BY DATE
TRACED BY Ocha Eng. Co. DATE June 29, 1938
CHECKED BY W.S.V. DATE 6-10-38

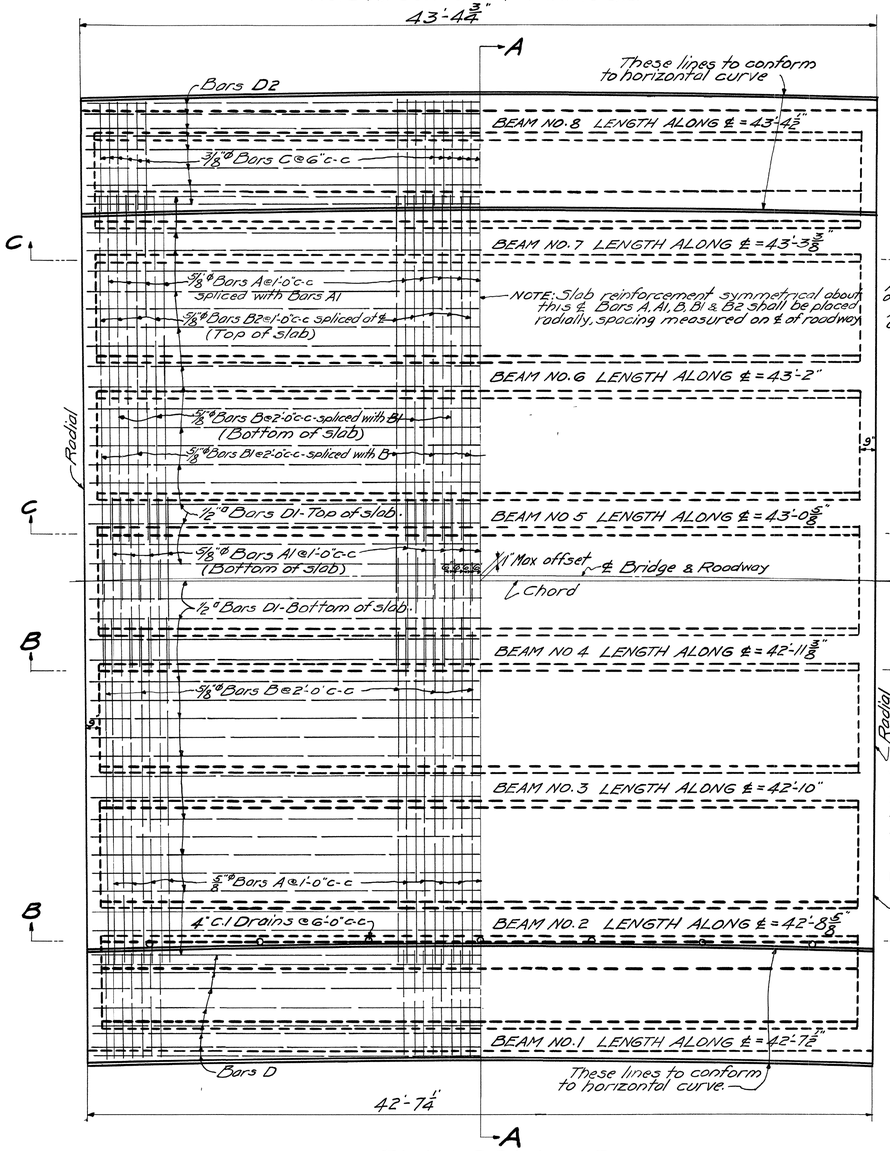
CORRECT L. H. Erickson BRIDGE ENGINEER
APPROVED E M Turner STATE HIGHWAY ENGINEER

B-12-2

MICROFILMED

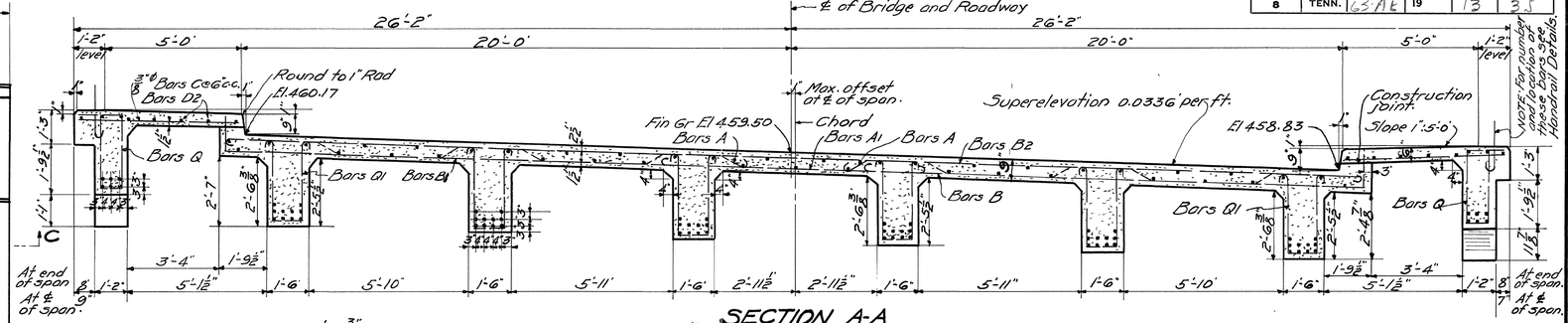
FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.	63 A-E	19	13	35

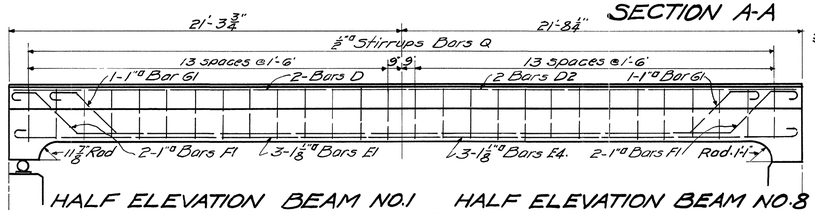
NOTE: All beams are parallel to chord on ℄

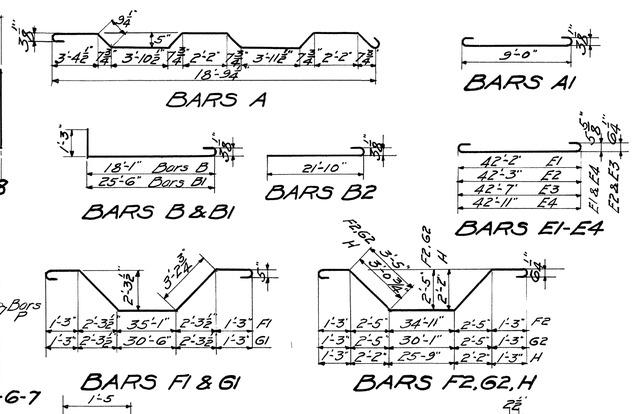


PLAN-SPAN NO.3

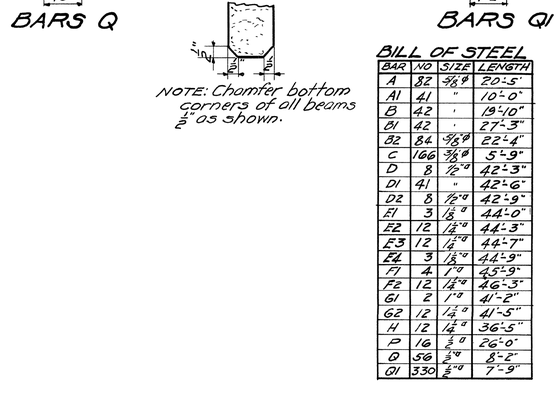
NOTE. For details of 4" C.I. Drains see Span No.1





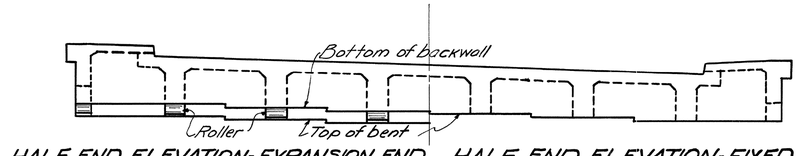


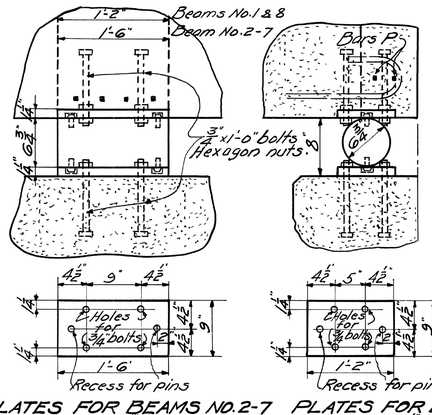
BENDING DETAILS



BILL OF STEEL

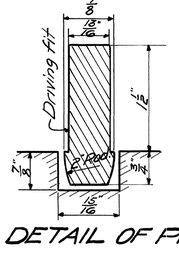
BAR	NO	SIZE	LENGTH
A	82	⅝"ø	20'-5"
A1	41	"	10'-0"
B	42	"	19'-10"
B1	42	"	27'-3"
B2	84	⅝"ø	22'-4"
C	166	⅜"ø	5'-9"
D	8	½"ø	42'-3"
D1	41	"	42'-6"
D2	8	½"ø	42'-9"
E1	3	⅛"ø	44'-0"
E2	12	⅛"ø	44'-3"
E3	12	⅛"ø	44'-7"
E4	3	⅛"ø	44'-9"
F1	4	1"ø	45'-9"
F2	12	¼"ø	46'-3"
G1	2	1"ø	41'-2"
G2	12	¼"ø	41'-5"
H	12	¼"ø	36'-5"
P	16	⅝"ø	26'-0"
Q	56	⅝"ø	8'-2"
Q1	330	⅝"ø	7'-9"





PLATES FOR BEAMS NO.2-7
12 PLS. 9" x 1¼" x 1'-6"

PLATES FOR BEAMS NO.1 & 8
4 PLS. 9" x 1¼" x 1'-2"



ESTIMATED QUANTITIES

Concrete Class "A"	115.2	Cu Yds.
Reinforcing steel	27482	Lbs.
Structural steel	992	Lbs.
Steel forgings	1385	Lbs.

NOTE: Cost of 4" C.I. Drains and all joints to be included in price per cu yd. of Class "A" concrete.

NOTE: Plates to be cast or structural steel: Rollers to be forged and annealed.

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

SPAN NO. 3

BRIDGE OVER STATION CAMP CREEK
SUMNER CO
1938

DESIGNED BY Hall Gentry DATE 6-1-38
DRAWN BY Graber DATE 6-30-38
TRACED BY M.S. DATE 6-10-38
CHECKED BY DATE

CORRECT L. H. Gentleson BRIDGE ENGINEER
APPROVED E. M. Turner STATE HIGHWAY ENGINEER

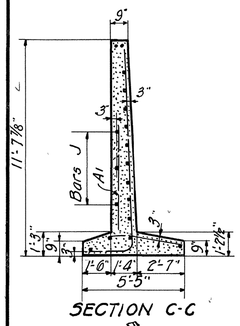
B-12-3

DIETZGEN IMPERIAL NO 135

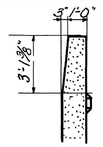
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	TENN.	63AB	19	14	35

Note: When pouring bridge seat provision shall be made for setting bolts of bearing plates, locations of which is shown on this Sheet.

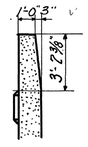
4" tile drains @ 5'-0" c.c. shall be placed in Abutment & Wingwalls at lowest point practical for good drainage.



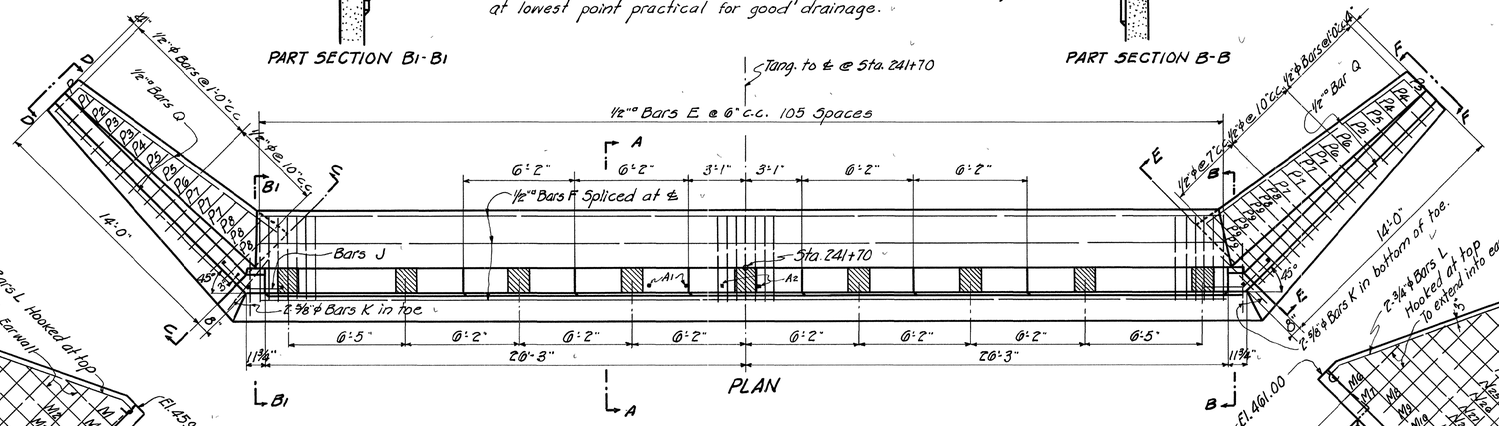
SECTION C-C



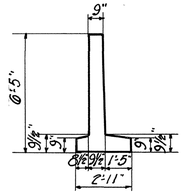
PART SECTION B1-B1



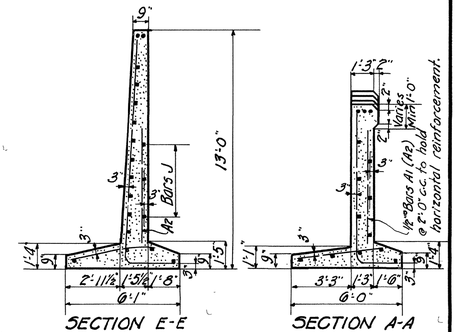
PART SECTION B-B



PLAN

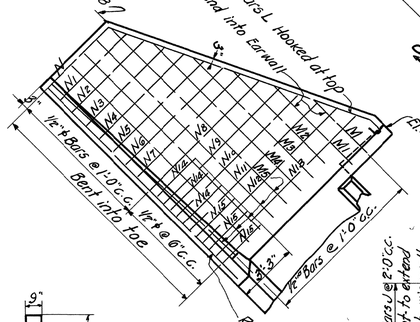


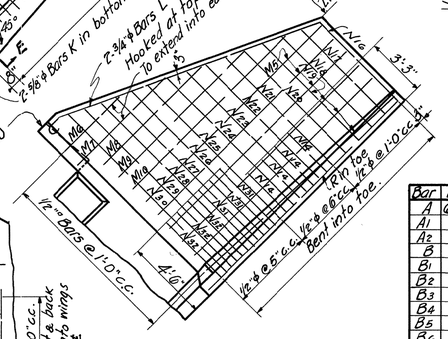
ELEVATION F-F

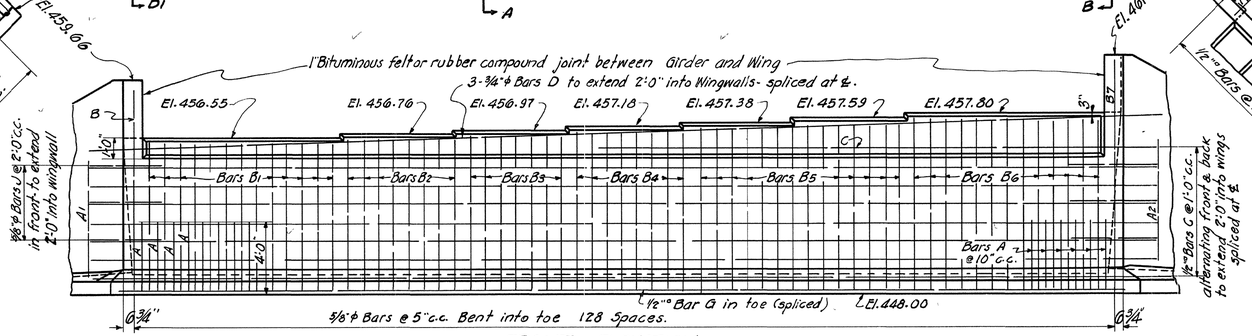


SECTION E-E

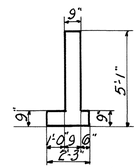
SECTION A-A







FRONT ELEVATION



ELEVATION D-D

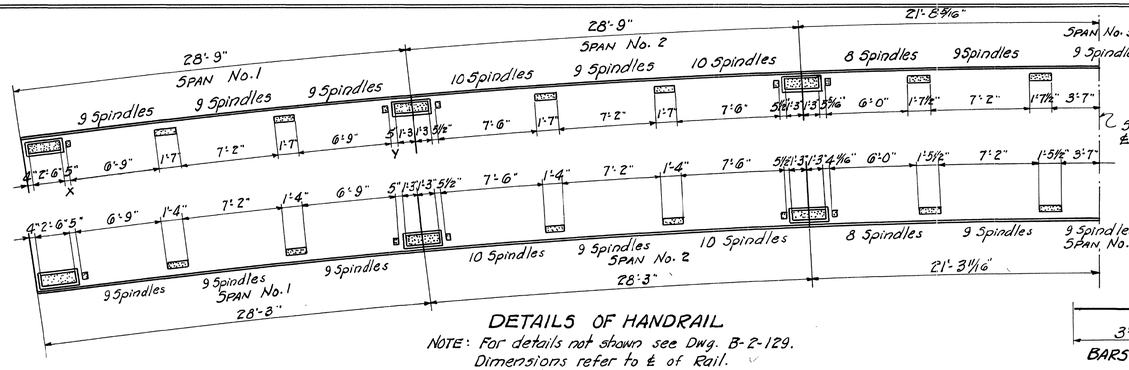
ABUTMENT NO. 1

BILL OF STEEL

Bar	No	Size	Length	Bar	No	Size	Length
				M4	1	½"ø	11'-6"
				M5	11	"	13'-9"
				M6	1	"	4'-0"
				M7	1	"	6'-3"
				M8	1	"	7'-9"
				M9	1	"	9'-9"
				M10	1	½"ø	12'-0"
A	64	⅞"ø	5'-10"				
A1	14	½"ø	0'-0"				
A2	10	½"ø	7'-0"				
B	1	⅞"ø	13'-3"	N	1	½"ø	5'-3"
B1	13	"	10'-0"	N1	1	"	0'-0"
B2	8	"	10'-3"	N2	1	"	0'-6"
B3	7	"	10'-6"	N3	1	"	7'-0"
B4	8	"	10'-9"	N4	1	"	7'-9"
B5	14	"	11'-0"	N5	1	"	8'-3"
B6	13	"	11'-3"	N6	1	"	8'-9"
B7	1	⅜"ø	14'-7"	N7	1	"	9'-6"
C	15	½"ø	30'-0"	N8	1	"	10'-0"
D	6	¾"ø	30'-6"	N9	1	"	10'-6"
E	106	½"ø	4'-9"	N10	1	"	11'-3"
F	6	"	27'-3"	N11	1	"	11'-9"
G	2	½"ø	28'-0"	N12	1	"	12'-3"
				N13	1	"	13'-0"
J	6	⅜"ø	4'-3"	N14	7	"	4'-9"
K	4	⅞"ø	3'-6"	N15	3	"	5'-0"
				N16	1	"	6'-9"
L	4	¾"ø	16'-6"	N17	1	"	7'-3"
M	1	½"ø	3'-9"	N18	1	"	8'-0"
M1	1	"	5'-9"	N19	1	"	8'-6"
M2	1	"	7'-3"	N20	1	"	9'-3"
M3	1	½"ø	9'-3"	N21	1	½"ø	9'-9"
				N22	1	½"ø	10'-0"
				N23	1	"	11'-0"
				N24	1	"	11'-6"
				N25	1	"	12'-3"
				N26	1	"	12'-9"
				N27	1	"	13'-3"
				N28	1	"	13'-9"
				N29	1	"	14'-3"
				N30	1	"	14'-6"
				N31	3	"	0'-6"
				N32	3	½"ø	0'-9"
				P	1	½"ø	2'-0"
				P1	1	"	2'-3"
				P2	1	"	2'-6"
				P3	3	"	2'-9"
				P4	3	"	3'-0"
				P5	4	"	3'-3"
				P6	3	"	3'-6"
				P7	1	"	3'-9"
				P8	5	"	4'-0"
				P9	5	⅛"ø	4'-3"
				R	2	½"ø	14'-6"

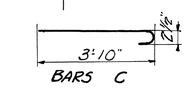
ESTIMATED QUANTITIES

Concrete Class "A" 44.9 Cu. Yds.
Reinforcing Steel 3341 Lbs.

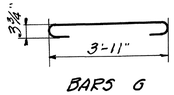


DETAILS OF HANDRAIL

NOTE: For details not shown see Dwg. B-2-129.
Dimensions refer to ℄ of Rail.
Handrail to conform to horizontal curve.



BARS C



BARS G

BILL OF STEEL FOR HANDRAIL

		Span No.1		Span No.2		Span No.3		
Bar	Size	No	Length	No	Length	No	Length	
A	½"ø	54	2'-6"	58	2'-6"	86	2'-6"	
BL	"	5	28'-3"	5	28'-3"	10	22'-3"	Left Side
BR	"	5	27'-9"	5	27'-9"	10	21'-9"	Right Side
C	"	8	4'-3"	8	4'-3"	16	4'-3"	
DL	"	4	1'-4"	4	1'-4"	8	1'-5"	Left Side
DR	"	4	1'-1"	4	1'-1"	8	1'-3"	Right Side
E	"	4	1'-0"	8	1'-0"	8	1'-0"	
F	½"ø	4	2'-3"	-	-	-	-	
G	¾"ø	12	5'-3"	8	5'-3"	8	5'-3"	
		Span No.5 same as Span No.1		Span No.4 same as Span No.2				

NOTE: This Bill of Steel supersedes Bill on B-2-129.

ESTIMATED QUANTITIES

Span	Concrete Class "S" Cu. Yds.	Reinforcing Steel Lb.
No. 1	4.1	501
No. 2	4.0	474
No. 3	6.0	711
No. 4	4.0	474
No. 5	4.1	501
Totals	22.2	2661

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

DETAILS OF BRIDGE
OVER STATION CAMP CREEK
SUMNER COUNTY
1938

DESIGNED BY Hill Gest DATE 6-9-38
DRAWN BY DATE 6-9-38
TRACED BY Compared DATE June 13-1938
CHECKED BY W.S. DATE

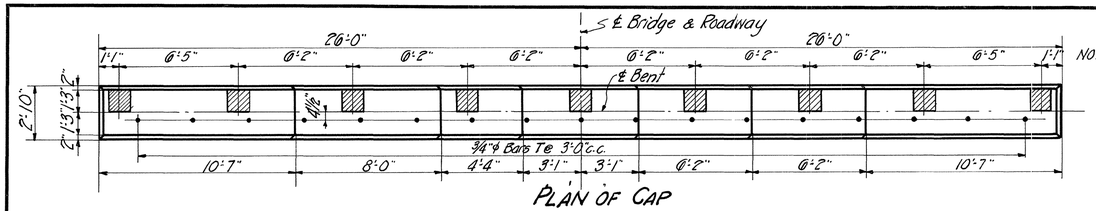
CORRECT L. N. Erickson BRIDGE ENGINEER
APPROVED E. M. Turner STATE HIGHWAY ENGINEER

B-12-4

Check No. 5

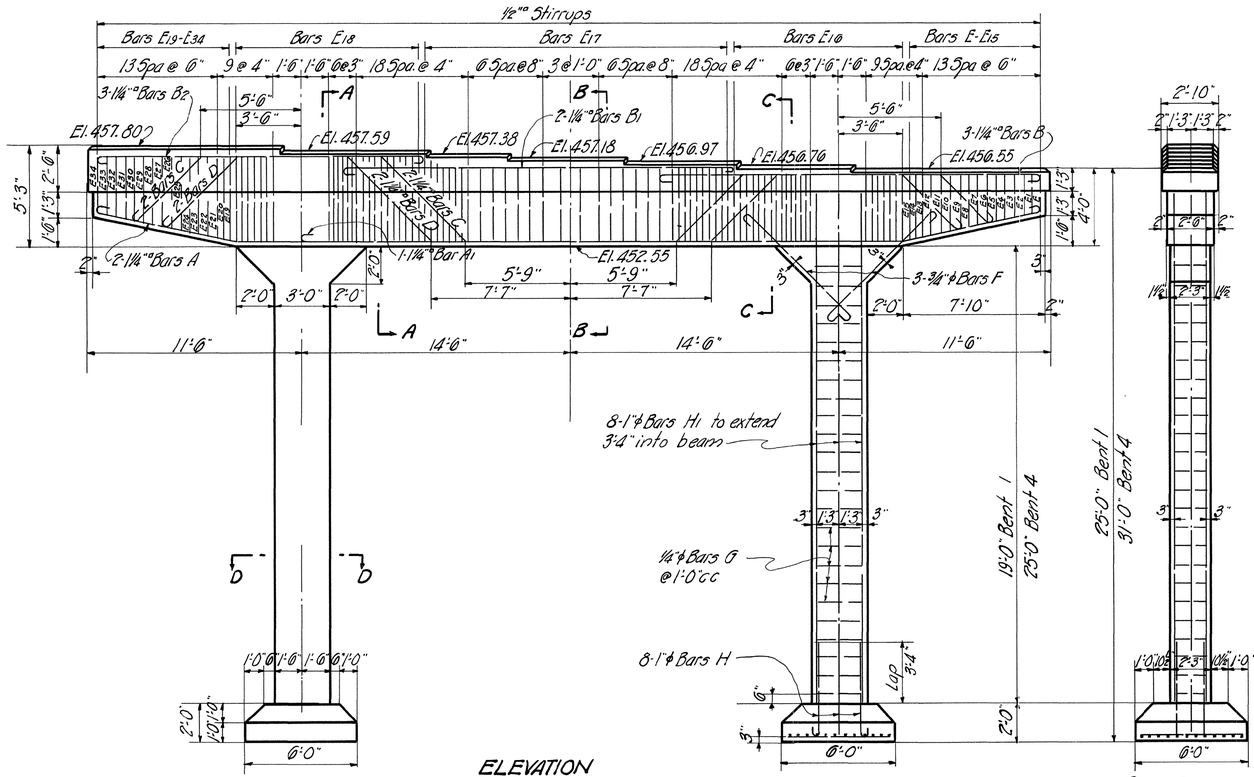
DIETZGEN IMPERIAL NO. 115

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	TENN.	63-AB	19	15	35



PLAN OF CAP

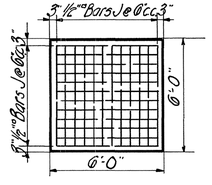
NOTE: When pouring Bent Beam provision shall be made for setting bolts for bearing plates, location of which is shown on this sheet.



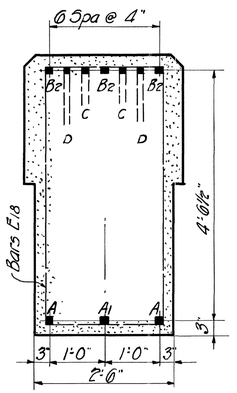
ELEVATION
Looking forward on Surveyline.

SIDE ELEVATION

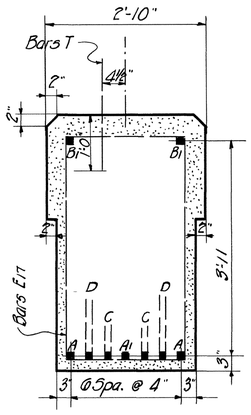
SECTION D-D



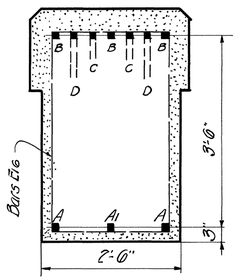
PLAN OF FOOTING
Showing Reinforcement.



SECTION A-A



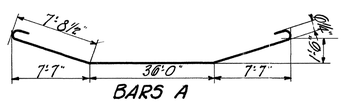
SECTION B-B



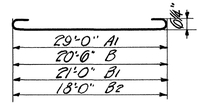
SECTION C-C

DIMENSIONS h

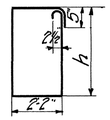
Bar	h	Bar	h	Bar	h
E	2'-2⅛"	E12	3'-4⅛"	E24	4'-2⅛"
E1	2'-4"	E13	3'-5½"	E25	4'-1½"
E2	2'-5"	E14	3'-6⅛"	E26	4'-0⅝"
E3	2'-6"	E15	3'-7"	E27	3'-11"
E4	2'-7"	E16	3'-8"	E28	3'-10"
E5	2'-8⅛"	E17	4'-1"	E29	3'-9"
E6	2'-9⅛"	E18	4'-8½"	E30	3'-8"
E7	2'-10⅛"	E19	4'-7½"	E31	3'-6⅛"
E8	3'-0"	E20	4'-7"	E32	3'-5½"
E9	3'-1"	E21	4'-6"	E33	3'-4⅝"
E10	3'-2"	E22	4'-5"	E34	3'-3"
E11	3'-3⅛"	E23	4'-4"		



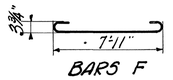
BARS A



BARS A1, B-B2

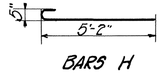


BARS E-E34

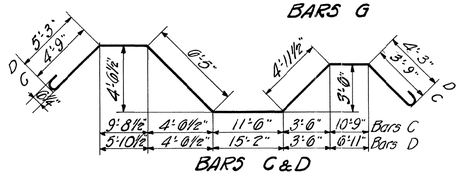


BARS F

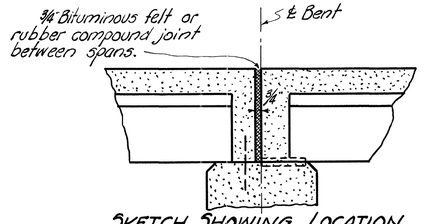
BARS G



BARS H



BARS C & D



SKETCH SHOWING LOCATION OF EXPANSION JOINT OVER BENTS No.1 & 4

BILL OF STEEL FOR ONE BENT

Bar	No	Size	Length	Bar	No	Size	Length
A	2	1¼"ø	53'-5"	E17	32	⅛"ø	13'-4"
A1	1	"	51'-0"	E18	24	"	14'-7"
B	3	"	22'-6"	E19	1	"	14'-5"
B1	2	"	23'-0"	E20	1	"	14'-4"
B2	3	"	20'-0"	E21	1	"	14'-2"
C	2	"	53'-10"	E22	1	"	14'-0"
D	2	1¼"ø	50'-10"	E23	1	"	13'-10"
E	1	½"ø	9'-7"	E24	1	"	13'-7"
E1	1	"	9'-10"	E25	1	"	13'-5"
E2	1	"	10'-0"	E26	1	"	13'-3"
E3	1	"	10'-2"	E27	1	"	13'-0"
E4	1	"	10'-4"	E28	1	"	12'-10"
E5	1	"	10'-7"	E29	1	"	12'-8"
E6	1	"	10'-9"	E30	1	"	12'-6"
E7	1	"	10'-11"	E31	1	"	12'-3"
E8	1	"	11'-2"	E32	1	"	12'-1"
E9	1	"	11'-4"	E33	1	"	11'-11"
E10	1	"	11'-6"	E34	1	⅛"ø	11'-8"
E11	1	"	11'-9"	F	12	¾"ϕ	9'-3"
E12	1	"	11'-11"	G	*	¼"ϕ	9'-5"
E13	1	"	12'-1"	H	10	1"ϕ	6'-0"
E14	1	"	12'-3"	H1	10	1"ϕ	**
E15	1	"	12'-4"	J	48	½"ø	5'-6"
E16	??	½"ø	12'-6"	T	17	⅜"ϕ	2'-0"

* Bent No.1 - 30 Bars G; Bent No.4 48 Bars G
** Bent No.1 Bars H1 = 22'-6" long; Bent No.4 Bars H1 = 28'-6" long.

ESTIMATED QUANTITIES

BENT	Concrete Class "A" Cu. Yds.	Reinforcing Steel Lbs.
No.1	37.0	5769
No.4	40.0	6047

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

BENTS NO.1 & 4

BRIDGE OVER STATION CAMP CREEK
SUMNER COUNTY
1938

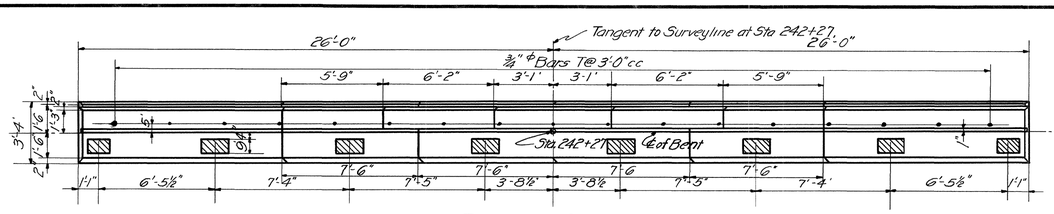
DESIGNED BY W.H. Seeley DATE 6-9-38
DRAWN BY Compton DATE June 1938
TRACED BY M.S. DATE 6-11-38
CHECKED BY

CORRECT L. H. Gwaltney BRIDGE ENGINEER
APPROVED E. M. Turner STATE HIGHWAY ENGINEER

B-12-5

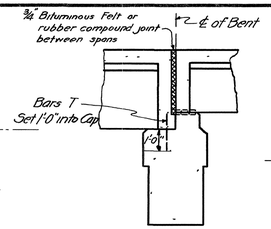
DIETZGEN IMPERIAL NO 135

FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN	63-A 6	19	16	35

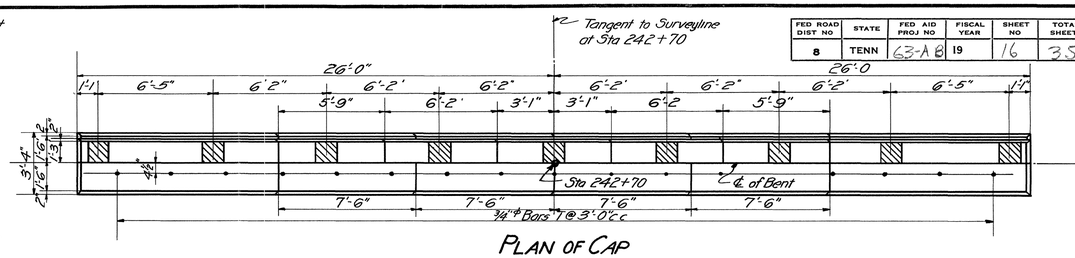


PLAN OF CAP

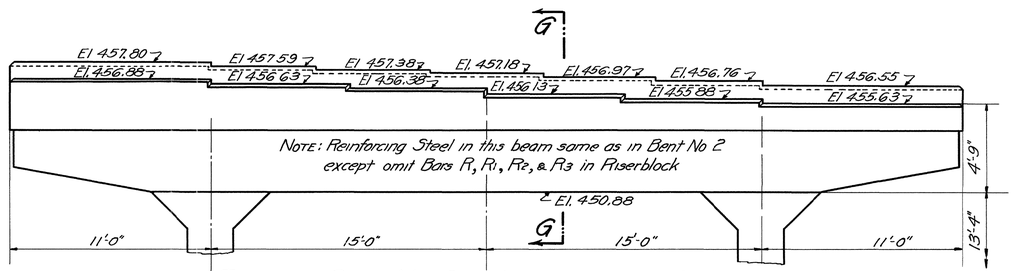
NOTE: When pouring Cap provision shall be made for setting bolts for bearing plates, location of which is shown on this sheet



SECTION G-G
SHOWING LOCATION OF EXPANSION JOINT
BENT NO. 3

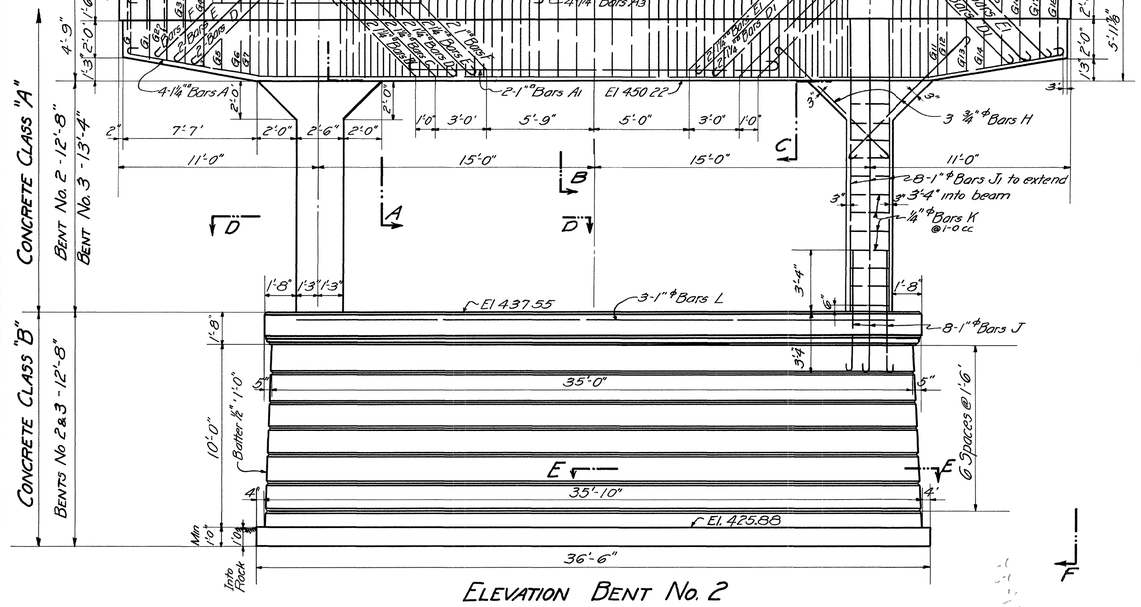


PLAN OF CAP

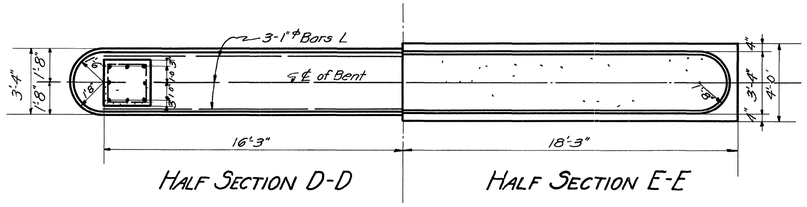


ELEVATION BENT NO. 3
LOOKING FORWARD ON SURVEYLINE

NOTE: For details not shown see Bent No. 2

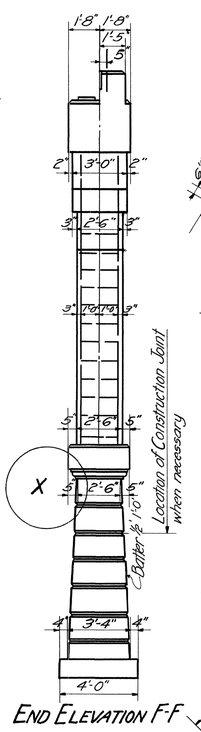


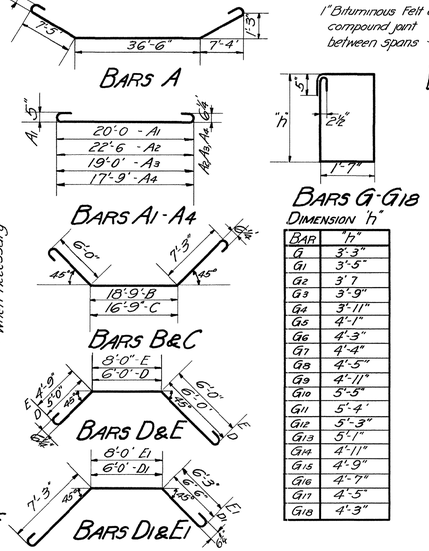
ELEVATION BENT NO. 2
LOOKING BACK ON SURVEYLINE



NOTE: Belt courses shall be spaced as shown. They shall be formed by nailing triangular strips inside the forms.

The pouring of the concrete shall be so arranged that the construction joint between the successive lifts will be made on the apex of the bead as shown

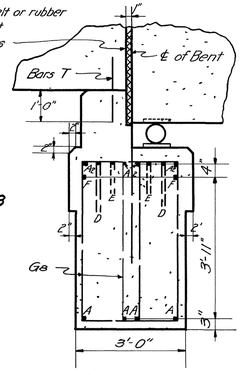


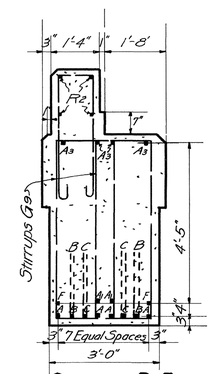


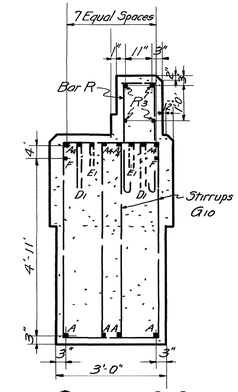
BENDING DETAILS

BARS G-G18
DIMENSION "h"

BAR	"h"
G	3'-3"
G1	3'-5"
G2	3'-7
G3	3'-9"
G4	3'-11"
G5	4'-1"
G6	4'-3"
G7	4'-4"
G8	4'-5"
G9	4'-11"
G10	5'-5"
G11	5'-4"
G12	5'-3"
G13	5'-1"
G14	4'-11"
G15	4'-9"
G16	4'-7"
G17	4'-5"
G18	4'-3"







BILL OF STEEL
FOR ONE BENT

BAR	NO	SIZE	LENGTH	BAR	NO	SIZE	LENGTH	BAR	NO	SIZE	LENGTH	BAR	NO	SIZE	LENGTH
A	4	1¼" ϕ	53'-4"	F	2	1" ϕ	55'-11"	G10	42	½" ϕ	14'-10"	J	16	1" ϕ	7'-6"
A1	2	1" ϕ	21'-8"	G	2	"	10'-6"	G11	2	"	14'-8"	J1	16	1" ϕ	*
A2	4	1¼" ϕ	24'-6"	G1	2	"	10'-10"	G12	2	"	14'-6"	K	**	¼" ϕ	9'-0"
A3	4	"	21'-0"	G2	2	"	11'-2"	G13	2	"	14'-2"	L	3	1" ϕ	32'-6"
A4	4	1¼" ϕ	19'-9"	G3	2	"	11'-6"	G14	2	"	13'-10"	T	17	⅜" ϕ	2'-0"
B	2	"	34'-0"	G4	2	"	11'-10"	G15	2	"	13'-6"				
C	2	"	32'-0"	G5	2	"	12'-2"	G16	2	"	13'-2"				
D	2	"	19'-0"	G6	2	"	12'-6"	G17	2	"	12'-10"	R	52	½" ϕ	8'-0"
D1	2	"	21'-9"	G7	2	"	12'-8"	G18	2	"	12'-6"	R1	4	"	12'-6
E	2	"	20'-9"	G8	46	"	12'-10"					R2	4	"	31'-6"
E1	2	1¼" ϕ	23'-6"	G9	46	½" ϕ	13'-10"	H	12	⅜" ϕ	9'-0"	R3	4	½" ϕ	10'-0"

BENT NO. 2 ONLY

* Bent No 2 - Bars J1 16'-0' long, Bent No 3 - Bars J1 16'8 long

** Bent No 2 - 24 Bars K, Bent No 3 - 26 Bars K

ESTIMATED QUANTITIES

	BENT	No. 2	No 3
CONCRETE CLASS "A"	Cu. Yds	41.9	40.7
CONCRETE CLASS "B"	Cu. Yds	50.0	50.0
REINFORCING STEEL	Lbs	8716	8204

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

BENTS NO. 2 & 3

BRIDGE OVER STATION CAMP CREEK
SUMNER CO.
1938

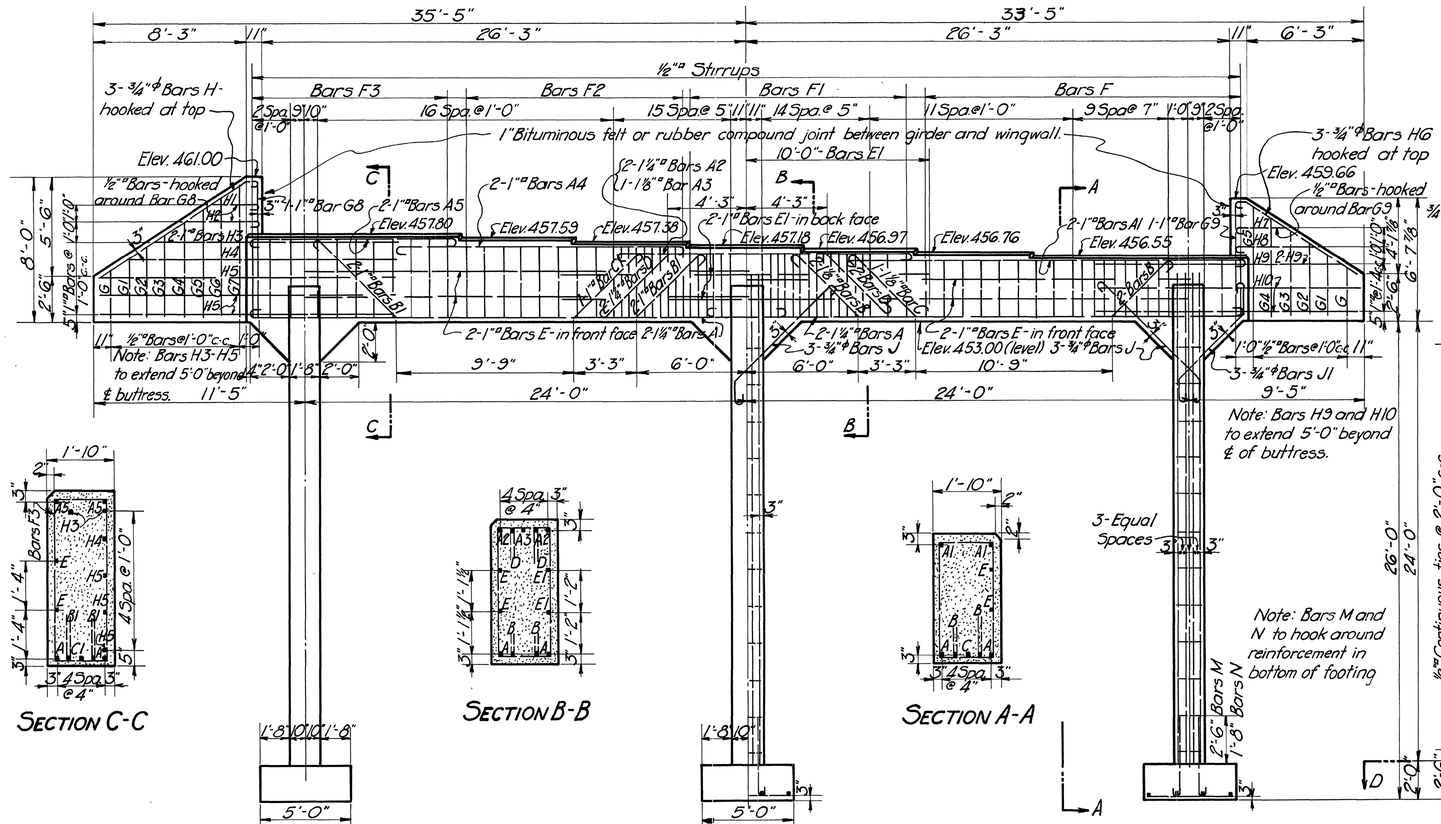
DESIGNED BY Wm Lindsay DATE 6-10-38
DRAWN BY DATE
TRACED BY Chas W. Bagley DATE June 21/1938
CHECKED BY M S DATE 6 13 38

CORRECT L H Gribbon BRIDGE ENGINEER
APPROVED E M Turner STATE HIGHWAY ENGINEER

B-12-6

MICROFILMED
Typed WLS 6-38 JF
DIETZGEN IMPERIAL NO 135

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	TENN.	63-A-B	19	17	35



Section C-C

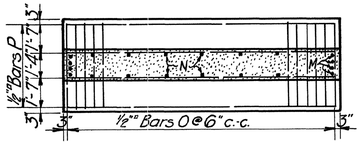
Section B-B

Section A-A

Elevation-Looking Forward on Surveyline

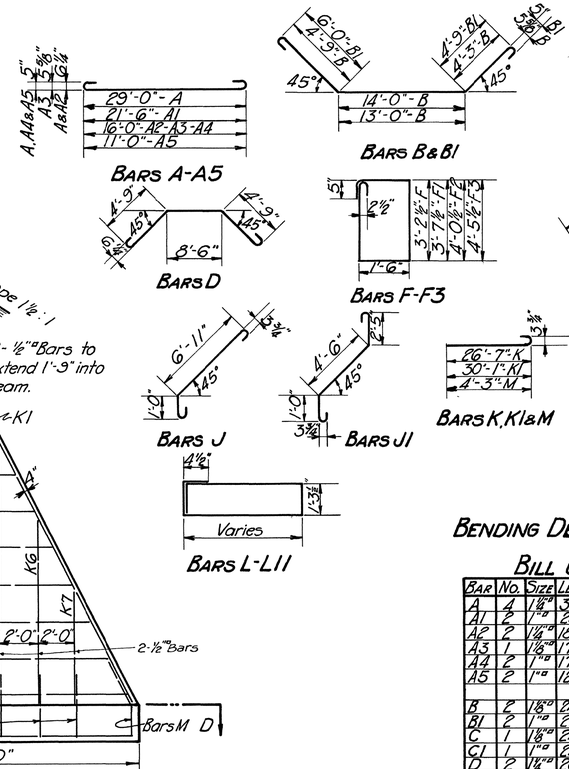
Section A-A

Note: All buttresses are alike.



Section D-D

Plan



Bending Details

Bill of Steel

Bar	No.	Size	Length	Bar	No.	Size	Length
A	4	1⅛"ø	31'-0"	H4	1	1"ø	14'-6"
A1	2	1"ø	23'-2"	H5	3	1"ø	16'-3"
A2	2	1¼"ø	18'-0"	H6	3	¾"ϕ	8'-3"
A3	1	1⅛"ø	17'-10"	H7	1	½"ø	3'-3"
A4	2	1"ø	17'-8"	H8	1	½"ø	4'-9"
A5	2	1"ø	12'-8"	H9	2	1"ø	13'-3"
				H10	2	1"ø	14'-3"
B	2	1⅛"ø	24'-10"				
B1	2	1"ø	25'-5"	J	12	¾"ϕ	9'-3"
C	1	1⅛"ø	24'-3"	J1	6	¾"ϕ	9'-3"
C1	1	1"ø	24'-1"				
D	2	1¼"ø	20'-0"	K	12	¾"ϕ	27'-3"
				K1	12	¾"ϕ	30'-9"
E	4	1"ø	24'-0"	K2	6	½"ø	25'-9"
E1	2	1"ø	20'-0"	K3	6	"	22'-0"
				K4	6	"	18'-0"
F	21	⅝"ø	10'-3"	K5	6	"	14'-0"
F1	23	"	11'-1"	K6	6	"	10'-0"
F2	18	"	11'-11"	K7	6	½"ø	6'-0"
F3	11	½"ø	12'-9"				
				L	3	½"ø	32'-6"
G	2	½"ø	2'-6"	L1	3	"	30'-6"
G1	2	"	3'-3"	L2	3	"	28'-6"
G2	2	"	3'-9"	L3	3	"	26'-6"
G3	2	"	4'-6"	L4	3	"	24'-5"
G4	2	"	5'-3"	L5	3	"	22'-5"
G5	2	"	5'-9"	L6	3	"	20'-5"
G6	1	"	6'-6"	L7	3	"	18'-5"
G7	1	½"ø	7'-3"	L8	3	"	16'-4"
G8	1	1"ø	7'-6"	L9	3	"	14'-4"
G9	1	1"ø	6'-3"	L10	3	"	12'-4"
				L11	3	½"ø	10'-4"
H	3	¾"ϕ	10'-9"	M	24	¾"ϕ	4'-11"
H1	1	½"ø	3'-0"	N	36	½"ø	3'-10"
H2	1	½"ø	4'-6"	O	90	½"ø	4'-6"
H3	2	1"ø	13'-0"	P	12	½"ø	14'-6"
				T	18	¾"ϕ	2'-0"

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

ABUTMENT NO 2

BRIDGE OVER STATION CAMP CREEK
SUMNER COUNTY
1938

Estimated Quantities

CONCRETE CLASS 'A' _____ CU. YDS.
REINFORCING STEEL _____ LBS.

DESIGNED BY Wolf Structural Engineers DATE 6-13-38
DRAWN BY _____ DATE _____
TRACED BY Edward Hansard DATE 6-20-38
CHECKED BY H.S. DATE 6-15-38

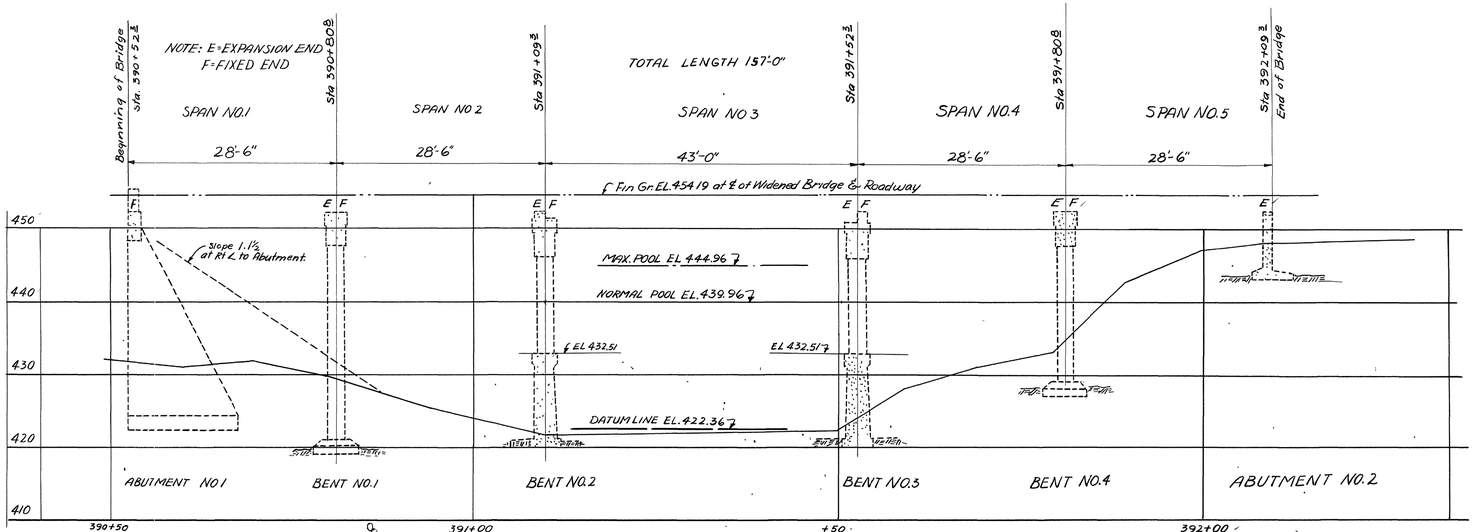
CORRECT L. N. Erickson BRIDGE ENGINEER
APPROVED E. M. Turner STATE HIGHWAY ENGINEER

B-12-7

MICROFILMED

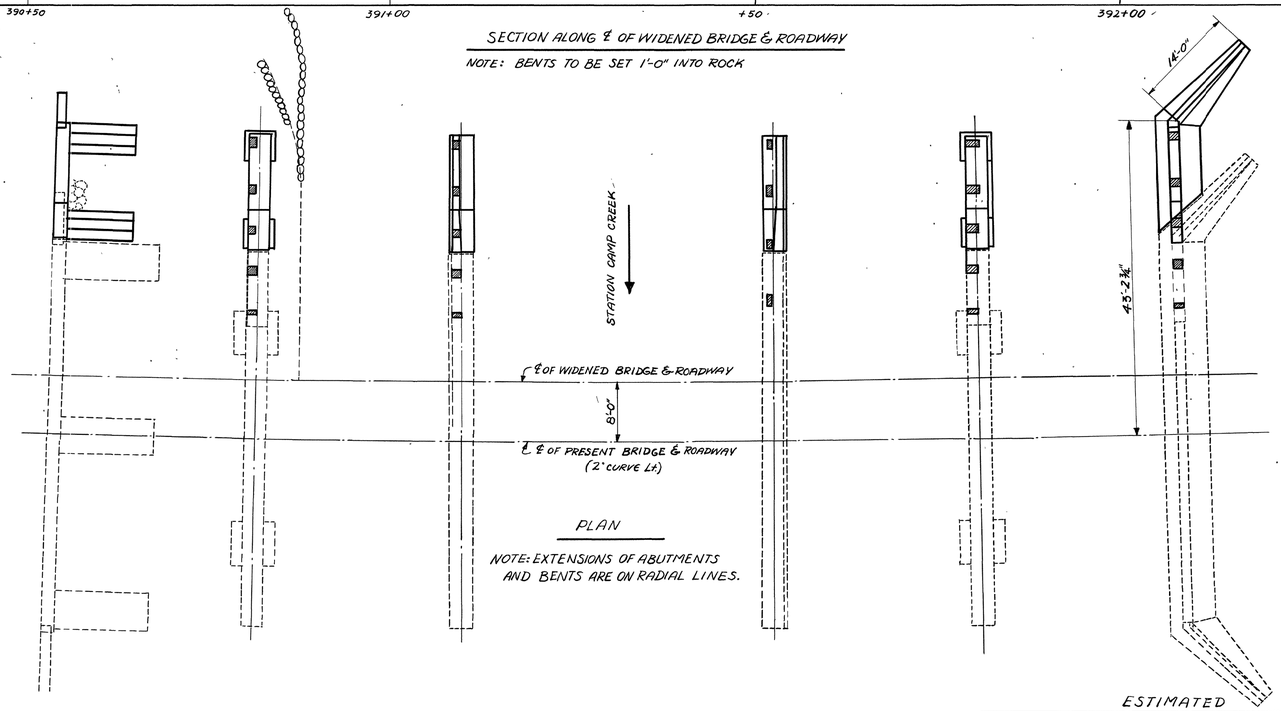
DIETZGEN IMPERIAL NO 135

FED ROAD DIST NO.	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	21	175



SECTION ALONG ℄ OF WIDENED BRIDGE & ROADWAY

NOTE: BENTS TO BE SET 1'-0" INTO ROCK



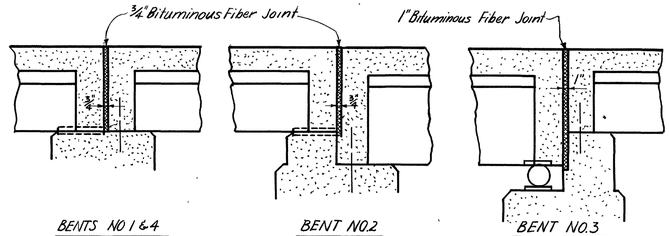
PLAN

NOTE: EXTENSIONS OF ABUTMENTS AND BENTS ARE ON RADIAL LINES.

SPECIAL NOTE

Elevations are referred to an assumed datum.

Assumed Datum + 5.04 = M.S.L. Datum



SKETCH SHOWING SIZE & LOCATION OF EXPANSION JOINTS

SPECIAL NOTE:
The Fill at the beginning of the bridge to be capped with 4' of loose rock.
See typical section on roadway plans.

GENERAL NOTES:

SPECIFICATIONS: Standard Road & Bridge Specifications of the Tennessee Department of Highways and Public Works.
LOADING: H20 S16-44.
CONCRETE in Bents NO.2 & 3 below EL. 432.51 to be Class "B", remainder of Concrete to be Class "A".
REINFORCING STEEL: See Specifications.
FORMS & FINISH: See Specifications.
ROCK FOUNDATION: See Specifications.

PROCEDURE of WORK:

1. Remove parts of present Abutments & Bents as shown on Plans.
2. Construct abutments & Bents extensions.
3. Cut present roadway slab as indicated, being careful not to damage slab steel.
4. Move Section "A" which includes one roadway beam, one 5'-0" Sidewalk, with beam & handrail, to its new location.
5. Remove enough of present slab adjacent to new structure to expose transverse slab bars 1-3's.
6. Set new bearing plates on present substructure.
7. Construct remainder of bridge.

