

04-16-2026

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ANDREW PAUL WISNIEWSKI Date: 2026.04.16 08:01:13 -05'00'

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TENNESSEE DEPARTMENT OF TRANSPORTATION
MAIN OFFICE BUILDING, 2ND FLOOR,
6601 CENTENNIAL BLVD,
NASHVILLE, TN 37243
ANDREW WISNIEWSKI, P.E. NO. 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
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OFFSET BASIN DETAILS	2G
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DRAINAGE MAP	6
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SIGNING AND PAVEMENT MARKING PLAN	15
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TRAFFIC CONTROL PLANS	T1 – T12

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

YEAR	PROJECT NO.	SHEET NO.
2026	R-BR-NH-6(128)	ROADWAY-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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Index Of Sheets
SEE SHEET NO. 1A

TO BE BUNDLED WITH:
PIN 124722.00

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

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

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	R-BR-NH-6(128)	
STATE PROJ. NO.	83077-3220-94	

SUMNER COUNTY

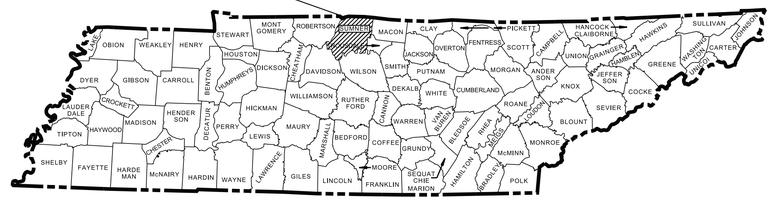
S.R. 6: (NASHVILLE PIKE) BRIDGE OVER
EAST FORK STATION CAMP CREEK,
L.M. 11.91 IN GALLATIN (IA) (GFT-26)

PS&E

BRIDGE REPLACEMENT

STATE HIGHWAY NO. 6 U.S. ROUTE NO. 31 E

PROJECT LOCATION
BRIDGE ID. # 83SR0060009



NO EXCLUSIONS

PHASED CONSTRUCTION

SPEED LIMIT REDUCED TO
35 MPH DURING CONSTRUCTION

DESIGN EXCEPTION
APPROVED 03-17-21

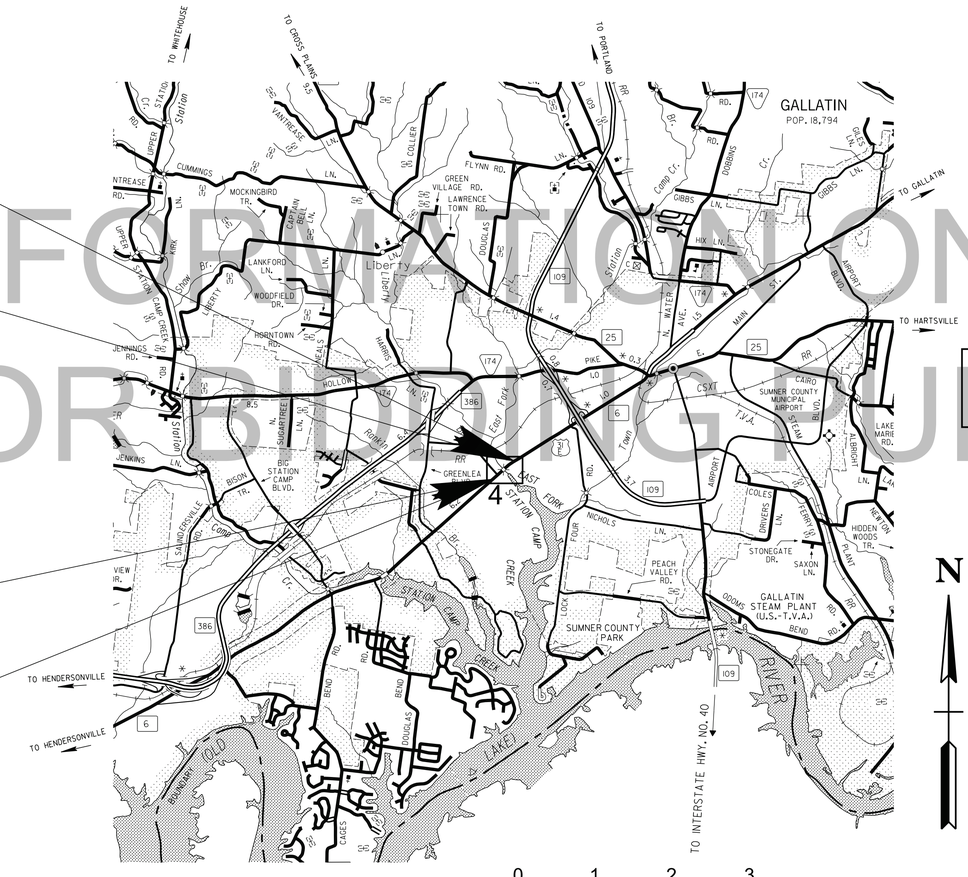
1) [LANE WIDTHS]
[11' ON ENTIRE PROJECT]

83077-2220-94
END PROJECT NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168 E 1826245.0280

83077-3220-94
END PROJECT NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050 E 1826214.7898

83077-2220-94
BEGIN PROJECT NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280 E 1825389.7006

83077-3220-94
BEGIN PROJECT NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280 E 1825389.7006



SCALE: 1"= 5280'

0 1 2 3 MI

R.O.W. LENGTH	0.208 MILES
ROADWAY LENGTH	0.168 MILES
BRIDGE LENGTH	0.033 MILES
BOX BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES ▲
PROJECT LENGTH	0.201 MILES

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

SEALED BY
ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011497
STATE OF TENNESSEE
03-31-2026

APPROVED:
SHANE HESTER, CHIEF ENGINEER

DATE:

APPROVED:
WILL REID, COMMISSIONER

SPECIAL NOTES

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

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

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

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

P.E. NO. 83077-1220-94 (DESIGN)

PIN NO. 124721.00

SURVEY 07/24/19	TRAFFIC DATA	
SURVEY UPDATE 01/07/20	ADT (2026)	33,040
SURVEY UPDATE 04/19/21	ADT (2046)	49,580
	DHV (2046)	4,961
	D	50 - 50
	T (ADT)	10 %
	T (DHV)	7 %
	V	45 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.

INFORMATION ONLY
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	1A
PS&E	2026	R-BR-NH-6(128)	1A

ROADWAY INDEX

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

NOTE: THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN 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

STANDARD 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-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-6	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 1:1 & 2:1 SLOPES
RD-UD-7	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 3:1 & 4:1 SLOPES

ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

DWG.	REV.	DESCRIPTION
RP-D-15	04-01-25	DETAILS OF STANDARD CONCRETE DRIVEWAYS
RP-R-1	04-21-25	STANDARD RAMP DETAILS FOR ROADWAYS AND DRIVEWAYS
S-F-1	03-01-23	HIGH VISIBILITY FENCE
S-F-10	07-17-20	STANDARD RIGHT-OF-WAY STOCK FENCE
S-F-10B	06-28-19	STANDARD RIGHT-OF-WAY CHAIN LINK FENCE
S-FG-11	07-30-24	STOCK FENCE GATES AND CHAIN FENCE CLOSURE
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-PM-4		SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES
MM-PM-5	05-04-22	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES AT INTERSECTIONS
MM-SW-1	07-07-23	DETAILS FOR CONCRETE SIDEWALKS
MM-TS-1	06-15-21	BIKE ACCOMMODATION DESIGN GUIDANCE
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-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-GRS-7	01-09-24	SHORT – RADIUS GUARDRAIL SYSTEM (SRGS)
S-GRS-7A	07-30-24	SHORT – RADIUS GUARDRAIL SYSTEM (SRGS) ANCHOR DETAILS
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR
S-GRA-4	03-01-23	IN-LINE GUARDRAIL ANCHOR TO PRIVATE DRIVE

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-6	11-30-20	ROCK CHECK DAM
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-11	03-16-17	CULVERT PROTECTION TYPE 1
EC-STR-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-30		INSTREAM DIVERSION (WITHOUT TRAFFIC)
EC-STR-30A		INSTREAM DIVERSION (WITH TRAFFIC)
EC-STR-38	08-01-12	FLOATING TURBIDITY CURTAIN

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ANDREW WISNIEWSKI
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COMMERCE
001139
STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	1A1
PS&E	2026	R-BR-NH-6(128)	1A1

STANDARD TRAFFIC DESIGN DRAWINGS

10-200.00 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

10-204.00 DESIGN - TRAFFIC CONTROL

T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
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

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001127
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD TRAFFIC DESIGN DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	1B
PIH	2025	R-BR-NH-6(128)	1B
PS&E	2026	R-BR-NH-6(128)	1B

PROJECT COMMITMENTS

COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STA. / LOCATION
EDEC001	ENVIRONMENTAL - ENVIRONMETNAL DIVISION, ECOLOGY	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 completed 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.	STR-1 (EAST FORK STATION CAMP CREEK)
EDHZ002	ENVIRONMENTAL - ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	An Asbestos Containing Material (ACM) survey was performed on Bridge No. 83SR0060009, SR-6 over East Fork Station Camp Creek LM 11.91 (83-SR006-11.91). The bridge has asbestos in the deck drains; approximately 50 linear feet of transite deck drains at 15% chrysotile, 1% amosite and 1% crocidolite . Please see the report for further details and photographs.	BRIDGE NO. 83SR0060009
EDHZ2003	ENVIRONMENTAL - ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	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 (April 1, 2026) Sections 107.08 D and 202.03).	BRIDGE NO. 83SR0060009
ETR3001	ENVIRONMENTAL- ENVIRONMENTAL TECH OFFICE, REGION 3	In accordance with the Programmatic Consultation for Addressing Cliff Swallows and Barn Swallows on Transportation Projects dated 9/16/2020, 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 may be removed or destroyed, and measures may be implemented to prevent future nest building at the site (e.g., closing off area using netting).	STR-1 (EAST FORK STATION CAMP CREEK)
EDPL004	ENVIRONMENTAL - ENVIRONMENTAL DIVISION, PLANNING	The following environmental commitments are being made in regard to the Rotary Park at Liberty Branch Recreation Area and are in compliance with the approved November 2022 Determination of Section 4(f) De Minimis Use: Access to the Rotary Park at Liberty Branch Recreation Area will be maintained via the main entrance off North Blue Jay Way during and post construction; Partial access under the SR-6 (Nashville Pike) bridge for canoe and kayak movement will be maintained during construction, except during active demolition; The canoe and kayak launch area as well as the parking area will remain open during construction; If during subsequent project development phases, the design features associated with the State Route 6 (Nashville Pike) Bridge over East Fork Station Camp Creek (Log Mile 11.91) are modified from what was proposed in the approved November 2022 Determination of Section 4(f) De Minimis Use, the TDOT Environmental Division is to be notified immediately in writing.	NORTH BLUE JAY WAY; BRIDGE NO. 83SR0060009
ETR3002	ENVIRONMENTAL- ENVIRONMENTAL TECH OFFICE, REGION 3	Tree cutting may only take place October 1st through March 31st.	PROJECT SITE
ETR3003	ENVIRONMENTAL- ENVIRONMENTAL TECH OFFICE, REGION 3	Bridge construction may only begin October 1st through March 31st.	PROJECT SITE

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ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 0011426 STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROJECT COMMITMENTS

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PIH	2025	R-BR-NH-6(128)	2
PS&E	2026	R-BR-NH-6(128)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 83077-3220-94
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	0.5
	108-03	CPM PROJECT SCHEDULE	LS	0.5
	201-01	CLEARING AND GRUBBING	LS	0.5
1,5	202-01.01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
2,4,6,28	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	8576
31	203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	3455
21	203-06	WATER	M.G.	54
30	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	402
	203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	709
29	203-50	CONSTRUCTION OF HAUL ROAD	LS	1
6,38	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	0.6
4,6	209-05	SEDIMENT REMOVAL	C.Y.	168
4,6,23	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	3046
4,6	209-08.07	ROCK CHECK DAM	EACH	12
4,6	209-08.08	ENHANCED ROCK CHECK DAM	EACH	4
3,4,6	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	6
4,6,42	209-13.04	TURBIDITY CURTAIN (EPSC STAGE 2A & 2B)	L.F.	500
4,6	209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH	2
4,6	209-65.04	TEMPORARY IN STREAM DIVERSION	L.F.	500
26	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	5377
22	303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING D	TON	219
4,6,12	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	1620
	307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	TON	241
	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	523
13	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	428
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	8
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	27
14	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	11.5
15	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	420
16	411-02.10	ACS MIX(PG70-22) GRADING D	TON	1416
	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	1.0
17	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	1455
33	607-16.03	34"X 22" HORIZONTAL OVAL CONCRETE PIPE CULVERT	L.F.	84
	607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	58
	701-02	CONCRETE DRIVEWAY	S.F.	3166
	701-02.03	CONCRETE CURB RAMP	S.F.	236
	702-01.01	EXTRUDED SLOPING CURB	L.F.	230
	705-06.01	W BEAM GR (TYPE 2) MASH TL3	L.F.	188
	705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL3	EACH	2
	705-06.11	GR TERMINAL (IN-INLINE) MASH TL3	EACH	1
	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	3
	705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	2
	706-01	GUARDRAIL REMOVED	L.F.	532
	706-06.03	RADIUS RAIL	L.F.	38
	706-10.26	ROUNDED END ELEMENT	EACH	1
	706-10.80	MICHIGAN AND MODIFIED MICHIGAN END SHOE	EACH	2
39	707-06.01	REMOVAL OF FENCE (CHAIN-LINK & WOOD PICKETT)	L.F.	317
	707-06.02	REMOVAL OF GATE (STA. 627+66.00, TRACT 4 & STA. 634+25.00, TRACT 7)	EACH	2
	707-08.02	GATE (STA. 627+57.50, TRACT 4)	EACH	1
4,6	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	1385
	708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	7
4,6,11	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	250
4,6,19	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	295
10	709-05.09	MACHINED RIP-RAP (CLASS C)	TON	3780
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	2130
	710-05	LATERAL UNDERDRAIN	L.F.	405
	710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	12
	712-01	TRAFFIC CONTROL	LS	0.5
41	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	920
	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	8
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	338

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 83077-3220-94
	712-04.50	BARRIER RAIL DELINEATOR	EACH	13
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	26
	712-06	SIGNS (CONSTRUCTION)	S.F.	990
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	156
6	712-08.03	ARROW BOARD (TYPE C)	EACH	2
	712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	EACH	2
	713-02.30	FLEXIBLE TUBULAR DELINEATOR	EACH	30
	713-11.01	"U" SECTION STEEL POSTS	LB.	383
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	419
	713-11.21	P POST SLIP BASE	EACH	4
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	22
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	35
	713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	40
5	713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	EACH	10
6	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2
30	713-16.20	SIGNS (PROTECTED AREA, 36" X 24")	EACH	6
	716-01.05	TEMPORARY RAISED PAVEMENT MARKER	EACH	258
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	146
	716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	97
	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	243
8	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	57
8	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	144
8	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	11
	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	96
	716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	L.F.	350
	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.2
8	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	7
8	716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	EACH	6
8	716-04.15	PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED	EACH	8
	716-04.21	GREEN TEXTURED BIKE LANE	S.Y.	50
34	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	152
34	716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	EACH	5
34, 35	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	11.3
24	716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	L.F.	26958
24	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	152
24,27	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH	10
24	716-08.11	REMOVAL OF WORD PAVEMENT MARKING (ONLY)	EACH	4
36	716-09.42	CONTRAST PAVEMENT MARKING 6" (TAPE)	L.F.	1710
36	716-09.57	CONTRAST PVMT SHADOW MARKING 6" (TAPE)	L.F.	90
36	716-09.89	CONTRAST PAVEMENT MARKING 12"	L.F.	126
37	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	5.1
	717-01	MOBILIZATION	LS	0.5
18	740-07.04	GEOGRID REINFORCEMENT TYPE 2	S.Y.	2735
4,6,7,40	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	1068
32	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	3239
25,30	801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	UNIT	28
4,6,25	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	120
20,25	801-02	SEEDING (WITHOUT MULCH)	UNIT	18
4,6,9	801-03	WATER (SEEDING & SODDING)	M.G.	60
30	802-12.02	ACER RUBRUM (RED MAPLE SEEDLNG B.R.)	EACH	52
30	802-12.03	ACER SACCHARINUM (SILVER MAPLE SEEDLNG B.R.)	EACH	52
30	802-12.07	BETULA NIGRA (RIVER BIRCH SEEDLNG B.R.)	EACH	52
30	802-12.37	QUERCUS PALUSTRIS (PIN OAK SEEDLNG B.R.)	EACH	52
30	802-12.67	AMELANCHIER ARBOREA (COMMON SERVICEBERRY SEEDLING B.R.)	EACH	22
30	802-13.53	CEPHALANTHUS OCCIDENTALIS (BUTTONBUSH SDLNG BARE ROOT)	EACH	22
30	802-13.60	SAMBUCUS CANADENSIS (ELDERBERRY SDLNG BARE ROOT)	EACH	22
30	802-13.66	CORNUS DRUMMONDII (ROUGH LEAF DOGWOOD SDLING B.R.)	EACH	52
	803-01	SODDING (NEW SOD)	S.Y.	4250
20	805-01.03	TURF REINFORCEMENT MAT (CLASS III)	S.Y.	1962

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
001
STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	2-1
PS&E	2026	R-BR-NH-6(128)	2-1

FOOTNOTES

(1) REMOVE EXISTING PIPES, RETAINING WALL (TRACT 7) AND OTHER OBSTRUCTIONS.

(2) INCLUDES 36 C.Y. FOR TEMPORARY CONSTRUCTION EXITS, 1867 C.Y. FOR OFFSET BASIN EARTH EXCAVATION AND 1032 C.Y. FOR OFFSET BASIN ROCK EXCAVATION.

(3) INCLUDES 2 EXTRA FILTER BAGS PER LOCATION FOR REPLACEMENT (4 EXTRA IN TOTAL).

(4) SEE SUBSECTION 209.07 OF THE STD. SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

(5) SEE SHEET 2F1 FOR DETAILS.

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

(7) INCLUDES 430 S.Y. FOR TEMPORARY CONSTRUCTION EXITS, 192 S.Y. FOR SEDIMENT FILTER BAGS, AND 446 S.Y. FOR CULVERT PROTECTION (TYPE 1).

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

(9) INCLUDES 12 M.G. FOR EPSC, 43 M.G. FOR SODDING, 3 M.G. FOR OFFSET BASIN, AND 2 M.G. FOR SEEDING (WITHOUT MULCH) ON SPECIAL DITCHES.

(10) TO BE USED FOR BRIDGE APRON AT BRIDGE ENDS.

(11) TO BE USED TO CONSTRUCT TEMPORARY CONSTRUCTION EXITS

(12) INCLUDES 1574 TONS FOR BRIDGE ENDS, 20 TONS FOR SEDIMENT FILTER BAG, AND 26 TONS FOR CULVERT PROTECTION (TYPE 1).

(13) INCLUDES 215 TONS FOR SPOT REPAIR TO BE USED AS DIRECTED BY THE ENGINEER.

(14) INCLUDES 8 TONS FOR MILLING AND OVERLAY OF TRANSITION AREAS AFTER TRAFFIC CONTROL PHASES ARE COMPLETED.

(15) INCLUDES 226 TONS FOR MILLING AND OVERLAY OF TRANSITION AREAS AFTER TRAFFIC CONTROL PHASES ARE COMPLETED.

(16) INCLUDES 966 TONS FOR MILLING AND OVERLAY OF TRANSITION AREAS AFTER TRAFFIC CONTROL PHASES ARE COMPLETED.

(17) INCLUDES 1179 TONS FOR MILLING AND OVERLAY OF TRANSITION AREAS AFTER TRAFFIC CONTROL PHASES ARE COMPLETED.

(18) TO BE USED FOR BRIDGE ENDS.

(19) INCLUDES 42 TONS FOR BRIDGE ENDS, 5 TONS FOR OFFSET BASIN DITCH, AND 248 TONS FOR CULVERT PROTECTION (TYPE 1).

(20) TO BE USED FOR SPECIAL DITCH LINING.

(21) INCLUDES 48 M.G FOR BASE MATERIAL AND 6 M.G FOR EMBANKMENT.

(22) TO BE USED FOR MAINTENANCE OF TRAFFIC AND AS DIRECTED BY ENGINEER.

(23) INCLUDES 196 L.F. FOR SEDIMENT FILTER BAGS.

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

(25) THE COST OF FERTILIZER AND LIME USED IN INTITIAL SEED BED PREPARATION IS TO BE INCLUDED IN THE COST AND SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

FOOTNOTES

(26) INCLUDES 298 TONS FOR DRIVEWAYS.

(27) INCLUDES THE COST OF REMOVAL FOR THE SHARROWS IN THE TURN LANE.

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

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

(30) TO BE USED FOR OFFSET BASIN.

(31) TO BE USED BETWEEN STATION 626+00 AND STATION 628+50 OR OTHERWISE AS DIRECTED BY ENGINEER FOR THE STABILIZATION OF SUBGRADE (QUANTITY PROVIDED BY GEOTECH).

(32) 822 SY TO BE USED FOR BRIDGE ENDS AND 2417 SY TO BE USED BETWEEN STATION 626+00 AND STATION 628+50 OR OTHERWISE AS DIRECTED BY ENGINEER FOR STABILIZATION OF SUBGRADE (QUANTITY PROVIDED BY GEOTECH).

(33) TO BE USED FOR SIDE DRAINS ON TRACTS 5 AND 8. SIDE DRAINS MUST BE RCP.

(34) TO BE USED AS TEMPORARY PAVEMENT MARKINGS. PAY ITEM INCLUDES THE COST FOR REMOVAL OF THE TEMPORARY PAINT.

(35) INCLUDES 6.2 L.M. FOR TRAFFIC CONTROL AND 5.1 L.M. TO BE USED ON MILLED SURFACES.

(36) FINAL PAVEMENT MARKINGS TO BE USED ON BRIDGE RIDING SURFACE.

(37) TO BE USED AS FINAL PAVEMENT MARKINGS.

(38) 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.

(39) INCLUDES 135 L.F. FOR CHAIN LINK FENCE (TRACT 5) & 182 L.F. FOR WOOD PICKETT FENCE (TRACT 7).

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

(41) THE PORTABLE BARRIER RAIL USED ON THE BRIDGE DECK AND APPROACH SLABS (224'-6" LENGTH) SHALL BE BOLTED DOWN DURING PHASE 1 AND STIFFENED DURING PHASE 2. SEE STANDARD DRAWINGS STD-2-1 AND STD-2-3 FOR DETAILS. ALL COSTS FOR THE ANCHOR BOLTS AND STIFFENER ASSEMBLIES AND THEIR INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM NO. 712-02.02.

(42) IF STR-1 WATER DEPTH EXCEEDS 3FT TURBIDITY CURTAINS SHALL BE USED IN LIEU OF TEMPORARY IN-STREAM DIVERSION.

INFORMATION ONLY
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SEALED BY

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

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	2B
PIH	2025	R-BR-NH-6(128)	2B
PS&E	2026	R-BR-NH-6(128)	2B

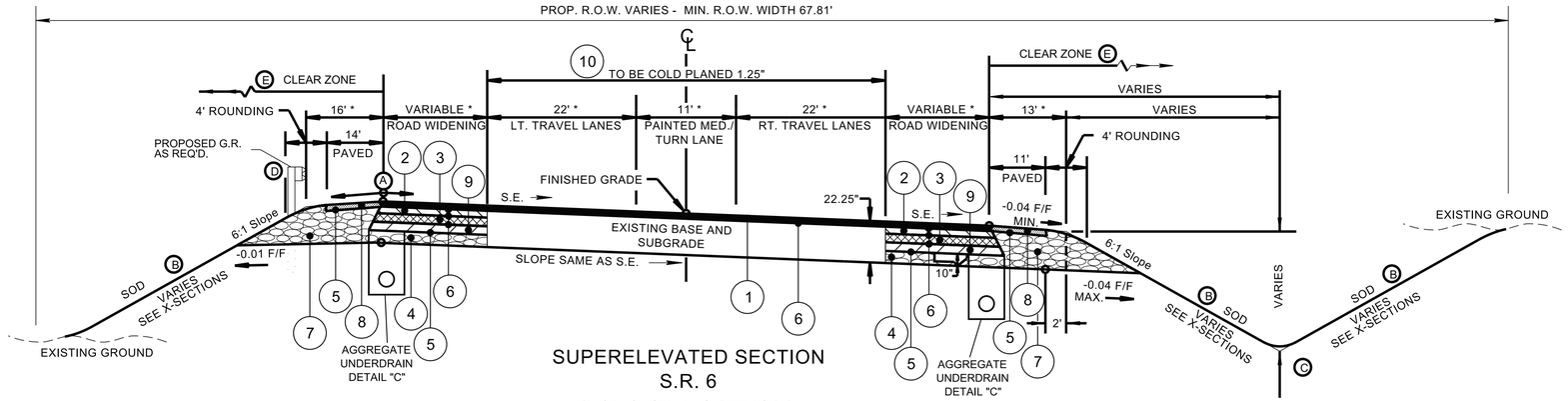
(A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

(B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.

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

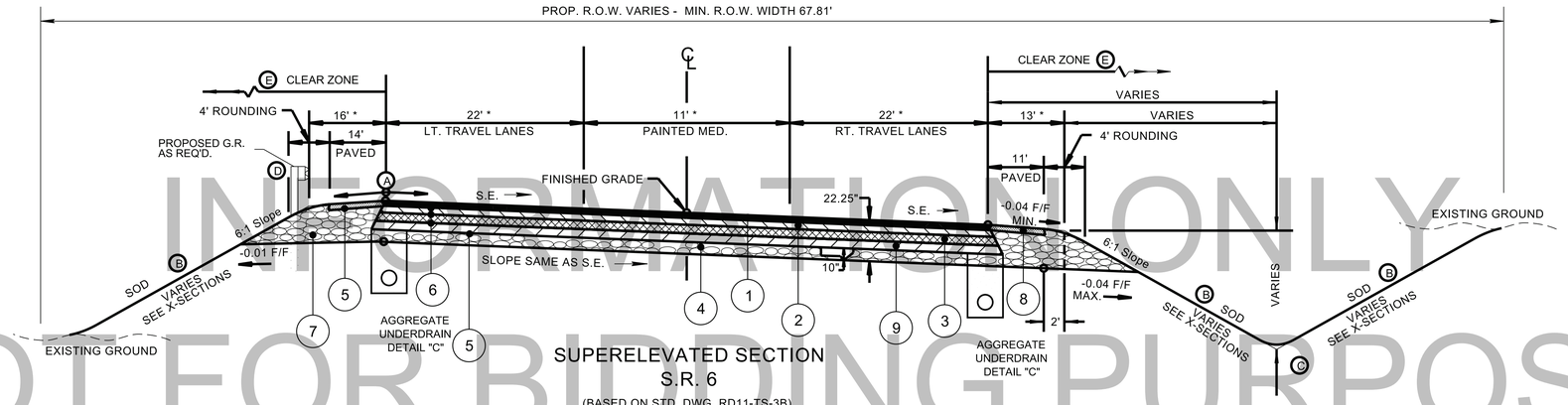
(D) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

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



SUPERELEVATED SECTION
S.R. 6

(BASED ON STD. DWG. RD11-TS-3B)
FROM STA. 624+00.00 TO STA. 627+65.00
FROM STA. 631+35.00 TO STA. 634+65.00



SUPERELEVATED SECTION
S.R. 6

(BASED ON STD. DWG. RD11-TS-3B)
FROM STA. 627+65.00 TO STA. 628+25.25
FROM STA. 630+49.75 TO STA. 631+35.00

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

TYPICAL SECTION DATA *							
STATION	SHLD. LEFT	LT. TRAVEL LANES (ROAD WIDENING)	LT. TRAVEL LANES	PAINTED MEDIAN/ TURN LANES	RT. TRAVEL LANES	RT. TRAVEL LANES (ROAD WIDENING)	SHLD. RIGHT
STA. 624+00.00 TO STA. 625+25.00	6.19' - 4.76'	0.00' - 1.47'	31.02' - 31.53'	10.82' - 11.00'	21.48' - 21.12'	0.00' - 0.88'	7.52' - 13.00'
STA. 625+25.00 TO STA. 627+00.00	4.76' - 16.00'	1.47' - 1.55'	31.62' - 20.45'	11.00'	21.12' - 18.23'	0.88' - 3.77'	13.00'
STA. 627+00.00 TO STA. 627+65.00	16.00'	1.55' - 3.28'	20.45' - 18.72'	11.00'	18.23' - 16.76'	3.77' - 5.24'	13.00'
STA. 627+65.00 TO STA. 628+49.25	16.00'		22.00'	11.00'	22.00'		13.00'
STA. 630+25.75 TO STA. 631+35.00	16.00'		22.00'	11.00'	22.00'		13.00'
STA. 631+35.00 TO STA. 633+55.00	16.00'	2.38' - 1.44'	19.62' - 20.56'	11.00'	16.50' - 19.20'	5.50' - 2.80'	13.00'
STA. 633+55.00 TO STA. 634+65.00	16.00' - 8.40'	1.44' - 0.00'	20.56' - 20.52'	11.00' - 10.62'	19.20' - 20.03'	2.80' - 0.00'	13.00' - 8.25'

PROPOSED PAVEMENT SCHEDULE

(1) SURFACE @ 1.25" THICK (APPROX. 132.50 LBS./S.Y.)
411-02.10 ASPHALTIC CONCRETE SURFACE MIX (PG70-22) GRADING "D"

(2) BINDER @ 2.00" THICK (APPROX. 226 LBS/S.Y.)
3O7-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "B-M2"

(3) BLACK BASE @ 6.00" THICK (APPROX. 690 LBS./S.Y.)
307-02.01 ASPHALT CONCRETE MIX (PG70-22)(BPMB-HM) GRADING "A"

(4) MINERAL AGGREGATE @ 10" THICK
303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING "D"

(5) PRIME COAT
402-01 BITUMINOUS MATERIAL FOR PRIME COAT @ 0.30 - 0.35 GAL/S.Y.
402-02 AGGREGATE FOR COVER MATERIAL (PC) @ 8-12 LBS/S.Y.

(6) TACK COAT
403-01 BITUMINOUS MATERIAL FOR TACK COAT
SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD

(7) MINERAL AGGREGATE @ 20.75" THICK - SHOULDER
303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING "D"

(8) SURFACE @ 1.50" THICK - SHOULDER (APPROX. 159 LBS./S.Y.)
411-01.07 ASPHALTIC CONCRETE SURFACE MIX (PG64-22) GRADING "E" SHLD.

(9) BASE @ 3.00" THICK (APPROX. 318 LBS./S.Y.)
307-01.21 ASPHALT CONCRETE MIX (PG70-22)(BPMB-HM) GRADING "A-S"

(10) COLD PLANING @ 1.25" THICK (APPROX. 131.25 LBS/S.Y.)
415-01.01 COLD PLANING BITUMINOUS PAVEMENT

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4947
STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE
NOT TO SCALE

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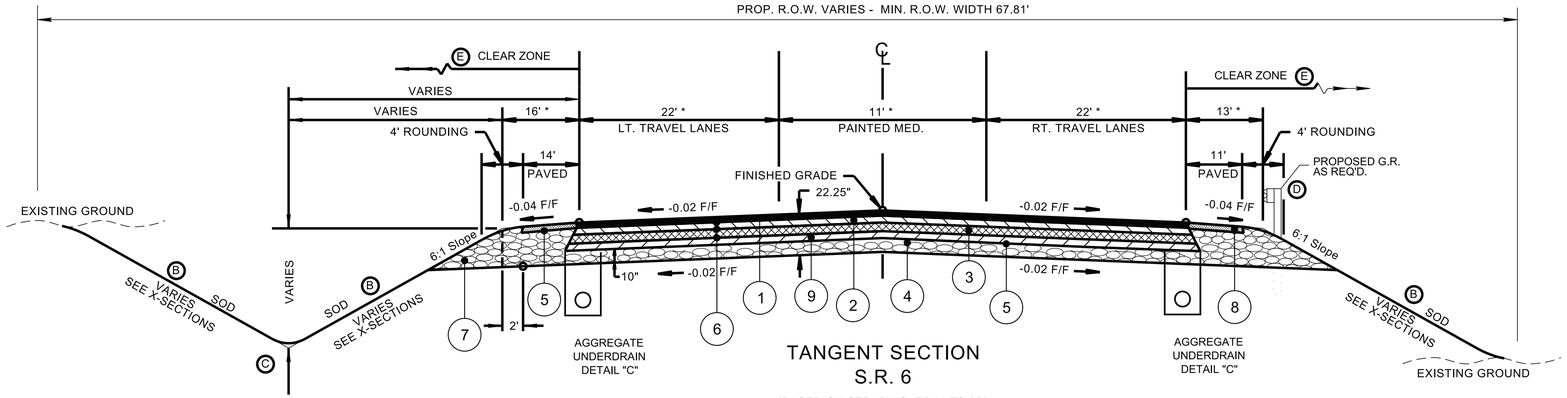
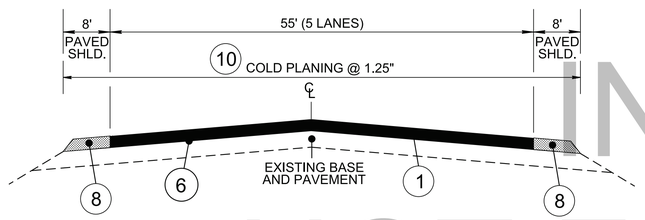
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	2B1
PIH	2025	R-BR-NH-6(128)	2B1
PS&E	2026	R-BR-NH-6(128)	2B1



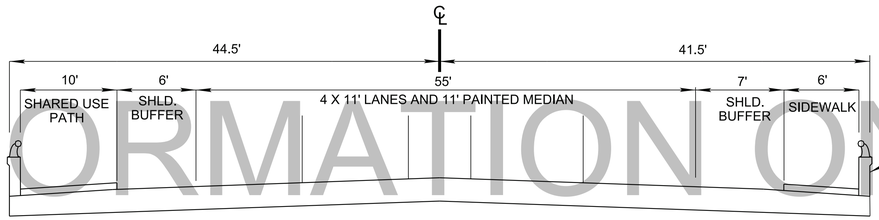
TANGENT SECTION
S.R. 6

(BASED ON STD. DWG. RD11-TS-3B)
FROM STA. 628+25.25 TO STA. 628+49.25
FROM STA. 630+25.75 TO STA. 630+49.75

*NOTE: PROP. BRIDGE ID NO. 83SR0060009
BEGIN BRIDGE STA. 628+49.25 TO
END BRIDGE STA. 630+25.75



SUMNER COUNTY SR-6 TYPICAL SECTION
STA. 612+60.00 TO STA. 624+00.00
STA. 634+65.00 TO STA. 644+80.00



BRIDGE RAIL CONCRETE PARAPET
WITH STRUCTURAL TUBING
STD-11-1

PROPOSED MULTIMODAL ACCOMMODATIONS
SR 6
TOTAL WIDTH: 86' - 0"
POSTED SPEED 45 MPH
FROM STA. 628+49.25 TO STA. 630+25.75

INFORMATION ONLY
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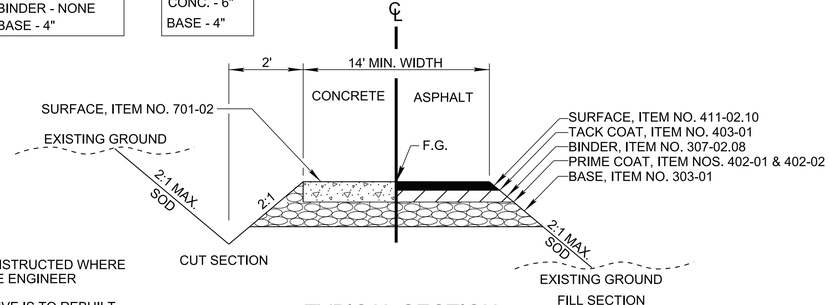
TYPICAL SECTION DATA *							
STATION	SHLD. LEFT	LT. TRAVEL LANES (ROAD WIDENING)	LT. TRAVEL LANES	PAINTED MEDIAN/ TURN LANES	RT. TRAVEL LANES	RT. TRAVEL LANES (ROAD WIDENING)	SHLD. RIGHT
STA. 624+00.00 TO STA. 625+25.00	6.19' - 4.76'	0.00' - 1.47'	31.02' - 31.53'	10.82' - 11.00'	21.48' - 21.12'	0.00' - 0.88'	7.52' - 13.00'
STA. 625+25.00 TO STA. 627+00.00	4.76' - 16.00'	1.47' - 1.55'	31.62' - 20.45'	11.00'	21.12' - 18.23'	0.88' - 3.77'	13.00'
STA. 627+00.00 TO STA. 627+65.00	16.00'	1.55' - 3.28'	20.45' - 18.72'	11.00'	18.23' - 16.76'	3.77' - 5.24'	13.00'
STA. 627+65.00 TO STA. 628+49.25	16.00'		22.00'	11.00'	22.00'		13.00'
STA. 630+25.75 TO STA. 631+35.00	16.00'		22.00'	11.00'	22.00'		13.00'
STA. 631+35.00 TO STA. 633+55.00	16.00'	2.38' - 1.44'	19.62' - 20.56'	11.00'	16.50' - 19.20'	5.50' - 2.80'	13.00'
STA. 633+55.00 TO STA. 634+65.00	16.00' - 8.40'	1.44' - 0.00'	20.56' - 20.52'	11.00' - 10.62'	19.20' - 20.03'	2.80' - 0.00'	13.00' - 8.25'

SEE SHT. 2B FOR PAVEMENT SCHEDULE

BUSINESS	FIELD OR RESIDENTIAL	CONC. DRIVES
SURFACE - 1¼" BINDER - 1¾" BASE - 4"	SURFACE - 1½" BINDER - NONE BASE - 4"	CONC. - 6" BASE - 4"



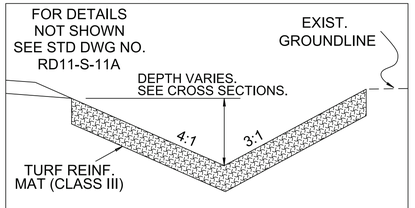
NOTES:
DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

IF CONCRETE DRIVE IS TO REBUILT, USE 6" CONCRETE WITH 4" BASE.