ESTIMATED QUANTITIES

ITEM	EXCAVATION CU. YDS			CONCRETE CU. YDS.		STEEL LBS.			RIP RAP	ROCK DRILLING
	DRY	WET	ROCK	CL. "A"	CL. "B"	REINFORC.	STRUCT.	FORGING	CU. YDS.	LIN FT
SUPERSTRUCTURE										
DECK GIRDERS				119.8		28,921	1,481	365		
SUBSTRUCTURE										
ABUTMENT NO.1	65	5	5	28.0		2,329			73	
BENT NO.1	35	15	5	15.0		2,347				
BENT NO.2	5	15	8	13.6	37.5	2,714				
BENT NO.3	25	10	8	13.9	37.5	2,793				
BENT NO.4	30	—	5	12.6		1,988				
ABUTMENT NO.2	40	—	5	13.3		857				
TOTAL	200	45	36	216.2	75.0	41,949	1,481	365	73	48

LUMP SUM for Removal of part of present Abutments & Bents, cutting present Slab & Removing part of present slab adjacent to new structure, moving section "A" to final location and any other incidentals necessary to complete the works.

LIST of DRAWINGS

	DWG. NO.
SPANS NO.1, 2, 4 & 5	E-14-60
SPAN NO.3	E-14-61
ABUTMENT NO.1	E-14-62
BENTS NO.1 & 4	E-14-63
BENTS NO.2 & 3	E-14-64
ABUTMENT NO.2	E-14-63

DESIGNED BY _____ DATE _____
DRAWN BY W. Suter DATE 11-28-52
TRACED BY A.K. DATE 12-15-52
CHECKED BY _____ DATE _____

Revised 3-16-53 - Rock Fill

56'-0" ROADWAY with 5'-0" SIDEWALKS

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

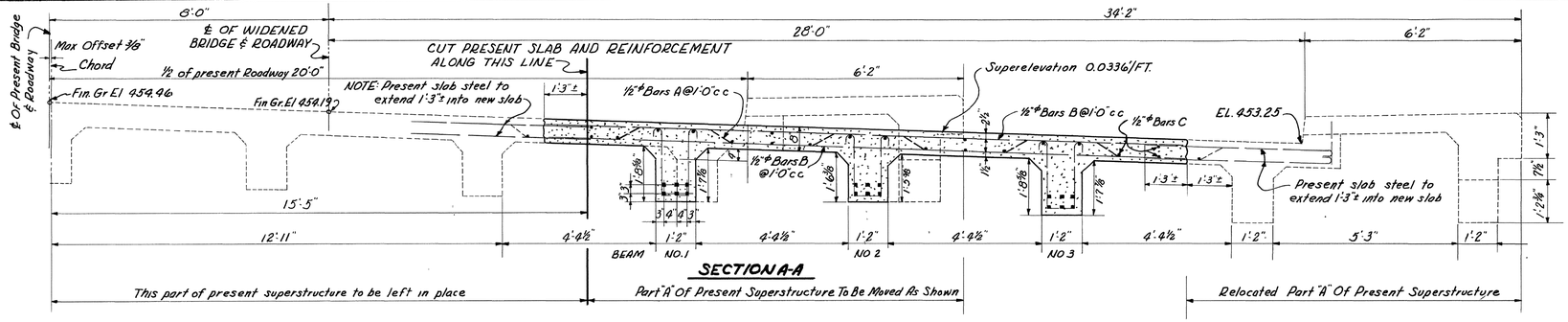
LAYOUT OF WIDENED BRIDGE
STA. 390+52½
STATION CAMP CREEK
SUMNER CO.
1952

CORRECT L. W. Erickson, BRIDGE ENGINEER
APPROVED Herbert S. Bates, STATE HIGHWAY ENGINEER

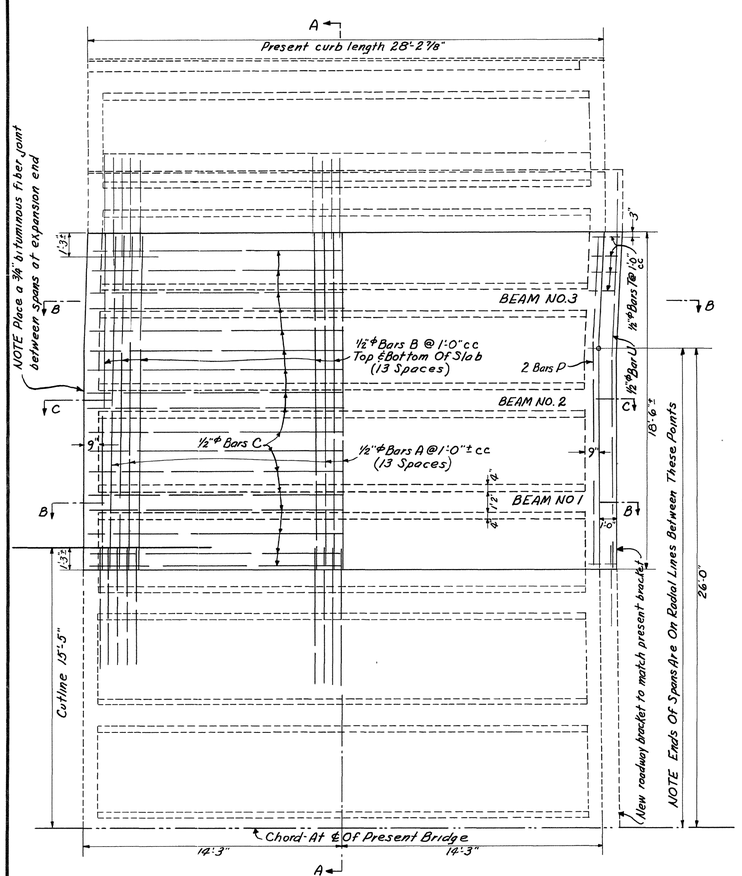
E-14-59

FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	311	335

F-[illegible] 5 " 17

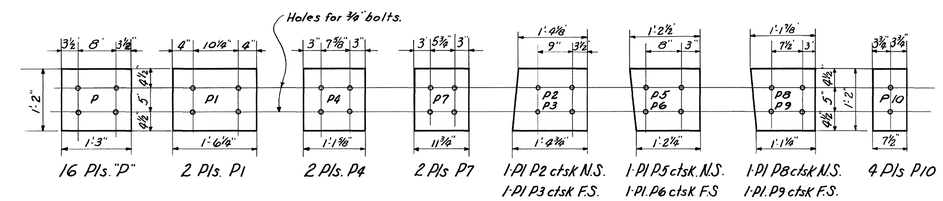


SECTION A-A



PLAN-END SPANS NO.1 & 5

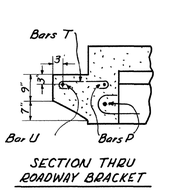
NOTE: Spans No. 2 & 4 same except No. Roadway bracket



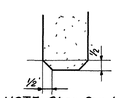
NOTE: All plates to be ½" thick.

DETAILS OF BEARING PLATES

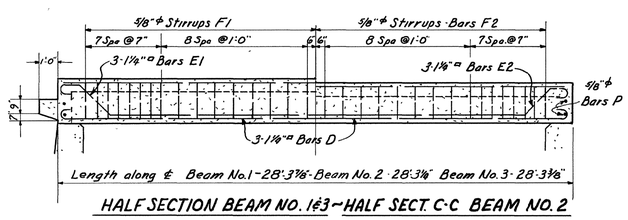
NOTE: The contact surfaces of the steel plates shall be coated in the field with graphite.



SECTION THRU ROADWAY BRACKET

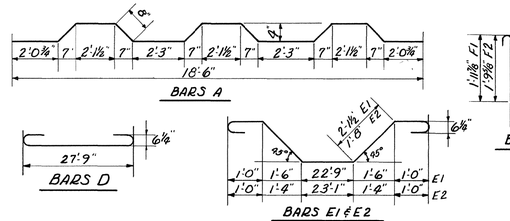


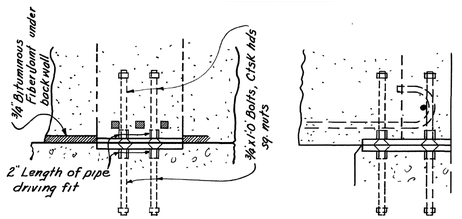
NOTE: Chamfer bottom corners of beams. ½" as shown



HALF SECTION BEAM NO. 1 & 3 ~ HALF SECT. C-C BEAM NO. 2

NOTE: Beams No. 1-3 are parallel to Chord at ℄ of Roadway.





NOTE: Bottom of top plates to be flush with bottom of beams, top of bottom plates to be flush with bridge seat.

DETAILS OF EXPANSION END

BILL OF STEEL SPAN NO.1

BAR	NO	SIZE	LENGTH
A	27	½"ϕ	19'-6"
B	36	½"ϕ	18'-6"
C	20	½"ϕ	27'-9"
D	9	1⅛"□	29'-9"
E1	6	"	31'-0"
E2	3	1⅛"□	30'-5"
F1	64	⅝"ϕ	5'-10"
F2	32	⅝"ϕ	5'-5"
P	4	⅝"ϕ	18'-6"
T	19	½"ϕ	2'-3"
U	1	½"ϕ	18'-6"

NOTE: Bill of steel for Span No. 5 same as above
Bill of steel for Spans No. 2 & 4 same as above except omit Bars T & U.

ESTIMATED QUANTITIES

SPAN	NO. 1	NO. 2	NO. 4	NO. 5
CONCRETE CL."A" CU.YDS.	21.5	20.8	20.8	21.5
REINF. STEEL LBS.	4990	4949	4949	4990
STRUCT. STEEL LBS.		1107 (4 spans)		

NOTE: Cost of Joint material to be included in the unit price bid for Class "A" Concrete.

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

SPANS NO. 1, 2, 4 & 5

BRIDGE OVER STATION CAMP CREEK
SUMNER CO.
1952

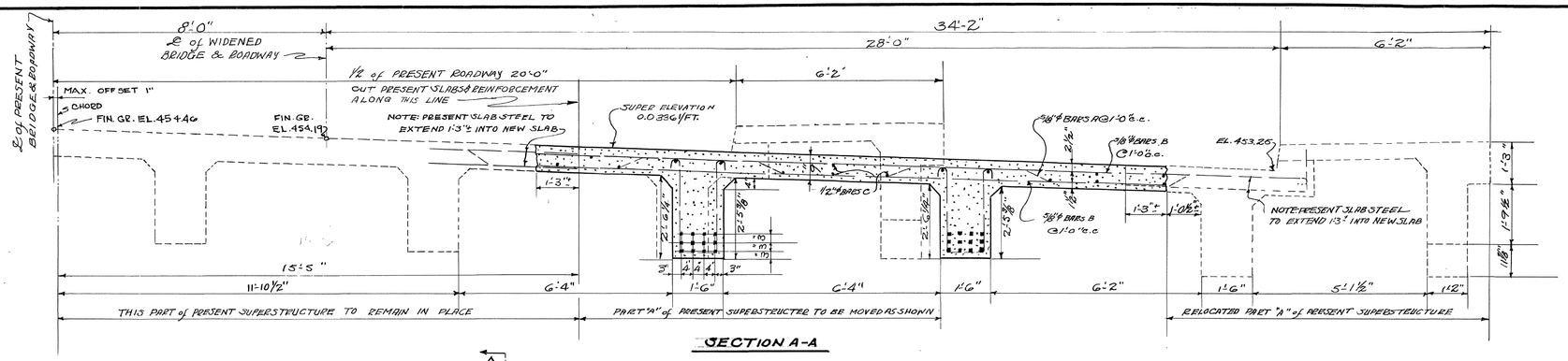
DESIGNED BY
DRAWN BY W. SUTER DATE 11-28-52
TRACED BY R.E. ALLEY DATE 12-9-52
CHECKED BY DATE

CORRECT L. W. Erickson BRIDGE ENGINEER
APPROVED Herbert M. Gates STATE HIGHWAY ENGINEER

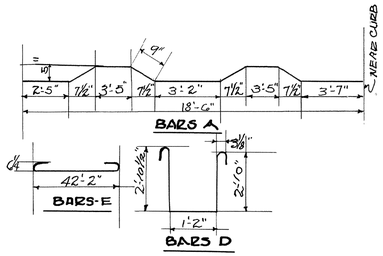
E-14-60

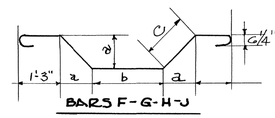
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	TENN.		19	35	173

F-006-3 (17)



SECTION A-A

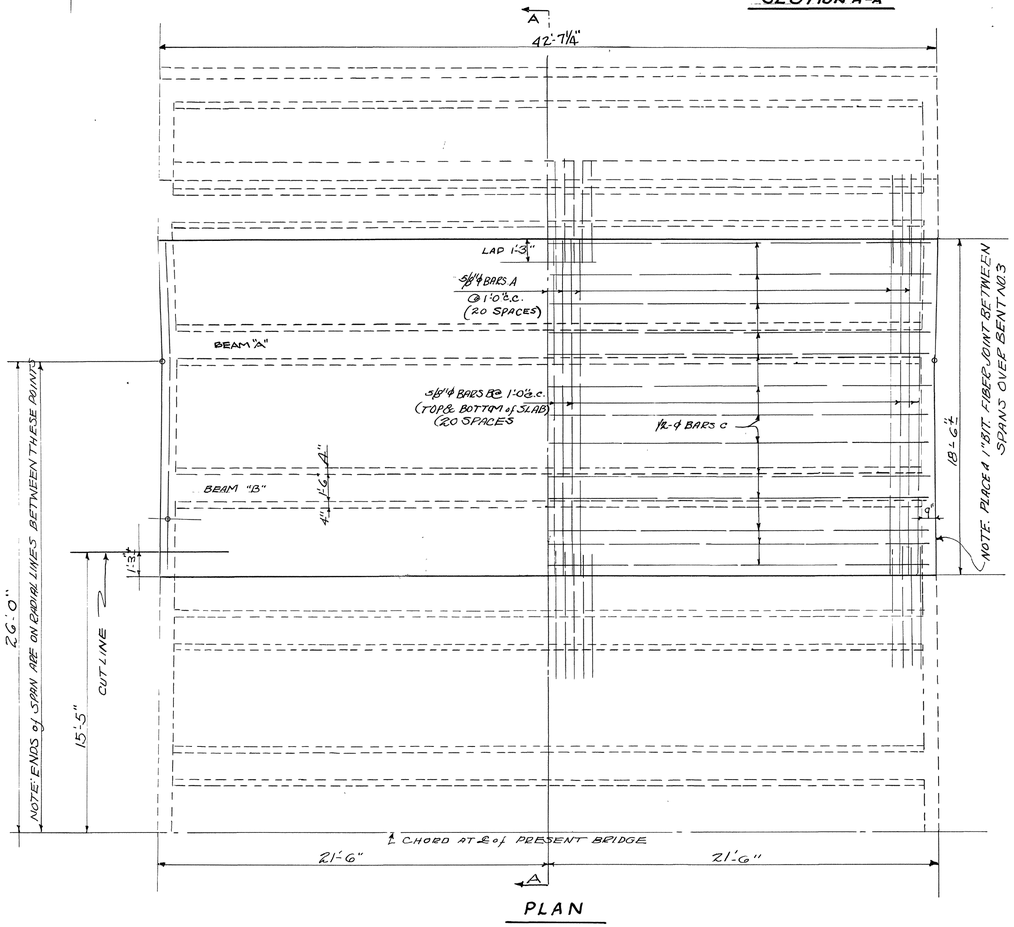




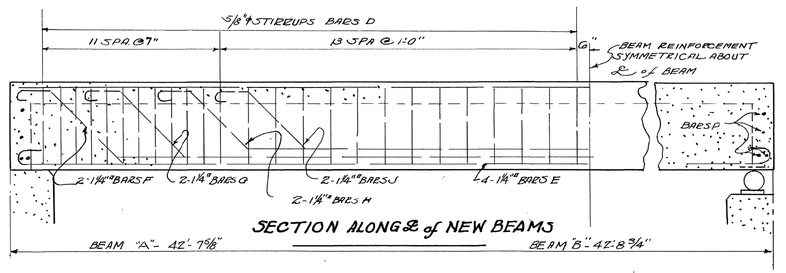
BAR	a	b	c
F	2'-5"	34'-10"	3'-5"
G	2'-5"	30'-0"	3'-5"
H	2'-2"	25'-8"	3'-1"
J	2'-2"	21'-4"	3'-1"

BILL of STEEL SPAN NO. 3

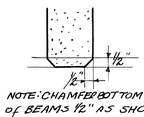
BAR	NO	SIZE	LENGTH
A	41	5/8" ϕ	19'-0"
B	84	5/8" ϕ	18'-6"
C	16	1½" ϕ	42'-3"
D	100	5/8" ϕ	7'-11"
E	8	1¼" ϕ	44'-2"
F	4	"	46'-2"
G	4	"	41'-4"
H	4	"	36'-4"
J	4	1¼" ϕ	32'-0"
P	8	5/8" ϕ	18'-6"



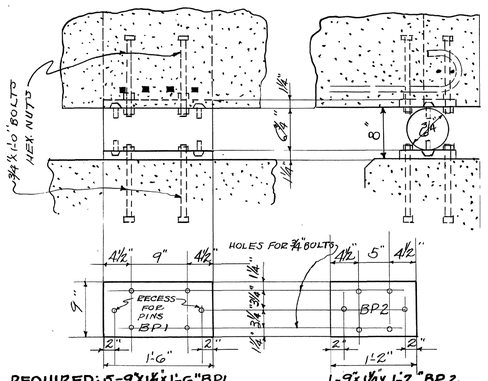
PLAN

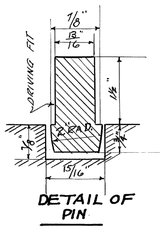


SECTION ALONG ℄ of NEW BEAMS



NOTE: CHAMFER BOTTOM CORNERS of BEAMS ½" AS SHOWN.





DETAIL OF PIN

DETAILS OF EXPANSION END

NOTE. PLATES TO BE CAST OR STRUCTUAL STEEL, ROLLERS TO BE FORGED AND ANNEALED.

ESTIMATED QUANTITIES

CONCRETE CLASS "A"	35.2 CU. YDS.
REINFORCING STEEL	9043 LBS.
STRUCTURAL STEEL	374 LBS.
FORGINGS	365 LBS.

NOTE: COST of JOINT MATERIAL BE INCLUDED IN THE UNIT PRICE BID FOR CLASS "A" CONCRETE.

DESIGNED BY _____ DATE _____
DRAWN BY _____ DATE 12-1-52
TRACED BY Sharon Slocum DATE 12-16-52
CHECKED BY _____ DATE _____

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

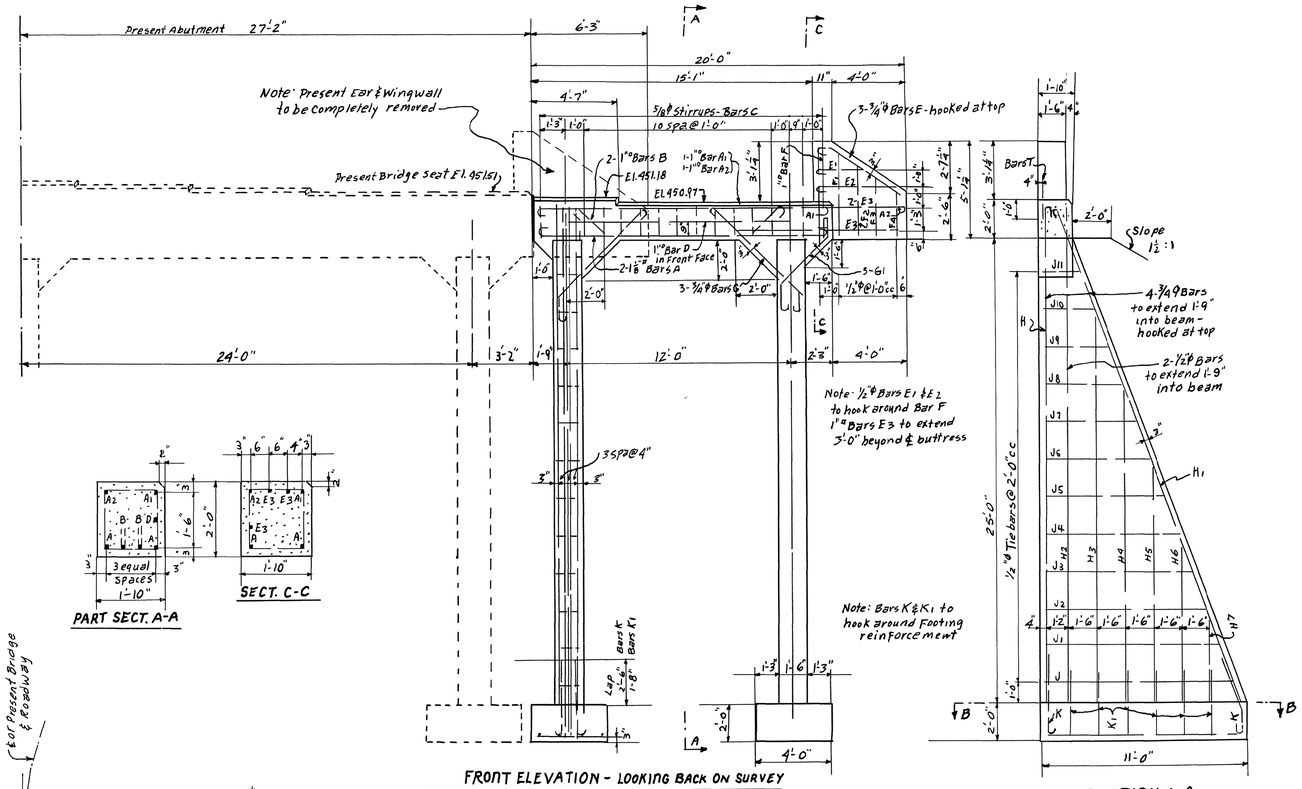
SPAN NO. 3
BRIDGE OVER STATION CAMP CREEK
SUMNER CO.
1952

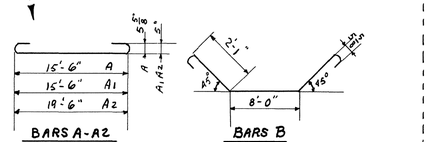
CORRECT L. N. Erickson BRIDGE ENGINEER
APPROVED Herbert S. Bates STATE HIGHWAY ENGINEER

E-14-61

FED ROAD DIST NO	STATE	FED AID PROJ NO.	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	36	152

F-006-3-(17)





ESTIMATED QUANTITIES

CONCRETE CLASS "A" 28.0 CU.YDS.

REINFORC. STEEL 2329 LBS.

Note: Cost of Joint material to be included in the unit price bid For Concrete Cl. "A".

BILL OF STEEL

BAR	NO	SIZE	LENGTH	BAR	NO	SIZE	LENGTH
A	2	1⅛"ϕ	17'-9"	H3	4	½"ϕ	20'-9"
A1	1	1"ϕ	17'-2"	H4	4	"	16'-9"
A2	1	1"ϕ	21'-2"	H5	4	"	12'-6"
B	2	1⅛"ϕ	14'-0"	H6	4	"	8'-6"
C	14	⅝"ϕ	7'-4"	H7	4	½"ϕ	4'-6"
D	1	1"ϕ	12'-0"	J	2	"	24'-2"
				J1	2	"	22'-8"
E	3	¾"ϕ	5'-10"	J2	2	"	21'-3"
E1	1	½"ϕ	2'-9"	J3	2	"	19'-9"
E2	1	½"ϕ	4'-3"	J4	2	"	18'-3"
E3	3	1"ϕ	9'-0"	J5	2	"	16'-10"
F	1	1"ϕ	4'-9"	J6	2	"	15'-4"
F1	1	½"ϕ	4'-3"	J7	2	"	13'-10"
F2	1	"	3'-6"	J8	2	"	12'-5"
F3	1	"	3'-0"	J9	2	"	10'-11"
F4	1	½"ϕ	2'-3"	J10	2	"	9'-6"
				J11	2	½"ϕ	8'-0"
G	6	¾"ϕ	8'-6"	K	16	¾"ϕ	4'-11"
G1	3	¾"ϕ	8'-0"	K1	24	½"ϕ	3'-10"
				L	8	½"ϕ	10'-8"
H	8	¾"ϕ	27'-5"	M	44	½"ϕ	3'-6"
H1	8	¾"ϕ	28'-11"				
H2	4	½"ϕ	26'-9"	T	2	¾"ϕ	2'-0"

ABUTMENT NO.1

DESIGNED BY _____ DATE _____

DRAWN BY W.S. DATE 11-27-52

TRACED BY N.V.D. DATE 12-15-52

CHECKED BY _____ DATE _____

Tr'd W.S. 2/11/53

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

ABUTMENT NO.1
BRIDGE OVER STA. CAMP CREEK
SUMNER CO
1952

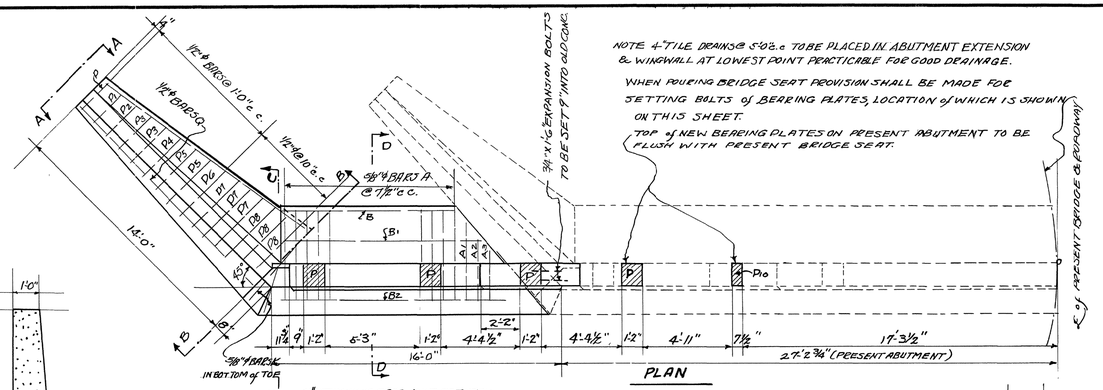
CORRECT L. M. Erickson BRIDGE ENGINEER

APPROVED Herbert S. McKee STATE HIGHWAY ENGINEER

E-14-62

FED ROAD DIST NO.	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	33	175

F-006-3-(17)



BILL of STEEL

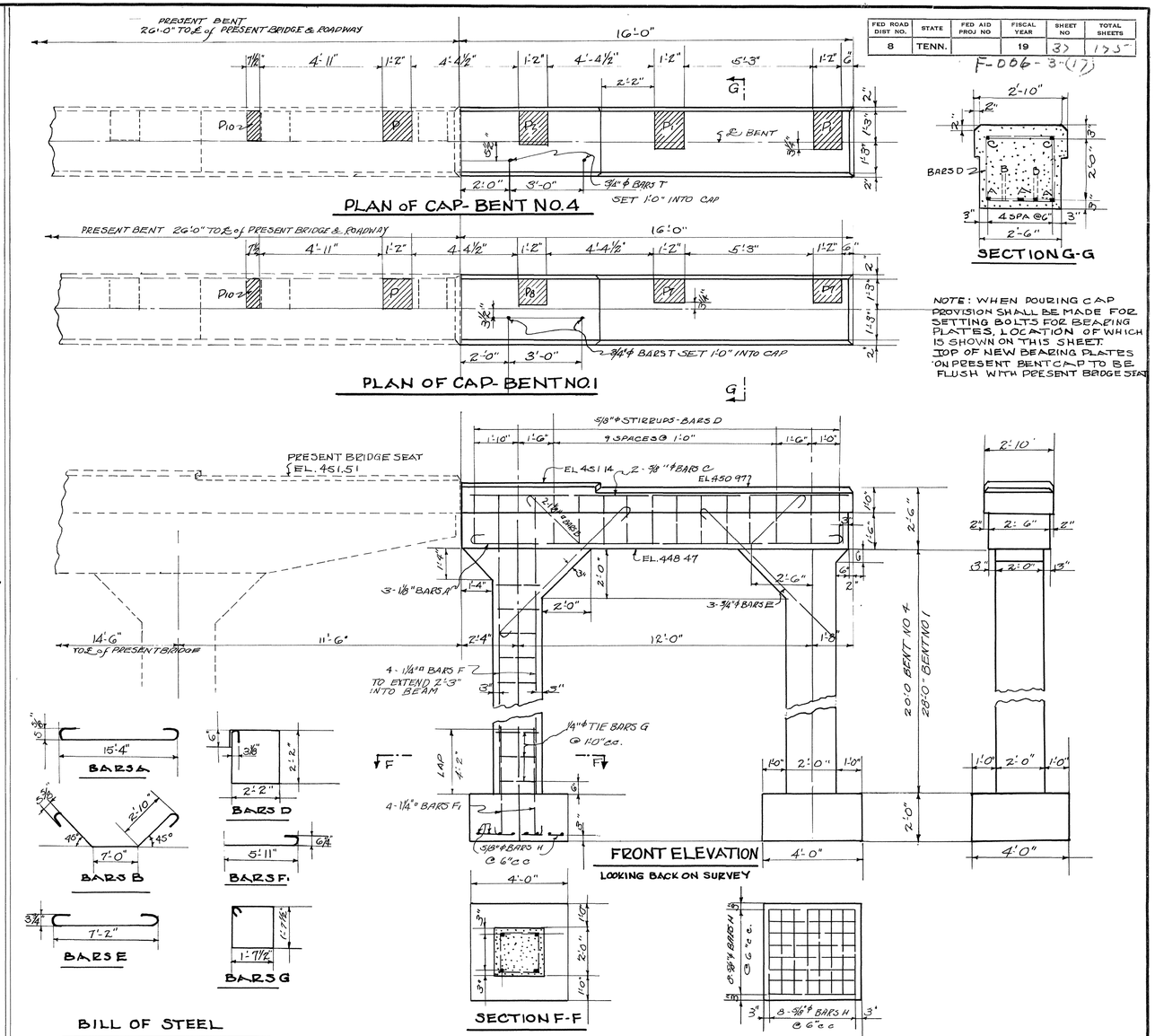
ABUTMENT PROPER			
BAR	NO	SIZE	LENGTH
A	16	5/8"ϕ	5'-0"
A1	1	"	4'-6"
A2	1	"	3'-9"
A3	1	5/8"ϕ	8'-0"
B	1	1/2"ϕ	9'-6"
B1	1	"	11'-0"
B2	1	1/2"ϕ	12'-0"
C	1	1/2"ϕ	15'-0"
D	1	1/2"ϕ	14'-6"
D1	3	"	17'-6"
D2	3	1/2"ϕ	16'-6"
D3	3	3/4"ϕ	17'-6"
E	15	5/8"ϕ	5'-10"
E1	15	"	9'-7"
E2	1	"	12'-8"
E3	4	5/8"ϕ	6'-9"
F	9	1/2"ϕ	6'-6"
K	2	7/8"ϕ	3'-6"

WING WALL								
BAR	NO	SIZE	LENGTH	BAR	NO	SIZE	LENGTH
M	1	1/2"ϕ	3'-0"	N11	1	1/2"ϕ	11'-6"
M1	1	"	5'-3"	N12	1	"	12'-0"
M2	1	"	7'-0"	N13	1	"	12'6"
M3	1	"	9'-0"	N14	3	"	4'-9"
M4	1	"	11'-0"	N15	3	1/2"ϕ	5'-0"
M5	5	1 1/2"ϕ	18'-9"				
				P	1	1/2"ϕ	2'-0"
N	1	1/2"ϕ	5'-3"	P1	1	"	2'-3"
N1	1	"	6'-0"	P2	1	"	2'-6"
N2	1	"	6'-6"	P3	2	"	2'-9"
N3	1	"	7'-0"	P4	1	"	3'-0"
N4	1	"	7'-6"	P5	2	"	3'-3"
N5	1	"	8'-0"	P6	1	"	3'-6"
N6	1	"	8'-6"	P7	3	"	3'-9"
N7	1	"	9'-0"	P8	3	1/2"ϕ	4'-0"
N8	1	"	9'-6"	Q	2	1/2"ϕ	13'-0"
N9	1	"	10'-3"	R	1	1 1/4"ϕ	14'-0"
N10	1	1/2"ϕ	10'-9"	S	3	7/8"ϕ	4'-3"

ESTIMATED QUANTITIES

CONCRETE CL. "A" 133 CU. YDS.
REINFORC. STEEL 857 LBS.
4- 3 1/4" x 1'-6" EXPANSION BOLTS
NOTE: COST of EXPANSION BOLTS IN PLACE & JOINT MATERIAL TO BE INCLUDED IN THE UNIT PRICE BID FOR CONCRETE CL "A"

ABUTMENT NO. 2



BILL OF STEEL

BENT	NO. 1		NO. 4	
BAR SIZE	NO.	LENGTH	NO.	LENGTH
A	1 1/8"ϕ	3	17'-2"	3	17'-2"
B	1 1/8"ϕ	2	14'-6"	2	14'-6"
C	5/8"ϕ	2	15'-6"	2	15'-6"
D	5/8"ϕ	12	9'-8"	12	9'-8"
E	3/4"ϕ	6	5'-6"	6	5'-6"
F	1 1/4"ϕ	8	30'-3"	8	22'-3"
F1	1 1/4"ϕ	8	6'-11"	8	6'-11"
G	1/4"ϕ	154	7'-0"	38	7'-0"
H	5/8"ϕ	32	3'-8"	32	3'-8"
T	3/4"ϕ	2	2'-0"	2	2'-0"

ESTIMATED QUANTITIES

BENT	NO. 1	NO. 4
CONCRETE CL "A" CU. YDS	150	126
REINFORC. STEEL LBS.	2,347	1,988

BENTS NO. 1 & 4

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

DETAILS of WIDENING
BRIDGE OVER STATION CAMP CREEK
SUMNER CO.
1952

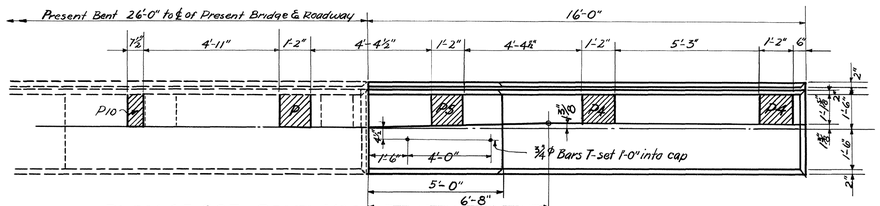
CORRECT: L. N. Erickson, BRIDGE ENGINEER
APPROVED: Herbert S. Bates, STATE HIGHWAY ENGINEER

E-14-G3

DESIGNED BY
DRAWN BY Wm Sutton DATE 11-25-52
TRACED BY Charles Brown DATE 12-4-52
CHECKED BY DATE

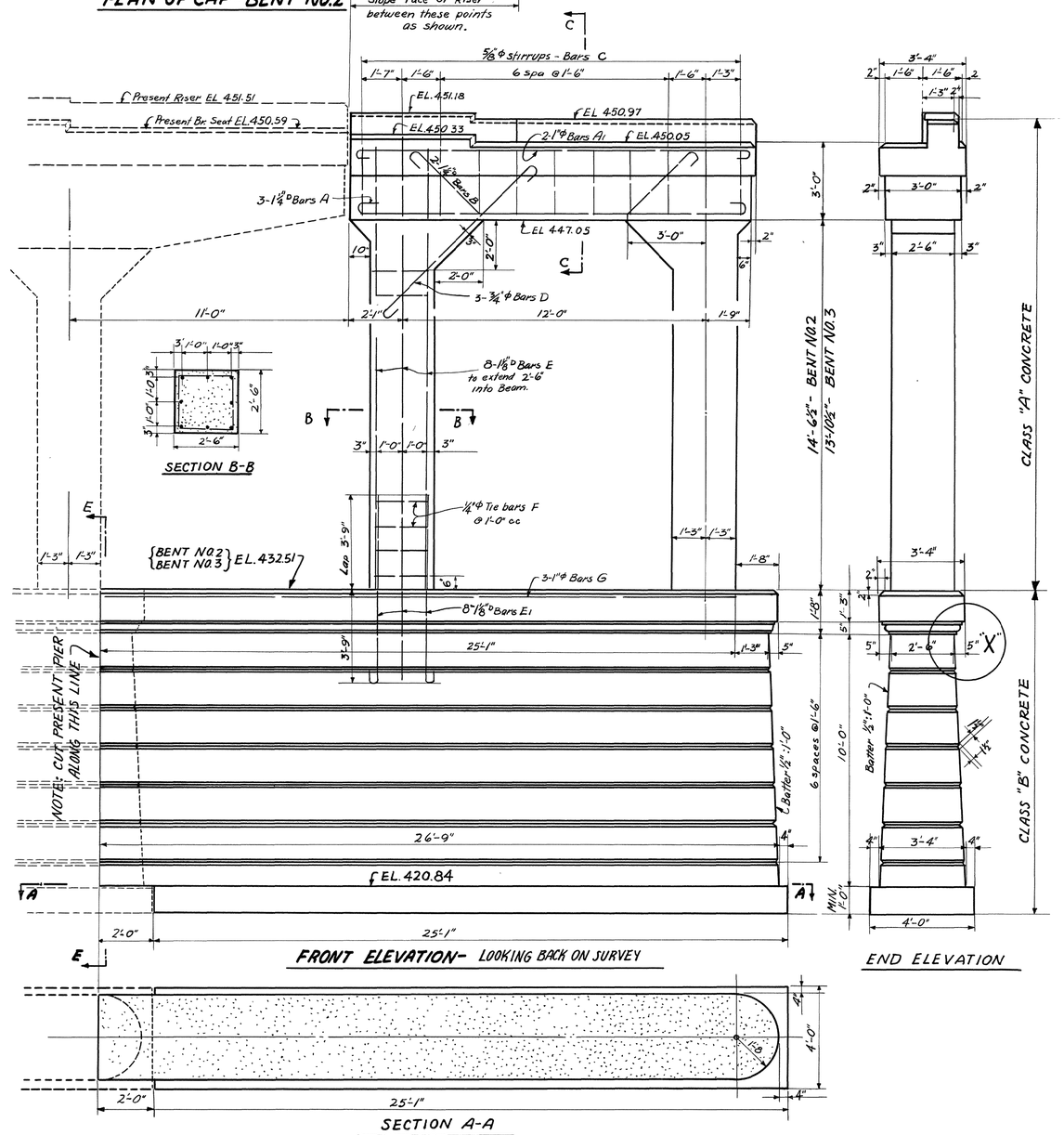
Tr. ck. W.S. 211153

FED ROAD DIST NO	STATE	FED AID PROJ NO.	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	35	175



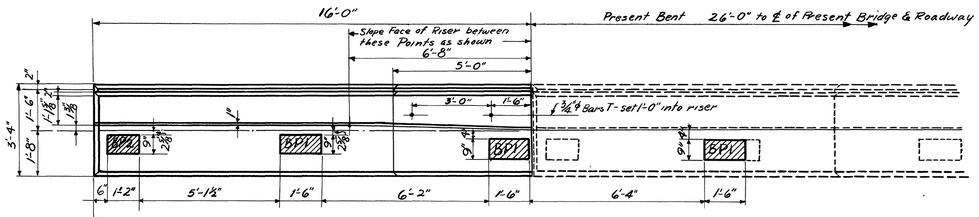
PLAN OF CAP-BENT NO.2

NOTE: When pouring bent caps provision shall be made for setting bolts for bearing plates, location of which is shown on this sheet. Top of new bearing plates on BENT NO.2 to be flush with present bridge seat.

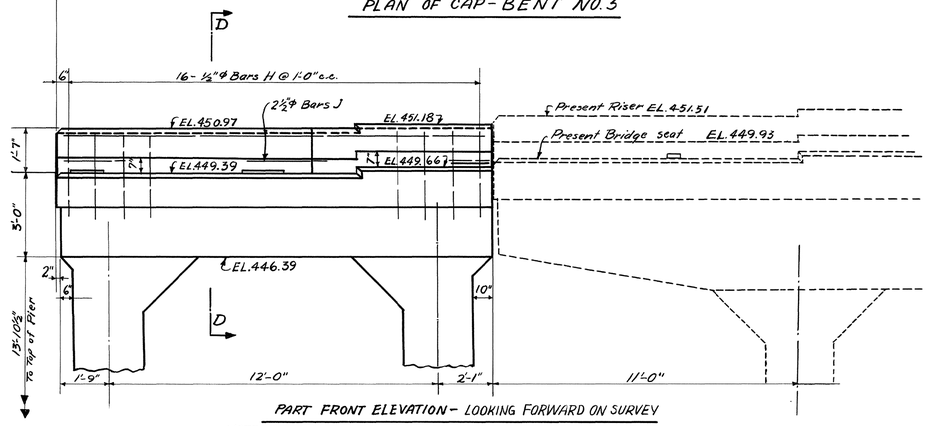


BENT NO.2

DESIGNED BY
DRAWN BY W Suter — DATE 11-26-52
TRACED BY A Kelley — DATE 12-5-52
CHECKED BY — DATE



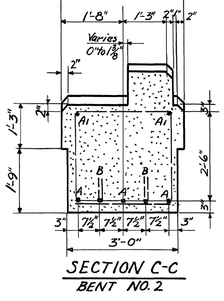
PLAN OF CAP-BENT NO.3



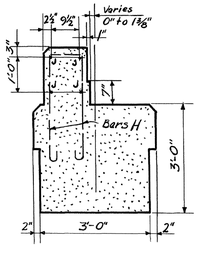
PART FRONT ELEVATION - LOOKING FORWARD ON SURVEY

NOTE: Reinforcement in Bent cap not shown same as in Bent NO.2. Reinforcement in Post same as in Bent NO.2 except as shown in Bill of Steel.

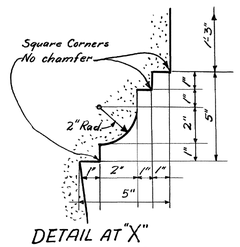
BENT NO.3



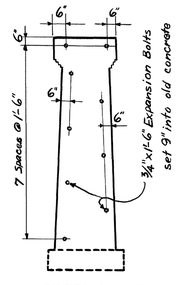
SECTION C-C
BENT NO.2



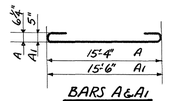
SECTION D-D
BENT NO.3



DETAIL AT "X"



SECTION E-E
SHOWING LOCATION OF EXPANSION BOLTS



BILL OF STEEL

BENT		NO. 2		NO. 3	
BAR	SIZE	NO.	LENGTH	NO.	LENGTH
A	1¼"ϕ	3	17'-4"	3	17'-4"
A1	1"ϕ	2	17'-2"	2	17'-2"
B	⅞"ϕ	2	15'-0"	2	15'-0"
C	⅝"ϕ	9	11'-8"	9	11'-8"
D	¾"ϕ	6	9'-3"	6	9'-3"
E	1⅛"ϕ	16	17'-0"	16	16'-4"
E1	1⅛"ϕ	16	8'-5"	16	8'-5"
F	½"ϕ	26	9'-0"	26	9'-0"
G	1"ϕ	3	25'-0"	3	25'-0"
H	½"ϕ	—	—	16	7'-9"
J	½"ϕ	—	—	4	15'-6"
T	¾"ϕ	2	2'-0"	2	2'-0"

ESTIMATED QUANTITIES

BENT	NO. 2	NO. 3
CONCRETE CL. "A" CU.YDS.	13.6	13.9
CONCRETE CL. "B" CU.YDS.	37.5	37.5
REINFORC. STEEL LBS.	2,714	2,793

9- ¾"x1'-6" Expansion bolts required for each bent.
NOTE: Cost of expansion bolts in place to be included in the unit price bid for Concrete Class "B".

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

BENTS NO.2 & 3
BRIDGE OVER STATION CAMP CREEK
SUMNER CO.
1952

CORRECT L. W. Erickson BRIDGE ENGINEER
APPROVED Herbert S. Bates STATE HIGHWAY ENGINEER

E-14-64

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Travis Smith Travis Smith
2026.03.26 14:09:22 -05'00'

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

TENNESSEE DEPARTMENT OF TRANSPORTATION
MATERIALS & TESTS DIVISION- GEOTECHNICAL ENGINEERING SECTION
6601 CENTENNIAL BLVD.
NASHVILLE, TN 37243
TRAVIS W. SMITH, P.E. NO. 113851

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET	GEOTECH-SIGN1
GEOTECHNICAL PLANS	G-2-G-5

YEAR	PROJECT NO.	SHEET NO.
2026	BR-NH-6(127)	GEOTECH-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

$$$$$SYTIME$$$$$$$
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	BR-NH-6(127)	G1
PS&E	2026	BR-NH-6(127)	G1

GEOTECHNICAL INDEX

SHEET NAME **SHEET NO.**

SIGNATURE SHEET GEOTECH-SIGN1

GEOTECHNICAL INDEX G-1

GEOTECHNICAL NOTES AND ESTIMATED QUANTITIES SHEET G-2

GEOTECHNICAL BORING LAYOUT G-3

GEOTECHNICAL BORING PROFILE G-4

GEOTECHNICAL TYPICAL SECTION G-5

STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

GEOTECHNICAL
INDEX

CELL BDRSG

$$$$$SYTIME$$$$$$$

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	BR-NH-6(127)	G2
PS&E	2026	BR-NH-6(127)	G2

DEFINITION OF EARTHWORK TERMS

THE TERMS AND DEFINITIONS BELOW SHALL CHARACTERIZE THE MATERIAL TYPE THAT WILL BE ENCOUNTERED DURING EXCAVATION AND GRADING. SEE TYPE MATERIAL REFERENCE IN TYPICAL SECTIONS LEGEND.

A. SOIL MATERIAL

SOIL MATERIAL IS MATERIAL THAT IS PREDOMINANTLY MADE UP OF NATURALLY OCCURRING MINERAL PARTICLES WHICH ARE FAIRLY READILY SEPARATED INTO RELATIVELY SMALL PIECES, AND IN WHICH THE MASS MAY CONTAIN AIR, WATER OR ORGANIC MATERIALS. THIS MATERIAL MAY CONTAIN ROCK PIECES IN THE FORM OF DISCONNECTED SLABS, LENSES, OR BOULDERS OF LESS THAN APPROXIMATELY 0.5 CUBIC YARDS. THE MAIN SOIL GROUPS CONSIST OF CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS (LESS THAN 0.5 CUBIC YARD VOLUME) OR A COMBINATION OF ANY OF THE CONSTITUENTS. FOR CONSTRUCTION PURPOSES, THIS MATERIAL WOULD TYPICALLY BE CONSIDERED TO BE EXCAVATABLE BY CONVENTIONAL EXCAVATION MACHINERY SUCH AS PANS, TRACK HOES, OR FRONT END EXCAVATORS/LOADERS.

B. SOLID ROCK MATERIAL

SOLID ROCK MATERIAL IS THAT NATURALLY OCCURRING MATERIAL COMPOSED OF MINERAL PARTICLES SO FIRMLY BONDED TOGETHER THAT RELATIVELY GREAT EFFORT IS REQUIRED TO SEPARATE THE PARTICLES (I.E. BLASTING OR HEAVY CRUSHING FORCES). FOR CONSTRUCTION PURPOSES, THIS MATERIAL WOULD TYPICALLY HAVE TO BE BLASTED TO SEPARATE INTO PIECES SMALL ENOUGH TO LOAD AND TRANSPORT ON EARTH MOVING TRUCKS AND WHICH WHEN SUBJECTED TO PROPER PRE-SPLIT AND PRODUCTION BLASTING WOULD RESULT IN A UNIFORM STABLE ROCK CUT FACE. NOTE THAT THIS MATERIAL WOULD NOT BY DEFINITION NECESSARILY BE A PROVEN SOURCE OF ANY ROCK TYPE AGGREGATE SUCH AS SOLID ROCK, GRADED SOLID ROCK, RIP RAP, OR OTHER ROCK AGGREGATE CONSTRUCTION PRODUCTS.

C. SOFT ROCK OR DEGRADABLE ROCK

THIS MATERIAL IS THAT NATURALLY OCCURRING MATERIAL COMPOSED OF MINERAL PARTICLES THAT ARE SO FIRMLY BONDED SUCH THAT THEY ARE NOT FAIRLY READILY SEPARATED INTO SMALL PIECES YET HAS SUCH RELATIVELY LOW BONDING STRENGTH THAT WOULD ALLOW FOR SEPARATING INTO SMALL PIECES THROUGH MODERATE TO HEAVY CRUSHING FORCES. FOR CONSTRUCTION PURPOSES THIS MATERIAL WOULD HAVE TO BE SUBJECTED TO RIPPING TYPE EQUIPMENT, HOE RAMS, OR RUGGED USE OF A LARGE BULLDOZER IN ORDER TO SEPARATE THE MATERIAL SUCH THAT IT CAN BE READILY LOADED INTO EARTH MOVING TRUCKS. THESE MATERIALS WOULD TYPICALLY BE SHALES, CLAYSTONES, SILTSTONES, WEATHERED SANDSTONES, WEATHERED SCHIST AND WEATHERED GNEISS.

D. TRANSITIONAL MATERIALS

THIS MATERIAL IS THAT MATERIAL COMPRISED OF A COMBINATION OF SOIL AND ROCK (MATERIALS A, B, AND C) OCCURRING IN EITHER NON-UNIFORM INTERBEDDED LAYERS OF THE ABOVE MATERIALS (I.E. SHALE MATERIAL WITH RELATIVELY THIN LAYERS OF SOLID ROCK SUCH AS HARD LIMESTONE) OR ERRATIC LOCALIZED CHANGES OF MATERIAL TYPES BOTH LATERALLY AND WITH DEPTH (SUCH AS A GEOLOGIC FORMATION RESULTING IN PINNACLED ROCK COLUMNS, FLOATING BOULDERS OR LENSES INTERCALATED WITH CLAY SOIL, A COMMON OCCURRENCE IN CERTAIN REGIONS OF TENNESSEE). FOR CONSTRUCTION PURPOSES, THIS MATERIAL MAY HAVE TO BE EXCAVATED USING A COMBINATION OF EXCAVATION METHODS SUCH AS BLASTING OF ROCK PINNACLES, LAYERS OR BOULDERS ALONG WITH A RIPPING OF WEATHERED ROCK AND EXCAVATING OF SOIL WITH TRACK HOES OR LOADERS ALL WITHIN A LOCALIZED AREA. THIS MATERIAL WOULD NOT BE SUITABLE FOR THE USE OF EXCAVATING PAN TYPE EQUIPMENT.

ESTIMATED GEOTECH QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)	203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	10300
(1)	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	5600

FOOTNOTES:

(1) THIS ITEM TO BE USED BETWEEN STATION 384+00 AND STATION 389+50 OR OTHERWISE AS DIRECTED BY ENGINEER FOR THE STABILIZATION OF SUBGRADE.

NOTES

GRADED SOLID ROCK BUTTRESSES WILL BE REQUIRED:

* 384+00 TO 389+50

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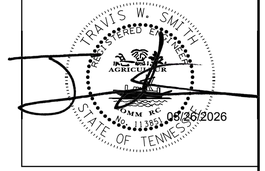

STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

GEOTECHNICAL NOTES & EST. QTYS.

CELL BDRSG
$$$$$SYTIME$$$$$$$
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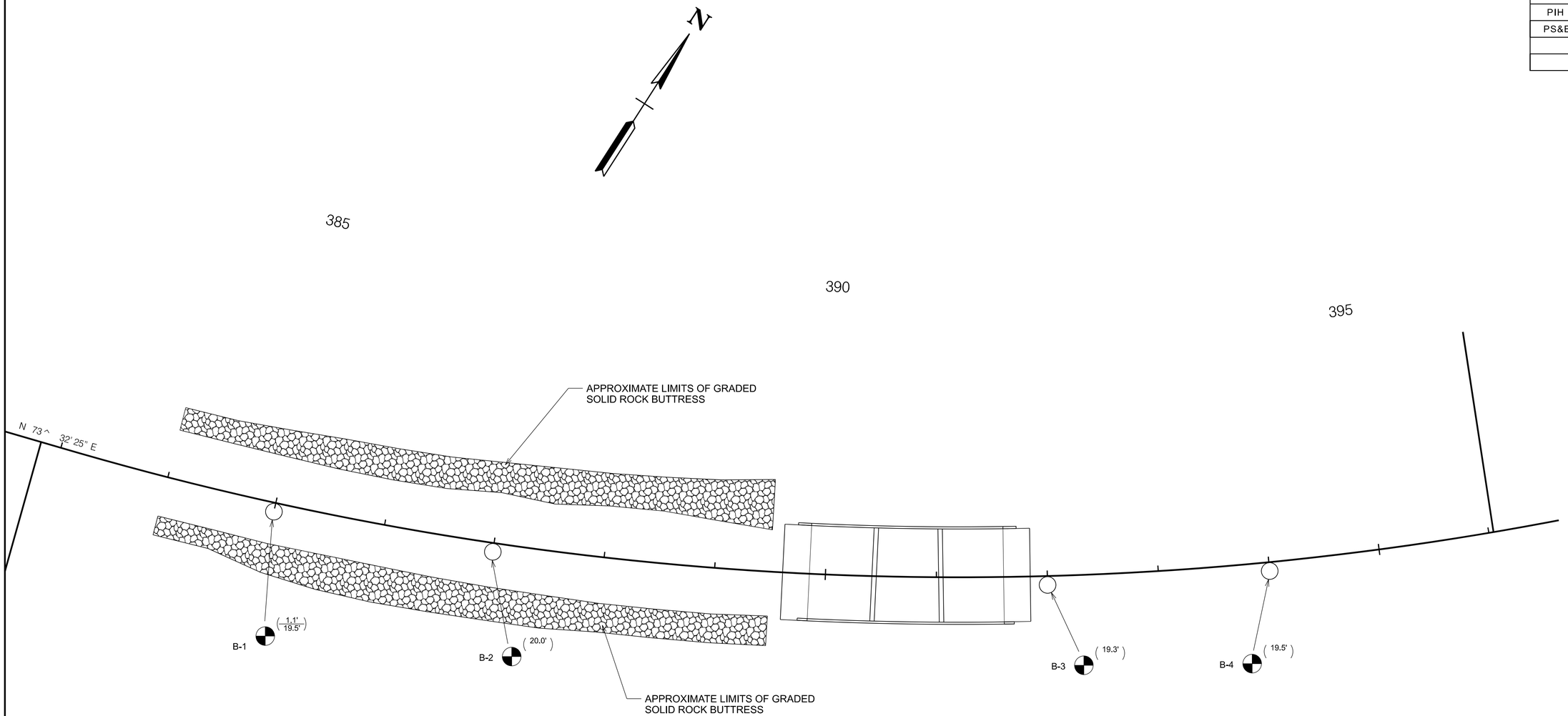
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	BR-NH-6(127)	G3
PS&E	2026	BR-NH-6(127)	G3



LEGEND

B-1 (24.5' / 70.3') — BORING LOCATION. DEPTH TO REFUSAL (ABOVE LINE), BOTTOM OF HOLE (BELOW LINE)

B-1 (24.5') — BORING LOCATION TERMINATION DEPTH (NO REFUSAL)

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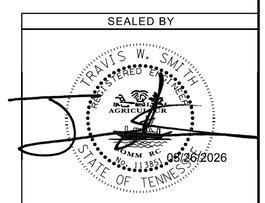

COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL
BORING LAYOUT

CELL BDRSG
$$$$$SYTIME$$$$$$$
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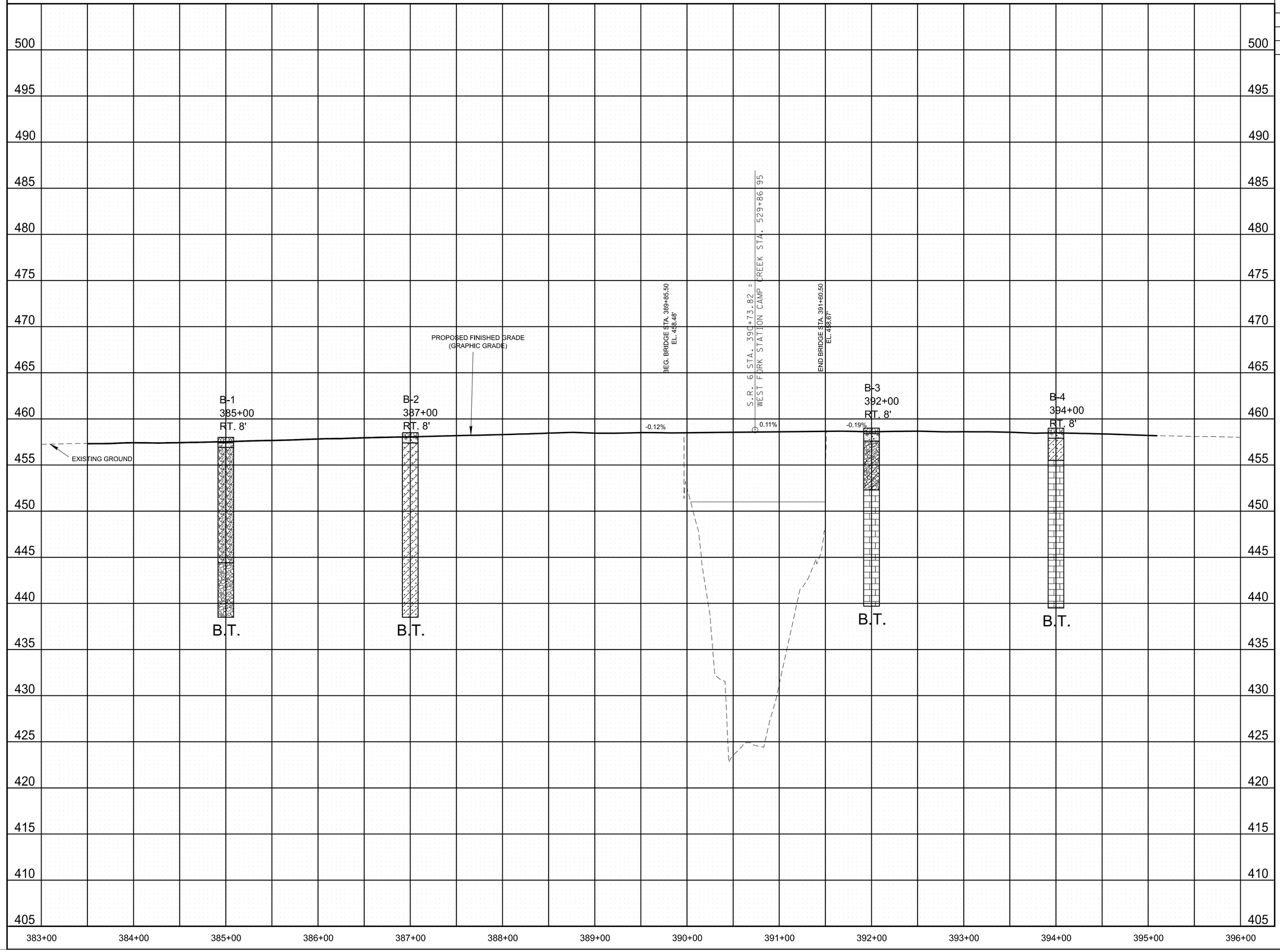
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	BR-NH-6(127)	G4
PS&E	2026	BR-NH-6(127)	G4



LEGEND

- ASPHALT
- BOULDERS AND COBBLES
- CONCRETE
- GRAVEL (TYPE A MATERIAL)
- CLAYEY GRAVEL (TYPE A MATERIAL)
- SANDY CLAY (TYPE A MATERIAL)
- LIMESTONE (TYPE B MATERIAL)

TYPE MATERIAL-SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL EST. QTYS. SHEET.
B.T.= BORING TERMINATED

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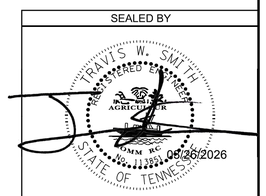

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING PROFILE

CELL MGRID
$$$$$YTIME$$$$$$$$
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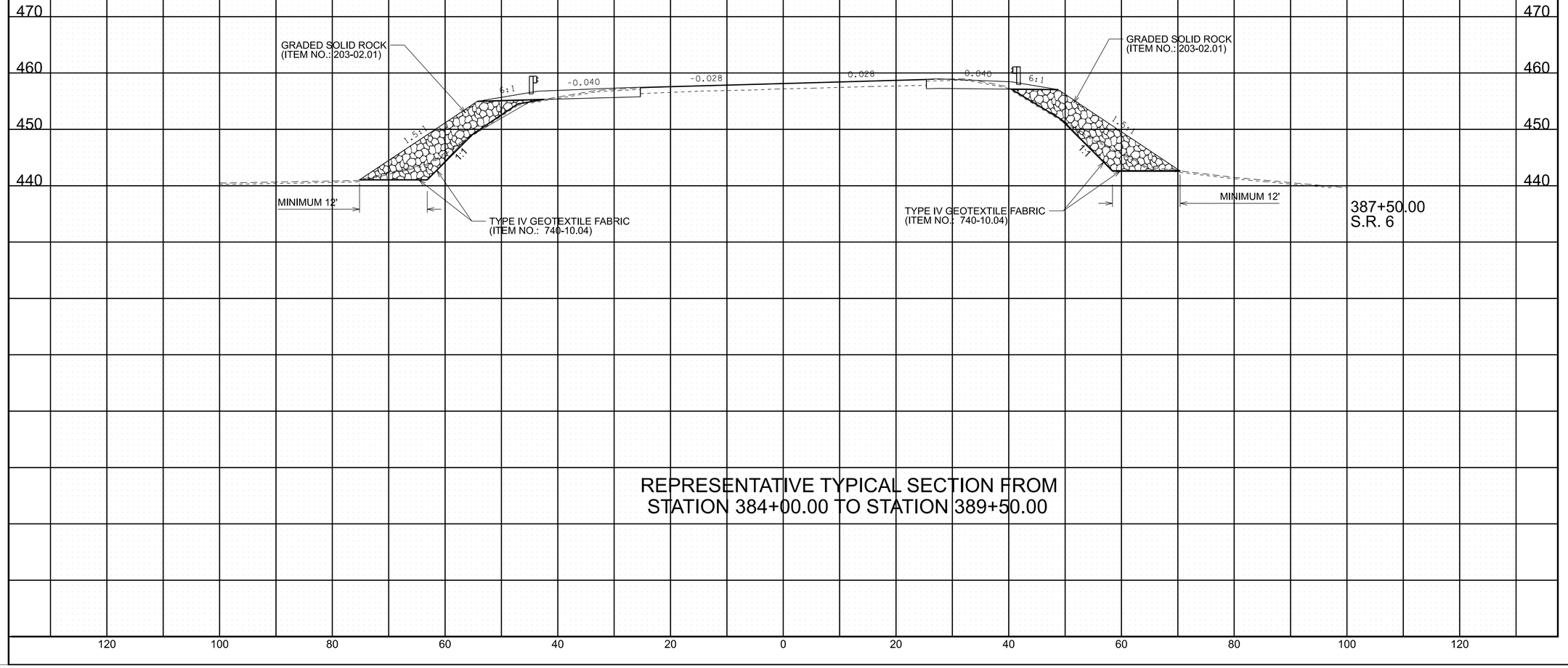
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	BR-NH-6(127)	G5
PS&E	2026	BR-NH-6(127)	G5



REPRESENTATIVE TYPICAL SECTION FROM
STATION 384+00.00 TO STATION 389+50.00

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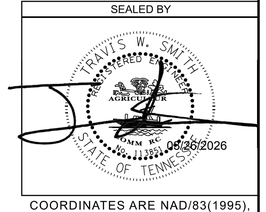

06/26/2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL
TYPICAL SECTIONS

CELL MGRID
$$$$$SYTIME$$$$$$$
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TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(127)	
PS&E	2026	BR-NH-6(127)	S-1

-SWPPP INDEX OF SHEETS

DESCRIPTION	SHT.
1. SWPPP REQUIREMENTS (5.0.)	1
2. SITE DESCRIPTION (5.5.1.)	1
3. ORDER OF CONSTRUCTION ACTIVITIES (5.5.1.a)	1
4. STREAM, OUTFALL, WETLAND, TMDL AND ECOLOGY INFORMATION	1-2
5. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (5.5.3.)	2-3
6. FLOCCULANTS (3.5.3.1.b)	3
7. UTILITY RELOCATION	3-4
8. MAINTENANCE AND INSPECTION	4
9. SITE ASSESSMENTS (5.5.3.8.)	4
10. STORMWATER MANAGEMENT (5.5.3.11.h)	4-5
11. NON-STORMWATER DISCHARGES (5.5.3.12.)	5
12. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (5.5.3.7.c, 6.1)	5-6
13. RECORD-KEEPING	6-7
14. SITE WIDE/PRIMARY PERMITTEE CERTIFICATION (8.7.5.)	7
15. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (8.7.6.)	7
16. ENVIRONMENTAL PERMITS (1.5.2.)	7
17. OUTFALL TABLE (5.5.1.c, 6.4.1.e, 6.4.1.f)	8

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

1. SWPPP REQUIREMENTS (5.0.)

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

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

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

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

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

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

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

2. SITE DESCRIPTION (5.5.1.)

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

2.2. TOTAL PROJECT AREA (5.5.1.b): 4.707 ACRES

2.3. TOTAL AREA TO BE DISTURBED (5.5.1.b): 4.069 ACRES

2.4. PROJECT DESCRIPTION (5.5.1.a):

TITLE: STATE ROUTE 6 (NASHVILLE PIKE), BRIDGE OVER WEST FORK STATION CAMP CREEK AT LOG MILE 9.84
COUNTY: SUMNER
PIN: 124722.00

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

2.6. DESCRIPTION OF EXISTING SITE TOPOGRAPHY (5.5.1.c): REFER TO EXISTING CONTOURS SHEET(S) 9, DRAINAGE MAP SHEET(S) 6, USGS QUAD MAP, AND THE OUTFALL TABLE IN SECTION 4.2.

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

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

2.8. NO MORE THAN 50 ACRES OF ACTIVE SOIL DISTURBANCE IS ALLOWED AT ANY TIME DURING THE CONSTRUCTION OF THE PROJECT.

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

IF YES, LIST THE CORRESPONDING PLAN SHEET: 1B

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

☐ YES _____ (DATE) ☒ NO

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

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

SOIL PROPERTIES			
PRIMARY SOIL NAME	HSG	% OF SITE	ERODIBILITY (k value)
HARPETH SILT LOAM, 2-5% SLOPES, ERODED	B	2.1	0.37
MIMOSA SILT LOAM, 5-12% SLOPES, ERODED	C	25.6	0.37
PIT-DUMPS COMPLEX	-	0.3	-
WATER	-	72.0	-

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

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

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

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

RUNOFF COEFFICIENTS FOR EXISTING CONDITIONS				
AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
PAVEMENT	1.91	56.2		0.9
OPEN GRASED AREAS	0.23	6.7		0.4
FORESTED AREAS	1.26	37.1		0.3
WATER	1.31	-		-
WEIGHTED CURVE NUMBER OR C-FACTOR =				0.64

RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS				
AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
PAVEMENT	1.91	56.2		0.9
RIPRAP	0.67	19.7		0.7
OPEN GRASSED AREAS	0.23	6.7		0.4
FORESTED AREAS	0.59	17.4		0.3
WATER	1.31	-		-
WEIGHTED CURVE NUMBER OR C-FACTOR =				0.72

3. ORDER OF CONSTRUCTION ACTIVITIES (5.5.1.a)

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

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

3.2. INSTALL STABILIZED CONSTRUCTION EXITS.

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

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

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

3.6. REMOVE AND STORE TOPSOIL.

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

3.8. INSTALL UTILITIES, STORM SEWERS, CULVERTS AND BRIDGE STRUCTURES.

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

3.10. PERFORM FINAL GRADING AND INSTALL BASE STONE.

3.11. COMPLETE FINAL PAVING AND SEALING OF CONCRETE.

3.12. INSTALL TRAFFIC CONTROL AND PROTECTION DEVICES.

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

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

3.15. RE-STABILIZE AREAS DISTURBED BY REMOVAL ACTIVITIES.

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

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

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

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

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

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

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

RECEIVING WATERS OF THE STATE INFORMATION					
TDOT STATE WATER LABEL FROM EBR	NAME OF RECEIVING STATE WATER	303d WITH UNAVAILABLE PARAMETERS FOR SILTATION (YES OR NO)	ETW (YES OR NO)	LOCATED WITHIN PROJECT LIMITS (YES OR NO)	LOCATED WITHIN ≤ 1 FLOW MILE DOWN GRADIENT OF PROJECT LIMITS (YES OR NO)
STR-1	WEST FORK STATION CAMP CREEK	NO	NO	YES	NO
N/A	OLD HICKORY RESERVOIR	NO	NO	NO	YES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

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

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

WET WEATHER CONVEYANCES THAT ARE WATERS OF THE US		
TDOT STATE WATER LABEL FROM EBR	LOCATED WITHIN PROJECT LIMITS (YES OR NO)	LOCATED WITHIN ≤ 1 FLOW MILE DOWN GRADIENT OF PROJECT LIMITS (YES OR NO)

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

☐ YES ☒ NO

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

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

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

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

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

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

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

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

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

☒ YES ☐ NO

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

IF YES, EXISTING CONDITIONS DESCRIPTION:_____

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

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

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

4.2. OUTFALL INFORMATION

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

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

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

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

☐ YES ☐ NO ☒ N/A

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

☐ YES ☐ NO ☒ N/A

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

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

OR

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

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

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

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

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

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

4.3. WETLAND INFORMATION

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

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

WETLAND INFORMATION				
TDOT WETLAND LABEL	FROM STATION LT OR RT	TO STATION LT OR RT	TEMPORARY IMPACTS (AC)	PERMANENT IMPACTS (AC)

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

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

☐YES ☒ NO

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

☐ YES ☐ NO

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

☐ YES ☐ NO

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

4.5. ECOLOGY INFORMATION (3.5.5.e)

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

☐ YES ☒ NO

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

4.6. ENVIRONMENTAL COMMITMENTS

ARE THERE ANY NOTES ON THE ENVIRONMENTAL COMMITMENT SHEET?

☒ YES ☐ NO

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) 1B.

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

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

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

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

☒YES ☐ NO

5.4. THE CONTROL MEASURES HAVE, AT A MINIMUM, BEEN DESIGNED FOR THE 2-YEAR, 24 HOUR STORM EVENT (5.5.3.5., 6.4.1.b).

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

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

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

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

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

YES ☒ NO ☐

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

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

5.11. THE STRUCTURAL EPSC MEASURES HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE AQUATIC RESOURCE ALTERATION (ARAP) PERMIT OR SECTION 401 CERTIFICATION (5.5.1.h). REFER TO THE LIST OF APPLICABLE ENVIRONMENTAL PERMITS LOCATED ON SWPPP SHEET S-7. ALL PERMITS WILL BE MAINTAINED ON SITE WITHIN THE "DOCUMENTATION AND PERMITS" BINDER.

5.12. THE EPSC CONTROL MEASURES LISTED IN THE QUANTITIES TABLE ON SHEET 8 HAVE BEEN SELECTED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES (5.1., 5.5.3.1.b, 5.5.3.5.).

5.13. EPSC MEASURES SHALL BE INSTALLED PER TDOT STANDARDS (i.e. STANDARD DRAWINGS) AND SHALL BE FUNCTIONAL PRIOR TO ANY EARTH MOVING OPERATIONS.

5.14. EPSC MEASURES WILL NOT BE INSTALLED WITHIN A STREAM WITHOUT FIRST OBTAINING APPROVAL FROM THE PERMITS SECTION.

5.15. TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT MUST BE REINSTALLED AT THE END OF THE WORKDAY OR BEFORE A PRECIPITATION EVENT.

5.16. EPSC MEASURES LOCATED IN WOTUS (EPHEMERAL STREAMS) MUST BE CONSIDERED TEMPORARY AND SHALL BE REMOVED AT THE END OF CONSTRUCTION.

5.17. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFF-SITE MIGRATION OR DEPOSIT OF SEDIMENT OFF THE PROJECT LIMITS (E.G. R.O.W., EASEMENTS, ETC.), INTO WATERS OF THE STATE/U.S., OR ONTO ROADWAYS USED BY THE PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED TO A LEVEL SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS (E.G., FUGITIVE SEDIMENT THAT HAS ESCAPED THE CONSTRUCTION SITE AND HAS COLLECTED IN A STREET MUST BE REMOVED SO THAT IT IS NOT SUBSEQUENTLY WASHED INTO STORM SEWERS AND STREAMS BY THE NEXT RAIN AND/OR SO THAT IT DOES NOT POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS). ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE SETTLED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT. SEDIMENT THAT MIGRATES INTO WATERS OF THE STATE/US SHALL NOT BE REMOVED WITHOUT GUIDANCE FROM TDOT ENVIRONMENTAL PERSONNEL.

5.18. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION EXIT (A POINT OF ENTRANCE/EXIT TO THE CONSTRUCTION PROJECT) SHALL BE PROVIDED TO REDUCE THE TRACKING OF MUD AND DIRT ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.

5.19. THE QUANTITIES REQUIRED FOR STABILIZED CONSTRUCTION EXITS PER TDOT STANDARDS HAVE BEEN SPECIFIED ON SHEET 8 (5.5.3.1.j).

5.20. DISCHARGES FROM DEWATERING ACTIVITIES ARE PROHIBITED UNLESS MANAGED BY APPROPRIATE CONTROLS THAT PROVIDE THE LEVEL OF TREATMENT (FILTRATION) NECESSARY TO COMPLY WITH PERMIT REQUIREMENTS. (4.1.3.).

5.21. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE OR WELL VEGETATED OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT.

5.22. DISCHARGES FROM SEDIMENT BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE, WELL- VEGETATED AND/OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT. (5.5.3.5.).

5.23. THE DEWATERING OF WORK AREAS, TRENCHES, FOUNDATIONS, EXCAVATIONS, ETC. THAT HAVE COLLECTED STORMWATER, WATER FROM VEHICLE WASH AREAS, OR GROUNDWATER SHALL BE EITHER HELD IN SETTLING BASINS OR TREATED BY FILTRATION AND/OR CHEMICAL TREATMENT PRIOR TO ITS DISCHARGE. ALL CHEMICAL TREATMENTS MUST BE APPLIED PER SECTION 6 FLOCCULANTS.

5.24. WATER DISCHARGED FROM DEWATERING ACTIVITIES SHALL NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING NATURAL RESOURCE. WATER MUST BE HELD WITHIN SETTLING BASINS UNTIL IT IS AT LEAST AS CLEAR AS THE RECEIVING WATERS.

5.25. DEWATERING STRUCTURES, SEDIMENT FILTER BAGS, SEDIMENT BASINS AND TRAPS SHALL NOT BE LOCATED CLOSER THAN 30 FEET (60 FEET DESIRABLE VEGETATIVE BUFFER) FOR WATERS WITH UNAVAILABLE PARAMETERS AND EXCEPTIONAL TENNESSEE WATERS (ETW) AND 15 FEET (30 FEET DESIRABLE VEGETATIVE BUFFER) FOR ALL OTHER FEATURES FROM THE TOP BANK OF A STREAM, WOTUS (EPHEMERAL), WETLAND OR OTHER NATURAL RESOURCE AND SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED.

5.26. STABILIZATION PRACTICES: PRE-CONSTRUCTION VEGETATIVE COVER WILL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 2 WEEKS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA WILL BE SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED (5.5.3.5.f).

5.27. STABILIZATION MEASURES WILL BE INITIATED AS SOON AS POSSIBLE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY OR PERMANENT STABILIZATION WILL BE COMPLETED WITHIN 2 WEEKS AFTER ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IN THAT AREA. PERMANENT STABILIZATION WILL REPLACE TEMPORARY MEASURES AS SOON AS PRACTICABLE (5.5.3.4.).

5.28. PRIORITY SHALL BE GIVEN TO FINISHING OPERATIONS AND PERMANENT EPSC MEASURES OVER TEMPORARY EPSC MEASURES ON ALL PROJECTS. UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE

5.29. DELAYING THE PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS OR DRY MONTHS SHOULD BE AVOIDED, IF POSSIBLE.

5.30. STEEP SLOPES SHALL BE TEMPORARILY STABILIZED NOT LATER THAN 1 WEEK AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED. (5.5.3.4.).

6. FLOCCULANTS (3.5.3.1.b)

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

IF YES, THE FOLLOWING NOTES APPLY:

6.1. ENSURE THE FLOCCULANT EMULSIONS AND POWDERS ARE OF THE ANIONIC TYPE (5.5.3.5.). AND MEET THE FOLLOWING REQUIREMENTS:

6.1.1. MEETS THE EPA AND FDA ACRYLAMIDE MONOMER LIMITS OF EQUAL TO OR GREATER THAN 0.005% ACRYLAMIDE MONOMER.

6.1.2. HAS A DENSITY OF 10% TO 55% BY WEIGHT AND A MOLECULAR WEIGHT OF 16 TO 24 MG/MOLE (MILLIGRAM PER MOLE).

6.1.3. MIXTURE IS NON-COMBUSTIBLE.

6.1.4. CONTAINS ONLY MANUFACTURER'S RECOMMENDED ADDITIVES.

6.2. FLOCCULANT SHALL BE MIXED AND APPLIED IN ACCORDANCE WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) MATERIAL SAFETY DATA SHEET REQUIREMENTS AND THE MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIED USES CONFORMING TO ALL FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS.

6.3. ALL VENDORS AND SUPPLIERS OF FLOCCULANT BLENDS SHALL PRESENT OR SUPPLY A WRITTEN TOXICITY REPORT WHICH VERIFIES ACCEPTABLE TOXICITY PARAMETERS WHICH MEET OR EXCEED THE EPS REQUIREMENTS FOR THE STATE AND FEDERAL WATER QUALITY STANDARDS. WHOLE EFFLUENT TESTING DOES NOT MEET THIS REQUIREMENT AS PRIMARY REACTIONS HAVE OCCURRED AND TOXIC POTENTIALS HAVE BEEN REDUCED. CATIONIC FORMS OF FLOCCULANTS ARE NOT ALLOWED UNDER THIS SECTION DUE TO HIGH LEVELS OF TOXICITY TO AQUATIC ORGANISMS. FLOCCULANT EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN WATERS DUE TO SURFACTANT TOXICITY. THE CONTRACTOR MUST SEEK THE APPROVAL OF THE EPSC DESIGN ENGINEER AND TDOT IF CHITOSAN IS PROPOSED FOR THIS PROJECT.

6.4. ALL VENDORS AND SUPPLIERS OF FLOCCULANT BLENDS SHALL SUPPLY WRITTEN "SITE SPECIFIC" TESTING RESULTS DEMONSTRATING A PERFORMANCE OF 95% OR GREATER REDUCTION OF NTU OR TSS FROM STORMWATER DISCHARGES.

6.5. EMULSION BATCHES SHALL BE MIXED FOLLOWING RECOMMENDATIONS OF THE TESTING LABORATORY THAT DETERMINES THE PROPER PRODUCT AND RATE TO MEET SITE REQUIREMENTS. APPLICATION METHODS SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA. EMULSIONS SHALL NEVER BE APPLIED DIRECTLY TO STORMWATER RUNOFF OR RIPARIAN BUFFERS.

6.6. FLOCCULANT POWDER MAY BE APPLIED BY A HAND OR MECHANICAL SPREADER. MIXING OF THE FLOCCULANT POWDER WITH DRY SILICA SAND WILL AID IN SPREADING.

6.7. PREMIXING OF FLOCCULANT POWDER INTO FERTILIZER, SEED, OR OTHER SOIL AMENDMENTS IS ALLOWED WHEN SPECIFIED IN THE DESIGN PLAN. APPLICATION METHOD SHALL ENSURE UNIFORM COVERAGE TO THE TARGET AREA.

6.8. FLOCCULANT LOGS OR BLOCKS SHALL BE APPLIED FOLLOWING SITE TESTING RESULTS TO ENSURE PROPER PLACEMENT AND PERFORMANCE AND SHALL MEET OR EXCEED STATE AND FEDERAL WATER QUALITY REQUIREMENTS.

6.9. DO NOT APPLY FLOCCULANTS DIRECTLY TO, OR WITHIN 60 FEET, OF ANY STREAMS, WETLANDS, OR OTHER NATURAL WATER RESOURCE LOCATED ON OR ADJACENT TO THE CONSTRUCTION SITE. DO NOT APPLY FLOCCULANTS DIRECTLY INTO WATERS CONTAINED WITHIN SEDIMENT PONDS OR TO SLOPES THAT PRODUCE RUNOFF DIRECTLY INTO A STREAM, WETLAND, OR OTHER NATURAL WATER RESOURCE. DO NOT APPLY FLOCCULANTS IMMEDIATELY AT A STORMWATER OUTFALL WHERE RUNOFF LEAVES THE PROJECT LIMITS.

7. UTILITY RELOCATION

ARE UTILITIES INCLUDED IN THE CONTRACT? ☒ YES ☐ NO

IF YES, THE FOLLOWING APPLY:

7.1. STORMWATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG AND TREATED PRIOR TO DISCHARGE.

7.2. SILT FENCE SHALL BE INSTALLED ON THE DOWNGRADIENT SIDE OF STOCKPILED SOIL. ANY TRENCHING ACROSS WET WEATHER CONVEYANCES SHALL BE DONE DURING DRY CONDITIONS, REMOVED AND STABILIZED BY THE END OF THE WORK DAY.

7.3. UTILITY CROSSINGS IN ENVIRONMENTAL FEATURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. ENVIRONMENTAL PERMITS APPLY TO UTILITIES IN THIS PROJECT. THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMITS.

7.4. IT IS THE RESPONSIBILITY OF THE STATE UTILITY CONTRACTOR TO PROTECT EXPOSED EARTH FROM EROSION AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE EPSC MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF THEIR WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME, SHALL EXPOSED EARTH RESULTING FROM THEIR OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND ENTERING WATERS OF THE STATE/U.S.

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7.5. FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN FOURTEEN DAYS AFTER BEING BACKFILLED. ANY TEMPORARY SPOILS OF EXCAVATED EARTH SHALL BE LOCATED WITHIN TDOT EPSC MEASURES OR RECEIVE SEPARATE EPSC MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EPSC MEASURES WILL BE INSTALLED BY THE STATE UTILITY CONTRACTOR UNTIL THE TRENCH IS BACKFILLED.

7.6. IN REGARDS TO EPSC, TDEC REGULATIONS APPLY TO THE STATE UTILITY CONTRACTORS ON THIS PROJECT. THE STATE CONTRACTOR IS RESPONSIBLE FOR EPSC MEASURES RELATED TO UTILITY CONSTRUCTION INCLUDED IN THE STATE CONTRACT.

7.7. TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORMWATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EPSC MEASURES MAY BE REQUIRED TO BE INSTALLED AS APPROVED BY THE TDOT PROJECT ENGINEER.

7.8. FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE TDOT RIGHT-OF-WAY, EPSC MEASURES SHALL BE INSTALLED PRIOR TO CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. THESE EPSC MEASURES SHALL REMAIN UNTIL THE BACKFILLED TRENCH IS STABILIZED WITH PERMANENT VEGETATIVE COVER.

7.9. THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS AS APPROVED BY THE TDOT RESPONSIBLE PARTY.

7.10. THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EPSC MEASURES TO REPLACE ONSITE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT ENGINEER BEFORE COMMENCING WORK.

7.11. FOR UTILITY CROSSINGS THAT UTILIZE HORIZONTAL DIRECTIONAL DRILLING THE FOLLOWING SHALL APPLY:

7.11.1. THE ENTRY AND EXIT POINTS SHALL BE AT LEAST 50 FEET FROM THE STREAM BANK OR WETLAND BOUNDARY.

7.11.2. THE DEPTH OF BORE BELOW THE STREAMBED IS SUFFICIENT TO PREVENT RELEASE OF DRILLING FLUID, BASED ON THE PARENT MATERIAL.

7.11.3. A SITE-SPECIFIC CONTINGENCY AND CONTAINMENT PLAN FOR INADVERTENT RELEASE OF DRILLING FLUID SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT OF WORK. THIS PLAN SHALL BE SUBMITTED TO THE TDOT PROJECT ENGINEER AND THE TDOT ENVIRONMENTAL DIVISION PERMITS AND/OR COMPLIANCE AND FIELD SERVICES OFFICE FOR REVIEW AND APPROVAL.

8. MAINTENANCE AND INSPECTION

8.1. INSPECTION PRACTICES (5.5.3.9.)

8.1.1. PROJECT EPSC INSPECTORS AND ENGINEERS (INCLUDING TDOT STAFF, CONSULTANTS AND CONTRACTOR STAFF) RESPONSIBLE FOR THE INSPECTION, IMPLEMENTATION, MAINTENANCE. AND/OR REPAIR OF EPSC MEASURES SHALL MEET ONE OF THE FOLLOWING REQUIREMENTS (5.5.3.10.):

8.1.1.1. SUCCESSFULLY COMPLETED THE TDOT EPSC INSPECTIONS TRAINING AND ANY RECERTIFICATION COURSE AS REQUIRED.

8.1.1.2. SUCCESSFULLY COMPLETED THE TDEC “LEVEL I - FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL” COURSE AND ANY RECERTIFICATION COURSES AS REQUIRED.

8.1.1.3. BE A CURRENT TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT.

8.1.1.4. BE A CURRENT CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC).

8.1.1.5. SUCCESSFULLY COMPLETED TDEC “LEVEL II – DESIGN PRINCIPLES FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES” COURSE AND ANY RECERTIFICATION COURSE AS REQUIRED.

8.1.2. THE TDOT CONSTRUCTION ENGINEER (OR THEIR DULY AUTHORIZED REPRESENTATIVE) AND THE CONTRACTOR’S SITE SUPERINTENDENT ARE RESPONSIBLE FOR INSPECTIONS. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE TDOT CONSTRUCTION ENGINEER OR THEIR DULY AUTHORIZED REPRESENTATIVE SHALL COMPLETE THE EPSC INSPECTION REPORTS AND DISTRIBUTE COPIES PER THE CONTRACT.

8.1.3. THE INSPECTOR SHALL CONDUCT PRE-CONSTRUCTION INSPECTIONS TO VERIFY AREAS THAT ARE NOT TO BE DISTURBED HAVE BEEN MARKED IN THE SWPPP AND IN THE FIELD BEFORE LAND DISTURBANCE ACTIVITIES BEGIN AND INITIAL MEASURES HAVE BEEN INSTALLED (10 “INSPECTOR”) (5.5.1.f).

8.1.4. EPSC CONTROLS SHALL BE INSPECTED TO VERIFY MEASURES HAVE BEEN INSTALLED AND MAINTAINED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS, SPECIFICATIONS, AND GOOD ENGINEERING PRACTICES. EPSC INSPECTIONS SHALL BE DOCUMENTED ON THE TDOT EPSC INSPECTION REPORT FORM AND THE TDEC CONSTRUCTION STORMWATER INSPECTION CERTIFICATION (TWICE-WEEKLY INSPECTIONS) FORM.

8.1.5. OUTFALL POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING EROSION AND CONTROLLING SEDIMENT INCLUDING SIGNIFICANT IMPACTS TO SURROUNDING STATE WATERS, WOTUS (EPHEMERAL), WETLANDS, OTHER NATURAL RESOURCES AND ADJACENT PROPERTY OWNERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWN GRADIENT LOCATIONS SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE ROADWAY SEDIMENT TRACKING.

8.1.6. INSPECTIONS WILL BE CONDUCTED AT LEAST TWICE EVERY CALENDAR WEEK AND AT LEAST 72 HOURS APART (5.5.3.11.a). A CALENDAR WEEK IS DEFINED AS SUNDAY THROUGH SATURDAY. QUALITY ASSURANCE INSPECTIONS OF TDOT EPSC, NPDES AND WATER QUALITY PERMIT REQUIREMENTS SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE.

8.1.7. THE FREQUENCY OF EPSC INSPECTIONS MAY BE REDUCED TO ONCE A MONTH WHERE SITES OR PORTIONS OF SITES HAVE BEEN TEMPORARILY STABILIZED UNTIL CONSTRUCTION ACTIVITIES RESUME WITH WRITTEN NOTIFICATION BY THE TDOT REGIONAL ENGINEER TO TDEC NASHVILLE CENTRAL OFFICE AND SUBSEQUENT TDEC APPROVAL. WRITTEN NOTIFICATION MUST INCLUDE THE INTENT TO CHANGE FREQUENCY AND JUSTIFICATION (5.5.3.11.a).

8.1.8. ALL DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED, AREAS USED FOR MATERIAL STORAGE THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND EACH OUTFALL WILL BE INSPECTED (5.5.3.11.b).

8.1.9. THE INSPECTOR WILL OVERSEE THE REQUIREMENTS OF OTHER CONSTRUCTION-RELATED WATER QUALITY PERMITS (I.E. TDEC ARAP, USACE SECTION 404, AND TVA SECTION 26a PERMITS) FOR CONSTRUCTION ACTIVITIES AROUND WATERS OF THE STATE (10 “INSPECTOR”).

8.1.10. THE SWPPP WILL BE REVISED AS NECESSARY BASED ON THE RESULTS OF THE INSPECTION. REVISION(S) WILL BE RECORDED WITHIN 1 WEEK OF THE INSPECTION. REVISION(S) WILL BE IMPLEMENTED WITHIN 2 WEEKS OF THE INSPECTION (5.5.3.11.e AND 5.5.3.11.f).

8.1.11. DOCUMENTATION OF INSPECTIONS WILL BE MAINTAINED ON SITE IN THE “DOCUMENTATION AND PERMITS” BINDER. REPORTS WILL BE SUBMITTED TO THE TDOT PROJECT ENGINEER PER THE CONTRACT.

8.1.12. THESE INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE AREAS OF THE SITE THAT HAVE MET PERMANENT STABILIZATION REQUIREMENTS AND HAVE BEEN NOTED IN THE SWPPP.

8.1.13. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION TO THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF THIS PERMIT AND ANY OTHER APPLICABLE ACTS OR RULES (5.5.3.11.h).

8.2. DULY AUTHORIZED REPRESENTATIVE (8.7.3.)

THE PROJECT ENGINEER MAY DELEGATE AN INDIVIDUAL AND/OR CONSULTANT TO SIGN EPSC INSPECTIONS REPORTS. FOR SATISFYING SIGNATORY REQUIREMENTS FOR EPSC INSPECTION REPORTS, THE PROJECT ENGINEER AND NEWLY AUTHORIZED INDIVIDUAL ACCEPTING RESPONSIBILITY MUST COMPLETE AND SIGN THE TDOT CONSTRUCTION DIVISION EPSC DELEGATION OF AUTHORITY.

8.3. MAINTENANCE PRACTICES (5.1 AND 8.13.)

8.3.1. ALL CONTROLS WILL BE MAINTAINED IN GOOD AND EFFECTIVE OPERATING ORDER AND IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES. (5.1. AND 5.5.3.1.b)

8.3.2. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.

8.3.3. UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT, IF POSSIBLE, BUT IN NO CASE, MORE THAN 24 HOURS AFTER THE INSPECTION OR WHEN THE CONDITION IS IDENTIFIED. IF THE REPAIR, REPLACEMENT OR MODIFICATION IS NOT PRACTICAL WITHIN THE 24-HOUR TIMEFRAME, WRITTEN DOCUMENTATION PROVIDED BY THE CONTRACTOR SHALL BE PLACED IN THE FIELD DIARY AND EPSC INSPECTION REPORT. AN ESTIMATED REPAIR, REPLACEMENT OR MODIFICATION SCHEDULE SHALL BE DOCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION. (5.5.3.11.e).

8.3.4. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES (SEDIMENT TRAPS, SILT FENCE, SEDIMENT BASINS, OTHER CONTROLS, ETC.) WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%). (5.5.3.1.d).

8.3.5. DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT STRUCTURAL COMPONENTS OF EPSC MEASURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE EPSC MEASURES AT THE CONTRACTOR'S OWN EXPENSE.

8.3.6. CHECK DAMS WILL BE INSPECTED FOR STABILITY. SEDIMENT WILL BE REMOVED WHEN DEPTH REACHES ONE-HALF (½) THE HEIGHT OF THE DAM.

8.3.7. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES SHALL BE PLACED AND TREATED IN A MANNER SO THAT THE SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS, DOES NOT MIGRATE INTO FEATURES REMOVED FROM, AND DOES NOT MIGRATE ONTO ADJACENT PROPERTIES AND/OR INTO WATERS OF THE STATE/U.S.

8.3.8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFF THE SITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EROSION CONTROL WILL BE REMOVED (5.5.3.7.a).

8.3.9. ALL SEEDED AREAS WILL BE CHECKED FOR BARE SPOTS, EROSION WASHOUTS, AND VIGOROUS GROWTH FREE OF SIGNIFICANT WEED INFESTATIONS.

9. SITE ASSESSMENTS (5.5.3.8.)

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

10. STORMWATER MANAGEMENT (5.5.3.11.h)

10.1. STORMWATER MANAGEMENT WILL BE HANDLED BY TEMPORARY CONTROLS OUTLINED IN THIS SWPPP AND ANY PERMANENT CONTROLS NEEDED TO MEET PERMANENT STORMWATER MANAGEMENT NEEDS IN THE POST CONSTRUCTION PERIOD. PERMANENT CONTROLS WILL BE DEPICTED ON THE PLANS AND NOTED AS PERMANENT.

10.2. DESCRIBE ANY SPECIFIC POST-CONSTRUCTION MEASURES THAT WILL CONTROL VELOCITY, POLLUTANTS, AND/OR EROSION (5.5.3.6.c): RIP-RAP

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10.3. OTHER ITEMS NEEDING CONTROL (5.5.3.7.)

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

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

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

10.4. WASTE MATERIALS (5.5.3.7.c)

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

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

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

10.6. SANITARY WASTE (5.5.3.7.b)

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

10.7. OTHER MATERIALS

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

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

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

11. NON-STORMWATER DISCHARGES (5.5.3.12.)

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

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

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

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

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

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

☐ YES ☒ NO

IF YES, SPECIFY THE LOCATION OF THE ACTIVITY AND ITS PERMIT NUMBER: N/A

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

12.1. SPILL PREVENTION (5.5.3.7.c)

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

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

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

12.2. MATERIAL MANAGEMENT

12.2.1. HOUSEKEEPING

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

12.2.2. HAZARDOUS MATERIALS

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

12.3. PRODUCT SPECIFIC PRACTICES

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

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

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

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

12.4. SPILL MANAGEMENT

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

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

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

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

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

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

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

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

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

12.5. SPILL NOTIFICATION (6.1)

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

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

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

12.5.3. IN ADDITION TO ANY FOLLOW UP NOTIFICATIONS REQUIRED BY FEDERAL LAW, A WRITTEN DESCRIPTION OF THE RELEASE, DATE OF RELEASE AND CIRCUMSTANCES LEADING TO THE RELEASE, WHAT ACTIONS WERE TAKEN TO MITIGATE EFFECTS OF THE RELEASE, AND STEPS TAKEN TO MINIMIZE THE CHANCE OF FUTURE OCCURRENCES WILL BE SUBMITTED TO THE APPROPRIATE TDEC ENVIRONMENTAL FIELD OFFICE WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE.

12.5.4. THE SWPPP MUST BE MODIFIED WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE PROVIDING A DESCRIPTION OF THE RELEASE, CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF RELEASE. THE SWPPP WILL BE REVIEWED AND MODIFIED AS NECESSARY TO IDENTIFY MEASURES TO PREVENT THE REOCCURRENCE OF SUCH RELEASES AND TO RESPOND TO SUCH RELEASES.

13. RECORD-KEEPING

13.1. REQUIRED RECORDS

TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MAINTAIN AT THE SITE THE FOLLOWING RECORDS OF CONSTRUCTION ACTIVITIES (7.2.1.) (7.2.1.):

13.1.1. THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.

13.1.2. THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE.

13.1.3. THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.

13.1.4. RECORDS EPSC INSPECTION REPORTS AND CORRECTIVE MEASURES.

13.1.5. RECORDS OF QUALITY ASSURANCE SITE ASSESSMENTS.

13.1.6. COPY OF SITE EPSC INSPECTOR'S CERTIFICATION AND/OR LICENSING

13.1.7. A COPY OF ANY REGULATORY CORRESPONDENCE REGARDING THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS.

13.2. RAINFALL MONITORING PLAN (7.2.1.):

13.2.1. EQUIPMENT

AT A MINIMUM, THE CONTRACTOR WILL INSTALL A FENCE POST TYPE RAIN GAUGE TO MEASURE RAINFALL. THE STANDARD FENCE POST RAIN GAUGE WILL BE A WEDGE-SHAPED GAUGE THAT MEASURES UP TO 6 INCHES OF RAINFALL. AN ENGLISH SCALE WILL BE PROVIDED ON ONE FACE, WITH A METRIC SCALE ON THE OTHER FACE. GRADUATION WILL BE PERMANENTLY MOLDED IN DURABLE WEATHER-RESISTANT PLASTIC. THE MINIMUM GRADUATION WILL BE 0.01 INCH (OR 0.1MM). AN ALUMINUM BRACKET WITH SCREWS MAY BE USED TO MOUNT THE GAUGE ON A WOODEN SUPPORT.

13.2.2. LOCATION

THE RAIN GAUGE WILL BE LOCATED AT OR ALONG THE PROJECT SITE, AS DEFINED IN THE NOI OF THE NPDES PERMIT, IN AN OPEN AREA SUCH THAT THE MEASUREMENT WILL NOT BE INFLUENCED BY OUTSIDE FACTORS (I.E. OVERHANGS, GUTTER, TREES, ETC.). AT LEAST ONE RAIN GAUGE PER LINEAR MILE IS REQUIRED ALONG (AS MEASURED ALONG THE CENTERLINE OF THE PRIMARY ALIGNMENT) THE PROJECT WHERE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING IS ACTIVELY PERFORMED, OR EXPOSED SOIL HAS NOT YET BEEN PERMANENTLY STABILIZED.

13.2.3. METHODS

RAINFALL MONITORING WILL BE INITIATED PRIOR TO CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING, OR FILLING, EXCEPT AS SUCH MINIMAL CLEARING MAY BE NECESSARY TO INSTALL A RAIN GAUGE IN AN OPEN AREA. THE RAIN GAUGE WILL BE CHECKED FOR OPERATIONAL SOUNDNESS DAILY (DURING NORMAL BUSINESS HOURS) IN WET TIMES AND WEEKLY IN DRY TIMES. GAUGES WILL BE REPAIRED OR REPLACED ON THE SAME DAY IF FOUND TO BE NON-OPERATIONAL OR MISSING.

13.2.4. EACH RAIN GAUGE WILL BE READ (FOR DETAILED RECORDS OF RAINFALL) AND EMPTIED AFTER EVERY RAINFALL EVENT OCCURRING ON THE PROJECT SITE AT APPROXIMATELY THE SAME TIME OF THE DAY (DURING NORMAL BUSINESS HOURS). DURING PERIODS OF DRY CONDITIONS, IT WILL NOT BE NECESSARY TO READ THE RAIN GAUGE EVERY DAY. IN LIEU OF THIS REQUIREMENT ON WEEKENDS AND ON STATE HOLIDAYS, THE RAIN GAUGES CAN BE EMPTIED THE NEXT BUSINESS DAY AND A REFERENCE SITE USED FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION FOR THOSE DAYS. A REFERENCE SITE IS THE DOCUMENTATION FROM THE CLOSEST GAUGE WITHIN PROXIMITY OF THE PROJECT FROM A RECOGNIZED SOURCE SUCH AS THE NOAA NATIONAL WEATHER SERVICE.

13.2.5. DETAILED RECORDS WILL BE RECORDED OF RAINFALL EVENTS INCLUDE DATES, AMOUNTS OF RAINFALL, AND THE APPROXIMATE DURATION (OR THE STARTING AND ENDING TIMES). THE RAINFALL RECORDS SHALL BE RECORDED ON THE TDOT RAINFALL RECORD SHEET AND SHALL BE MAINTAINED IN THE "DOCUMENTATION AND PERMITS" BINDER.

13.2.6. IF THE RAINFALL EVENT IS STILL IN PROGRESS AT THE DAILY RECORDING TIME, THE GAUGE WILL BE EMPTIED AND THE RECORD WILL INDICATE THAT THE STORM EVENT WAS STILL IN PROGRESS.

13.2.7. RAIN GAUGE INFORMATION (DETAILED RECORDS), INCLUDING THE LOCATION OF THE NEAREST OUTFALL, WILL BE RECORDED ON THE EPSC INSPECTION REPORT FORMS AT THE TIME OF MEASUREMENT.

13.3. KEEPING PLANS CURRENT (5.4.)

13.3.1. THE EPSC PLAN IS TO SERVE AS AN INITIAL GUIDE FOR SITE PERSONNEL AS THE CONSTRUCTION PROCESS DEVELOPS. IT MUST BE AMENDED, MODIFIED, AND UPDATED WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL REGULATORY OFFICIALS DETERMINE EPSC MEASURES ARE PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.

13.3.2. THE STAGES DEPICTED WITHIN THE EPSC PLANS MAY NOT COINCIDE WITH THE ACTUAL STAGES OF CONSTRUCTION ESTABLISHED BY THE CONTRACTOR DURING CONSTRUCTION, THUS MODIFICATIONS WILL BE REQUIRED TO ENSURE THE EPSC PLAN IS MAINTAINED TO DEPICT CURRENT SITE CONDITIONS. IT SHOULD BE MAINTAINED SUCH THAT IT WILL ALWAYS REFLECT THE MEASURES THAT ARE INSTALLED DURING THE VARIOUS STAGES OF CONSTRUCTION. IT IS IMPRACTICAL TO DETERMINE ALL THE INTERMEDIATE STAGES OF CONSTRUCTION THAT WILL OCCUR, THUS THESE DOCUMENTS MUST BE UPDATED THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT.

13.3.3. THE TDOT EPSC INSPECTOR OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MODIFY AND UPDATE THE SWPPP WHEN ANY OF THE FOLLOWING CONDITIONS APPLY:

13.3.3.1. WHENEVER THERE IS A CHANGE IN THE SCOPE OF THE PROJECT THAT WOULD BE EXPECTED TO HAVE A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE SWPPP;

13.3.3.2. WHENEVER INSPECTIONS OR INVESTIGATIONS BY SITE OPERATORS, LOCAL, STATE, OR FEDERAL OFFICIALS INDICATE THE SWPPP IS PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM CONSTRUCTION ACTIVITY SOURCES, OR IS OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY; WHERE LOCAL, STATE, OR FEDERAL OFFICIALS DETERMINE THAT THE SWPPP IS INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES, A COPY OF ANY CORRESPONDENCE TO THAT EFFECT MUST BE RETAINED IN THE SWPPP;

13.3.3.3. WHEN ANY NEW OPERATOR AND/OR SUB-OPERATOR IS ASSIGNED OR RELIEVED OF THEIR RESPONSIBILITY TO IMPLEMENT A PORTION OF THE SWPPP;

13.3.3.4. TO PREVENT A NEGATIVE IMPACT TO LEGALLY PROTECTED STATE OR FEDERALLY LISTED OR PROPOSED THREATENED OR ENDANGERED AQUATIC FAUNA;

13.3.3.5. WHEN THERE IS A CHANGE IN CHEMICAL TREATMENT METHODS INCLUDING: USE OF DIFFERENT TREATMENT CHEMICALS, DIFFERENT DOSAGE OR APPLICATION RATES OR A DIFFERENT AREA OF APPLICATION NOT SPECIFIED ON THE EPSC PLANS.

13.3.3.6. ALL SWPPP REVISION(S) SHALL BE RECORDED WITHIN 1 WEEK BY THE PROJECT EPSC INSPECTOR.

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

13.4. MAKING PLANS ACCESSIBLE

13.4.1. TDOT WILL RETAIN A COPY OF THIS SWPPP (INCLUDING A COPY OF THE "DOCUMENTATION AND PERMITS" BINDER AT THE CONSTRUCTION SITE (OR OTHER LOCATION ACCESSIBLE TO TDEC AND THE PUBLIC) FROM THE DATE CONSTRUCTION COMMENCES TO THE DATE OF PERMANENT STABILIZATION. TDOT WILL HAVE A COPY OF THE SWPPP AVAILABLE AT THE LOCATION WHERE WORK IS OCCURRING ON-SITE FOR THE USE OF OPERATORS AND THOSE IDENTIFIED AS HAVING RESPONSIBILITIES UNDER THE SWPPP WHENEVER THEY ARE ON THE CONSTRUCTION SITE (7.2.).

13.4.2. PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND UNTIL THE SITE HAS MET THE PERMANENT STABILIZATION CRITERIA, TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL POST A NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE WITH THE FOLLOWING INFORMATION (5.3.4.) (7.2.1.):

13.4.2.1. A COPY OF THE NOTICE OF COVERAGE (NOC) WITH THE NPDES PERMIT NUMBER FOR THE PROJECT;

13.4.2.2. THE INDIVIDUAL NAME, COMPANY NAME, E-MAIL ADDRESS (IF APPLICABLE) AND TELEPHONE NUMBER OF THE LOCAL PROJECT SITE OWNER AND OPERATOR CONTACT;

13.4.2.3. A BRIEF DESCRIPTION OF THE PROJECT; AND

13.4.2.4. THE LOCATION OF THE SWPPP.

13.4.3. ALL INFORMATION DESCRIBED IN SECTION 13.4.2 MUST BE MAINTAINED IN LEGIBLE CONDITION. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE DUE TO SAFETY CONCERNS, THE NOTICE SHALL BE POSTED IN A LOCAL BUILDING. THE NOTICE MUST BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION WHERE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY.

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13.5. NOTICE OF TERMINATION (9.0.)

13.5.1. WHEN ALL STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED BY PERMANENT STABILIZATION, THE TDOT REGIONAL ENGINEER WILL SUBMIT A NOTICE OF TERMINATION (NOT) THAT IS SIGNED IN ACCORDANCE WITH THE PERMIT TO THE TDEC CENTRAL OFFICE IN NASHVILLE, TN.

13.5.2. FOR THE PURPOSES OF THE CERTIFICATION REQUIRED BY THE NOT, THE ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY MEANS THE

13.5.2.1. ALL EARTH-DISTURBING ACTIVITIES ON THE SITE ARE COMPLETED AND ALL DISTURBED SOILS AT THE PORTION OF THE CONSTRUCTION SITE WHERE THE OPERATOR HAD CONTROL HAVE BEEN PERMANENTLY STABILIZED; AND

13.5.2.2. ALL CONSTRUCTION MATERIALS, WASTE AND WASTE HANDLING DEVICES, AND ALL EQUIPMENT, AND VEHICLES THAT WERE USED DURING CONSTRUCTION HAVE BEEN REMOVED AND PROPERLY DISPOSED; AND

13.5.2.3. ALL STORMWATER CONTROLS THAT WERE INSTALLED AND MAINTAINED DURING CONSTRUCTION, EXCEPT THOSE THAT ARE INTENDED FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE, HAVE BEEN REMOVED; AND

13.5.2.4. ALL POTENTIAL POLLUTANTS AND POLLUTANT GENERATING ACTIVITIES ASSOCIATED WITH CONSTRUCTION HAVE BEEN REMOVED; AND

13.5.2.5. THE PERMITTEE HAS IDENTIFIED WHO IS RESPONSIBLE FOR ONGOING MAINTENANCE OF ANY STORMWATER CONTROLS LEFT ON THE SITE FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE; AND

13.5.2.6. TEMPORARY EPSC MEASURES HAVE BEEN OR WILL BE REMOVED AT AN APPROPRIATE TIME TO ENSURE PERMANENT STABILIZATION IS MAINTAINED; AND

13.5.2.7. ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM THE IDENTIFIED SITE THAT ARE AUTHORIZED BY A NPDES GENERAL PERMIT HAVE OTHERWISE BEEN ELIMINATED FROM THE PORTION OF THE CONSTRUCTION SITE WHERE THE OPERATOR HAD CONTROL.

13.6. RETENTION OF RECORDS (7.1.)

TDOT WILL RETAIN COPIES OF THE SWPPP, ALL REPORTS REQUIRED BY THE PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT FOR THE PROJECT FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THE NOT WAS FILED.

14. SITE WIDE/PRIMARY PERMITTEE CERTIFICATION (8.7.5.)

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED BY ME, OR UNDER MY DIRECTION OR SUPERVISION. THE SUBMITTED INFORMATION IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. AS SPECIFIED IN TENNESSEE CODE ANNOTATED SECTION 39-16-702(a)(4), THIS DECLARATION IS MADE UNDER PENALTY OF PERJURY.

Ashlie Farmer

AUTHORIZED TDOT PERSONNEL SIGNATURE (5.3.3.)

Ashlie Farmer

PRINTED NAME

TDOT Team Lead

TITLE

2/4/26

DATE

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

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

AUTHORIZED CONTRACTOR PERSONNEL SIGNATURE (5.3.3.)

PRINTED NAME

TITLE

DATE

16. ENVIRONMENTAL PERMITS (1.5.2.)

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

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

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

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17. OUTFALL TABLE (5.5.1.c, 6.4.1.e, 6.4.1.f)

OUTFALL LABEL	SUB OUT-FALL	STATION CL, LT OR RT	SLOPE WITHIN ROW (%)	STAGE 1 DRAINAGE AREA (AC)	STAGE 2 DRAINAGE AREA (AC)	STAGE 3 DRAINAGE AREA (AC)	SEDIMENT BASIN OR EQUIVALENT MEASURE(S) (YES, NO OR N/A)	SEDIMENT TRAP OR EQUIVALENT MEASURE(S) (YES, NO OR N/A)	RECEIVING RESOURCE (TDOT EBR LABEL) OR OTHER	COMMENTS
OUT-1		389+88.58, 57.67' LT	3.000		STAGE 2A: 0.564 STAGE 2B: N/A		N/A	N/A	STR-1 (WEST FORK STATION CAMP CREEK)	
OUT-2		389+91.02, 71.09' RT	9.000		STAGE 2A: N/A STAGE 2B: 0.050		N/A	N/A	STR-1 (WEST FORK STATION CAMP CREEK)	

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

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BUREAU OF ENGINEERING

SUMNER COUNTY

SR-6
NASHVILLE PIKE BRIDGE OVER WEST FORK STATION
CAMP CREEK, LM 9.84 IN GALLATIN (IA)

STATE HIGHWAY NO. 6 F.A.H.S. NO. 31E

TENN.	YEAR	SHEET NO.
	2026	U1-1
STATE PROJ. NO.	83077-3219-94	
FED. PROJ. NO.	BR-NH-6(127)	

REFER TO THE INDEX OF SHEETS FOR THE MOVE IN STATE UTILITIES FOR CUMBERLAND ELECTRIC & FIBER, AT&T, GALLATIN ELECTRIC & FIBER, WHITE HOUSE WATER & SEWER, AND GALLATIN PUBLIC UTILITY GAS. COMCAST AND VERIZON ARE MOVE AT NO COST WITH PLANS.

STANDARD LEGEND

EXISTING UTILITES

- POWER — P
- TELEPHONE — T
- WATER — W
- CABLE TV — C
- SANITARY SEWER — SA
- UNDERGROUND TELEPHONE — T (UG)
- GAS — G
- FORCE MAIN SEWER — FMS
- UNDERGROUND POWER — P (UG)
- FIBER OPTIC — F
- PROPOSED UTILITIES & MODIFICATIONS

- POWER POLE
- TELEPHONE POLE
- POWER/TELEPHONE POLE
- MANHOLE
- WATER METER — W.M.
- WATER VALVE — W.V.
- LIGHT POLE

- POWER — P
- UNDERGROUND POWER — P (UG)
- TELEPHONE — T
- WATER — W
- CABLE TV — C
- SANITARY SEWER — SA
- UNDERGROUND TELEPHONE — T (UG)
- GAS — GAS
- FORCE MAIN SEWER — FMS
- FIBER OPTIC — F
- UNDERGROUND FIBER OPTIC — F (UG)

- POWER POLE — P
- TELEPHONE POLE — T
- WATER METER — W.M.
- R — REMOVE
- RIP — RETIRE IN PLACE

- EX. WATER LINE (RETIRED IN PLACE) — W
- EX. GAS LINE (RETIRED IN PLACE) — G
- EX. SEWER LINE (RETIRED IN PLACE) — SA
- EX. TELEPHONE LINE (RETIRED IN PLACE) — T
- EX. POWER LINE (RETIRED IN PLACE) — P
- EX. FIBER (RETIRED IN PLACE) — F
- EX. UNDERGROUND FIBER (RETIRED IN PLACE) — F (UG)

SPECIAL NOTES

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

UTILITY OWNERS AND CONTACTS:

GAS:	CITY OF GALLATIN PUBLIC UTILITIES 239 HANCOCK ST, GALLATIN, TN 37066 DAVID KELLOGG DKELLOGG@GALLATINUTILITIES.COM O: 615-451-5922	WATER SEWER:	WHITE HOUSE UTILITY DISTRICT 3303 HWY 31 W WHITE HOUSE, TN 37188 PAT HARRELL PHARRELL@WHUD.ORG O: 615-672-4110 x261	FIBER:	GALLATIN DEPARTMENT OF FIBER 135 JONES ST, GALLATIN, TN 37066 MIKE TAYLOR MTAYLOR@GALLATINELECTRIC.COM O: 615-452-5152
PHONE:	AT&T 116 SOUTH CANNON AVENUE MURFREESBORO, TN 37129 KENNETH LEE KORNEGAY KK4096@ATT.COM O: 615-848-2082	FIBER:	CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION 1940 MADISON EXTENSION, CLARKSVILLE, TN 37043 JONATHAN FIELDER JFIELDER@CEMC.ORG O: 931-645-2481 x1117	ELECTRIC:	GALLATIN DEPARTMENT OF ELECTRICITY 135 JONES ST, GALLATIN, TN 37066 MIKE TAYLOR MTAYLOR@GALLATINELECTRIC.COM O: 615-452-5152
ELECTRIC:	CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION 1940 MADISON ST, CLARKSVILLE, TN 37043 JONATHAN FIELDER JFIELDER@CEMC.ORG O: 931-645-2481 x1117	FIBER:	XO COMMUNICATIONS (VERIZON) 575 HICKORY HILLS BLVD, WHITES CREEK, TN 37189 MICHAEL WEAVER MICHAEL.WEAVER@VERIZON.COM O: 615-218-0656	CABLE:	COMCAST 660 MAINSTREAM DRIVE, NASHVILLE, TN 37228 KEVIN NIPPER NAS-NASHVILLECONSTRUCTION BETTERMENTS@COMCAST.COM O: 615-626-3325

NOTE TO CONTRACTORS	UNDERGROUND UTILITIES NOTE	NOTE TO CONTRACTORS
CONTRACTOR TO FOLLOW ALL ADA RULES PERTAINING TO SIDEWALKS	ALL UNDERGROUND UTILITIES MUST BE DIRECTIONAL BORED UNDER ALL STREAMS IDENTIFIED IN THE PLANS	DIRECTIONAL BORING MUST BE PLACED A MINIMUM OF 50' AWAY FROM STREAM BANKS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U1-02

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

UTILITY LAYOUT

STA. 382+81.47 TO STA.396+90.45

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U2-01

SUMNER COUNTY
PIN#: 124722.00

INDEX OF DRAWINGS

U2-01 ESTIMATED QUANTITIES AND DRAWINGS INDEX
U2-02 VICINITY MAP AND LEGEND
U2-03 GENERAL NOTES
U2-04 ELECTRIC UTILITY RELOCATION STA. 382+81.47 TO STA. 396+90.45
U2-05 POLE LOCATIONS AND CONDUCTOR INSTALLATION
U2-06 CONSTRUCTION DETAILS
U2-07 CONSTRUCTION DETAILS

ESTIMATED QUANTITIES

	ITEM NO.	TDOT DESCRIPTION	CEMC UNIT DESCRIPTION	UNIT	QUANTITY	PERCENT UTILITY	PERCENT PROJECT
1	790-06.06	POLE 55 FT CLASS 2 METAL	55-2 SP	EACH	3	0%	100%
1	790-08.32	POLE 65FT CLASS 1 METAL	65-1 SP	EACH	2	0%	100%
2	790-26.22	3PH VERTICAL DDE ANGLE LRG COND 25KV	VC4-1LP	EACH	4	0%	100%
2	790-26.32	3PH CROSSARM 10FT FBRGLS X-ARM DDE 25KV	VC8-FG10P	EACH	4	0%	100%
2	790-26.36	3PH CROSSARM SGL 10FT 25KV	VC1-H-FG	EACH	4	0%	100%
	790-30.01	SECONDARY ASSEMBLIES SMALL ANGLE	J10	EACH	2	0%	100%
	790-30.03	SECONDARY ASSEMBLIES DEADEND	J6SNP	EACH	2	0%	100%
			J6SP	EACH	6	0%	100%
	790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	VE3-5H	EACH	31	0%	100%
	790-32.23	GUY GUARD	E3-10	EACH	31	0%	100%
	790-33.18	ROCK ANCHOR GUY BOLT TYPE	F5-3	EACH	4	0%	100%
	790-33.31	SCREW TYPE ANCHOR 23,000LB (F1-5D-P)	F1-5D-P	EACH	14	0%	100%
	790-36.14	TRANSFER CONDUCTOR	TRANSFER CONDUCTOR	EACH	28	0%	100%
3	790-40.05	OH COND 3/0 6/1 ACSR PIGEON	3/0 ACSR	LF	828	0%	100%
3	790-40.09	OH COND 336.4 18/1 ACSR MERLIN	336 ACSR	LF	2484	0%	100%
3	790-40.91	OH COND 2 6/1 SPARROW	#2 ACSR	LF	2484	0%	100%
	790-68.01	POLE GROUND ROD TYPE	M2-5(GROUND)	EACH	5	0%	100%
	790-69.32	ARM PIN	VM5-5	EACH	28	0%	100%
	790-69.41	EXTENSION LINK - EPOXY -8FT	EX-LINK96	EACH	4	0%	100%
4	790-98.01	REMOVE WIRE	REMOVE WIRE	LF	5768	0%	100%
5	790-98.02	REMOVE POLES	REMOVE POLES	EACH	5	0%	100%
6	790-98.03	REMOVE FRAMING/ASSOCIATED APPRATUS	REMOVE FRAMING	EACH	59	0%	100%

FOOTNOTES:

1. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO SETUP, TRAFFIC CONTROL, DIGGING HOLE, FILLING HOLE, BLASTING, BUTT WRAP OR SINGLE GROUND ROD, MGNV, NUMBERING POLE.
2. ASSEMBLIES OF SIMILAR CONSTRUCTION BUT DIFFERING ONLY IN USE OF EPOXY VS. PORCELAIN INSULATORS OR FIBERGLASS VS. WOOD CROSSARMS OR LACK OF NEUTRAL ASSEMBLY SHOULD BE GROUPED WITHIN THE SAME ITEM.
3. INCLUDES STRINGING, SAGGING, RESAGGING, TYING IN, AND CONNECTIONS AS REQUIRED.
4. INCLUDES SECONDARY WIRE, OH GUYS MAIN LINE WIRE.
5. INCLUDES MAIN LINE POLES, SERVICE POLES AND STUB POLES.
6. INCLUDES CROSSARMS, TRANSFORMERS, SWITCHES, ETC.

UTILITY INFORMATION

CUMBERLAND ELECTRIC MEMBERSHIP CORP.
1940 MADISON STREET
CLARKSVILLE, TENNESSEE 37043
CONTACT: JONATHAN FIELDER
PHONE: (931) 645-2481
EMAIL: JFIELDER@CEMC.ORG

J. TYLER BOMAR
REGISTERED ENGINEER
No. 128310
STATE OF TENNESSEE

02/12/2026

CEMC CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.29
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE	NONE
DATE	12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

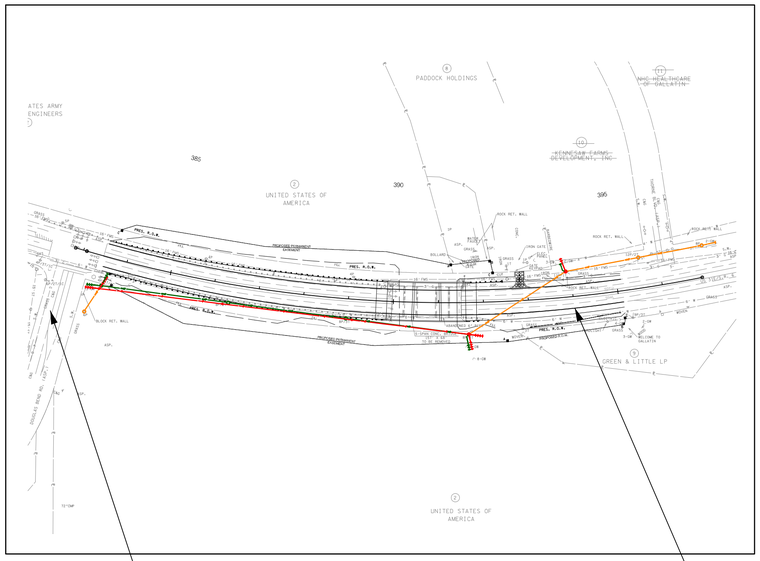
ELECTRIC UTILITY RELOCATION
ESTIMATED QUANTITIES AND DRAWINGS INDEX

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U2-02

SUMNER COUNTY
PIN#: 124722.00

SUMNER COUNTY

SR-6 (NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK



LEGEND

---P---	PROPOSED 3PH POWER
+++P	EXISTING 3PH POWER
+++P	REMOVAL 3PH POWER
	PROPOSED ANCHOR
	REMOVAL ANCHOR
	PROPOSED POLE
	REPLACE IN PLACE POLE
	EXISTING POLE TO REMAIN
	REMOVE POLE

J. TYLER BOMAR
REGISTERED ENGINEER
No. 123310
STATE OF TENNESSEE
02/12/2026

CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

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NONE	12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

ELECTRIC UTILITY RELOCATION
VICINITY MAP AND LEGEND

GENERAL CONSTRUCTION NOTES

1. THE FOLLOWING INFORMATION APPLIES TO THE UTILITY CONTRACTOR RESPONSIBLE FOR THE RELOCATION OF THE ELECTRICAL FACILITIES ALONG THIS PROJECT, AS WELL AS THE CONTRACTOR RESPONSIBLE FOR THE CLEARING/CUTTING OF REQUIRED AREAS OUTSIDE OF THE TDOT RIGHT-OF-WAY WHEN REQUIRED FOR THE INSTALLATION OF THE ELECTRICAL FACILITIES ALONG THIS PROJECT.