FOR BUSINESS ENTRANCES, FEATHER EDGES OF PAVEMENT INTO PARKING AREA AT A 12:1 SLOPE.

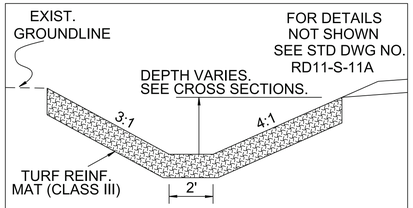
TYPICAL SECTION
PRIVATE DRIVE TO BUSINESS, FIELD, OR RESIDENTIAL PROPERTY

DETAIL 1, SPECIAL DITCH RT.



PROP. "V" BOTTOM
TURF REINF. MAT (CLASS III) DITCH
RIGHT STA. 630+80.00 TO STA. 634+65.00

DETAIL 2, SPECIAL DITCH LT.



PROP. 2' FLAT BOTTOM
TURF REINF. MAT (CLASS III) DITCH
LT. STA. 631+60.00 TO LT.STA. 634+65.00

SEALED BY



03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
NOT TO SCALE

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GENERAL NOTES

GRADING

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

(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.

(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.

(2) EXCAVATION FOR PIPE CULVERTS WILL NOT BE MEASURED AND PAID FOR DIRECTLY BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE.

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

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

FENCING

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

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

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

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

MISCELLANEOUS

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

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

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

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 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.

SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

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

PAVEMENT

PAVING

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

(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.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	2C
PS&E	2026	R-BR-NH-6(128)	2C

SEALED BY



03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

INFORMATION ONLY
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GENERAL NOTES (CONT.)

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 DESIGN DIVISION, SIGNING SECTION, TELEPHONE NO. (615)-741-0802. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ORDERING MATERIAL.

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

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

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

(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.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

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

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

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

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

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

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

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

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

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	2C1
PS&E	2026	R-BR-NH-6(128)	2C1

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SEALED BY

ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE 0011 CERT STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	2D
PS&E	2026	R-BR-NH-6(128)	2D

SPECIAL NOTES

GRADING

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

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

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

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

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

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.

EAST FORK STATION CAMP CREEK BRIDGE DEMOLITION

(1) DRILLING OR BLASTING WILL BE ALLOWED IN EAST 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, ROTARY PARK AND/OR USACE OWNED PROPERTY ARE NOT PERMITED. USING THESE AREAS WOULD RESULT IN DELAYS AND ARE AT THE CONTRACTOR'S DISCRETION.

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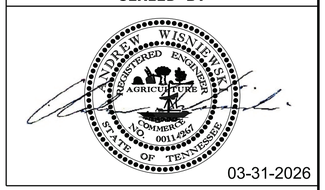

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	2E
PIH	2025	R-BR-NH-6(128)	2E
PS&E	2026	R-BR-NH-6(128)	2E

ENVIRONMENTAL NOTES

SUBSECTION 1 – ENVIRONMENTAL GENERAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

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

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

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

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

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

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

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

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

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

SPECIES

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

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

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

PERMITS, PLANS & RECORDS

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

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

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

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

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

SUPPORT ACTIVITIES

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

ENVIRONMENTAL

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

SUBSECTION 2 – ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

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

ECOLOGY

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

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

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

PROJECT COMMITMENTS

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

SCOPE OF WORK

(6) BRIDGE REPLACEMENT AND ROADWAY APPROACH WORK. ROADWAY WILL BE WIDENED AND RESURFACED.

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ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
0011497
STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	2F
PIH	2025	R-BR-NH-6(128)	2F
PS&E	2026	R-BR-NH-6(128)	2F

ESTIMATED GRADING QUANTITIES

DESCRIPTION	UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)
	EXC.	EMB.	EXC.
MAINLINE	5623	2124	4499
SIDE ROADS			
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES	18	411	15
INDEPENDENT DITCHES			
TEMPORARY CONSTRUCTION EXITS	36		29
OFFSET BASIN	1867		1494
TOPSOIL (EMB.)			
TOPSOIL (EXC.)			
TOPSOIL TOTALS (SEE TOPSOIL TABLE)			

BALANCE SUMMARY

SHRINK = 20 % SWELL = 20 %

EXC.		EMB.
7274	VS.	-2535

AVAILABLE = 4739

WASTE MATERIAL = 5687

ROCK (C.Y.) - OFFSET BASIN		TOTALS (C.Y.)				
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
1032		8576	2535	7544	7544	7274

TOPSOIL

IF EXISTING TOPSOIL IS SUITABLE FOR REUSE

PROPOSED SLOPE AREA S.F.	EXISTING TOPSOIL (EXC.)	EXISTING TOPSOIL (EMB.)	EXISTING TOPSOIL (TOTAL) C.Y.	REQUIRED TOPSOIL C.Y.	PLACING TOPSOIL 203-04 C.Y.	FURNISHED TOPSOIL 203-07 C.Y.	EXCESS TOPSOIL C.Y.
21700	402	0	402	402	402	0	0

IF EXISTING TOPSOIL IS NOT SUITABLE FOR REUSE

PROPOSED SLOPE AREA S.F.	EXISTING TOPSOIL (EXC.)	EXISTING TOPSOIL (EMB.)	EXISTING TOPSOIL (TOTAL) C.Y.	REQUIRED TOPSOIL C.Y.	PLACING TOPSOIL 203-04 C.Y.	FURNISHED TOPSOIL 203-07 C.Y.	EXCESS TOPSOIL C.Y.
38250	N/A	N/A	N/A	709	N/A	709	N/A

PAVEMENT QUANTITIES

LOCATION (ROADWAY)	TYPE - GRADE - PAY ITEM (TON)											
	MINERAL AGG. D		BITUMINOUS PLANT MIX BASE (HOT MIX) A	A-S	B-M2	PRIME COAT		TACK COAT	ASPHALTIC CONCRETE SURFACE (HOT MIX) D	E	COLD PLANING	CONCRETE DRIVEWAYS
	303-01	303-02	307-02.01	307-01.21	307-02.08	402-01	402-02	403-01	411-02.10	411-01.07	415-01.01	701-02 S.F.
S.R. 6	5079.0		523.0	241.0	171.0	6.0	20.0	3.3	378.0	194.0	276.0	
PVT. DRIVES	219.0				42.0	1.5	5.0	0.2	72.0			
CONC. DRIVES	79.0					0.5	2.0					3166.0
TRAFFIC CONTROL (DRIVEWAYS)		219.0										
RESURF. (TRAFFIC CONTROL LIMITS)								8.0	966.0	226.0	1179.0	
SPOT REPAIR (RESURF.)					215.0							
TOTALS	5377.0	219.0	523.0	241.0	428.0	8.0	27.0	11.5	1416.0	420.0	1455.0	3166.0

RIGHT OF WAY MARKERS

SHEET NO.	Item #: 708-02.01 QUANTITIES "A"	"B"	"C"	TOTALS
4A	3	1	3	7
TOTALS	3		3	7

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.)	RADIUS RAIL 706-06.03 (L.F.)	MICHIGAN END SHOE 706-10.80 (EACH)	ROUND END ELEMENT 706-10.26 (EACH)	TYPE 13 MASH TL3 (9.375') 705-06.10 (EACH)	IN-LINE MASH TL3 705-06.11 (EACH)	TYPE 38 MASH TL3 (46.875') 705-06.20 (EACH)	
4	S.R. 6	X		627+00.65	628+54.92	155.00									
4	S.R. 6		X	628+01.21	628+70.17	69.00									
4	S.R. 6	X		629+97.92	631+49.31	153.00									
4	S.R. 6		X	630+12.66	631+67.74	155.00									
4B	S.R. 6	X		625+74.58	625+84.08							1			
4B	S.R. 6	X		625+84.08	625+96.58			12.50							
4B	S.R. 6	X		625+96.58	626+43.44									1	
4B	S.R. 6	X		626+81.45	627+03.96				37.50		1		1		
4B	S.R. 6	X		627+03.96	628+28.31			125.00							
4B	S.R. 6	X		628+27.18	628+29.68					1					
4B	S.R. 6		X	627+83.17	628+30.27									1	
4B	S.R. 6		X	628+30.27	628+51.03		1								
4B	S.R. 6	X		630+22.95	630+43.48		1								
4B	S.R. 6	X		630+43.48	630+90.08									1	
4B	S.R. 6		X	630+46.57	630+49.07					1					
4B	S.R. 6		X	630+47.94	630+98.19			50.00							
4B	S.R. 6		X	630+98.19	631+07.74							1			
TOTALS						532	2.00	187.50	37.50	2.00	1.00	2.00	1.00	3.00	

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ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 0011426 STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	2F1
PIH	2025	R-BR-NH-6(128)	2F1
PS&E	2026	R-BR-NH-6(128)	2F1

REMOVAL OF SIGNS

SIGN DESCRIPTION	STATION	REMARKS
LEFT LANE SHIFT	624+00.00 RT	TO BE REMOVED.
RIGHT LANE MUST TURN RIGHT	624+65.00 LT	TO BE REMOVED AND RELOCATED.
BEGIN RIGHT TURN LANE - YIELD TO BIKES	627+00.00 LT	TO BE REMOVED AND RELOCATED.
ROTARY PARK	627+70.00 LT	TO BE REMOVED AND REPLACED.
RIGHT LANE SHIFT	627+95.00 RT	TO BE REMOVED.
OBJECT MARKER LT	628+27.00 LT	TO BE REMOVED AND REPLACED.
	630+50.00 RT	TO BE REMOVED AND REPLACED.
OBJECT MARKER RT	628+48.00 RT	TO BE REMOVED AND REPLACED.
	630+26.00 LT	TO BE REMOVED AND REPLACED.
E. FORK STATION CAMP CREEK	628+45.00 RT	TO BE REMOVED AND REPLACED.
	630+29.00 LT	TO BE REMOVED AND REPLACED.
STOPLIGHT AHEAD	631+40.00 LT	TO BE REMOVED.
LOG MILE MARKERS	633+55.00 LT	TO BE REMOVED AND REPLACED.
	633+55.00 RT	TO BE REMOVED AND REPLACED.

REMOVAL OF STRUCTURES & OBSTRUCTIONS

PAY ITEM	LOCATION	DESCRIPTION
202-01.01	LT. STA. 628+50.00+/-	SIGN
202-01.01	RT. STA. 630+10.00+/-	SIGN
202-01.01	LT. STA. 630+10.00+/-	SIGN
202-01.01	RT. STA. 632+25.00+/-	22' - 15" RCP PIPE
202-01.01	LT. STA. 632+50.00+/-	30' - 24" X 36" RCP
202-01.01	LT. STA. 632+74.00+/-	191' - 2' F.B. CONCRETE DITCH
202-01.01	LT. STA. 633+60.00+/-	SIGN
202-01.01	LT. STA. 633+70.00+/-	SIGN
202-01.01	RT. STA. 634+25.00+/-	43' - 15" RCP PIPE
202-01.01	RT. STA. 632+10.00 +/-	RETAINING WALL - 12' ON TRACT 7
202-01.01	RT. STA. 632+31.00 +/-	RETAINING WALL - 21' ON TRACT 7

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SPECIAL DITCHES

ROADWAY	STATION FROM	STATION TO	SIDE	DETAIL NO.	CONFIGURATION FORE (H/V)	CONFIGURATION BOTTOM WIDTH (FT.)	CONFIGURATION BACK (H/V)	TRM (CLASS III) 805-01.03 (S.Y.)	SEEDING W/O MULCH 801-02 (UNITS)
S.R. 6	630+80.00	634+65.00	RT.	1	4:1	"V"	3:1	1284.0	12
S.R. 6	631+60.00	634+65.00	LT.	2	4:1	2	3:1	678.0	6
TOTALS								1962	18

SIDE DRAIN TABULATION

STATION	LOCATION LT.	LOCATION RT.	DESCRIPTION	SURFACE WIDTH FT.	SKEW	RCP CLASS III OR CMP 16 GA OR PVC OR SRTRP OR HDPE OR PP (L.F.) FILL HEIGHT ≤ 10 FT. 18"	38"x24"	30"	36"	42"	48"	RCP CLASS III OR CMP 14 GA OR PVC OR SRTRP OR HDPE OR PP (L.F.) FILL HEIGHT > 10 FT. AND ≤ 16 FT 18"	24"	30"	36"	42"	48"	END TREATMENT INLET TYPE	INLET DRAWING NO.	OUTLET TYPE	OUTLET DRAWING NO.	REMARKS
631+98.00	X		FIELD ENTRANCE	30	90°		44															HORIZONTAL OVAL PIPE
632+17.00		X	PRIVATE DRIVE	14	86°	28																
632+58.00	X		BUSINESS ENTRANCE	26	84°		40															CONC. DR; HORIZONTAL OVAL PIPE
633+85.00		X	PRIVATE DRIVE	14	84°	30																CONC. DR.
TOTALS						58	84															

Pipe Tabulation For Private Drives, Business & Field Entrances

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PS&E	2026	R-BR-NH-6(128)	2G

REV. 09-25-2023 - ADDED SHEET

NOTES:

BASIN WILL BE CONSTRUCTED IN THE DRY.

THE CONTRACTOR SHALL STRIP AND STOCKPILE THE EXISTING TOPSOILWITHIN THE S.R. 6 OFFSET BASIN. ONCE GRADING WITHIN THE OFFSET BASINIS COMPLETE, THE CONTRACTOR WILL EVENLY DISTRIBUTE THE STORED TOPSOIL BACK WITHIN THE OFFSET BASIN AREA TO MATCH THE PRE-EXISTING CONDITIONS.

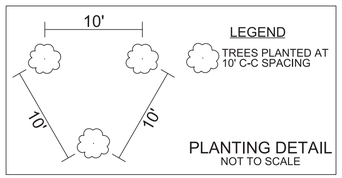
ALL DISTURBED AREAS WITHIN THE OFFSET BASIN CONSTRUCTION LIMITS SHALL HAVE GRASS SEED MIX (WITH MULCH) FOR FINAL STABILIZATION.

PLANTING SHOULD CONSIST OF 80% TREES AND 20% SHRUBS. TREES AND SHRUBS ARE TO BE PLANTED 10' O.C. PLANT AN EQUAL NUMBER OF TREES AND AN EQUAL NUMBER SHRUBS. ALTERNATE THE PLANTING OF TREE AND SHRUB SPECIES. SEE LIST OF SPECIES BELOW IN THE "TABULATED OFFSET BASIN QUANTITIES" TABLE.

*NOTE: BLASTING OF ROCK SHALL NOT BE PERMITTED WITHIN 50FT OF TOP OF BANK.

*NOTE: CONTRACTOR WILL PERFORM AS-BUILT SURVEY OF THE OFFSET BASIN ONCE CONSTRUCTION IS COMPLETE.

*NOTE: CONTRACTOR TO INSTALL EXCLUSIONARY FENCE AROUND THE PERIMITER OF THE OFFSET BASIN AND SHALL INSTALL SIGNAGE EVERY 100FT DESCRIBING THE SITE AS A "PROTECTED AREA".



FLOWAGE EASEMENT OFFSET VOLUME COMPARISON

ELEVATION RANGE	VOLUME OF FLOOD STORAGE DECREASED DUE TO ROAD CONSTRUCTION (C.Y.)	VOLUME OF FLOOD STORAGE CREATED ON EAST AND WEST FORK CREEK SITES (C.Y.)
BELOW EL 442	147	0
442-445	598	558
445-451	478	1220
TOTALS:	**1223**	**1778**

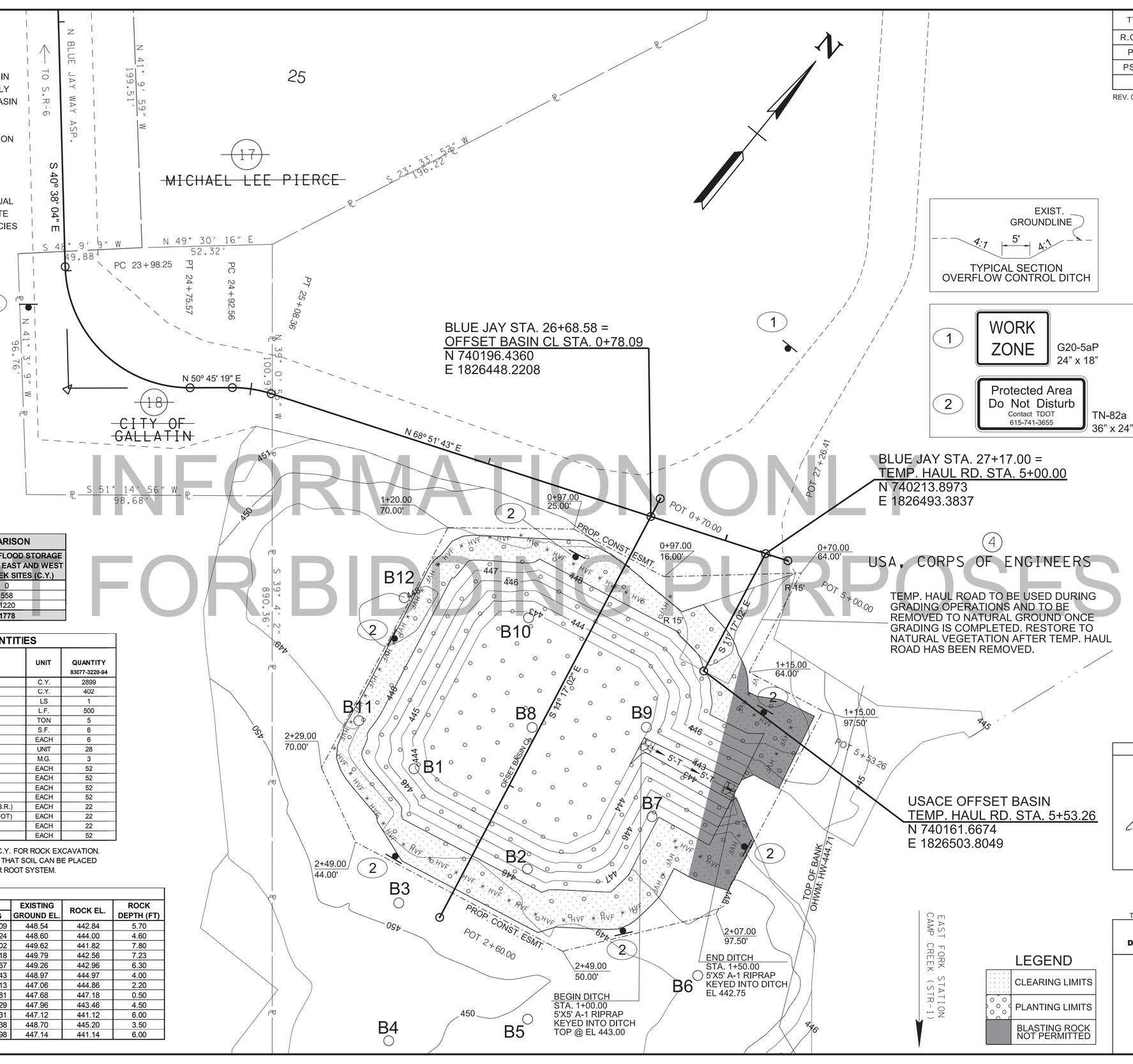
TABULATED OFFSET BASIN QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 83077-3220-94
1	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	2899
	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	402
	203-50	CONSTRUCTION OF HAUL ROAD	LS	1
	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	500
	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	5
	712-06	SIGNS (CONSTRUCTION)	S.F.	6
	713-16.20	SIGNS (PROTECTED AREA, 36" X 24")	EACH	6
	801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	UNIT	28
	801-03	WATER (SEEDING & SODDING)	M.G.	3
	802-12.02	ACER RUBRUM (RED MAPLE SEEDLNG B.R.)	EACH	52
	802-12.03	ACER SACCHARINUM (SILVER MAPLE SEEDLNG B.R.)	EACH	52
	802-12.07	BETULA NIGRA (RIVER BIRCH SEEDLNG B.R.)	EACH	52
	802-12.37	QUERCUS PALUSTRIS (PIN OAK SEEDLNG B.R.)	EACH	52
	802-12.67	AMELANCHIER ARBOREA (COMMON SERVICEBERRY SEEDLING B.R.)	EACH	22
	802-13.53	CEPHALANTHUS OCCIDENTALIS (BUTTONBUSH SDLNG BARE ROOT)	EACH	22
	802-13.60	SAMBUCUS CANADENSIS (ELDERBERRY SDLNG BARE ROOT)	EACH	22
	802-13.66	CORNUS DRUMMONDII (ROUGH LEAF DOGWOOD SDLING B.R.)	EACH	52

(1) INCLUDES 1867 C.Y. FOR EARTH EXCAVATION AND 1032 C.Y. FOR ROCK EXCAVATION. QUANTITY INCLUDES ADDITIONAL ROCK EXCAVATION SO THAT SOIL CAN BE PLACED TO ENSURE TREES AND SHRUBS HAVE ENOUGH SOIL FOR ROOT SYSTEM.

BORE DATA

BORE NO.	BORING LOCATIONS				EXISTING GROUND EL.	ROCK EL.	ROCK DEPTH (FT)
	STATION	OFFSET (FT)	NORTHING	EASTING			
B1	2+11.98	36.92	740057.907	1826438.209	448.54	442.84	5.70
B2	2+26.41	-22.11	740055.305	1826498.924	448.60	444.00	4.60
B3	OFF CHAIN	OFF CHAIN	740012.211	1826467.402	449.62	441.82	7.80
B4	OFF CHAIN	OFF CHAIN	739966.714	1826499.118	449.79	442.56	7.23
B5	OFF CHAIN	OFF CHAIN	740008.596	1826536.967	449.26	442.96	6.30
B6	2+32.35	-102.52	740065.215	1826578.943	448.97	444.97	4.00
B7	1+84.49	-56.57	740103.162	1826524.513	447.06	444.86	2.20
B8	1+75.22	2.70	740100.657	1826464.581	447.68	447.18	0.50
B9	1+53.79	-37.83	740129.598	1826500.129	447.96	443.46	4.50
B10	1+36.94	24.48	740133.931	1826435.731	447.12	441.12	6.00
B11	2+05.25	65.53	740058.914	1826408.838	448.70	445.20	3.50
B12	1+53.08	72.40	740108.725	1826391.898	447.14	441.14	6.00



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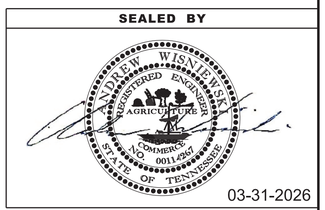

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COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID G2003U07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

OFFSET BASIN DETAILS

SCALE 1"=20'

LEGEND

- CLEARING LIMITS
- PLANTING LIMITS
- BLASTING ROCK NOT PERMITTED

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	3
PIH	2025	R-BR-NH-6(128)	3
PS&E	2026	R-BR-NH-6(128)	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 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.

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UTILITY OWNERS

CABLE:
COMCAST
660 MAINSTREAM DRIVE
NASHVILLE, TN 37228
CONTACT: KEVIN NIPPER
OFFICE PHONE:
CELL PHONE: 615 626 3325
Email: Kevinlee_Nipper@comcast.com, Nas-Nashvilleconstruction betterments@comcast.com

ELECTRIC:
GALLATIN ELECTRIC
135 JONES ST.
GALLATIN, TN 37066
CONTACT: MIKE TAYLOR
OFFICE PHONE: 615 452 5152
CELL PHONE:
Email: Mtaylor@Gallatinelectric.com

ELECTRIC/FIBER
CUMBERLAND ELECTRIC MEMBERSHIP CORP.
1940 MADISON EXTENSION
CLARKSVILLE, TN 37043
CONTACT: JONATHAN FIELDER
OFFICE PHONE: 931 645 2481, EXT: 1117
CELL PHONE:
Email: jfielder@cemc.org

WATER, SEWER, GAS:
CITY OF GALLATIN
239 HANCOCK ST.
GALLATIN, TN. 37066
CONTACT: DAVID KELLOGG
OFFICE PHONE 615 451 5922
CELL PHONE:
Email: dkellogg@gallatinutilities.com

FIBER:
LUMEN/CENTURYLINK
520 WHALEY ST.
COLUMBIA, SC 29201
CONTACT: JOHN BOEDEKER, JEFFREY CANNON
OFFICE PHONE
CELL PHONE: 512 334 8351, 615 419 6617
Email: John.Boedeker@lumen.com Jeffrey.Cannon@lumen.com

TELEPHONE:
AT&T
116 S. CANNON AVE
MURFREESBORO, TN 37129
CONTACT: LEE KORNEGAY
OFFICE PHONE: 615 848 2082
CELL PHONE: 615 631 7221
Email: kk4096@att.com

FIBER:
XO COMMUNICATIONS (VERIZON)
575 HICKORY HILLS BLVD
WHITES CREEK, TN 37189
CONTACT: MICHAEL WEAVER, DEREK DEE
OFFICE PHONE:
CELL PHONE: 615 218 0656, 615 777 7727
Email: Michael.Weaver@verizon.com, Derek.r.dee@verizon.com

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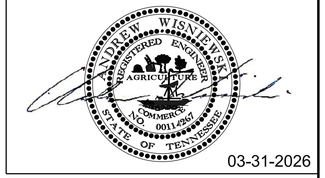

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	3A
PIH	2025	R-BR-NH-6(128)	3A
PS&E	2026	R-BR-NH-6(128)	3A

REV. 04-06-2023 - UPDATED PROPERTY OWNER NAMES, UPDATED TAX MAP NO. FOR TRACT 2, ADDED TRACT 6A, UPDATED BOOK AND PAGE NUMBERS, UPDATED TOTAL AREAS FOR TRACTS 5 AND 6, UPDATED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8, AND ADJUSTED TOTAL PROJECT AREA.

REV. 09-25-2023 - ADDED PROPERTY OWNERS FOR TRACTS 13 THROUGH 19 AND ADDED ADDITIONAL EASEMENTS AND FOOTNOTE TO TRACT 4 FOR OFFSET BASIN CONSTRUCTION.

REV. 11-08-2024 - UPDATED PROPERTY OWNERS AND COUNTY RECORDS FOR TRACTS 1 AND 2.

REV. 06-25-2025 - REDUCED TOTAL TEMPORARY CONSTRUCTION EASEMENT NEEDED FOR TRACT 5 AND REMOVED TEMPORARY CONSTRUCTION EASEMENT ON TRACT 8.

REV. 09-03-2025 - UPDATED PROPERTY OWNERSHIP INFORMATION FOR TRACT 5.

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 (1)	CONSTRUCTION (2,3)	AIR RIGHTS
				BOOK	PAGE												
1	DESTINY REAL ESTATE VENTURES, L.L.C.	136D	001.00	RB6422	810		1.886	1.886							1026 S.F.	2373 S.F.	
2	NASHVILLE PIKE PROPERTIES, L.L.C.	125	045.00	RB6386	392	6.523		6.523				6.523				1071 S.F.	
3	USA, CORPS OF ENGINEERS			DB153	425											1102 S.F.	
4	USA, CORPS OF ENGINEERS			DB153	425		14.185	14.185							2300 S.F.	0.775	
5	CITY OF GALLATIN, TENNESSEE	125M	001.03	RB6492	379	7.873		7.873	0.187		0.187	7.686				3974 S.F.	
~~6~~	~~VINTAGE BAKERS CROSSINGS OWNER, LLC~~	~~125M~~	~~001.00~~	~~RB5596~~	~~9~~	~~17.449~~		~~17.449~~				~~17.449~~					
~~6A~~	~~VINTAGE BAKERS CROSSINGS OWNER, LLC~~	~~125M~~	1.11	~~RB5753~~	~~510~~	~~3.499~~		~~3.499~~				~~3.499~~					
7	WILDA H. DODSON AND HUSBAND, WILLIAM C. HUDGINS, AS EQUAL TENANTS IN COMMON	136D	021.00	RB1677	102		9.582	9.582		0.235	0.235		9.347			1230 S.F.	
8	MICHAEL K. LEE AND CATHERINA J. LEE, HUSBAND AND WIFE	125M	002.00	RB4284	78	0.685		0.685	2841 S.F.		2841 S.F.	0.620					
~~9~~	~~BETTY HEE HOOPER~~	~~125M~~	~~004.00~~	~~RB2868~~	~~763~~	~~1.168~~		~~1.168~~				~~1.168~~					
10	CGI, LP	125M	003.00	RB1361	532	0.907		0.907	3816 S.F.		3816 S.F.	0.819					
~~11~~	~~R. CARSEY MARTIN, JR. AND WIFE NANCY JO MARTIN~~	~~136D~~	~~020.00~~	~~DB446~~	~~374~~		~~1.149~~	~~1.149~~					~~1.149~~				
~~12~~	~~COMMERCE UNION BANK~~	~~125M~~	~~005.00~~	~~RB2868~~	~~623~~	~~1.584~~		~~1.584~~				~~1.584~~					
~~13~~	~~PEDIGO GALLATIN PROPERTIES~~	~~136D~~	~~003.00~~	~~RB2163~~	~~231~~		~~1.207~~	~~1.207~~					~~1.207~~				
~~14~~	~~BROTHERS RE, LLC~~	~~136D~~	~~004.00~~	~~RB3939~~	~~308~~		~~2.073~~	~~2.073~~					~~2.073~~				
~~15~~	~~MICHAEL LEE PIERCE~~	~~136D~~	~~006.00~~	~~RB3119~~	~~700~~		~~0.961~~	~~0.961~~					~~0.961~~				
~~16~~	~~MICHAEL LEE PIERCE~~	~~136D~~	~~007.00~~	~~RB3119~~	~~700~~		~~0.877~~	~~0.877~~					~~0.877~~				
~~17~~	~~MICHAEL LEE PIERCE~~	~~136D~~	~~008.00~~	~~RB3119~~	~~700~~		~~0.909~~	~~0.909~~					~~0.909~~				
~~18~~	~~CITY OF GALLATIN~~	~~136~~	~~010.00~~	~~RB2654~~	~~459~~		~~0.229~~	~~0.229~~					~~0.229~~				
~~19~~	~~HARBHAJAN S. DHILLON~~	~~136~~	~~010.02~~	~~RB5613~~	~~645~~		~~5.964~~	~~5.964~~					~~5.964~~				
ACQUISITION TOTALS (ACRES)										**0.574**					**3326 S.F.**	**0.999**	

1.) SLOPE EASEMENTS TO BE USED TO CONSTRUCT SLOPES FROM STA. 624+55.34 TO STA. 627+31.01
2.) CONSTRUCTION EASEMENTS TO BE USED TO CONSTRUCT PRIVATE DRIVES AND TO BE USED AS WORK AREA FOR SLOPE CONSTRUCTION
3.) TRACT 4: 0.230 AC TO BE USED FOR PRIVATE DRIVES & SLOPE CONSTRUCTION AND 0.545 AC TO BE USED FOR OFFSET BASIN

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DISTURBED AREA

IN BETWEEN SLOPE LINES	2.832	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	2.093	(AC)
TOTAL DISTURBED AREA	4.925	(AC)
TOTAL PROJECT AREA	5.437	(AC)

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03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	3B
PIH	2025	R-BR-NH-6(128)	3B
PS&E	2026	R-BR-NH-6(128)	3B

REV. 04-06-2023 - UPDATED CLOSED TRACT DETAIL DUE TO CHANGES IN PROPERTY LIMITS OF TRACTS 5 AND 6. UPDATED PROPERTY LINES FOR TRACT 5, AND REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING.

REV. 06-25-2025 - REMOVED TEMPORARY CONSTRUCTION EASEMENT THAT SPLIT TRACTS 5 AND 8.

10' PERPETUAL EASEMENT FOR SEWER PURPOSES

20' DRAINAGE ESM'T.

20' UTILITY EASEMENT

EAST FORK STATION CAMP CREEK (STR-1)

PC 627+08.35

10' OFF CENTER OF UTILITY LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

625

630

635

PRES. ROW

25' WATER AND SEWER EASEMENT

WWC-3/EPH-2

PROP. R.O.W.

30' SEWER EASEMENT

20' UTILITY ESM'T

S 27° 35' 24" E

LAKE DR ASP.

HARRIS LN ASP.

S 41° 42' 02" E

N 48° 53' 37" E

NASHVILLE PIKE (SR-6) ASP.

45' P.U.D.E.

N BLUE JAY WAY ASP.

S 40° 38' 04" E

10' P.U.D.E.

83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

20' SETBACK AND SANITARY SEWER EASEMENT

TO OFFSET BASIN

EXISTING BRIDGE T.B.R.
STA. 629+37.50
BRIDGE ID NO. 83SR00060009
142'-6" - 5 SPAN CONCRETE
68'-6" OUT-TO-OUT WIDTH
SKEW 75°

SANITARY SEWER EASEMENT

10' OFF CENTER OF SEWER LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

CLOSED TRACT DETAIL
N.T.S.

LOCATION OF OFFSET BASIN (TRACT 4). SEE SHT. 2G FOR DETAILS.

EAST FORK STATION CAMP CREEK (STR-1)

SR-6 STA. 635+04.36 =
LAKE DR STA. 45+00.00
N 741967.9857
E 1826246.8127

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

LEGEND	
CONST. ESMT.	
SLOPE ESMT.	

SEALED BY
ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4947
STATE OF TENNESSEE
03-31-2026

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. 622+42.75 TO STA. 636+48.75

SCALE: 1"= 50'

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DRAINAGE / HYDRAULIC DATA
FOR EXISTING BRIDGE STA. 629+37.27
STREAM NAME: EAST FOR STATION CAMP CREEK

BRIDGE ID. #: 83SR0060009
STREAM BED LINING: SILT
DIRECTION OF FLOW: RIGHT
DRAINAGE AREA 21,455 AC; ( ) FLAT; (X) ROLLING; ( ) HILLY; ( ) MTNS
PRESENT STRUCTURE: SPAN 139.71', HEIGHT 15.14', STRUCTURE: CONCRETE
SUPERSTRUCTURE: CONCRETE
BEGIN STATION - OFFSET 628+65.26 - 0.00' O/S, END STATION -
OFFSET 630+03.01 - 0.00' O/S
LOW BEAM ELEV. 460.20', LOCATION: RIGHT MOST GIRDER (LOOKING UP STATION)
INLET INVERT ELEV. 437.1', OUTLET INVERT ELEV. 436.9'
NORMAL WATER ELEV. 445.06', EXTREME HIGHWATER ELEV. 457', DATE: 3/2019
HOW OBTAINED: PUMP STATION WORKER.
BACKWATER FROM WHAT STREAM (IF APPLICABLE): N/A
EXISTING STRUCTURE CONDITION: FAIR

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	4
PIH	2025	R-BR-NH-6(128)	4
PS&E	2026	R-BR-NH-6(128)	4

REV. 04-06-2023 - UPDATED PROPERTY LINES FOR TRACT 5, REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING, AND UPDATED PROPERTY OWNER NAMES FOR TRACTS 5, 7 AND 8.

REV. 11-08-2024 - UPDATED PROPERTY OWNERS FOR TRACTS 1 AND 2.

REV. 04-09-2025 - REMOVED "TO BE REMOVED AND RESET" NOTES FOR WROUGHT IRON FENCE AND GATE ON TRACT 7.

REV. 04-15-2025 - ADDED NOTE ON TRACT 7 REFERRING TO TULIP POPULAR TREES.

REV. 06-25-2025 - RELOCATED DRIVEWAY ON TRACT 5 AND REDUCED LIMIT OF CONSTRUCTION FOR DRIVEWAY ON TRACT 8, REMOVED TEMPORARY CONSTRUCTION EASEMENT THAT SPLIT TRACTS 5 AND 8.

REV. 09-03-2025 - UPDATED PROPERTY OWNER FOR TRACT 5.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

SR-6 STA. 635+04.36 =
LAKE DR STA. 45+00.00
N 741967.9857
E 1826246.8127

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

10' OFF CENTER OF UTILITY LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

10' OFF CENTER OF SEWER LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

PROP. SR-6
PI 632+92.62
N 741,859.4521
E 1,826,062.2412
Δ 8° 21' 15" (RT)
D 0° 42' 58"
R 8,000.00
L 1,166.45
T 584.26
SE NORMAL CROWN (-0.020 FT/FT)
DESIGN SPEED 45 MPH
TRANS. LENGTH: MATCH EXISTING

EXISTING BRIDGE T.B.R.
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
142'-6" - 5 SPAN CONCRETE
68'-6" OUT-TO-OUT WIDTH
SKEW 75°

CONC. DITCH TO BE REMOVED FROM LT. STA. 632+74.00 TO LT. STA. 634+65.00.