2. ANY DEVIATION OF THE CONDITIONS LISTED MUST BE APPROVED BY THE UTILITY PRIOR TO THE DEVIATION TAKING PLACE ON THE PROJECT. FAILURE BY THE UTILITY CONTRACTOR OR SUBCONTRACTORS TO FOLLOW THESE CONDITIONS AS LISTED WILL RESULT IN REFUSAL OF ACCEPTANCE BY THE UTILITY OWNER TO ACCEPT THE PROJECT AT IT'S COMPLETION UNTIL SUCH TIME AS ANY DEFICIENCIES ARE CORRECTED TO THE SATISFACTION OF THE UTILITY.

3. ALL WORK SHALL BE DONE IN A SAFE, THOROUGH AND WORKMAN-LIKE MANNER IN ACCORDANCE WITH THE PLAN SHEETS, CONSTRUCTION DETAILS AND TECHNICAL SPECIFICATIONS AS WELL AS ANY AND ALL APPLICABLE SAFETY CODES, INCLUDING, BUT NOT LIMITED TO, THE NATIONAL ELECTRICAL SAFETY CODE (NESC), AND ANY OTHER STATE AND LOCAL CODES THAT ARE REQUIRED FOR THE TYPE OF UTILITY RELOCATION THAT IS BEING PERFORMED AS PART OF THIS CONTRACT.

4. THE UTILITY CONTRACTOR SHALL EXERCISE ALL STANDARD SAFETY PRACTICES WHEN WORKING ON ENERGIZED ELECTRICAL LINES (e.g. RUBBER GOODS INSPECTIONS, GROUNDING OF LINES AND VEHICLES / EQUIPMENT, TOOL INSPECTIONS, ADEQUATE SUPERVISION, ETC.).

5. THE UTILITY CONTRACTOR SHALL BEAR THE RESPONSIBILITY FOR THE SAFETY OF ITS EMPLOYEES AND SHALL ENSURE THAT THEY ABIDE BY ALL STATE, FEDERAL AND LOCAL REGULATIONS REGARDING SAFE WORK PRACTICES. IF SUCH REGULATIONS ARE VIOLATED, THE UTILITY OWNER SHALL MAINTAIN THE RIGHT TO STOP WORK ON THEIR FACILITIES UNTIL SUCH CONDITIONS ARE CORRECTED.

6. IN GENERAL, THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, METHODS, AND/OR INTEGRAL MATERIALS OUTLINED IN THE UTILITY CONSTRUCTION DRAWINGS AND THE TECHNICAL SPECIFICATIONS THAT ARE NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONAL INSTALLATION OF THE UTILITY FACILITIES BEING RELOCATED.

7. THE ELECTRICAL FACILITIES ALONG THIS PROJECT OPERATE AT A NOMINAL PHASE-TO-GROUND VOLTAGE RATING OF 14.9kV. MOST, IF NOT ALL, WORK DONE BY THE UTILITY CONTRACTOR IS TO BE PERFORMED WHILE THE EXISTING FACILITIES ARE ENERGIZED, REQUIRING THE UTILITY CONTRACTOR TO USE PROPER HOT LINE WORKING TECHNIQUES. THE UTILITY OPERATES A 24-HOUR/365-DAY CONTROL CENTER THROUGH WHICH THE UTILITY CONTRACTOR SHALL COORDINATE ALL REQUESTS FOR CAUTION ORDERS. IT MAY BE POSSIBLE TO DO SOME WORK DE-ENERGIZED, HOWEVER, THIS MUST BE COORDINATED WITH THE UTILITY OWNER.

8. THE UTILITY OWNER IS SUBJECT TO THE REQUIREMENTS OF THE RURAL UTILITIES SERVICE (RUS) BRANCH OF THE USDA. UTILITY CONSTRUCTION DRAWINGS ARE INCLUDED AS PART OF THE DRAWING PACKET AND MUST BE ADHERED TO DURING ALL PHASES OF CONSTRUCTION.

9. ALL MATERIALS TO BE USED BY THE UTILITY CONTRACTOR ON THE PROJECT MUST BE NEW MATERIALS AND MUST BE APPROVED BY THE UTILITY OWNER PRIOR TO PURCHASE OR USE. A PROPOSED LIST OF MATERIALS SHALL BE SUBMITTED TO THE UTILITY OWNER AS NOTED IN THE TECHNICAL SPECIFICATIONS FOR THE PROJECT. NO MATERIAL SUBSTITUTIONS ARE ALLOWED WITHOUT THE PRIOR CONSENT OF THE UTILITY OWNER. STORAGE LOCATION OF MATERIALS ON THE PROJECT SITE MUST BE A SECURE ENVIRONMENT. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR ANY LOST, STOLEN OR DAMAGED MATERIALS ON THE PROJECT.

10. THE UTILITY CONTRACTOR IS REQUIRED TO MAINTAIN COMMUNICATION WITH THE UTILITY OWNER'S CONTROL CENTER USING TWO-WAY RADIO AND TELEPHONE COMMUNICATIONS. THE UTILITY CONTRACTOR SHALL PURCHASE, LEASE, OR BORROW FROM THE UTILITY OWNER THE REQUIRED TWO-WAY RADIOS NECESSARY TO COMMUNICATE WITH THE CONTROL CENTER. THE UTILITY CONTRACTOR MUST CONTACT THE CONTROL CENTER DAILY BEFORE THEY BEGIN WORK ON THE PROJECT IN ORDER TO OBTAIN ANY CAUTION ORDERS AND TO INFORM THE UTILITY WHAT PORTION OF THE WORK IS GOING TO BE DONE. CAUTION ORDERS MUST BE RELEASED AT THE END OF EACH WORKDAY.

11. THE UTILITY CONTRACTOR IS TO PERFORM ALL REQUIRED WORK IN SUCH A MANNER AS TO NOT CAUSE UNINTENTIONAL OUTAGES TO THE CUSTOMERS ALONG THE PROJECT. ALL PLANNED OUTAGES MUST BE COORDINATED WITH THE UTILITY OWNER A MINIMUM OF 72 HOURS PRIOR TO THE PLANNED OUTAGE TO ALLOW TIME FOR THE CUSTOMER TO BE NOTIFIED BY THE UTILITY. LARGE SCALE OUTAGES ARE NOT ALLOWED.

12. IF FIELD CONDITIONS ARISE WHICH PREVENT THE CONSTRUCTION ON THE PROJECT FROM PROCEEDING AS DESIGNED, THE UTILITY CONTRACTOR WILL COORDINATE WITH THE UTILITY OWNER / ENGINEER TO RESOLVE THE ISSUES SO THAT CONSTRUCTION CAN CONTINUE.

13. TO DECREASE THE POTENTIAL FOR OUTAGES, THE UTILITY CONTRACTOR SHALL NOT HAVE MORE THAN ONE (1) MILE OF ELECTRICAL LINE LAID OUT UNDER CONSTRUCTION WITH TEMPORARY LAYOUT ARMS AT ANY ONE TIME.

14. THE UTILITY CONTRACTOR SHALL COMPLY WITH ALL TDOT REGULATIONS, PERMITS AND TRAFFIC CONTROL GUIDELINES AS REQUIRED.

15. THE LOCATIONS OF EXISTING UTILITIES SHOWN WITHIN THESE DRAWINGS ARE BASED ON INFORMATION PROVIDED BY TDOT, AND SHALL BE VERIFIED BY THE UTILITY CONTRACTOR PRIOR TO CONSTRUCTION. THE UTILITY CONTRACTOR SHALL NOTIFY EACH UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES AND REQUEST THAT THE UTILITY OWNERS PROPERLY LOCATE AND MARK THEIR PERSPECTIVE UTILITY ON THE GROUND.

16. THE UTILITY CONTRACTOR SHALL REQUEST UTILITY LOCATIONS A MINIMUM OF THREE (3) BUSINESS DAYS PRIOR TO BEGINNING ANY CONSTRUCTION IN THE AREA OF THE UTILITIES IN QUESTION.

17. THE TDOT PRIME CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE EXISTING UNDERGROUND UTILITIES. THE PRIME CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY EXISTING UTILITY OWNER PRIOR TO DIGGING. IN THE EVENT THAT THERE IS ANY DAMAGE TO OR INTERRUPTION OF EXISTING FACILITIES, THE PRIME CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED FROM THE EVENT.

18. SOME EXISTING UTILITIES CAN BE LOCATED BY CALLING TENNESSEE ONE-CALL SYSTEMS, INC. AT "811".

19 THE UTILITY CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING THE CONSTRUCTION OF THE PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND EXISTING UTILITIES, THE UTILITY CONTRACTOR SHALL BE REQUIRED TO FURNISH THE EQUIPMENT NECESSARY TO COMPLETE THE WORK.

20. THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY ITS EMPLOYEES IN AREAS OUTSIDE OF TDOT ROW ALONG THE LENGTH OF THE PROJECT. THE UTILITY CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR RESOLVING ALL COMPLAINTS THAT MAY ARISE FROM ITS ACTIVITIES, AND SHALL PROMPTLY REPORT SUCH COMPLAINTS TO THE UTILITY OWNER AS TO WHETHER OR NOT IT HAS BEEN RESOLVED.

21. GROUND AND AERIAL INSPECTION OF INSTALLED FACILITIES ONCE COMPLETED SHALL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. ANY CORRECTIONS THAT ARE REQUIRED SHALL BE DONE DURING THE CONSTRUCTION OF THE PROJECT AND VERIFIED BY THE UTILITY OWNER / ENGINEER.

22. WHILE SOME WORK MAY ONLY BE REQUIRED "AROUND" OTHER UTILITY FACILITIES, SOME WORK MAY NEED TO BE DONE CONCURRENTLY WITH THE OPERATIONS OF OTHER UTILITY CONTRACTORS. IT IS THE RESPONSIBILITY OF THE TDOT PRIME CONTRACTOR TO ENSURE THAT ALL UTILITY COORDINATION BE ADDRESSED DURING THE CONSTRUCTION OF THE PROJECT.

23. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL FACILITIES INDICATED WITHIN THESE DRAWINGS AT "FINAL GRADE" AS SHOWN. ANY TEMPORARY INSTALLATIONS THAT ARE NOT SPECIFICALLY NOTED WITHIN THESE DRAWINGS AND THAT ARE NOT ADDRESSED AND COORDINATED PRIOR TO CONSTRUCTION OF THE PROJECT WILL BE THE RESPONSIBILITY OF THE TDOT PRIME CONTRACTOR.

24. CONSTRUCTION OF RELOCATED FACILITIES IS NOT CONSIDERED TO BE COMPLETE UNTIL THE UTILITY CONTRACTOR HAS ENERGIZED THE LINES AT THE FINAL OPERATING VOLTAGE IN ACCORDANCE WITH REA/RUS SPECIFICATIONS.

25. PERSONNEL CHANGES ARE TO BE KEPT TO A MINIMUM DURING THE CONSTRUCTION OF THE PROJECT AS TO REDUCE UNFAMILIAR PERSONNEL TO BE WORKING ON THE FACILITIES OF THE UTILITY OWNER.

26. THE TDOT PRIME CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF ALL UTILITY FACILITIES THAT ARE TO BE RELOCATED WITHIN THE PROJECT.

27. WHERE EROSION CONTROL MEASURES ARE NEEDED FOR THE UTILITY WORK OCCURRING OUTSIDE THE STATE RIGHT-OF-WAY, THE UTILITY CONTRACTOR SHALL SUBMIT A PROPOSED EROSION AND SEDIMENT CONTROL PLAN TO THE TDOT PROJECT SUPERVISOR FOR APPROVAL PRIOR TO BEGINNING WORK.

28. THE DISTANCES THAT ARE SHOWN ON THE DRAWINGS ARE HORIZONTAL DISTANCES ONLY, AND DO NOT ALLOW FOR ANY CHANGES IN ELEVATION THAT EXIST ALONG THE PROJECT.

29. ALL OIL-FILLED EQUIPMENT, INCLUDING RECLOSERS AND TRANSFORMERS, SHALL BE PROVIDED BY THE UTILITY OWNER. THE LABOR COST, AND MINOR MATERIALS REQUIRED TO INSTALL THESE UNITS SHALL BE INCLUDED IN THE BID FROM THE UTILITY CONTRACTOR.

30. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL TANGENT STRUCTURES ARE PROPERLY ALIGNED AFTER SETTING ANGLE POLES OR STRUCTURES. AT JUNCTION POLES AND OTHER CONTROL LOCATIONS, THE PROPOSED POLE LOCATION SHALL NOT BE FARTHER THAN TWENTY-FOUR (24) INCHES FROM THE EXISTING POLE WITHOUT APPROVAL FROM THE UTILITY OWNER. THE UTILITY CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE BACK AND/OR FORWARD SPAN TANGENT POLE ALIGNMENT.

31. POLE DRILLING IS TO BE INCLUDED IN THE LABOR AND MATERIAL COST FOR THE POLE.

32. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR CHECKING AND ENSURING THE PROPER PHASE ROTATION OF ALL THREE-PHASE MOTORS, ALONG WITH VOLTAGE AND PHASING TO OTHER LOADS, BEFORE AND AFTER CONSTRUCTION OF NEW FACILITIES. THE UTILITY CONTRACTOR SHALL MAINTAIN EXISTING PHASE CONNECTIONS FOR ALL CONDUCTORS, TRANSFORMERS, ETC. UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR WITH THE CONSENT OF THE UTILITY OWNER / ENGINEER.

33. LOCKNUTS SHALL BACK UP ALL NUTS ON THREADED BOLTS SUCH AS MACHINE BOLTS, DOUBLE ARMING BOLTS, UPSET BOLTS, INSULATOR PINS, ETC. EXISTENCE OF LOCKNUTS WILL BE CLOSELY EXAMINED BY THE UTILITY OWNER DURING CONSTRUCTION. BOLTS SHALL NOT EXTEND MORE THAN TWO (2) INCHES FROM NUTS.

34. BULLDOG TYPE GRIPS SHALL NOT BE USED FOR PULLING DOWNGUYS.

35. THE UTILITY CONTRACTOR SHALL INSTALL ALL DOWNGUYS AT LENGTHS AS INDICATED ON THE DRAWINGS UNLESS OTHERWISE DISCUSSED WITH AND APPROVED BY THE UTILITY OWNER / ENGINEER.

36. WHEN WOOD POLES ARE BEING UTILIZED, THE UTILITY CONTRACTOR MUST INSPECT AND TEST ALL POLES BEFORE CLIMBING.

37. ANCHORS THAT ARE TO BE RETIRED SHALL HAVE THE ROD UNSCREWED AND REMOVED, OR BE CUT OFF AT LEAST EIGHTEEN (18) INCHES BELOW FINAL GRADE.

38. ALL GROUND RODS TO BE REMOVED SHALL BE PULLED, NOT CUT OFF.

39. ALL MOUNTING HARDWARE REQUIRED FOR INSTALLING NEW TRANSFORMERS SHALL BE INCLUDED IN THE UNIT FOR THE TRANSFORMER AS INDICATED BY THE TDOT STANDARD ITEM NUMBER FOR THOSE UNITS.

40. GUY MARKERS ARE TO BE INSTALLED ON ALL NEW AND EXISTING-TO-REMAIN DOWN GUYS REQUIRED FOR THE PROJECT.

41. CONDUCTOR SPLICING SHALL BE KEPT TO A MINIMUM. THERE SHALL BE NO MORE THAN ONE SPLICE PER SPAN PER CONDUCTOR, AND NO SPLICES ARE ALLOWED CLOSER THAN TEN (10) FEET FROM ANY SUPPORT.

42. THE UTILITY OWNER WILL PROVIDE ALL STAKING DATA AND DESIGN TENSION AS REQUIRED. AFTER NEW FACILITIES ARE INSTALLED, UTILITY OWNER WILL VERIFY SAG ON INSTALLED CONDUCTOR.

43. THE UTILITY CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNER FOR VERIFICATION OF ALL POLE STAKING LOCATIONS PRIOR TO ANY POLE INSTALLATION ON THE PROJECT.

44. THE UTILITY CONTRACTOR SHALL PROVIDE THE UTILITY OWNER WITH ONE (1) SET OF CLEAN, CLEARLY MARKED "AS-BUILT" DRAWINGS AT THE COMPLETION OF THE PROJECT. THESE DRAWINGS SHALL REFLECT ANY AND ALL CHANGES THAT WERE MADE TO THE FACILITIES DURING CONSTRUCTION.

45. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWINGS AND TECHNICAL SPECIFICATIONS FOR THE RELOCATION OF FACILITIES PRIOR TO BIDDING THE PROJECT. ANY QUESTIONS CONCERNING INFORMATION SHOWN IN THE CONTRACT DOCUMENTS SHALL BE ADDRESSED TO THE UTILITY OWNER / ENGINEER PRIOR TO BIDDING ON THE PROJECT.

46. ALL INSTALLED POLES SHALL HAVE A MAP REFERENCED POLE TAG SUPPLIED BY THE UTILITY OWNER AFFIXED TO THE POLE. IN ADDITION, ANY EXISTING POLES THAT ARE REMOVED FROM THE PROJECT SHALL HAVE THE EXITING POLE TAGS REMOVED.

47. ALL WOOD POLES SHALL HAVE "SOFT" CCA TREATMENT DENOTED AS CCA-ET OR CCA CLAW.

48. ALL PRIMARY AND SECONDARY CONDUCTORS, CONNECTORS, JUMPERS, ETC. SHALL BE THOROUGHLY WIRE BRUSH CLEANED OF FOREIGN MATTER. AN OXIDATION INHIBITOR, AS APPROVED BY THE UTILITY OWNER, SHALL BE APPLIED TO WIRE ENDS. CONDUCTOR SHALL BE LAID STRAIGHT BEFORE CONNECTING AND/OR INSTALLING ANY CONNECTOR OR CLAMP.

49. UTILITY CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTING EACH REEL OF CONDUCTOR FOR THE PROJECT. ANY DAMAGE TO THE CONDUCTOR SHALL BE REMOVED AND SPLICED AS REQUIRED. ALL CONDUCTOR SHALL BE PROTECTED FROM EQUIPMENT OR VEHICLE TRAFFIC WHILE BEING INSTALLED.

50. ROLLERS AND BLOCKS SHALL BE INSPECTED PRIOR TO INSTALLATION OF CONDUCTOR TO PREVENT BINDING OR ANY OTHER DAMAGE DURING STRINGING.

CLEARING AND TRIMMING

1. UTILITY CONTRACTOR SHALL PROVIDE ALL NECESSARY TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CUT, TRIM, AND/OR REMOVE REQUIRED TREES IN AREAS OUTSIDE OF TDOT RIGHT-OF-WAY AS INDICATED ON THE DRAWINGS. DEBRIS RESULTING FROM SUCH WORK SHALL BE DISPOSED OF DAILY FROM THE PROJECT SITE. DEBRIS SHALL INCLUDE BUT NOT BE LIMITED TO BRUSH, WOOD, LIMBS, LOGS AND LEAVES.

2. UTILITY CONTRACTOR SHALL PERFORM ALL WORK TO THE SATISFACTION OF THE UTILITY OWNER AND IN ACCORDANCE WITH ALL FEDERAL, STATE, COUNTY, MUNICIPAL AND OTHER LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THE WORK BEING PERFORMED, AS WELL AS WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE Z133.1 AND A300.

3. TREE TRIMMING AND CUTTING SHALL BE DONE IN ORDER TO OBTAIN TWENTY (20) FEET OF CLEARANCE ON BOTH SIDES OF THE PRIMARY LINE FROM THE GROUND TO THE SKY EXCEPT WHERE OTHERWISE SPECIFIED WITHIN THE CONTRACT DOCUMENTS.

4. ALL GROWTH SHALL BE CLEARED WITHIN FIVE (5) FEET OF ALL SERVICE CONDUCTORS WITH THE USE OF LATERAL PRUNING ONLY, UNLESS OTHERWISE INSTRUCTED BY THE UTILITY OWNER.

5. ALL STRUCTURES SHALL BE CLEARED WITHIN A TEN (10) FOOT RADIUS OF THE STRUCTURE. ALL DOWN GUYS, ANCHORS, SPAN GUYS, ETC. SHALL BE CLEARED WITHIN A FIVE (5) FOOT RADIUS OF THE STRUCTURE.

6. FOR ALL TREES THAT ARE CUT, THE UTILITY CONTRACTOR SHALL ENSURE THAT THE TREES ARE CUT FLUSH WITH THE GROUND.

7. UTILITY CONTRACTOR SHALL PERFORM ALL WORK IN A REASONABLE, SAFE AND SECURE FASHION TO COMPLY, AT A MINIMUM, WITH ALL SAFETY AND SECURITY REQUIREMENTS OF ALL GOVERNMENT AUTHORITIES AND TO PERFORM THE WORK IN SUCH A MATTER AS TO PREVENT ACCIDENTS TO THE PUBLIC OR ANY DAMAGE TO PROPERTY.

8. ALL WORK IS TO BE DONE WHILE THE FACILITIES ARE ENERGIZED, AND THEREFORE, THE UTILITY CONTRACTOR SHALL GUARD AGAINST INTERFERENCE WITH THE NORMAL OPERATION OF THE ELECTRICAL FACILITIES TO ENSURE THERE IS NO DAMAGE TO ENERGIZED CIRCUITS.

9. THE UTILITY OWNER, WHEN NECESSARY, WILL PROVIDE A SUPERVISOR TO OVERSEE ANY NECESSARY TREE TRIMMING, IN ORDER TO ENSURE THAT THE WORK IS BEING DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY OWNER AS WELL AS THE CUSTOMERS THAT ARE AFFECTED.

10. UTILITY CONTRACTOR SHALL BE REQUIRED TO MEET WITH THE SUPERVISOR ASSIGNED TO THE PROJECT BY THE UTILITY OWNER FOR THE FACILITIES THAT ARE BEING RELOCATED PRIOR TO ANY TREE TRIMMING OFF OF STATE RIGHT-OF-WAY ALONG THE PROJECT.

CAUTION ORDERS

1. ALL CAUTION ORDERS SHALL BE REQUESTED AND ISSUED THROUGH THE UTILITY OWNER'S CONTROL CENTER VIA TWO-WAY RADIO. IF RADIO TRANSMISSIONS ARE WEAK OR INAUDIBLE, CAUTION ORDERS CAN BE REQUESTED BY CALLING THE CONTROL CENTER. THE PHONE NUMBER WILL BE PROVIDED BY THE UTILITY OWNER.

2. UTILITY CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION WHEN REQUESTING A CAUTION ORDER:
   -NAME OF EMPLOYEE
   -VEHICLE NUMBER
   -POLE TOP BREAKER NUMBER
   -UTILITY OWNER EMPLOYEE GRANTING PERMISSION TO WORK ON CIRCUIT
   -WHETHER SCADA CONTROLLED OR "ONE SHOT POSITION AND TAGGED" IF NOT SCADA CONTROLLED
   -WORK LOCATION

3. ONCE THE CAUTION ORDER IS REQUESTED, THE UTILITY CONTRACTOR SHALL VERIFY TO THE CONTROL CENTER THAT THE INFORMATION PROVIDED IS CORRECT. ONCE THE INFORMATION IS VERIFIED, THE CONTROL CENTER WILL PROCESS THE CAUTION ORDER. THE UTILITY CONTRACTOR MUST CONFIRM RECEIPT OF THE CAUTION ORDER BEFORE THE PROCESS IS COMPLETE.

4. WHEN A CAUTION ORDER IS RELEASED, THE UTILITY CONTRACTOR SHALL CONTACT THE CONTROL CENTER VIA TWO-WAY RADIO AND USING THEIR VEHICLE NUMBER FOR CONFIRMATION. THE UTILITY CONTRACTOR MUST REQUEST RELEASE OF THE CAUTION ORDER BY VERIFYING TO THE CONTROL CENTER THAT THE POLE TOP IS BACK IN THE NORMAL POSITION WITH THE TAG REMOVED. ONCE THE CONTROL CENTER VERIFIES ALL OF THE INFORMATION, THEY WILL PROCESS THE RELEASE OF THE CAUTION ORDER. ONCE THE CAUTION ORDER IS RELEASED, THE UTILITY CONTRACTOR MUST ACKNOWLEDGE AND CONFIRM THE RELEASE.

5. CAUTION ORDERS MUST BE RELEASED WHEN CREWS LEAVE THE WORK LOCATION DURING LUNCH BREAK.

6. NO CAUTION ORDERS CAN BE EXTENDED BEYOND ONE WORKING DAY.

7. IN THE EVENT OF INCLEMENT WEATHER, THE CONTROL CENTER WILL CONTACT THE UTILITY CONTRACTOR AND REQUEST THE RELEASE OF ANY CAUTION ORDERS THAT ARE IN EFFECT. IF THREE (3) ATTEMPTS ARE MADE TO CONTACT THE UTILITY CONTRACTOR, AND THEY FAIL TO RESPOND, THE UTILITY'S OPERATIONS SUPERVISOR WILL BE NOTIFIED IMMEDIATELY.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U2-03

SUMNER COUNTY
PIN#: 124722.00

J. TYLER BOMAR
REGISTERED ENGINEER
AGRICULTURE & COMMERCE
No. 129310
STATE OF TENNESSEE

02/12/2026

CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

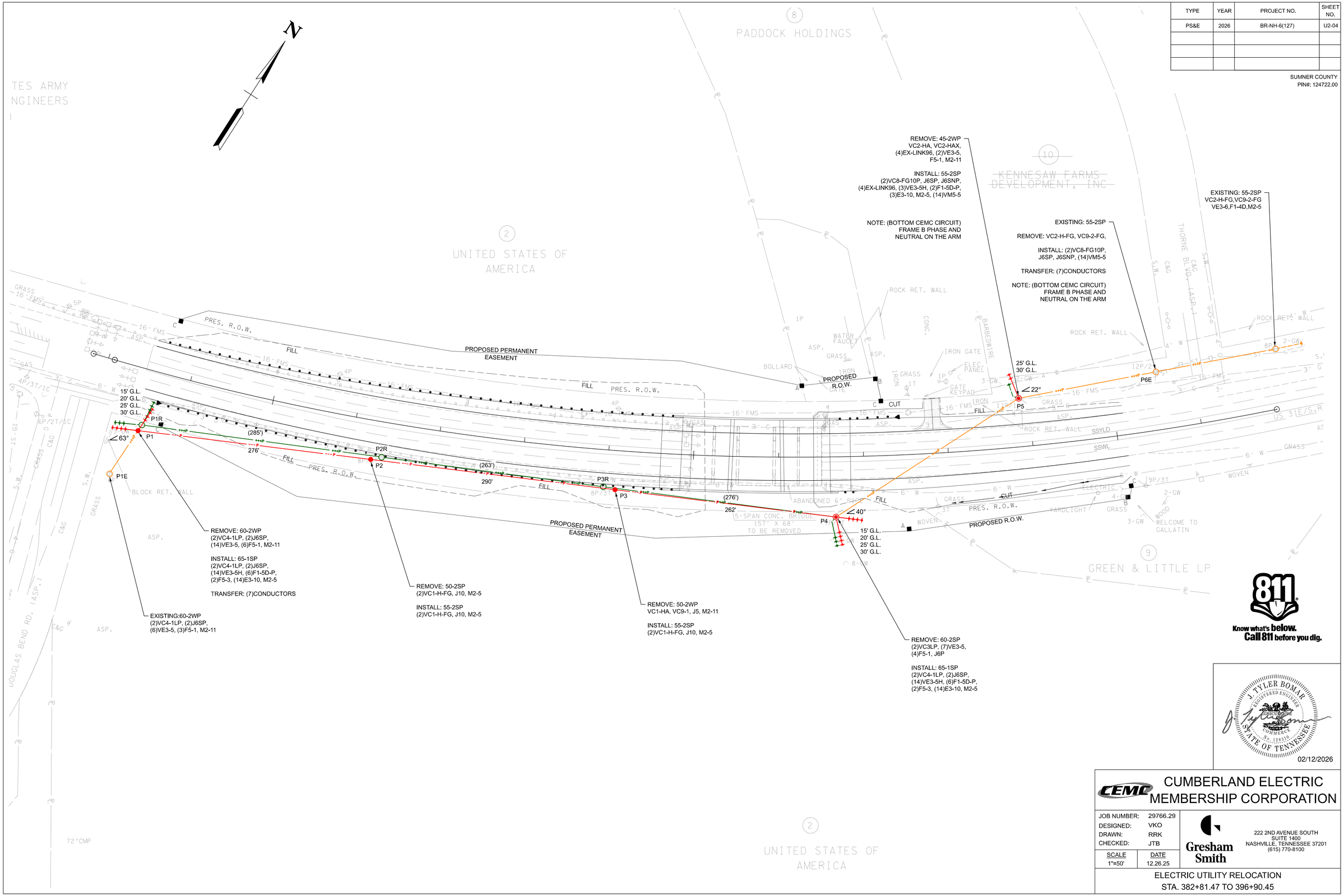
JOB NUMBER:	29766.29
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE: NONE	DATE: 12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

ELECTRIC UTILITY RELOCATION
GENERAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U2-04

SUMNER COUNTY
PIN#: 124722.00



811
Know what's below.
Call 811 before you dig.

J. TYLER BOMAR
REGISTERED ENGINEER
GRICULTURE
COMMERCE
No. 128310
STATE OF TENNESSEE
02/12/2026

CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.29
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE	1"=50'
DATE	12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

ELECTRIC UTILITY RELOCATION
STA. 382+81.47 TO 396+90.45

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U2-05

SUMNER COUNTY
PIN#: 124722.00

INSTALLATION POLE LOCATIONS

POLE NO.	POLE COORDINATES		INSIDE ANCHOR COORDINATES		OUTSIDE ANCHOR COORDINATES	
	NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
P1	734065.45	1817022.27	734058.95	1817008.75	734080.45	1817022.55
			734056.79	1817004.24	734085.44	1817022.64
			734054.62	1816999.73	734090.62	1817022.74
			734052.36	1816995.03	734095.67	1817022.84
P2	734185.00	1817271.04				
P3	734310.60	1817532.42				
P4	734424.16	1817768.74	734430.92	817782.69	734411.33	1817781.89
			734433.04	1817787.10	734407.84	1817785.47
			734435.21	1817791.60	734404.35	1817789.05
			734437.52	1817796.36	734400.86	1817792.63
P5	734658.12	1817874.09	734672.66	1817853.57	734675.46	1817849.61

CONDUCTOR INSTALLS

SHEET NUMBER(S)	FROM	TO	WIRE SIZE	CIRCUIT LENGTH (LF)	TOTAL LENGTH (LF)
U2-04	P1	P4	3 - 336 ACSR PRIMARY	828	2484
			3 - #2 ACSR PRIMARY	828	2484
			1 - 3/0 ACSR NEUTRAL		828

811 Know what's below. Call 811 before you dig.

J. TYLER BOMAR
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 128318
STATE OF TENNESSEE

02/12/2026

CEMC CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

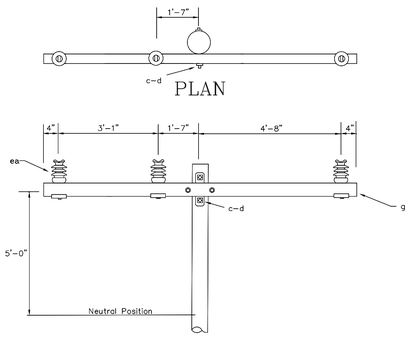
JOB NUMBER:	29766.29
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE	DATE
NONE	12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

ELECTRIC UTILITY RELOCATION
POLE LOCATIONS AND CONDUCTOR INSTALLS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U2-06

SUMNER COUNTY
PIN#: 124722.00



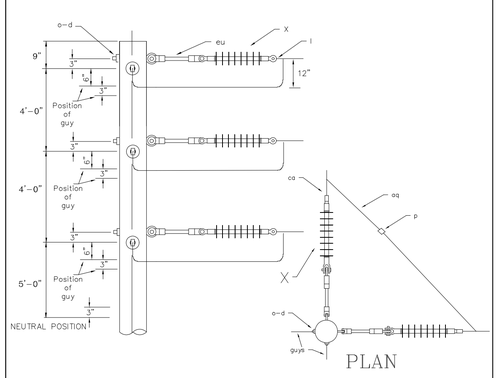
NEUTRAL ASSEMBLY: J10

ITEM	MATERIAL DESCRIPTION	CODE	VC1-H-FG
ea	INSULATOR, POST TYPE 25 KV	347000	3
d	WASHER, SQUARE 2 1/4"	N\A	2
dw	WASHER, SADDLE 3 3/4 X 4	411000	3
ea	STUD FOR INSULATOR, 7 INCH FOR CROSSARM	N\A	3
g	10' FG ARMS	259400	1
c	BOLT, MACHINE 3/4 INCH	271000	2

REV:

14.4/24.4 KV, 3-PHASE CROSSARM CONST-SINGLE PRIMARY SUPPORT
0 to 3° ANGLE (LARGE CONDUCTOR)

DATE 5/6/04
DRAWN BY: BMW
VC1-H -FG

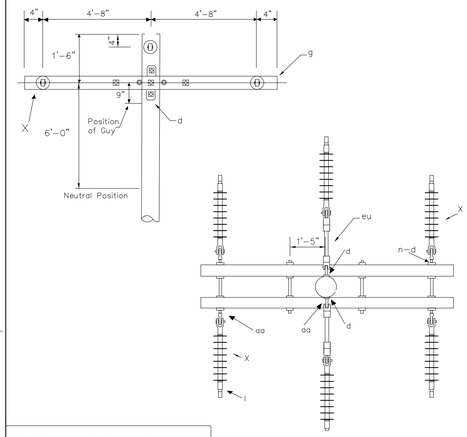


NEUTRAL ASSEMBLY: J6SP (2)

ITEM	MATERIAL DESCRIPTION	CODE	VC4-1LP
d	WASHER, SQUARE CURVED 3"	704400	6
X	INSULATOR, POLYMER	346500	6
o	BOLT, OVALEYE 5/8 INCH	267000	6
p	CONNECTORS	n/a	as reqd
aq	JUMPERS, specify	n/a	as reqd
l	CLAMP, DEADEND/STRAIN	287000	6
eu	INSULATOR, FIBERGLASS STRAIN 12 INCH	288000	6

14.4/24.9 KV PRIMARY
3-PHASE VERTICAL CONST
45 to 90 DEGREE ANGLE (LARGE COND)

DATE 4/9/03
DRAWN BY: BMW
VC4-1LP



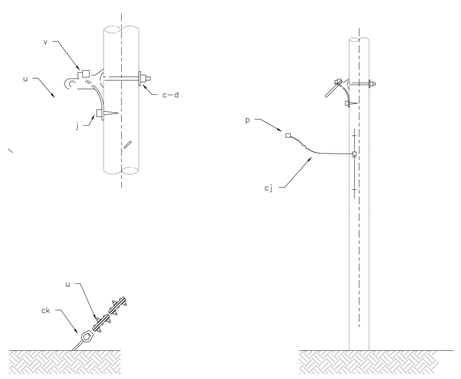
NEUTRAL ASSEMBLY:J6P & J6NP

ITEM	MATERIAL DESCRIPTION	CODE	VC8-FG10P
d	WASHER, SQUARE 2 1/4"	N/A	16
g	CROSSARM FG 10'	259400	2
k	INSULATOR, POLYMER 25 KV	346500	6
n	BOLT, DOUBLE ARMING 5/8"	265000	4
o	BOLT, OVALEYE 5/8"	267000	1
p	CONNECTORS	N/A	as req
ea	STUD FOR INSULATOR, 1 3/4 INCH POLE TOP	N/A	1
aa	NUT, EYE 5/8"	336000	5
aq	JUMPERS, specify	N/A	as req
l	CLAMP, DEADEND/STRAIN	287000	6
eu	INSULATOR, FIBERGLASS STRAIN 12 INCH	288000	2
d	BOLT, MACHINE 3/4	271000	2
d	WASHER, SQUARE CURVED 3"	704400	2

NOTE: SQUARE CURVED WASHER USED WITH OVALEYE BOLT
REV: Sept 09

14.4/24.9 KV PRIMARY
3-PHASE CROSSARM
CONST.-DEADEND (DOUBLE)

DATE 4/19/04
DRAWN BY:BMW
VC8-FG10P

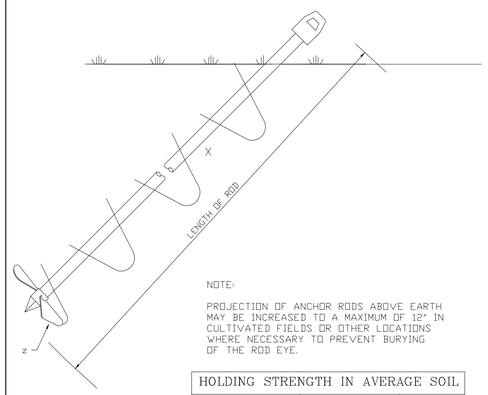


ITEM	MATERIAL DESCRIPTION	CODE	VE3-5H
c	BOLT, MACHINE 3/4"	271000	1
d	WASHER, SQUARE CURVED	704400	1
j	SCREW, LAG 4 INCH AND 2 INCH	N/A	1
p	CONNECTORS, AS REQUIRED	N/A	
u	CLAMP, 3 BOLT	340000	2
v	GUY ATTACHMENT	329000	1
y	WIRE 3/8 INCH GUY	434000	60'
cj	WIRE 6 BA CU S.D.	424000	3'

REV: Jan 04

SINGLE DOWN GUY THROUGH BOLT TYPE HEAVY CONSTRUCTION

DATE 9/29/03
DRAWN BY:JCM
VE3-5H



NOTE:

PROJECTION OF ANCHOR RODS ABOVE EARTH MAY BE INCREASED TO A MAXIMUM OF 12" IN CULTIVATED FIELDS OR OTHER LOCATIONS WHERE NECESSARY TO PREVENT BURYING OF THE ROD EYE.

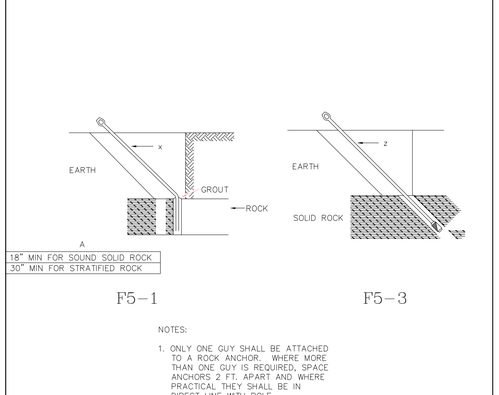
HOLDING STRENGTH IN AVERAGE SOIL		
F1-2D-P	16,000#	8"
F1-5D-P	23,000#	10"
F1-6T-P	36,000#	14"

ITEM	MATERIAL DESCRIPTION	CODE	F1-2D-P	F1-5D-P	F1-6T-P
x	ROD, ANCH TRUCK INSTALLED	250500	1		
	DOUBLE EYE 5/8" X 7'				
x	ROD, ANCH TRUCK INSTALLED	250502		1	
	DOUBLE EYE 3/4" X 7'				
x	ROD, ANCH TRUCK INSTALLED	250503			1
	TRIPLE EYE 1" X 7'				
z	ANCHOR, SCREW TRUCK INSTALLED	252500	1		
	135 SQ. INCH EQUIVALENT, 8"DIAMETER				
z	ANCHOR, SCREW TRUCK INSTALLED	252510		1	
	200 SQ. INCH EQUIVALENT, 10"DIAMETER				
z	ANCHOR, SCREW TRUCK INSTALLED	252514			1
	300 SQ. INCH EQUIVALENT, 14"DIAMETER				

REV: Sept 09

ANCHOR ASSEMBLIES SCREW TYPE

DATE 4-8-96
DRAWN BY:jg
F1-2D-P THRU F1-6T-P

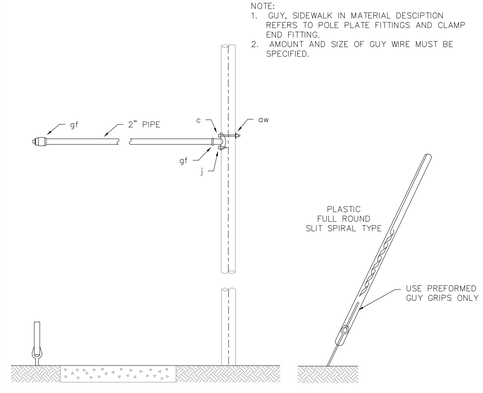


ITEM	MATERIAL DESCRIPTION	CODE	F5-1	F5-3
	ROD, ANCHOR GALV SINGLE EYE 7 FOOT	395001	1	1
	ANCHOR, ROCK	251000		

Sept 09

ROCK ANCHOR ASSEMBLIES

DATE 8-15-92
DRAWN BY: GKC
F5-1 & F5-3



NOTES:

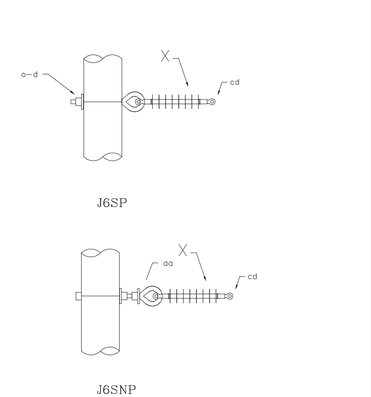
1. ONLY ONE GUY SHALL BE ATTACHED TO A ROCK ANCHOR. WHERE MORE THAN ONE GUY IS REQUIRED, SPACE ANCHORS 2 FT. APART AND WHERE PRACTICAL THEY SHALL BE IN DIRECT LINE WITH POLE.
2. DO NOT ANCHOR TO ANY BOULDER MEASURING LESS THAN 5 FT. IN ANY TWO DIRECTIONS AT RIGHT ANGLES TO EACH OTHER.

ITEM	MATERIAL DESCRIPTION	CODE	E3-10	E3-11
c	BOLT, MACHINE 3/4"	269000		1
d	WASHER, SQUARE 2 1/4"	N/A		as reqd
j	SCREW, LAG 4 INCH AND 2 INCH	N/A		as reqd
at	GUY GUARD	341000	1	
gf	GUY, SIDEWALK	413000		1
zz	CONDUIT, RIGID 2 INCH METAL	520000		5'

REV: Sept 09

GUY GUARD & SIDEWALK GUY

DATE 8-22-92
DRAWN BY:GKC
E3-10 & E3-11



ITEM	MATERIAL DESCRIPTION	CODE	J6SP	J6SNP
X	INSULATOR, POLYMER	346500	1	1
o	BOLT, OVALEYE 5/8"	267000	1	
aa	NUT EYE, 5/8 INCH	336000		1
cd	CLAMP, DEADEND/STRAIN	287000	1	1
d	WASHER, SQUARE CURVED 3"	704400	1	
	NOTE: SQUARE CURVED WASHERS USED WITH OVALEYE BOLT			

REV: Sept 09

NEUTRAL ASSEMBLIES

DATE 4/8/03
DRAWN BY:BMW
J6SP & J6SNP

J. TYLER BOMAR
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 128316
STATE OF TENNESSEE
02/12/2026

CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

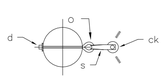
JOB NUMBER:	29766.29
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE	NONE
DATE	12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

ELECTRIC UTILITY RELOCATION
CONSTRUCTION DETAILS

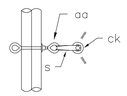
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U2-07

SUMNER COUNTY
PIN#: 124722.00

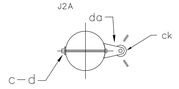


J7

30° to 60°

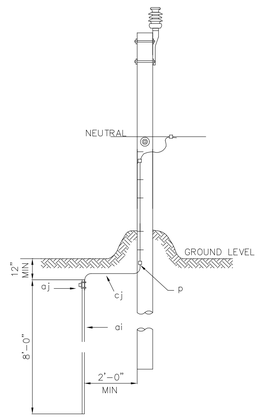


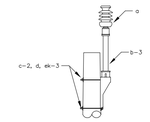
J7N



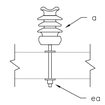
J10

30° to 60°

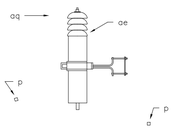




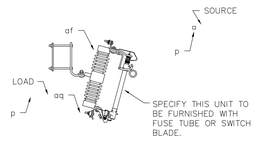
VM5–18F



VM5–5



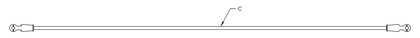
VM5–6



VM5–9

EX LINK 12

EX LINK 48



EX LINK 96

ITEM	MATERIAL DESCRIPTION	CODE	J7	J7N	J10
c	BOLT, MACHINE 5/8"	269000			1
d	WASHER, SQUARE 2 1/4"	N/A			1
o	BOLT, OVALEYE 5/8"	267000	1		
s	CLEVIS, SECONDARY	330000	1	1	
aa	NUT EYE, 5/8 INCH	336000		1	
ck	INSULATOR, SECONDARY SMALL	342000	1	1	1
ck	CLEVIS, BRACKET	331000			1
ck	WASHER, SQUARE CURVED 3"	704400	1		
	NOTE: SQUARE CURVED WASHERS USED WITH OVALEYE BOLT				

REV: Sept 09

SECONDARY AND NEUTRAL ASSEMBLIES	DATE 4/8/03
	DRAWN BY:BMW
J7 THRU J10	

ITEM	MATERIAL DESCRIPTION	CODE	M2-5
p	CONNECTORS	N/A	as reqd
ai	ROD, GROUND COPPERWELD 8'-0"	396000	1
aj	GROUND ROD CLAMP	N/A	1
al	STAPLES, GROUND WIRE	N/A	as reqd
al	GROUND WIRE CLIP	N/A	1
cj	GROUND WIRE, No 6 Ba Cu S.D.	424000	5'

REV: Sept 09

GROUNDING ASSEMBLY GROUND ROD TYPE	DATE 3-21-92
	DRAWN BY:GKC
M2-5	

ITEM	MATERIAL DESCRIPTION	CODE	VM5-18F	VM5-5	VM5-6	VM5-9
a	INSULATOR, POST TYPE		1	1		
c-2	BOLT, MACHINE 5/8"		2			
d	WASHER, SQUARE 2 1/4"		2			
p	CONNECTORS, AS REQD	N/A				
ea	STUD FOR INSULATOR, 7 INCH			1		
ae	ARRESTOER, 18KV	255018			1	
af	CUTOUT 1 PHASE	334000				1
aq	WIRE, 6 BA CU S.D.	424000			6	10
ek	LOCKNUT, 5/8"		2			
b-3	BRACKET, POLE TOP, FIBERGLASS		1			

REV: Sept 09

14.4/24.9 KV MISCELLANEOUS PRIMARY ASSEMBLIES	DATE 8-15-92
	DRAWN BY:GKC
VM5-5 THRU VM5-18F	

ITEM	MATERIAL DESCRIPTION	CODE	EX LINK 12	EX LINK 48	EX LINK 96
a	INSULATOR, 12" FIBERGLASS STRAIN	288000	1		
b	INSULATOR, 48" FIBERGLASS STRAIN	288048		1	
c	INSULATOR, 96" FIBERGLASS STRAIN	288001			1

REV: Sept 09

MISCELLANEOUS PRIMARY ASSEMBLIES	DATE
	DRAWN BY:
EX LINK	

J. TYLER BOMAR
REGISTERED ENGINEER
AGRICULTURE COMMERCE
No. 128318
STATE OF TENNESSEE

02/12/2026

CEMC CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.29
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE: NONE	DATE: 12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

ELECTRIC UTILITY RELOCATION
CONSTRUCTION DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U3-1
		83077-3219-94	

SUMNER CO.

INDEX OF DRAWINGS	
U3-1	SHEET INDEX & ESTIMATED QUANTITIES
U3-2	GENERAL NOTES & ASSEMBLY DETAILS
U3-3	FIBER UTILITY RELOCATION STA.382+81.47 TO STA.396+90.45

ESTIMATED QUANTITIES

FOOTNOTE	ITEM	TDOT DESCRIPTION	UTILITY DESCRIPTION	UNIT	TOTAL QUANTITIES	PERCENT UTILITY	PERCENT PROJECT
	790-74.33	FIBER DOUBLE DEADEND ASSM	FDDE	EA	5	0%	100%
	790-74.35	FIBER STORAGE DOUBLE LOOP	FSD	EA	1	0%	100%
1	790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	REMOVE FRAMING/ASSOCIATED APPARATUS	EA	5	0%	100%

FOOTNOTES

1 INCLUDES CROSSARMS, TRANSFORMERS, SWITCHES, ETC.

UTILITY CONTACT	
UTILITY:	Gallatin Department of Electricity
UTILITY ADDRESS:	135 Jones Street
UTILITY CITY / STATE	Gallatin, Tn 37066
CONTACT:	Jared Pedigo
PHONE:	(615)452-5152
EMAIL:	jpedigo@gdetn.com

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JAK

SCALE: N/A
DATE: 09/25/2025

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

FIBER UTILITY RELOCATION
SHEET INDEX & ESTIMATED QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U3-2
		83077-3219-94	

SUMNER CO.

GENERAL NOTES

1 THESE DRAWINGS ARE NOT CONSIDERED A COMPLETE SET OF CONTRACT DOCUMENTS WITHOUT THE ACCOMPANYING TECHNICAL SPECIFICATIONS.

2 SEE TECHNICAL SPECIFICATIONS FOR ANY UNITS NOT SPECIFICALLY DETAILED IN THESE DRAWINGS.

3 PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL POTENTIALLY 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 CONTRACTORS OPERATIONS.

4 CONTRACTOR SHALL PROVIDE OWNER AND PROJECT ENGINEER WITH (1) SET OF CLEAN, CLEARLY MARKED AS-BUILT DRAWINGS AT END OF PROJECT. THESE DRAWINGS SHALL REFLECT ANY AND ALL CHANGES TO ELECTRONIC PLANS DURING CONSTRUCTION.

5 THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY AFFECTED UTILITY OWNERS PRIOR TO DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE UTILITY OWNER.

6 POLE STRUCTURES SET WITHIN 3' OF DITCHES SHALL BE BACKFILLED AND TAMPED WITH CRUSHED LIMESTONE. PLACE RIPRAP A MINIMUM OF 2' RADIUS FROM EDGE OF POLE TO A MINIMUM HEIGHT OF 8" ABOVE GRADE LEVEL.

7 THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE DRAWINGS ARE APPROXIMATE ONLY. 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 REQUEST THE UTILITY OWNER TO PROPERLY LOCATE AND MARK THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS IN THE VICINITY OF THE UTILITY.

8 PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES AND THE GENERAL PUBLIC 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.

9 SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE CALL SYSTEM INC. AT 811.

10 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE N.E.S.C., N.E.C., AND ANY AND ALL OTHER APPLICABLE LOCAL SAFETY CODES.

11 ALL EXISTING POLES WITH REMOVED ELECTRIC FACILITIES ARE TO BE TOPPED 2' ABOVE HIGHEST COMMUNICATION ATTACHMENT IF COMMUNICATION CABLES ARE ATTACHED TO THE POLE.

12 TRANSFER CONDUCTORS THAT ARE NOT BEING SPECIFICALLY REPLACED FROM REMOVED POLE TO NEW POLES AND RESAG ALL CONDUCTORS TO PROPER TENSIONS. SPLICE ADDITIONAL CONDUCTOR AS REQUIRED TO ACHIEVE PROPER SAG. THIS WORK IS NOT AN ADDITIONAL ITEM AND IS INCLUDED IN THE PROJECT COST.

13 EXISTING CONDUCTOR DESIGN TENSIONS ARE ASSUMED. ADDITIONAL GUYING MAY BE REQUIRED AS ACTUAL FIELD CONDITIONS MAY BE DIFFERENT.

14 ANY CONTRACTOR OR SUBCONTRACTOR WHO WILL BE PERFORMING THE WORK OF THE ELECTRIC UTILITY CONSTRUCTION SHALL SUBMIT QUALIFICATION REQUIREMENTS DIRECTLY TO TDOT FOR APPROVAL BY 30 DAYS PRIOR TO THE LETTING OF THE CONTRACT.

15 THE WORK OF ELECTRIC RELOCATION AS INDICATED WITHIN THESE CONTRACT DRAWINGS SHALL BE COVERED UNDER "STANDARD SPECIFICATIONS FOR UTILITY CONSTRUCTION" AS PART OF THE TDOT PROPOSAL CONTRACT.

16 RAIN WATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A TEMPORARY DEWATERING STRUCTURE OR FILTER BAG.

17 SILT FENCE TO BE INSTALLED ON THE DOWNSTREAM SIDE OF STOCKPILED SOIL. TRENCHING ACROSS WET WEATHER CONVEYANCES TO BE DONE DURING NO FLOW CONDITIONS AND STABILIZED BY THE END OF THE WORK DAY.

18 UTILITY CROSSING FOR PERENNIAL STREAMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS, AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE UTILITIES IN THIS PROJECT IN REGARDS TO EROSION CONTROL. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLANS.

19 IT IS THE RESPONSIBILITY OF THE UTILITIES INSTALLER TO PROTECT FROM EROSION EXPOSED EARTH RESULTING FROM HIS OPERATIONS AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM HIS WORK. PRIOR TO BEGINNING WORK, ADEQUATE MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF HIS WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME SHALL EXPOSED EARTH RESULTING FROM HIS OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND BECOME WATERS OF THE STATE.

20 FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN 7 DAYS AFTER TRENCHING. ANY TEMPORARY SPOIL PILE OF EXCAVATED EARTH SHALL BE LOCATED WITHIN THE TDOT ROW EROSION CONTROL MEASURES OR RECEIVE SEPARATE EROSION CONTROL MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EROSION CONTROL MEASURES WILL BE INSTALLED UNTIL SUCH TIME THE TRENCH IS BACKFILLED.

21 TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE UTILITIES IN THIS PROJECT IN REGARDS TO EROSION CONTROL. THE STATE CONTRACTOR IS ONLY RESPONSIBLE FOR EROSION CONTROL MEASURES FOR UTILITY CONSTRUCTION THAT IS INCLUDED IN THE STATE CONTRACT WORK.

22 EXCEPT FOR EROSION SEDIMENT CONTROL ITEMS, NO ROADWAY OR BRIDGE ITEMS SHALL BE UTILIZED TO COMPENSATE FOR WORK METHODS OR MATERIALS ASSOCIATED WITH AND/OR SPECIFIED FOR THE UTILITY INSTALLATION, EVEN THOUGH THE SAME OR SIMILAR ROADWAY OR BRIDGE MATERIALS MAY HAVE BEEN CALLED FOR IN THE UTILITY SPECIFICATIONS OR DRAWINGS.

23 ALL MATERIALS, METHODS, AND/OR INTEGRAL MATERIAL OUTLINED IN THE UTILITY SPECIFICATIONS OR DRAWINGS NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONAL INSTALLATION MUST BE INCLUDED IN THE UNIT PRICE FOR THE ASSOCIATED UTILITY WORK ITEM.

24 IT SHALL BE RESPONSIBILITY OF THE PRIME CONTRACTOR'S SURVEYOR TO LAY OUT ALL THE FACILITIES BEING RELOCATED WITHIN THE CONTRACT.

25 WHERE EROSION CONTROL MEASURES ARE NEEDED FOR THE UTILITY RELOCATION WORK OCCURRING INSIDE OR OUTSIDE STATE RIGHT-OF-WAY, THE CONTRACTOR SHALL SUBMIT TO THE TDOT PROJECT SUPERVISOR FOR APPROVAL A PROPOSED EROSION AND SEDIMENT CONTROL PLAN PRIOR TO BEGINNING THE WORK. TDOT APPROVAL MUST BE RECEIVED BEFORE THE EROSION CONTROL PAY ITEMS FOR ROADWAY CONSTRUCTION CAN BE USED FOR ANY ADDITIONAL EROSION CONTROL MEASURES REQUIRED FOR THE UTILITY RELOCATION WORK.

26 DRIVEWAY, SIDEWALK AND ROADWAY TEMPORARY RESTORATION SHALL BE PART OF THE IN-PLACE COST OF PLACING THE ITEM WITHIN THE ROW.

27 ALL FIBER CONDUCTORS AND HARDWARE IS TO BE INSTALLED PER THE MANUFACTURES INSTRUCTIONS.

28 CONSULT MANUFACTURERS CABLE SPECIFICATION SHEET FOR MINIMUM BENDING RADIUS AND MAXIMUM PULLING TENSION FOR THE SPECIFIED CABLE.

29 DO NOT CRUSH OR KINK FIBEROPTIC CABLE.

30 USE A PULLING SWIVEL WHEN STRINGING FIBEROPTIC CABLE TO AVOID UNCONTROLLED TWISTING.

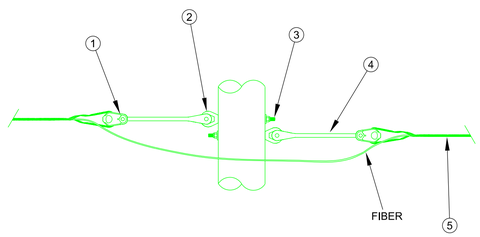
31 DO NOT USE ROLLERS OR STRINGING BLOCKS THAT WILL ALLOW THE FIBEROPTIC CABLE TO EXCEED IT'S MINIMUM BENDING RADIUS.

32 DO NOT TIGHTEN OR SECURE MOUNTING HARDWARE UNTIL THE PROPER STRINGING TENSION IS ACHIEVED.

LEGEND

F FIBER PROPOSED

F FIBER EXISTING/REMOVAL

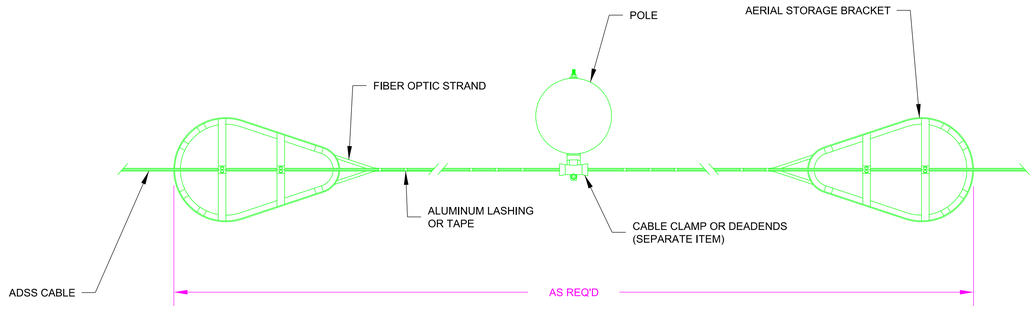


NOTE:

1. FOR USE ON ANGLES FROM 0° TO 90°.
2. FIBER CONDUCTORS ARE NOT INCLUDED IN THIS ITEM.

ID	QTY.	DESCRIPTION
1	2	THIMBLE CLEVIS, SIZE AS REQ'D
2	2	EYE NUT, 5/8"
3	2	DA BOLT, 5/8", LENGTH AS REQ'D
4	2	12" EXTENSION, STEEL
5	2	PREFORM GRIP, SIZE AS REQ'D

FIBER DOUBLE DEADEND	N.T.S.
	FDDE



NOTE;

1. BRACKET RADIUS SHALL BE LARGER THAN CABLE MANUFACTURER'S MINIMUM BEND RADIUS FOR LONG TERM STORAGE OF LARGEST CABLE DIAMETER.
2. BRACKETS SHALL NOT BE INSTALLED CLOSER THAN 10' TO NEAREST STRUCTURE.
3. ABRASION PROTECTORS MAY BE USED IN PLACE OF CABLE GUIDE AT POLE STRUCTURE AS APPROVED BY OWNER OR ENGINEER.
4. UNIT CONSISTS OF ALL MATERIALS SHOWN EXCLUDING CONDUCTOR AND CABLE CLAMP OR DEADENDS. CABLE CLAMP OR DEADENDS ARE A SEPARATE ITEM.
5. DO NOT USE PLASTIC TIE WRAPS OR TAPE TO FASTEN CONDUCTORS.

FSD SHOWN. FSD CONSISTS OF TWO BRACKETS AND ASSOCIATED MATERIAL. FSS CONSISTS OF A SINGLE BRACKET AND ASSOCIATED MATERIAL.

FIBER STORAGE	N.T.S.
	FSS /FSD

GDE

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JAK

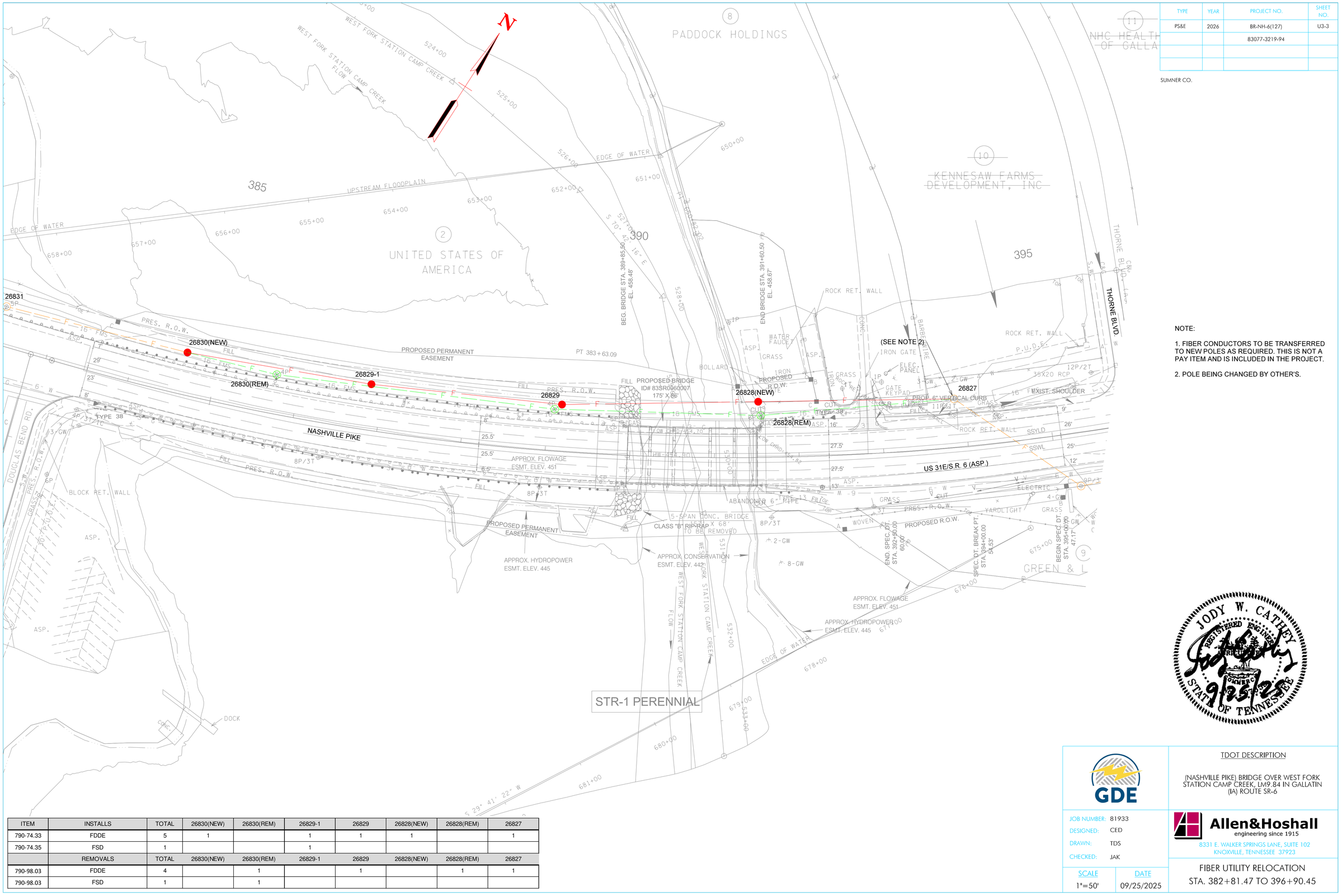
SCALE: N/A
DATE: 09/25/2025

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

FIBER UTILITY RELOCATION
GENERAL NOTES & ASSEMBLY DETAILS



ITEM	INSTALLS	TOTAL	26830(NEW)	26830(REM)	26829-1	26829	26828(NEW)	26828(REM)	26827
790-74.33	FDDE	5	1		1	1	1		1
790-74.35	FSD	1			1				
	REMOVALS	TOTAL	26830(NEW)	26830(REM)	26829-1	26829	26828(NEW)	26828(REM)	26827
790-98.03	FDDE	4		1		1		1	1
790-98.03	FSD	1		1					

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U3-3
		83077-3219-94	

SUMNER CO.

NOTE:

1. FIBER CONDUCTORS TO BE TRANSFERRED TO NEW POLES AS REQUIRED. THIS IS NOT A PAY ITEM AND IS INCLUDED IN THE PROJECT.

2. POLE BEING CHANGED BY OTHER'S.

JODY W. CATHEY
REGISTERED ENGINEER
AGRICULTURE
STATE OF TENNESSEE
9/25/25

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JAK

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE: 1"=50'
DATE: 09/25/2025

FIBER UTILITY RELOCATION
STA. 382+81.47 TO 396+90.45

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U4-1

Index Of Sheets

SHEET NO. DESCRIPTION

U4-1 ..... COVER SHEET
U4-2 - U4-3 .... SPECIFICATIONS
U4-4 - U4-4 .... PRESENT LAYOUT

Federal Project No.: BR-NH-6(127)
State Project No.: 83077-3219-94
Route : (Nashville Pike) Bridge over West Fork Station Camp Creek, LM 9.84 in Gallatin (IA) Route: SR-6
County: SUMNER
Submitted By: Kenneth Kornegay (AT&T)
Ted Archie (NEXTERA CONSULTANTS, LLC)
Utility Office Contact: KENNETH KORNEGAY

ESTIMATED UTILITY QUANTITIES					
TELEPHONE QUANTITIES		100% PROJ / 0% UTILITY			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOOTNOTE NUMBER	BUY AMERICA DESIGNATION
793-01.11	POLE 40FT CLASS 3 WOOD	EACH	1	1 ✓	N/A
793-01.41	ANCHOR 1IN	EACH	3	2 ✓	BA
793-98.04	REMOVE POLES ALL SIZES	EACH	1	22 ✓	N/A

FOOTNOTE 1:
INCLUDES ALL MATERIALS, LABOR, EQUIPMENT FOR COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO BUTT WRAP, MGNV, GROUND ROD, DIG HOLE, TAMP, BLASTING, AND NUMBER POLE.
FOOTNOTE 2:
INCLUDES ALL MATERIALS, LABOR, EQUIPMENT FOR COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO DIGGING HOLE, BLASTING OR MECHANICALLY INSERTING INTO GROUND, BONDING/GROUNDING.
FOOTNOTE 3:
INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT INCLUDING BUT NOT LIMITED TO BACKFILL PER SPECIFICATIONS, SURFACE RESTORATION OF ALL CROSSINGS TO TDOT STANDARDS, SET UP AND TRAFFIC CONTROL.
FOOTNOTE 4:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO TRAFFIC CONTROL, BONDING/GROUNDING, AND TENSIONING.
FOOTNOTE 5:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO HARDWARE, TENSIONING, FUSING, TERMINATION AT THE POLE AND CUSTOMER, NETWORK INTERFACE.
FOOTNOTE 6:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO SETUP, TRAFFIC CONTROL, MOUNTING HARDWARE, BONDING/GROUNDING AND SPLICING.
FOOTNOTE 7:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO CABLE GUARD, PIT, OTHER TERMINATION HARDWARE, TRAFFIC CONTROL AND SETUP.
FOOTNOTE 8:
INCLUDES ALL MATERIALS AND EQUIPMENT INCLUDING BUT NOT LIMITED TO MOUNTING HARDWARE, BONDING/GROUNDING, STRAND SIZE AS INDICATED IN SPECS., AND LOOPS.
FOOTNOTE 9:
INCLUDES ALL LABOR INCLUDING TRAFFIC CONTROL AND SETUP, REMOVAL OF LID AND COLLARS, BACKFILL WITH GRAVEL.
FOOTNOTE 10:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO LOOP UPS, DRIVEWAY/ROADWAY RESTORATION TO TDOT STANDARDS, TRAFFIC CONTROL AND SAFETY.
FOOTNOTE 11:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO PLACEMENT OVER CABLE, PEST CONTROL, GRAVEL, BONDING/GROUNDING, IDENTIFYING THE PED, TERMINAL , TRAFFIC CONTROL AND SETUP.
FOOTNOTE 12:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO HARDWARE, FUSING, TERMINATION AT THE POLE AND CUSTOMER, NETWORK INTERFACE, TRAFFIC CONTROL AND SETUP.
FOOTNOTE 13:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO DIGGING HOLE, PLACING HANDHOLE, TERMINATING CONDUIT, RESTORING SURFACE TO TDOT STANDARDS, TRAFFIC CONTROL AND SETUP.
FOOTNOTE 14:
PLACED OPEN TRENCH METHOD.
FOOTNOTE 15:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO SETUP, BENDS, AND TRAFFIC CONTROL.
FOOTNOTE 16:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO SPACERS, COUPLINGS, BENDS, OPENING TRENCH, BACKFILL PER SPECS, SURFACE RESTORATION OF ALL CROSSINGS TO TDOT STANDARDS, SETUP, TRAFFIC CONTROL.
FOOTNOTE 17:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO DIGGING HOLE, GRAVEL BASE, BACKFILL, AND SURFACE RESTORATION TO TDOT STANDARDS, FRAME AND COVER, SETUP AND TRAFFIC CONTROL.
FOOTNOTE 18:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO SETUP, TRAFFIC CONTROL, RODDING DUCT AND PULLING IN INNERDUCT.
FOOTNOTE 19:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO SETUP, TRAFFIC CONTROL, BORE PIT AND RECEIVING PIT AT ANY DEPTH.
FOOTNOTE 20:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO SETUP, TRAFFIC CONTROL, TO REMOVE AND RESTORE SURFACE TO TDOT STANDARDS.
FOOTNOTE 21:
INCLUDES BORE PIT, SET UP, TRAFFIC CONTROL, ANY DEPTH.
FOOTNOTE 22:
INCLUDES LABOR, EQUIPMENT AND TRAFFIC CONTROL.
FOOTNOTE 23:
INCLUDES INSERTS, HANGER RODS, BRACKETS, NUTS, WASHERS, BRACING, EXPANSION JOINTS, GALVANIZED PIPE.
FOOTNOTE 24:
INCLUDES PIPE, SETUP, CABLE LOCATION, AND BORING.

BUY AMERICA DESIGNATION LEGEND

N/A .... NOT APPLICABLE TO BUY AMERICA. LESS THAN 90% STEEL OR IRON CONTENT WHEN DELIVERED TO THE JOB SITE FOR INSTALLATION.
MISC ... MISCELLANEOUS COMPONENTS AND HARDWARE SUCH AS CABINETS, COVERS, SHELVES, CLAMPS, FITTINGS, SLEAVES, WASHERS, BOLTS, NUTS, SCREWS, TIE WIRE, SPACERS, CHAIRS, ETC.
BA ..... BUY AMERICA. CERTIFICATION IS REQUIRED FOR ALL STRUCTURAL STEEL OR IRON COMPONENTS FOR ITEM. MISCELLANEOUS COMPONENTS, SUBCOMPONENTS AND HARDWARE NECESSARY TO ENCASE, ASSEMBLE AND CONSTRUCT DO NOT REQUIRE CERTIFICATION.
BAR .... BUY AMERICA. CERTIFICATION REQUIRED FOR ALL STEEL OR IRON COMPONENTS OF PRECAST CONCRETE PRODUCTS CONTAINS REINFORCING STEEL, WIRE MESH, AND PRE-STRESSING OR POST-TENSIONING STRANDS AND CABLES.

AT&T
Construction Work Drawing

PROPRIETARY INFORMATION
Not for disclosure outside AT&T or any of its subsidiaries except under written agreement

State: TENNESSEE
District: TN/KY WEST (MTN)
Exchange: GALLTNMA (GALLATIN)

AT&T Designer: Kenneth Kornegay
Phone: (615) 848-2082
AT&T Consultant:
Nextera Consultants, LLC
Phone: (615) 708-7549
Ted Archie, Designer
Michael L. Cherry, P.E.

MICHAEL LEE CHERRY
REGISTERED ENGINEER
12/19/25
PROJECT NO. 00111535
STATE OF TENNESSEE

Job Description:

RELOCATE AT&T FACILITIES FOR TDOT ROAD PROJECT PIN NO. 124722.00, SR-6 BRIDGE OVER WEST FORK STATION CAMP CREEK IN GALLATIN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

AT&T COVER SHEET

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U4-2

GENERAL NOTES TO CONTRACTOR, ADDITIONAL DETAILS SHEET U4-3 AND ATTACHED AT&T SPECIFICATIONS

DAMAGES TO EXISTING UTILITIES

REPAIRS AND/OR REPLACEMENTS TO ANY UTILITIES DAMAGED BY CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL PAYMENT WILL BE ALLOWED.

AERIAL CABLE & GUY WIRES

THESE FACILITIES WILL BE PLACED BY AT&T. ROAD CONTRACTOR IS TO PROVIDE AND PLACE ALL PROPOSED AT&T POLES, ANCHORS AND BURIED CONDUIT. SEE THE POWER COMPANY DESIGN LAYOUT FOR PROPOSED POLE LOCATIONS AND POLE REMOVALS UNLESS SPECIFIED ON THESE DRAWINGS.

STAKING PROPOSED FACILITIES

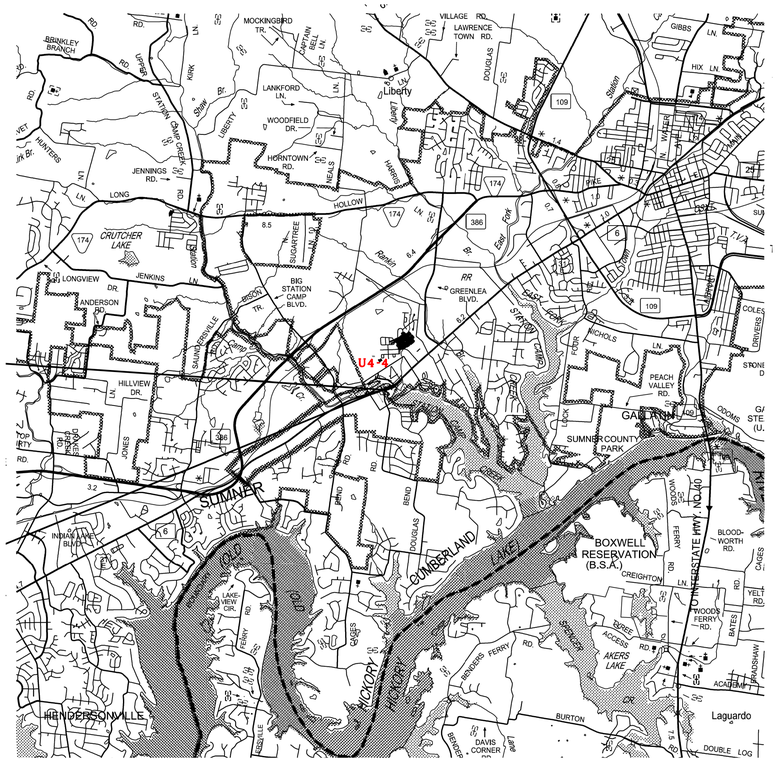
NOTIFY Kenneth Kornegay @ (615) 848-2082 TWO WEEKS IN ADVANCE FOR ARRANGEMENTS TO HAVE THE PROPOSED ANCHOR LOCATIONS STAKED. THE CONTRACTOR WILL NEED TO HAVE THE TDOT R.O.W. STAKED. ANY LINE-OF-SIGHT OBSTRUCTIONS MUST BE REMOVED FOR THE PROPOSED ANCHORS TO BE STAKED PROPERLY.

ANCHOR PLACEMENT GUIDELINES

SEE DETAILS SHEET U4-3 FOR PLACEMENT INSTRUCTIONS. ALSO, REFERENCE THE ATTACHED AT&T SPECIFICATIONS DOCUMENT.

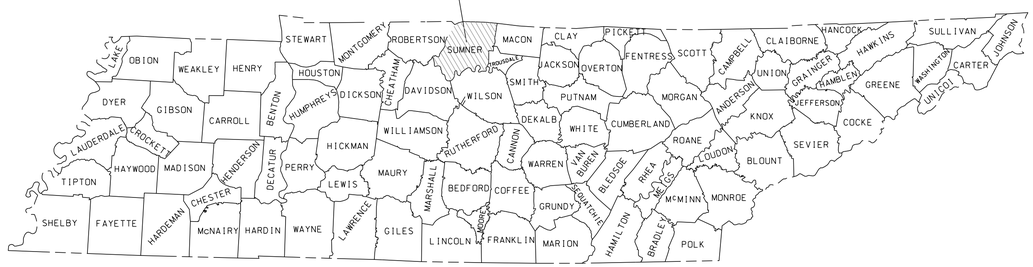
POLE PLACEMENT GUIDELINES

SEE DETAILS THIS SHEET FOR POLE SETTING DEPTHS. ALL POLES SHOULD BE SOUTHERN PINE WITH PRESERVATIVE TREATMENT OF PENTACHLOROPHENOL IN PRETROLEUM. ALSO, REFERENCE THE ATTACHED AT&T SPECIFICATIONS DOCUMENT.



NOTE: ALL DETAILS AND NOTES ON THIS SHEET PROVIDED BY AT&T FOR USE ON THIS PROJECT

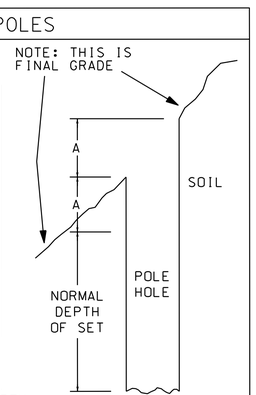
PROJECT LOCATION



DETAIL--PLACE POLES

DEPTH OF SETTING HOLES (FINAL GRADE)

LENGTH OF POLE (FT)	DEPTH OF SET (FT) (FINAL GRADE)	
	FIRM EARTH	SOLID ROCK
20	4	3
25	5	3
30	5-1/2	3-1/2
35-40	6	4
45	6-1/2	4-1/2
50	7	4-1/2
55	7-1/2	5
60	8	5
65	8-1/2	6
70	9	6
75	9-1/2	6
80	10	7
85	10-1/2	7
90-100	11	7
105-125	12	8



IN SLOPING GROUND, INCREASE THE DEPTH OF SET BY AMOUNT A AS SHOWN

CALL BEFORE YOU DIG

TENNESSEE DIAL 811 or 1-800-351-1111 www.call811.com

TWO FULL BUS. DAYS BEFORE YOU DIG

IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS THE LOCATION OF UTILITIES SHOWN ON THIS PLAT ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

AT&T

Construction Work Drawing

PROPRIETARY INFORMATION
Not for disclosure outside AT&T or any of its subsidiaries except under written agreement

State: TENNESSEE
District: TN/KY WEST (MTN)
Exchange: GALLTNMA (GALLATIN)

AT&T Designer: Kenneth Kornegay
Phone: (615) 848-2082
AT&T Consultant:
Nextera Consultants, LLC
Phone: (615) 708-7549
Ted Archie, Designer
Michael L. Cherry, P.E.

MICHAEL LEE CHERRY REGISTERED ENGINEER 12/5/25 STATE OF TENNESSEE

Job Description:

RELOCATE AT&T FACILITIES FOR TDOT ROAD PROJECT PIN NO. 124722.00, SR-6 BRIDGE OVER WEST FORK STATION CAMP CREEK IN GALLATIN.

DWG U4-2 OF U4-4

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

AT&T SPECIFICATIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U4-3

1. THREAD ANCHOR ROD INTO MANTA RAY

2. INSERT DRIVE STEEL INTO ANCHOR

3. POSITION ANCHOR AT PROPER LOCATION AND ANGLE

4. DRIVE ANCHOR TO PROPER DEPTH

5. REMOVE DRIVE STEEL

6. USE LOAD LOCKER TO PROOF ANCHOR INTO LOAD LOCK POSITION

Manta-Ray anchor specifications

The B drive type anchor in the MR "Manta-Ray" series is available in four different sizes for use in various soil conditions. The description of various soil classes is listed below.

- Class 1 - Extremely hard; bedrock.
- Class 2 - Very hard; dense clay, compact gravel, dense fine sand, laminated rock, slate, schist, sandstone.
- Class 3 - Hard; shale, broken bedrock, hardpan, compact clay-gravel mixture.
- Class 4 - Gravel, compact gravel and sand, claypan.
- Class 5 - Medium firm clay, loose sand and gravel, compact coarse sand.

The table below displays a description of the Manta-Ray anchor sizes, their holding capacities, and intended soil usage.

Reference: See BSP 621-415-205BT (B Drive Type Earth Anchor) for additional information about this topic.

Soil Class	Anchor Model	Rod Size	Marking	Eye Nut	Guy Loading
2	MR-1	1"	32M	Triple	Up to 32M
	MR-2	5/8"	12M	Double	Up to 12M
	MR-3	—	—	—	—
	MR-4	—	—	—	—
3	MR-1	1"	32M	Triple	Up to 32M
	MR-2	5/8"	12M	Double	Up to 12M
	MR-3	—	—	—	—
	MR-4	—	—	—	—
4	MR-1	1"	32M	Triple	Up to 32M
	MR-2	3/4"	18M	Double	Up to 18M
	MR-3	5/8"	6M	Double	Up to 6M
	MR-4	—	—	—	—
5	MR-1	1"	32M	Triple	Up to 32M
	MR-2	3/4"	18M	Double	Up to 18M
	MR-3	5/8"	6M	Double	Up to 6M
	MR-4	—	—	—	—

INSTALLATION EQUIPMENT
Drive Steel: Drive steel and accessories are available from Foresight Products for all Manta Ray and Stingray anchors in basic lengths of 3 feet, 6 feet, and 8 feet. Multiple sections are coupled together with specialized couplers to achieve the required depth of installation. Manta Ray and Stingray drive steel are not interchangeable.

Load Locking Kits For Manta Ray, the LL-1 is a 10-ton fast acting jack with an 8-inch stroke. The direct reading gauge and rod gripping jaws make load locking easy and quick. For high capacity Stingrays, the LL-40 is a 20-ton jack with a 10-inch stroke. The base and jack are self-aligning to the actual installed angle of the anchor. Both kits require open center hydraulic flow of 2 to 8 gallons per minute and a maximum pressure of 2,000 psi. A power supply is not included with these load-locking kits, it must be provided separately. Foresight Products models GPU18-8 or GPU-2 are suitable for the LL-1. GPU18-8 is required for the LL-40.

Manual Installation

UTILITY GUY ANCHORING SYSTEM: QUICK, EASY, SAFE INSTALLATION
Anchor rod is screwed into the threaded shackle of the anchor and the first section (radius drive tip) of the drive steel set is inserted into the anchor. One man at ground level using a standard jack hammer drives the MANTA RAY into the soil at the desired angle and depth. Installer pulls the drive steel out of the ground and screws adaptor setting bar onto the end of the anchor rod. Anchor locker base and hydraulic ram system are placed over adapter setting bar. Power source operates the anchor locker, gripping the adapter setting bar, rotating the anchor underground into its locked position, proof loading anchor to the holding capacity required. Anchor locker is removed, the thimble eye is screwed onto the anchor rod ready for guying. No digging, no damage, no mess. A clean, simple and safe operation.

HYDRAULIC POWERED ANCHOR LOCKERS: THE DISTINCT ADVANTAGE OF THE MANTA RAY SYSTEM - INSTALLATION AND TESTING ARE SIMULTANEOUS
Manufactured from high grade metals, sections of the drive steel are coupled together so that the driving operation can be accomplished safely from ground level. Anchor locker pulls up on the anchor to set it in the ground at the desired holding capacity. Portable and lightweight, the anchor locker consists of a base plate and hydraulic ram. Desired holding capacity is measured by the gauge on the anchor locker.

MANTA RAY INSTALLATION METHODS (MECHANIZED)
Vehicle Mounted Breakers or Compactors: Boom mounted demolitions or compactions are very effective for driving Manta Ray and Stingray anchors. This method requires a special tool in the breaker or a socket welded to the bottom of the compactor to hold the drive steel. Skid Steer Loaders, Loader-Backhoes or Excavators work well. 4,000 to 16,000 lb. Vehicles with 250 to 500 foot-pound pavement breakers are best for Manta Rays, and 16,000 to 30,000 lb. Vehicles with 500 to 1,000 foot-pound pavement breakers are best for Stingrays. Breaker tools and vibro sockets are available from Foresight Products. Rock Drills: Top Hammer or down-the-hole hammer rock drills are very effective for installation of Manta Ray and Stingray anchors. For hard soil or weak rock installations, the drill can be used to drill a pilot hole. Foresight can provide striker bar adapters for these types of drills. Rock drilling steel can also be modified to drive Manta Rays and Stingrays

MANTA RAY ANCHOR DRIVER
The MANTA RAY Anchor Driver was developed by Foresight Products, Inc. for large-scale projects including 360 degree horizontal and vertical applications requiring high-speed, efficient and repetitive anchor installations.
The MANTA RAY Anchor Driver can be installed on a wide range of commonly available construction vehicles: from medium skid steers to large excavators and backhoes.

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AT&T
Construction Work Drawing

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State: TENNESSEE
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Exchange: GALLTNMA (GALLATIN)

AT&T Designer: Kenneth Kornegay
Phone: (615) 848-2082
AT&T Consultant:
Nextera Consultants, LLC
Phone: (615) 708-7549
Ted Archie, Designer
Michael L. Cherry, P.E.

MICHAEL LEE CHERRY
REGISTERED ENGINEER
Agriculture
12/31/26
No. 0011135
STATE OF TENNESSEE

Job Description:

RELOCATE AT&T FACILITIES FOR TDOT ROAD PROJECT PIN NO. 124722.00, SR-6 BRIDGE OVER WEST FORK STATION CAMP CREEK IN GALLATIN.

DWG U4-3 OF U4-4

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

AT&T
SPECIFICATIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U4-4

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT

S.R. 6 STA. 382+81.47 =
DOUGLAS BEND ROAD STA. 50+00.00
N 734113.4340
E 1816929.2780

83077-3219-94
BEGIN PROJ. NO. BR-NH-6(127) CONST.
STA. 383+51.00
N 734130.4590
E 1816992.2320

THORNE BOULEVARD STA. 60+00.00
N 734889.4840
E 1817953.2530

WEST FORK STATION CAMP CREEK FLOW

8 PADDOCK HOLDINGS

11

10 KENNESAW FARMS DEVELOPMENT, INC

2 UNITED STATES OF AMERICA

385 390 395

POT 382+81.47
PC 383+07.37
PT 396+90.45

BEG. BRIDGE STA. 389+85.50 EL. 458.48'
END BRIDGE STA. 391+60.50 EL. 458.67'

PRES. R.O.W.
PROPOSED PERMANENT EASEMENT
PROPOSED R.O.W.
PROPOSED BRIDGE ID# 83SR0060007 175' X 86'
FILL
CUT
TOP-456.40 4P
TOP-458.11
ROCK RET. WALL
BLOCK RET. WALL
BOLLARD
WATER FAUCET
IRON GATE
ELEC. PANEL
GATE KEYPAD
BARBED WIRE
CONC.
GRASS
ASP.
WOVEN
YARDLIGHT
ELECTRIC
WELCOME TO GALLATIN
THORNE BLVD.
S 41° 25' 23" E
N 73° 32' 25" E
US 31E/S.R. 6
35X20 RCP
12P/2T
11P/1T
9P/3T
8P/3T
6P
5P
4P
3-GW
2-GW
4-GW
8-GW
3-G.V.
W.M.
S.V.
G.V.
SSWLD
SSWL
S.W.
C&G
EIP
A
B
C

PLACE MR1-1 ANCHOR ITEM# 793-01.41

PLACE 40-3 WOOD POLE ITEM# 793-01.11

PLACE MR1-1 ANCHOR ITEM# 793-01.41

REMOVE POLE ITEM# 793-98.04

PLACE MR1-1 ANCHOR ITEM# 793-01.41

83077-2219-94
BEGIN PROJ. NO. BR-NH-6(127) R.O.W.
STA. 383+70.91
N 734139.4504
E 1817014.8480

S.R. 6
CURVE SC1
PI 390+12.67
N 734,320.6126
E 1,817,630.5066
~ 27° 39' 42" (LT)
D 2° 00' 00"
R 2,864.79
L 1,383.08
T 705.29
SE 0.028 FT/FT
DESIGN SPEED 50 MPH
TRANS. LENGTH 180'

5-SPAN CONC. BRIDGE 157' X 68' TO BE REMOVED

ABANDONED 6" PVC GPS 83-06-26

CP-S26

STR-1 PERENNIAL

83077-2219-94
END PROJ. NO. BR-NH-6(127) R.O.W.
STA. 395+08.29
N 734689.0484
E 1818002.1027

83077-3219-94
END PROJ. NO. BR-NH-6(127) CONST.
STA. 395+10.00
N 734690.1598
E 1818003.4042

S.R. 6 STA. 396+04.28 =
THORNE BOULEVARD STA. 61+82.59
N 734752.5700
E 1818074.0574

72"CMP

DOCK

CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET	FEATURE	DESCRIPTION
S25	734054.4661	1816887.6565	456.1870	382+24.85	44.7582	XCP	GPS 83-06-25
S26	734486.3402	1817799.7687	459.1640	392+25.97	36.9227	XCP	GPS 83-06-26

LEGEND

- EXISTING TELEPHONE POLE
- PROPOSED TELEPHONE POLE
- REMOVED TELEPHONE POLE
- EXISTING POWER POLE
- PROPOSED POWER POLE
- PROPOSED ANCHOR

GREEN - REMOVAL OR ABANDON
ORANGE - EXISTING TO REMAIN
RED - PROPOSED
BLUE - TEMPORARY

AT&T
Construction Work Drawing

PROPRIETARY INFORMATION
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MICHAEL LEE CHERRY REGISTERED ENGINEER AGRICULTURE 12/31/25 STATE OF TENNESSEE

Job Description:

RELOCATE AT&T FACILITIES FOR TDOT ROAD PROJECT PIN NO. 124722.00, SR-6 BRIDGE OVER WEST FORK STATION CAMP CREEK IN GALLATIN.

DWG U4-4 OF U4-4

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 382+81.47 TO 396+90.45
SCALE: 1"=50'

$$$$$SYTIME$$$$$$$
$$$$SDGNSPEC$$$$$$$

INDEX OF DRAWINGS	
U5-1	SHEET INDEX & ESTIMATED QUANTITIES
U5-2	GENERAL NOTES & LEGEND
U5-3	CONDUCTOR NOTES & STAKING INFO
U5-4	ELECTRIC UTILITY RELOCATION STA.382+81.47 TO STA.396+90.45
U5-5	ASSEMBLY DETAILS
U5-6	ASSEMBLY DETAILS
U5-7	ASSEMBLY DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U5-1
		83077-3219-94	

SUMNER CO.

ESTIMATED QUANTITIES

FOOTNOTE	ITEM	TDOT DESCRIPTION	UTILITY DESCRIPTION	UNIT	TOTAL QUANTITIES	PERCENT UTILITY	PERCENT PROJECT
1	790-05.05	POLE 50FT CLASS 1 METAL	50-1 METAL POLE	EACH	1	0%	100%
1	790-06.05	POLE 55 FT CLASS 1 METAL	55-1 METAL POLE	EACH	3	0%	100%
2	790-25.07	3Ø CROSSARM DBL LRG COND 15KV	C1-1F	EACH	1	0%	100%
2	790-25.11	3Ø CROSSARM DBL PRIM SUP LRG COND 15KV	C2-1F	EACH	1	0%	100%
2	790-25.21	3Ø CROSSARM DEADEND SGL 15KV	C7F	EACH	2	0%	100%
2	790-25.24	3Ø CROSSARM DDE LRG COND 15KV	C8F	EACH	2	0%	100%
	790-30.02	SECONDARY ASSEMBLIES LRG ANGLE	J10	EACH	8	0%	100%
	790-30.06	SECONDARY CONDUCTOR 6 AL DUPLEX	6 DUPLEX	L.F.	452	0%	100%
	790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	2 TRIPLEX	L.F.	148	0%	100%
	790-32.01	DOWN GUY - THROUGH BOLT TYPE	E1-2	EACH	10	0%	100%
	790-32.25	ANCHOR (32,000LB)	FP-2	EACH	7	0%	100%
	790-36.06	TRANSFER LIGHT	TRANSFER SL	EACH	3	0%	100%
	790-40.39	OH COND 4/0 7 AAC OXLIP	4/0 AAC	L.F.	909	0%	100%
	790-40.49	OH COND 795 37 AAC ARBUTUS	795 AAC	L.F.	2727	0%	100%
3	790-46.02	1Ø TRANSFORMER CONV W/POLE MTD FUSE & LA	G139	EACH	1	0%	100%
	790-69.28	EXTENSION LINK - EPOXY -6FT	INS. LINK(M5-21)	EA.	10	0%	100%
	790-70.21	STREET LIGHT (LED, 113 WATT, 4000K)	SL	EACH	1	0%	100%
4	790-98.01	REMOVE WIRE	REMOVE WIRE	L.F.	4146	0%	100%
5	790-98.02	REMOVE POLES	REMOVE POLES	EACH	5	0%	100%
6	790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	REMOVE FRAMING/ASSOCIATED APPARATUS	EACH	37	0%	100%

FOOTNOTES

1 INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO SETUP, TRAFFIC CONTROL, DIGGING HOLE, FILLING HOLE, BLASTING, BUTT WRAP OR SINGLE GROUND ROD, MGNV, NUMBERING POLE.

2 ASSEMBLIES OF SIMILAR CONSTRUCTION BUT DIFFERING ONLY IN USE OF EPOXY VS. PORCELAIN INSULATORS OR FIBERGLASS VS. WOOD CROSSARMS OR LACK OF NEUTRAL ASSEMBLY SHOULD BE GROUPED WITHIN THE SAME ITEM.

3 15KV AND 25KV. DOES NOT INCLUDE TRANSFORMER.

4 INCLUDES DROP WIRE, OH GUYS, MAIN LINE WIRE

5 INCLUDES MAINLINE POLES, SERVICE POLES,STUB POLES

6 INCLUDES CROSSARMS, TRANSFORMERS, SWITCHES, ETC.

UTILITY CONTACT	
UTILITY:	Gallatin Department of Electricity
UTILITY ADDRESS:	135 Jones Street
UTILITY CITY / STATE	Gallatin, Tn 37066
CONTACT:	Jared Pedigo
PHONE:	(615)452-5152
EMAIL:	jpedigo@gdetn.com

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE: NO SCALE
DATE: 09/25/2025

ELECTRIC UTILITY RELOCATION
SHEET INDEX & ESTIMATED QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U5-2
		83077-3219-94	

SUMNER CO.

GENERAL NOTES

1 THESE DRAWINGS ARE NOT CONSIDERED A COMPLETE SET OF CONTRACT DOCUMENTS WITHOUT THE ACCOMPANYING TECHNICAL SPECIFICATIONS.

2 SEE TECHNICAL SPECIFICATIONS FOR ANY UNITS NOT SPECIFICALLY DETAILED IN THESE DRAWINGS.

3 PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL POTENTIALLY 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 CONTRACTORS OPERATIONS.

4 CONTRACTOR SHALL PROVIDE OWNER AND PROJECT ENGINEER WITH (1) SET OF CLEAN, CLEARLY MARKED AS-BUILT DRAWINGS AT END OF PROJECT. THESE DRAWINGS SHALL REFLECT ANY AND ALL CHANGES TO ELECTRONIC PLANS DURING CONSTRUCTION.

5 THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY AFFECTED UTILITY OWNERS PRIOR TO DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE UTILITY OWNER.

6 POLE STRUCTURES SET WITHIN 3' OF DITCHES SHALL BE BACKFILLED AND TAMPED WITH CRUSHED LIMESTONE. PLACE RIPRAP A MINIMUM OF 2' RADIUS FROM EDGE OF POLE TO A MINIMUM HEIGHT OF 8" ABOVE GRADE LEVEL.

7 THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE DRAWINGS ARE APPROXIMATE ONLY. 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 REQUEST THE UTILITY OWNER TO PROPERLY LOCATE AND MARK THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS IN THE VICINITY OF THE UTILITY.

8 PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES AND THE GENERAL PUBLIC 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.

9 SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE CALL SYSTEM INC. AT 811.

10 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE N.E.S.C., N.E.C., AND ANY AND ALL OTHER APPLICABLE LOCAL SAFETY CODES.

11 THE ENGINEER WILL FURNISH DESIGN TENSION AND SAG DATA AS REQUIRED. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT THE ENGINEER SEVEN DAYS PRIOR TO STRINGING CONDUCTORS FOR SAGGING AND STRINGING DATA.

12 ALL INSTALLED POLES TO BE METAL UNLESS SPECIFIED OTHERWISE.

13 ALL EXISTING POLES WITH REMOVED ELECTRIC FACILITIES ARE TO BE TOPPED 2' ABOVE HIGHEST COMMUNICATION ATTACHMENT IF COMMUNICATION CABLES ARE ATTACHED TO THE POLE.

14 ALL NON-STEEL CROSSARMS ON THIS PROJECT ARE TO BE HEAVY DUTY BRACELESS FIBERGLASS UNLESS OTHERWISE SPECIFIED ON THE CONTRACT DRAWINGS.

15 ROCK MAY BE ENCOUNTERED THROUGHOUT THE PROJECT. CONTRACTOR SHALL CONTACT OWNER PRIOR TO PERFORMING ANY INSTALLATIONS IN ROCK.

16 CONTRACTOR WILL BE RESPONSIBLE FOR ANY INSTALLATIONS IN ROCK.

17 THE UTILITY WILL FURNISH ALL TRANSFORMERS TO BE INSTALLED AS SHOWN ON PLAN DRAWINGS.

18 THE OWNER WILL PROVIDE TRANSFORMER INFORMATION SHEETS AND CONTRACTOR WILL BE REQUIRED TO COMPLETE AND RETURN A TRANSFORMER INFORMATION SHEET FOR EACH UNIT REMOVED OR INSTALLED ON THE PROJECT.

19 ATTACH ALL CONNECTIONS, TAPS, AND TRANSFORMERS AS TO MAINTAIN EXISTING PHASE CONNECTIONS UNLESS SPECIFIED OTHERWISE. COORDINATE ANY NEW CONNECTIONS WITH OWNER'S DISPATCH OR PROJECT MANAGER.

20 TRANSFER CONDUCTORS THAT ARE NOT BEING SPECIFICALLY REPLACED FROM REMOVED POLE TO NEW POLES AND RESAG ALL CONDUCTORS TO PROPER TENSIONS. SPLICE ADDITIONAL CONDUCTOR AS REQUIRED TO ACHIEVE PROPER SAG.

21 WHERE ANY CONDUCTORS ARE TOO SHORT TO BE PROPERLY SAGGED AT NEW POLE LOCATION, ADDITIONAL CONDUCTOR MAY BE SPLICED A MINIMUM OF 10' FROM DEADEND POLE STRUCTURES. MULTIPLE SPLICES IN A SINGLE CONDUCTOR SPAN ARE NOT PERMITTED WITHOUT PRIOR APPROVAL.

22 FIBERGLASS STRAIN INSULATOR QUANTITIES ARE APPROXIMATE. CONTRACTOR TO INSTALL FIBERGLASS STRAIN INSULATORS WHERE REQUIRED TO INSURE DOWN GUYS ARE CLEAR OF ENERGIZED CONDUCTORS AS REQUIRED BY THE NESC.

23 COORDINATE ANY METER WORK WITH OWNER.

24 EXISTING CONDUCTOR DESIGN TENSIONS ARE ASSUMED. ADDITIONAL GUYING MAY BE REQUIRED AS ACTUAL FIELD CONDITIONS MAY BE DIFFERENT.

25 ON POLES WHERE TRANSFORMERS ARE BEING REMOVED AND INSTALLED, THE EXISTING TRANSFORMER MAY BE RE-USED IF IN GOOD CONDITION.

26 ALL GUY WIRE TO BE 3/8" E.H.S.S. UNLESS OTHERWISE NOTED.

27 WHERE TWO ASSEMBLIES WITH DIFFERENT MOUNTING SPACES ARE BEING ATTACHED TO THE SAME POLE THE LARGER SPACING SHOULD BE USED.

28 ALL POLE GROUND WIRE TO BE #2 AWG cu EXCEPT AT SWITCH STRUCTURES WHERE 4/0 cu WILL BE USED.

29 ANY CONTRACTOR OR SUBCONTRACTOR WHO WILL BE PERFORMING THE WORK OF THE ELECTRIC UTILITY CONSTRUCTION SHALL SUBMIT QUALIFICATION REQUIREMENTS DIRECTLY TO TDOT FOR APPROVAL BY 30 DAYS PRIOR TO THE LETTING OF THE CONTRACT.

30 THE WORK OF ELECTRIC RELOCATION AS INDICATED WITHIN THESE CONTRACT DRAWINGS SHALL BE COVERED UNDER "STANDARD SPECIFICATIONS FOR UTILITY CONSTRUCTION" AS PART OF THE TDOT PROPOSAL CONTRACT.

31 CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL ELECTRIC FACILITIES AT FINAL GRADE AS SHOWN. ANY TEMPORARY INSTALLATIONS OR GRADING ARE THE RESPONSIBILITY OF THE CONTRACTOR.

32 CONTRACTOR TO ENSURE THAT ANY STEEL POLES PLACED IN FILL AREAS SHALL HAVE SUFFICIENT ANTI-CORROSION COATING TO 18" ABOVE FINISHED GRADE.

33 THE UTILITY WILL PROVIDE STAKING DATA INCLUDING NORTHING, EASTING, AND STATION/OFFSET DATA AS REQUIRED OR SHOWN ON DRAWINGS.

34 REMOVAL POLES ARE CATEGORIZED AS: TYPE A = 35' AND BELOW TYPE B = 40' TO 60' TYPE C = 65' AND ABOVE

35 RAIN WATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A TEMPORARY DEWATERING STRUCTURE OR FILTER BAG.

36 SILT FENCE TO BE INSTALLED ON THE DOWNSTREAM SIDE OF STOCKPILED SOIL. TRENCHING ACROSS WET WEATHER CONVEYANCES TO BE DONE DURING NO FLOW CONDITIONS AND STABILIZED BY THE END OF THE WORK DAY.

37 UTILITY CROSSING FOR PERENNIAL STREAMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS, AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE UTILITIES IN THIS PROJECT IN REGARDS TO EROSION CONTROL. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLANS.

38 IT IS THE RESPONSIBILITY OF THE UTILITIES INSTALLER TO PROTECT FROM EROSION EXPOSED EARTH RESULTING FROM HIS OPERATIONS AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM HIS WORK. PRIOR TO BEGINNING WORK, ADEQUATE MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF HIS WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME SHALL EXPOSED EARTH RESULTING FROM HIS OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND BECOME WATERS OF THE STATE.

39 FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN 7 DAYS AFTER TRENCHING. ANY TEMPORARY SPOIL PILE OF EXCAVATED EARTH SHALL BE LOCATED WITHIN THE TDOT ROW EROSION CONTROL MEASURES OR RECEIVE SEPARATE EROSION CONTROL MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EROSION CONTROL MEASURES WILL BE INSTALLED UNTIL SUCH TIME THE TRENCH IS BACKFILLED.

40 TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE UTILITIES IN THIS PROJECT IN REGARDS TO EROSION CONTROL. THE STATE CONTRACTOR IS ONLY RESPONSIBLE FOR EROSION CONTROL MEASURES FOR UTILITY CONSTRUCTION THAT IS INCLUDED IN THE STATE CONTRACT WORK.

41 EXCEPT FOR EROSION SEDIMENT CONTROL ITEMS, NO ROADWAY OR BRIDGE ITEMS SHALL BE UTILIZED TO COMPENSATE FOR WORK METHODS OR MATERIALS ASSOCIATED WITH AND/OR SPECIFIED FOR THE UTILITY INSTALLATION, EVEN THOUGH THE SAME OR SIMILAR ROADWAY OR BRIDGE MATERIALS MAY HAVE BEEN CALLED FOR IN THE UTILITY SPECIFICATIONS OR DRAWINGS.

42 ALL MATERIALS, METHODS, AND/OR INTEGRAL MATERIAL OUTLINED IN THE UTILITY SPECIFICATIONS OR DRAWINGS NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONAL INSTALLATION MUST BE INCLUDED IN THE UNIT PRICE FOR THE ASSOCIATED UTILITY WORK ITEM.

43 IT SHALL BE RESPONSIBILITY OF THE PRIME CONTRACTOR'S SURVEYOR TO LAY OUT ALL THE FACILITIES BEING RELOCATED WITHIN THE CONTRACT.

44 WHERE EROSION CONTROL MEASURES ARE NEEDED FOR THE UTILITY RELOCATION WORK OCCURRING INSIDE OR OUTSIDE STATE RIGHT-OF-WAY, THE CONTRACTOR SHALL SUBMIT TO THE TDOT PROJECT SUPERVISOR FOR APPROVAL A PROPOSED EROSION AND SEDIMENT CONTROL PLAN PRIOR TO BEGINNING THE WORK. TDOT APPROVAL MUST BE RECEIVED BEFORE THE EROSION CONTROL PAY ITEMS FOR ROADWAY CONSTRUCTION CAN BE USED FOR ANY ADDITIONAL EROSION CONTROL MEASURES REQUIRED FOR THE UTILITY RELOCATION WORK.

45 DRIVEWAY, SIDEWALK AND ROADWAY TEMPORARY RESTORATION SHALL BE PART OF THE IN-PLACE COST OF PLACING THE ITEM WITHIN THE ROW.

LEGEND

- EASEMENTS
- +++P — THREE PHASE EXISTING/REMOVAL
- +P — SINGLE PHASE EXISTING/REMOVAL
- - - - P — THREE PHASE PROPOSED
- — P — SINGLE PHASE PROPOSED
- DUPLEX
- TRIPLEX
- QUADRAPLEX
- F — FIBER PROPOSED
- F — FIBER EXISTING/REMOVAL
- EXISTING POLE TO REMAIN
- PROPOSED POLE
- REPLACE IN PLACE POLE
- REMOVAL POLE
- EXISTING/REMOVAL SINGLE PHASE TRANSFORMER
- PROPOSED SINGLE PHASE TRANSFORMER
- EXISTING/REMOVAL THREE PHASE TRANSFORMER
- PROPOSED THREE PHASE TRANSFORMER
- PROPOSED SPAN GUY
- EXISTING/REMOVAL SPAN GUY
- PROPOSED ANCHOR
- PROPOSED IN LINE ANCHOR
- EXISTING ANCHOR TO BE REMOVED
- EXISTING ANCHOR TO REMAIN
- EXISTING/REMOVAL PL
- PROPOSED PL
- EXISTING/REMOVAL SL
- PROPOSED SL
- PEDESTAL
- EXISTING/REMOVAL SW. DISC
- PROPOSED SW. DISC
- EXISTING/REMOVAL M5-10
- PROPOSED M5-10
- EXISTING GS
- PROPOSED GS
- CAP BANK
- EXISTING/REMOVAL NAP
- PROPOSED NAP
- EXISTING/REMOVAL RECLOSER
- PROPOSED RECLOSER
- PRIMARY RISER
- M — PRIMARY METER
- LIGHTNING ARRESTER

JODY W. CATHEY
REGISTERED ENGINEER
STATE OF TENNESSEE
9/25/25

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

SCALE: NO SCALE
DATE: 09/25/2025

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

ELECTRIC UTILITY RELOCATION
GENERAL NOTES & LEGEND

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U5-3
		83077-3219-94	

SUMNER CO.

CONDUCTOR QUANTITIES BY STRUCTURE

INSTALL CONDUCTOR	TOTALS	26829-1	26829	26828(NEW)	30357	1786	26827
4/0 AAC NEU	909	220	226	232			231
795 AAC	2727	660	678	696			693
#6 DUPLEX	452	220		232			
TRIPLEX	148				101	47	

REMOVAL CONDUCTOR	TOTALS	26830(REM)	26829	32435	26828(REM)	1786	26827
4/0 AAC NEU	911	109	330		243		229
795 AAC	2733	327	990		729		687
#6 DUPLEX	190	109		81			
TRIPLEX	312				164	148	

STRUCTURE STAKING TABLE

STRUCTURE	X(EASTING)	Y(NORTHING)
26830(NEW)	1817083.27	734216.14
26829-1	1817286.08	734301.90
26829	1817487.18	734405.15
26828(NEW)	1817680.64	734531.64

JODY W. CATHEY
REGISTERED ENGINEER
STATE OF TENNESSEE
9/25/25

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

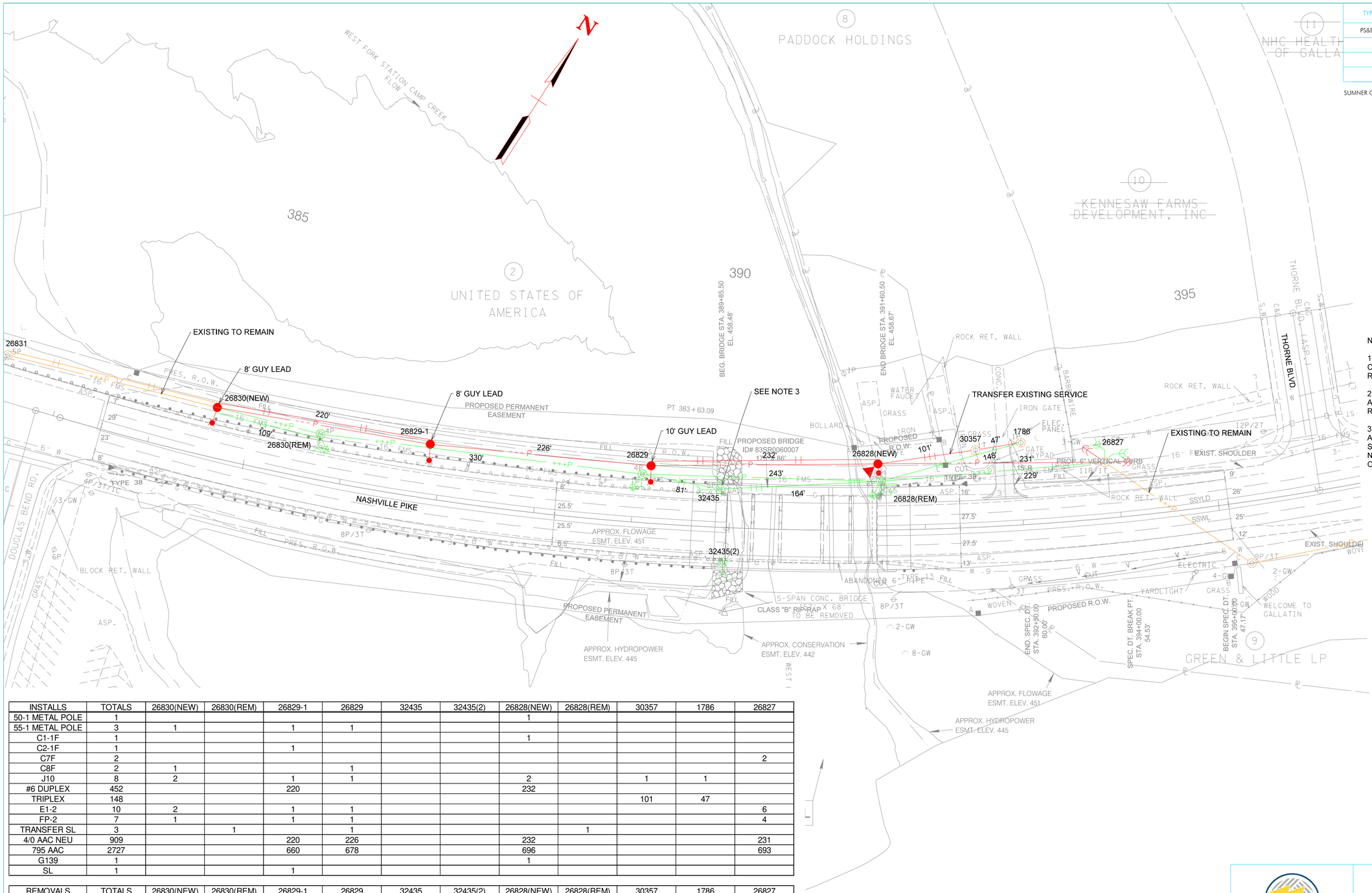
Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE: NO SCALE
DATE: 09/25/2025

ELECTRIC UTILITY RELOCATION
CONDUCTOR NOTES & STAKING INFO

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U5-4
		83077-3219-94	

SUMNER CO.



INSTALLS	TOTALS	26830(NEW)	26830(REM)	26829-1	26829	32435	32435(2)	26828(NEW)	26828(REM)	30357	1786	26827
50-1 METAL POLE	1							1				
55-1 METAL POLE	3	1		1	1							
C1-1F	1							1				
C2-1F	1			1								
C7F	2											2
C8F	2	1			1							
J10	8	2		1	1			2		1	1	
#6 DUPLEX	452			220				232				
TRIPLEX	148									101	47	
E1-2	10	2		1	1							6
FP-2	7	1		1	1							4
TRANSFER SL	3		1		1				1			
4/0 AAC NEU	909			220	226			232				231
795 AAC	2727			660	678			696				693
G139	1							1				
SL	1			1								

REMOVALS	TOTALS	26830(NEW)	26830(REM)	26829-1	26829	32435	32435(2)	26828(NEW)	26828(REM)	30357	1786	26827
4/0 AAC NEU	911		109		330				243			229
795 AAC	2733		327		990				729			687
#6 DUPLEX	190		109			81						
TRIPLEX	312								164		148	
45' WOOD POLE	3		1		1				1			
SIGNAL POLE	2					1	1					
C2	3		1		1				1			
C7F	2											2
E1-2	12		1		1	2	1		1			6
FP-2	10		1		1	2	1		1			4
G139	2		1						1			
J10	8		1		2	2			2		1	

NOTE:

1. STRUCTURE 26827 OWNED BY OTHERS. COORDINATE CONSTRUCTION AS REQUIRED.

2. STRUCTURES 26830, 26829-1, AND 26829 ANCHORS TO BE 5' MINIMUM BEHIND GUARD RAIL.

3. REMOVE WIRE, FLASHING BEACON AND ALL ASSOCIATED HARDWARE BETWEEN STRUCTURES 32435 & 32435(2). THESE ARE NOT PAY ITEMS AND CONSIDERED TO BE PART OF THE PROJECT.

JODY W. CATHEY
REGISTERED ENGINEER
STATE OF TENNESSEE
9/25/25

GDE

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

SCALE: 1"=50'
DATE: 09/25/2025

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

ELECTRIC UTILITY RELOCATION
STA. 382+81.47 TO 396+90.45

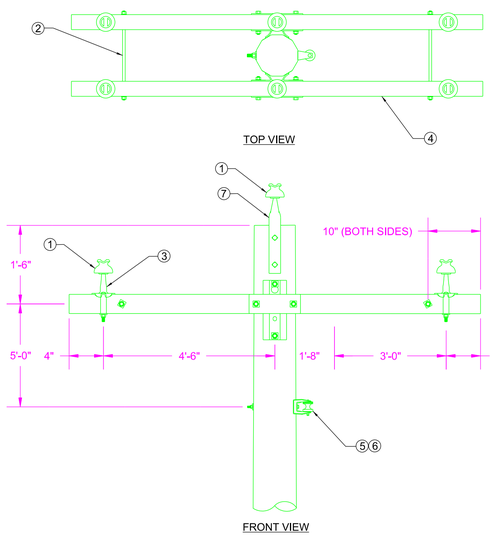
PRIMARY CONDUCTOR ASSEMBLY KEY

PREFIX	DESCRIPTION / TYPE
A	SINGLE PHASE
B	TWO PHASE
C	THREE PHASE
DC	DOUBLE CIRCUIT THREE PHASE
NUMBER	
1	TANGENT
2	SMALL ANGLE
3	LARGE ANGLE (VERTICAL, RUNNING ANGLE)
4	LARGE ANGLE (VERTICAL, DOUBLE DEADENDED)
5	SINGLE DEADEND (VERTICAL)
7	SINGLE DEADEND (ON ARM)
8	DOUBLE DEADEND (ON ARM)
9	NEUTRAL ON ARM
-1	ADDITIONAL ARM OR STANDOFF BRACKET
SUFFIX	
F	FIBERGLASS CROSSARM CONSTRUCTION
U	UNDERBUILT OTHER FACITLITIES (NO POLE TOP)
P	POST INSULATOR CONSTRUCTION
N	NARROW PROFILE CONSTRUCTION

EXAMPLE: C1-1UFP = THREE PHASE TANGENT FRAMING WITH ADDITIONAL ARM, THREE PINS ON FIBERGLASS CROSSARM AND POST INSULATORS

NOTE: INSTALLATION / REMOVAL OF ALL JUMPER CONTROL AND OTHER MISCELLANEOUS MATERIAL ASSOCIATED WITH FRAMING UNITS BUT NOT SPECIFIED IS INCLUDED WITH THE FRAMING UNIT AND IS NOT A SEPARATE PAY ITEM.

FRAMING NOMENCLATURE KEY	N.T.S.
	KEY

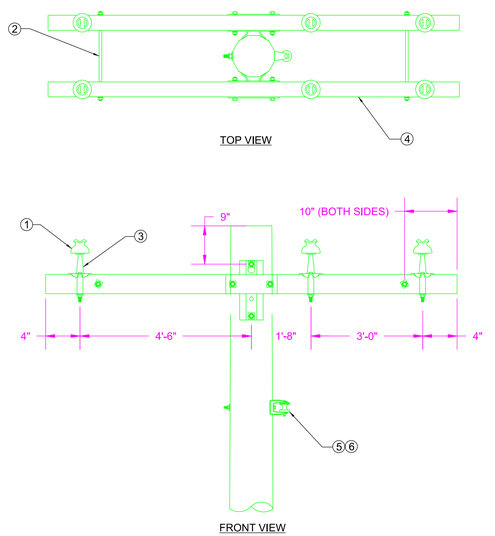


NOTE:

1. ASSEMBLY INCLUDES ALL PROPER SIZE BOLTS, WASHERS, AND LOCKNUTS.
2. CONDUCTORS NOT SHOWN FOR CLARITY.

ID	QTY	DESCRIPTION
1	6	INSULATOR, PIN TYPE
2	2	BOLT, DOUBLE ARMING, 5/8", LENGTH AS REQ'D
3	4	PIN, CROSSARM, CLAMP TYPE
4	2	CROSSARM, FIBERGLASS, 10' HVY DUTY
5	1	INSULATOR, SECONDARY, 3"
6	1	CLEVIS, SECONDARY, 3"
7	2	PIN, POLE TOP

DOUBLE ARM, LARGE CONDUCTOR, 0-5 DEGREES	N.T.S.
	C1-1F



NOTE:

1. ASSEMBLY INCLUDES ALL PROPER SIZE BOLTS, WASHERS, AND LOCKNUTS.
2. CONDUCTORS NOT SHOWN FOR CLARITY.

ID	QTY	DESCRIPTION
1	6	INSULATOR, PIN TYPE
2	2	BOLT, DOUBLE ARMING, 5/8", LENGTH AS REQ'D
3	6	PIN, CROSSARM, CLAMP TYPE
4	2	CROSSARM, FIBERGLASS, 10' HVY DUTY
5	1	INSULATOR, SECONDARY, 3"
6	1	CLEVIS, SECONDARY, 3"

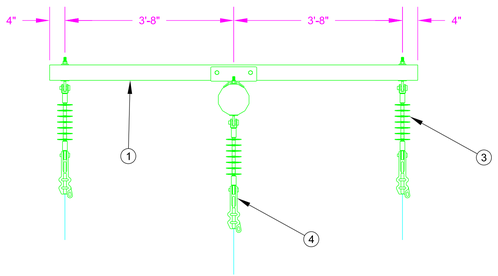
DOUBLE ARM, SMALL ANGLE 0-20 DEGREES	N.T.S.
	C2-1F

NOTES:

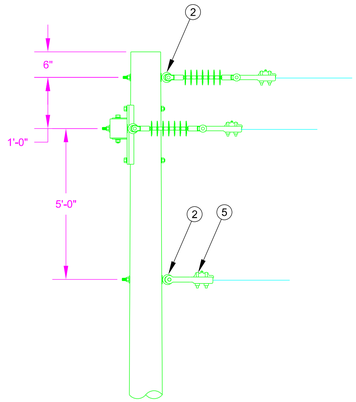
1. REMOVAL FRAMING IS BASED ON THE FRAMING NOMENCLATURE KEY AND HAS NO SPECIFIC DETAILS UNLESS OTHERWISE NOTED.
2. ALL ASSEMBLIES INCLUDE PROPERLY SIZED NUTS, BOLTS, WASHERS AND LOCKNUTS.3. ALL ASSEMBLIES INCLUDE PROPERLY SIZED JUMPERS AND CONNECTORS.
3. USE ROUND WASHERS ON ROUND SURFACES AND FLAT WASHERS ON FLAT SURFACES.
4. SEE TECHNICAL SPECIFICATIONS FOR INDIVIDUAL PART SIZES, STRENGTHS, VOLTAGES OR OTHER INFORMATION. CONTACT ENGINEER WITH ANY QUESTIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U5-5
		83077-3219-94	

SUMNER CO.