CONTRACTOR TO USE BEST EFFORTS TO SAVE TULIP POPULAR

STRUCTURE	TOP	INVERT
MH 01	TOP 463.88	INV-454.37
MH 02	TOP 460.85	INV-447.50
MH 03	TOP 460.14	INV-449.80
MH 04	TOP 459.27	INV-449.25
MH 05	TOP 458.39	INV-446.23
MH 06	TOP 451.67	INV-446.47
MH 07	TOP 450.96	INV-445.76
MH 08	TOP 450.89	INV-445.29
MH 09	TOP 459.35	INV-443.99
MH 10	TOP 452.86	INV-446.27
MH 11	TOP 451.47	INV-443.67
MH 12	TOP 452.62	INV-436.12
MH 13	TOP 452.31	INV-437.17
MH 14	TOP 449.44	INV-437.24
MH 15	TOP 450.01	INV-438.01
MH 16	TOP 448.19	INV-443.48
MH 17	TOP 460.21	INV-451.31
MH 18	TOP 467.05	INV-455.05
MH 19	TOP 463.54	INV-457.14
MH 20	TOP 476.28	INV-470.66
MH 21	TOP 490.75	INV-483.55
MH 22	TOP 501.75	INV-493.64

Point	North	East	Elevation	Station	Offset	Feature	Description
S27	741472.4559	1825673.7353	460.4380	627+45.97	34.8698	XCP	83-06-27
S28	741804.6289	1825955.9886	469.9730	631+74.48	-42.1059	XCP	83-06-28

LEGEND	
CONST. ESMT.	
SLOPE ESMT.	

SEALED BY
DREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011257
STATE OF TENNESSEE
03-31-2026

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. 622+42.75 TO STA. 636+48.75
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	4A
PIH	2025	R-BR-NH-6(128)	4A
PS&E	2026	R-BR-NH-6(128)	4A

REV. 04-06-2023 - UPDATED PROPERTY LINES FOR TRACT 5, REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING, UPDATED PROPERTY OWNER NAMES FOR TRACTS 5, 7 AND 8, AND UPDATED BEARINGS/DISTANCES.

REV. 11-08-2024- UPDATED PROPERTY OWNERS FOR TRACTS 1 AND 2.

REV. 06-25-2025 - RELOCATED DRIVEWAY ON TRACT 5 AND REDUCED LIMIT OF CONSTRUCTION FOR DRIVEWAY ON TRACT 8. REMOVED TEMPORARY CONSTRUCTION EASEMENT THAT SPLIT TRACTS 5 AND 8.

REV. 09-03-2025 - UPDATED PROPERTY OWNER FOR TRACT 5.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

3
USA, CORPS OF ENGINEERS

20' DRAINAGE ESM'T.
20' UTILITY EASEMENT
S 00° 00' 56" E 89.43'
N 37° 0 248.31'

10' PERPETUAL EASEMENT FOR SEWER PURPOSES
N 42° 39' 45" W 536.55'

SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

625
2
NASHVILLE PIKE PROPERTIES, L.L.C.

S 44° 15' 34" E 301.23'
PC 627+08.35
N 53° 11' 18" W 528.62'

10' OFF CENTER OF UTILITY LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

5
CITY OF GALLATIN, TENNESSEE

630

9
BETTY HEE HOOPER

N 66° 35' 51" E 278.80'
N 7° 22' 21" W 27.83'
N 7° 16' 53" W 51.13'
N 35° 29' 46" W 8.19'
PRES. ROW
S 54° 42' W 60.96'
N 19° 53' 37" W 51.05'
N 21° 57' 16" W 39.17'
N 55° 25' 54" E 149.54'
EIP
N 57° 12' 10" E 27.63'
PRES. ROW
S 20° 56' 25" W 82.05'
PRES. ROW

N 17° 5' 34" W 197.19'
N 54° 31' 1" E 100.00'
S 32° 28' 57" E 271.86'
N 32° 28' 59" W 270.89'
N 32° 29' 0" W 241.83'
20' UTILITY EASEMENT
CTPOST
8
MICHAEL K. LEE AND CATHERINA J. LEE, HUSBAND AND WIFE

10
CGI, LP

635
PRES. ROW
PRES. ROW
12
COMMERCE UNION BANK

S 31° 18' 59" E 244.28'
N 31° 18' 59" W 265.57'

10+00.00
30.96'
HARRIS LN ASP.
N 41° 13' 6" W 37.81'
PRES. ROW
25' WATER AND SEWER EASEMENT
S 48° 25' 47" W 319.20'
PRES. ROW
RRSPIKE
623+02.31
90.44'
626+70.72
93.14'
1"HOLLOW PIPE
627+81.19
103.62'
CONC.
FLAGGED CUT TPOST
BOUNDARY LINE POST ARMY CORPS
CONC.
EIP
629+94.14
102.88'
R=7566.37'
L=215.70'
R=7729.41'
L=111.29'
CONMON
FILL
CUT
626+21.49
93.02'
627+81.16
92.95'
S 40° 25' 25" E
10.67'
CONC.
S 48° 45' 6" W
49.22'
N 38° 49' 36" W
24.85'
S 51° 19' 20" W
40.15'
629+94.04
78.04'
630+33.81
77.87'
N 38° 31' 43" W
12.00'
PROP R.O.W.
N 53° 49' 57" E
269.75'
30' SEWER EASEMENT
FILL
FLAGGED STAKE
PRES. ROW
R=7566.37'
L=226.20'
CP-S28
83-06-28
630+33.76
65.87'
N 32° 28' 59" W
29.11'
632+58.12
64.74'
S 52° 39' 1" W
77.19'
632+60.47
93.76'
633+59.38
92.66'
N 53° 49' 57" E
100.07'
CUT
CONC.
N 32° 29' 0" W
30.31'
S 31° 18' 59" E
22.63'
635+02.17
87.00'
S 56° 18' 41" W
144.50'
20' UTILITY ESM'T
S 53° 15' 25" W
144.40'
S 27° 35' 24" E
LAKE DR ASP.
633+57.31
62.42'
S 60° 47' 45" W
22.99'
633+34.69
65.36'
635+00.56
64.43'
20' UTILITY ESM'T
S 54° 20' 23" W
100.83'
PRES. ROW
635+40.31
64.03'

N 48° 53' 37" E
NASHVILLE PIKE (SR-6) ASP.

622+98.90
67.94'
ENP
N 48° 52' 48" E
289.70'
625+88.60
67.87'
626+74.48
67.85'
PRES. ROW
FILL
STANDING ROCK
88.88'
ENP
N 48° 52' 48" E
PRES. ROW R=7566.37'
L=383.05'
630+60.55
69.77'
N 40° 34' 10" W
5.85'
630+60.35
63.92'
PRES. ROW
N 52° 50' 56" E
409.61'
634+73.29
63.61'
SR-6 STA. 635+04.36 =
LAKE DR STA. 45+00.00
N 741967.9857
E 1826246.8127
R=7566.37'
L=198.14'
PRES. ROW
N 44° 32' 36" E
142.91'
CUT
S 53° 40' 40" W
265.67'
630+61.26
90.00'
633+30.00
96.00'
S 31° 1' 32" E
9.30'
634+72.54
72.87'
S 31° 1' 32" E
251.45'

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

N 40° 38' 04" E
BLUE JAY WAY ASP.
S 40° 38' 04" E
622+43.35
20.83'
N 41° 5' 15" W 145.71'
PRES. ROW
12+67.71
20.83'
11+67.70
30.04'
10' P.U.D.E.
N 41° 5' 15" W 100.00'
45' P.U.D.E.
1
DESTINY REAL ESTATE VENTURES, L.L.C.

83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006
EIP
N 53° 40' 24" W 207.89'
20' SETBACK AND SANITARY SEWER EASEMENT
S 14° 45' 40" E 202.91'

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

S 48° 52' 48" W 246.75'
14+13.41
21.98'
TO OFFSET BASIN

*NOTE: SEE SHEET 2G FOR OFFSET BASIN DETAILS

15

4
USA, CORPS OF ENGINEERS

7
WILDA H. DODSON AND HUSBAND, WILLIAM C. HUDGINS, AS EQUAL TENANTS IN COMMON

10' OFF CENTER OF SEWER LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

SANITARY SEWER EASEMENT
N 40° 34' 10" W 1236.90'

11
R. CARSEY MARTIN, JR. AND WIFE NANCY JO MARTIN

S 53° 58' 28" W 205.00'
S 31° 13' 12" E 177.84'

Point	North	East	Elevation	Station	Offset	Feature	Description
S27	741472.4559	1825673.7353	460.4380	627+45.97	34.8698	XCP	83-06-27
S28	741804.6289	1825955.9886	469.9730	631+74.48	-42.1059	XCP	83-06-28

SEALED BY
ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4261
STATE OF TENNESSEE
03-31-2026

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.

LEGEND	
CONST. ESMT.	
SLOPE ESMT.	

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 622+42.75 TO STA. 636+48.75
SCALE: 1"= 50'

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124721.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W,	2022	BR-NH-6(128)	4B
PIH	2025	R-BR-NH-6(128)	4B
PS&E	2026	R-BR-NH-6(128)	4B

REV. 06-25-2025 - RELOCATED DRIVEWAY ON TRACT 5 AND REDUCED LIMIT OF CONSTRUCTION FOR DRIVEWAY ON TRACT 8.

NOTICE TO CONTRACTOR:
NO HAULS ROADS ARE REQUIRED AS LONG AS THE TOP TO BOTTOM METHOD OF CONSTRUCTION IS USED.

*NOTE: SEE SHEET 2G FOR OFFSET BASIN DETAILS

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

625 630 635

BEG. C&G STA. 624+73.50 OFFSET 43.19'
END C&G STA. 625+13.50 OFFSET 100.00'
BEG. C&G STA. 625+48.50 OFFSET 100.00'
END C&G STA. 626+73.50 OFFSET 43.33'
BEG. C&G STA. 626+46.50 OFFSET 43.43'
END C&G STA. 626+62.00 OFFSET 75.00'
BEG. C&G STA. 626+80.00 OFFSET 74.00'
END C&G STA. 626+94.50 OFFSET 43.49'
PC 627+08.35
EAST FORK STATION CAMP CREEK (STR-1)
BEG. SHARED-USE PATH LT. & 10' X 6' CURB RAMP STA. 628+14.83
BEGIN SIDEWALK RT. & 6' X 6' CURB RAMP STA. 628+32.99
END SHARED-USE PATH LT. & 10' X 6' CURB RAMP STA. 630+44.64
END SIDEWALK RT. & 6' X 6' CURB RAMP STA. 630+64.81

BEGIN WWC-3/EPH-2 IMPACT
STATION 626+32.45
OFFSET: -76.26

BEG. LT. TRANS. AND TURN LANE STA. 624+00.00 LT. PVMT. OFFSET 36.42' LT. SHLDR. OFFSET 43.09'
11' TURN LANE STA. 624+73.50 LT. OFFSET 38.50'
STA. 625+31.00 35.00' BUS. ENT. LIMIT OF CONST. 1+00.00
11' TURN LANE STA. 626+25.00 LT. OFFSET 38.50'
STA. 626+68.50 18.00' BUS. ENT. LIMIT OF CONST. 1+10.00
END LT. TRANS. AND TURN LANE STA. 627+00.00 LT. PVMT.OFFSET 27.50' LT. SLDR. OFFSET 43.50'
END WWC-3/EPH-2 IMPACT
STATION 628+66.65
OFFSET: -76.30
MACHINED RIP-RAP CLASS C 1548 TONS
BEG. PROP. BRIDGE STA. 628+49.25
BEGIN STR-1 IMPACT STA. 628+89.38 OFFSET: -80.94'
END PROP. BRIDGE STA.630+25.75
MACHINED RIP-RAP CLASS C 1895 TONS
BEG. 2'-T SPEC. DITCH STA. 631+60.00 TURF. REINF. MAT (CLASS III)
STA. 631+98.00 30.00' FLD. ENT. 44.00' S.D. REQD. LIMIT OF CONST. 1+65.00
STA. 632+58.00 26.00' BUS. ENT. 40.00' S.D. REQD. LIMIT OF CONST. 0+72.00
BEGIN TRANS. STA. 633+55.00 LT. & RT. PVMT. OFFSET 27.50' LT. SHLDR. OFFSET 43.50' RT. SHLDR. OFFSET 40.50
END TRANS. STA. 634+65.00 LT. PVMT. OFFSET 26.15' RT. PVMT. OFFSET 25.12' LT. SHLDR. OFFSET 34.44' RT. SHLDR. OFFSET 33.37'
END 2-T SPEC. DITCH STA. 634+65.00 TURF. REINF. MAT (CLASS III) TIE TO EXIST.

S 41° 44' 02" E HARRIS LN ASP.
S 27° 35' 24" E LAKE DR ASP.
N 48° 53' 37" E
S 38° 04' 43" E BLUE JAY WAY ASP.
NASHVILLE PIKE (SR-6) ASP.

6.19'
36.90'
26.41'
7.52'
40'R
25'R
15'R
TYPE 13
TYPE 38
TYPE IN-LINE
PROP. G.R.
CR-40
G.S.R BUTTRESS
32.76'
69.08'
109.58'
30.96'
89.41'
90.18'
16.66'
15' R
38"x24" RCP
2' T
50'R
18" RCP
INV-480.53
INV-481.02
EXIST. CONC. DITCH
8.40'
26.04'
25.12'
8.25'
18" S.D.
PROP. GATE
25'R

BEGIN RESURFACING & WIDENING STA. 624+00.00
END RESURFACING & WIDENING/ BEGIN FULL DEPTH PAVEMENT STA. 627+65.00
END FULL DEPTH PAVEMENT/ BEGIN RESURFACING & WIDENING STA. 631+35.00
END RESURFACING & WIDENING STA. 634+65.00

BEG. RT. TRANS. STA. 624+00.00 RT. PVMT. OFFSET 24.74' RT. SHLDR. OFFSET 33.93'
END RT. TRANS. STA. 625+50.00 RT. PVMT.OFFSET 27.50' RT. SHLDR. OFFSET 40.30'
STA. 627+57.50 18.00' PVT. DR. LIMIT OF CONST. 1+60.00
END STR-1 IMPACT STA. 629+38.93 OFFSET: 61.68'
PROP. BRIDGE STA. 629+37.50 BRIDGE ID NO. 83SR0060009 PROP. 176'-6" 3-SPAN CONCRETE 86' OUT-TO-OUT WIDTH GIRDER BRIDGE W/ TYPE 'C' RIP-RAP SKEW 75°
APPROX. FLOWAGE ESMT. ELEV. 451
APPROX. CONSERVATION ESMT. ELEV. 442
APPROX. HYDROPOWER ESMT. ELEV. 445
BEG. "V" SPEC. DITCH STA. 639+00.00 TURF. REINF. MAT (CLASS III)
STA. 632+17.00 14.00' PVT. DR. 28.00' S.D. REQD. LIMIT OF CONST. 1+10.00
STA. 633+85.00 14.00' PVT. DR. 30.00' S.D. REQD. LIMIT OF CONST. 0+90.00
END "V" SPEC. DITCH STA. 634+65.00 TURF. REINF. MAT (CLASS III)

SR-6 STA. 635+04.36 =
LAKE DR STA. 45+00.00
N 741967.9857
E 1826246.8127

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

83077-2220-94
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83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

APPROX. FLOWAGE ESMT. ELEV. 451

319 [302]
HARRIS LANE
205 [122]
114 [180]
2248 [2702]
2288 [2837]
4784 [4269]
S.R. 6
4961 [4396]
2202 [2641]
2536 [1567]
2493 [1489]
2673 [1559]
N. BLUE JAY WAY
27 [99]
33 [14]
[113] 60
2046 DHV PM [AM]

7 [7]
LAKE DRIVE
2026 DHV PM [AM]
2288 [2837]
2283 [2834]
2285 [2836]
4961 [4396]
S.R. 6
4958 [4393]
2673 [1559]
2673 [1557]
2673 [1557]

SEALED BY
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REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.2367
STATE OF TENNESSEE
03-31-2026

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

PROPOSED LAYOUT

STA. 622+42.75 TO STA. 636+48.75
SCALE: 1"= 50'

4/16/2026 7:23:21 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	4C
PIH	2025	R-BR-NH-6(128)	4C
PS&E	2026	R-BR-NH-6(128)	4C

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

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BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
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83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
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SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

SR-6 STA. 635+04.36 =
LAKE DR STA. 45+00.00
N 741967.9857
E 1826246.8127

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7698

PROPOSED BRIDGE ID NO. 83SR0060009
STATION: 629+37.50
STRUCTURE: 176'-6", 3-SPAN CONCRETE GIRDER BRIDGE
W/ TYPE 'C' RIP-RAP
SKEW 75 DEG.

EXISTING BRIDGE (TO BE REMOVED)
STATION: 629+36.63
STRUCTURE: 142'-6", 5-SPAN CONCRETE BRIDGE
SKEW 75 DEG.
DRAINAGE AREA 33.2 SQ.MI.
DESIGN DISCHARGE (Q50) 11,700 CFS
DESIGN DISCHARGE (Q100) 13,100 CFS

SEALED BY
ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4267
STATE OF TENNESSEE
03-31-2026

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

PROPOSED PROFILE

STA. 622+50.00 TO STA. 635+50.00

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

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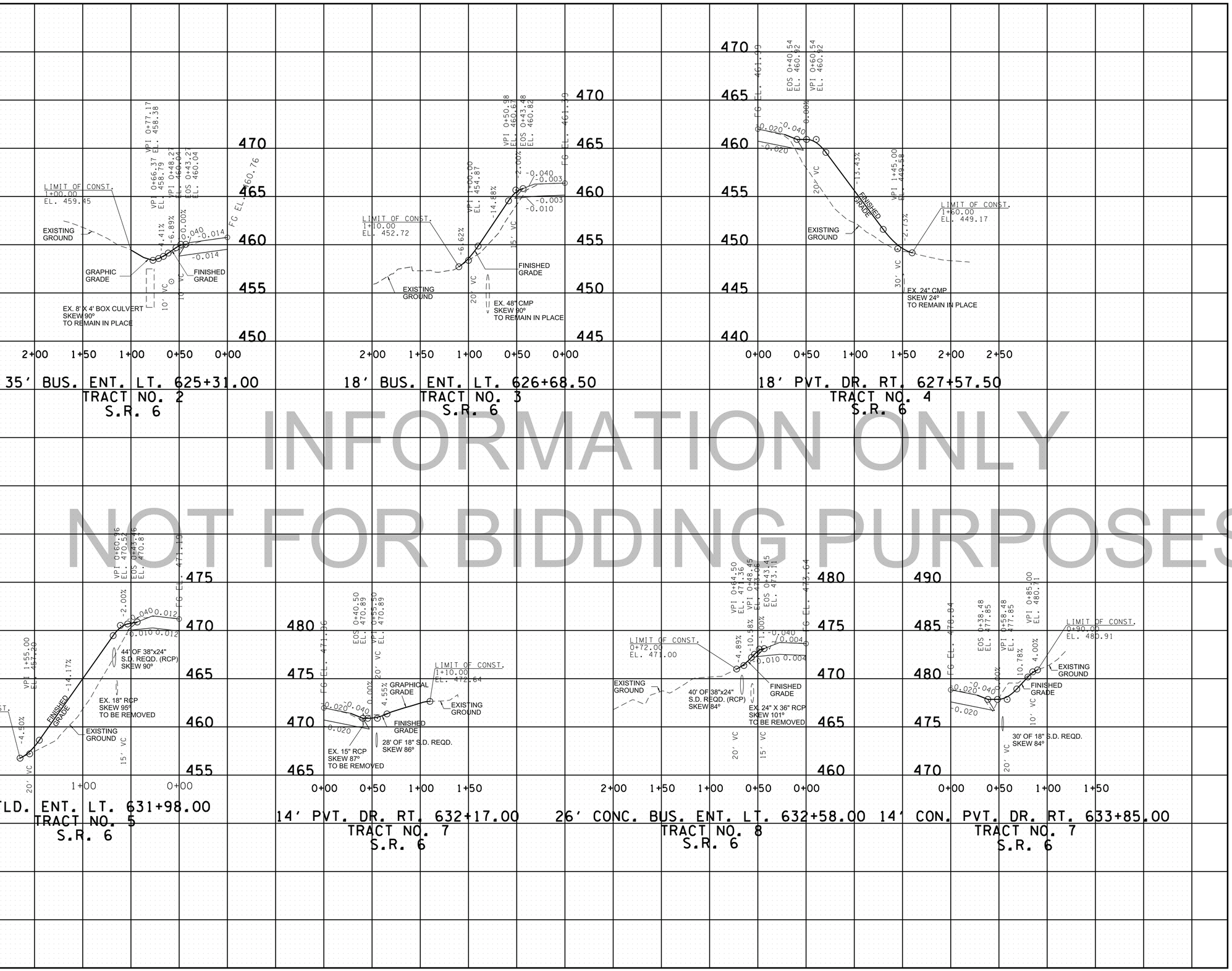

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	5
PIH	2025	R-BR-NH-6(128)	5
PS&E	2026	R-BR-NH-6(128)	5

REV. 06-25-2025- REDESIGNED DRIVEWAY PROFILES FOR TRACTS 2, 3, 5 AND 8.

SEALED BY

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

03-31-2026

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 G22203U07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRIVATE DRIVE, BUSINESS, AND FIELD ENTRANCE PROFILES

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

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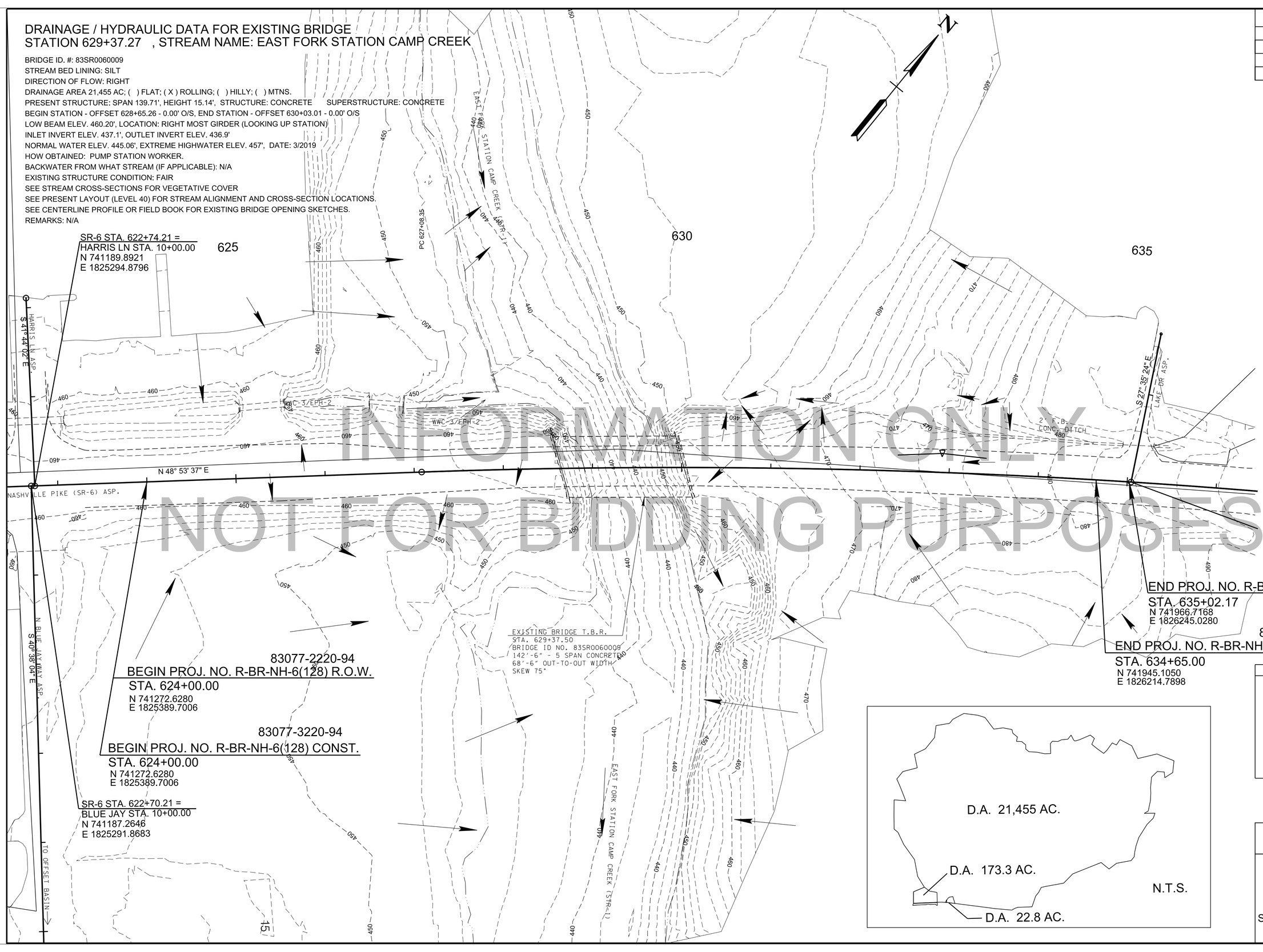
DRAINAGE / HYDRAULIC DATA FOR EXISTING BRIDGE
STATION 629+37.27 , STREAM NAME: EAST FORK STATION CAMP CREEK

BRIDGE ID. #: 83SR0060009
STREAM BED LINING: SILT
DIRECTION OF FLOW: RIGHT
DRAINAGE AREA 21,455 AC; ( ) FLAT; (X) ROLLING; ( ) HILLY; ( ) MTNS.
PRESENT STRUCTURE: SPAN 139.71', HEIGHT 15.14', STRUCTURE: CONCRETE SUPERSTRUCTURE: CONCRETE
BEGIN STATION - OFFSET 628+65.26 - 0.00' O/S, END STATION - OFFSET 630+03.01 - 0.00' O/S
LOW BEAM ELEV. 460.20', LOCATION: RIGHT MOST GIRDER (LOOKING UP STATION)
INLET INVERT ELEV. 437.1', OUTLET INVERT ELEV. 436.9'
NORMAL WATER ELEV. 445.06', EXTREME HIGHWATER ELEV. 457', DATE: 3/2019
HOW OBTAINED: PUMP STATION WORKER.
BACKWATER FROM WHAT STREAM (IF APPLICABLE): N/A
EXISTING STRUCTURE CONDITION: FAIR
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.
REMARKS: N/A

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	6
PIH	2025	R-BR-NH-6(128)	6
PS&E	2026	R-BR-NH-6(128)	6



SR-6 STA. 622+74.21 =
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83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
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SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

N 741967.9807
E 1826246.8127

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011-0267
STATE OF TENNESSEE

03-31-2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 622+42.75 TO STA. 636+48.75
SCALE: 1"= 50'

INFORMATION ONLY
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	7
PIH	2025	R-BR-NH-6(128)	7
PS&E	2026	R-BR-NH-6(128)	7

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.

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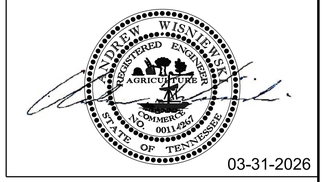

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	8
PIH	2025	R-BR-NH-6(128)	8
PS&E	2026	R-BR-NH-6(128)	8

TABULATED EPSC QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	STAGE 1 QUANTITY	STAGE 2A QUANTITY	STAGE 2B QUANTITY	STAGE 3 QUANTITY	TOTAL QUANTITY 83077-3220-94
1,2	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	22	22	22		36
1,2	209-05	SEDIMENT REMOVAL	C.Y.	56	56	56		168
1,2,5	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	2850	2948	2948		3046
1,2	209-08.07	ROCK CHECK DAM	EACH		5	7		12
1,2	209-08.08	ENHANCED ROCK CHECK DAM	EACH	2	3	4	1	4
1,2,3	209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH		3	3		6
1,2,14	209-13.04	TURBIDITY CURTAIN (EPSC STAGE 2A & 2B)	L.F.		500	500		500
1,2	209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH		2	2		2
1,2	209-65.04	TEMPORARY IN STREAM DIVERSION	L.F.		500	500		500
1,2,6	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	26	36	36		46
1,2	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	1385	1385	1385		1385
1,2,8	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	150	150	150		250
1,2,9	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	248	248	248		248
1,2,4,10	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	704	800	800		1068
1,2,7	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	40	20	20	40	120
7,13	801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	UNIT				28	28
7,12	801-02	SEEDING (WITHOUT MULCH)	UNIT				18	18
1,2,11	801-03	WATER (SEEDING & SODDING)	M.G.	4	2	2	52	60
	803-01	SODDING (NEW SOD)	S.Y.				4250	4250
12	805-01.03	TURF REINFORCEMENT MAT (CLASS III)	S.Y.				1962	1962

FOOTNOTES

(1) SEE SUBSECTION 209.07 OF THE STD. SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

(2) ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER

(3) INCLUDES 2 EXTRA FILTER BAGS PER LOCATION FOR REPLACEMENT (4 EXTRA IN TOTAL).

(4) INCLUDES 430 S.Y. FOR TEMPORARY CONSTRUCTION EXITS, 192 S.Y. FOR SEDIMENT FILTER BAGS, AND 446 S.Y. FOR CULVERT PROTECTION (TYPE 1).

(5) INCLUDES 196 L.F. FOR SEDIMENT FILTER BAGS.

(6) INCLUDES 20 TONS FOR SEDIMENT FILTER BAGS AND 26 TONS FOR CULVERT PROTECTION (TYPE 1).

(7) THE COST OF FERTILIZER AND LIME USED IN INTITIAL SEED BED PREPARATION IS TO BE INCLUDED IN THE COST AND SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

(8) TO BE USED TO CONSTRUCT TEMPORARY CONSTRUCTION EXITS.

(9) TO BE USED FOR CULVERT PROTECTION (TYPE 1).

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

(11) INCLUDES 12 M.G. FOR EPSC, 43 M.G. FOR SODDING, 3 M.G. FOR OFFSET BASIN, AND 2 M.G. FOR SEEDING (WITHOUT MULCH) ON SPECIAL DITCHES.

(12) TO BE USED FOR SPECIAL DITCH LINING.

(13) TO BE USED FOR OFFSET BASIN.

(14) IF STR-1 WATER DEPTH EXCEEDS 3FT TURBIDITY CURTAINS SHALL BE USED IN LIEU OF TEMPORARY IN-STREAM DIVERSION.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
SFB SFB SFB SFB	SEDIMENT FILTER BAG	EC-STR-2 *
SFB SFB SFB SFB	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	ENHANCED ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
D	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25*
IN DIV	INSTREAM DIVERSION	EC-STR-30 EC-STR-30A
	FLOATING TURBIDITY CURTAIN	EC-STR-38
HVF HVF	HIGH VISIBILITY FENCE	S-F-1*

* TO BE USED WHERE AS DIRECTED BY THE ENGINEER.

OUTFALLS

Outfall No.	Drainage Area	Average Slope
1	.143 AC	5.495 %
2	.092 AC	4.831 %
3	1.190 AC	6.692 %
4	3.102 AC	3.335 %
5	.208 AC	12.754 %
6	.787 AC	3.570 %

* DRAINAGE AREAS AND AVERAGE SLOPES DO NOT CHANGE BETWEEN EPSC STAGES FOR OUTFALL LOCATIONS.

INFORMATION ONLY
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SEALED BY

ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE 0011.2897 STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL LEGEND & TABULATION

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	9
PIH	2025	R-BR-NH-6(128)	9
PS&E	2026	R-BR-NH-6(128)	9

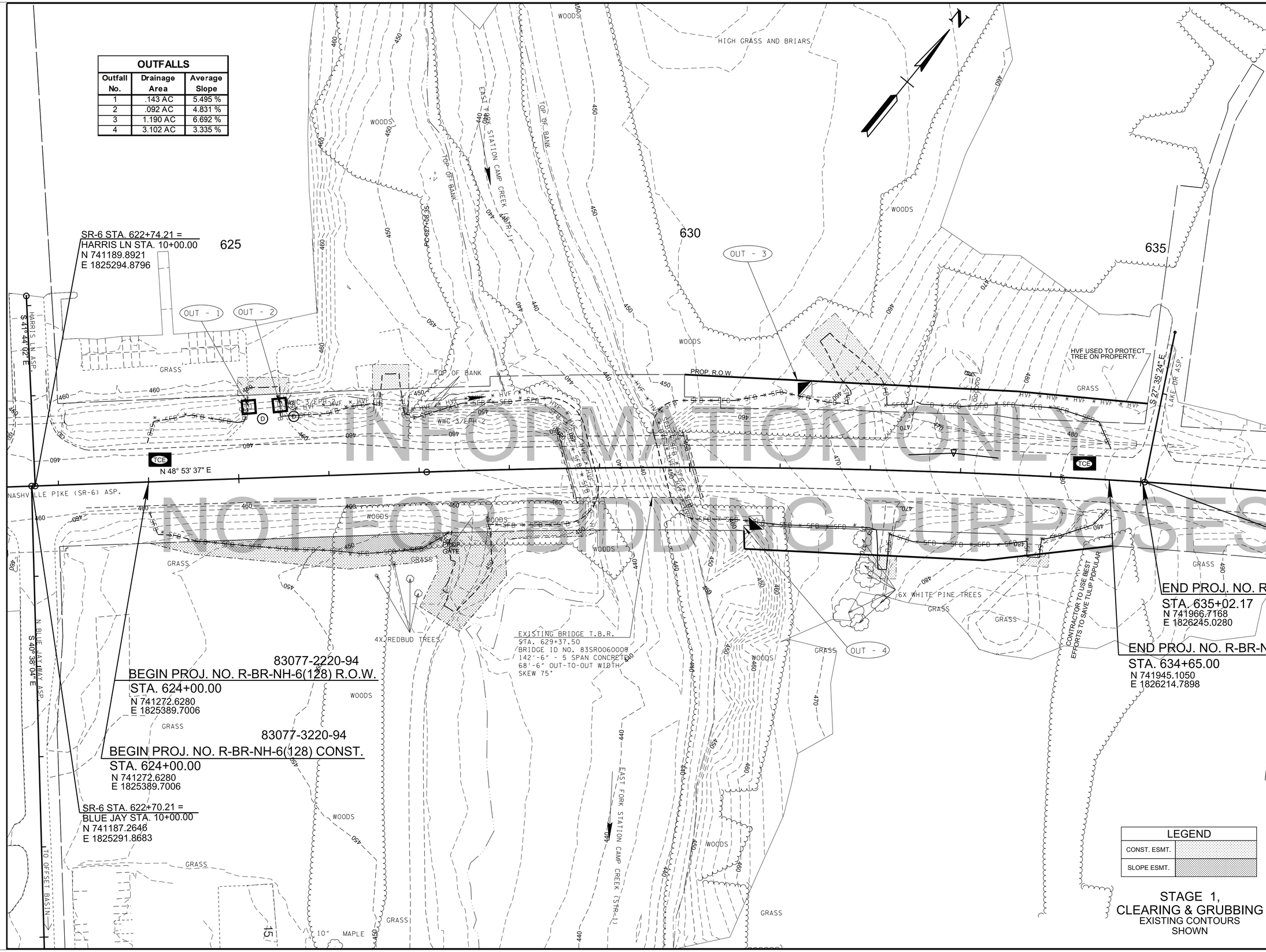
REV. 04-06-2023 - REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING.

REV. 04-15-2025 - ADDED NOTE ON TRACT 7 REFERRING TO TULIP POPULAR TREES.

REV. 06-25-2025 - REMOVED TEMPORARY CONSTRUCTION EASEMENT THAT SPLIT TRACTS 5 AND 8.

OUTFALLS

Outfall No.	Drainage Area	Average Slope
1	.143 AC	5.495 %
2	.092 AC	4.831 %
3	1.190 AC	6.692 %
4	3.102 AC	3.335 %



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

03-31-2026

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LEGEND	
CONST. ESMT.	
SLOPE ESMT.	

STAGE 1,
CLEARING & GRUBBING
EXISTING CONTOURS SHOWN

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 622+42.75 TO STA. 636+48.75

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
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PIH	2025	R-BR-NH-6(128)	10
PS&E	2026	R-BR-NH-6(128)	10

REV. 04-06-2023 - REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING.

REV. 04-15-2025 - ADDED NOTE ON TRACT 7 REFERRING TO TULIP POPULAR TREES.

REV. 06-25-2025 - RELOCATED DRIVEWAY ON TRACT 5 AND REDUCED LIMIT OF CONSTRUCTION FOR DRIVEWAY ON TRACT 8. REMOVED TEMPORARY CONSTRUCTION EASEMENT THAT SPLIT TRACTS 5 AND 8.

OUTFALLS		
Outfall No.	Drainage Area	Average Slope
1	.143 AC	5.495 %
2	.092 AC	4.831 %
3	1.190 AC	6.692 %
4	3.102 AC	3.335 %

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SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

HARRIS LN ASP. S 47° 24' 02" E

625 630 635

OUT - 1 OUT - 2 OUT - 3 OUT - 4

BEGIN WWC-3/EPH-2 IMPACT
STATION 626+32.45
OFFSET: -76.26

END WWC-3/EPH-2 IMPACT
STATION 628+06.65
OFFSET: -78.30

BEG PROP BRIDGE STA. 628+49.25

END PROP BRIDGE STA.630+29.75

BEGIN STR-1 IMPACT
STA. 628+89.29
OFFSET: -80.94'

PROP. R.O.W.

HVF USED TO PROTECT TREE ON PROPERTY.

S 27° 35' 24" E LAKE DR ASP.

NASHVILLE PIKE (SR-6) ASP.

N 48° 53' 37" E

ALLOWABLE AREA FOR HAUL ROADS SEE DETAIL "A"

TOP OF BANK

EAST FORK STATION CAMP CREEK (STR-1)

WOODS GRASS HIGH GRASS AND BRIARS

CR-40

TCE

36" X24" RCP 88" X24" RCP 18" S.D.

END STR-1 IMPACT
STA. 629+38.93
OFFSET: 61.66'

PROP. BRIDGE
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
PROP. 176'-6" 3-SPAN CONCRETE
86' OUT-TO-OUT WIDTH
GIRDER BRIDGE W/ TYPE 'C' RIP-RAP
SKEW 75°

4X REDBUD TREES

6X WHITE PINE TREES

CONTRACTOR TO USE BEST EFFORTS TO SAVE TULIP POPULAR

SR-6 STA. 635+04.36 =
LAKE DR STA. 45+00.00
N 741967.9857
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83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

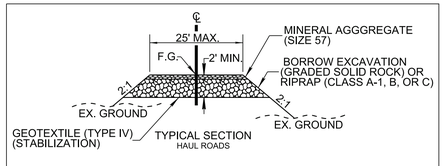
N BLUE JAY WAY ASP. S 40° 38' 04" E

TO OFFSET BASIN

10" MAPLE

15

TEMPORARY STREAM IMPACT PER HAUL ROAD LOCATION	
FILL ACREAGE:	0.0266 AC
FILL VOLUME:	107 CY



NOTES:
1.) A HAUL ROAD WILL BE NEEDED AT EACH CORNER OF THE BRIDGE.
2.) ONLY ONE HAUL ROAD CAN BE IN PLACE AT A TIME.
3.) HAUL ROADS CANNOT EXTEND FURTHER THAN 18FT INTO THE CHANNEL STARTING AT ELEVATION 444.00 ON THE CHANNEL BANK.
4.) MAX. GRADE FOR HAUL ROAD IS 15%.
5.) NO ADDITIONAL PERMANENT IMPACTS.
6.) ROCK MATERIAL SHALL BE CLEAN BEFORE PLACEMENT IN STREAM.

DETAIL "A"

LEGEND	
CONST. ESMT.	
SLOPE ESMT.	

STAGE 2A,
INTERMEDIATE GRADING
EXISTING & PROPOSED CONTOURS SHOWN

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4295
STATE OF TENNESSEE

03-31-2026

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. 622+42.75 TO STA. 636+48.75

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	11
PIH	2025	R-BR-NH-6(128)	11
PS&E	2026	R-BR-NH-6(128)	11

REV. 04-06-2023 - REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING.

REV. 04-15-2025 - ADDED NOTE ON TRACT 7 REFERRING TO TULIP POPULAR TREES.

REV. 06-25-2025 - RELOCATED DRIVEWAY ON TRACT 5 AND REDUCED LIMIT OF CONSTRUCTION FOR DRIVEWAY ON TRACT 8. REMOVED TEMPORARY CONSTRUCTION EASEMENT THAT SPLIT TRACTS 5 AND 8.

OUTFALLS		
Outfall No.	Drainage Area	Average Slope
1	.143 AC	5.495 %
2	.092 AC	4.831 %
3	1.190 AC	6.662 %
4	3.102 AC	3.335 %
5	.208 AC	12.754 %

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

625

630

635

N

HIGH GRASS AND BRIARS

WOODS

GRASS

EAST FORK STATION CAMP CREEK 440FT-LT

TOP OF BANK

BEGIN WWC-3/EPH-2 IMPACT
STATION 626+32.45
OFFSET: -76.26

END WWC-3/EPH-2 IMPACT
STATION 628+06.65
OFFSET: -76.30

BEG PROP BRIDGE
STA. 628+49.25

END PROP BRIDGE
STA.630+29.75

BEGIN STR-1 IMPACT
STA. 628+89.29
OFFSET: -80.94'

PROP. R.O.W.

OUT - 1

OUT - 2

OUT - 3

OUT - 4

OUT - 5

WWC-3/EPH-2

CR-40

HVF USED TO PROTECT TREE ON PROPERTY.

38" X24" RCP

18" S.D.

6X WHITE PINE TREES

CONTRACTOR TO USE BEST EFFORTS TO SAVE TULIP POPULAR

4X REDBUD TREES

10" MAPLE

ALLOWABLE AREA FOR HAUL ROADS SEE DETAIL "A"

END STR-1 IMPACT
STA. 629+38.93
OFFSET: 61.62'

PROP. BRIDGE
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
PROP. 176'-6" 3-SPAN CONCRETE
86' OUT-TO-OUT WIDTH
GIRDER BRIDGE W/ TYPE 'C' RIP-RAP
SKEW 75°

N 48° 53' 37" E

S 27° 35' 24" E

LAKE DR ASP.

NASHVILLE PIKE (SR-6) ASP.

N BLUE JAY WAY ASP.

S 40° 38' 04" E

HARRIS LN ASP.

S 47° 24' 02" E

TO OFFSET BASIN

83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

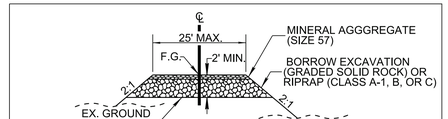
SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

SR-6 STA. 635+04.36 =
LAKE DR STA. 45+00.00
N 741967.9857
E 1826246.8127

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

TEMPORARY STREAM IMPACT PER HAUL ROAD LOCATION	
FILL ACREAGE:	0.0266 AC
FILL VOLUME:	107 CY



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4.) MAX. GRADE FOR HAUL ROAD IS 15%.
5.) NO ADDITIONAL PERMANENT IMPACTS.
6.) ROCK MATERIAL SHALL BE CLEAN BEFORE PLACEMENT IN STREAM.

DETAIL "A"

SEALED BY

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

03-31-2026

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.

LEGEND	
CONST. ESMT.	
SLOPE ESMT.	

STAGE 2B,
INTERMEDIATE GRADING
PROPOSED CONTOURS SHOWN

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 622+42.75 TO STA. 636+48.75

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2025	BR-NH-6(128)	12
PIH	2025	R-BR-NH-6(128)	12
PS&E	2026	R-BR-NH-6(128)	12

REV. 09-30-2025 - ADDED SHEET TO R.O.W. PLAN SET. RENUMBERED SUBSEQUENT R.O.W. SHEETS.

*NOTE: SODDING WILL BE USED FOR FINAL STABILIZATION.

OUTFALLS

Outfall No.	Drainage Area	Average Slope
1	.143 AC	5.495 %
2	.092 AC	4.831 %
3	1.190 AC	6.692 %
4	3.102 AC	3.335 %
5	.208 AC	12.754 %



INFORMATION ONLY
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ANDREW WISNIEWSKI
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AGRICULTURE
COMMERCE
NO. 0011-4267
STATE OF TENNESSEE

03-31-2026

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LEGEND

CONST. ESMT.	
SLOPE ESMT.	
TURF REINF. MAT (CLASS III)	
SOIL STABILIZATION	

STAGE 3,
FINAL STABILIZATION
PROPOSED CONTOURS SHOWN

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

STA. 622+42.75 TO STA. 636+48.75

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	13
PIH	2025	R-BR-NH-6(128)	13
PS&E	2026	R-BR-NH-6(128)	13

REV. 11-10-2025 - ADDED SHEET TO R.O.W. PLAN SET.
RENUMBERED SUBSEQUENT R.O.W. SHEETS.

INFORMATION ONLY
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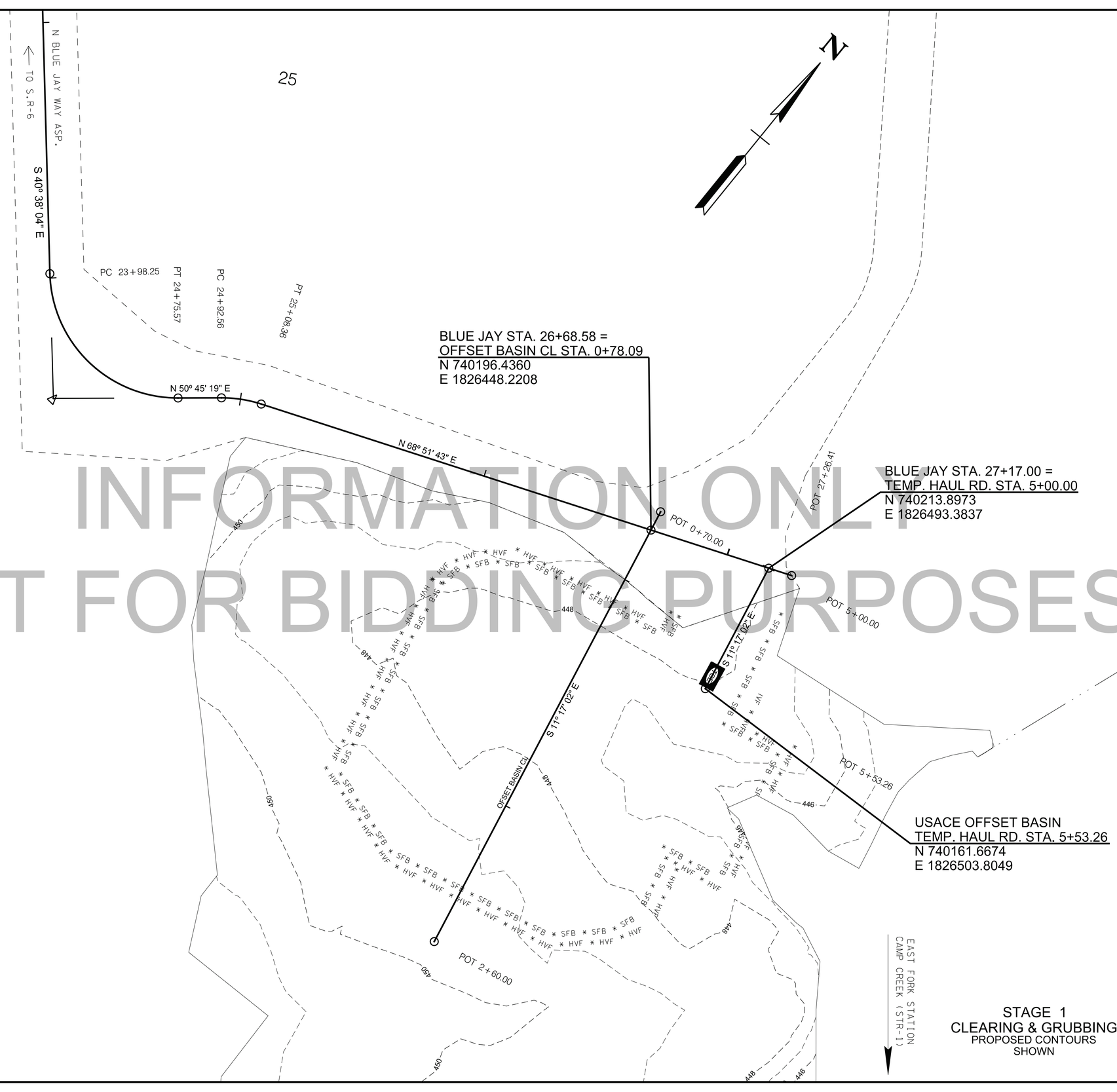

STAGE 1
CLEARING & GRUBBING
PROPOSED CONTOURS SHOWN

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
0011429
STATE OF TENNESSEE

03-31-2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

SCALE 1"=20'

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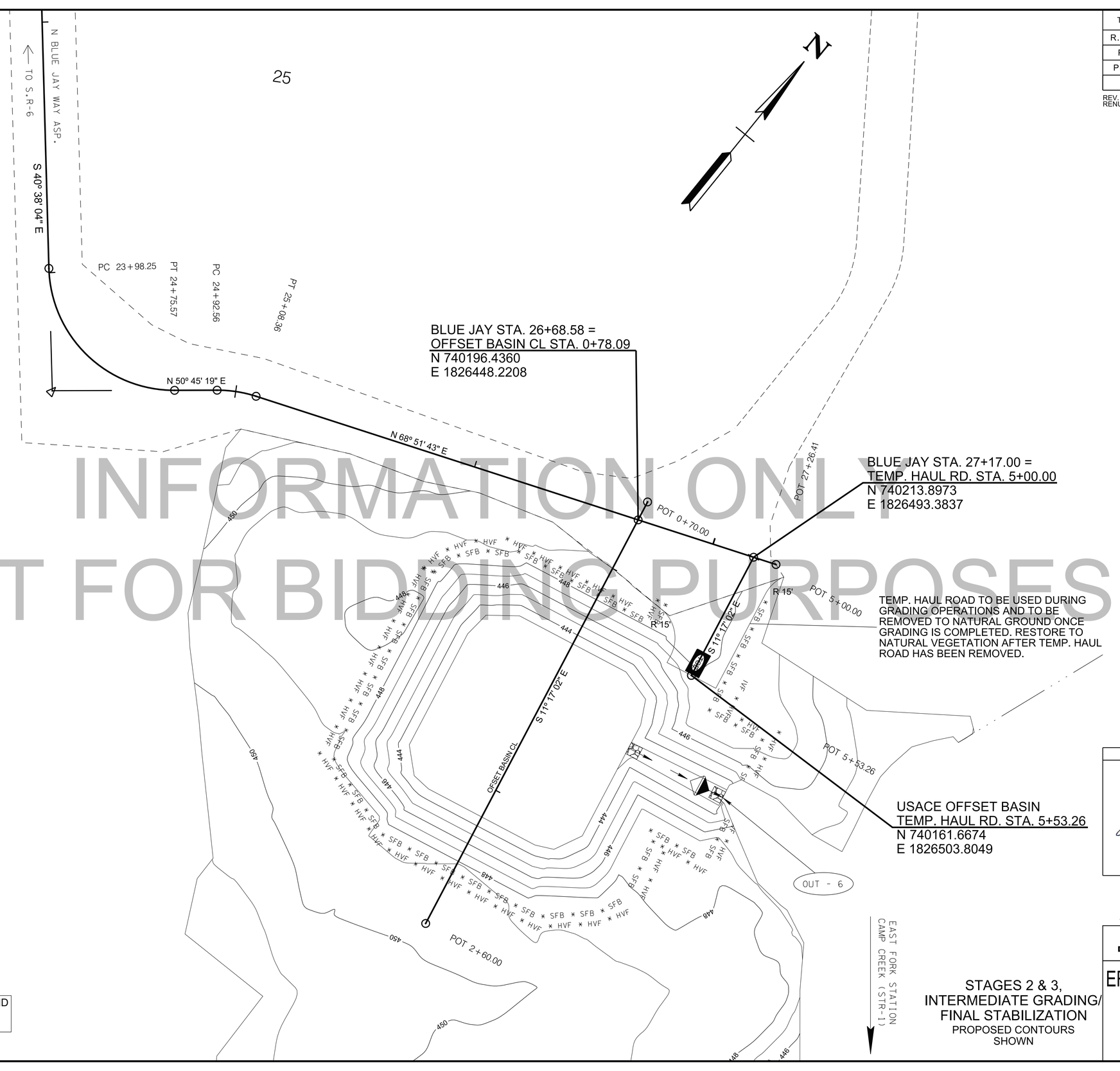
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	14
PIH	2025	R-BR-NH-6(128)	14
PS&E	2026	R-BR-NH-6(128)	14

REV. 11-10-2025 - ADDED SHEET TO R.O.W. PLAN SET. RENUMBERED SUBSEQUENT R.O.W. SHEETS.

OUTFALLS		
Outfall No.	Drainage Area	Average Slope
6	.787 AC	3.570 %



INFORMATION ONLY
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NOTE: FOR STAGE 3, REMOVE ALL EPSC DEVICES AND INSTALL FINAL STABILIZATION ITEMS. SEE SHEET 2G FOR CLEARING/PLANTING DETAILS.

SEALED BY

ANDREW WISNIEWSKI REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 0001429 STATE OF TENNESSEE

03-31-2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STAGES 2 & 3,
INTERMEDIATE GRADING/
FINAL STABILIZATION
PROPOSED CONTOURS
SHOWN

EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PLANS

SCALE 1"=20'

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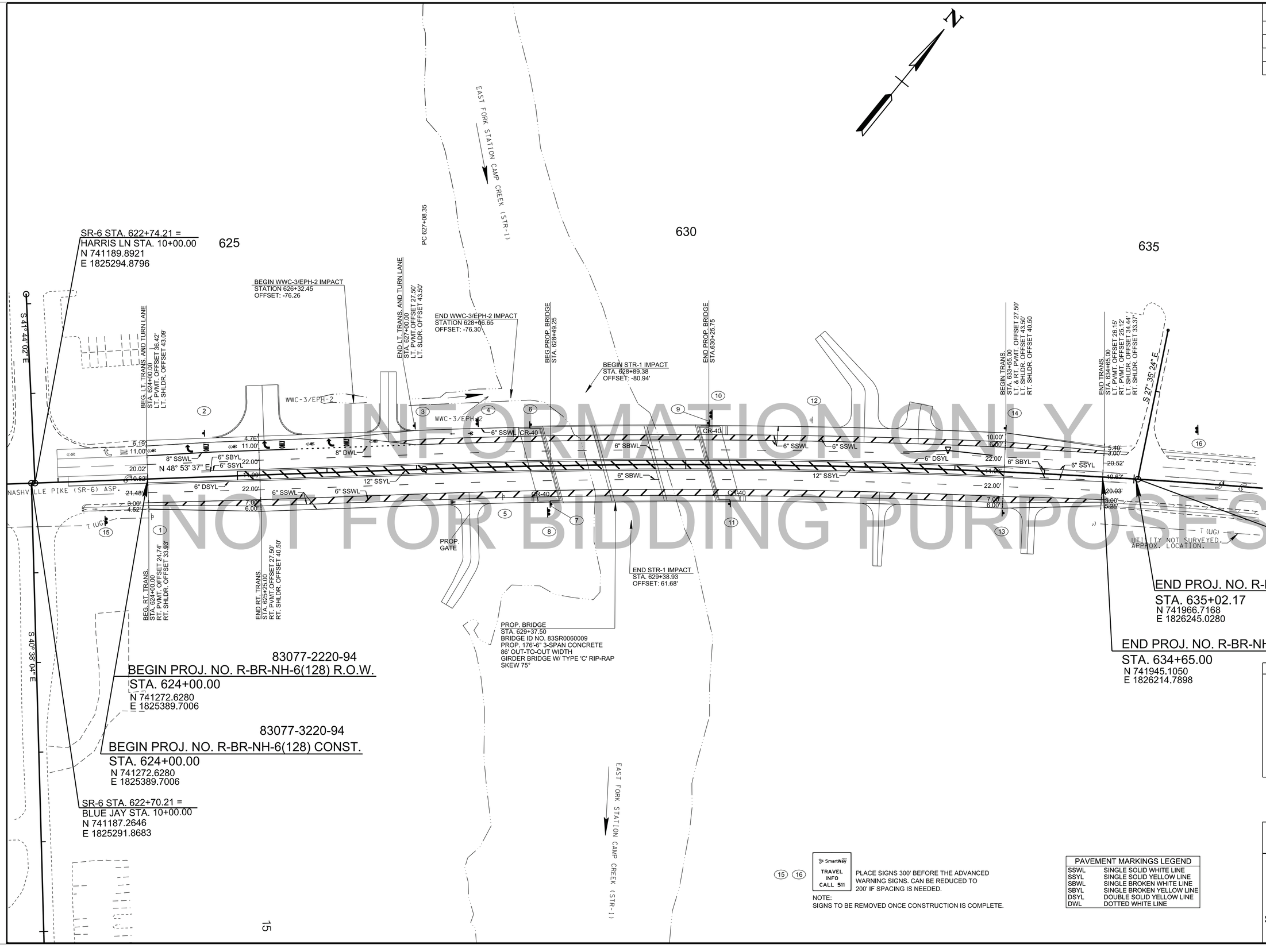
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	15
PS&E	2026	R-BR-NH-6(128)	15



83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
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SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
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SR-6 STA. 635+04.36 =
LAKE DR STA. 45+00.00
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E 1826246.8127

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STA. 635+02.17
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83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

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15 16 SmartWay TRAVEL INFO CALL 511 — PLACE SIGNS 300' BEFORE THE ADVANCED WARNING SIGNS. CAN BE REDUCED TO 200' IF SPACING IS NEEDED.

NOTE:
SIGNS TO BE REMOVED ONCE CONSTRUCTION IS COMPLETE.

PAVEMENT MARKINGS LEGEND	
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE
SBYL	SINGLE BROKEN YELLOW LINE
DSYL	DOUBLE SOLID YELLOW LINE
DWL	DOTTED WHITE LINE

SEALED BY

ANDREW WISNIEWSKI — REGISTERED ENGINEER — AGRICULTURE — COMMISSION NO. 0011.4265 — STATE OF TENNESSEE

03-31-2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA. 622+42.75 TO STA. 636+48.75

SCALE: 1"=50'

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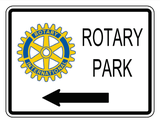
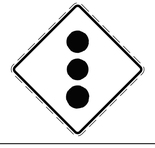
ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	16
PS&E	2026	R-BR-NH-6(128)	16

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		W1-4L	13	36"	36"																	TO BE REMOVED. STA. 624+00.00 RT.
2		R3-7R	13	36"	36"								BLACK	WHITE	0.100 SHEET ALUMINUM	P4	12'-0"					TO BE REMOVED AND RELOCATED. STA. 624+65.00 LT.
3		R4-4	13	36"	30"								BLACK	WHITE	0.080 SHEET ALUMINUM	P4	11'-9"					TO BE REMOVED AND RELOCATED. STA. 627+00.00 LT.
4		D1-1	13	42"	36"								WHITE	BROWN	0.100 SHEET ALUMINUM	P3	h = 12'-3" h = 12'-6"					TO BE REMOVED AND REPLACED. STA. 627+70.00 LT.
5		W1-4R	13	36"	36"																	TO BE REMOVED. STA. 627+95.00 RT.
6 11		OM-3L	13	12"	36"								BLACK	YELLOW (FLOR.)	0.080 SHEET ALUMINUM	U2	12'-9"					TO BE REMOVED AND REPLACED. STA. 628+27.00 LT. & STA. 630+50.00 RT.
7 9		OM-3R	13	12"	36"								BLACK	YELLOW (FLOR.)	0.080 SHEET ALUMINUM	U2	12'-9"					TO BE REMOVED AND REPLACED. STA. 628+48.00 RT. & STA. 630+26.00 LT.
8 10		I2-2	13	60"	18"								WHITE	GREEN	0.100 SHEET ALUMINUM	U4	11'-9"					TO BE REMOVED AND REPLACED. STA. 628+45.00 RT. & STA. 630+29.00 LT.
12		W3-3	13	30"	30"																	TO BE REMOVED. STA. 631+40.00 LT.
13 14		TN-17b	13	6"	19"								WHITE	GREEN	0.080 SHEET ALUMINUM	U1	8'-0"					TO BE REMOVED AND REPLACED. STA. 633+55.00 LT. & RT.
15 16		D12-5	13	48"	60"								WHITE	BLUE	EXTRUDED ALUMINUM PANEL	P6	h = 14'-0" h = 14'-6"	SLIP BASE			5'-0"	SEE NOTE ON SHT. 15 FOR PLACEMENT
		TN-82a	2G	36"	24"								BLACK	WHITE								SEE NOTE ON SHT. 2G FOR PLACEMENT

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SEALED BY



03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

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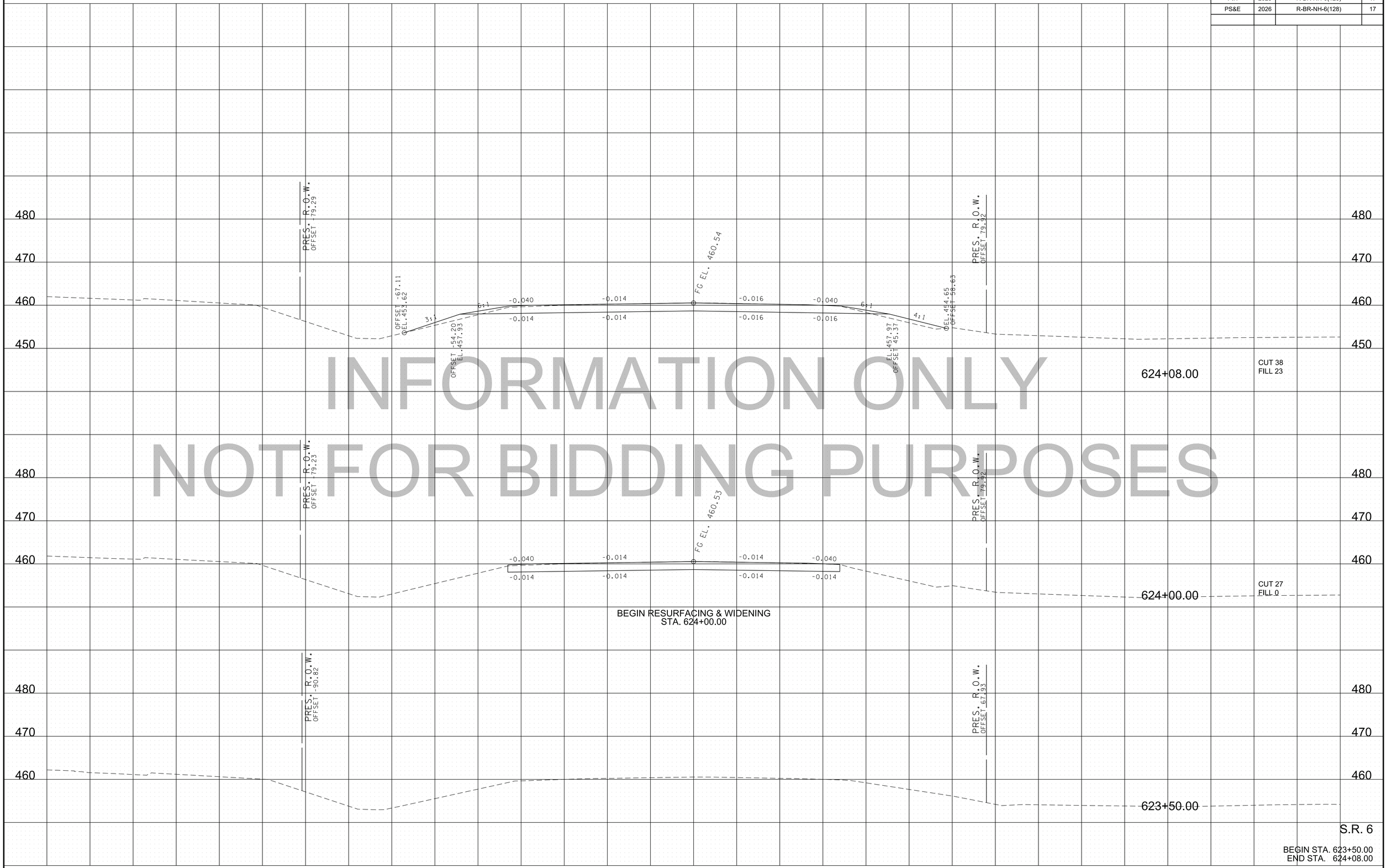
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	15
PIH	2025	R-BR-NH-6(128)	17
PS&E	2026	R-BR-NH-6(128)	17



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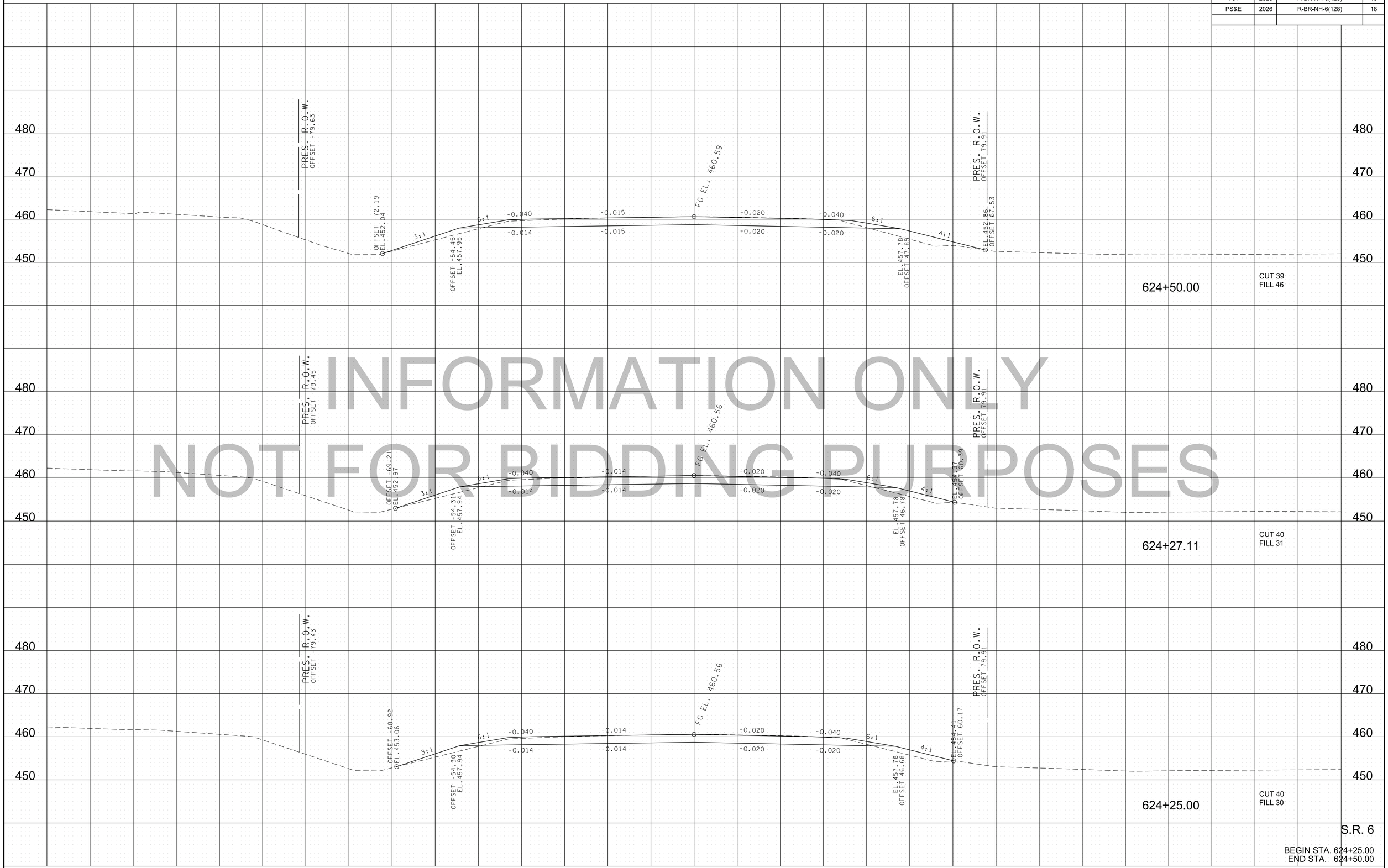
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	16
PIH	2025	R-BR-NH-6(128)	18
PS&E	2026	R-BR-NH-6(128)	18



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NOT FOR BIDDING PURPOSES

S.R. 6

BEGIN STA. 624+25.00
END STA. 624+50.00

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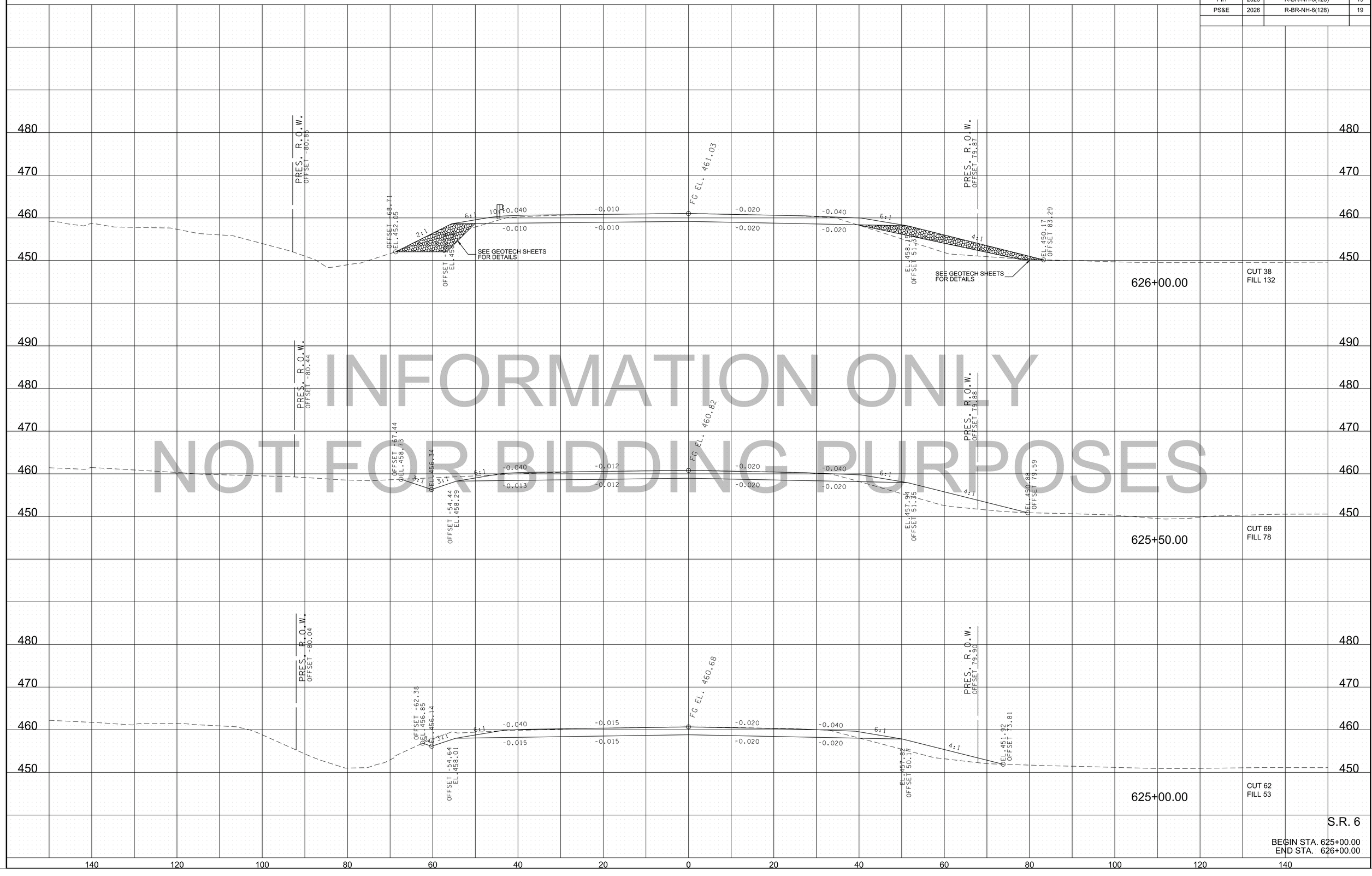
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	17
PIH	2025	R-BR-NH-6(128)	19
PS&E	2026	R-BR-NH-6(128)	19



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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	18
PIH	2025	R-BR-NH-6(128)	20
PS&E	2026	R-BR-NH-6(128)	20

INFORMATION ONLY
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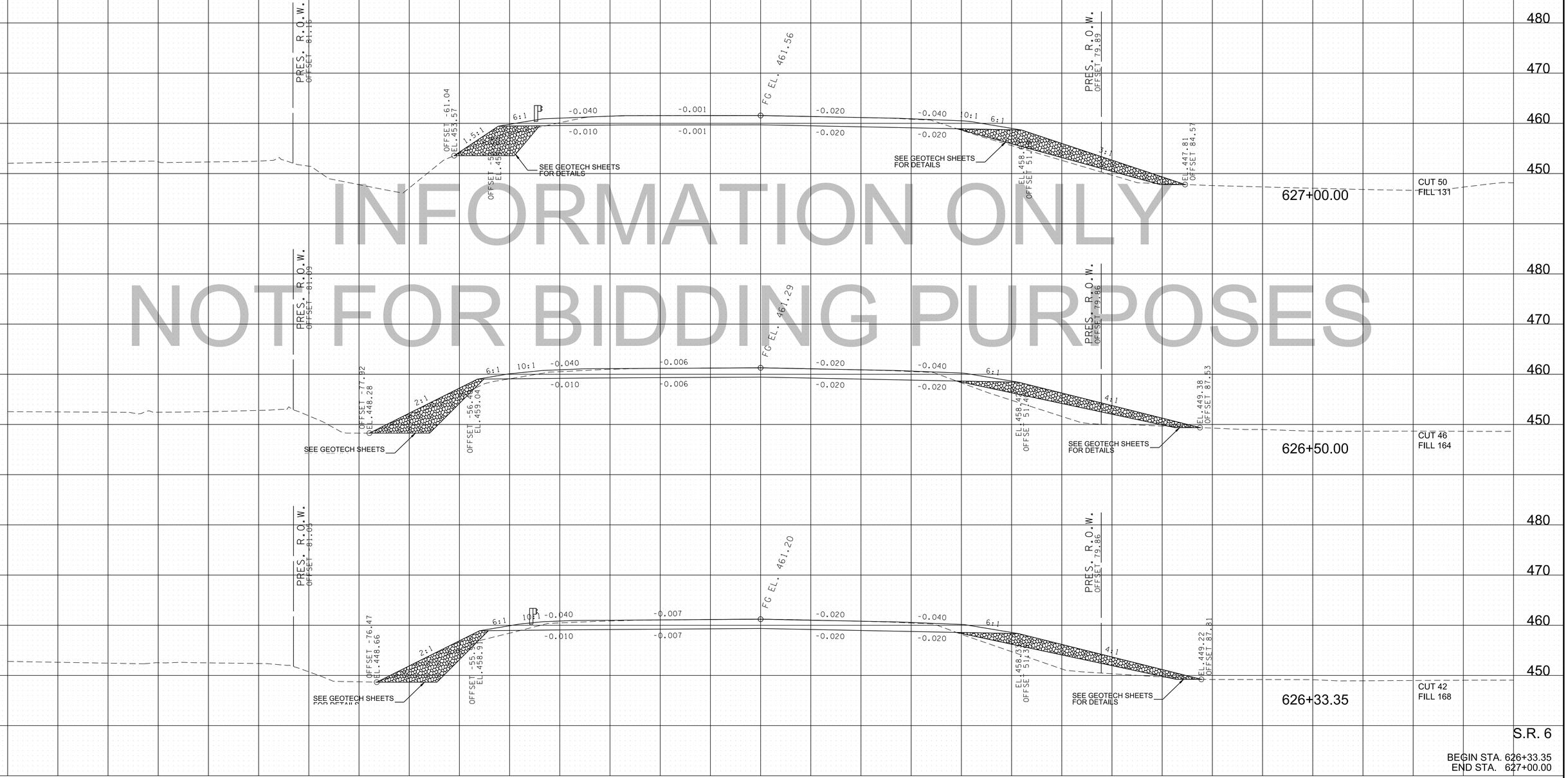