PLAN VIEW



SIDE VIEW

ID	QTY	DESCRIPTION
1	1	CROSSARM, 8' FIBERGLASS, DEADEND, HEAVY DUTY
2	4	EYE BOLT, 5/8" X REQ'D LENGTH
3	3	INSULATOR, POLYMER SUSPENSION
4	3	CLAMP, DE, PRIMARY
5	1	CLAMP, DE, NEUTRAL

THREE PHASE SINGLE DEADEND	N.T.S.
	C7F

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JODY W. CATHEY
REGISTERED ENGINEER
AGRICULTURE
CIVIL
STATE OF TENNESSEE
9/25/25

GDE

TDOT DESCRIPTION

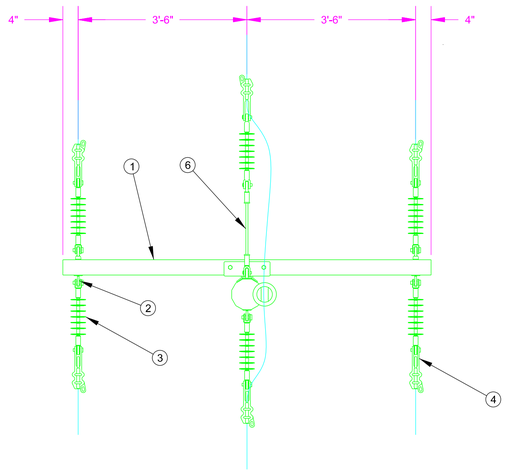
(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

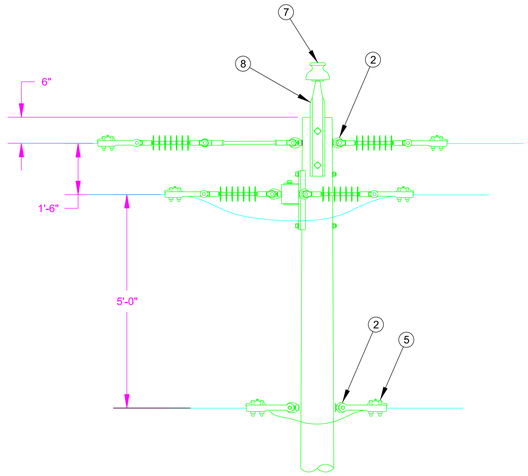
Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE	DATE
N.T.S.	09/25/2025

ELECTRIC UTILITY RELOCATION ASSEMBLY DETAILS



PLAN VIEW



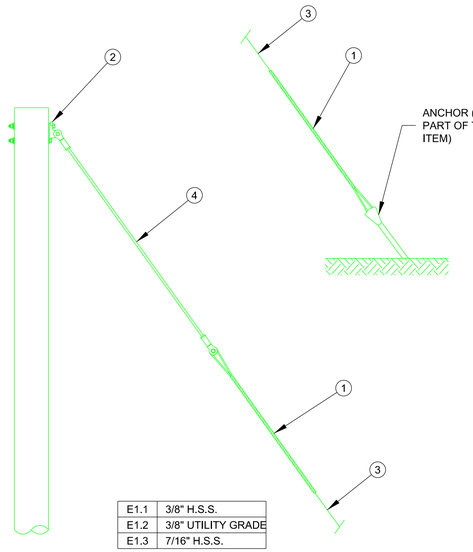
SIDE VIEW

ID	QTY	DESCRIPTION
1	3	CROSSARM, 8' FIBERGLASS, DEADEND, HEAVY DUTY
2	10	EYE BOLT, W/ EYENUT, 5/8" X REQ'D LENGTH
3	18	INSULATOR, POLYMER SUSPENSION
4	18	CLAMP, DE, PRIMARY
5	2	CLAMP, DE, NEUTRAL
6	3	EXTENSION, 12", FIBERGLASS
7	3	INSULATOR, PIN TYPE
8	3	PIN, POLE TOP, STEEL

NOTE:

1. TOP JUMPER NOT SHOWN FOR CLARITY.

THREE PHASE DOUBLE DEADEND	N.T.S.
	C8F



E1.1	3/8" H.S.S.
E1.2	3/8" UTILITY GRADE
E1.3	7/16" H.S.S.

NOTE:

1. ALL GUY LEADS TO BE 3 TO 2 UNLESS NOTED OTHERWISE.
2. ANCHOR IS A SEPARATE ITEM.
3. USE ADDITIONAL INSLINKS AS REQUIRED TO MEET N.E.S.C. CLEARANCES.
4. ATTACH GUY TO POLE AS REQUIRED BY CONSTRUCTION TYPE.

ID	QTY	DESCRIPTION
1	2	PREFORMED DEADEND (SIZE AS REQ'D)
2	1	POLE EYE PLATE
3	-	GUY, STRAND (LENGTH AS REQUIRED) (SEE CHART FOR SIZE/TYPE)
4	1	GUY, FIBERGLASS LINK

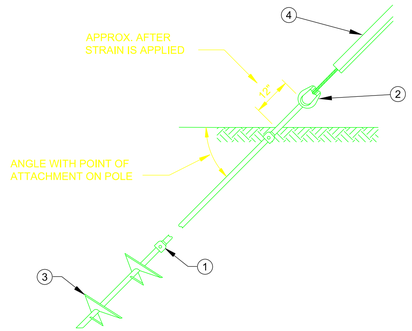
DOWNGUY, THROUGH BOLT TYPE	N.T.S.
	E1-1, E1-2, E1-3

NOTES:

1. REMOVAL FRAMING IS BASED ON THE FRAMING NOMENCLATURE KEY AND HAS NO SPECIFIC DETAILS UNLESS OTHERWISE NOTED.
2. ALL ASSEMBLIES INCLUDE PROPERLY SIZED NUTS, BOLTS, WASHERS AND LOCKNUTS.3. ALL ASSEMBLIES INCLUDE PROPERLY SIZED JUMPERS AND CONNECTORS.
3. USE ROUND WASHERS ON ROUND SURFACES AND FLAT WASHERS ON FLAT SURFACES.
4. SEE TECHNICAL SPECIFICATIONS FOR INDIVIDUAL PART SIZES, STRENGTHS, VOLTAGES OR OTHER INFORMATION. CONTACT ENGINEER WITH ANY QUESTIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U5-6
		83077-3219-94	

SUMNER CO.

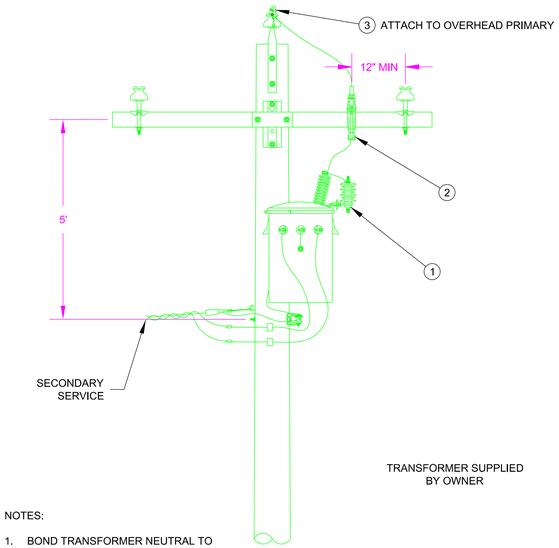


NOTES:

1. ANCHOR SHALL BE INSTALLED WITH TORQUE INDICATOR OR SHEAR PINS TO ENSURE PROPER TORQUE.
2. ANCHOR SHALL INCLUDE ONE GUY MARKER INSTALLED ON OUTERMOST DOWNGUY.
3. INSTALL ADDITIONAL EXTENSION RODS AND COUPLERS AS REQUIRED TO MAKE PROPER HOLDING TORQUE. DO NOT INSTALL EXTENSION RODS BEYOND 14'. IF PROPER TORQUE CANNOT BE ACHIEVED, CONTACT ENGINEER FOR ALTERNATIVE GUYING SOLUTION.

ID	QTY	DESCRIPTION
1	1	COUPLER
2	1	COUPLER AND TRIPLE EYE NUT
3	1	ANCHOR, DOUBLE HELIX
4	1	GUY MARKER, YELLOW

DOUBLE HELIX ANCHOR	N.T.S.
	FP-2

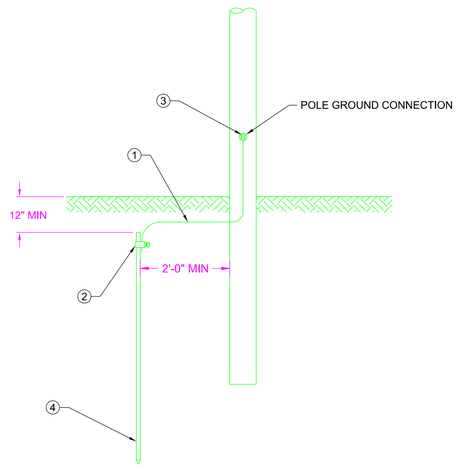


NOTES:

1. BOND TRANSFORMER NEUTRAL TO SYSTEM/POLE GROUND.
2. COORDINATE CUTOUT FUSE SIZE WITH OWNER.
3. SERVICE ATTACHMENTS ARE A SEPARATE ITEM.
4. COORDINATE TRANSFORMER MOUNTING LOCATION WITH OWNER.

ID	QTY.	DESCRIPTION
1	1	ARRESTER, DISTRIBUTION CLASS, 10kV
2	1	CUTOUT, 15kV, W / ARM BRACKET
3	2	CLAMP, HOTLINE, SIZE AS REQ'D

SINGLE PHASE TRANSFORMER ON THREE PHASE LINE	N.T.S.
	G139



NOTES:

1. INSTALL GROUND ROD IN UNDISTURBED EARTH.
2. THIS IS NOT A PAY ITEM AND IS INCLUDED IN EACH POLE INSTALLATION.

ID	QTY.	DESCRIPTION
1	5	#4 COPPER CONDUCTOR
2	1	CLAMP, GROUND ROD 5/8"
3	1	CONNECTOR, #4 COPPER GROUND & BOLT, 5/8" X 2"
4	1	ROD, GROUND 5/8" x 8'

POLE GROUND ROD	N.T.S.
	GND ROD

JODY W. CATHEY
REGISTERED ENGINEER
STATE OF TENNESSEE
9/25/25

GDE

TDOT DESCRIPTION

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JOB NUMBER: 81933
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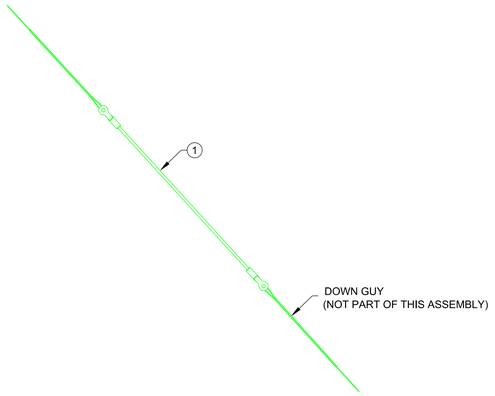
SCALE	DATE
N.T.S.	09/25/2025

ELECTRIC UTILITY RELOCATION ASSEMBLY DETAILS

Standard Guy Leads		
Attachment Height	2 to 1	3 to 2
25	12.5	16.5
30	15	19.8
35	17.5	23.1
40	20	26.4
45	22.5	29.7
50	25	33
55	27.5	36.3
60	30	39.6
65	32.5	42.9
70	35	46.2
75	37.5	49.5
80	40	52.8
85	42.5	56.1
90	45	59.4
95	47.5	62.7
100	50	66

1 to 1 Guy leads equal attachment height above ground.

STANDARD GUY LEADS	N.T.S.
	GUY LEADS

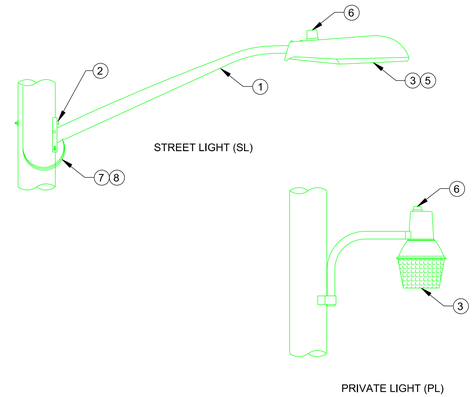


NOTE:

1. ULTIMATE TENSION OF FIBERGLASS LINK SHALL BE A MINIMUM OF 21,000 LBS. OR SHALL EXCEED THE ULTIMATE TENSION OF THE GUY WIRE USED, WHICHEVER IS STRONGER.
2. M5-21 QUANTITIES ARE IN ADDITION TO INSULATORS INCLUDED IN GUY ASSEMBLIES.

ID	QTY.	DESCRIPTION
1	1	GUY, FIBERGLASS, STRAIN TYPE

FIBERGLASS GUY STRAIN INSULATOR	N.T.S.
	M5-21



NOTE:

1. LIGHT ASSEMBLY SHALL BE GROUNDED TO POLE OR POLE NEUTRAL.
2. ACTUAL LIGHT FIXTURE MAY DIFFER FROM THOSE SHOWN. COORDINATE LIGHT TYPE AND SIZE WITH UTILITY OWNER.

ID	QTY.	DESCRIPTION
1	1	ARM, STREET LIGHT. SIZE AND TYPE AS REQ'D
2	2	LAG SCREW, 5/8" X 6" (FOR WOOD POLES ONLY)
3	1	FIXTURE, STREET LIGHT. SIZE AND TYPE AS REQ'D
4	1	GROUNDING LUG, FOR STREET LIGHT ARM
5	1	LAMP, SIZE AND TYPE AS REQ'D
6	1	PE CELL, SOCKET TYPE
7	12	WIRE, #12 COPPER SOLID, WHITE
8	12	WIRE, #12 COPPER SOLID, BLACK

STREET LIGHT AND PRIVATE LIGHT	N.T.S.
	SL & PL

NOTES:

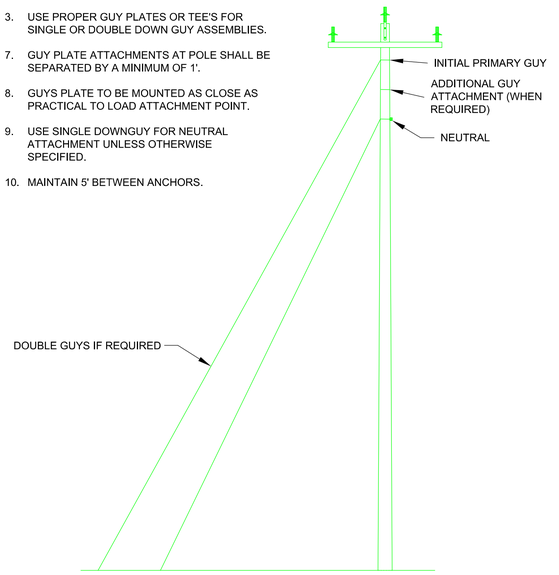
1. REMOVAL FRAMING IS BASED ON THE FRAMING NOMENCLATURE KEY AND HAS NO SPECIFIC DETAILS UNLESS OTHERWISE NOTED.
2. ALL ASSEMBLIES INCLUDE PROPERLY SIZED NUTS, BOLTS, WASHERS AND LOCKNUTS.3. ALL ASSEMBLIES INCLUDE PROPERLY SIZED JUMPERS AND CONNECTORS.
3. USE ROUND WASHERS ON ROUND SURFACES AND FLAT WASHERS ON FLAT SURFACES.
4. SEE TECHNICAL SPECIFICATIONS FOR INDIVIDUAL PART SIZES, STRENGTHS, VOLTAGES OR OTHER INFORMATION. CONTACT ENGINEER WITH ANY QUESTIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U5-7
		83077-3219-94	

SUMNER CO.

NOTE:

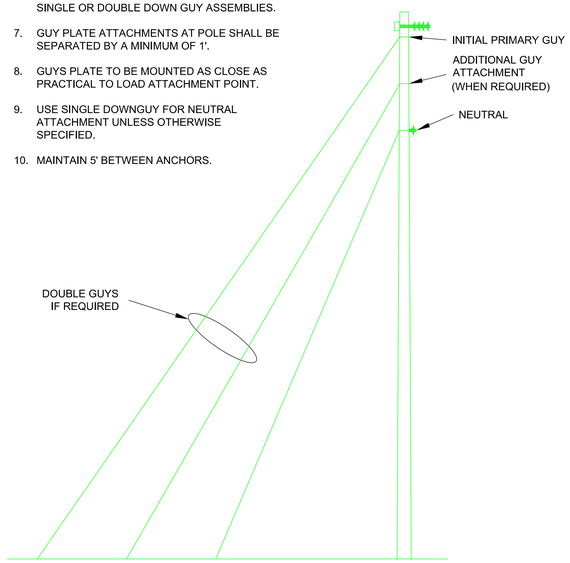
1. GUY LEAD SHALL BE AS SHOWN ON PLANS.
2. DO NOT PLACE MORE THAN TWO DOWN GUYS ON A SINGLE ANCHOR.
3. USE PROPER GUY PLATES OR TEE'S FOR SINGLE OR DOUBLE DOWN GUY ASSEMBLIES.
7. GUY PLATE ATTACHMENTS AT POLE SHALL BE SEPARATED BY A MINIMUM OF 1'.
8. GUYS PLATE TO BE MOUNTED AS CLOSE AS PRACTICAL TO LOAD ATTACHMENT POINT.
9. USE SINGLE DOWNGUY FOR NEUTRAL ATTACHMENT UNLESS OTHERWISE SPECIFIED.
10. MAINTAIN 5' BETWEEN ANCHORS.



THREE PHASE BISECTOR PREFERRED GUYING	N.T.S.
	GUYING

NOTE:

1. GUY LEAD SHALL BE AS SHOWN ON PLANS.
2. DO NOT PLACE MORE THAN TWO DOWN GUYS ON A SINGLE ANCHOR.
3. USE PROPER GUY PLATES OR TEE'S FOR SINGLE OR DOUBLE DOWN GUY ASSEMBLIES.
7. GUY PLATE ATTACHMENTS AT POLE SHALL BE SEPARATED BY A MINIMUM OF 1'.
8. GUYS PLATE TO BE MOUNTED AS CLOSE AS PRACTICAL TO LOAD ATTACHMENT POINT.
9. USE SINGLE DOWNGUY FOR NEUTRAL ATTACHMENT UNLESS OTHERWISE SPECIFIED.
10. MAINTAIN 5' BETWEEN ANCHORS.



THREE PHASE DEADEND PREFERRED GUYING	N.T.S.
	GUYING

THIS SPACE INTENTIONALLY LEFT BLANK.

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER WEST FORK STATION CAMP CREEK, LM9.84 IN GALLATIN (IA) ROUTE SR-6

JOB NUMBER: 81933
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE	DATE
N.T.S.	09/25/2025

ELECTRIC UTILITY RELOCATION ASSEMBLY DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6 (127)	U6-1

UTILITIES INDEX

SHEET NAME	SHEET NUMBER
ESTIMATED QUANTITIES AND GENERAL NOTES	U6-1
GAS LINE - PLAN - STA. 382+81.47 TO STA. 396+90.45	U6-2
GAS STANDARD DETAILS	U6-3

FOOTNOTES

1. INCLUDES ALL MATERIALS, LABOR, EQUIPMENT FOR COMPLETE INSTALLATION OF PIPE INCLUDING BUT NOT LIMITED TO TRAFFIC CONTROL, MATERIALS, EQUIPMENT, EXCAVATION IN BOTH UNCONSOLIDATED AND ROCK, REMOVAL AND REPLACEMENT OF UNSUITABLE SOIL, ENVELOPE/BEDDING MATERIAL, BACKFILLING, FLOWABLE FILL, THRUST BLOCKING, CONCRETE DEADMAN, PIPE FUSION, TRACER WIRE, WARNING TAPE, APPURTENANCES, TEMPORARY/PERMANENT SHORING, MAINTAINING THE TRENCH, TESTING, FLUSHING, DISINFECTION, BACTERIOLOGICAL SAMPLING, TEMPORARY/PERMANENT SURFACE RESTORATION, AND ANY OTHER LABOR OR MATERIAL REQUIRED TO COMPLETE THE WORK AS SPECIFIED ON THE PLANS.
2. INCLUDES ALL MATERIALS, LABOR, EQUIPMENT, AND TRAFFIC CONTROL, INCLUDING BUT NOT LIMITED TO FLUID CONTAINMENT FOR COMPLETE HORIZONTAL DIRECTIONAL DRILLING INSTALLATION OF CASING PIPE OR UNCASED CARRIER PIPE IN BOTH UNCONSOLIDATED SOIL OR ROCK. IF CASING PIPE HAS CARRIER PIPE, THE CARRIER PIPE SHALL BE PAID AT THE OPEN CUT ITEM.
3. INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY FOR CONNECTING TO AN EXISTING WATER LINE INCLUDING TRAFFIC CONTROL.
4. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO TAPPING SLEEVE, VALVE, VALVE BOX, BOX ADJUSTMENT, VALVE BOX COLLAR, VALVE MARKER, EXCAVATION, BEDDING, BACKFILL, BLOCKING AND RESTRAINT, TAP OF EXISTING LINE, AND TRAFFIC CONTROL.
5. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO FITTINGS, VALVE, VALVE STEM EXTENSIONS, VALVE BOX AND COVER, BOX ADJUSTMENT, VALVE BOX COLLAR, VALVE MARKER, EXCAVATION, BEDDING, BACKFILL, BLOCKING, AND TRAFFIC CONTROL.
6. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO MACHINERY, TOOLS OR APPARATUS NECESSARY FOR INSTALLATION OF ASSEMBLIES AS DESCRIBED IN THE PLANS AND SPECS EXCEPT FOR SERVICE LINE WHICH IS PAID SEPARATELY FOR EACH FOOT INSTALLED.
7. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION OF SERVICE LINE OR CASING FOR SERVICE LINE ON LONG SIDE AND SHORT SIDE OF MAIN.
8. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION OF UNIT OR LUMP SUM ITEM AS SPECIFIED ON BID FORM.
9. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR REMOVAL OF ITEM.
10. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO CASING PIPE, PIPE SPACERS, CASING END SEALS, FITTINGS, TRACER WIRE, WARNING TAPE, UTILITY LINE MARKERS AND TRAFFIC CONTROL. IF CASING PIPE HAS CARRIER PIPE, THE CARRIER PIPE SHALL BE PAID AT THE OPEN CUT ITEM
11. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT, SETUP AND TRAFFIC CONTROL
12. INCLUDES FITTINGS, GLANDS AND RESTRAINT DEVICES DESCRIBED IN POUNDS.
13. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR REMOVAL OF EXISTING WATER SERVICE METER ASSEMBLY AND INSTALLING A NEW SERVICE INCLUDING BOX, SETTER, CURB STOP AND PRV AT NEWLY IDENTIFIED LOCATION.
14. AIR RELIEF VALVE ASSEMBLIES TO BE INSTALLED AS DIRECTED BY OWNER.

GALLATIN PUBLIC UTILITIES
239 HANCOCK STREET
GALLATIN, TN 37066
CONTACT: DAVID KELLOGG
PHONE: (615) 451-5922

T.D.O.T. ENVIRONMENTAL NOTES:

1. RAINWATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A TEMPORARY DEWARTERING STRUCTURE OR FILTER BAG.
2. SILT FENCE TO BE INSTALLED ON THE DOWNSTREAM SIDE OF ALL STOCKPILED SOIL. TRENCHING ACROSS WET WEATHER CONVEYANCES TO BE DONE DURING NO FLOW CONDITIONS AND STABILIZED BY THE END OF THE WORK DAY.
3. UTILITY CROSSINGS FOR PERENNIAL STREAMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS, AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE UTILITIES IN THIS PROJECT IN REGARDS TO EROSION CONTROL AS WELL AS ALL WATER QUALITY PERMITS RECEIVED. THE UTILITY CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE WATER QUALITY PERMITS AND THE STORM WATER POLLUTION PREVENTION PLAN. THE UTILITY CONTRACTOR IS ONLY RESPONSIBLE FOR EROSION CONTROL MEASURES FOR UTILITY CONSTRUCTION THAT IS INCLUDED IN THE STATE CONTRACT WORK.
4. IT IS THE RESPONSIBILITY OF THE UTILITY CONTRACTOR TO PROTECT FROM EROSION EXPOSED EARTH RESULTING FROM HIS OPERATIONS AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM HIS WORK. PRIOR TO BEGINNING WORK, ADEQUATE MEASURES MUST BE IN PLACE TO TRAP ANY PROGRESSION OF HIS WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME SHALL EXPOSED EARTH RESULTING FROM HIS OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND BECOMING WATERS OF THE STATE.
5. FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE BUT NO LATER THAN 7 DAYS AFTER BACKFILLED. ANY TEMPORARY SPOIL PILE OF EXCAVATED EARTH SHALL BE LOCATED WITHIN THE INSTALLED TDOT RIGHT EROSION CONTROL MEASURES OR RECEIVE SEPARATE EROSION CONTROL MEASURES FROM THE APPROVED TDOT STANDARD DRAWINGS. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EROSION CONTROL MEASURES WILL BE INSTALLED BY THE UTILITY CONTRACTOR UNTIL SUCH TIME THE TRENCH IS BACKFILLED.
6. TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORM WATER RUNOFF TO CONCENTRATE AT THE TRENCHLINE. IF THIS IS ANTICIPATED ADDITIONAL EROSION CONTROL MEASURES (SUCH AS CHECK DAMS, HAY BALES, ETC. BLANKETS) SHALL BE INSTALLED FROM THE APPROVED TDOT STANDARD DRAWINGS.
7. FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE HIGHWAY RIGHT-OF-WAY, ADDITIONAL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. THESE EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL REMAIN UNTIL THE BACKFILLED TRENCH IS STABILIZED WITH FINAL VEGETATIVE COVER.
8. THE CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS (AS REQUIRED BY THE STATE).
9. THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EROSION CONTROL MEASURES TO REPLACE IN-PLACE CONTROL EROSION CONTROL MEASURES REMOVED TO FACILITATE THE INSTALLATION OF THE UTILITIES. REPLACEMENT EROSION CONTROL MEASURES WILL BE COORDINATED WITH THE STATE ENGINEER BEFORE COMMENCING WORK.

GENERAL NOTES:

1. PAVEMENT REPLACEMENT: TEMPORARY PAVEMENT REPLACEMENT SHALL BE APPLIED TO ALL PAVED SURFACES WITHIN AREAS TO BE PAVED BY THE HIGHWAY CONTRACTOR. PERMANENT PAVEMENT REPLACEMENT (HOT MIX) SHALL BE APPLIED OUTSIDE HIGHWAY CONSTRUCTION AREA.
2. CRUSHED STONE BACKFILL: CRUSHED STONE BACKFILL SHALL BE USED WHERE LINES ARE LOCATED UNDER EXISTING AND PROPOSED DRIVING SURFACES (ROAD, DRIVEWAYS, ETC.) GRADATION OF STONE SHALL BE APPROVED BY ENGINEER.
3. GAS SERVICE: CONTRACTOR SHALL MAINTAIN GAS SERVICE TO ALL CUSTOMERS AT ALL TIMES EXCEPT FOR BRIEF INTERRUPTIONS DURING CONNECTIONS.
4. CONTRACTOR NOTE: CONTRACTOR IS REMINDED THAT HIGHWAY CONSTRUCTION AND OTHER UTILITY RELOCATIONS WILL BE IN PROGRESS DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE HIS WORK WITH OTHER CONTRACTORS, CITY OF GALLATIN AND OTHER UTILITIES.

   TELEPHONE
   AT & T
   600 12th AVE. SOUTH
   NASHVILLE, TN 37203
   M.HY. HAMILTON (615) 781-4763

   POWER
   CUMBERLAND ELECTRIC MEMBERSHIP
   1940 MADISON STREET
   CLARKSVILLE, TN 37043
   JAMES COODE (931) 645-2481

   WATER/SEWER/GAS
   GALLATIN PUBLIC UTILITIES
   239 HANCOCK STREET
   GALLATIN, TN 37066
   DAVID GREGORY (615) 451-5922

   CABLE TV
   COMCAST
   660 MAINSTREAM DRIVE
   NASHVILLE, TN 37228
   JEFF BRAKE (615) 224-7462

   ELECTRIC
   TN VALLEY AUTHORITY
   1195 ANTIOCH PIKE
   NASHVILLE, TN 37211
   ANDY TODD (615) 781-4763

   A CONSTRUCTION SEQUENCE SCHEDULE SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TOT CITY OF GALLATIN FOR THEIR APPROVAL. PARTICULAR ATTENTION SHALL BE GIVEN TO TIE-INS, SERVICE CONNECTIONS AND RETIREMENT OF FACILITIES.
5. CONTRACTOR NOTE: ALL RELOCATION PLANS HAVE BEEN DEVELOPED FROM HIGHWAY PLANS FURNISHED BY THE TENNESSEE DEPARTMENT OF TRANSPORTATION. CONTRACTOR TO VERIFY WITH THE STATE THE LOCATION AND ELEVATIONS OF PROPOSED FACILITIES AND ADJUST. ANY TEMPORARY SERVICE CONNECTIONS WILL BE THE CONTRACTORS RESPONSIBILITY AND EXPENSE.
6. ALL GAS LINES SHALL HAVE A MINIMUM OF THIRTY-SIX INCHES (36") OF COVER. PROVIDE FORTY-EIGHT INCHES (48") OF COVER UNDER ROADWAYS AND DITCHES UNLESS OTHERWISE NOTED.
7. AFTER ALL NEW GAS LINES ARE TESTED, DISINFECTED AND PLACED IN SERVICE; THE EXISTING LINE TO BE RETIRED SHALL BE CAPPED AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER.
8. CONTRACTOR SHALL ADJUST ALL METER BOXES, VALVE BOXES, ETC. AFTER HIGHWAY CONTRACTOR COMPLETES FINAL GRADING. CONCRETE COLLARS AROUND VALVE BOXES SHALL BE POURED AT THIS TIME.
9. CONTRACTOR TO VERIFY ALL LINE SIZES ON SIDE ROADS IN FIELD PRIOR TO ORDERING FITTINGS FOR TIE-OVERS, ADJUSTMENTS WILL BE MADE ACCORDINGLY.
10. ALL VALVES AND OTHER SALVAGEABLE MATERIALS TO REMAIN THE PROPERTY OF GALLATIN PUBLIC UTILTIES.
11. CONTRACTOR TO OBTAIN APPROVAL FROM T.D.O.T. AND SUMNER COUNTY HIGHWAY DEPARTMENT FOR ALL HIGHWAY CROSSINGS. SAFETY PROCEDURES AND ALL ACTIVITIES SHALL CONFORM TO T.D.O.T. STANDARDS AND CONDITIONS.
12. CONTRACTOR TO CONSTRUCT FACILITIES PRIOR TO GRADING UNLESS OTHERWISE DIRECTED.
13. CONTRACTOR SHALL FURNISH ALL SURVEYING PERSONNEL TO ENSURE PROPER LOCATION AND DEPTH OF LINE IN ACCORDANCE WITH THESE PLANS AND ONLY MAKE CHANGES OR MODIFICATIONS NEEDED TO AVOID CONFLICT WITH ROAD CONSTRUCTION.
14. SOIL EROSION: THE CONTRACTOR SHALL ADHERE TO ALL CONTROL MEASURES AS REQUIRED BY FEDERAL, STATE AND LOCAL AGENCIES DURING THE LIFE OF THIS PROJECT TO CONTROL EROSION AND WATER POLLUTION. THE CONTRACTOR SHALL DEVELOP AN EROSION CONTROL PLAN AND OBTAIN ACCEPTANCE FROM THE TENNESSEE DEPARTMENT OF TRANSPORTATION AND THE ENGINEER. CONTRACTOR SHALL APPLY FOR A STORM WATER POLLUTION PREVENTION PERMIT FROM THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC), DIVISION OF WATER POLLUTION CONTROL, 6th FLOOR, L & C ANNEX, 401 CHURCH STREET, NASHVILLE, TN 37243-1534.
15. RECONNECT GAS SERVICES AT PROPERTY LINE.
16. THE CONTRACTOR SHALL DEMOLISH AND REMOVE ANY WATER AND/OR SEWER FACILITIES THAT ARE FIXED TO BRIDGE STRUCTURES AFTER THEY HAVE BEEN ABANDONED AND NEW WATER AND/OR SEWER FACILITIES ARE IN SERVICE. IN SUCH A CASE WHERE ABANDONED OR RETIRED FACILITIES ARE SHOWN IN GROUND WITHIN THE CONSTRUCTION LIMITS, THE UTILITY WILL DEFAULT TO TDOT WITH REGARDS TO THE NECESSITY FOR ANY DEMOLITION AND REMOVAL OF ANY ABANDONED OR RETIRED FACILITIES UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS.
17. WHERE NO PROFILE IS PROVIDED, CONTRACTOR SHALL VERIFY FINAL GRADE AND LINE SHALL BE INSTALLED TO MAINTAIN THE REQUIRED MINIMUM COVER AT FINAL GRADE.

ESTIMATED GAS LINE QUANTITIES

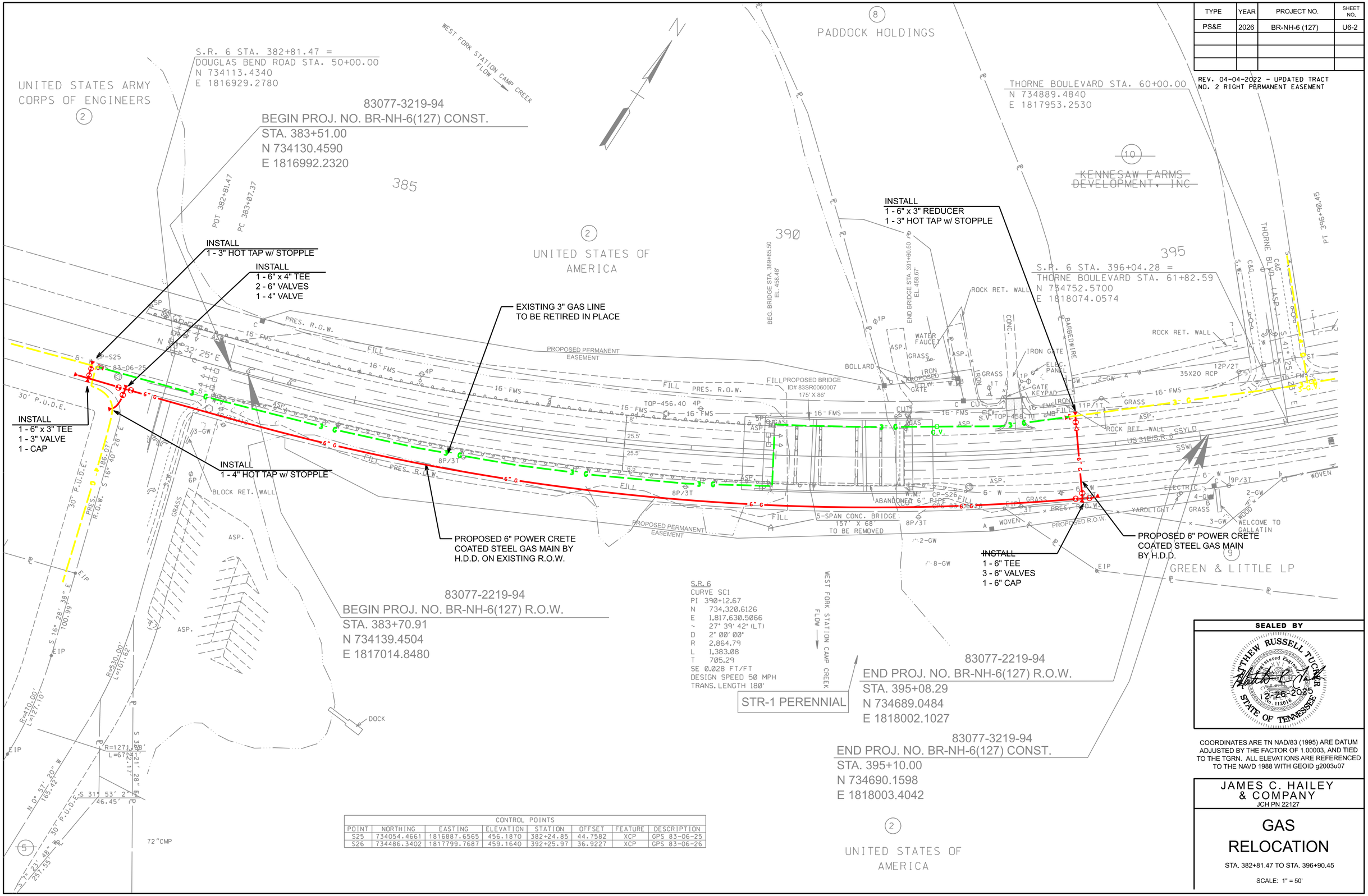
ITEM NO.	DESCRIPTION	UNIT	QUAN.	% UTILITY	% PROJECT	FOOTNOTE
791-01.03	3IN STEEL GAS MAIN	L.F.	20	100.00%	0.00%	1
791-01.04	4IN STEEL GAS MAIN	L.F.	30	100.00%	0.00%	1
791-01.05	6IN STEEL GAS MAIN	L.F.	50	80.00%	0.00%	1
791-01.27	6IN PWRCRETE STL GAS MN - HDD ROCK	L.F.	1200	80.00%	0.00%	
791-07.11	6IN STEEL GAS VALVE ASSEMBLY	EACH	4	80.00%	0.00%	5
791-07.10	4IN STEEL GAS VALVE ASSEMBLY	EACH	1	100.00%	0.00%	5
791-06.32	CONNECT TO 4IN EX. STL MAIN W/ STOPPLE	EACH	1	100.00%	0.00%	4
791-06.38	CONNECT TO 3IN EX. STL MAIN W/ STOPPLE	EACH	2	100.00%	0.00%	4
791-09.07	RESTORE GRAVEL	S.Y.	100	100.00%	0.00%	
791-10.10	RETIRE GAS MAIN	LS.	1	100.00%	0.00%	

JAMES C. HAILEY & COMPANY
JCH PN 22127

GAS RELOCATION
ESTIMATED QUANTITIES AND GENERAL NOTES
SCALE: NONE

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6 (127)	U6-2

REV. 04-04-2022 - UPDATED TRACT NO. 2 RIGHT PERMANENT EASEMENT



CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET	FEATURE	DESCRIPTION
S25	734054.4661	1816887.6565	456.1870	382+24.85	44.7582	XCP	GPS 83-06-25
S26	734486.3402	1817799.7687	459.1640	392+25.97	36.9227	XCP	GPS 83-06-26

SEALED BY

MATTHEW RUSSELL TUCKER
Registered Engineer
No. 112016
STATE OF TENNESSEE
12-26-2025

COORDINATES ARE TN NAD/83 (1995) ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003, AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07

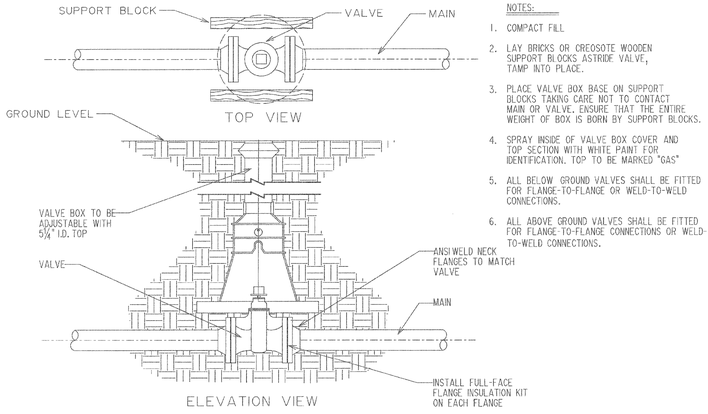
JAMES C. HAILEY & COMPANY
JCH PN 22127

GAS RELOCATION

STA. 382+81.47 TO STA. 396+90.45

SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6 (127)	U6-3

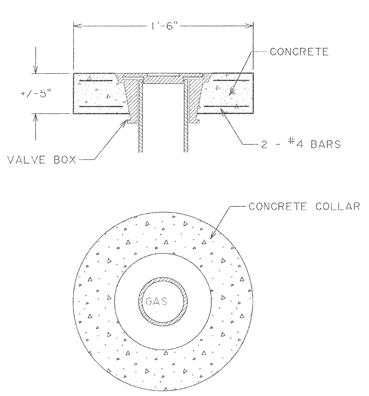


NOTES:

1. COMPACT FILL
2. LAY BRICKS OR CREOSOTE WOODEN SUPPORT BLOCKS ASTRIDE VALVE, TAMP INTO PLACE.
3. PLACE VALVE BOX BASE ON SUPPORT BLOCKS TAKING CARE NOT TO CONTACT MAIN OR VALVE. ENSURE THAT THE ENTIRE WEIGHT OF BOX IS BORN BY SUPPORT BLOCKS.
4. SPRAY INSIDE OF VALVE BOX COVER AND TOP SECTION WITH WHITE PAINT FOR IDENTIFICATION. TOP TO BE MARKED "GAS"
5. ALL BELOW GROUND VALVES SHALL BE FITTED FOR FLANGE-TO-FLANGE OR WELD-TO-WELD CONNECTIONS.
6. ALL ABOVE GROUND VALVES SHALL BE FITTED FOR FLANGE-TO-FLANGE CONNECTIONS OR WELD-TO-WELD CONNECTIONS.

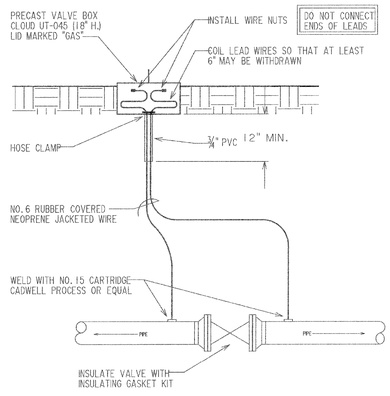
VALVE & VALVE BOX DETAILS

NO SCALE



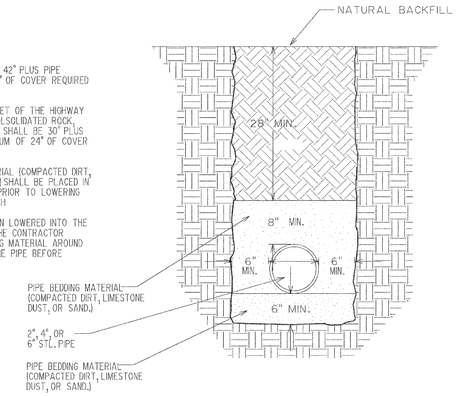
VALVE BOX DETAILS

NO SCALE



CATHODIC TEST STATION AT INSULATED VALVES

NO SCALE

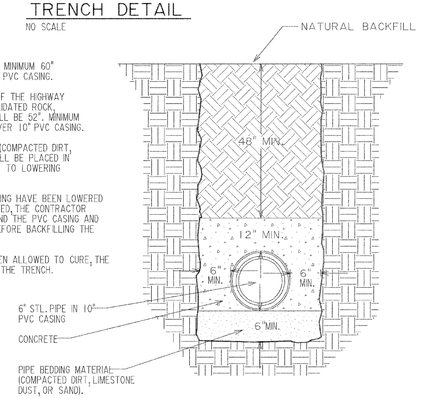


NOTES:

1. MINIMUM DEPTH SHALL BE 42" PLUS PIPE DIAMETER. MINIMUM OF 36" OF COVER REQUIRED OVER PIPE.
2. IF TRENCH IS WITHIN 7 FEET OF THE HIGHWAY RIGHT-OF-WAY AND IN COLSOLIDATED ROCK, THEN THE MINIMUM DEPTH SHALL BE 30" PLUS THE PIPE DIAMETER. MINIMUM OF 24" OF COVER REQUIRED OVER PIPE.
3. 6" OF PIPE BEDDING MATERIAL (COMPACTED DIRT, LIMESTONE DUST, OR SAND) SHALL BE PLACED IN TRENCH AND COMPACTED PRIOR TO LOWERING THE PIPE INTO THE TRENCH
4. AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH AND INSPECTED, THE CONTRACTOR SHALL PLACE PIPE BEDDING MATERIAL AROUND THE PIPE AND 8" OVER THE PIPE BEFORE BACKFILLING THE TRENCH.

TRENCH DETAIL

NO SCALE

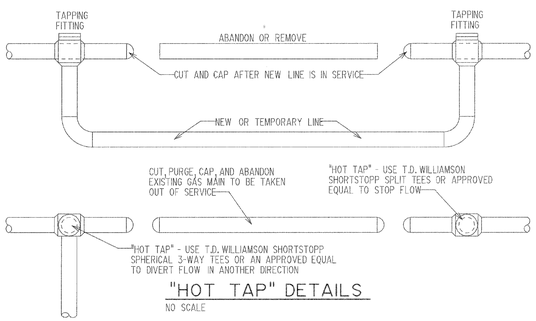


NOTES:

1. MINIMUM DEPTH SHALL BE 76", MINIMUM 60" OF COVER REQUIRED OVER 10" PVC CASING.
2. IF TRENCH IS WITHIN 7 FEET OF THE HIGHWAY RIGHT-OF-WAY AND IN COLSOLIDATED ROCK, THEN THE MINIMUM DEPTH SHALL BE 52", MINIMUM OF 36" OF COVER REQUIRED OVER 10" PVC CASING.
3. 6" OF PIPE BEDDING MATERIAL (COMPACTED DIRT, LIMESTONE DUST, OR SAND) SHALL BE PLACED IN TRENCH AND COMPACTED PRIOR TO LOWERING THE PIPE INTO THE TRENCH
4. AFTER THE PIPE AND PVC CASING HAVE BEEN LOWERED INTO THE TRENCH AND INSPECTED, THE CONTRACTOR SHALL PLACE CONCRETE AROUND THE PVC CASING AND 12" OVER THE PVC CASING BEFORE BACKFILLING THE TRENCH.
5. AFTER THE CONCRETE HAS BEEN ALLOWED TO CURE, THE CONTRACTOR SHALL BACKFILL THE TRENCH.

CREEK TRENCH DETAIL

NO SCALE



"HOT TAP" DETAILS

NO SCALE

GENERAL NOTES:

1. NON-PAY ITEMS: ONLY ITEMS SHOWN ON THE BID AS PAY ITEMS WILL BE PAID FOR. COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND INCIDENTALS FOR THE ENTIRE CONTRACT SHALL BE INCLUDED IN THE PRICE BID FOR PAY ITEMS.
2. NO ITEM QUANTITIES IN BIDDERS PROPOSAL WILL BE ADJUSTED AFTER RECEIPT OF BIDS, UNLESS CONCURRED BY OWNER. CONTRACTOR IS ENCOURAGE TO CHECK QUANTITIES IN BIDDERS PROPOSAL PRIOR TO SUBMITTING BID. ANY DISCREPANCIES FOUND BY THE CONTRACTOR SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER AS SOON AS POSSIBLE AND IN ALL CASES PRIOR TO THE OPENING OF BIDS.
3. NOTHING IN THE GENERAL NOTES OR SPECIFICATIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.
4. CONTRACTOR WILL GIVE AFFECTED PROPERTY OWNERS TWO WEEKS NOTICE PRIOR TO CUTTING FENCES.
5. THE CONTRACTOR AT THE CONTRACTORS EXPENSE WILL CORRECT ANY DAMAGE TO PROPERTY, INCLUDING FENCES, TO THE SATISFACTION OF THE PROPERTY OWNERS.
6. THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE. ONLY EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR, WHO AT A MINIMUM, WILL CONTACT THE UTILITY COMPANIES INVOLVED.
7. UNLESS OTHERWISE NOTED, THE UTILITY OR ITS REPRESENTATIVE WILL PERFORM ALL UTILITY ADJUSTMENTS. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO CO-OPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT.
8. 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.
9. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONTACTING ALL AFFECTED UTILITIES PRIOR TO BEGINNING WORK IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF THE WORK FOR THE PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. WHILE SOME WORK MAY BE REQUIRED "AROUND" UTILITY FACILITIES THAT WILL REMAIN IN PLACE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR WILL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVIENCE CAUSED BY THE UTILITY ADJUSTMENTS.
10. 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 UTILITIES ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY.
11. LOCATION OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY AND IN NO WAY RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF CONTACTING ANY AND ALL UTILITIES LOCATED NEAR THE PROJECT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT ALL UTILITY OWNERS TWO WEEKS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS IN THE AREAS OF CONSTRUCTION.
12. TRAFFIC CONTROL: THE CONTRACTOR SHALL PROVIDE ADEQUATE SIGNS AND/OR BARRICADES REQUIRED TO PROVIDE FOR THE TRAVELING PUBLIC. TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)" ALL COST IS TO BE INCLUDED IN OTHER ITEMS OF WORK.
13. POLLUTION CONTROL: THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO CONTROL EROSION AND WATER POLLUTION THROUGH THE CONTROL EROSION AND WATER POLLUTION THROUGH THE CONSTRUCTION PERIOD. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE EARTH MOVING OPERATIONS BEGIN. CLEARING AND GRUBBING SHALL BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMADATE PIPELINE EASEMENT. EMBANKMENTS AND EXCAVATED AREAS WILL BE PROMPTLY STABILIZED TO MINIMIZE EROSION. BALED STRAW EROSION CHECK SHALL BE USED ALONG THE TOE OF FILL SLOPES, IN DITCHES, OR ANY OTHER AREAS WHERE EROSION IS A PROBLEM AND SILT DUE TO RUN OFF MIGHT ENTER THE STREAM OR ADJACENT PROPERTY.
14. SEEDING AND SODDING: ALL AREAS DISTURBED BY THE CONTRACTOR, INCLUDING LAWN AREAS, ARE TO BE SEEDED AND MULCHED IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF TRANSPORTATION, BUREAU OF HIGHWAY SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, ITEM NO. 801-01. SEEDING AND SODDING WILL INCLUDE SITE CLEAN-UP AND WILL BE COMPLETED TO SATISFACTION OF OWNER.
15. CONTRACTOR SHALL SHORE AND BRACE ALL OPEN CUT TRENCHES AS REQUIRED BY STATE AND FEDERAL LAWS AND LOCAL ORDINANCES: TO CONFORM TO RECOMMENDATIONS SET FORTH IN AGC MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION: TO PROTECT LIFE, PROPERTY OR WORK: TO AVOID EXCESSIVELY WIDE CUTS IN UNSTABLE MATERIAL.
16. OSHA RULES SHALL BE ABIDED BY.
17. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED LOCAL AGENCIES (I.E. BOARD OF EDUCATION, FIRE DEPT., POLICE DEPTS, OTHER GAS DEPTS., ELECTRICAL DEPTS., WATER DEPTS., ETC.) CONCERNED TO IDENTIFY WORK SCHEDULE, LOCATION OF WORK, ETC. THE CONTRACTOR SHALL COOPERATE WITH OTHER AGENCIES TO RESOLVE ANY CONFLICTS IN A SAFE AND EXPEDITIOUS MANNER.

JAMES C. HAILEY & COMPANY
Consulting Engineers
Franklin, Tennessee 37067
PH: 615-883-4933 FAX: 615-883-4937
www.jchengr.com

MATTHEW RUSSELL TUCKER — Registered Engineer — No. 112018 — STATE OF TENNESSEE — 12-19-2025

GALLATIN PUBLIC UTILITIES
Sumner County, Tennessee

UTILITIES RELOCATION
GAS
STANDARD DETAILS

DESIGN	DRAWN	CHECKED	DATE	SCALE	PROJECT NO.
MRT	LLB	MRT	DEC 2025	1" = 50'	22127

SHEET U6-3

INDEX OF DRAWINGS

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U7-04 TELECOMMUNICATIONS RELOCATION STA. 382+81.47 TO STA. 396+90.45
U7-05 TELECOMMUNICATIONS RELOCATION CONSTRUCTION DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U7-01
		83077-3219-94	

SUMNER COUNTY
PIN# 124722.00

ESTIMATED QUANTITIES

	ITEM NO.	TDOT DESCRIPTION	UTILITY UNIT DESCRIPTION	UNIT	QUANTITY	PERCENT UTILITY	PERCENT PROJECT
	790-32.23	GUY GUARD		EACH	4	0%	100%
	790-74.31	FIBER TANGENT ASSM	SUS	EACH	2	0%	100%
	790-74.33	FIBER DOUBLE DEADEND ASSM	DDE	EACH	3	0%	100%
(2)	790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS		EACH	5	0%	100%
	798-05.04	1/4IN EHS STEEL STRAND		L.F.	1084	0%	100%
	798-05.27	COMMUNICATION ASSEMBLY(BOND)	F-M-A1	EACH	2	0%	100%
(1)	798-05.32	COMMUNICATION ASSEMBLY(DDE)	F-M-A4	EACH	3	0%	100%
	798-05.34	COMMUNICATION ASSEMBLY(E1-2)	F-M-E3-5	EACH	4	0%	100%
	798-08.06	TRANSFER FIBEROPTIC CABLE		EACH	10	0%	100%
	798-09.01	REMOVE STEEL STRAND		L.F.	1084	0%	100%
	798-09.03	REMOVE POLES, GUYS, ANCHORS		EACH	4	0%	100%
	798-09.08	REMOVE STRAND POLE FRAMING		EACH	5	0%	100%

FOOTNOTES:

1. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO SETUP, TRAFFIC CONTROL, AND BONDING/GROUNDING. LOOPS INCLUDED.

2. INCLUDES CROSSARMS, TRANSFORMERS, SWITCHES, ETC.

811 Know what's below. Call 811 before you dig.

GREGORY K. POSTON
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 100943
STATE OF TENNESSEE
03/16/2026

CEMC CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.39
DESIGNED:	BBG
DRAWN:	MAS
CHECKED:	GKP
SCALE	DATE
N.T.S	03.13.2026

Gresham Smith
222 SECOND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
615.770.8100

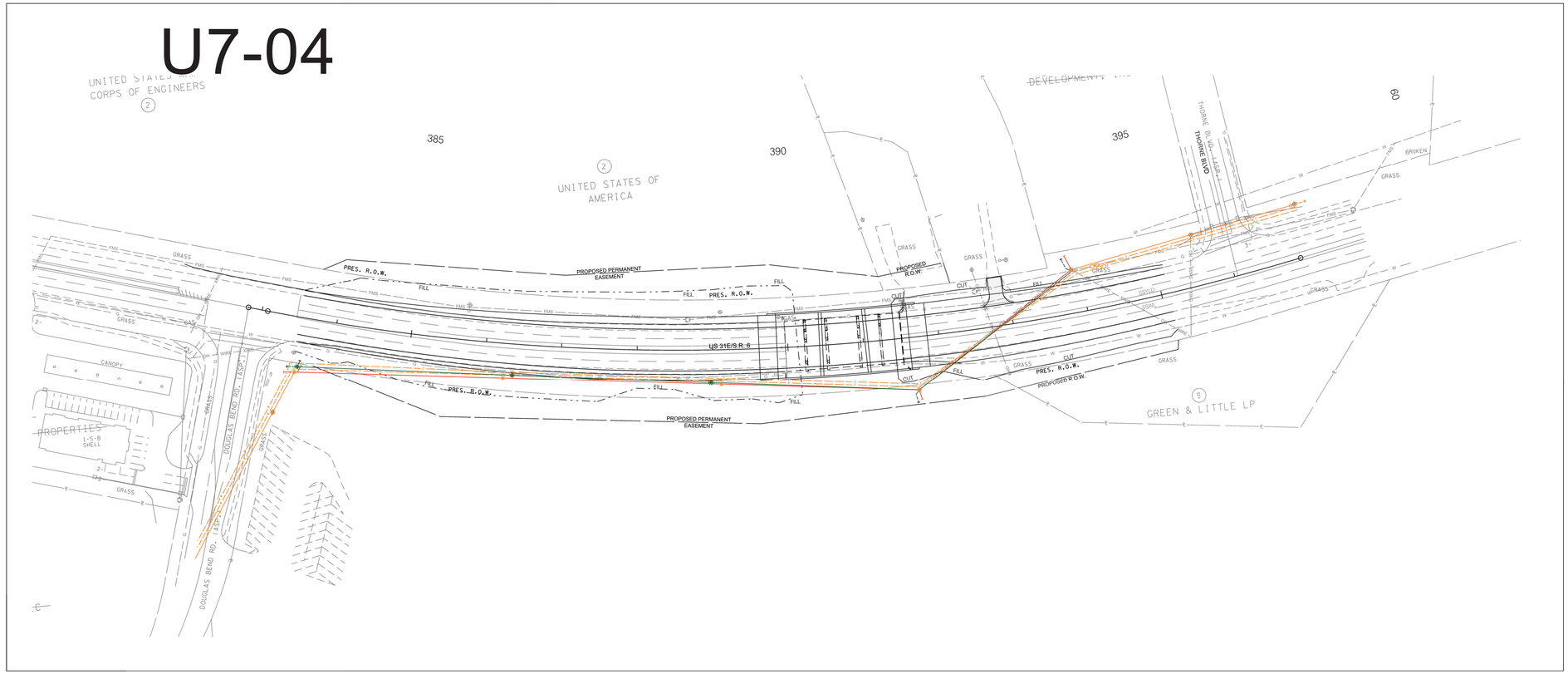
TELECOMMUNICATIONS RELOCATION
ESTIMATED QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U7-02
		83077-3219-94	

SUMNER COUNTY
PIN# 124722.00

SUMNER COUNTY

NASHVILLE PIKE
STATE PROJECT #: 83077-3219-94 COUNTY: SUMNER
FEDERAL PROJECT#: BR-NH-6(127) PIN: 124722.00



LEGEND

- REMOVE FIBER OPTIC CABLE
- PROPOSED FIBER OPTIC CABLE
- EXISTING FIBER OPTIC LOOP
- REMOVAL DOWN GUY/ACNHOR
- PROPOSED DOWN GUY/EXISTING ANCHOR
- EXISTING POLE/POLE PLACED BY OTHERS
- REMOVAL POLE
- EXISTING FIBER OPTIC CABLE
- REMOVE 1/4" EHS STRAND
- PROPOSED 1/4" EHS STRAND

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GREGORY K. POSTON
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 100943
STATE OF TENNESSEE
03/16/2026

CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.39
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N.T.S.	03.13.2026

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TELECOMMUNICATIONS RELOCATION
VICINITY MAP AND LEGEND

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U7-03
		83077-3219-94	

SUMNER COUNTY
PIN# 124722.00

GENERAL CONSTRUCTION NOTES

1. THE FOLLOWING INFORMATION APPLIES TO THE UTILITY CONTRACTOR RESPONSIBLE FOR THE RELOCATION OF THE COMMUNICATION FACILITIES ALONG THIS PROJECT.

2. ANY DEVIATION OF THE CONDITIONS LISTED MUST BE APPROVED BY THE UTILITY PRIOR TO THE DEVIATION TAKING PLACE ON THE PROJECT. FAILURE BY THE UTILITY CONTRACTOR OR SUBCONTRACTORS TO FOLLOW THESE CONDITIONS AS LISTED WILL RESULT IN REFUSAL OF ACCEPTANCE BY THE UTILITY OWNER TO ACCEPT THE PROJECT AT ITS COMPLETION UNTIL SUCH TIME AS ANY DEFICIENCIES ARE CORRECTED TO THE SATISFACTION OF THE UTILITY.

3. ALL WORK SHALL BE DONE IN A SAFE, THOROUGH AND WORKMAN-LIKE MANNER IN ACCORDANCE WITH THE PLAN SHEETS, CONSTRUCTION DETAILS AND TECHNICAL SPECIFICATIONS AS WELL AS ANY AND ALL APPLICABLE SAFETY CODES, INCLUDING, BUT NOT LIMITED TO, THE NATIONAL ELECTRICAL SAFETY CODE (NESC), AND ANY OTHER STATE AND LOCAL CODES THAT ARE REQUIRED FOR THE TYPE OF UTILITY RELOCATION THAT IS BEING PERFORMED AS PART OF THIS CONTRACT.

4. THE UTILITY CONTRACTOR SHALL EXERCISE ALL STANDARD SAFETY PRACTICES WHEN WORKING AROUND ENERGIZED ELECTRICAL LINES (e.g. RUBBER GLOVES INSPECTIONS, GROUNDING OF LINES AND VEHICLES / EQUIPMENT, TOOL INSPECTIONS, ADEQUATE SUPERVISION, ETC.).

5. THE UTILITY CONTRACTOR SHALL BEAR THE RESPONSIBILITY FOR THE SAFETY OF ITS EMPLOYEES AND SHALL ENSURE THAT THEY ABIDE BY ALL STATE, FEDERAL AND LOCAL REGULATIONS REGARDING SAFE WORK PRACTICES. IF SUCH REGULATIONS ARE VIOLATED, THE UTILITY OWNER SHALL MAINTAIN THE RIGHT TO STOP WORK ON THEIR FACILITIES UNTIL SUCH CONDITIONS ARE CORRECTED.

6. IN GENERAL, THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, METHODS, AND/OR INTEGRAL MATERIALS OUTLINED IN THE UTILITY CONSTRUCTION DRAWINGS AND THE TECHNICAL SPECIFICATIONS THAT ARE NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONAL INSTALLATION OF THE UTILITY FACILITIES BEING RELOCATED.

7. UTILITY CONSTRUCTION DRAWINGS ARE INCLUDED AS PART OF THE DRAWING PACKET AND MUST BE ADHERED TO DURING ALL PHASES OF CONSTRUCTION.

8. ALL MATERIALS TO BE USED BY THE UTILITY CONTRACTOR ON THE PROJECT MUST BE NEW MATERIALS AND MUST BE APPROVED BY THE UTILITY OWNER PRIOR TO PURCHASE OR USE. A PROPOSED LIST OF MATERIALS SHALL BE SUBMITTED TO THE UTILITY OWNER AS NOTED IN THE TECHNICAL SPECIFICATIONS FOR THE PROJECT. NO MATERIAL SUBSTITUTIONS ARE ALLOWED WITHOUT THE PRIOR CONSENT OF THE UTILITY OWNER. STORAGE LOCATION OF MATERIALS ON THE PROJECT SITE MUST BE A SECURE ENVIRONMENT. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR ANY LOST, STOLEN OR DAMAGED MATERIALS ON THE PROJECT.