S.R. 6

BEGIN STA. 626+33.35
END STA. 627+00.00

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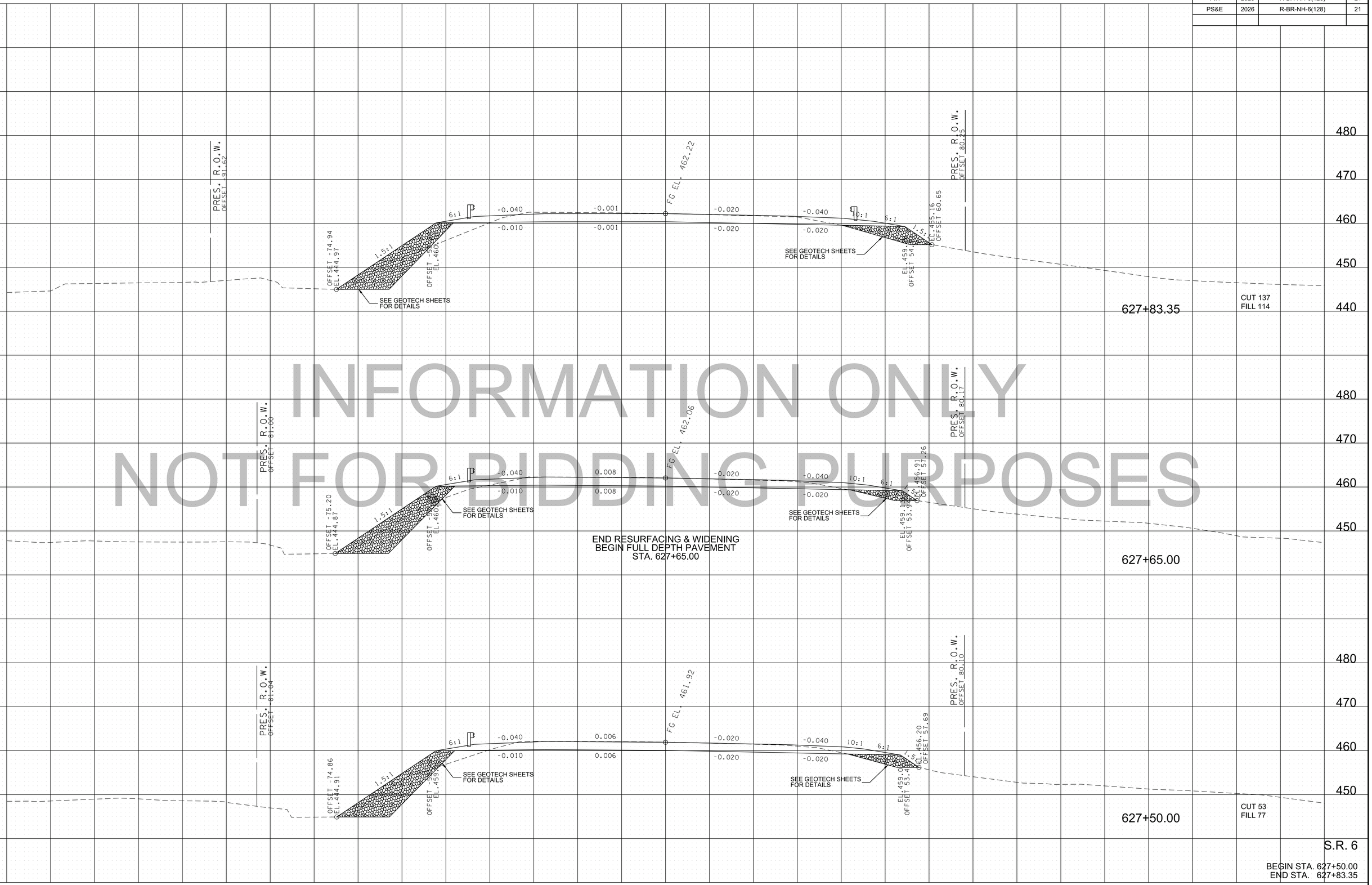
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	19
PIH	2025	R-BR-NH-6(128)	21
PS&E	2026	R-BR-NH-6(128)	21

INFORMATION ONLY
NOT FOR BIDDING PURPOSES



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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	20
PIH	2025	R-BR-NH-6(128)	22
PS&E	2026	R-BR-NH-6(128)	22

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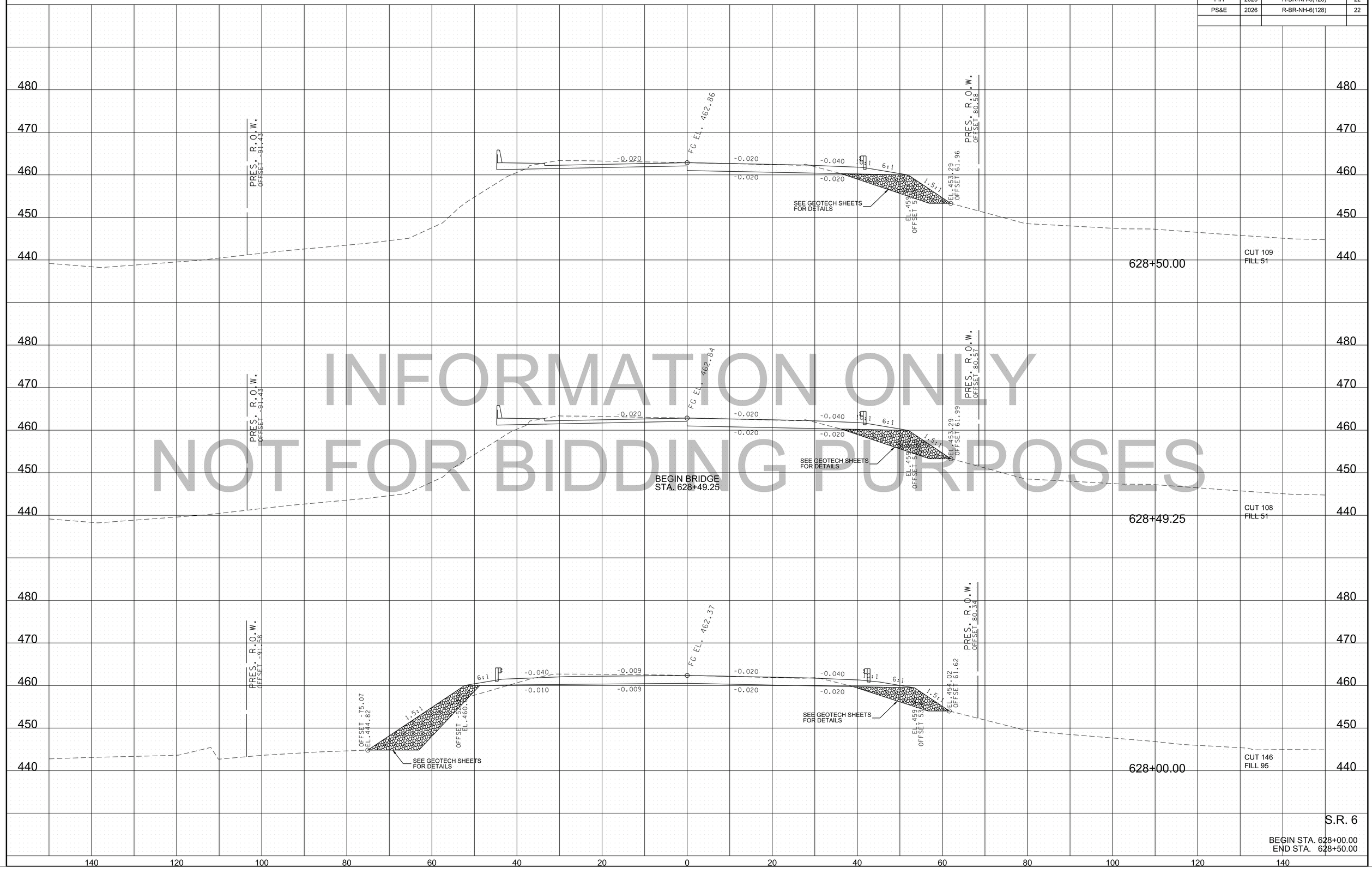

S.R. 6

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	21
PIH	2025	R-BR-NH-6(128)	23
PS&E	2026	R-BR-NH-6(128)	23

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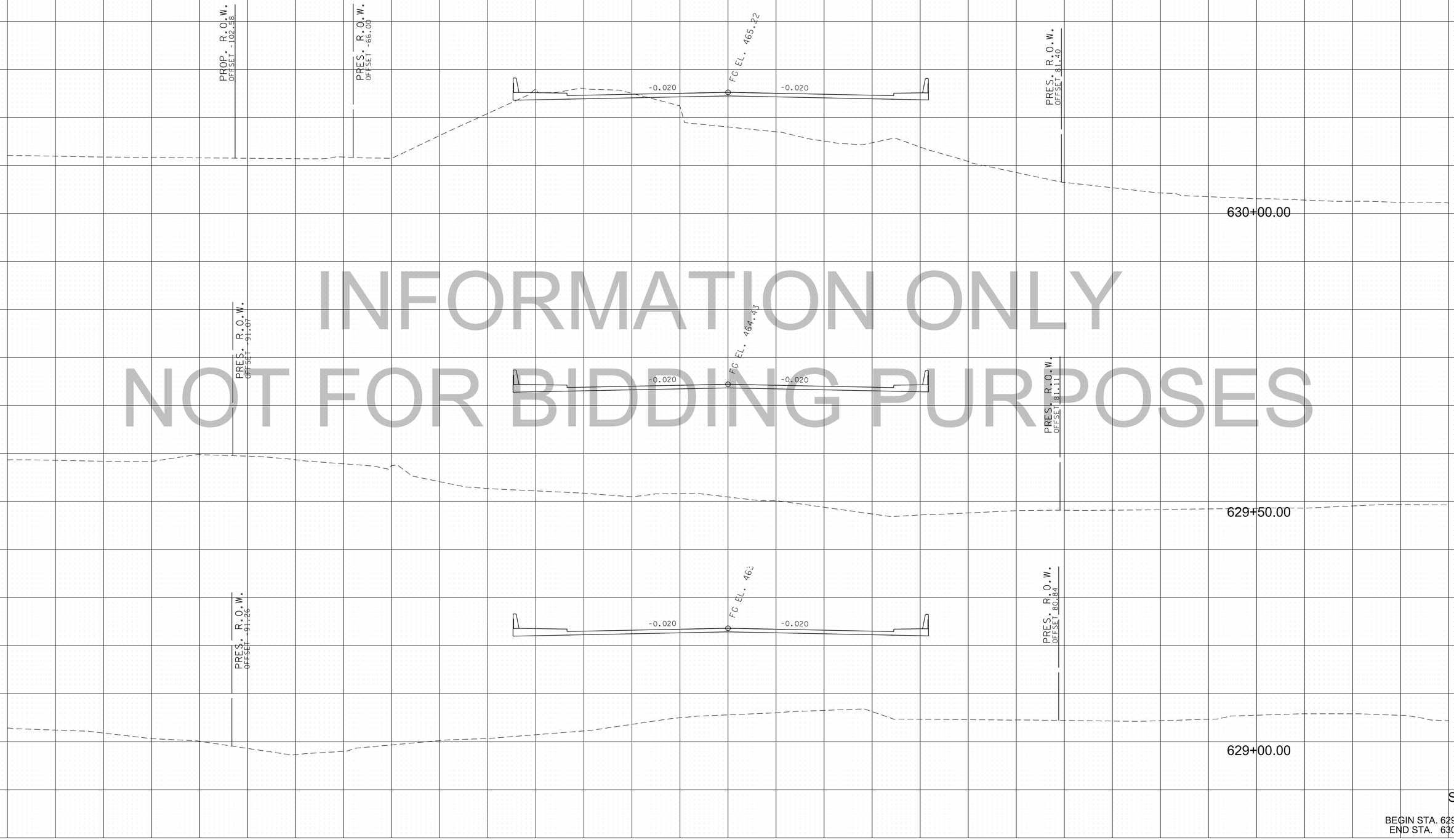

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	22
PIH	2025	R-BR-NH-6(128)	24
PS&E	2026	R-BR-NH-6(128)	24

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PROP. R.O.W. OFFSET -98.18
OFFSET -92.49 EL.456.18
PRES. R.O.W. OFFSET -53.58
OFFSET -54.91 EL.465.57
FG EL. 467.62
PRES. R.O.W. OFFSET 76.81
EL.462.78
EL.464.18 OFFSET 53.09
EL.465.12 OFFSET 70.86
PROP. R.O.W. OFFSET* 91.42
631+00.00
CUT 197
FILL 164

PROP. R.O.W. OFFSET* -100.22
OFFSET -93.69 EL.453.72
PRES. R.O.W. OFFSET -53.80
OFFSET -55.62 EL.463.24
FG EL. 466.20
EL.463.33 OFFSET 51.34
PRES. R.O.W. OFFSET 81.70
EL.460.52 OFFSET 62.55
630+50.00
CUT 169
FILL 149

PROP. R.O.W. OFFSET -101.33
OFFSET -94.20 EL.452.79
PRES. R.O.W. OFFSET -65.89
OFFSET -54.64 EL.462.68
FG EL. 465.62
PRES. R.O.W. OFFSET 81.55
END BRIDGE
STA. 630+25.75
630+25.75
CUT 137
FILL 129

S.R. 6
BEGIN STA. 630+25.75
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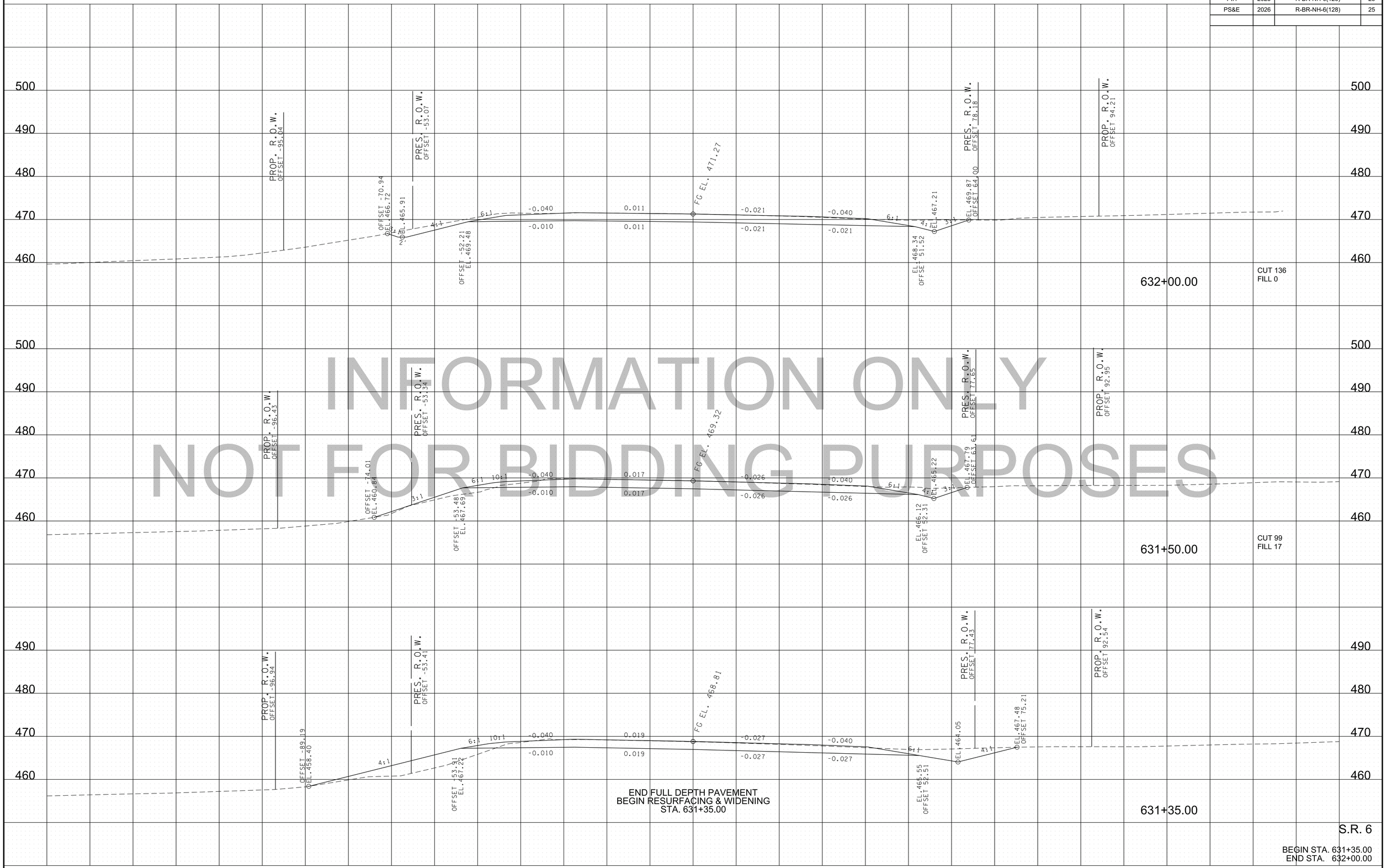
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	23
PIH	2025	R-BR-NH-6(128)	25
PS&E	2026	R-BR-NH-6(128)	25



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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	24
PIH	2025	R-BR-NH-6(128)	26
PS&E	2026	R-BR-NH-6(128)	26

INFORMATION ONLY
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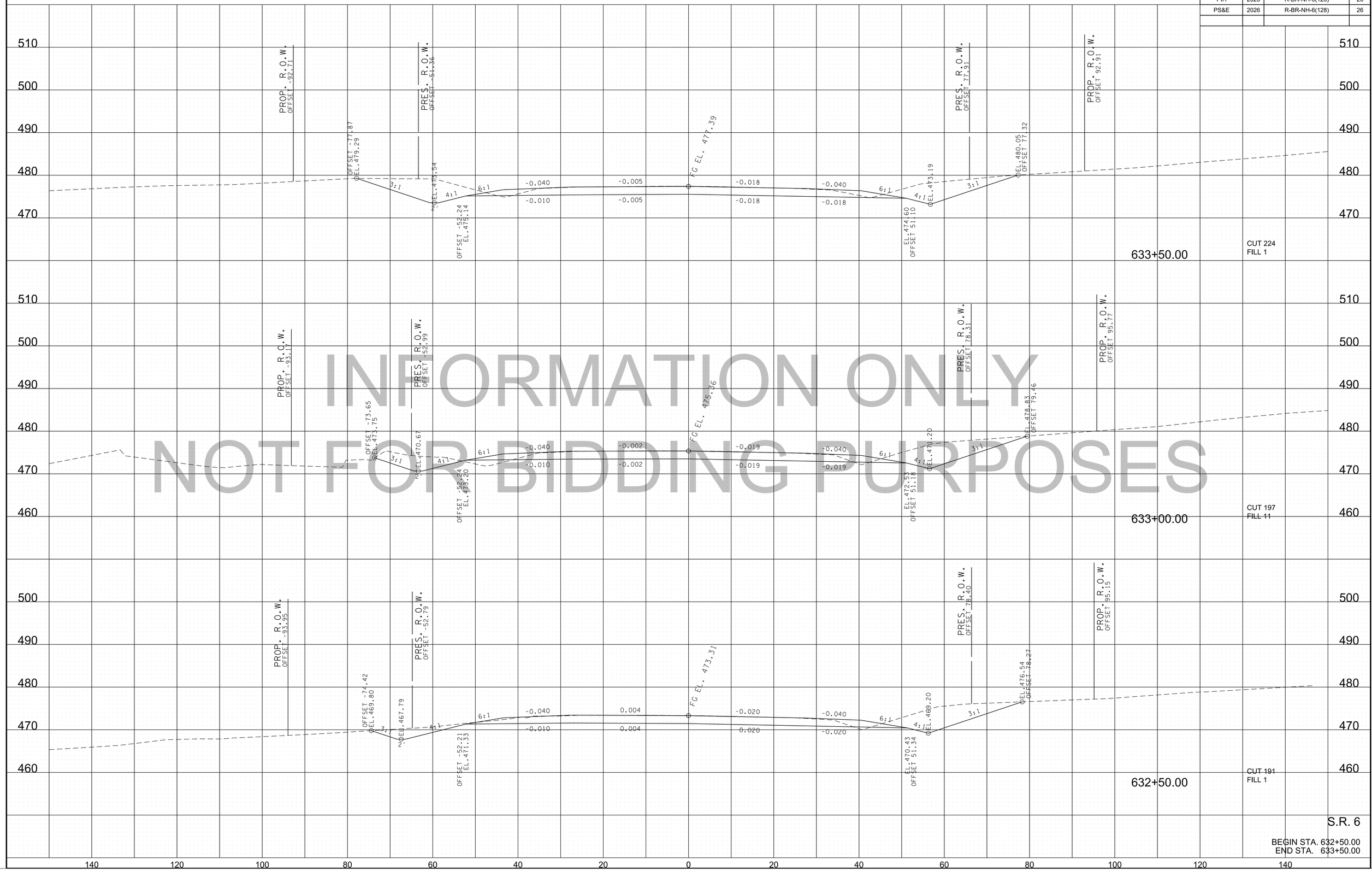

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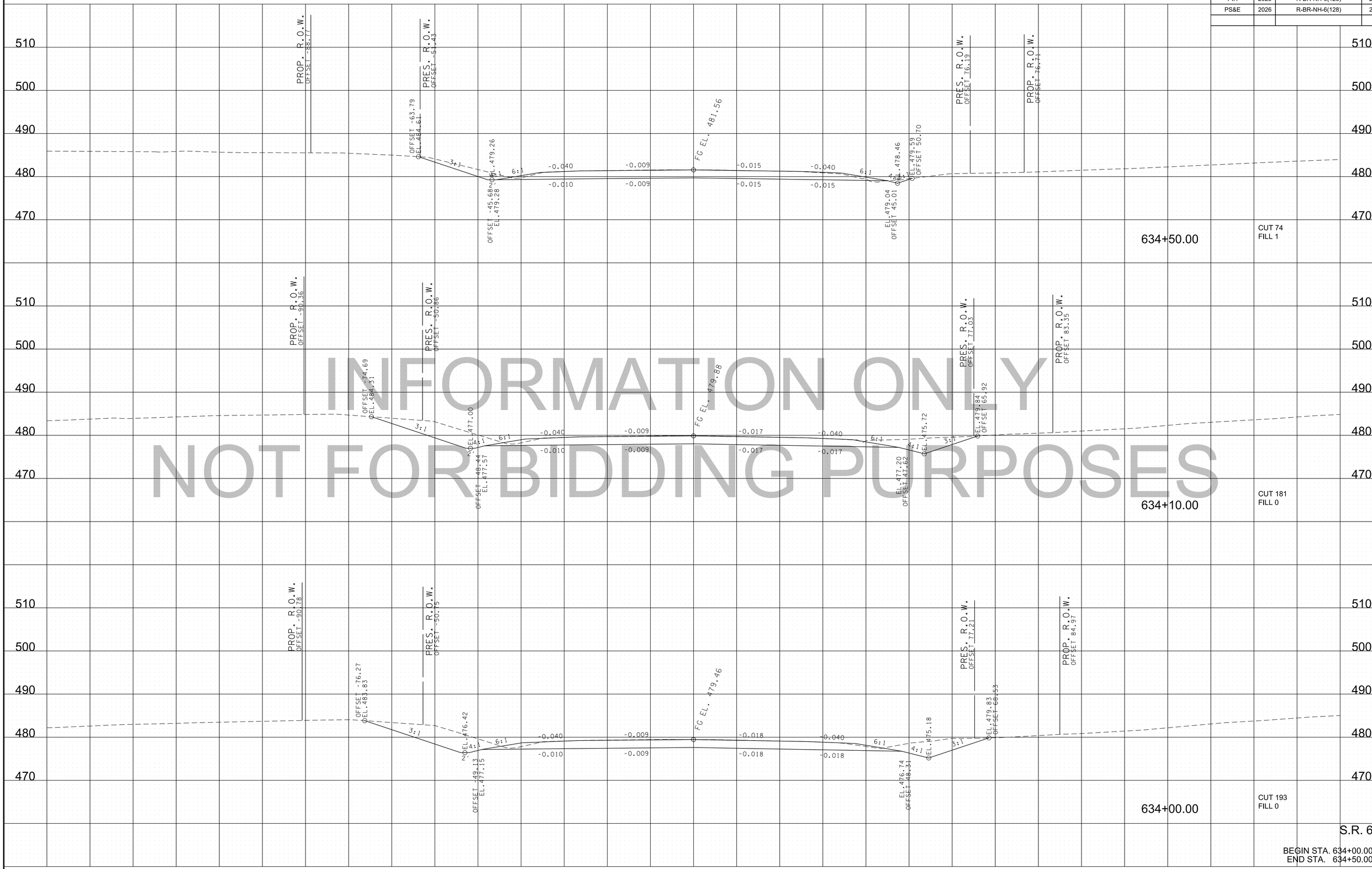
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	25
PIH	2025	R-BR-NH-6(128)	27
PS&E	2026	R-BR-NH-6(128)	27



INFORMATION ONLY
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S.R. 6

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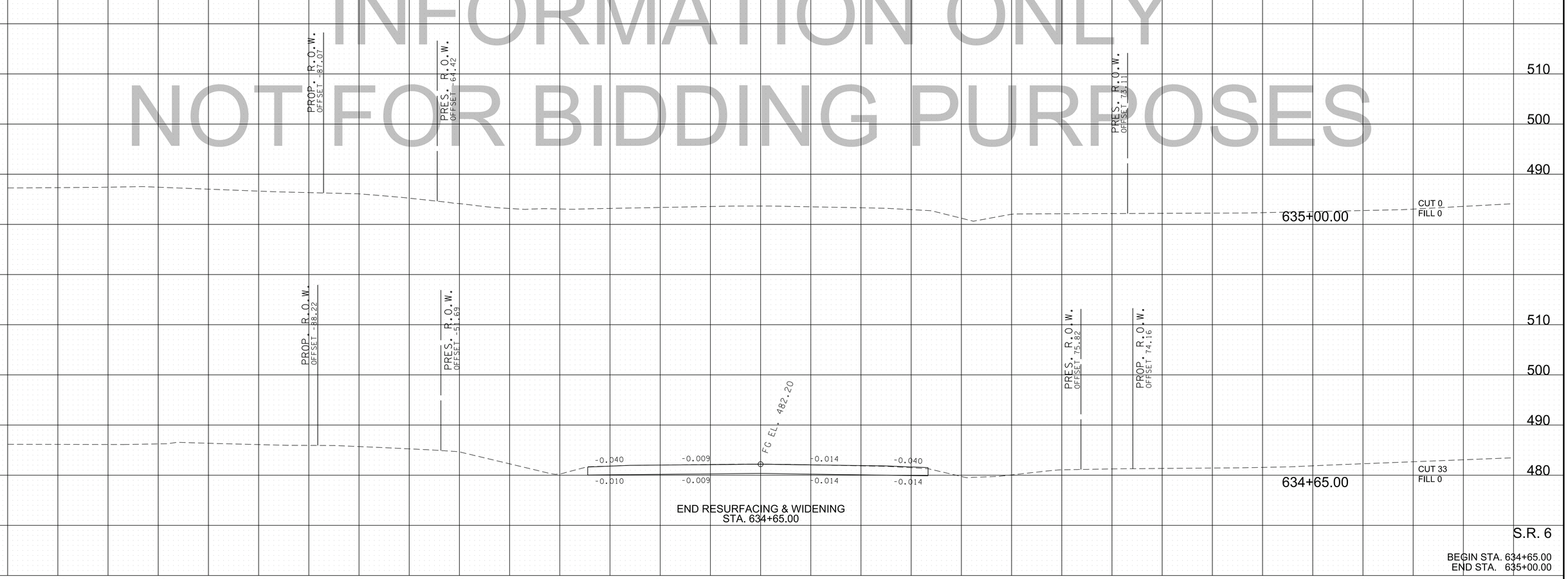
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	26
PIH	2025	R-BR-NH-6(128)	28
PS&E	2026	R-BR-NH-6(128)	28

INFORMATION ONLY
NOT FOR BIDDING PURPOSES



S.R. 6

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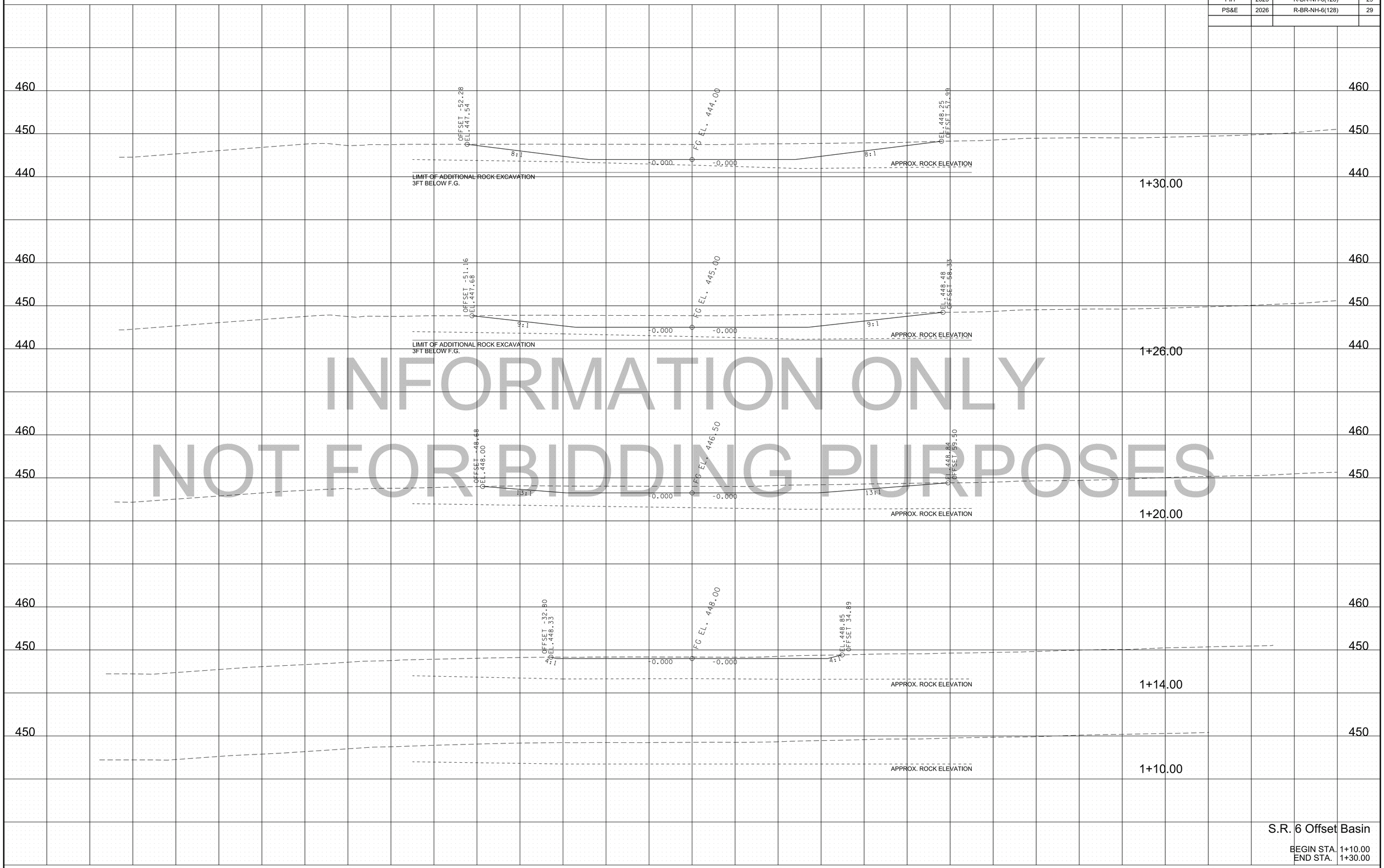
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	27
PIH	2025	R-BR-NH-6(128)	29
PS&E	2026	R-BR-NH-6(128)	29



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S.R. 6 Offset Basin

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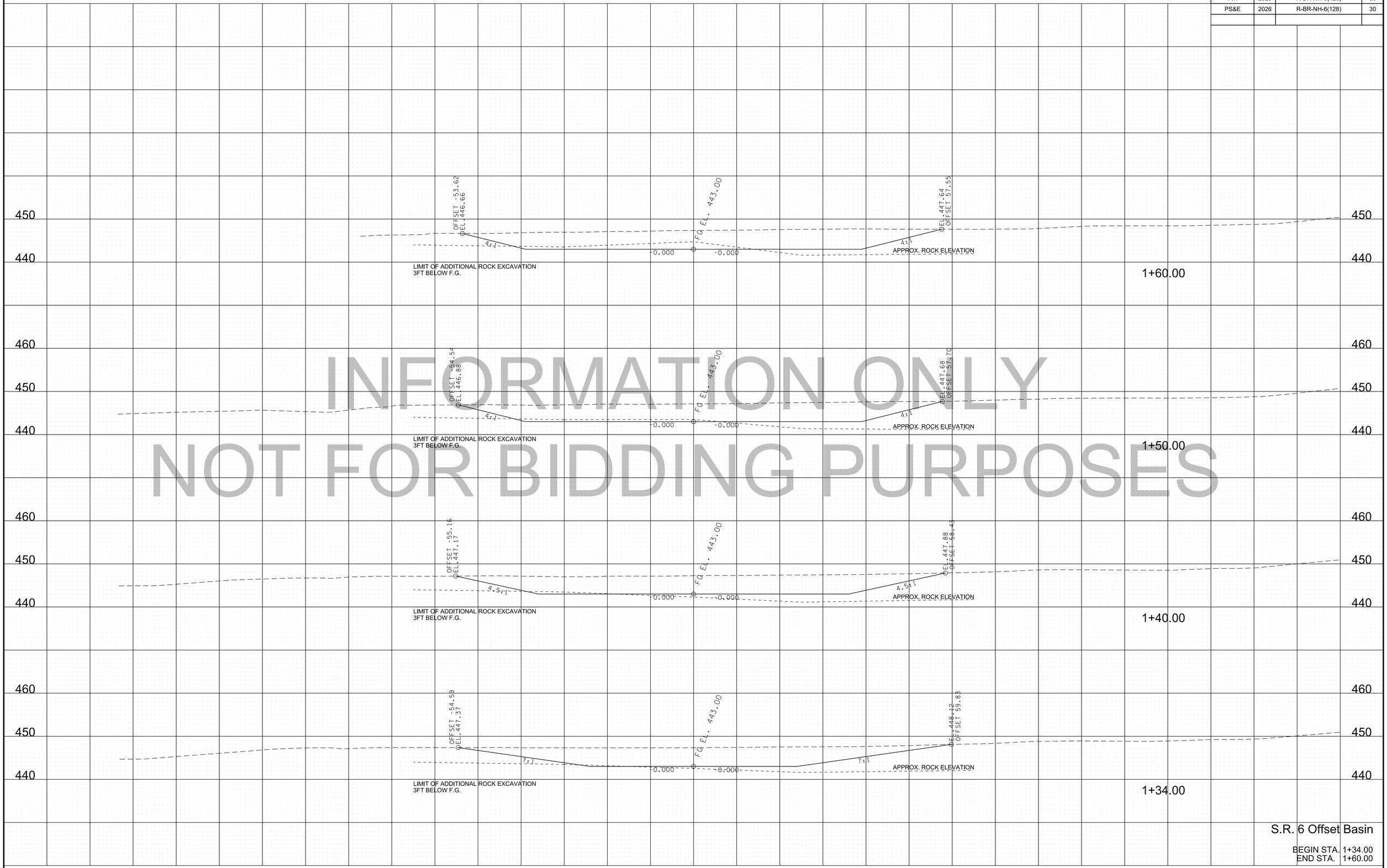
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	28
PIH	2025	R-BR-NH-6(128)	30
PS&E	2026	R-BR-NH-6(128)	30



INFORMATION ONLY
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	29
PIH	2025	R-BR-NH-6(128)	31
PS&E	2026	R-BR-NH-6(128)	31

INFORMATION ONLY
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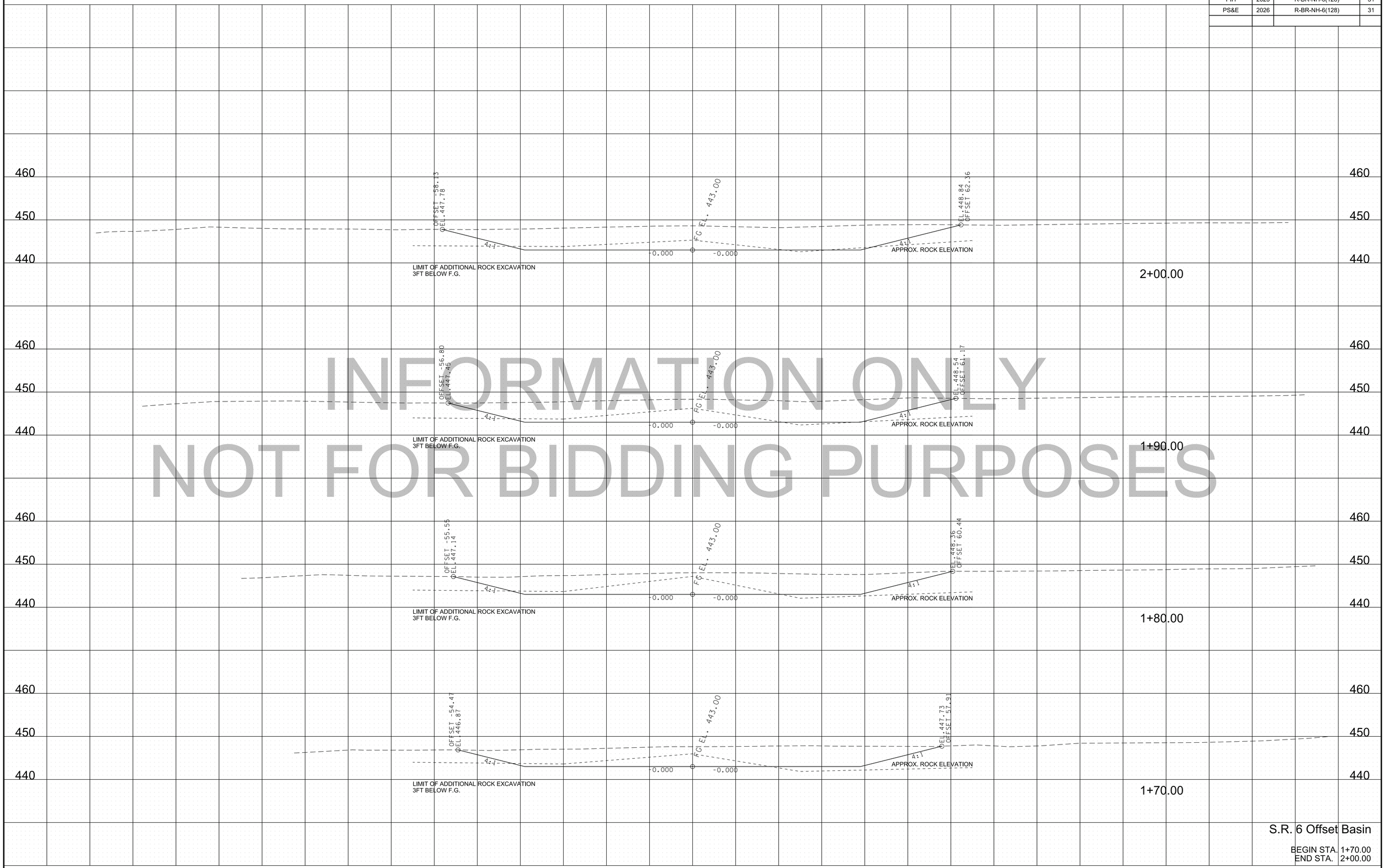

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	30
PIH	2025	R-BR-NH-6(128)	32
PS&E	2026	R-BR-NH-6(128)	32

INFORMATION ONLY

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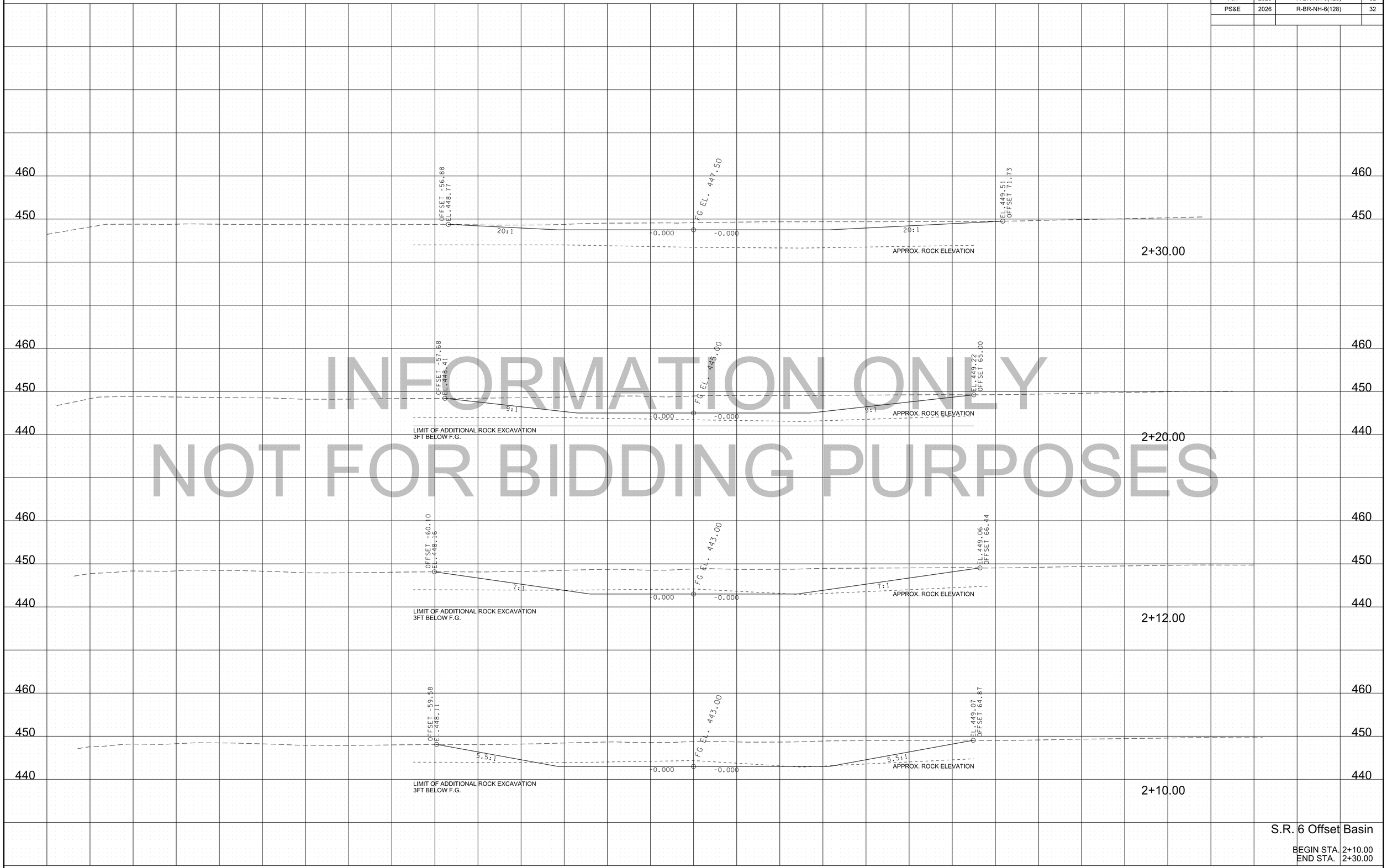

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	BR-NH-6(128)	31
PIH	2025	R-BR-NH-6(128)	33
PS&E	2026	R-BR-NH-6(128)	33

INFORMATION ONLY

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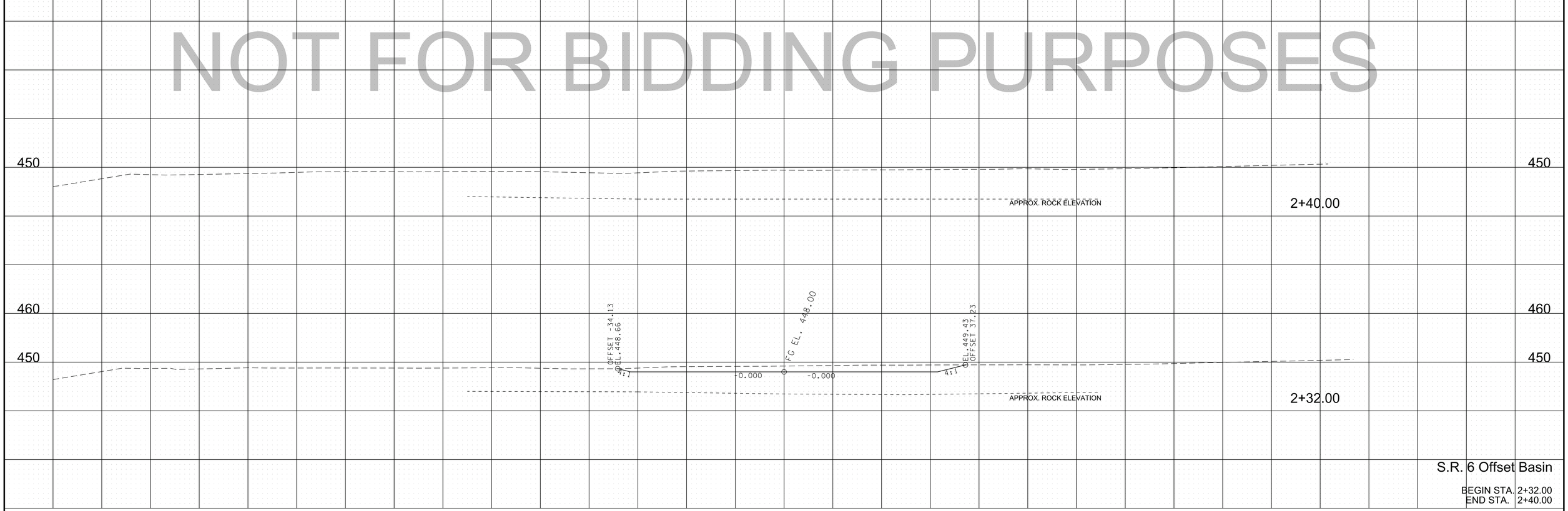

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T1
PS&E	2026	R-BR-NH-6(128)	T1

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 3.5 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.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0001426
STATE OF TENNESSEE

03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T2
PS&E	2026	R-BR-NH-6(128)	T2

TABULATED TRAFFIC CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	PHASE 0A QUANTITY	PHASE 0B QUANTITY	PHASE 1 QUANTITY	PHASE 2 QUANTITY	PHASE 3 QUANTITY	TOTAL QUANTITY 83077-3220-94
	303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING D	TON			145	74		219
	712-01	TRAFFIC CONTROL	LS	0.5	0.5	0.5	0.5	0.5	0.5
3	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	500	920	850	580		920
	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	2	2	2	2		8
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	24	10	334	338	100	338
	712-04.50	BARRIER RAIL DELINEATOR	EACH	9	8	9	13		13
	712-05.01	WARNING LIGHTS (TYPE A)	EACH			22	26		26
	712-06	SIGNS (CONSTRUCTION)	S.F.	140	140	656	669	346	990
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.			132	156		156
	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
	713-02.30	FLEXIBLE TUBULAR DELINEATOR	EACH	14	16				30
1	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH			2	2	2	2
	716-01.05	TEMPORARY RAISED PAVEMENT MARKER	EACH	54	54	75	75		258
4	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.			75	77		152
4	716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	EACH					5	5.0
4,5	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	1	0.6	2.35	2.25	5.1	11.3
2	716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	L.F.	2800	2830	10664	10664		26958
2	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.			75	77		152
2,6	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH			10			10
2	716-08.11	REMOVAL OF WORD PAVEMENT MARKING (ONLY)	EACH			4			4

FOOTNOTES

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

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

(3) THE PORTABLE BARRIER RAIL USED ON THE BRIDGE DECK AND APPROACH SLABS (224'-6" LENGTH) SHALL BE BOLTED DOWN DURING PHASE 1 AND STIFFENED DURING PHASE 2. SEE STANDARD DRAWINGS STD-2-1 AND STD-2-3 FOR DETAILS. ALL COSTS FOR THE ANCHOR BOLTS AND STIFFENER ASSEMBLIES AND THEIR INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM NO. 712-02.02.

(4) TO BE USED AS TEMPORARY PAVEMENT MARKINGS. PAY ITEM INCLUDES THE COST FOR REMOVAL OF THE TEMPORARY PAINT.

(5) INCLUDES 6.2 L.M. FOR TRAFFIC CONTROL AND 5.1 L.M. TO BE USED ON MILLED SURFACES.

(6) INCLUDES THE COST OF REMOVAL FOR THE SHARROWS IN THE TURN LANE.

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 1	NO. REQUIRED PHASE 2	NO. REQUIRED PHASE 3	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.	STANDARD DRAWING NO.	REMARKS
W20-1	ROAD WORK AHEAD	48"	X	48"	16			8	9	2	9	144.00		
W20-1	ROAD WORK 1 MILE	48"	X	48"	16	2	2	2	2		2	32.00	T-WZ-10	
W20-5R	RIGHT LANE CLOSED 1/2 MILE	48"	X	48"	16			1	1	2	2	32.00	T-WZ-60	
W20-5R	RIGHT LANE CLOSED 1500 FT	48"	X	48"	16			1	1	2	2	32.00	T-WZ-12	
W4-2R	LANE CLOSED MERGE RIGHT - SYMBOL	48"	X	48"	16			1	1	2	2	32.00	T-WZ-12	
W20-5L	LEFT LANE CLOSED 1/2 MILE	48"	X	48"	16			1	1	2	2	32.00	T-WZ-60	
W20-5L	LEFT LANE CLOSED 1500 FT	48"	X	48"	16			1	1	2	2	32.00	T-WZ-12	
W4-2L	LANE CLOSED MERGE LEFT - SYMBOL	48"	X	48"	16			1	1	2	2	32.00	T-WZ-12	
G20-2	END ROAD WORK	48"	X	24"	8	2	2	10	10	2	10	80.00	T-WZ-10	
R3-2	NO LEFT TURN	36"	X	36"	9			19	17		19	171.00		
R10-11A	NO TURN ON RED	36"	X	48"	12			1	3		3	36.00		
W1-4L	REVERSE CURVE (LEFT)	48"	X	48"	16			1	1		1	16.00	MUTCD, TA-32	
W1-4R	REVERSE CURVE (RIGHT)	48"	X	48"	16			1	1		1	16.00	MUTCD, TA-32	
R1-1	STOP	36"	X	36"	9			3	2		3	27.00		
G20-5aP	WORK ZONE	24"	X	18"	3			2	2		2	6.00		SEE SHT. 2G
W21-2	FRESH OIL	48"	X	48"	16					2	2	32.00	T-WZ-60	
W8-11	UNEVEN LANES	48"	X	48"	16					2	2	32.00	T-WZ-60	
W8-15	GROOVED PAVEMENT	48"	X	48"	16					2	2	32.00	T-WZ-60	
W8-15Pa	MOTORCYCLE PLAQUE	30"	X	24"	5					2	2	10.00	T-WZ-60	
W20-1	ROAD WORK 1/2 MILE	48"	X	48"	16	2	2				2	32.00	T-WZ-16	
W20-1	ROAD WORK 1000FT	48"	X	48"	16	1	1				1	16.00	T-WZ-16	
W1-4BL	LANE SHIFT (LEFT)	48"	X	48"	16	1	1				1	16.00	T-WZ-16	
W1-4BR	LANE SHIFT (RIGHT)	48"	X	48"	16	1	1				1	16.00	T-WZ-16	
R4-9	STAY IN LANE	36"	X	48"	12	1	1				1	12.00	T-WZ-16	
W20-5B	BIKE LANE CLOSED AHEAD	48"	X	48"	16			2	2		2	32.00	MUTCD, TA-47	
W9-5A	BIKES (MERGE)	48"	X	48"	16			2	2		2	32.00	MUTCD, TA-47	
M6-2PL	DIAGONAL ARROW PLAQUE (LEFT)	21"	X	15"	2			2	2		2	4.38	MUTCD, TA-47	
R9-12	BIKE LANE CLOSED	24"	X	12"	2			2	2		2	4.00	MUTCD, TA-47	
											TOTAL	990	S.F.	

INFORMATION ONLY
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TYPE III BARRICADE
w/ TYPE A
WARNING LIGHTS

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)

*SEE SHEET T4 FOR PHASING TYPICAL DETAILS

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TABULATED TRAFFIC CONTROL QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T3
PS&E	2026	R-BR-NH-6(128)	T3

TRAFFIC CONTROL PHASING NOTES

PHASE 0

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

(2) TEMPORARY PAVEMENT MARKINGS INDICATED IN PHASE 0 PLANS SHOULD BE INSTALLED IN ACCORDANCE WITH MUTCD AND TDOT STANDARDS PRIOR TO SHIFTING TRAFFIC INTO THE EXISTING STRIPED MEDIAN. ALL CONFLICTING EXISTING PAVEMENT MARKINGS SHALL BE REMOVED.

(3) SHOULDER AND UTILITY WORK IS EXPECTED TO OCCUR IN PHASE 0. TRAVEL LANES WILL BE BE SHIFTED INTO THE STRIPED MEDIAN, ONE DIRECTION AT A TIME, AS SHOWN IN PHASE 0A AND 0B PLANS. TWO TRAVEL LANES IN EACH DIRECTION SHALL BE MAINTAINED THROUGHOUT BOTH PHASES 0A AND 0B.

PHASE 1

(1) PRIOR TO ANY CONSTRUCTION TAKING PLACE, ADVANCE WARNING SIGNS LOCATED ON SR-6 MUST BE INSTALLED. MESSAGE BOARDS MUST BE INSTALLED. LEFT TURN MOVEMENTS WILL NOT BE ALLOWED FOR PHASES 1 AND 2 EXCEPT AT THE INTERSECTION OF SR-6 AND BROWN LANE. PLACE ADDITIONAL BARRELS AT ANY LOCATION THAT IS RESTRICTING LEFT TURN MOVEMENTS TO PREVENT VEHICLES FROM MAKING PROHIBITED LEFT TURNS.

(2) TEMPORARY PAVEMENT MARKINGS INDICATED IN PHASE 1 PLANS SHOULD BE INSTALLED IN ACCORDANCE WITH MUTCD AND TDOT STANDARDS PRIOR TO DIVERTING TRAFFIC TO THE EXISTING NORTHBOUND LANES.

(3) ONE LANE CLOSURES ARE EXPECTED TO OCCUR IN PHASE 1. ALL APPLICABLE TDOT AND MUTCD STANDARDS SHOULD BE FOLLOWED WITH THE EXCEPTION OF USING A 11' LANE WIDTH AND 1' SHOULDER OFFSET FROM THE PORTABLE BARRIER RAIL. SEE WORK ZONE DEVIATION FORM FOR MORE INFORMATION.

(4) CONSTRUCTION OF THE PROPOSED ROAD & SHOULDER WIDENING AS WELL AS THE FULL DEPTH SECTIONS FOR THE SOUTHBOUND LANES ON THE BRIDGE AND ROADWAY WILL OCCUR. CONSTRUCTION FOR THE DRIVEWAYS AND SLOPES ON THE NORTH SIDE OF THE PROJECT WILL BE COMPLETED.

PHASE 2

(1) TEMPORARY PAVEMENT MARKINGS INDICATED IN PHASE 2 PLANS SHOULD BE INSTALLED IN ACCORDANCE WITH MUTCD AND TDOT STANDARDS PRIOR TO DIVERTING TRAFFIC TO THE PROPOSED SOUTHBOUND LANES. ADDITIONALLY, TRAFFIC WILL BE FURTHER DIVERTED ONTO THE NEW PROPOSED SHOULDER FOR ADDED TRAVELED WAY WIDTH.

(2) ALL NECESSARY ADVANCED WARNING SIGNS FOR PHASE 2 CONSTRUCTION SHALL BE INSTALLED AND PLACED AS DIRECTED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITIES TAKING PLACE. THESE SHALL BE INSTALLED IN ACCORDANCE WITH THE MUTCD AND TDOT STANDARDS.

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

(4) LEFT TURN MOVEMENTS WILL NOT BE ALLOWED EXCEPT AT THE INTERSECTION OF SR-6 AND BROWN LANE. PLACE ADDITIONAL BARRELS AT ANY LOCATION THAT IS RESTRICTING LEFT TURN MOVEMENTS TO PREVENT VEHICLES FROM MAKING PROHIBITED LEFT TURNS.

(5) CONSTRUCTION OF THE PROPOSED ROAD & SHOULDER WIDENING AS WELL AS THE FULL DEPTH SECTIONS FOR THE NORTHBOUND LANES ON THE BRIDGE AND ROADWAY WILL OCCUR. CONSTRUCTION FOR THE DRIVEWAYS AND SLOPES ON THE SOUTH SIDE OF THE PROJECT WILL BE COMPLETED.

PHASE 3

(1) ALL NECESSARY ADVANCED WARNING SIGNS FOR PHASE 3 CONSTRUCTION SHALL BE INSTALLED AND PLACED AS DIRECTED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITIES TAKING PLACE. THESE SHALL BE INSTALLED IN ACCORDANCE WITH THE MUTCD AND TDOT STANDARDS.

(2) SIDEWALK, MULTI-USE PATH AND CURB RAMPS ON BRIDGE WILL BE CONSTRUCTED AFTER THE COMPLETION OF THE ROADWAY AND BRIDGE. TRAFFIC WILL UTILIZE THE PROPOSED TRAVEL LANES.

(3) MILLING AND OVERLAY OF THE TRAVELED WAY AND SHOULDERS WILL OCCUR AFTER CONSTRUCTION PHASES 1 AND 2 ARE COMPLETE. THE LIMITS OF MILL AND OVERLAY EXTEND FROM NEAR BROWN LANE TO THE FULL DEPTH SECTION ON THE WESTERN SIDE OF THE BRIDGE (STA. 627+65.00) AND FROM THE FULL DEPTH SECTON ON THE EASTERN SIDE OF THE BRIDGE (STA. 631+35.00) TO NEAR N. MARTIN VINEYARD WAY. ONCE MILLING AND OVERLAY IS COMPLETE, FINAL PAVEMENT MARKINGS SHALL BE INSTALLED.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

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03-31-2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PHASING NOTES

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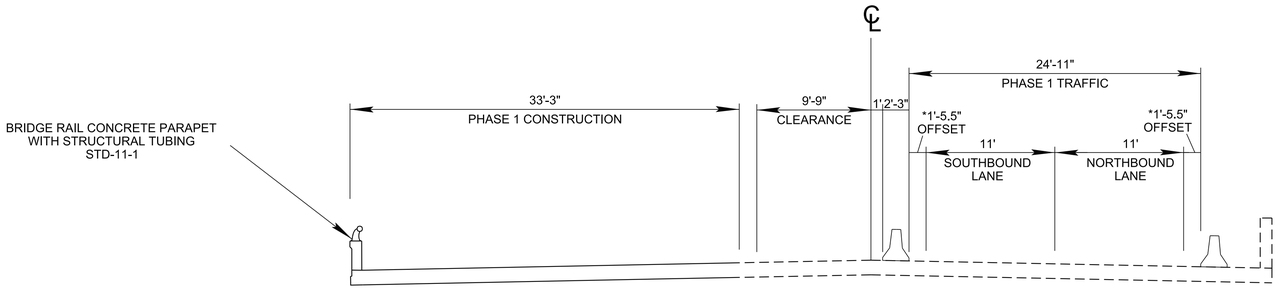
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T4
PS&E	2026	R-BR-NH-6(128)	T4



LANES SHIFTED TO THE SOUTHSIDE OF
EXISTING STRUCTURE AND ROADWAY

PHASE 1

INFORMATION ONLY
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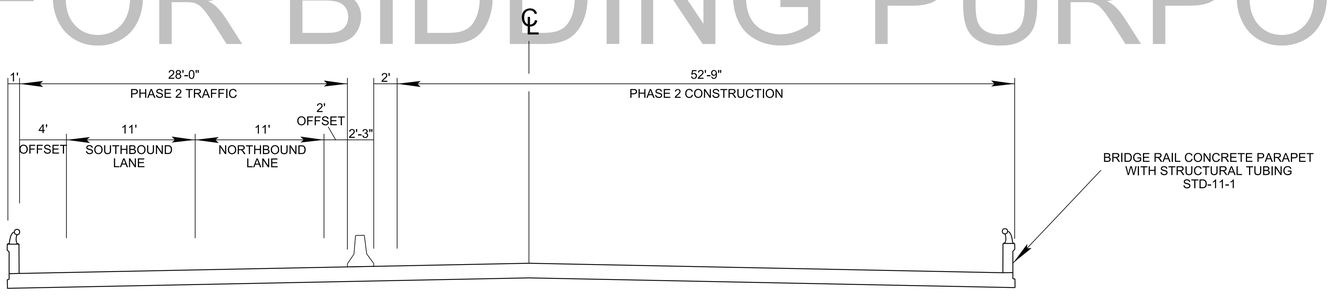

LANES SHIFTED TO THE NORTHSIDE OF NEW
PROPOSED STRUCTURE AND ROADWAY

PHASE 2

*NOTES:
1'-5.5" OFFSET FROM BARRIERS DUE TO LIMITATIONS
IN TRAVELED WAY WIDTH FROM EXISTING STRUCTURE.
SEE WORK ZONE DEVIATION FORM FOR
MORE INFORMATION.

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DEPARTMENT OF TRANSPORTATION

TRAFFIC
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T6
PS&E	2026	R-BR-NH-6(128)	T5

INFORMATION ONLY

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N

625

630

635

EAST FORK STATION CAMP CREEK (STR-1)

PC 627+08.35

SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

HARRIS LN ASP.

S 41° 44' 02" E

END ROAD WORK G20-2 48" X 24"

500'

W1-4BR 48" X 48"

SURFACE MOUNTED FLEXIBLE DELINEATORS (40' SPACING)

W1-4BL 48" X 48"

STAY IN LANE R4-9 36" X 48"

1000' 1600' 2600'

W20-1 48" X 48" ROAD WORK ½ MILE

W20-1 48" X 48" ROAD WORK 1 MILE

S 27° 35' 24" E

LAKE DR ASP.

N 48° 53' 37" E

NASHVILLE PIKE (SR-6) ASP.

2600' 1600' 1000'

W20-1 48" X 48" ROAD WORK 1 MILE

W20-1 48" X 48" ROAD WORK ½ MILE

W20-1 48" X 48" ROAD WORK 1000 FT

40'

40'

500'

G20-2 48" X 24" END ROAD WORK

EXISTING BRIDGE T.B.R.
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
142'-6" - 5 SPAN CONCRETE
68'-6" OUT-TO-OUT WIDTH
SKEW 75°

83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

N BLUE JAY WAY ASP.

S 40° 38' 04" E

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

TO OFFSET BASIN

15

EAST FORK STATION CAMP CREEK (STR-1)

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0011497
STATE OF TENNESSEE

03-31-2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS PHASE 0A

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T7
PS&E	2026	R-BR-NH-6(128)	T6

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N

625

630

635

EAST FORK STATION CAMP CREEK (STR-1)

PC 627+08.35

SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

HARRIS LN ASP.

S 41° 44' 02" E

END ROAD WORK G20-2 48" X 24"

500'

N 48° 53' 37" E

NASHVILLE PIKE (SR-6) ASP.

W20-1 48" X 48" ROAD WORK 1000 FT
W20-1 48" X 48" ROAD WORK ½ MILE
W20-1 48" X 48" ROAD WORK 1 MILE
1000' 1600' 2600'

S 27° 35' 24" E

LAKE DR ASP.

2600' 1600' 1000'
W20-1 48" X 48" ROAD WORK 1 MILE
W20-1 48" X 48" ROAD WORK ½ MILE
W1-4LR 48" X 48"
STAY IN LANE R4-9 36" X 48"

40'
SURFACE MOUNTED FLEXIBLE DELINEATORS (40' SPACING)

W1-4BR 48" X 48"

40'

500'
G20-2 48" X 24" END ROAD WORK

N BLUE JAY WAY ASP.

S 40° 38' 04" E

15

LTO OFFSET BASIN

EXISTING BRIDGE T.B.R.
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
142'-6" - 5 SPAN CONCRETE
68'-6" OUT-TO-OUT WIDTH
SKEW 75°

EAST FORK STATION CAMP CREEK (STR-1)

83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
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83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
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83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

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03-31-2026

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TRAFFIC CONTROL PLANS PHASE 0B

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T8
PS&E	2026	R-BR-NH-6(128)	T7

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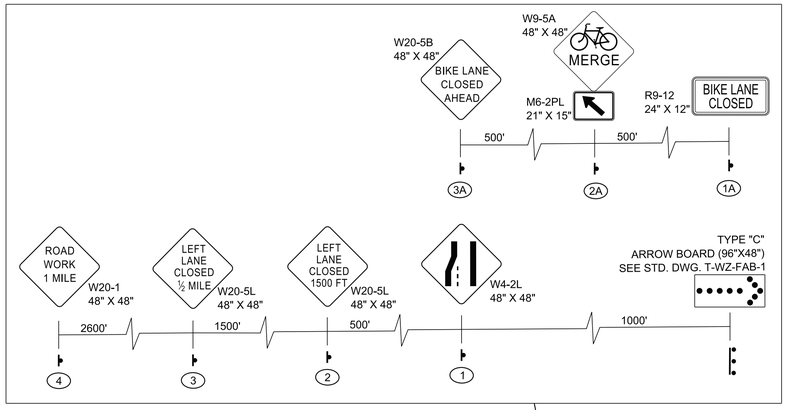
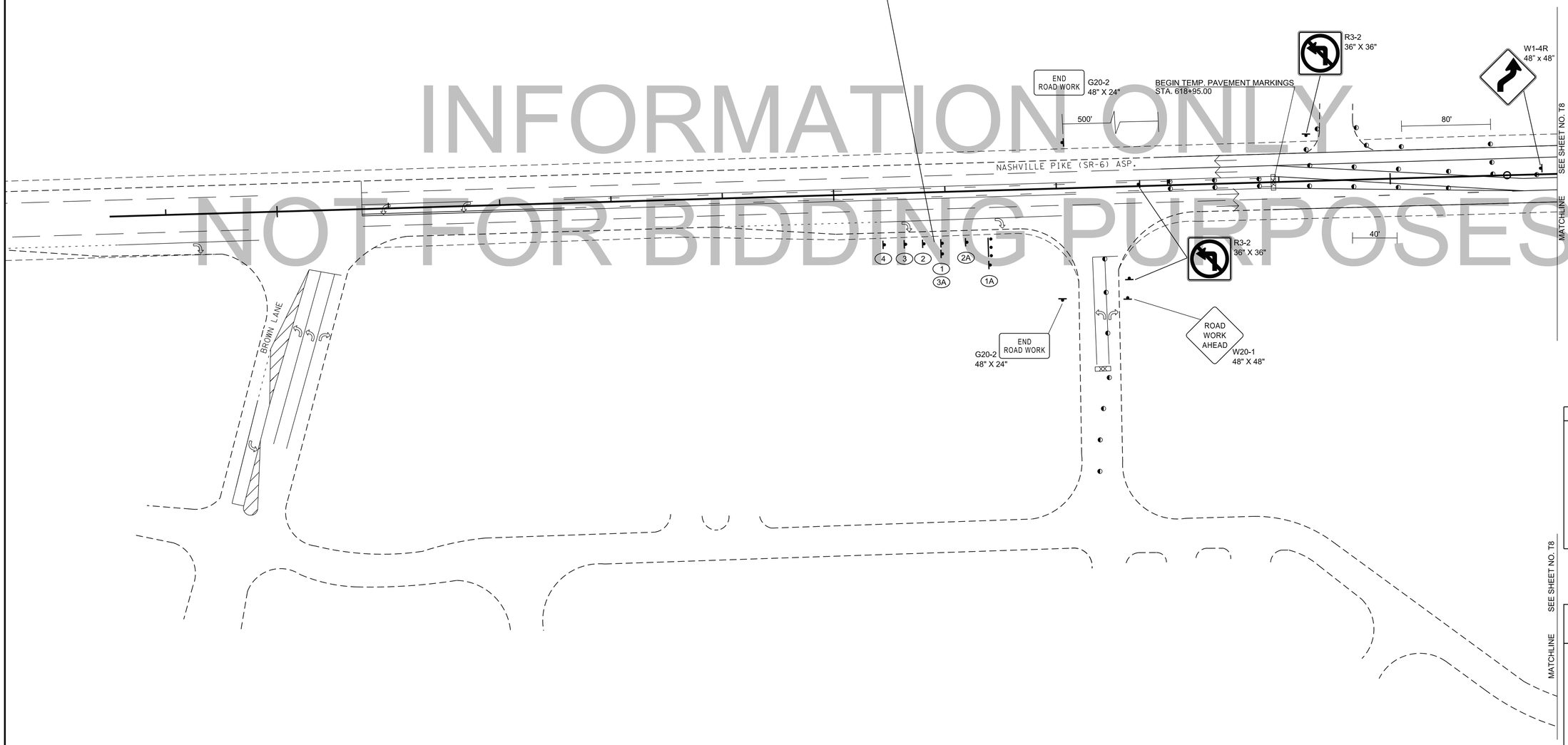


610

615

620

POT 621+05.07



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TRAFFIC CONTROL PLANS PHASE 1

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T9
PS&E	2026	R-BR-NH-6(128)	T8

INFORMATION ONLY
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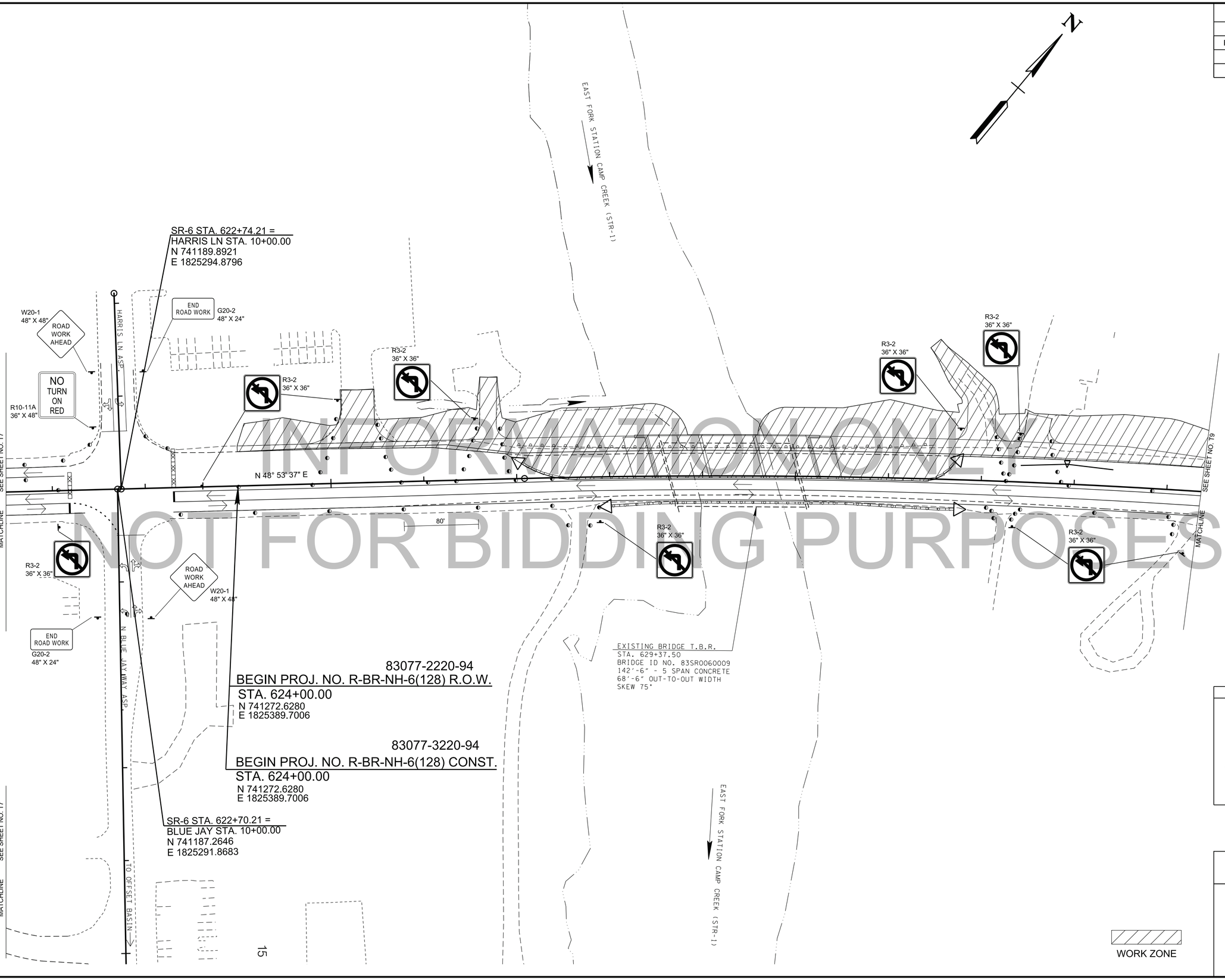