9. THE UTILITY CONTRACTOR IS REQUIRED TO MAINTAIN COMMUNICATION WITH THE UTILITY OWNER'S PROJECT REPRESENTATIVE USING TELEPHONE COMMUNICATIONS.

10. THE UTILITY CONTRACTOR IS TO PERFORM ALL REQUIRED WORK IN SUCH A MANNER AS TO NOT CAUSE UNINTENTIONAL OUTAGES TO THE CUSTOMERS ALONG THE PROJECT. ALL PLANNED OUTAGES MUST BE HANDLED IN ACCORDANCE WITH SECTION 01 1113 "SUMMARY OF WORK" IN THE CONSTRUCTION TECHNICAL SPECIFICATIONS. LARGE SCALE OUTAGES ARE NOT ALLOWED.

11. IF FIELD CONDITIONS ARISE WHICH PREVENT THE CONSTRUCTION ON THE PROJECT FROM PROCEEDING AS DESIGNED, THE UTILITY CONTRACTOR WILL COORDINATE WITH THE UTILITY OWNER / ENGINEER TO RESOLVE THE ISSUES SO THAT CONSTRUCTION CAN CONTINUE.

12. THE UTILITY CONTRACTOR SHALL COMPLY WITH ALL TDOT REGULATIONS, PERMITS AND TRAFFIC CONTROL GUIDELINES AS REQUIRED.

13. THE LOCATIONS OF EXISTING UTILITIES SHOWN WITHIN THESE DRAWINGS ARE BASED ON INFORMATION PROVIDED BY TDOT, AND SHALL BE VERIFIED BY THE UTILITY CONTRACTOR PRIOR TO CONSTRUCTION. THE UTILITY CONTRACTOR SHALL NOTIFY EACH UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES AND REQUEST THAT THE UTILITY OWNERS PROPERLY LOCATE AND MARK THEIR PERSPECTIVE UTILITY ON THE GROUND.

14. THE UTILITY CONTRACTOR SHALL REQUEST UTILITY LOCATIONS A MINIMUM OF THREE (3) BUSINESS DAYS PRIOR TO BEGINNING ANY CONSTRUCTION IN THE AREA OF THE UTILITIES IN QUESTION.

15. THE TDOT PRIME CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE EXISTING UNDERGROUND UTILITIES. THE PRIME CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY EXISTING UTILITY OWNER PRIOR TO DIGGING. IN THE EVENT THAT THERE IS ANY DAMAGE TO OR INTERRUPTION OF EXISTING FACILITIES, THE PRIME CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED FROM THE EVENT.

16. SOME EXISTING UTILITIES CAN BE LOCATED BY CALLING TENNESSEE ONE-CALL SYSTEMS, INC. AT "811".

17. THE UTILITY CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING THE CONSTRUCTION OF THE PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND EXISTING UTILITIES, THE UTILITY CONTRACTOR SHALL BE REQUIRED TO FURNISH THE EQUIPMENT NECESSARY TO COMPLETE THE WORK.

18. THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY ITS EMPLOYEES IN AREAS OUTSIDE OF TDOT ROW ALONG THE LENGTH OF THE PROJECT. THE UTILITY CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR RESOLVING ALL COMPLAINTS THAT MAY ARISE FROM ITS ACTIVITIES, AND SHALL PROMPTLY REPORT SUCH COMPLAINTS TO THE UTILITY OWNER AS TO WHETHER OR NOT IT HAS BEEN RESOLVED.

19. GROUND AND AERIAL INSPECTION OF INSTALLED FACILITIES ONCE COMPLETED SHALL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. ANY CORRECTIONS THAT ARE REQUIRED SHALL BE DONE DURING THE CONSTRUCTION OF THE PROJECT AND VERIFIED BY THE UTILITY OWNER / ENGINEER. THE UTILITY OWNER WILL HAVE INSPECTORS ON-SITE TO VERIFY SAFETY AND QUALITY OF WORK IS CONSISTENT WITH UTILITY OWNER'S STANDARDS.

20. WHILE SOME WORK MAY ONLY BE REQUIRED "AROUND" OTHER UTILITY FACILITIES, SOME WORK MAY NEED TO BE DONE CONCURRENTLY WITH THE OPERATIONS OF OTHER UTILITY CONTRACTORS. IT IS THE RESPONSIBILITY OF THE TDOT PRIME CONTRACTOR TO ENSURE THAT ALL UTILITY COORDINATION BE ADDRESSED DURING THE CONSTRUCTION OF THE PROJECT.

21. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL FACILITIES INDICATED WITHIN THESE DRAWINGS AT "FINAL GRADE" AS SHOWN. ANY TEMPORARY INSTALLATIONS THAT ARE NOT SPECIFICALLY NOTED WITHIN THESE DRAWINGS AND THAT ARE NOT ADDRESSED AND COORDINATED PRIOR TO CONSTRUCTION OF THE PROJECT WILL BE THE RESPONSIBILITY OF THE TDOT PRIME CONTRACTOR.

22. CONSTRUCTION OF RELOCATED FACILITIES IS NOT CONSIDERED TO BE COMPLETE UNTIL THE UTILITY CONTRACTOR HAS ENERGIZED THE FACILITIES IN ACCORDANCE WITH UTILITY OWNER SPECIFICATIONS.

23. PERSONNEL CHANGES ARE TO BE KEPT TO A MINIMUM DURING THE CONSTRUCTION OF THE PROJECT AS TO REDUCE UNFAMILIAR PERSONNEL TO BE WORKING ON THE FACILITIES OF THE UTILITY OWNER.

24. THE TDOT PRIME CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF ALL UTILITY FACILITIES THAT ARE TO BE RELOCATED WITHIN THE PROJECT.

25. WHERE EROSION CONTROL MEASURES ARE NEEDED FOR THE UTILITY WORK OCCURRING OUTSIDE THE STATE RIGHT-OF-WAY, THE UTILITY CONTRACTOR SHALL SUBMIT A PROPOSED EROSION AND SEDIMENT CONTROL PLAN TO THE TDOT PROJECT SUPERVISOR FOR APPROVAL PRIOR TO BEGINNING WORK.

26. THE DISTANCES THAT ARE SHOWN ON THE DRAWINGS ARE HORIZONTAL DISTANCES ONLY, AND DO NOT ALLOW FOR ANY CHANGES IN ELEVATION THAT EXIST ALONG THE PROJECT.

27. ALL ACTIVE AND PASSIVE EQUIPMENT SHALL BE PROVIDED BY THE UTILITY OWNER. THE LABOR COST, AND MINOR MATERIALS REQUIRED TO INSTALLL THESE UNITS SHALL BE INCLUDED IN THE BID FROM THE UTILITY CONTRACTOR.

28. LOCKNUTS SHALL BACK UP ALL NUTS ON THREADED BOLTS SUCH AS MACHINE BOLTS, ETC. EXISTENCE OF LOCKNUTS WILL BE CLOSELY EXAMINED BY THE UTILITY OWNER DURING CONSTRUCTION. BOLTS SHALL NOT EXTEND MORE THAN TWO (2) INCHES FROM NUTS.

29. ANCHORS THAT ARE TO BE RETIRED SHALL HAVE THE ROD UNSCREWED AND REMOVED, OR BE CUT OFF AT LEAST EIGHTEEN (18) INCHES BELOW FINAL GRADE.

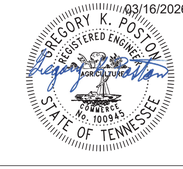
30. THE UTILITY CONTRACTOR SHALL PROVIDE THE UTILITY OWNER WITH ONE (1) SET OF CLEAN, CLEARLY MARKED "AS-BUILT" DRAWINGS AT THE COMPLETION OF THE PROJECT. THESE DRAWINGS SHALL REFLECT ANY AND ALL CHANGES THAT WERE MADE TO THE FACILITIES DURING CONSTRUCTION.

31. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONSTRUCTION DRAWINGS AND TECHNICAL SPECIFICATIONS FOR THE RELOCATION OF FACILITIES PRIOR TO BIDDING THE PROJECT. ANY QUESTIONS CONCERNING INFORMATION SHOWN IN THE CONTRACT DOCUMENTS SHALL BE ADDRESSED TO THE UTILITY OWNER / ENGINEER PRIOR TO BIDDING ON THE PROJECT.

32. UTILITY CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTING EACH REEL OF CABLE FOR THE PROJECT. ANY DAMAGE TO THE CABLE SHALL BE REMOVED AND SPLICED AS REQUIRED. ALL CABLES SHALL BE PROTECTED FROM EQUIPMENT OR VEHICLE TRAFFIC WHILE BEING INSTALLED.

33. ANY CUSTOMER OUTAGES FOR CUTOVER TO NEW CABLES MUST BE COORDINATED WITH AND SCHEDULED BY UTILITY OWNER. SCHEDULED CUSTOMER OUTAGES REQUIRE A MINIMUM OF 14 DAYS FOR NOTIFICATION.

811 Know what's **below.** **Call 811** before you dig.



CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.39
DESIGNED:	BBG
DRAWN:	MAS
CHECKED:	GKP
SCALE	DATE
N.T.S.	03.13.2026

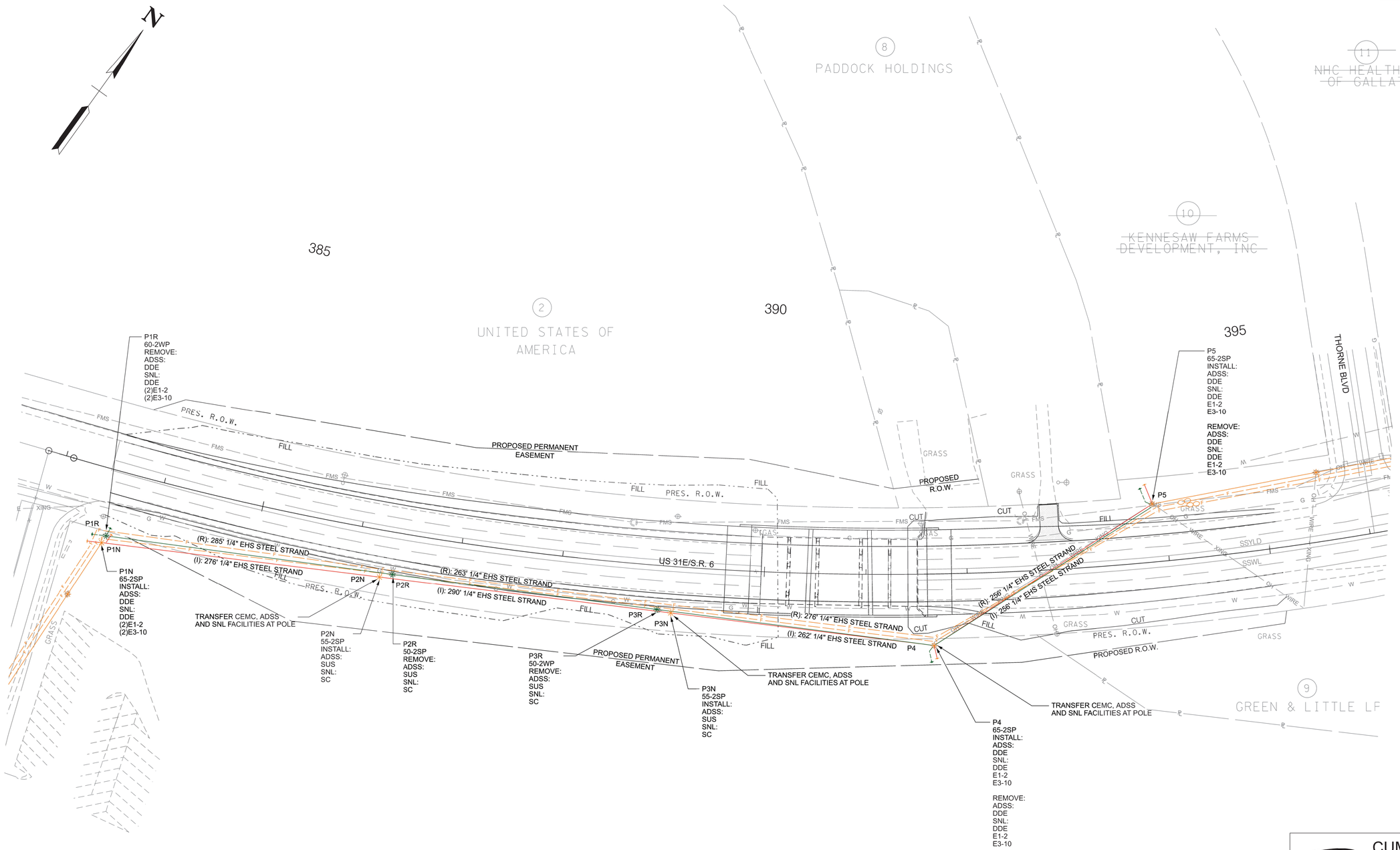
Gresham Smith

222 SECOND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
615.770.8100

TELECOMMUNICATIONS RELOCATION GENERAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U7-04
		83077-3219-94	

SUMNER COUNTY
PIN# 124722.00



811
Know what's below.
Call 811 before you dig.

03/16/2026

GREGORY K. POSTON
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 100945
STATE OF TENNESSEE

CEMP
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

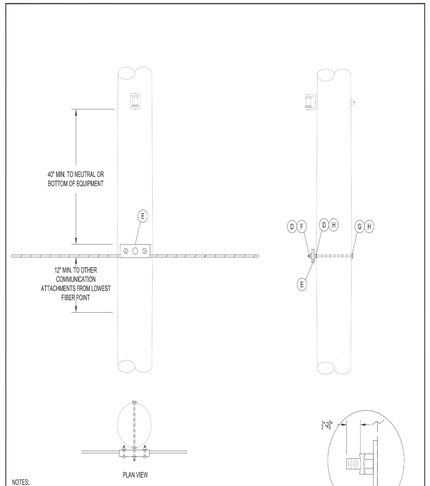
JOB NUMBER:	29766.39
DESIGNED:	BBG
DRAWN:	MAS
CHECKED:	GKP
SCALE	DATE
1" = 50'	03.13.2026

Gresham Smith
222 SECOND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
615.770.8100

TELECOMMUNICATIONS RELOCATION
STA. 382+81.47 TO STA. 396+90.45

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U7-05
		83077-3219-94	

SUMNER COUNTY
PIN# 124722.00



NOTES:

1. ALL TREADED BOLTS REQUIRE LOCKNUTS.
2. GROUND MESSENGER TO POLE GROUND.

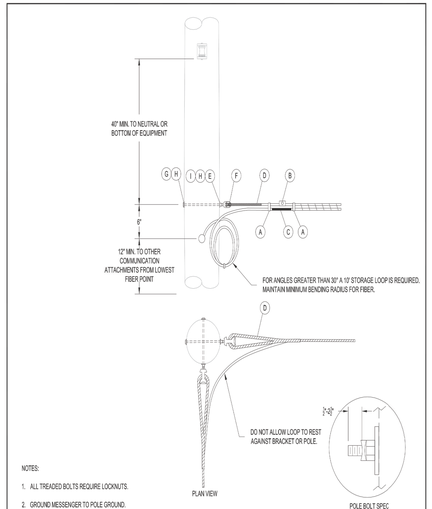
ITEM	QTY	MATERIAL	CEMC PART NUMBER
D	2	NUT, REGULAR, SQUARE, 5/8"	880057-N
E	1	CLAMP, SUSPENSION, STRAIGHT	880045
F	1	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	880056-N
G	1	BOLT, MACHINE, SQ HEAD, 5/8" X REQ'D LENGTH	880043-N
H	2	WASHER, SQ FLAT, 11/16" HOLE, 2" SQ.	880060-N

CUMBERLAND CONNECT powered by CEMC

DATE:	REV	REVISION

OVERHEAD FIBER-LASHED
F-M-A1-2
STRAIGHT THROUGH POLE WITHOUT FIBER

DATE: 4/16/21
DRAWN BAD
F-M-A1-2



NOTES:

1. ALL TREADED BOLTS REQUIRE LOCKNUTS.
2. GROUND MESSENGER TO POLE GROUND.

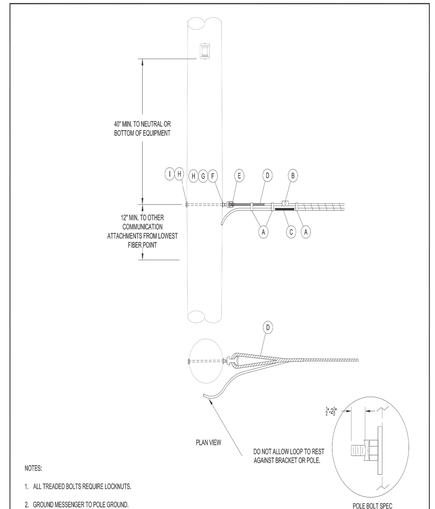
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	4	SPACER,BELL CABLE 1/2"	880014-N
A	4	STRAP, LASHING, STAINLESS STEEL	880022-N
B	2	CLAMP, BUG NUT	880003-N
C	1	FIBER CABLE OH MARKER CUSTOMIZABLE	680041
D	2	DEADEND, GUY WIRE 1/4"	880001-N
E	2	NUT, REGULAR, SQUARE, 5/8"	880057-N
F	2	EYENUT, THIMBLEYE, 5/8"	880059-N
G	2	BOLT, MACHINE, SQ HEAD, 5/8" X REQ'D LENGTH	880043-N
H	4	WASHER, SQ FLAT, 11/16" HOLE, 2" SQ.	880060-N
I	2	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	880056-N

CUMBERLAND CONNECT powered by CEMC

DATE:	REV	REVISION

OVERHEAD FIBER-LASHED
F-M-A4
DOUBLE DEADEND-CORNER ASSEMBLY

DATE: 4/16/21
DRAWN BAD
F-M-A4



NOTES:

1. ALL TREADED BOLTS REQUIRE LOCKNUTS.
2. GROUND MESSENGER TO POLE GROUND.

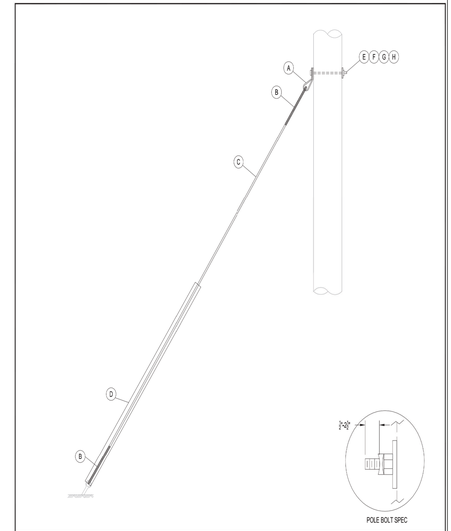
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	4	SPACER,BELL CABLE 1/2"	880014-N
A	4	STRAP, LASHING, STAINLESS STEEL	880022-N
B	2	CLAMP, BUG NUT	880003-N
C	1	FIBER CABLE OH MARKER CUSTOMIZABLE	680041
D	2	DEADEND, GUY WIRE 1/4"	880001-N
E	1	EYENUT, THIMBLEYE, 5/8"	880059-N
F	1	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	880056-N
G	1	NUT, REGULAR, SQUARE, 5/8"	880057-N
H	2	WASHER, SQ FLAT, 11/16" HOLE, 2" SQ.	880060-N
I	2	BOLT, MACHINE, SQ HEAD, 5/8" X REQ'D LENGTH	880043-N

CUMBERLAND CONNECT powered by CEMC

DATE:	REV	REVISION

OVERHEAD FIBER-LASHED
F-M-A5
SINGLE DEADEND

DATE: 4/16/21
DRAWN BAD
F-M-A5



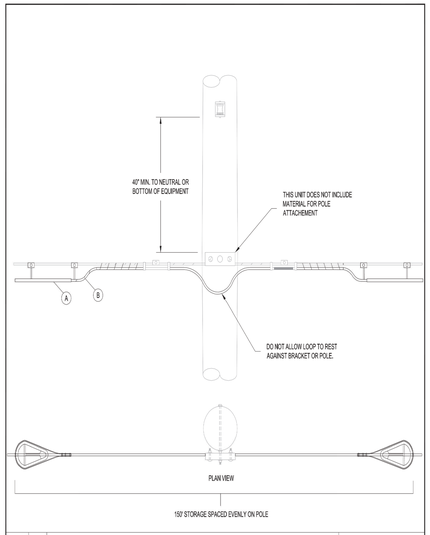
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	1	PIG EAR DOWN GUY ATTACHMENT	880008-N
B	2	DEADEND, GUY WIRE 1/4 IN.	880001-N
C	1	MESSENGER 6M 1/4 EHS	680001
D	1	MARKER, FULL RD, 8FT., YELLOW	680080
E	1	BOLT, MACHINE, SQ HEAD, 5/8" X REQ'D LENGTH	880043-N
F	1	NUT, REGULAR, SQUARE, 5/8"	880057-N
G	1	WASHER, SQ FLAT, 11/16" HOLE, 2" SQ.	880060-N
H	1	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	880056-N

CUMBERLAND CONNECT powered by CEMC

DATE:	REV	REVISION

OVERHEAD FIBER
F-M-E3-5
DOWN GUY

DATE: 4/16/21
DRAWN BAD
F-M-E3-5



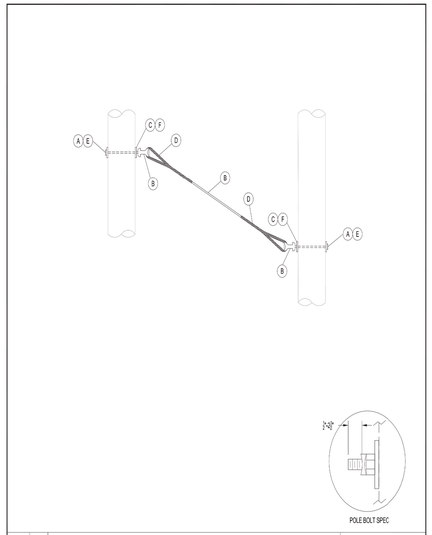
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	2	SNO-SHOE	680048
B	12	STRAP, LASHING, STAINLESS STEEL	880004-N

CUMBERLAND CONNECT powered by CEMC

DATE:	REV	REVISION

OVERHEAD FIBER
F-M-SS
SNO-SHOE STORAGE LOOP

DATE: 4/16/21
DRAWN BAD
F-M-SS



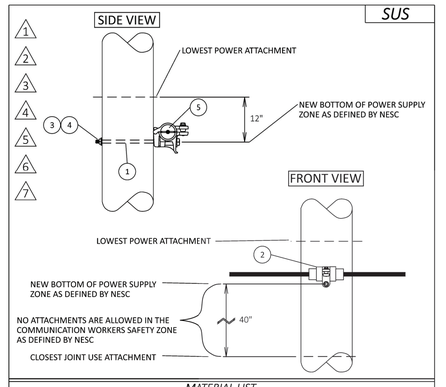
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	2	BOLT, MACHINE, SQ HEAD, 5/8" X REQ'D LENGTH	880043-N
B	2	EYENUT, THIMBLEYE, 5/8"	880059-N
C	2	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	880056-N
D	2	DEADEND, GUY WIRE 1/4"	880001-N
E	4	WASHER, SQ FLAT, 11/16" HOLE, 2" SQ.	880060-N
F	2	NUT, REGULAR, SQUARE, 5/8"	880057-N

CUMBERLAND CONNECT powered by CEMC

DATE:	REV	REVISION

OVERHEAD FIBER
F-M-E4-5
OVERHEAD SPAN GUY

DATE: 4/16/21
DRAWN BAD
F-M-E4-5



MATERIAL LIST

QTY	NAME/DESCRIPTION	STOCK NO.
1	5/8" MACHINE BOLT (SIZE AS REQ'D)	VARIES
1	FIBERLIGN DIELECTRIC SUPPORT	0000
1	5/8" NUT	0936
1	11/16" SQUARE WASHER	0928
2	CUSHION INSERT HALF, (2) PER O.D.	VARIES

GENERAL NOTES

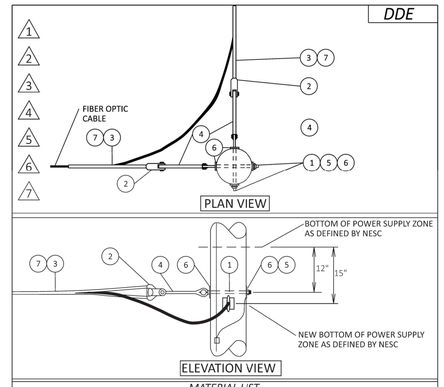
1. APPLICABLE FOR 15KV POWER SPACE OR LESS
2. ONLY QUALIFIED PERSONNEL SHALL PERFORM WORK IN THE POWER SUPPLY ZONE. SEE FIBER GENERAL NOTES (xxxxxxx) FOR POWER SUPPLY ZONE DEFINITION.
3. GROUNDING IN COMPLIANCE WITH NESC/CUB STANDARDS
4. DO NOT EXCEED O.D. BEND RADIUS OF FIBER OPTIC CABLE
5. SEE MANUFACTURER'S SPEC FOR CUSHION INSERT SIZING AND PROPER INSTALLATION
6. SEE MANUFACTURER'S SPEC FOR ALUMINUM SUPPORT INSTALLATION AND USE.
7. DESIGN DRAWINGS TAKE PRECEDENCE OVER STANDARD CONCERNING ATTACHMENT LOCATION ON THE POLE.

CUMBERLAND CONNECT FRAMING SPECIFICATIONS

DRAWN BY	B.B.G.
REV BY	
FILE	
APPROVED	

ADSS FIBER
ALUMINUM SUPPORT
0-10°

WORK NO. XX/XX/XXXX | DWG NO. 1 | STD NO. SUS



MATERIAL LIST

QTY	NAME/DESCRIPTION	STOCK NO.
2	5/8" EYE BOLT, (SIZE AS REQ'D)	0000
2	CLEVIS, THIMBLE	0000
2	DEAD END,PREFORMED FOR ADSS	0000
2	EXTENSION LINK	0000
2	5/8" NUT	0000
4	11/16" SQUARE WASHER	0000
2	STRUCTURAL REINFORCEMENT RODS	0000

GENERAL NOTES

1. APPLICABLE FOR 15KV POWER SPACE OR LESS
2. ONLY QUALIFIED PERSONNEL SHALL PERFORM WORK IN THE POWER SUPPLY ZONE. SEE FIBER GENERAL NOTES (xxxxxxx) FOR POWER SUPPLY ZONE DEFINITION.
3. GROUNDING IN COMPLIANCE WITH NESC/FIBERNET STANDARDS
4. DO NOT EXCEED O.D. BEND RADIUS OF FIBER OPTIC CABLE
5. CORONA COILS TO BE USED WHERE INDICATED ON DESIGN
6. ABRATION PROTECTION DEVICES TO BE USED WHERE DESIGN CALLS FOR THEM
7. DESIGN DRAWINGS TAKE PRECEDENCE OVER STANDARD CONCERNING ATTACHMENT LOCATION ON THE POLE.

CUMBERLAND CONNECT FRAMING SPECIFICATIONS

DRAWN BY	B.B.G.
REV BY	
FILE	
APPROVED	

ADSS FIBER
ANGLED DOUBLE
DEAD-ENDS
11°-90°

WORK NO. XX/XX/XXXX | DWG NO. 1 " 1 | STD NO. DDE

Know what's below.
Call 811 before you dig.

03/16/2026
GREGORY K. POSTON
REGISTERED ENGINEER
AGRICULTURE
POWERS TODAY
STATE OF TENNESSEE

CEMC CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.39
DESIGNED:	BBG
DRAWN:	MAS
CHECKED:	GKP
SCALE	DATE
N.T.S.	03.13.2026

Gresham Smith
222 SECOND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
615.770.8100

TELECOMMUNICATIONS RELOCATION
CONSTRUCTION DETAILS

WHUD WORK ORDER CP-XX-XXX

WHUD PROJECT #XXX.XXX

NASHVILLE PIKE SEWER MAIN RELOCATION

NASHVILLE PIKE

CITY OF GALLATIN

SUMNER COUNTY, TENNESSEE

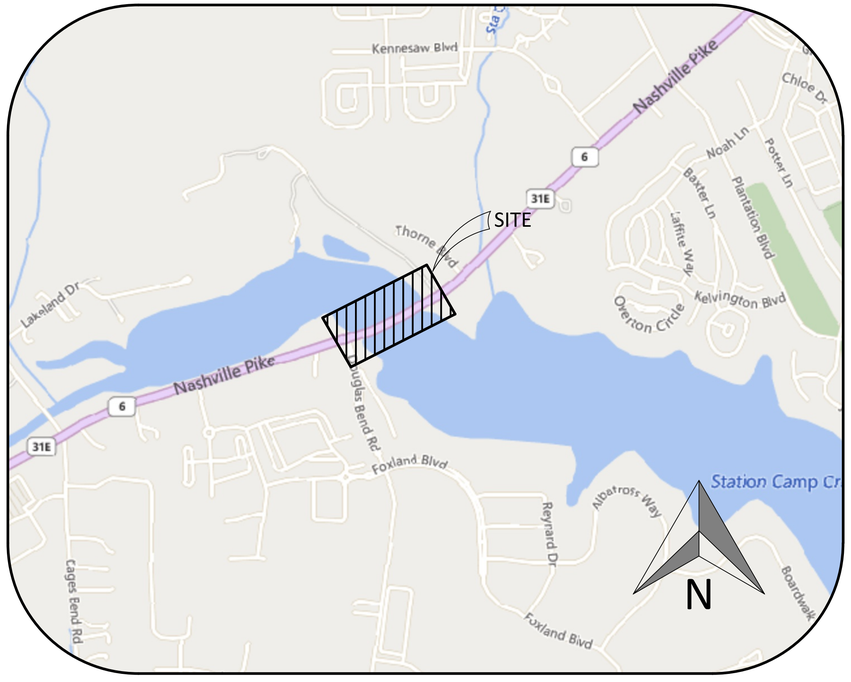
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U8 - 1

GreenLID Design

114 B West Main Street
Gallatin, TN 37066
615-230-7269
office@greenliddesign.com

PLAN SHEET INDEX:

DESCRIPTION	SHEET
COVER SHEET	U8 - 1
PROJECT NOTES	U8 - 2
SEWER DISTRIBUTION & PROFILE	U8 - 3
PROJECT DETAILS	U8 - 4



LEGEND

- CONCRETE MONUMENT (OLD)
- CONCRETE MONUMENT (NEW)
- IRON ROD (OLD)
- IRON ROD (NEW)
- BENCHMARK
- BOUNDARY LINE
- BUFFER
- SETBACK / YARD
- PUDE
- EXTRUDED CURB
- SS — SANITARY SEWER LINE
- W — WATER LINE
- STORM SEWER
- G — GAS LINE
- OHE — OVERHEAD UTILITY LINE
- UGT — UNDERGROUND UTILITY LINE
- FENCE
- TREE LINE
- UTILITY POLE
- UTILITY POLE W/ LIGHT
- GUY ANCHOR
- TELEPHONE MANHOLE
- ELECTRIC JUNCTION BOX
- CABLE PEDESTAL
- SANITARY SEWER MANHOLE
- WATER METER
- WATER VALVE
- BLOW OFF VALVE
- AIR RELEASE ASSEMBLY
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- A/C PAD

UTILITY OWNERS		
WATER	WHITE HOUSE UTILITY DISTRICT 3303 HIGHWAY 31E WHITE HOUSE, TN 37188 (615) 672-4110	
ELECTRIC	CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION (CEMC) 745 NORTH BLYTHE STREET GALLATIN, TN 37066 (615) 452-3703	NASHVILLE ELECTRIC SERVICE (NES) 1214 CHURCH STREET NASHVILLE, TN 37246 (615) 736-6900
TELEPHONE	AT&T 2501 PARK PLACE NASHVILLE, TN 37203 (615) 344-5288	

FOOTNOTES TO BE INCLUDED ON PLANS
FOOTNOTE 1:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE EXCAVATION INCLUDING BUT NOT LIMITED TO BEDDING, BACKFILLING, THRUST BLOCKING, PIPE FUSION, APPURTENANCES, FLOWABLE FILL, MAINTAINING THE TRENCH, TESTING, CHECK DAMS, AND ANY OTHER LABOR OR MATERIAL REQUIRED TO COMPLETE FOR GRAVITY SEWER LINES OR FORCE MAINS AS SPECIFIED ON THE PLANS. DUCTILE IRON PIPE GRAVITY SEWER LINES SHALL BE EPOXY LINED.
FOOTNOTE 3:
INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY FOR CONNECTING TO AN EXISTING FORCE MAIN, SEWER LINE, PUMP STATION, OR MANHOLE AS SPECIFIED ON PLANS, INCLUDING TRAFFIC CONTROL.
FOOTNOTE 6:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT, INCLUDING BUT NOT LIMITED TO MACHINERY, TOOLS, OR APPARATUS NECESSARY FOR INSTALLATION OF ASSEMBLIES AS DESCRIBED AND DETAILED IN THE PLANS AND SPECS.
FOOTNOTE 8:
INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT FOR INTERNAL OR EXTERNAL POINT REPAIRS AS SPECIFIED ON THE BID FORM.

ESTIMATED UTILITY QUANTITIES

ITEM NO.	FOOTNOTES	DESCRIPTION	UNIT	Project No. 1: 83077-3219-94 QUANTITY	% Utility Betterment	%Project Public	%Project Private	Amount Betterment
797-10.21	3	CONNECT TO 16IN FORCE MAIN	EA	2	0.00%	0.00%	100.00%	$0.00
797-03.11	1	16IN PVC FORCE MAIN	LF	827	0.00%	0.00%	100.00%	$0.00
797-08.02	INCLUDES FITTINGS, GLANDS, AND RESTRAINT DEVICES DESCRIBED IN POUNDS	PVC FITTINGS	LBS	700	0.00%	0.00%	100.00%	$0.00
797-09.11	6	16IN PLUG VALVE ASSEMBLY	EA	2	0.00%	0.00%	100.00%	$0.00
795-14.01	8	CLASS A CONCRETE	CY	15	0.00%	0.00%	100.00%	$0.00

PROJECT NAME: NASHVILLE PIKE WATER & SEWER MAIN RELOCATION
WHUD JOB #: XXX.XXX
TOTAL NUMBER OF LOTS: N/A
PAGE TOTAL OF LINEAR FOOTAGE OF PIPE: 0
TOTAL LINEAR FOOTAGE OF PIPE: 827

DEVELOPER'S NAME: WHUD
ADDRESS: P.O. BOX 608
CITY: WHITE HOUSE STATE: TN ZIP CODE: 37188
PHONE #: (615) 672-4110 FAX #: (615) 672-9427

ENGINEER'S NAME: GREENLID DESIGN
ADDRESS: 114 B WEST MAIN STREET
CITY: GALLATIN STATE: TN ZIP CODE: 37066
PHONE #: (615) 230-7269

SEALED BY

JOHN ANTHONY LEATH — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — 0011109 — STATE OF TENNESSEE
03-26-26

WHUD NASHVILLE PIKE
SEWER RELOCATION
NASHVILLE PIKE
CITY OF GALLATIN
SUMNER COUNTY, TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

COVER SHEET

U8 - 1

JOB #22.096G

MARCH 02, 2026

GENERAL NOTES:

1. THIS CONSTRUCTION PROJECT SHALL AT ALL TIMES AND IN ALL SITUATIONS PROCEED IN A MANNER CONSISTENT WITH THE WHITE HOUSE UTILITY DISTRICT CONSTRUCTION SPECIFICATIONS AND ALL OTHER APPLICABLE RULES, REGULATIONS, AND LAWS OF ANY OTHER AUTHORITY WITH JURISDICTION TO GOVERN SUCH CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR UNDERTAKING SUCH CONSTRUCTION ACTIVITIES TO INSURE FULL COMPLIANCE AT ALL TIMES.

2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL ELEVATIONS, DISTANCES, AND DIRECTIONS BEFORE STARTING WORK ON ANY SEGMENT OF THE PROJECT. IF THE CONTRACTOR HAS ANY QUESTIONS OR SUSPECTS THERE IS AN ERROR OR OMISSION WITHIN THE PLANS OR CONSTRUCTION STAKES, HE SHALL NOT PROCEED UNTIL THE ENGINEER OR HIS REPRESENTATIVE HAS BEEN FULLY NOTIFIED, HAS RESPONDED, AND HAS SPECIFICALLY STATED THE CONTRACTOR MAY PROCEED.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SURVEYING REFERENCE POINTS, HUBS, AND LOT CORNERS DURING THE CONSTRUCTION PROCESS AND SHALL BEAR THE EXPENSE FOR REPLACING ANY SUCH OBJECTS DAMAGED DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY NOTICES, OBTAIN ALL REQUIRED PERMITS AND PAY ALL FEES ASSOCIATED WITH SUCCESSFULLY COMPLETING THE CONSTRUCTION PROCESS, INCLUDING ALL PUBLIC INSPECTION FEES.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO THIS OR ADJACENT PROPERTY, AND FOR INJURY TO ANY PERSON OCCURRING DURING OR AS A RESULT OF THE CONSTRUCTION PROCESS, WHETHER SUCH DAMAGE OR INJURY RESULTS FROM ANY ACTION OR LACK OF ACTION BY PRINCIPALS OF THE COMPANY, EMPLOYEES, SUBCONTRACTORS, OR SUPPLIERS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY SAFETY DEVICES AND FOLLOW ALL ADVISABLE SAFETY PRACTICES NECESSARY TO INSURE THE SAFETY OF ALL PERSONS DURING THE CONSTRUCTION PROCESS. NEITHER THE OWNER NOR THE ENGINEER ASSUME ANY LIABILITY FOR MATTERS RELATING TO SAFETY AT THE CONSTRUCTION SITE.

6. ANY DAMAGE TO IMPROVEMENTS PRIOR TO FINAL PROJECT ACCEPTANCE BY THE WHITE HOUSE UTILITY DISTRICT (OWNER), SHALL BE REPAIRED OR REPLACED AS NECESSARY TO MEET CURRENT SPECIFICATIONS. ALL EXPENSES ASSOCIATED WITH SUCH REPAIR OR REPLACEMENT SHALL BE PAID BY THE APPROPRIATE CONTRACTOR.

7. LOCATION OF EXISTING UTILITIES INDICATED ON THESE PLANS MUST BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY SUCH UTILITIES. THE CONTRACTOR IS FURTHER RESPONSIBLE FOR LOCATING ALL UTILITIES THAT MAY BE IN EXISTENCE ON THE PROJECT SITE BUT WHICH ARE UNKNOWN TO THE ENGINEER. ALL UTILITY LOCATION ACTIVITIES SHALL BE AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND REPLACEMENT (AS DIRECTED) TO ANY UTILITIES DAMAGED DURING CONSTRUCTION. BEFORE ANY EXCAVATION HAS BEGUN ON THIS SITE CALL 1-800-351-1111 FOR UNDERGROUND UTILITY LOCATIONS.

8. EROSION CONTROL SHALL BE MAINTAINED THROUGHOUT THE PROJECT IN ACCORDANCE WITH THE TENNESSEE GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES STORM WATER DISCHARGE. INSPECTION AND MAINTENANCE SHALL BE PERFORMED BY THE CONTRACTOR ON A REGULAR BASIS.

9. TOPOGRAPHIC INFORMATION PROVIDED BY TDOT.

10. A TITLE SEARCH NOR TITLE POLICY WAS PROVIDED. THEREFORE, THIS SURVEY IS SUBJECTED TO THE FINDINGS OF AN ACCURATE TITLE SEARCH. ONLY DOCUMENTS NOTED HEREON WERE SUPPLIED TO THIS SURVEYOR. THERE MAY EXIST OTHER DOCUMENTS THAT WOULD AFFECT THE SUBJECT PROPERTY. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH.

11. BEARINGS WERE BASED ON TENNESSEE STATE PLANE (NAD 83).

12. MAP AND PARCEL NUMBERS REFER TO THE SUMNER COUNTY TAX ASSESSOR'S MAPS.

13. A REVIEW OF F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 47165C0407G, EFFECTIVE DATE APRIL 17, 2012 SHOWS THIS PROPERTY TO BE IN ZONE "AE".

14. SUBSURFACE AND/OR ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS A PART OF THIS SITE PLAN.

15. ALL BUILDINGS, SURFACE IMPROVEMENTS, AND SUBSURFACE IMPROVEMENTS ON AND ADJACENT TO THIS SITE ARE NOT NECESSARILY SHOWN HEREON.

UTILITY NOTES

1. ALL WORK IS TO BE IN ACCORDANCE WITH THE WHITE HOUSE UTILITY DISTRICT STANDARD SPECIFICATIONS FOR WATER AND WASTEWATER CONSTRUCTION. THE CONTRACTOR SHALL KEEP A COPY OF THE CURRENT WHITE HOUSE UTILITY DISTRICT SPECIFICATIONS ON THE CONSTRUCTION PROJECT AT ALL TIMES, AND REFERENCE SHALL BE MADE TO THEM FOR PROPER MATERIALS, METHODS, ETC. REGARDING THE CONSTRUCTION OF IMPROVEMENTS.

2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSPECTIONS BY THE WHITE HOUSE UTILITY DISTRICT AND ALL OTHER AUTHORITIES INVOLVED WITH UTILITY CONSTRUCTION INSPECTION.

3. WHETHER OR NOT INDICATED ON THE PLANS, THE CONTRACTOR SHALL UNCOVER ALL EXISTING BURIED UTILITIES (TO VERIFY CLEARANCE AND AVOID DAMAGE) PRIOR TO PROCEEDING. ALL CONFLICTS SHALL BE REPORTED TO THE ENGINEER.

4. NO DRIVEWAY ASPHALT OR CONCRETE WILL BE REPLACED IN ANY WIDTH NARROWER THAN 5'. SAW CUT EDGES SMOOTH BEFORE REPLACING ASPHALT OR CONCRETE. NO SECTION OF EXISTING ASPHALT OR CONCRETE DRIVE SHALL BE LEFT BETWEEN THE PROPOSED WATER MAIN AND THE EXISTING STREET THAT IS NARROWER THAN 5'.

5. CONTRACTOR TO INSTALL BARRIER RAIL, HIGH VISIBILITY FENCING AND OTHER SAFETY MEASURES AT ALL OPEN PITS PER OSHA STANDARDS.

6. THE ENGINEER SHALL SUBMIT THE CONSTRUCTION START NOTIFICATION FORM TO THE WHITE HOUSE UTILITY DISTRICT & TDEC PRIOR TO ANY INSTALLATION OF THE WATER MAINS.

7. CONTRACTOR TO ADJUST EXISTING WATER VALVES TO FINISH ELEVATIONS.

8. EASEMENTS - CLEARING & GRUBBING
ALL TREES AND LANDSCAPING WITHIN THE PERMANENT EASEMENT WILL BE REMOVED AT THE DISCRETION OF WHUD DURING CONSTRUCTION. DEPENDENT UPON THE TYPE OF LANDSCAPING, THE CONTRACTOR MAY BE REQUIRED TO REPLACE LANDSCAPING MATERIALS ONCE THE WATER MAIN HAS BEEN INSTALLED. THE CONTRACTOR SHOULD TRY TO SAVE TREES AND ANY OTHER TYPE OF LANDSCAPING WITHIN THE EASEMENT WHENEVER POSSIBLE, BUT NOT WHEN THIS IS DETRIMENTAL TO THE INSTALLATION AND MAINTENANCE OF THE WATER MAIN.

9. LANDSCAPE REPLACEMENT ON THIS PROJECT INCLUDES ANY NOTED TREES/SHRUBS FOR REPLACEMENT ON THE PLAN SHEETS. TREES/SHRUBS DAMAGED BY THE CONTRACTOR OUTSIDE THE SCOPE OF WORK MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE.

10. ALL STUMPS, LARGE ROCK, CONCRETE, SCRAP MATERIALS, TRASH AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

WATER UTILITY NOTES GENERAL:

1. ALL WORK IS TO BE IN ACCORDANCE WITH THE WHITE HOUSE UTILITY DISTRICT STANDARD SPECIFICATIONS FOR WATER CONSTRUCTION.

2. WATER MAIN PIPE SHALL CONFORM TO ANSI/AWWA C150/A21.50, ANSI/AWWA C151/A21.51 CLASS 52. "DI" OR "DUCTILE" SHALL BE CAST ON OR STAMPED ON THE PIPE. PIPE SHALL BE CEMENT LINED IN ACCORDANCE WITH ANSI/AWWA C104/A21.4.

3. WATER MAIN FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT CONFORMING TO ANSI/AWWA C153/A21.53. FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH ANSI/AWWA C104/A21.4.

4. FIRE HYDRANTS SHALL BE LISTED ON THE LATEST EDITION OF THE APPROVED MATERIALS LIST CONFORMING TO AWWA C502. VALVE OPENING SHALL NOT BE LESS THAN 4-1/2", EACH HYDRANT SHALL BE EQUIPPED WITH TWO 2-1/2" HOSE CONNECTIONS AND ONE 4-1/2" PUMPER CONNECTIONS.

5. THRUST BLOCKS SHALL BE MINIMUM 3500 PSI CONCRETE. COVER MECHANICAL JOINT WITH 6 MIL. POLYETHYLENE FOR BREAK AWAY BARRIER.

6. ALL PIPING TO BE RESTRAINED AS SHOWN ON PLANS & ALSO THROUGHOUT CASING PIPES TO MINIMUM 5 FT PAST THE END OF EACH CASING PIPE.

7. CONCRETE THRUST BLOCKS AND MECHANICAL RESTRAINT LENGTHS ARE DESIGNED FOR 200 PSI LINE PRESSURE AND 2,000 PSF CLAY SOIL BEARING.

8. ANY DAMAGE OR COLLAPSE OF EXISTING WATER SERVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE. CONTRACTOR WILL BE ASKED TO PROVIDE A COST (EACH) FOR TOTAL REPLACEMENT OF SERVICES SHOULD SUCH INSTANCES OCCUR.

9. ANY REQUIRED SERVICE LINES WILL BE BORED UNDER STREETS AND WILL BE INCLUDED IN THE CONTRACTORS BID PROPOSAL.

10. CONTRACTOR TO DRAIN AND PLUG EXISTING MAINS (ABANDON IN PLACE) AS REQUIRED WITH BRICK AND/OR CONCRETE MIX (NOT A SEPARATE PAY ITEM).

WHITE HOUSE UTILITY DISTRICT WASTEWATER NOTES:

1. THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL A PRE-CONSTRUCTION MEETING HAS BEEN HELD AND THEY HAVE BEEN NOTIFIED BY THE WHITE HOUSE UTILITY DISTRICT TO PROCEED WITH THE WORK.

2. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES, INCLUDING SERVICE LATERALS, AND DRAINAGE STRUCTURES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND DEPTHS OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT, AND TO PROTECT THE SAME DURING CONSTRUCTION.

3. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION FROM DAMAGE DONE TO EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, LANDSCAPING AND STRUCTURES.

4. THE CONTRACTOR SHALL MAINTAIN SERVICE TO EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION.

5. ALL RESIDENTIAL GRAVITY FED SEWER SERVICE LATERALS SHALL BE EXTENDED TO THE PROPERTY LINE AND CAPPED AND SEALED.

6. WATER MAINS AND SEWER MAINS MUST MAINTAIN A MINIMUM OF TEN (10) FOOT HORIZONTAL CLEARANCE AND/OR EIGHTEEN (18) INCHES VERTICAL CLEARANCE AT ALL TIMES.

7. ON ALL MANHOLES TO BE ABANDONED, THE RINGS AND COVERS SHALL BE SALVAGED IN ACCORDANCE WITH THE MOST CURRENT WHITE HOUSE UTILITY DISTRICT STANDARDS. THE HOLE SHOULD BE BACKFILLED TO THE SATISFACTION OF THE INSPECTOR.

8. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL WASTE MATERIALS UPON PROJECT COMPLETION. THE CONTRACTOR SHALL NOT PERMANENTLY PLACE ANY WASTE MATERIALS IN THE FLOOD PLAIN WITHOUT FIRST OBTAINING REQUIRED PERMITS.

9. ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE REMOVED BY THE CONTRACTOR AT FINAL ACCEPTANCE OF THE PROJECT BY THE WHITE HOUSE UTILITY DISTRICT.

10. AFTER CONSTRUCTION IS COMPLETE, TESTING WILL BE DONE BY TV CAMERA BY THE CONTRACTOR AND OBSERVED BY THE INSPECTOR, AS THE CAMERA IS RUN THROUGH ALL LINES. ANY ABNORMALITIES, SUCH AS BROKEN PIPE, MISALIGNED JOINTS OR NON-UNIFORM SLOPE, MUST BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. ALL TESTING WILL BE DONE IN ACCORDANCE WITH THE MOST RECENT WHITE HOUSE UTILITY DISTRICT STANDARDS.

BLASTING

11. WHEN ALLOWABLE, BLASTING SHALL BE PERFORMED IN ACCORDANCE WITH THE APPROPRIATE CRITERIA ESTABLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION AND APPLICABLE LOCAL CODES.

12. WHEN BLASTING IS ALLOWED, BLASTING FOR SEWER LINE EXCAVATION MUST BE DONE IN SUCH A MANNER AS TO MINIMIZE THE FRACTURING OF ROCK BEYOND THE REQUIRED EXCAVATION. THE CONTRACTOR SHALL CONSIDER THE ELEVATION OF THE EXISTING SANITARY SEWER IN RELATION TO THE BLASTING CHARGE AND THE RELATIVE DIRECTION OF EXISTING AND PROPOSED TRENCHES. BLASTING WITHIN SUCH AREAS SHALL BE ACCOMPLISHED ONLY BY QUALIFIED BLASTING CONTRACTORS WHO HOLD BLASTING LICENSES FROM A QUALIFIED AGENCY. ANY DAMAGE TO EXISTING SANITARY SEWERS RESULTING FROM BLASTING SHALL BE REPAIRED AND RE-TESTED BY THE CONTRACTOR AT HIS OWN EXPENSE.

SUPPLEMENTARY

13. UNLESS OTHERWISE NOTED ON THE PLANS, ALL SEWER PIPE SHALL CONFORM TO THE FOLLOWING CHART:

DEPTH OF MAIN	PIPE MATERIAL
0 TO 18'	SDR 26
18' TO 24'	DUCTILE IRON
>24'	DUCTILE IRON

14. WORK COMPLETED BY THE CONTRACTOR WHICH HAS NOT RECEIVED A NOTICE TO PROCEED BY THE WHITE HOUSE UTILITY DISTRICT WILL BE SUBJECT TO REMOVAL AND REPLACEMENT BY AND AT THE EXPENSE OF THE CONTRACTOR.

15. ALL UNDERGROUND UTILITY SERVICES SHALL BE PLACED AT A MINIMUM SEPARATION OF 4 FEET.

16. ALL SEWER PIPE FALLING INSIDE CASING WILL BE C900/RJ CERTA-LOK DR-18 PVC PRESSURE PIPE.

17. ALL SEWER PIPE WILL RECEIVE 14 GAUGE TRACER WIRE AND SEWER MARKING TAPE.

18. ALL BENDS AND TEES WILL NEED TO BE PROTECTO-401 COATED.

WHITE HOUSE UTILITY DISTRICT WATER NOTES:

1. THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL A PRE-CONSTRUCTION MEETING HAS BEEN HELD AND THEY HAVE BEEN NOTIFIED BY THE WHITE HOUSE UTILITY DISTRICT TO PROCEED WITH THE WORK.

2. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES, INCLUDING SERVICE LATERALS, AND DRAINAGE STRUCTURES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND DEPTHS OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT, AND TO PROTECT THE SAME DURING CONSTRUCTION.

3. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION FROM DAMAGE DONE TO EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, LANDSCAPING AND STRUCTURES.

4. NO METER BOXES TO BE SET IN DRIVEWAYS. ANY METER BOXES SET IN DRIVEWAYS WILL BE RELOCATED AT THE CONTRACTOR'S AND/OR DEVELOPER'S EXPENSE.

5. THE CONTRACTOR SHALL MAINTAIN SERVICE TO EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION.

6. ALL WATER MAINS GREATER THAN TWO (2) INCHES IN DIAMETER SHALL BE DUCTILE IRON CLASS 52 PIPE.

7. ALL WATER MAINS SHALL BE INSTALLED AT A MINIMUM DEPTH OF 36 INCHES UNLESS OTHERWISE NOTED ON THE CONSTRUCTION PLANS.

8. MECHANICAL JOINT RESTRAINTS ARE TO BE ADDED ON ALL TREES, VALVES, BENDS, AND HYDRANTS (MEGA LUG TYPE). A MINIMUM OF 40 FT LENGTH OF RESTRAINED JOINT PIPE SHALL BE ON EACH SIDE OF ALL VALVES AND FITTINGS.

9. RESTRAINED JOINT PIPE WILL BE DEVELOPED WITH FIELD INSTALLED LOCKING GASKETS.

10. ALL DEAD END LINES WILL RECEIVE A MINIMUM OF 60 FT OF RESTRAINED JOINT PIPE AT ENDS.

11, ALL BENDS 45 DEGREES AND UNDER WILL RECEIVE RESTRAINED JOINT PIPE 40 FT UP & DOWNSTREAM.

12. ALL 90 DEGREE BENDS WILL RECEIVE RESTRAINED JOINT PIPE 60 FT UP & DOWNSTREAM.

13. WATER MAINS AND SEWER MAINS MUST MAINTAIN A MINIMUM OF TEN (10) FOOT HORIZONTAL CLEARANCE AND/OR EIGHTEEN (18) INCHES VERTICAL CLEARANCE AT ALL TIMES.

14. THE CONTRACTOR WILL KEEP THE AREA ON TOP OF AND AROUND THE WATER METER BOX FREE OF ALL OBJECTS AND DEBRIS.

15. ALL TESTING WILL BE DONE IN ACCORDANCE WITH THE MOST RECENT WHITE HOUSE UTILITY DISTRICT STANDARDS.

16. IN NO CASE ARE VALVES TO BE RELOCATED WITHIN THE PAVED AREAS.

17. ADEQUATE SPACE SHALL BE PROVIDED FOR THE INSTALLATION AND MAINTENANCE OF METER VAULTS, BACKFLOW PREVENTION ASSEMBLIES, AND WATER MAINS.

18. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL WASTE MATERIALS UPON COMPLETION. THE CONTRACTOR SHALL NOT PERMANENTLY PLACE ANY WASTE MATERIALS IN THE FLOOD PLAIN WITHOUT FIRST OBTAINING REQUIRED PERMITS.

19. ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE REMOVED BY THE CONTRACTOR AT FINAL ACCEPTANCE OF THE PROJECT BY THE WHITE HOUSE UTILITY DISTRICT.

BLASTING (NO BLASTING WILL BE ALLOWED ON THIS PROJECT)

20. WHEN ALLOWABLE, BLASTING SHALL BE PERFORMED IN ACCORDANCE WITH THE APPROPRIATE CRITERIA ESTABLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION AND APPLICABLE LOCAL CODES.

21. WHEN BLASTING IS ALLOWED, WATER LINE EXCAVATION MUST BE DONE IN SUCH A MANNER AS TO MINIMIZE THE FRACTURING OF ROCK BEYOND THE REQUIRED EXCAVATION. THE CONTRACTOR SHALL CONSIDER THE ELEVATION OF THE EXISTING WATER MAIN AND OTHER UTILITIES, IN RELATION TO THE BLASTING CHARGE AND THE RELATIVE DIRECTION OF EXISTING AND PROPOSED TRENCHES. BLASTING WITHIN SUCH AREAS SHALL BE ACCOMPLISHED ONLY BY QUALIFIED BLASTING CONTRACTORS WHO HOLD BLASTING LICENSES FROM A QUALIFIED AGENCY. ANY DAMAGE TO EXISTING WATER MAINS, OR OTHER UTILITIES, RESULTING FROM BLASTING SHALL BE REPAIRED AND RE-TESTED BY THE CONTRACTOR AT HIS OWN EXPENSE.

22. WORK COMPLETED BY THE CONTRACTOR WHICH HAS NOT RECEIVED A NOTICE TO PROCEED BY THE WHITE HOUSE UTILITY DISTRICT WILL BE SUBJECT TO REMOVAL AND REPLACEMENT BY AND AT THE EXPENSE OF THE CONTRACTOR.

PROJECT DESCRIPTION

THIS PROJECT IS TO REALIGN WATER AND SEWER MAINS ALONG NASHVILLE PIKE WITH 16" PVC SEWER MAIN IN GALLATIN, SUMNER COUNTY, TN. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION FOR THE WHITE HOUSE UTILITY DISTRICT. AS OWNER/MANAGER, WHITE HOUSE UTILITY DISTRICT IS RESPONSIBLE FOR INSTALLATION AND INSPECTION OF WATER AND SEWER MAINS FOR THIS PROJECT. INSTALLATION WILL BE PERFORMED BY A LICENSED WATER UTILITY CONTRACTOR.

SEWER MAINS

APPROXIMATELY 827 LF OF 16" PVC SEWER MAIN IS TO BE CONSTRUCTED, ALONG WITH ALL REQUIRED APPURTENANCES.