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03-31-2026

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DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS PHASE 1

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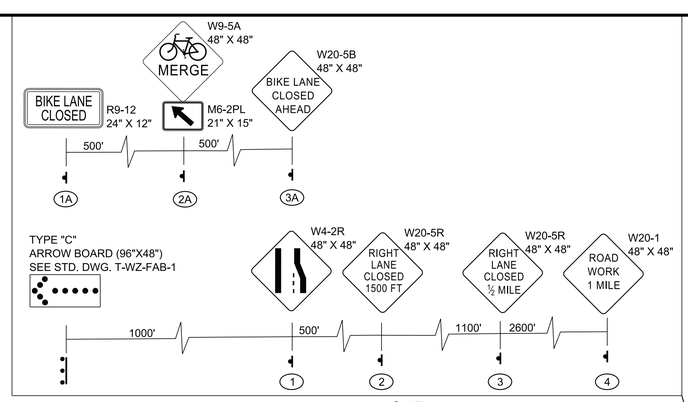
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T10
PS&E	2026	R-BR-NH-6(128)	T9



INFORMATION ONLY
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ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4287
STATE OF TENNESSEE

03-31-2026

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0003 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 1

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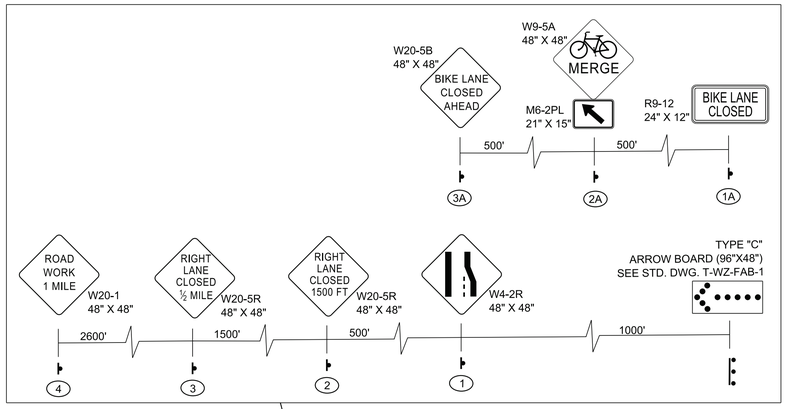
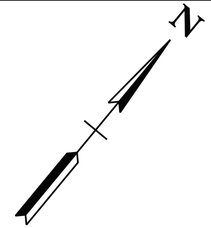
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T11
PS&E	2026	R-BR-NH-6(128)	T10



610

615

620



POT 621+05.07

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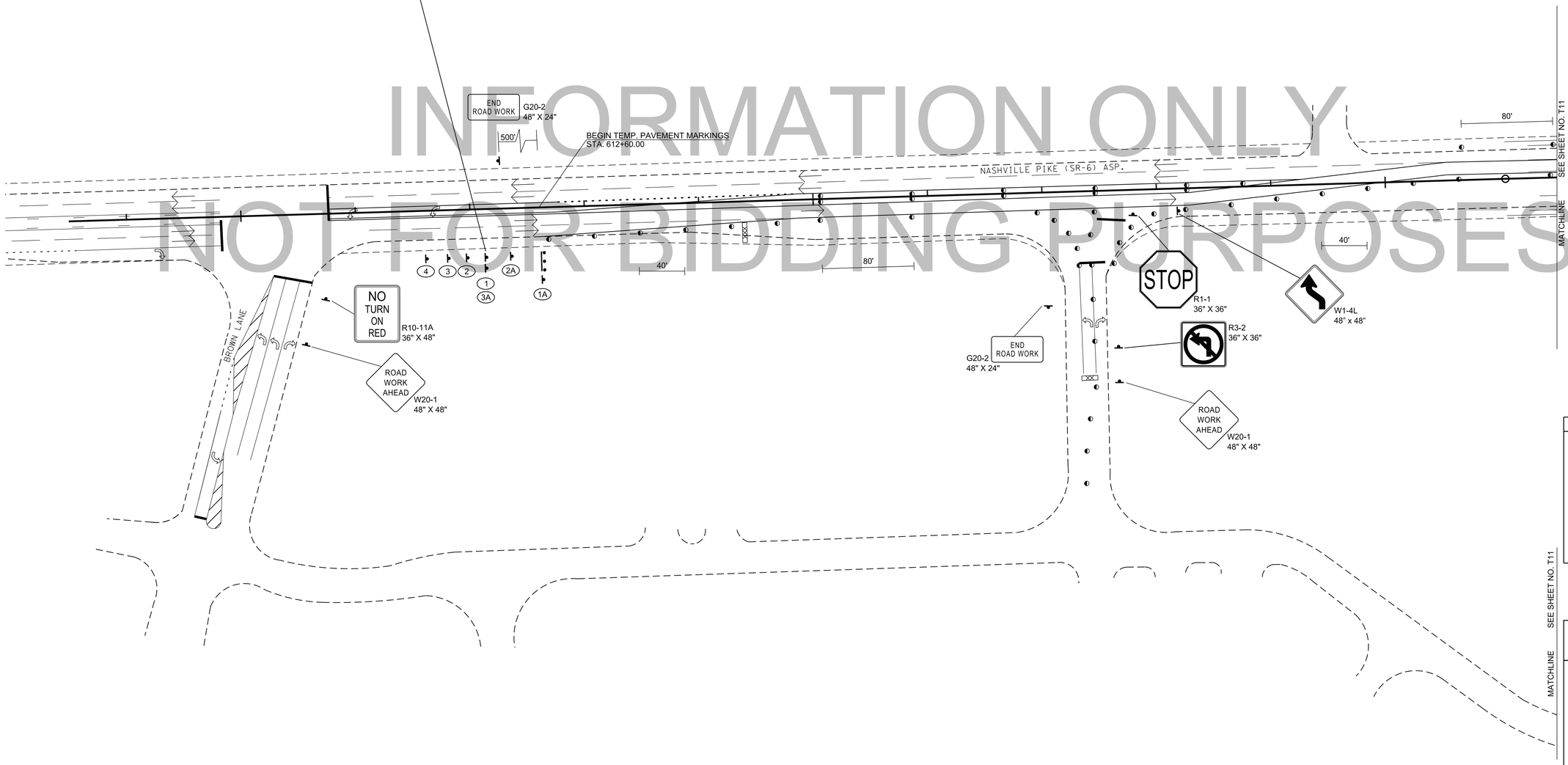

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS PHASE 2

NOT TO SCALE

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T12
PS&E	2026	R-BR-NH-6(128)	T11

INFORMATION ONLY
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N

EAST FORK STATION CAMP CREEK (STR-1)

625

630

SR-6 STA. 622+74.21 =
HARRIS LN STA. 10+00.00
N 741189.8921
E 1825294.8796

HARRIS LN ASP.

W20-1
48" X 48"
ROAD WORK AHEAD

END ROAD WORK
G20-2
48" X 24"

R10-11A
36" X 48"
NO TURN ON RED

R3-2
36" X 36"

40'

N 48° 53' 37" E

SEE SHEET NO. T10

MATCHLINE

SEE SHEET NO. T12

R3-2
36" X 36"

R3-2
36" X 36"

R3-2
36" X 36"

W1-4R
48" x 48"

R3-2
36" X 36"

EXISTING BRIDGE T.B.R.
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
142'-6" - 5 SPAN CONCRETE
68'-6" OUT-TO-OUT WIDTH
SKEW 75°

83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

SR-6 STA. 622+70.21 =
BLUE JAY STA. 10+00.00
N 741187.2646
E 1825291.8683

N BLUE JAY WAY ASP.

ROAD WORK AHEAD
W20-1
48" X 48"

END ROAD WORK
G20-2
48" X 24"

R3-2
36" X 36"

NO TURN ON RED
R10-11A
36" X 48"

SEE SHEET NO. T10

MATCHLINE

T10 OFFSET BASIN

15

EAST FORK STATION CAMP CREEK (STR-1)

WORK ZONE

SEALED BY

ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
0011429?
STATE OF TENNESSEE

03-31-2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS PHASE 2

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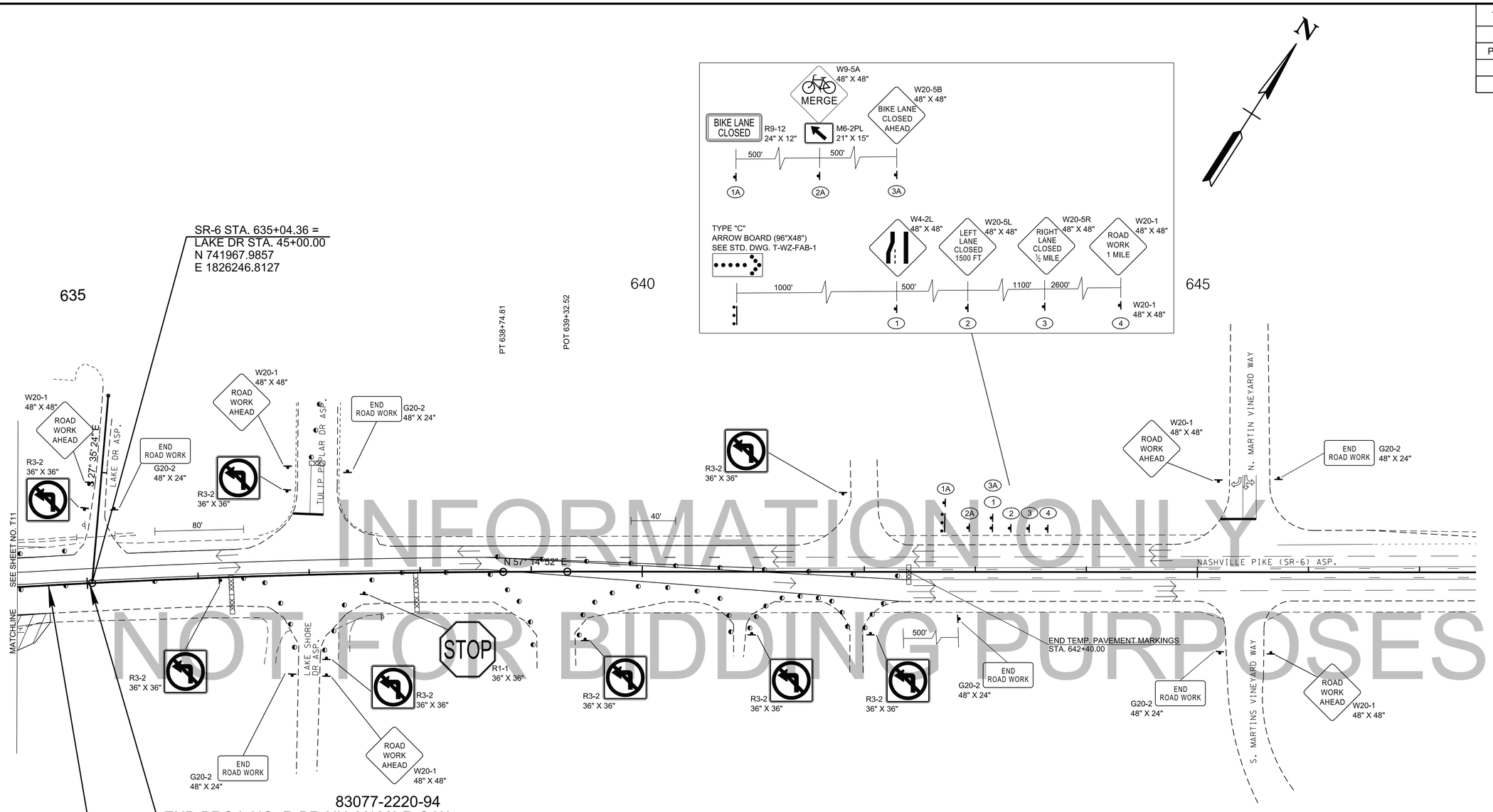
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	R-BR-NH-6(128)	T13
PS&E	2026	R-BR-NH-6(128)	T12



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ANDREW WISNIEWSKI
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 0011.4261
STATE OF TENNESSEE

03-31-2026

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS PHASE 2

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Scott Stepp 2026.02.11 06:43:56 -06'00'

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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-100-204
LAYOUT OF BRIDGE	U-100-205
GENERAL NOTES	U-100-206
BRIDGE ESTIMATED QUANTITIES	U-100-207
SUPERSTRUCTURE	U-100-210
SUPERSTRUCTURE DETAILS	U-100-211
SUPERSTRUCTURE DETAILS	U-100-212
SUPERSTRUCTURE DETAILS	U-100-213
SUPERSTRUCTURE DETAILS	U-100-214
SUPERSTRUCTURE DETAILS	U-100-215
BRIDGE SCREED	U-100-215A
PRESTRESSED BOX BEAM DETAILS	U-100-216
ABUTMENT NO. 1	U-100-217
ABUTMENT NO. 1	U-100-218
ABUTMENT NO. 1 DETAILS	U-100-219
ABUTMENT NO. 1 DETAILS	U-100-220
ABUTMENT NO. 2	U-100-221
ABUTMENT NO. 2	U-100-222
ABUTMENT NO. 2 DETAILS	U-100-223
ABUTMENT NO. 2 DETAILS	U-100-224
PIERS NO. 1 AND NO. 2	U-100-225
PIERS NO. 1 AND NO. 2 DETAILS	U-100-226
PIERS NO. 1 AND NO. 2 DETAILS	U-100-227
PIERS NO. 1 AND NO. 2 DETAILS	U-100-228
BILL OF STEEL	U-100-230

INFORMATION ONLY
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YEAR	PROJECT NO.	SHEET NO.
2026	R-BR-NH-6(128)	STRUCTURE-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

11/19/2025 6:24:40 AM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	B-1

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

INDEX OF DRAWINGS

	DWG. NO.	LAST REV.DATE
SIGNATURE SHEET	STRUCTURE SIGN1	
INDEX OF DRAWINGS	B-1/U-100-204	
LAYOUT OF BRIDGE	U-100-205	
GENERAL NOTES	U-100-206	
BRIDGE ESTIMATED QUANTITIES	U-100-207	
FOUNDATION DATA	U-100-208	
FOUNDATION DATA	U-100-209	
SUPERSTRUCTURE	U-100-210	
SUPERSTRUCTURE DETAILS	U-100-211	
SUPERSTRUCTURE DETAILS	U-100-212	
SUPERSTRUCTURE DETAILS	U-100-213	
SUPERSTRUCTURE DETAILS	U-100-214	
SUPERSTRUCTURE DETAILS	U-100-215	
BRIDGE SCREED	U-100-215A	
PRESTRESSED BOX BEAM DETAILS	U-100-216	
ABUTMENT NO.1	U-100-217	
ABUTMENT NO.1	U-100-218	
ABUTMENT NO.1 DETAILS	U-100-219	
ABUTMENT NO.1 DETAILS	U-100-220	
ABUTMENT NO.2	U-100-221	
ABUTMENT NO.2	U-100-222	
ABUTMENT NO.2 DETAILS	U-100-223	
ABUTMENT NO.2 DETAILS	U-100-224	
PIERS NO.1 AND NO.2	U-100-225	
PIERS NO.1 AND NO.2 DETAILS	U-100-226	
PIERS NO.1 AND NO.2 DETAILS	U-100-227	
PIERS NO.1 AND NO.2 DETAILS	U-100-228	
FINAL FOUNDATION DATA	U-100-229	
BILL OF STEEL	U-100-230	

LIST OF STANDARD DRAWINGS

	DWG.NO.	LAST REV.DATE
SLIDER PLATES FOR SINGLE SLOPE PARAPETS AND DECK DRAINS	STD-1-2SS	05-31-24
REINFORCED CONCRETE PAVEMENT AT BRIDGE ENDS	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
REINFORCEMENT BAR SUPPORT DETAILS FOR CONCRETE SLABS	STD-9-1	10-07-08
MISCELLANEOUS ABUTMENT AND DRAINAGE DETAILS	STD-10-1	06-05-23
MISCELLANEOUS ABUTMENT AND PAVEMENT AT BRIDGE ENDS BACKFILL DETAILS	STD-10-2	06-05-23
BRIDGE RAILING CONCRETE PARAPET W/ STRUCTURAL TUBING	STD-11-1	04-15-20
STANDARD DETAILS FOR BOX BEAMS	STD-14-3	03-06-24

LIST OF SPECIAL PROVISIONS

	PROV. NO.	LAST REVISON DATE
REMOVAL OF ASBESTOS CONTAINING MATERIAL (ACM)	202ACM	07-07-14
REPAIR OF BRIDGE DECK CRACKS	604CR	02-08-21
DRILLED SHAFT SPECIFICATIONS	625	09-01-21

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LIST OF EXISTING DRAWINGS

E-14-65 THROUGH E-14-70

SEALED BY



PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: JERRY W. SIMPSON DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-204

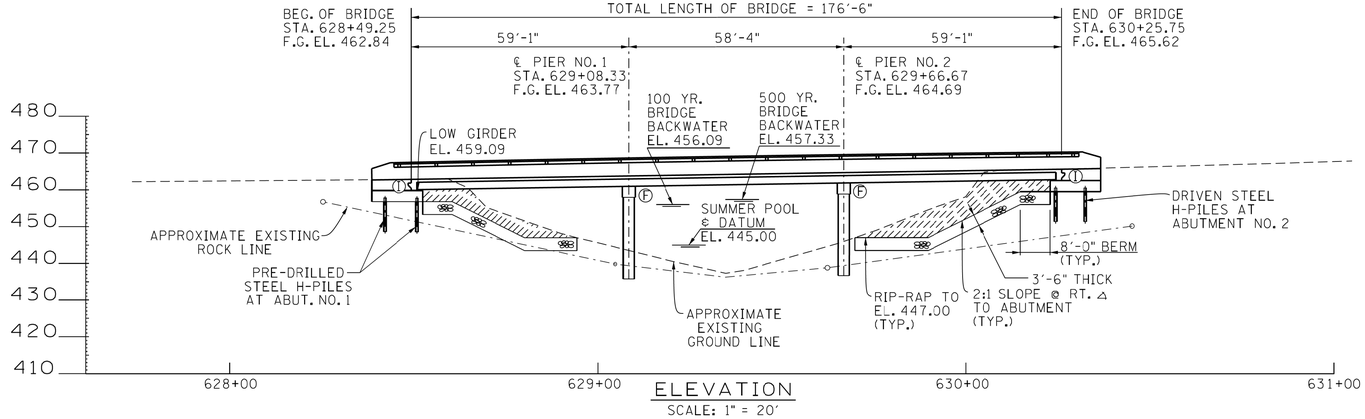
11/17/2025 2:22:17 PM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

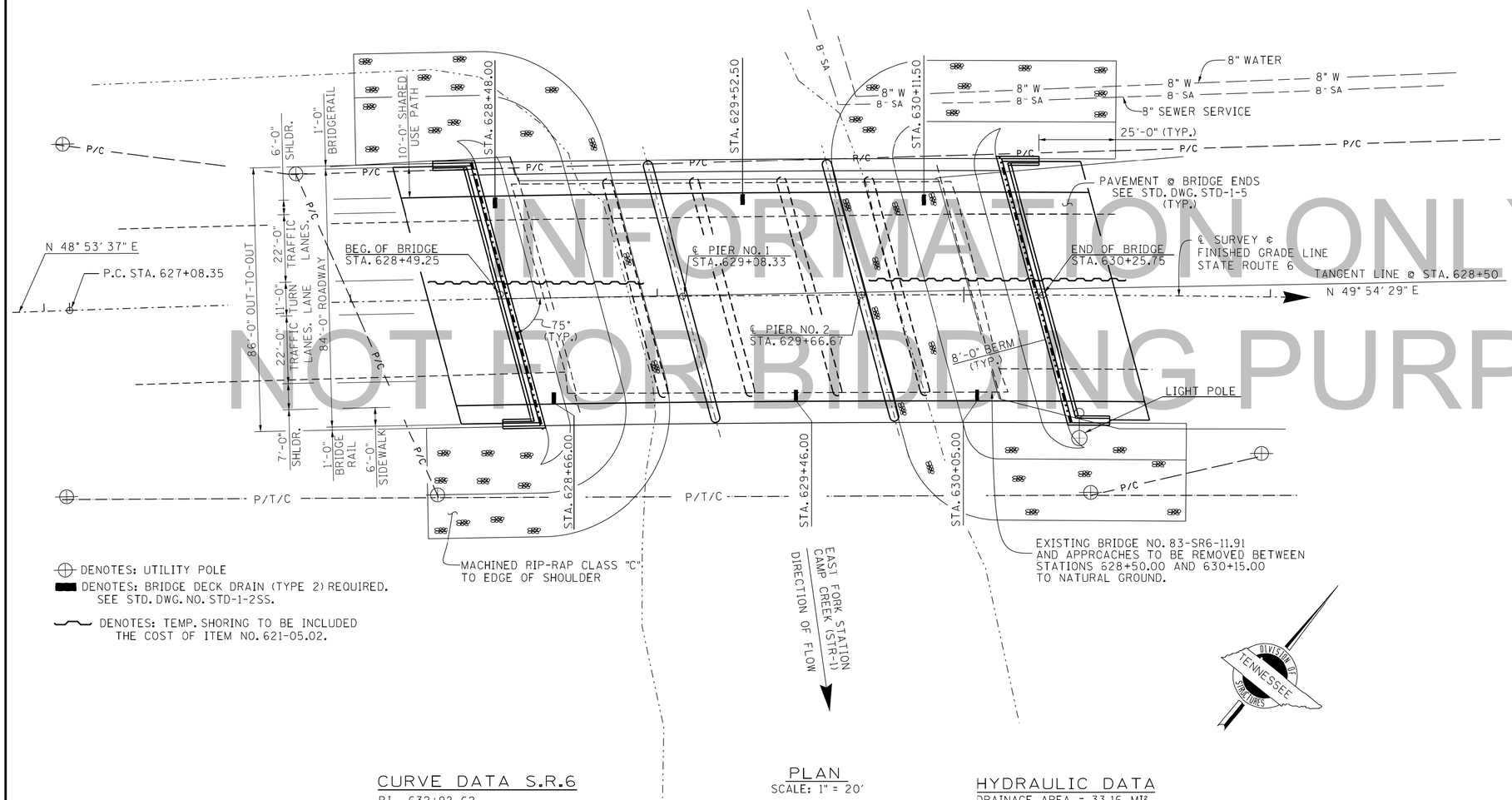
REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



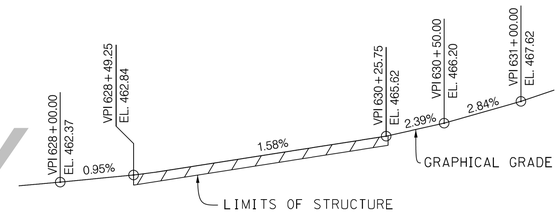
ELEVATION
SCALE: 1" = 20'

Ⓘ DENOTES: INTEGRAL
Ⓕ DENOTES: FIXED
▨ DENOTES: AREA TO BE EXCAVATED AND PAID FOR AS A ROADWAY ITEM.



⊕ DENOTES: UTILITY POLE
▬ DENOTES: BRIDGE DECK DRAIN (TYPE 2) REQUIRED. SEE STD. DWG. NO. STD-1-2SS.
~~ DENOTES: TEMP. SHORING TO BE INCLUDED THE COST OF ITEM NO. 621-05.02.

PLAN
SCALE: 1" = 20'



GRADE SKETCH - STATE ROUTE 6
(NTS)
(ELEVATIONS BASED ON FINISHED GRADE)

INFORMATION ONLY
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CURVE DATA S.R.6

PI 632+92.62
N 741,859.4521
E 1,826,062.2412
Δ 8° 21' 15" (RT)
D 0° 42' 58"
R 8,000.00
L 1,166.45
T 584.26
SE NORMAL CROWN
DESIGN SPEED 45 MPH

HYDRAULIC DATA

DRAINAGE AREA = 33.16 MI²
DESIGN DISCHARGE (100 YR.) = 12,800 CFS
WATER AREA PROVIDED BELOW EL. 454.27 = 1,318.71 FT²
100 YR. VELOCITY = 9.77 FPS
100 YR. BRIDGE BACKWATER = 0.7 FT @ EL. 456.09
ROADWAY OVERTOPPING EL. 462.24 FT
100 YEAR DISCHARGE 12,800 CFS @ EL. 456.09
500 YEAR DISCHARGE 16,328.CFS @ EL. 457.33

SEALED BY

SCOTT A. STEPP — REGISTERED ENGINEER — AGRICULTURE — STATE OF TENNESSEE

PIN NO.:	124721.00		
DESIGN BY:	D. BERWARY	DATE:	10-20
DRAWN BY:	JERRY W. SIMPSON	DATE:	11-23
SUPERVISED BY:	STEELE/STEPP	DATE:	10-20
CHECKED BY:	E. SLAYTON	DATE:	12-23

Ted A. Kmiazwyz
ENGINEER OF STRUCTURES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT OF BRIDGE
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-205

12/5/2025 8:12:27 AM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

GENERAL NOTES

CONSTRUCTION SPECIFICATIONS: TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (APRIL 1, 2025 EDITION).

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= 0.082, S_{DS}=0.200, S_{D1}=0.076 (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.

ABUTMENT SUPPORT: THE CONTRACTOR SHALL SUPPORT THE ABUTMENTS UNTIL THE SUPERSTRUCTURE IS IN PLACE, FALSEWORK HAS BEEN REMOVED, AND BACKFILLING HAS BEEN COMPLETED.

END-BEARING STEEL PILES: TO BE HP 10X42 DRIVEN TO REFUSAL ON ROCK OR A MINIMUM BEARING OF 77 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 "C" IN ACCORDANCE WITH SECTION 709 OF THE STANDARD SPECIFICATIONS AND SHALL BE MEASURED AND PAID FOR UNDER ROADWAY ITEM NO. 709-05.09.

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.

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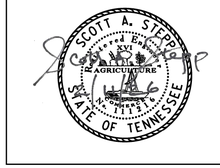


PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: STEVEN STEELE DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-206

2:11:20 PM
2/10/2026

ESTIMATED QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	TOTAL	SUPERSTRUCTURE	ABUTMENT. NO. 1	PIER NO. 1	PIER NO. 2	ABUTMENT. NO. 2
3	202-01.05	REMOVAL OF ASBESTOS (EXISTING BR. NO. 83-SR6-11.91)	L.S.	1					
2	202-04.01	REMOVAL OF STRUCTURES (EXISTING BR. NO. 83-SR6-11.91)	L.S.	1					
4	204-02.01	DRY EXCAVATION (BRIDGES)	C.Y.	290		145			145
13	204-05.01	CORE DRILLING AND SAMPLING	L.F.	223			100	123	
19	204-14	CORE DRILLING FOR PILES (ROCK)	L.F.	112		112			
19	204-15	CORE DRILLING FOR PILES (SOIL)	L.F.	28		28			
9	303-01.02	GRANULAR BACKFILL (BRIDGES)	TONS	86		43			43
	604-02.03	EPOXY COATED REINFORCING STEEL	LB.	111,859	107,798	2,013			2,048
8	604-03.01	CLASS A CONCRETE (BRIDGES)	C.Y.	328	86	55	65	66	56
	604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	LB.	57,693	1,818	7,378	20,466	20,648	7,383
1	604-03.04	PAVEMENT @ BRIDGE ENDS	S.Y.	458					
	604-03.32	CLASS DS CONCRETE	C.Y.	436	436				
	604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	S.Y.	1,033	557	38	202	197	39
	604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	S.Y.	1,646	1,646				
	606-02.03	STEEL PILES (10 INCH)	L.F.	346		154			192
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.	1,532					
11	617-02	BRIDGE DECK CRACK SEALING	L.F.	225					
11	617-05	SEALANT (HMWM)	GAL.	2					
	620-05	CONC PARAPET WITH STRUCTURAL TUBING	L.F.	396					
18	621-05.02	TEMPORARY SHORING	L.S.	1					
15	625-01.11	CAMERA INSPECTION - DRILLED SHAFT (UNDERWATER)	EA.	8			4	4	
12	625-02.01	DRILLED SHAFT-SOIL (4'-0" DIA.)	V.F	66			31	35	
12	625-02.13	DRILLED SHAFT-ROCK (3'-6"/4'-0" DIA.)	V.F	100			45	55	
16	625-02.25	DRILLED SHAFT CASING-PERMANENT (4'-0" INSIDE DIAMETER)	V.F	120			53	67	
17	625-02.40	DRILLED SHAFT CONCRETE (SH-SCC)	C.Y.	72			33	39	
	625-02.44	DRILLED SHAFT REINFORCING STEEL	LB.	12,603			5,812	6,791	
7	710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	L.F.	204		102			102
	710-09.02	6" PIPE UNDERDRAIN	L.F.	24		12			12
20	712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	450					

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

ESTIMATED QUANTITIES NOTES

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

(2) **NOTE:** EXISTING BRIDGE NO. 83-SR6-11.91 AND APPROCHES TO BE REMOVED TO NATURAL GROUND BETWEEN STATION 628+50.00 AND 630+15.00. THE EXISTING STRUCTURE HAS 5 CAST IN-PLACE REINFORCED CONCRETE SPANS. THE BRIDGE IS 142'-6" LONG WITH AN OUT-TO-OUT WIDTH OF 68'-6". EXISTING BRIDGE LAYOUT NO. E-14-65. 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.

(3) **NOTE:** THE FOLLOWING ASBESTOS CONTAINING MATERIAL ELEMENTS WERE DETERMINED TO BE LOCATED ON THE EXISTING BRIDGE: APPROXIMATELY 50 LINEAR FEET OF TRANSITE DECK DRAINS AT 15% CHRYSOTILE, 1% AMOSITE AND 1% CROCIDOLITE. SEE SPECIAL PROVISION 202ACM.

(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 54 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:
1. DRILLING THE SHAFT
2. CLEANING AND INSPECTING THE SHAFT
3. INSTALLATION OF ALL CASING AND/OR SLURRY, IF USED. NO PAYMENT WILL BE MADE FOR TEMPORARY CASING WHICH CANNOT BE REMOVED.
4. INSTALLATION OF 1.5" DIAMETER PIPES IN SHAFTS FOR CSL TESTING. 4 CSL TUBES ARE REQUIRED PER SHAFT AT BENT NOS. 1 & 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 10' 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 IS TO VERIFY THAT THE SHAFT TIP AND SIDE WALLS OF THE SOCKET ARE CLEAN AND INTACT.

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

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

(18) **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 621-05.02. APPROXIMATELY 810 SQUARE FEET WILL NEED TO BE RETAINED.

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

(20) **NOTE:** INCLUDES THE STAND-ALONE, STIFFENED AND PINNED 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 OR PIN THE BARRIER SHALL BE INCLUDED IN THE UNIT PRICE BID OF ITEM 712-02.47. SEE DWG. NO. U-100-211 FOR BARRIER RAIL TYPE AND LOCATION PER PHASE. SEE TDOT STD. DWG. NOS STD-2-1 AND STD-2-3 FOR ADDITIONAL DETAILS.

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: STEVEN STEELE DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

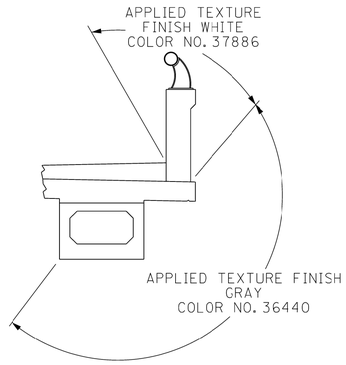
2/4/2026 1:19:33 PM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



TYPICAL AT CANTILEVER

APPLIED TEXTURE FINISH SKETCH

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

ESTIMATED ELEVATIONS

LOCATION	EXISTING GROUND ELEV. FT	TOP OF DRILLED SHAFT FT	TOP OF WEATHERED ROCK FT	TOP OF SOUND ROCK FT	BOTTOM OF ROCK SOCKET FT	BOTTOM OF CORE FT	DISTANCE FROM GROUND TO BOTTOM OF CORE FT
PIER NO. 1	443.52	447.50	439.80	434.20	428.70	418.70	24.82
PIER NO. 2	446.00	447.50	438.80	430.70	425.20	415.20	30.80

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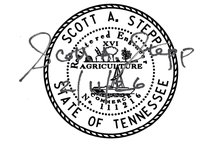

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE ESTIMATED QUANTITIES
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-207

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

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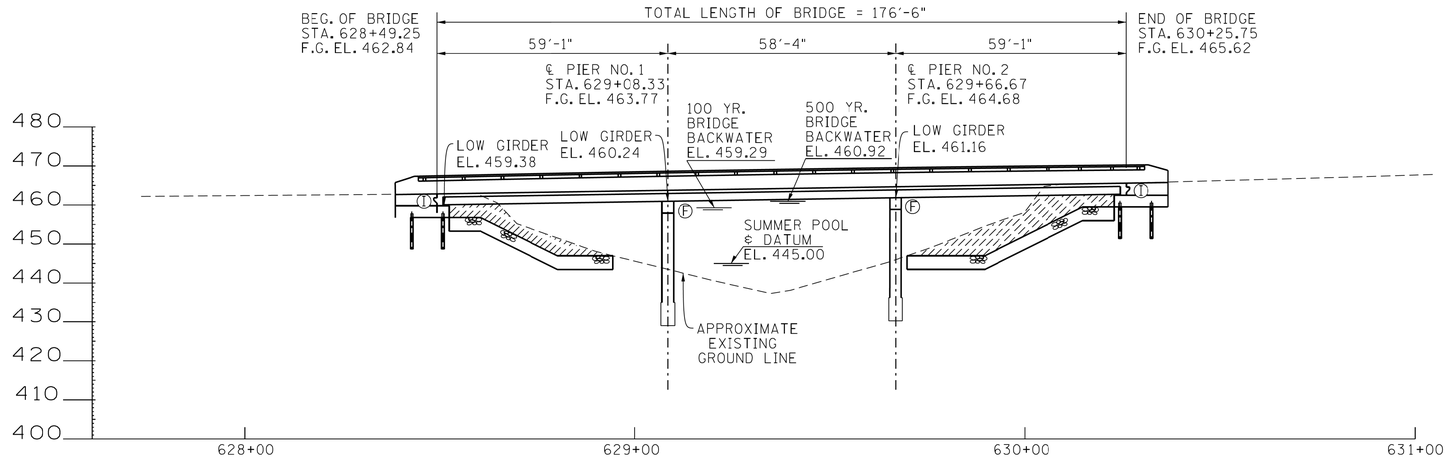
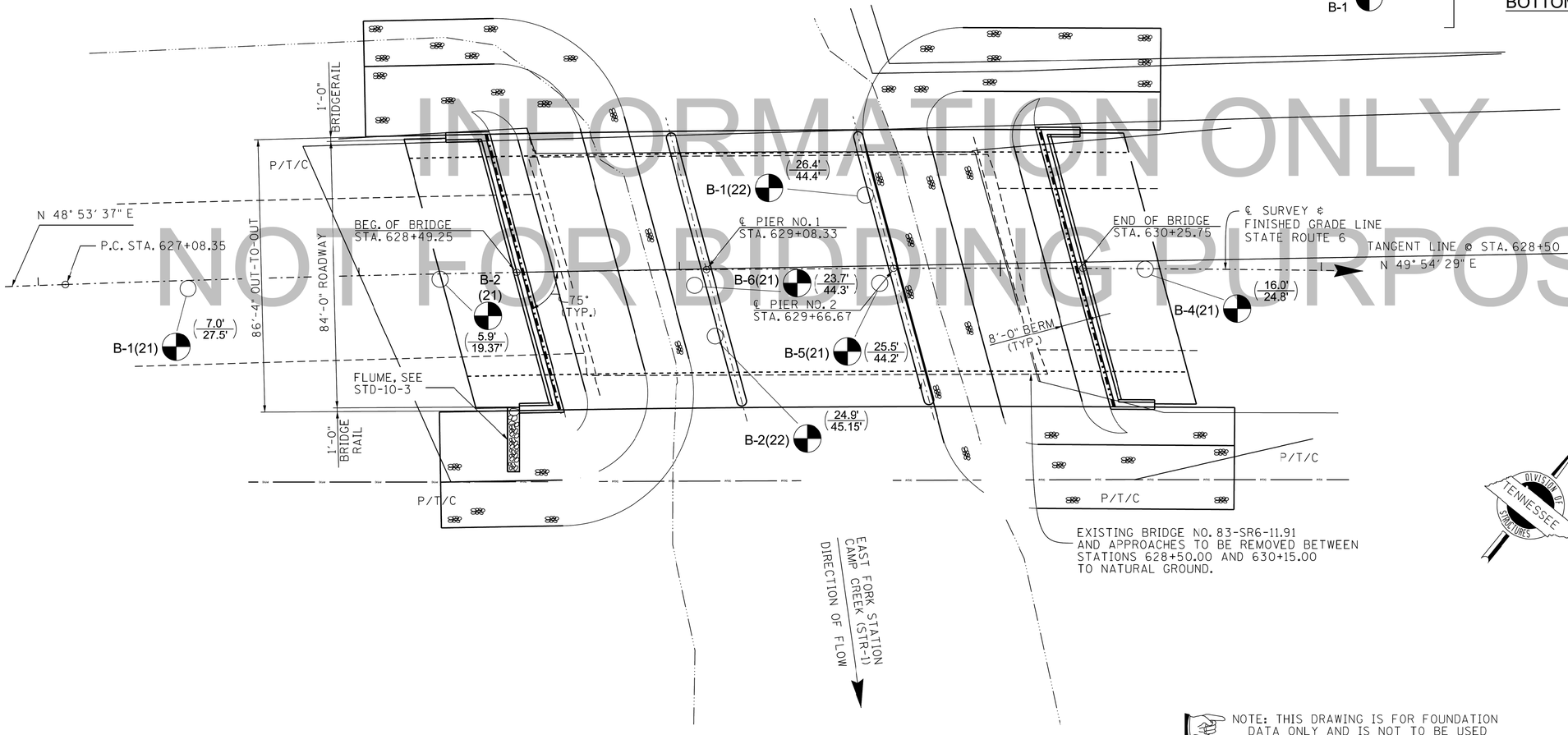