PROJECT NAME: NASHVILLE PIKE WATER & SEWER MAIN RELOCATION
WHUD JOB #: XXX.XXX
TOTAL NUMBER OF LOTS: N/A
PAGE TOTAL OF LINEAR FOOTAGE OF PIPE: 0
TOTAL LINEAR FOOTAGE OF PIPE: 827

DEVELOPER'S NAME: WHUD
ADDRESS: P.O. BOX 608
CITY: WHITE HOUSE STATE: TN ZIP CODE: 37188
PHONE #: (615) 672-4110 FAX #: (615) 672-9427

ENGINEER'S NAME: GREENLID DESIGN
ADDRESS: 114 B WEST MAIN STREET
CITY: GALLATIN STATE: TN ZIP CODE: 37066
PHONE #: (615) 230-7269

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U8 - 2

GreenLID Design
114 B West Main Street
Gallatin, TN 37066
615-230-7269
office@greenliddesign.com

LEGEND

- CONCRETE MONUMENT (OLD)
- CONCRETE MONUMENT (NEW)
- IRON ROD (OLD)
- IRON ROD (NEW)
- BENCHMARK
- BOUNDARY LINE
- BUFFER
- SETBACK / YARD
- PUDE
- EXTRUDED CURB
- SS — SANITARY SEWER LINE
- W — WATER LINE
- STORM SEWER
- G — GAS LINE
- OHE — OVERHEAD UTILITY LINE
- UGT — UNDERGROUND UTILITY LINE
- FENCE
- TREE LINE
- UTILITY POLE
- UTILITY POLE W/ LIGHT
- GUY ANCHOR
- TELEPHONE MANHOLE
- ELECTRIC JUNCTION BOX
- CABLE PEDESTAL
- SANITARY SEWER MANHOLE
- WATER METER
- WATER VALVE
- BLOW OFF VALVE
- AIR RELEASE ASSEMBLY
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- A/C PAD

SEALED BY

JOHN ANTHONY LEATH REGISTERED ENGINEER AGRICULTURE NO. 0011693 STATE OF TENNESSEE
03-26-26

WHUD NASHVILLE PIKE
SEWER RELOCATION
NASHVILLE PIKE
CITY OF GALLATIN
SUMNER COUNTY, TENNESSEE

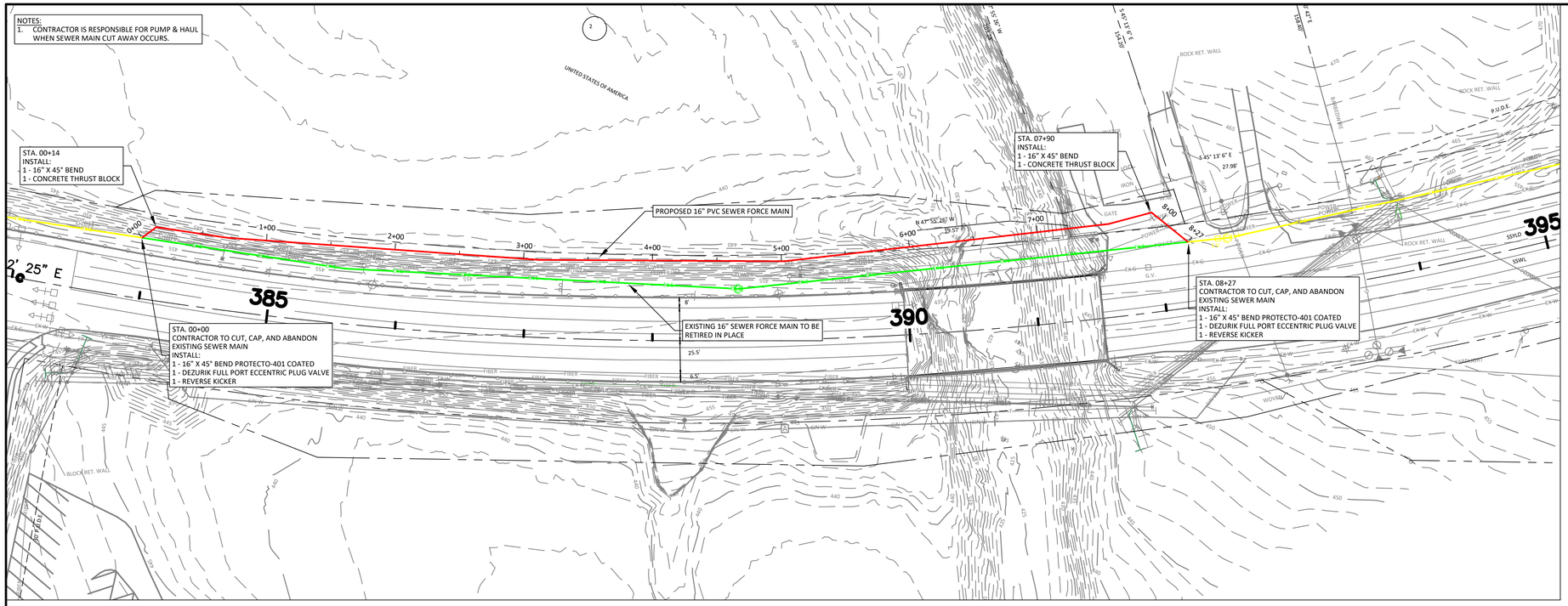
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

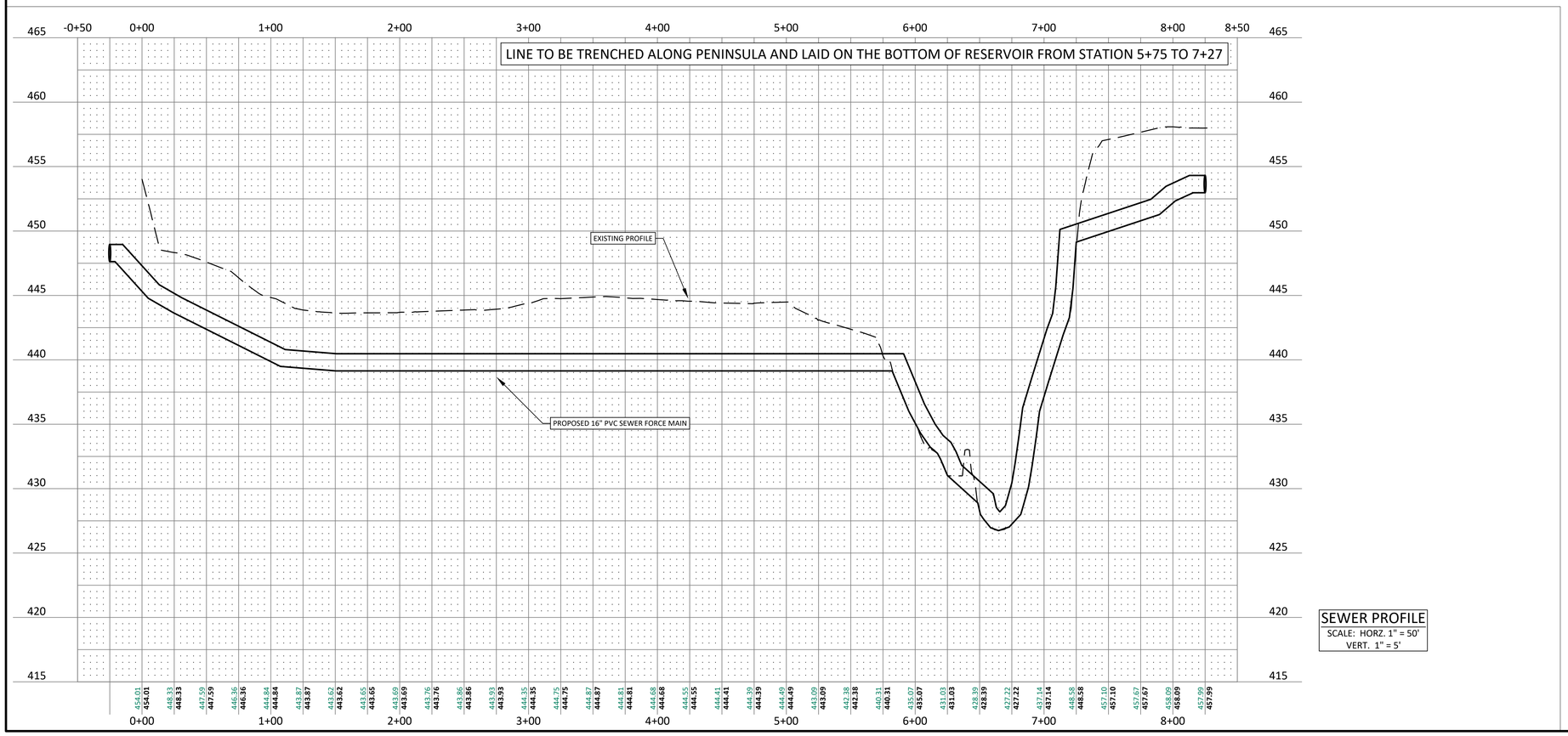
PROJECT NOTES
U8 - 2

JOB #22.096G

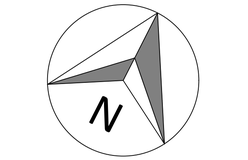
MARCH 02, 2026

NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR PUMP & HAUL WHEN SEWER MAIN CUT AWAY OCCURS.





SEWER PROFILE
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'



GRAPHIC SCALE
0 50 100 150
1 inch = 50 ft

REMOVAL OR RETIRE
EXISTING TO REMAIN
NEW INSTALLATION
TEMPORARY LOCATION

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U8 - 3

GreenLID Design
114 B West Main Street
Gallatin, TN 37066
615-230-7269
office@greenliddesign.com

LEGEND

- CONCRETE MONUMENT (OLD)
- CONCRETE MONUMENT (NEW)
- IRON ROD (OLD)
- IRON ROD (NEW)
- BENCHMARK
- BOUNDARY LINE
- BUFFER
- SETBACK / YARD
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- UTILITY POLE
- UTILITY POLE W/ LIGHT
- GUY ANCHOR
- TELEPHONE MANHOLE
- ELECTRIC JUNCTION BOX
- CABLE PEDESTAL
- SANITARY SEWER MANHOLE
- WATER METER
- WATER VALVE
- BLOW OFF VALVE
- AIR RELEASE ASSEMBLY
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- A/C PAD

SEALED BY

JOHN ANTHONY LEATH — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — 0011168 — STATE OF TENNESSEE
03-26-26

PROJECT NAME: NASHVILLE PIKE WATER & SEWER MAIN RELOCATION
WHUD JOB #: CP-XX-XXX
TOTAL NUMBER OF LOTS: N/A
PAGE TOTAL OF LINEAR FOOTAGE OF PIPE: 827
TOTAL LINEAR FOOTAGE OF PIPE: 827

DEVELOPER'S NAME: WHUD
ADDRESS: P.O. BOX 608
CITY: WHITE HOUSE STATE: TN ZIP CODE: 37188
PHONE #: (615) 672-4110 FAX #: (615) 672-9427

ENGINEER'S NAME: GREENLID DESIGN
ADDRESS: 114 B WEST MAIN STREET
CITY: GALLATIN STATE: TN ZIP CODE: 37066
PHONE #: (615) 230-7269

WHUD NASHVILLE PIKE
SEWER RELOCATION
NASHVILLE PIKE
CITY OF GALLATIN
SUMNER COUNTY, TENNESSEE

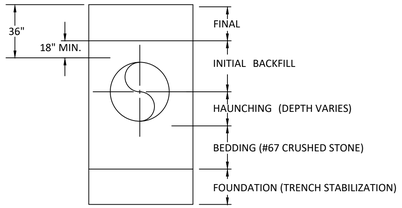
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SEWER DISTRIBUTION & PROFILE

U8 - 3

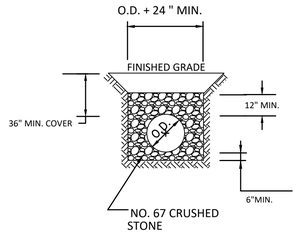
JOB #22.096G

MARCH 02, 2026

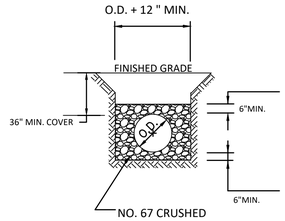


NOTE: SEE SPECIFICATIONS AND PIPE BEDDING AND HAUNCHING DETAILS FOR DIMENSIONS AND MATERIALS

White House Utility District – WATER & WASTEWATER	WHITE HOUSE UTILITY DISTRICT	DATE : JUNE 2024 SCALE : N.T.S.
	TRENCH TERMINOLOGY DETAIL	STD-G-05

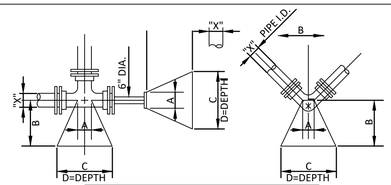


ROCK TRENCH



EARTH TRENCH

White House Utility District – WATER & WASTEWATER	WHITE HOUSE UTILITY DISTRICT	DATE : JUNE 2024 SCALE : N.T.S.
	PIPE BEDDING & HAUNCHING DETAILS FORCE MAINS	STD-G-13



BLOCKING DIMENSIONS

		X*	A	B	C	D
DEAD END & TEES		24"	2'-2"	9'-4"	13'-0"	4'-6"
		16"	1'-6"	5'-3"	7'-6"	3'-6"
		12"	1'-2"	3'-0"	4'-6"	3'-3"
		10"	1'-0"	2'-6"	4'-0"	2'-6"
		8"	0'-10"	2'-3"	3'-3"	2'-0"
		6"	0'-8"	1'-6"	2'-6"	1'-6"
BENDS	90°	24"	2'-2"	12'-6"	16'-8"	5'-6"
		16"	1'-6"	8'-0"	10'-6"	3'-6"
		12"	1'-2"	4'-2"	6'-0"	3'-6"
		10"	1'-0"	3'-6"	5'-0"	2'-9"
		8"	0'-10"	2'-9"	4'-0"	2'-3"
		6"	0'-8"	1'-9"	3'-0"	1'-9"
	45°	24"	2'-2"	7'-3"	10'-6"	4'-6"
		16"	1'-6"	3'-8"	5'-8"	3'-6"
		12"	1'-2"	3'-0"	4'-6"	2'-6"
		10"	1'-0"	2'-0"	3'-0"	2'-6"
		8"	0'-10"	1'-6"	2'-6"	2'-0"
		6"	0'-8"	1'-3"	2'-0"	1'-6"
	22 1/2°	24"	2'-2"	4'-3"	7'-0"	3'-3"
		16"	1'-6"	1'-8"	3'-6"	3'-0"
		12"	1'-2"	1'-6"	2'-10"	2'-0"
		10"	1'-0"	1'-4"	2'-6"	1'-6"
		8"	0'-10"	1'-0"	2'-0"	1'-3"
		6"	0'-8"	0'-9"	1'-6"	1'-0"
	11 1/4°	24"	2'-2"	1'-8"	4'-0"	3'-0"
		16"	1'-6"	1'-0"	2'-6"	2'-3"
		12"	1'-2"	0'-9"	2'-0"	1'-6"
		10"	1'-0"	0'-6"	1'-6"	1'-3"
		8"	0'-10"	0'-6"	1'-4"	1'-0"
		6"	0'-8"	0'-6"	1'-0"	0'-9"

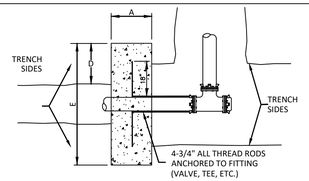
100 PSI TEST PRESSURE (SEWER FORCE MAIN)
200 PSI TEST PRESSURE (WATER MAIN)
2000 PSF SOIL BEARING

MODIFIED BY ROGERS ENGINEERING GROUP FOR 24", 16", & 12" PIPES 9/2008

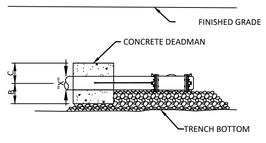
X* = DIAMETER OF PIPE TO BE BLOCKED

NOTES:
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI.
2. SEE APPROVED WHUD MATERIALS LIST.

White House Utility District – WATER & WASTEWATER	WHITE HOUSE UTILITY DISTRICT	DATE : JUNE 2024 SCALE : N.T.S.
	TYPICAL BLOCKING DETAIL	STD-G-09



TOP VIEW



100 PSI TEST PRESSURE (SANITARY SEWER FORCE MAIN)
200 PSI TEST PRESSURE (WATER MAIN)
2000 PSF SOIL BEARING

BLOCKING DIMENSIONS

X*	A	B	C	D	E
24"	3'-0"	4'-6"	2'-6"	4'-6"	12'-0"
16"	2'-8"	2'-10"	2'-2"	3'-0"	8'-4"
12"	2'-0"	1'-9"	1'-9"	2'-6"	7'-0"
10"	1'-8"	1'-6"	1'-6"	2'-0"	5'-10"
8"	1'-4"	1'-0"	1'-0"	2'-0"	5'-8"
6"	1'-0"	0'-9"	0'-9"	2'-0"	5'-6"

X* = DIAMETER OF PIPE TO BE BLOCKED

NOTES:
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI.
2. SEE APPROVED WHUD MATERIALS LIST.

White House Utility District – WATER & WASTEWATER	WHITE HOUSE UTILITY DISTRICT	DATE : JUNE 2024 SCALE : N.T.S.
	REVERSE THRUST BLOCKING DETAIL	STD-G-09-RK

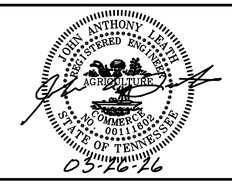
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U8 - 4

GreenLID Design
114 B West Main Street
Gallatin, TN 37066
615-230-7269
office@greenliddesign.com

LEGEND

- CONCRETE MONUMENT (OLD)
- CONCRETE MONUMENT (NEW)
- IRON ROD (OLD)
- IRON ROD (NEW)
- BENCHMARK
- BOUNDARY LINE
- BUFFER
- SETBACK / YARD
- PUDE
- EXTRUDED CURB
- SS — SANITARY SEWER LINE
- W — WATER LINE
- STORM SEWER
- G — GAS LINE
- OHE — OVERHEAD UTILITY LINE
- UGT — UNDERGROUND UTILITY LINE
- FENCE
- TREE LINE
- UTILITY POLE
- UTILITY POLE W/ LIGHT
- GUY ANCHOR
- TELEPHONE MANHOLE
- ELECTRIC JUNCTION BOX
- CABLE PEDESTAL
- SANITARY SEWER MANHOLE
- WATER METER
- WATER VALVE
- BLOW OFF VALVE
- AIR RELEASE ASSEMBLY
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- A/C PAD

SEALED BY



WHUD NASHVILLE PIKE
SEWER RELOCATION
NASHVILLE PIKE
CITY OF GALLATIN
SUMNER COUNTY, TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROJECT DETAILS
U8 - 4

JOB #22.096G

MARCH 02, 2026

WHUD WORK ORDER CP-XX-XXX

WHUD PROJECT #XXX.XXX

NASHVILLE WATER MAIN RELOCATION

NASHVILLE PIKE

CITY OF GALLATIN

SUMNER COUNTY, TENNESSEE

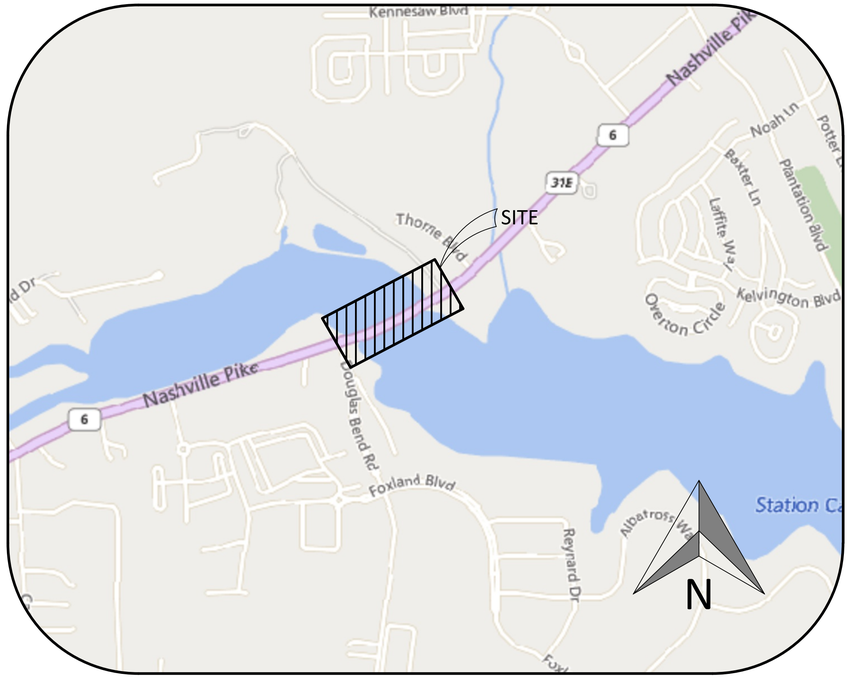
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U9 - 1

GreenLID Design

114 B West Main Street
Gallatin, TN 37066
615-230-7269
office@greenliddesign.com

PLAN SHEET INDEX:

DESCRIPTION	SHEET
COVER SHEET	U9 - 1
PROJECT NOTES	U9 - 2
WATER DISTRIBUTION PLAN	U9 - 3
PROJECT DETAILS	U9 - 4



FOOTNOTES TO BE INCLUDED ON PLANS:

FOOTNOTE 1:
INCLUDES ALL MATERIALS, LABOR, EQUIPMENT FOR COMPLETE INSTALLATION OF PIPE INCLUDING BUT NOT LIMITED TO TRAFFIC CONTROL, MATERIALS, EQUIPMENT, EXCAVATION IN BOTH UNCONSOLIDATED AND ROCK, REMOVAL AND REPLACEMENT OF UNSUITABLE SOIL, ENVELOPE/BEDDING MATERIAL, BACKFILLING, FLOWABLE FILL, THRUST BLOCKING, CONCRETE DEADMAN, PIPE FUSION, TRACER WIRE, WARNING TAPE, APPURTENANCES,
TEMPORARY/PERMANENT SHORING, MAINTAINING THE TRENCH, TESTING, FLUSHING, DISINFECTION, BACTERIOILOGICAL SAMPLING, TEMPORARY/PERMANENT SURFACE RESTORATION, AND ANY OTHER LABOR OR MATERIAL REQUIRED TO COMPLETE THE WORK AS SPECIFIED ON THE PLANS.

FOOTNOTE 3:
INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY FOR CONNECTING TO AN EXISTING WATER LINE INCLUDING TRAFFIC CONTROL.

FOOTNOTE 6:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO MACHINERY, TOOLS OR APPARATUS NECESSARY FOR INSTALLATION OF ASSEMBLIES AS DESCRIBED IN THE PLANS AND SPECS EXCEPT FOR SERVICE LINE WHICH IS PAID SEPERATELY FOR EACH FOOT INSTALLED.

FOOTNOTE 8:
INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION OF UNIT OR LUMP SUM ITEM AS SPECIFIED ON BID FORM.

UTILITY OWNERS		
WATER	WHITE HOUSE UTILITY DISTRICT 3303 HIGHWAY 31E WHITE HOUSE, TN 37188 (615) 672-4110	
ELECTRIC	CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION (CEMC) 745 NORTH BLYTHE STREET GALLATIN, TN 37066 (615) 452-3703	NASHVILLE ELECTRIC SERVICE (NES) 1214 CHURCH STREET NASHVILLE, TN 37246 (615) 736-6900
TELEPHONE	AT&T 2501 PARK PLACE NASHVILLE, TN 37203 (615) 344-5288	

ESTIMATED UTILITY QUANTITIES

				Project No. 1: 83077-3219-94				
ITEM NO.	FOOTNOTES	DESCRIPTION	UNIT	QUANTITY	% Utility Betterment	%Project Public	%Project Private	Amount Betterment
795-06.04	3	CONNECT TO 6IN WATER LINE	EA	2	0.00%	0.00%	100.00%	$0.00
795-01.03	1	6IN DIP RESTRAINED JOINT WATER LINE	LF	903	0.00%	0.00%	100.00%	$0.00
795-13.01	INCLUDES FITTINGS, GLANDS, AND RESTRAINT DEVICES DESCRIBED IN POUNDS	DI FITTINGS	LBS	800	0.00%	0.00%	100.00%	$0.00
765-06.33		CUT AND CAP 6IN WATER LINE	EA	2	0.00%	0.00%	100.00%	$0.00
795-10.04	6	1IN MANUAL AIR RELEASE VALVE ASSEMBLY	EA	1	0.00%	0.00%	100.00%	$0.00
795-14.01	8	CLASS A CONCRETE	CY	1	0.00%	0.00%	100.00%	$0.00

LEGEND

- CONCRETE MONUMENT (OLD)
- CONCRETE MONUMENT (NEW)
- IRON ROD (OLD)
- IRON ROD (NEW)
- BENCHMARK
- BOUNDARY LINE
- BUFFER
- SETBACK / YARD
- PUDE
- EXTRUDED CURB
- SS — SANITARY SEWER LINE
- W — WATER LINE
- STORM SEWER
- G — GAS LINE
- OHE — OVERHEAD UTILITY LINE
- UGT — UNDERGROUND UTILITY LINE
- FENCE
- TREE LINE
- UTILITY POLE
- UTILITY POLE W/ LIGHT
- GUY ANCHOR
- TELEPHONE MANHOLE
- ELECTRIC JUNCTION BOX
- CABLE PEDESTAL
- SANITARY SEWER MANHOLE
- WATER METER
- WATER VALVE
- BLOW OFF VALVE
- AIR RELEASE ASSEMBLY
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- A/C PAD

SEALED BY

JOHN ANTHONY LEATH — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — 0011102 — STATE OF TENNESSEE
03-26-26

WHUD NASHVILLE PIKE
WATER LINE RELOCATION
NASHVILLE PIKE
CITY OF GALLATIN
SUMNER COUNTY, TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

COVER SHEET

U9 - 1

PROJECT NAME: NASHVILLE PIKE WATER & SEWER MAIN RELOCATION
WHUD JOB #: CP-XX-XXX
TOTAL NUMBER OF LOTS: N/A
PAGE TOTAL OF LINEAR FOOTAGE OF PIPE: 0
TOTAL LINEAR FOOTAGE OF PIPE: 903

DEVELOPER'S NAME: WHUD
ADDRESS: P.O. BOX 608
CITY: WHITE HOUSE STATE: TN ZIP CODE: 37188
PHONE #: (615) 672-4110 FAX #: (615) 672-9427

ENGINEER'S NAME: GREENLID DESIGN
ADDRESS: 114 B WEST MAIN STREET
CITY: GALLATIN STATE: TN ZIP CODE: 37066
PHONE #: (615) 230-7269

JOB #22.096G

MARCH 02, 2026

GENERAL NOTES:

1. THIS CONSTRUCTION PROJECT SHALL AT ALL TIMES AND IN ALL SITUATIONS PROCEED IN A MANNER CONSISTENT WITH THE WHITE HOUSE UTILITY DISTRICT CONSTRUCTION SPECIFICATIONS AND ALL OTHER APPLICABLE RULES, REGULATIONS, AND LAWS OF ANY OTHER AUTHORITY WITH JURISDICTION TO GOVERN SUCH CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR UNDERTAKING SUCH CONSTRUCTION ACTIVITIES TO INSURE FULL COMPLIANCE AT ALL TIMES.

2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL ELEVATIONS, DISTANCES, AND DIRECTIONS BEFORE STARTING WORK ON ANY SEGMENT OF THE PROJECT. IF THE CONTRACTOR HAS ANY QUESTIONS OR SUSPECTS THERE IS AN ERROR OR OMISSION WITHIN THE PLANS OR CONSTRUCTION STAKES, HE SHALL NOT PROCEED UNTIL THE ENGINEER OR HIS REPRESENTATIVE HAS BEEN FULLY NOTIFIED, HAS RESPONDED, AND HAS SPECIFICALLY STATED THE CONTRACTOR MAY PROCEED.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SURVEYING REFERENCE POINTS, HUBS, AND LOT CORNERS DURING THE CONSTRUCTION PROCESS AND SHALL BEAR THE EXPENSE FOR REPLACING ANY SUCH OBJECTS DAMAGED DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY NOTICES, OBTAIN ALL REQUIRED PERMITS AND PAY ALL FEES ASSOCIATED WITH SUCCESSFULLY COMPLETING THE CONSTRUCTION PROCESS, INCLUDING ALL PUBLIC INSPECTION FEES.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO THIS OR ADJACENT PROPERTY, AND FOR INJURY TO ANY PERSON OCCURRING DURING OR AS A RESULT OF THE CONSTRUCTION PROCESS, WHETHER SUCH DAMAGE OR INJURY RESULTS FROM ANY ACTION OR LACK OF ACTION BY PRINCIPALS OF THE COMPANY, EMPLOYEES, SUBCONTRACTORS, OR SUPPLIERS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY SAFETY DEVICES AND FOLLOW ALL ADVISABLE SAFETY PRACTICES NECESSARY TO INSURE THE SAFETY OF ALL PERSONS DURING THE CONSTRUCTION PROCESS. NEITHER THE OWNER NOR THE ENGINEER ASSUME ANY LIABILITY FOR MATTERS RELATING TO SAFETY AT THE CONSTRUCTION SITE.

6. ANY DAMAGE TO IMPROVEMENTS PRIOR TO FINAL PROJECT ACCEPTANCE BY THE WHITE HOUSE UTILITY DISTRICT (OWNER), SHALL BE REPAIRED OR REPLACED AS NECESSARY TO MEET CURRENT SPECIFICATIONS. ALL EXPENSES ASSOCIATED WITH SUCH REPAIR OR REPLACEMENT SHALL BE PAID BY THE APPROPRIATE CONTRACTOR.

7. LOCATION OF EXISTING UTILITIES INDICATED ON THESE PLANS MUST BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY SUCH UTILITIES. THE CONTRACTOR IS FURTHER RESPONSIBLE FOR LOCATING ALL UTILITIES THAT MAY BE IN EXISTENCE ON THE PROJECT SITE BUT WHICH ARE UNKNOWN TO THE ENGINEER. ALL UTILITY LOCATION ACTIVITIES SHALL BE AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND REPLACEMENT (AS DIRECTED) TO ANY UTILITIES DAMAGED DURING CONSTRUCTION. BEFORE ANY EXCAVATION HAS BEGUN ON THIS SITE CALL 1-800-351-1111 FOR UNDERGROUND UTILITY LOCATIONS.

8. EROSION CONTROL SHALL BE MAINTAINED THROUGHOUT THE PROJECT IN ACCORDANCE WITH THE TENNESSEE GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES STORM WATER DISCHARGE. INSPECTION AND MAINTENANCE SHALL BE PERFORMED BY THE CONTRACTOR ON A REGULAR BASIS.

9. TOPOGRAPHIC INFORMATION PROVIDED BY TDOT.

10. A TITLE SEARCH NOR TITLE POLICY WAS PROVIDED. THEREFORE, THIS SURVEY IS SUBJECTED TO THE FINDINGS OF AN ACCURATE TITLE SEARCH. ONLY DOCUMENTS NOTED HEREON WERE SUPPLIED TO THIS SURVEYOR. THERE MAY EXIST OTHER DOCUMENTS THAT WOULD AFFECT THE SUBJECT PROPERTY. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH.

11. BEARINGS WERE BASED ON TENNESSEE STATE PLANE (NAD 83).

12. MAP AND PARCEL NUMBERS REFER TO THE SUMNER COUNTY TAX ASSESSOR'S MAPS.

13. A REVIEW OF F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 47165C0407G, EFFECTIVE DATE APRIL 17, 2012 SHOWS THIS PROPERTY TO BE IN ZONE "AE".

14. SUBSURFACE AND/OR ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS A PART OF THIS SITE PLAN.

15. ALL BUILDINGS, SURFACE IMPROVEMENTS, AND SUBSURFACE IMPROVEMENTS ON AND ADJACENT TO THIS SITE ARE NOT NECESSARILY SHOWN HEREON.

UTILITY NOTES

1. ALL WORK IS TO BE IN ACCORDANCE WITH THE WHITE HOUSE UTILITY DISTRICT STANDARD SPECIFICATIONS FOR WATER AND WASTEWATER CONSTRUCTION. THE CONTRACTOR SHALL KEEP A COPY OF THE CURRENT WHITE HOUSE UTILITY DISTRICT SPECIFICATIONS ON THE CONSTRUCTION PROJECT AT ALL TIMES, AND REFERENCE SHALL BE MADE TO THEM FOR PROPER MATERIALS, METHODS, ETC. REGARDING THE CONSTRUCTION OF IMPROVEMENTS.

2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSPECTIONS BY THE WHITE HOUSE UTILITY DISTRICT AND ALL OTHER AUTHORITIES INVOLVED WITH UTILITY CONSTRUCTION INSPECTION.

3. WHETHER OR NOT INDICATED ON THE PLANS, THE CONTRACTOR SHALL UNCOVER ALL EXISTING BURIED UTILITIES (TO VERIFY CLEARANCE AND AVOID DAMAGE) PRIOR TO PROCEEDING. ALL CONFLICTS SHALL BE REPORTED TO THE ENGINEER.

4. NO DRIVEWAY ASPHALT OR CONCRETE WILL BE REPLACED IN ANY WIDTH NARROWER THAN 5'. SAW CUT EDGES SMOOTH BEFORE REPLACING ASPHALT OR CONCRETE. NO SECTION OF EXISTING ASPHALT OR CONCRETE DRIVE SHALL BE LEFT BETWEEN THE PROPOSED WATER MAIN AND THE EXISTING STREET THAT IS NARROWER THAN 5'.

5. CONTRACTOR TO INSTALL BARRIER RAIL, HIGH VISIBILITY FENCING AND OTHER SAFETY MEASURES AT ALL OPEN PITS PER OSHA STANDARDS.

6. THE ENGINEER SHALL SUBMIT THE CONSTRUCTION START NOTIFICATION FORM TO THE WHITE HOUSE UTILITY DISTRICT & TDEC PRIOR TO ANY INSTALLATION OF THE WATER MAINS.

7. CONTRACTOR TO ADJUST EXISTING WATER VALVES TO FINISH ELEVATIONS.

8. EASEMENTS - CLEARING & GRUBBING
ALL TREES AND LANDSCAPING WITHIN THE PERMANENT EASEMENT WILL BE REMOVED AT THE DISCRETION OF WHUD DURING CONSTRUCTION. DEPENDENT UPON THE TYPE OF LANDSCAPING, THE CONTRACTOR MAY BE REQUIRED TO REPLACE LANDSCAPING MATERIALS ONCE THE WATER MAIN HAS BEEN INSTALLED. THE CONTRACTOR SHOULD TRY TO SAVE TREES AND ANY OTHER TYPE OF LANDSCAPING WITHIN THE EASEMENT WHENEVER POSSIBLE, BUT NOT WHEN THIS IS DETRIMENTAL TO THE INSTALLATION AND MAINTENANCE OF THE WATER MAIN.

9. LANDSCAPE REPLACEMENT ON THIS PROJECT INCLUDES ANY NOTED TREES/SHRUBS FOR REPLACEMENT ON THE PLAN SHEETS. TREES/SHRUBS DAMAGED BY THE CONTRACTOR OUTSIDE THE SCOPE OF WORK MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE.

10. ALL STUMPS, LARGE ROCK, CONCRETE, SCRAP MATERIALS, TRASH AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

WATER UTILITY NOTES GENERAL:

1. ALL WORK IS TO BE IN ACCORDANCE WITH THE WHITE HOUSE UTILITY DISTRICT STANDARD SPECIFICATIONS FOR WATER CONSTRUCTION.

2. WATER MAIN PIPE SHALL CONFORM TO ANSI/AWWA C150/A21.50, ANSI/AWWA C151/A21.51 CLASS 52. "DI" OR "DUCTILE" SHALL BE CAST ON OR STAMPED ON THE PIPE. PIPE SHALL BE CEMENT LINED IN ACCORDANCE WITH ANSI/AWWA C104/A21.4.

3. WATER MAIN FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT CONFORMING TO ANSI/AWWA C153/A21.53. FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH ANSI/AWWA C104/A21.4.

4. FIRE HYDRANTS SHALL BE LISTED ON THE LATEST EDITION OF THE APPROVED MATERIALS LIST CONFORMING TO AWWA C502. VALVE OPENING SHALL NOT BE LESS THAN 4-1/2", EACH HYDRANT SHALL BE EQUIPPED WITH TWO 2-1/2" HOSE CONNECTIONS AND ONE 4-1/2" PUMPER CONNECTIONS.

5. THRUST BLOCKS SHALL BE MINIMUM 3500 PSI CONCRETE. COVER MECHANICAL JOINT WITH 6 MIL. POLYETHYLENE FOR BREAK AWAY BARRIER.

6. ALL PIPING TO BE RESTRAINED AS SHOWN ON PLANS & ALSO THROUGHOUT CASING PIPES TO MINIMUM 5 FT PAST THE END OF EACH CASING PIPE.

7. CONCRETE THRUST BLOCKS AND MECHANICAL RESTRAINT LENGTHS ARE DESIGNED FOR 200 PSI LINE PRESSURE AND 2,000 PSF CLAY SOIL BEARING.

8. ANY DAMAGE OR COLLAPSE OF EXISTING WATER SERVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE. CONTRACTOR WILL BE ASKED TO PROVIDE A COST (EACH) FOR TOTAL REPLACEMENT OF SERVICES SHOULD SUCH INSTANCES OCCUR.

9. ANY REQUIRED SERVICE LINES WILL BE BORED UNDER STREETS AND WILL BE INCLUDED IN THE CONTRACTORS BID PROPOSAL.

10. CONTRACTOR TO DRAIN AND PLUG EXISTING MAINS (ABANDON IN PLACE) AS REQUIRED WITH BRICK AND/OR CONCRETE MIX (NOT A SEPARATE PAY ITEM).

WHITE HOUSE UTILITY DISTRICT WASTEWATER NOTES:

1. THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL A PRE-CONSTRUCTION MEETING HAS BEEN HELD AND THEY HAVE BEEN NOTIFIED BY THE WHITE HOUSE UTILITY DISTRICT TO PROCEED WITH THE WORK.

2. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES, INCLUDING SERVICE LATERALS, AND DRAINAGE STRUCTURES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND DEPTHS OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT, AND TO PROTECT THE SAME DURING CONSTRUCTION.

3. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION FROM DAMAGE DONE TO EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, LANDSCAPING AND STRUCTURES.

4. THE CONTRACTOR SHALL MAINTAIN SERVICE TO EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION.

5. ALL RESIDENTIAL GRAVITY FED SEWER SERVICE LATERALS SHALL BE EXTENDED TO THE PROPERTY LINE AND CAPPED AND SEALED.

6. WATER MAINS AND SEWER MAINS MUST MAINTAIN A MINIMUM OF TEN (10) FOOT HORIZONTAL CLEARANCE AND/OR EIGHTEEN (18) INCHES VERTICAL CLEARANCE AT ALL TIMES.

7. ON ALL MANHOLES TO BE ABANDONED, THE RINGS AND COVERS SHALL BE SALVAGED IN ACCORDANCE WITH THE MOST CURRENT WHITE HOUSE UTILITY DISTRICT STANDARDS. THE HOLE SHOULD BE BACKFILLED TO THE SATISFACTION OF THE INSPECTOR.

8. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL WASTE MATERIALS UPON PROJECT COMPLETION. THE CONTRACTOR SHALL NOT PERMANENTLY PLACE ANY WASTE MATERIALS IN THE FLOOD PLAIN WITHOUT FIRST OBTAINING REQUIRED PERMITS.

9. ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE REMOVED BY THE CONTRACTOR AT FINAL ACCEPTANCE OF THE PROJECT BY THE WHITE HOUSE UTILITY DISTRICT.

10. AFTER CONSTRUCTION IS COMPLETE, TESTING WILL BE DONE BY TV CAMERA BY THE CONTRACTOR AND OBSERVED BY THE INSPECTOR, AS THE CAMERA IS RUN THROUGH ALL LINES. ANY ABNORMALITIES, SUCH AS BROKEN PIPE, MISALIGNED JOINTS OR NON-UNIFORM SLOPE, MUST BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. ALL TESTING WILL BE DONE IN ACCORDANCE WITH THE MOST RECENT WHITE HOUSE UTILITY DISTRICT STANDARDS.

BLASTING

11. WHEN ALLOWABLE, BLASTING SHALL BE PERFORMED IN ACCORDANCE WITH THE APPROPRIATE CRITERIA ESTABLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION AND APPLICABLE LOCAL CODES.

12. WHEN BLASTING IS ALLOWED, BLASTING FOR SEWER LINE EXCAVATION MUST BE DONE IN SUCH A MANNER AS TO MINIMIZE THE FRACTURING OF ROCK BEYOND THE REQUIRED EXCAVATION. THE CONTRACTOR SHALL CONSIDER THE ELEVATION OF THE EXISTING SANITARY SEWER IN RELATION TO THE BLASTING CHARGE AND THE RELATIVE DIRECTION OF EXISTING AND PROPOSED TRENCHES. BLASTING WITHIN SUCH AREAS SHALL BE ACCOMPLISHED ONLY BY QUALIFIED BLASTING CONTRACTORS WHO HOLD BLASTING LICENSES FROM A QUALIFIED AGENCY. ANY DAMAGE TO EXISTING SANITARY SEWERS RESULTING FROM BLASTING SHALL BE REPAIRED AND RE-TESTED BY THE CONTRACTOR AT HIS OWN EXPENSE.

SUPPLEMENTARY

13. UNLESS OTHERWISE NOTED ON THE PLANS, ALL SEWER PIPE SHALL CONFORM TO THE FOLLOWING CHART:

DEPTH OF MAIN	PIPE MATERIAL
O TO 18'	SDR 26
18' TO 24'	DUCTILE IRON
>24'	DUCTILE IRON

14. WORK COMPLETED BY THE CONTRACTOR WHICH HAS NOT RECEIVED A NOTICE TO PROCEED BY THE WHITE HOUSE UTILITY DISTRICT WILL BE SUBJECT TO REMOVAL AND REPLACEMENT BY AND AT THE EXPENSE OF THE CONTRACTOR.

15. ALL UNDERGROUND UTILITY SERVICES SHALL BE PLACED AT A MINIMUM SEPARATION OF 4 FEET.

WHITE HOUSE UTILITY DISTRICT WATER NOTES:

1. THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL A PRE-CONSTRUCTION MEETING HAS BEEN HELD AND THEY HAVE BEEN NOTIFIED BY THE WHITE HOUSE UTILITY DISTRICT TO PROCEED WITH THE WORK.

2. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES, INCLUDING SERVICE LATERALS, AND DRAINAGE STRUCTURES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND DEPTHS OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT, AND TO PROTECT THE SAME DURING CONSTRUCTION.

3. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION FROM DAMAGE DONE TO EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, LANDSCAPING AND STRUCTURES.

4. NO METER BOXES TO BE SET IN DRIVEWAYS. ANY METER BOXES SET IN DRIVEWAYS WILL BE RELOCATED AT THE CONTRACTOR'S AND/OR DEVELOPER'S EXPENSE.

5. THE CONTRACTOR SHALL MAINTAIN SERVICE TO EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION.

6. ALL WATER MAINS GREATER THAN TWO (2) INCHES IN DIAMETER SHALL BE DUCTILE IRON CLASS 52 PIPE.

7. ALL WATER MAINS SHALL BE INSTALLED AT A MINIMUM DEPTH OF 36 INCHES UNLESS OTHERWISE NOTED ON THE CONSTRUCTION PLANS.

8. MECHANICAL JOINT RESTRAINTS ARE TO BE ADDED ON ALL TREES, VALVES, BENDS, AND HYDRANTS (MEGA LUG TYPE). A MINIMUM OF 40 FT LENGTH OF RESTRAINED JOINT PIPE SHALL BE ON EACH SIDE OF ALL VALVES AND FITTINGS.

9. RESTRAINED JOINT PIPE WILL BE DEVELOPED WITH FIELD INSTALLED LOCKING GASKETS.

10. ALL DEAD END LINES WILL RECEIVE A MINIMUM OF 60 FT OF RESTRAINED JOINT PIPE AT ENDS.

11. ALL BENDS 45 DEGREES AND UNDER WILL RECEIVE RESTRAINED JOINT PIPE 40 FT UP & DOWNSTREAM.

12. ALL 90 DEGREE BENDS WILL RECEIVE RESTRAINED JOINT PIPE 60 FT UP & DOWNSTREAM.

13. WATER MAINS AND SEWER MAINS MUST MAINTAIN A MINIMUM OF TEN (10) FOOT HORIZONTAL CLEARANCE AND/OR EIGHTEEN (18) INCHES VERTICAL CLEARANCE AT ALL TIMES.

14. THE CONTRACTOR WILL KEEP THE AREA ON TOP OF AND AROUND THE WATER METER BOX FREE OF ALL OBJECTS AND DEBRIS.

15. ALL TESTING WILL BE DONE IN ACCORDANCE WITH THE MOST RECENT WHITE HOUSE UTILITY DISTRICT STANDARDS.

16. IN NO CASE ARE VALVES TO BE RELOCATED WITHIN THE PAVED AREAS.

17. ADEQUATE SPACE SHALL BE PROVIDED FOR THE INSTALLATION AND MAINTENANCE OF METER VAULTS, BACKFLOW PREVENTION ASSEMBLIES, AND WATER MAINS.

18. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL WASTE MATERIALS UPON COMPLETION. THE CONTRACTOR SHALL NOT PERMANENTLY PLACE ANY WASTE MATERIALS IN THE FLOOD PLAIN WITHOUT FIRST OBTAINING REQUIRED PERMITS.

19. ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE REMOVED BY THE CONTRACTOR AT FINAL ACCEPTANCE OF THE PROJECT BY THE WHITE HOUSE UTILITY DISTRICT.

BLASTING (NO BLASTING WILL BE ALLOWED ON THIS PROJECT)

20. WHEN ALLOWABLE, BLASTING SHALL BE PERFORMED IN ACCORDANCE WITH THE APPROPRIATE CRITERIA ESTABLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION AND APPLICABLE LOCAL CODES.

21. WHEN BLASTING IS ALLOWED, WATER LINE EXCAVATION MUST BE DONE IN SUCH A MANNER AS TO MINIMIZE THE FRACTURING OF ROCK BEYOND THE REQUIRED EXCAVATION. THE CONTRACTOR SHALL CONSIDER THE ELEVATION OF THE EXISTING WATER MAIN AND OTHER UTILITIES, IN RELATION TO THE BLASTING CHARGE AND THE RELATIVE DIRECTION OF EXISTING AND PROPOSED TRENCHES. BLASTING WITHIN SUCH AREAS SHALL BE ACCOMPLISHED ONLY BY QUALIFIED BLASTING CONTRACTORS WHO HOLD BLASTING LICENSES FROM A QUALIFIED AGENCY. ANY DAMAGE TO EXISTING WATER MAINS, OR OTHER UTILITIES, RESULTING FROM BLASTING SHALL BE REPAIRED AND RE-TESTED BY THE CONTRACTOR AT HIS OWN EXPENSE.

22. WORK COMPLETED BY THE CONTRACTOR WHICH HAS NOT RECEIVED A NOTICE TO PROCEED BY THE WHITE HOUSE UTILITY DISTRICT WILL BE SUBJECT TO REMOVAL AND REPLACEMENT BY AND AT THE EXPENSE OF THE CONTRACTOR.

PROJECT DESCRIPTION

THIS PROJECT IS TO REALIGN WATER AND SEWER MAINS ALONG NASHVILLE PIKE WITH 6" DUCTILE IRON WATER MAIN IN GALLATIN, SUMNER COUNTY, TN. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION FOR THE WHITE HOUSE UTILITY DISTRICT. AS OWNER/MANAGER, WHITE HOUSE UTILITY DISTRICT IS RESPONSIBLE FOR INSTALLATION AND INSPECTION OF WATER AND SEWER MAINS FOR THIS PROJECT. INSTALLATION WILL BE PERFORMED BY A LICENSED WATER UTILITY CONTRACTOR.

WATER MAINS

APPROXIMATELY 903 LF OF 6" D.I. PIPE WATER MAIN IS TO BE CONSTRUCTED, ALONG WITH ALL REQUIRED APPURTENANCES.

PROJECT NAME: NASHVILLE PIKE WATER & SEWER MAIN RELOCATION
WHUD JOB #: CP-XX-XXX
TOTAL NUMBER OF LOTS: N/A
PAGE TOTAL OF LINEAR FOOTAGE OF PIPE: 0
TOTAL LINEAR FOOTAGE OF PIPE: 903

DEVELOPER'S NAME: WHUD
ADDRESS: P.O. BOX 608
CITY: WHITE HOUSE STATE: TN ZIP CODE: 37188
PHONE #: (615) 672-4110 FAX #: (615) 672-9427

ENGINEER'S NAME: GREENLID DESIGN
ADDRESS: 114 B WEST MAIN STREET
CITY: GALLATIN STATE: TN ZIP CODE: 37066
PHONE #: (615) 230-7269

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U9 - 2

GreenLID Design
114 B West Main Street
Gallatin, TN 37066
615-230-7269
office@greenliddesign.com

LEGEND

- CONCRETE MONUMENT (OLD)
- CONCRETE MONUMENT (NEW)
- IRON ROD (OLD)
- IRON ROD (NEW)
- BENCHMARK
- BOUNDARY LINE
- BUFFER
- SETBACK / YARD
- PUDE
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- UTILITY POLE W/ LIGHT
- GUY ANCHOR
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- ELECTRIC JUNCTION BOX
- CABLE PEDESTAL
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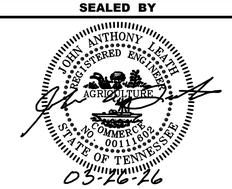
- WATER METER
- WATER VALVE
- BLOW OFF VALVE
- AIR RELEASE ASSEMBLY
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- A/C PAD

SEALED BY



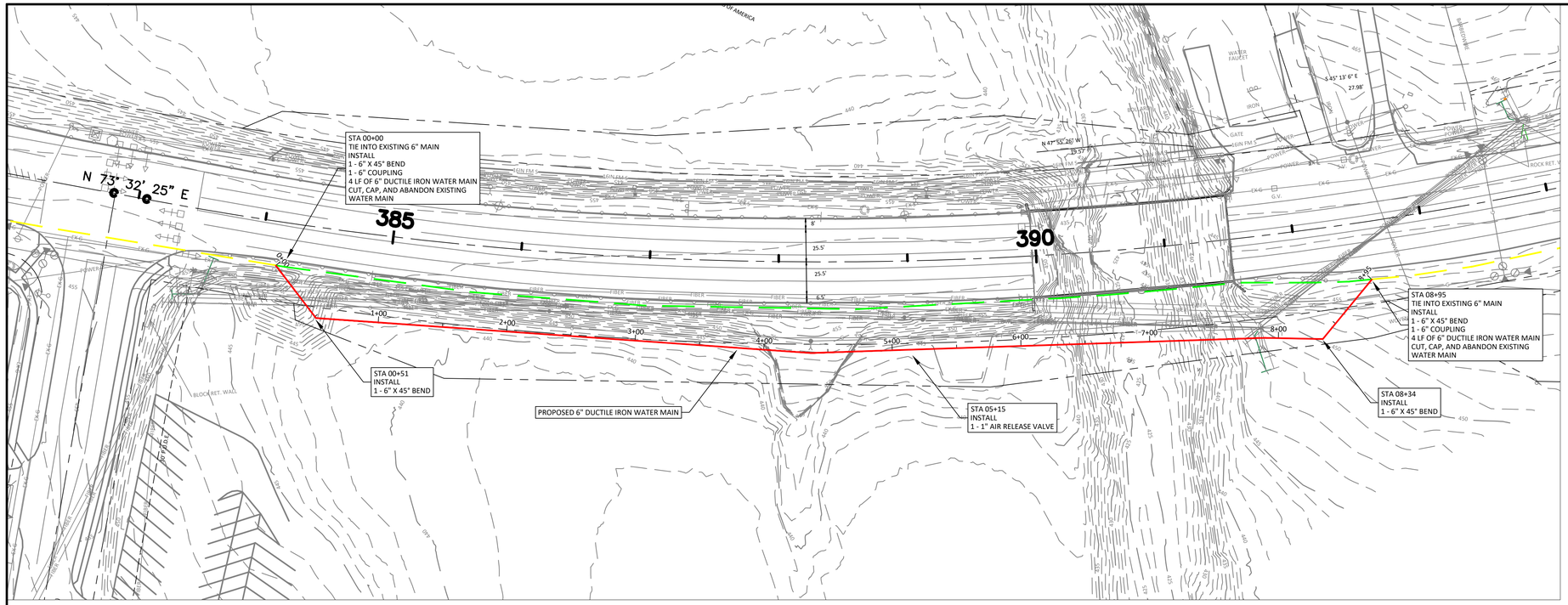
WHUD NASHVILLE PIKE
WATER LINE RELOCATION
NASHVILLE PIKE
CITY OF GALLATIN
SUMNER COUNTY, TENNESSEE

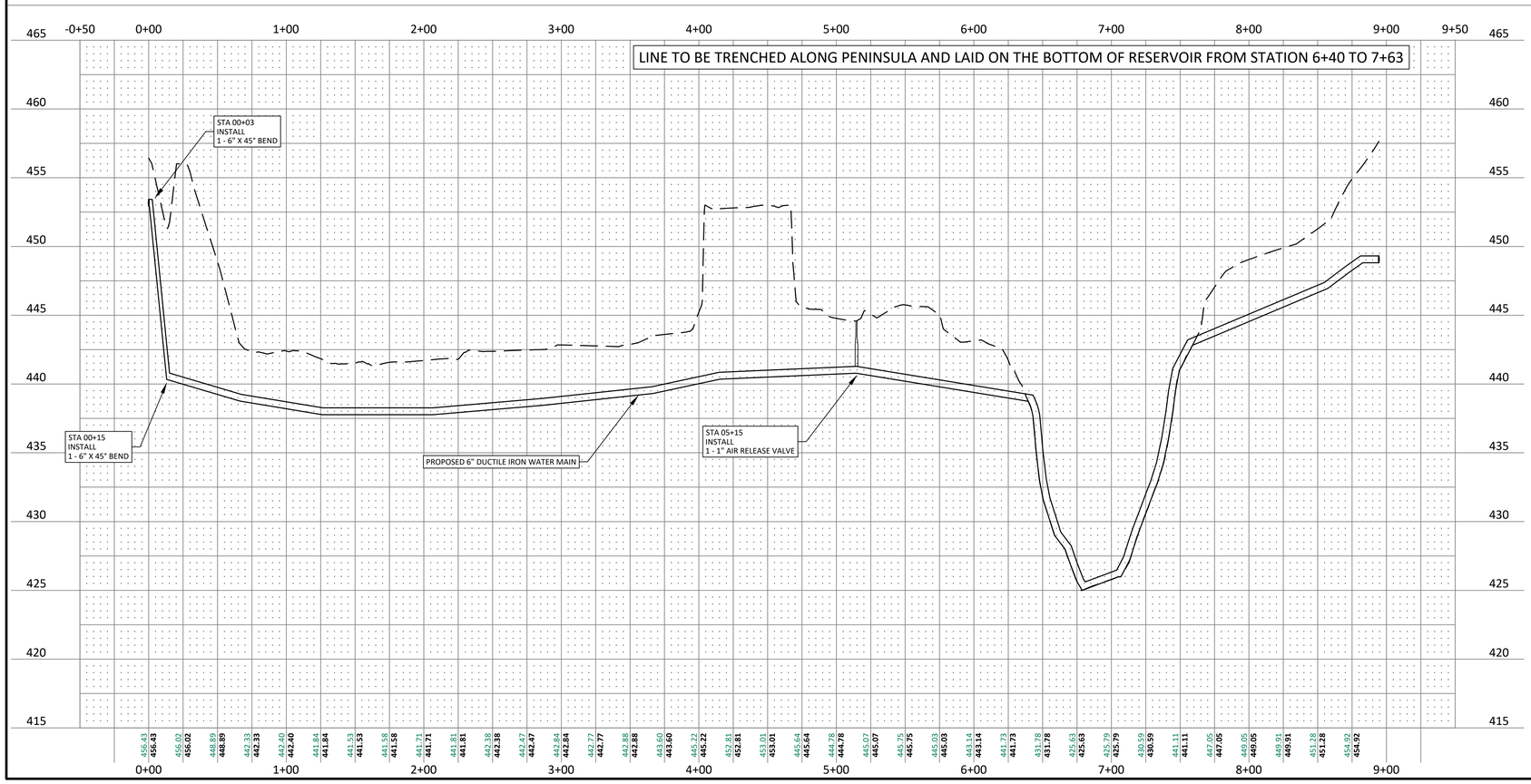
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROJECT NOTES
U9 - 2

JOB #22.096G

MARCH 02, 2026





N

GRAPHIC SCALE

0 50 100 150

1 inch = 50 ft

REMOVAL OR RETIRE
EXISTING TO REMAIN
NEW INSTALLATION
TEMPORARY LOCATION

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U9 - 3

GreenLID Design

114 B West Main Street
Gallatin, TN 37066
615-230-7269
office@greenliddesign.com

LEGEND

- CONCRETE MONUMENT (OLD)
- CONCRETE MONUMENT (NEW)
- IRON ROD (OLD)
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- WATER VALVE
- BLOW OFF VALVE
- AIR RELEASE ASSEMBLY
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- A/C PAD

SEALED BY

JOHN ANTHONY LEATH
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011168
STATE OF TENNESSEE
03-26-26

PROJECT NAME: NASHVILLE PIKE WATER & SEWER MAIN RELOCATION
WHUD JOB #: CP-XX-XXX
TOTAL NUMBER OF LOTS: N/A
PAGE TOTAL OF LINEAR FOOTAGE OF PIPE: 903
TOTAL LINEAR FOOTAGE OF PIPE: 903

DEVELOPER'S NAME: WHUD
ADDRESS: P.O. BOX 608
CITY: WHITE HOUSE STATE: TN ZIP CODE: 37188
PHONE #: (615) 672-4110 FAX #: (615) 672-9427

ENGINEER'S NAME: GREENLID DESIGN
ADDRESS: 114 B WEST MAIN STREET
CITY: GALLATIN STATE: TN ZIP CODE: 37066
PHONE #: (615) 230-7269

WHUD NASHVILLE PIKE
WATER LINE RELOCATION
NASHVILLE PIKE
CITY OF GALLATIN
SUMNER COUNTY, TENNESSEE

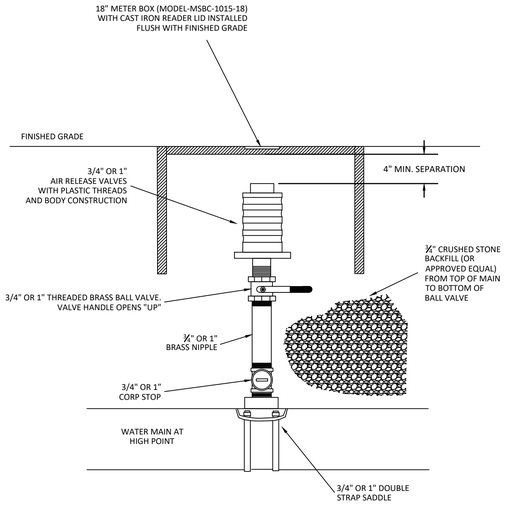
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

WATER DISTRIBUTION PLAN

U9 - 3

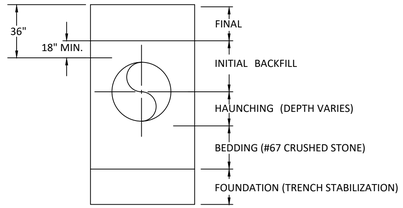
JOB #22.096G

MARCH 02, 2026



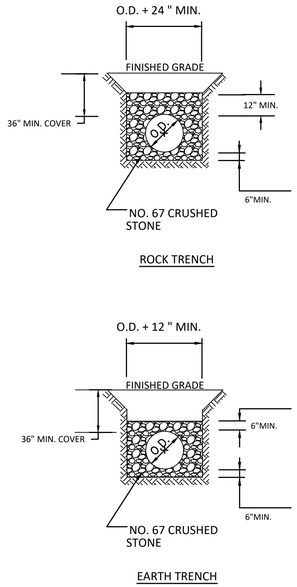
NOTES:
1. METER BOX TO BE INSTALLED PARALLEL WITH ROADWAY WHENEVER POSSIBLE.
2. FOR MAINS WITH A DIAMETER OF 2" TO 6", A ¾" AIR RELEASE VALVE ASSEMBLY IS REQUIRED.
3. FOR MAINS WITH A DIAMETER OF 8" TO 10", A 1" AIR RELEASE VALVE ASSEMBLY IS REQUIRED.
4. SEE APPROVED W.H.U.D. MATERIAL LIST.

White House Utility District — WATER & WASTEWATER	WHITE HOUSE UTILITY DISTRICT	DATE : AUG 2015 SCALE : N.T.S.
	3/4" AND 1" AIR RELEASE VALVE ASSEMBLY DETAIL	STD-W-15

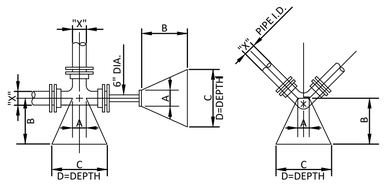


NOTE: SEE SPECIFICATIONS AND PIPE BEDDING AND HAUNCHING DETAILS FOR DIMENSIONS AND MATERIALS

White House Utility District — WATER & WASTEWATER	WHITE HOUSE UTILITY DISTRICT	DATE : JUNE 2024 SCALE : N.T.S.
	TRENCH TERMINOLOGY DETAIL	STD-G-05



White House Utility District — WATER & WASTEWATER	WHITE HOUSE UTILITY DISTRICT	DATE : JUNE 2024 SCALE : N.T.S.
	PIPE BEDDING & HAUNCHING DETAILS FORCE MAINS	STD-G-13



100 PSI TEST PRESSURE (SANITARY SEWER FORCE MAIN)
200 PSI TEST PRESSURE (WATER MAIN)
2000 PSF SOIL BEARING

BLOCKING DIMENSIONS

		X*	A	B	C	D
DEAD END & TEES		10"	1'-0"	2'-6"	4'-0"	2'-6"
		8"	0'-10"	2'-3"	3'-3"	2'-0"
		6"	0'-8"	1'-6"	2'-6"	1'-6"
BENDS	90°	10"	1'-0"	3'-6"	5'-0"	2'-9"
		8"	0'-10"	2'-9"	4'-0"	2'-3"
		6"	0'-8"	2'-0"	3'-0"	1'-9"
	45°	10"	1'-0"	1'-9"	3'-0"	2'-6"
		8"	0'-10"	1'-6"	2'-6"	2'-0"
		6"	0'-8"	1'-3"	2'-0"	1'-6"
	22½°	10"	1'-0"	1'-4"	2'-6"	1'-6"
		8"	0'-10"	1'-0"	2'-0"	1'-3"
		6"	0'-8"	0'-9"	1'-6"	1'-0"
	11¼°	10"	1'-0"	0'-6"	1'-6"	1'-3"
		8"	0'-10"	0'-6"	1'-4"	1'-0"
		6"	0'-8"	0'-6"	1'-0"	0'-9"

X* = DIAMETER OF PIPE TO BE BLOCKED

NOTES:
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI.
2. SEE APPROVED WHUD MATERIALS LIST.

White House Utility District — WATER & WASTEWATER	WHITE HOUSE UTILITY DISTRICT	DATE : JUNE 2024 SCALE : N.T.S.
	TYPICAL BLOCKING DETAIL	STD-G-09

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	BR-NH-6(127)	U9 - 4

GreenLID Design
114 B West Main Street
Gallatin, TN 37066
615-230-7269
office@greenliddesign.com

LEGEND

- CONCRETE MONUMENT (OLD)
- CONCRETE MONUMENT (NEW)
- IRON ROD (OLD)
- IRON ROD (NEW)
- BENCHMARK
- BOUNDARY LINE
- BUFFER
- SETBACK / YARD
- PUDE
- EXTRUDED CURB
- SS — SANITARY SEWER LINE
- W — WATER LINE
- STORM SEWER
- G — GAS LINE
- OHE — OVERHEAD UTILITY LINE
- UGT — UNDERGROUND UTILITY LINE
- FENCE
- TREE LINE
- UTILITY POLE
- UTILITY POLE W/ LIGHT
- GUY ANCHOR
- TELEPHONE MANHOLE
- ELECTRIC JUNCTION BOX
- CABLE PEDESTAL
- SANITARY SEWER MANHOLE
- WATER METER
- WATER VALVE
- BLOW OFF VALVE
- AIR RELEASE ASSEMBLY
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- A/C PAD

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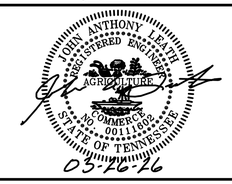

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WATER LINE RELOCATION
NASHVILLE PIKE
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PROJECT DETAILS
U9 - 4

JOB #22.096G

MARCH 02, 2026