ELEVATION
SCALE: 1" = 20'

LEGEND

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



PLAN
SCALE: 1" = 20'

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

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

PIN NO.:	124721.00	
DESIGN BY:	D. BERWARY	DATE: 10-20
DRAWN BY:	T. WISEMAN	DATE: 11-23
SUPERVISED BY:	STEELE/STEPP	DATE: 11-23
CHECKED BY:	E. SLAYTON	DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

FOUNDATION DATA
STATE ROUTE 6 OVER EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-208

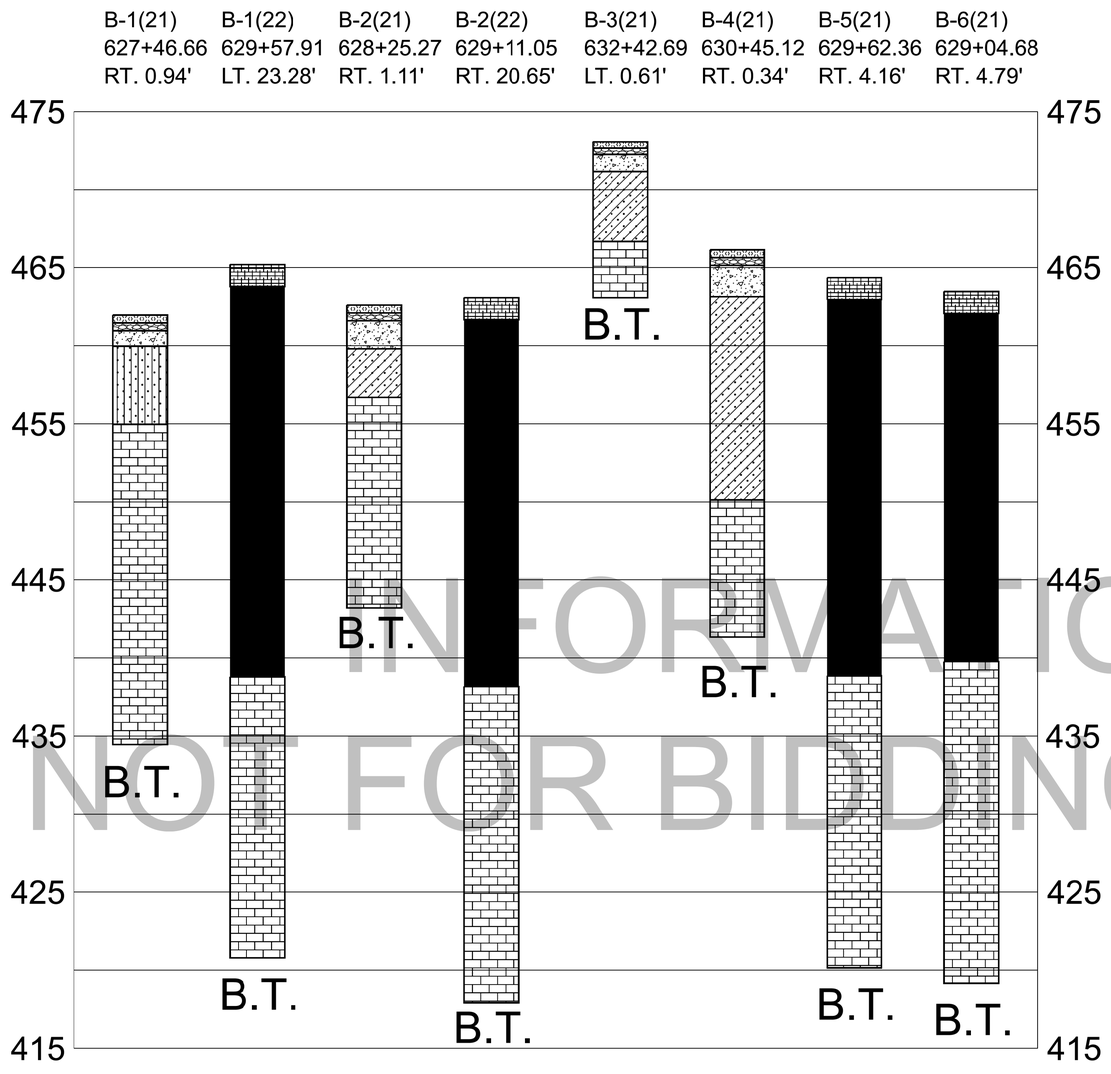
11/19/2025 6:31:22 AM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



BORING NO.	STATION	OFFSET	GROUND ELEVATION	ROCK ELEVATION	TOTAL DEPTH
B-1(21)	627+46.66	RT. 0.94'	461.96'	454.96'	27.5'
B-1(22)	629+57.91	LT. 23.28'	465.18'	438.78'	44.4'
B-2(21)	628+25.27	RT. 1.11'	462.59'	456.69'	19.4'
B-2(22)	629+11.05	RT. 20.65'	463.08'	438.18'	45.15'
B-3(21)	632+42.69	LT. 0.61'	473.07'	466.67'	10.0'
B-4(21)	630+45.12	RT. 0.34'	466.13'	450.13'	24.8'
B-5(21)	629+62.36	RT. 4.16'	464.35'	438.85'	44.2'
B-6(21)	629+04.68	RT. 4.79'	463.46'	439.76'	44.3'

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

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

LEGEND

- ASPHALT
- BASESTONE
- BRIDGE DECK
- CONCRETE
- BRIDGE CLEARANCE
- SILTY SAND
- SANDY CLAY
- LIMESTONE

B.T.= BORING TERMINATED

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
FOUNDATION DATA
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-209

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: T. WISEMAN DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

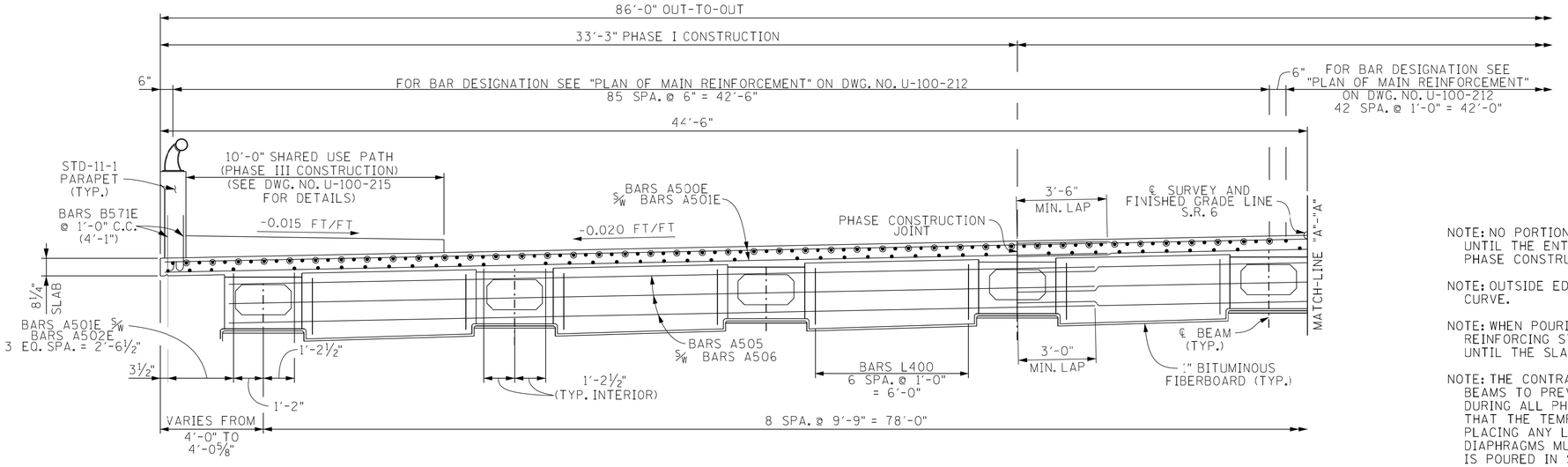
11/19/2025 6:32:23 AM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



◉ DENOTES: CUT-OFF BARS

TYP. @ SUPPORT

NOTE: NO PORTION OF THE SIDEWALKS OR PARAPETS RAIL 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. 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.

INFORMATION ONLY
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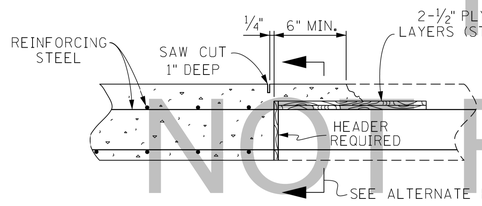
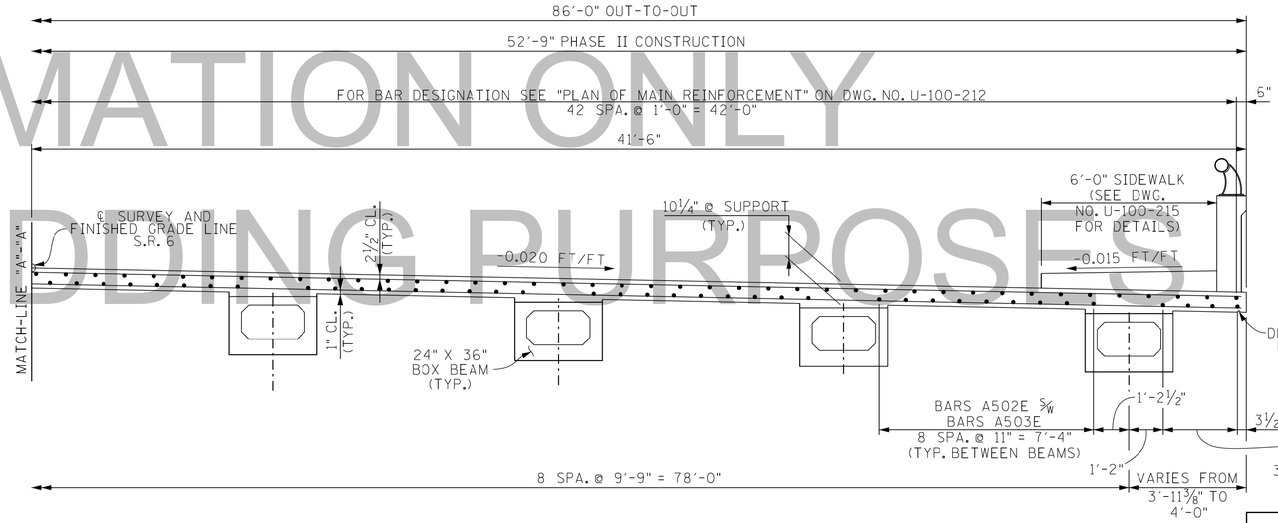


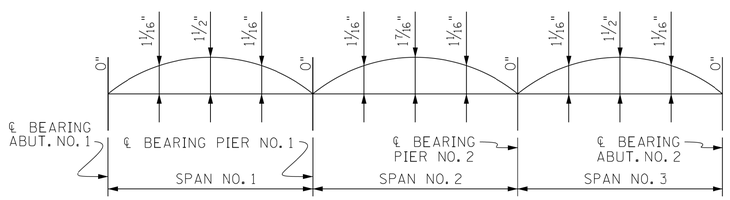
SLAB CONSTRUCTION JOINT DETAIL

DECK CONCRETE POURING SEQUENCE: SLAB CONSTRUCTION JOINTS MAY BE LOCATED AT THE CONTRACTOR'S OPTION SUBJECT TO THE FOLLOWING:
1. NO CONSTRUCTION JOINT MAY 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 ON THIS SHEET.



TYP. @ MIDSPAN

TYPICAL CROSS-SECTION



DEAD LOAD CORRECTION CURVE

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

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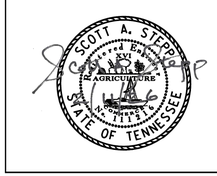


PIN NO.:	124721.00	
DESIGN BY:	D. BERWARY	DATE: 10-20
DRAWN BY:	C. STAPLER	DATE: 11-23
SUPERVISED BY:	STEELE/STEPP	DATE: 11-23
CHECKED BY:	E. SLAYTON	DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
STATE ROUTE 6 OVER EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-210

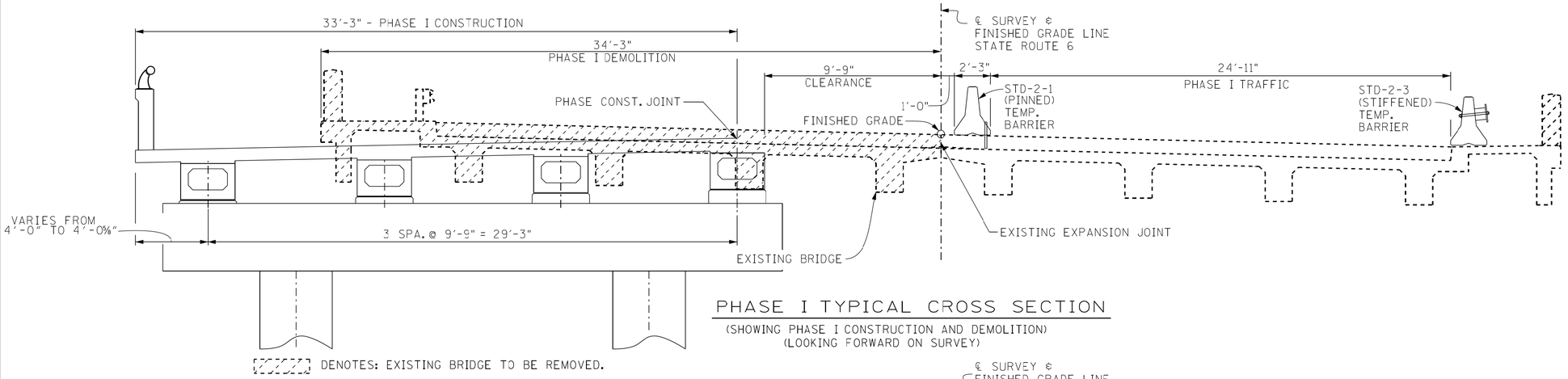
1:41:37 PM
12/2/2025

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

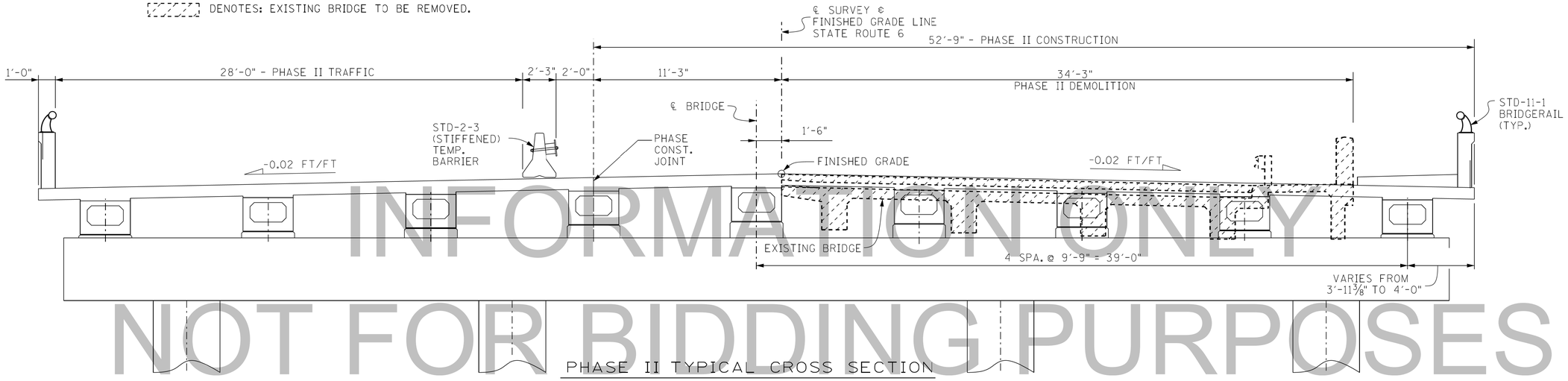
NO.	DATE	BY	BRIEF DESCRIPTION



PHASE I TYPICAL CROSS SECTION

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

▨ DENOTES: EXISTING BRIDGE TO BE REMOVED.



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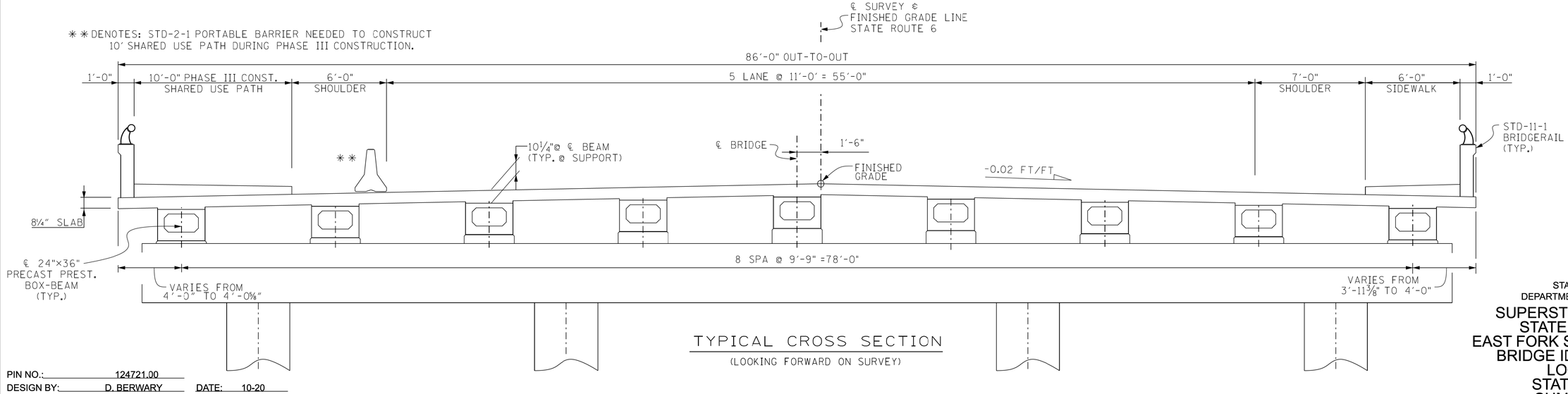
PHASE II TYPICAL CROSS SECTION

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

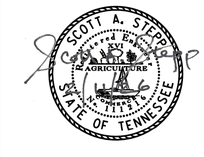
▨ DENOTES: EXISTING BRIDGE TO BE REMOVED.



TYPICAL CROSS SECTION

(LOOKING FORWARD ON SURVEY)

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-211

PIN NO.:	124721.00		
DESIGN BY:	D. BERWARY	DATE:	10-20
DRAWN BY:	C. STAPLER	DATE:	11-23
SUPERVISED BY:	STEELE/STEPP	DATE:	11-23
CHECKED BY:	E. SLAYTON	DATE:	12-23

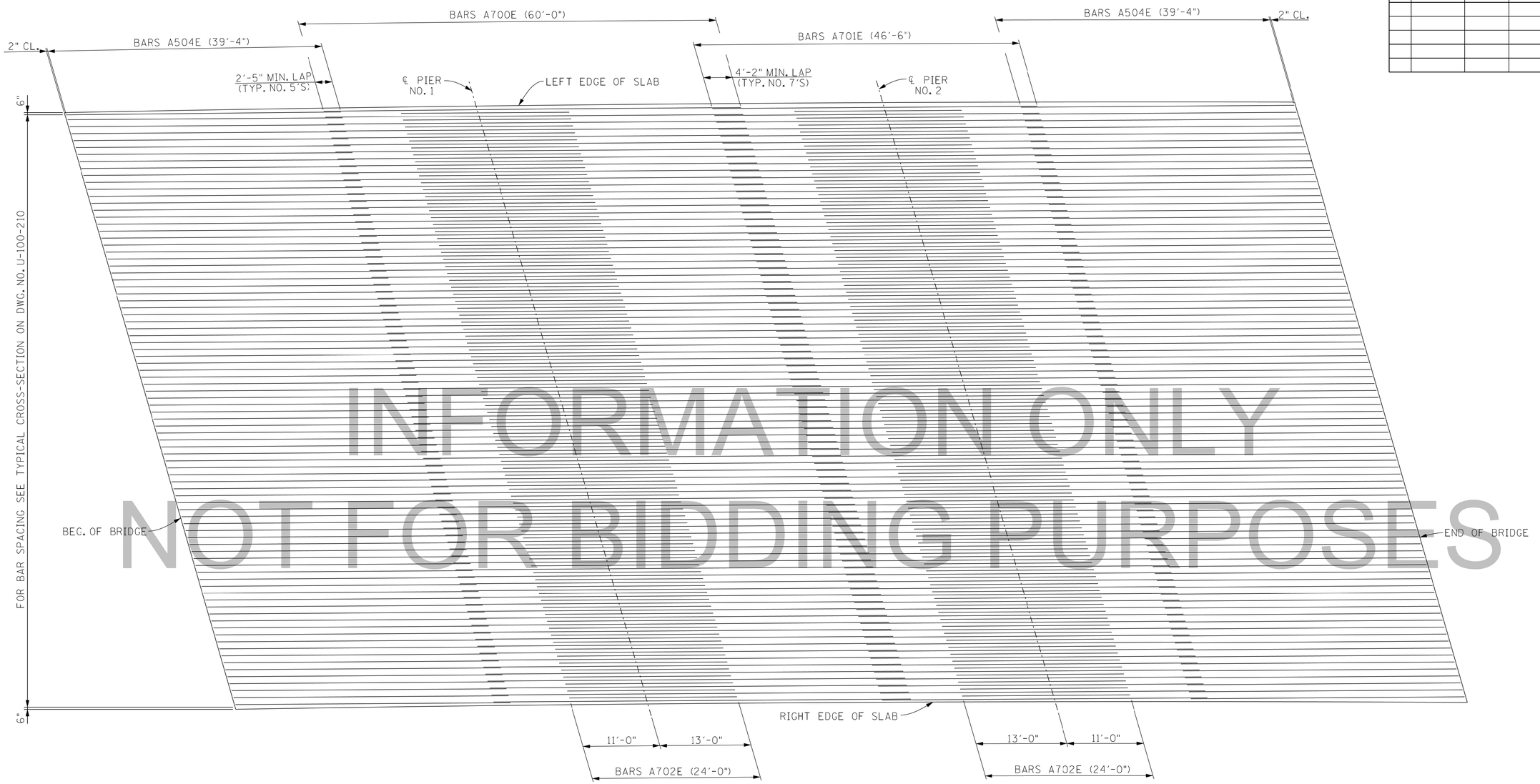
8:18:21 AM
2/5/2026

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



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PLAN OF MAIN REINFORCEMENT

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STATE ROUTE 6 OVER EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-212

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: C. STAPLER DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

11/18/2025 1:38:59 PM

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R-BR-NH-6(128)	2026	

REVISIONS

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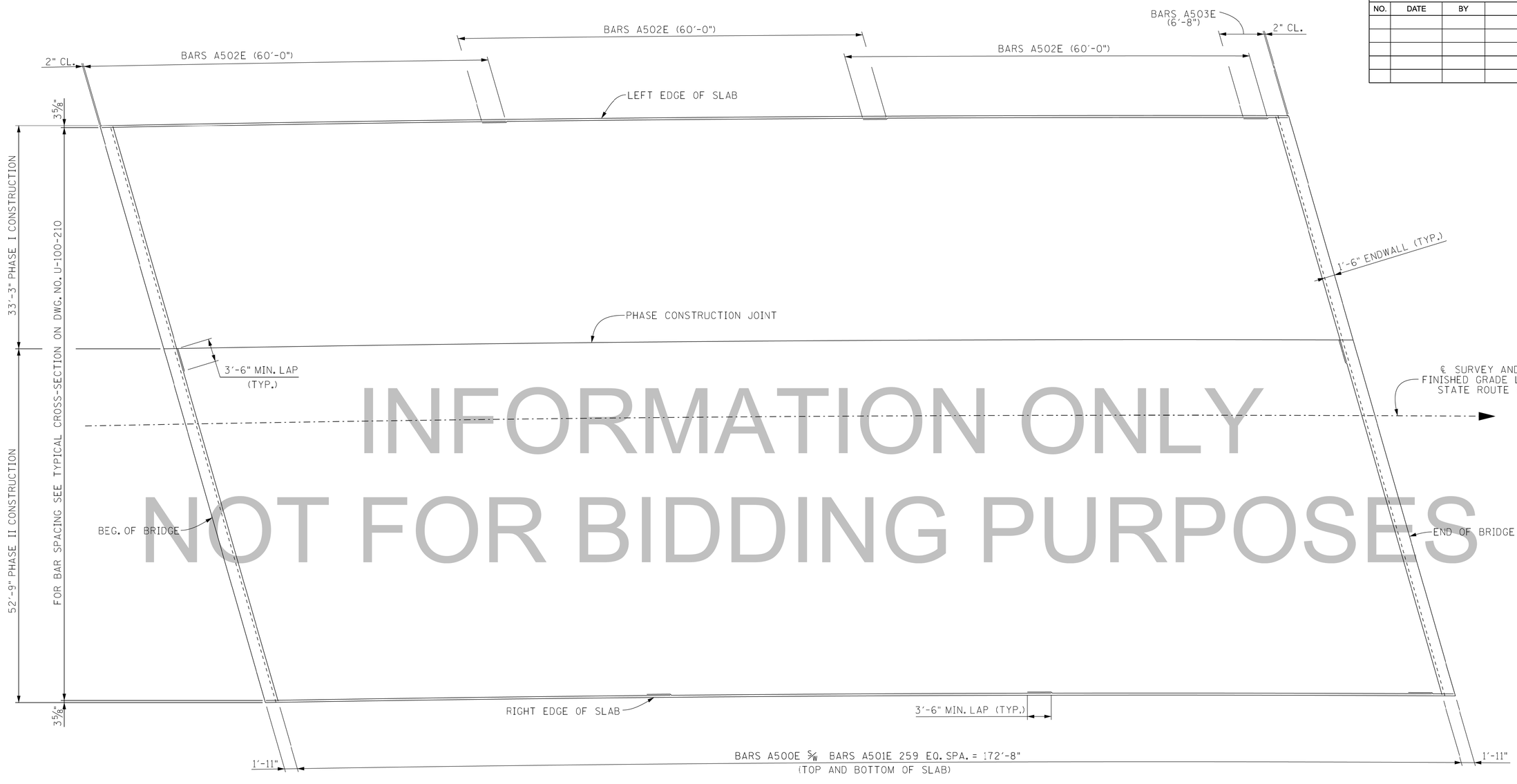

INFORMATION ONLY
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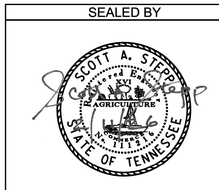
SLAB PLAN

(SHOWING BOTTOM OF SLAB
UNLESS NOTED OTHERWISE)

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-213

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: C. STAPLER DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

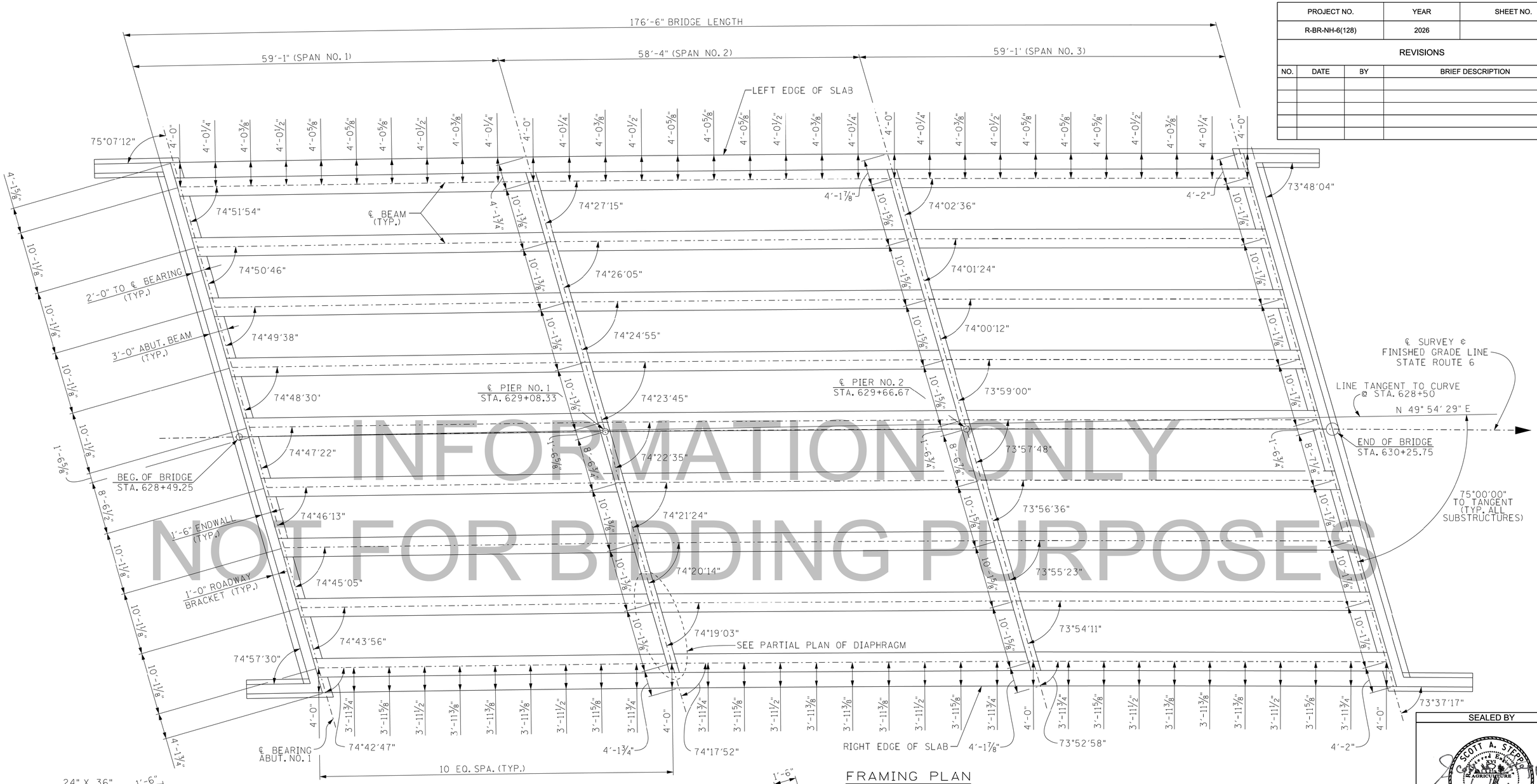
11/18/2025 1:39:43 PM

CONST. NO.: 83077-3220-94

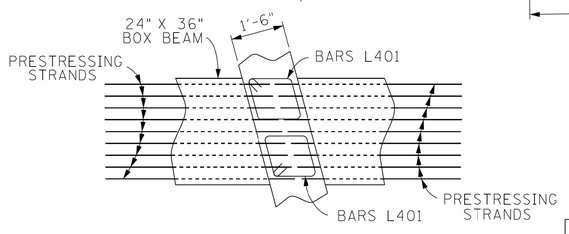
PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

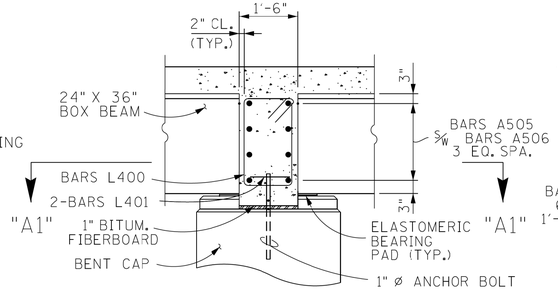
NO.	DATE	BY	BRIEF DESCRIPTION



FRAMING PLAN



SECTION "A1"-"A1"



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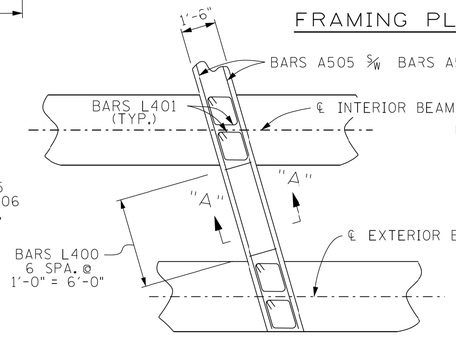


PARTIAL PLAN OF DIAPHRAGM

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.

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

SEALED BY



PIN NO.:	124721.00		
DESIGN BY:	D. BERWARY	DATE:	10-20
DRAWN BY:	C. STAPLER	DATE:	11-23
SUPERVISED BY:	STEELE/STEPP	DATE:	11-23
CHECKED BY:	E. SLAYTON	DATE:	12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS STATE ROUTE 6 OVER EAST FORK STATION CAMP CREEK BRIDGE ID NO. 83SR0060009 LOG MILE 11.91 STATION 629+37.50 SUMNER COUNTY

U-100-214

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

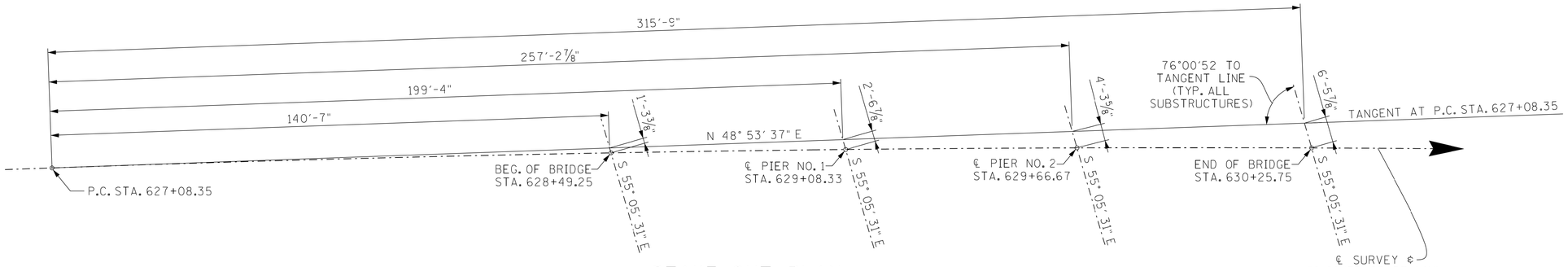
1:40:20 PM
11/18/2025

CONST. NO.: 83077-3220-94

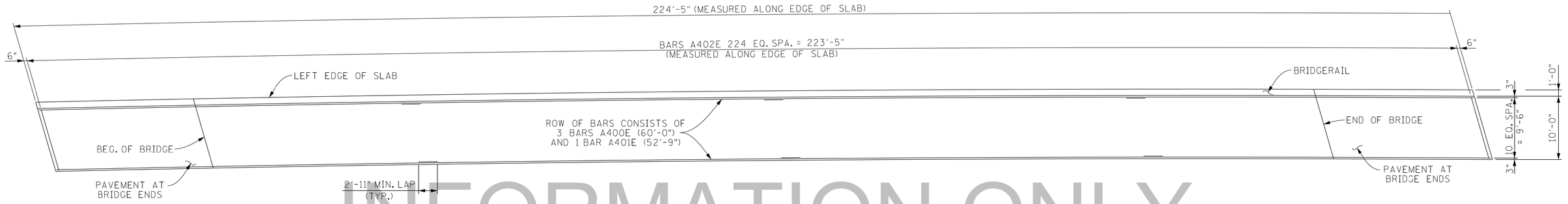
PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



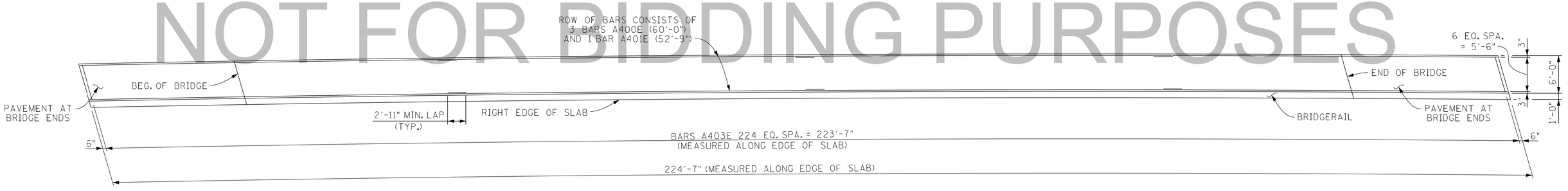
STAKE-OUT PLAN



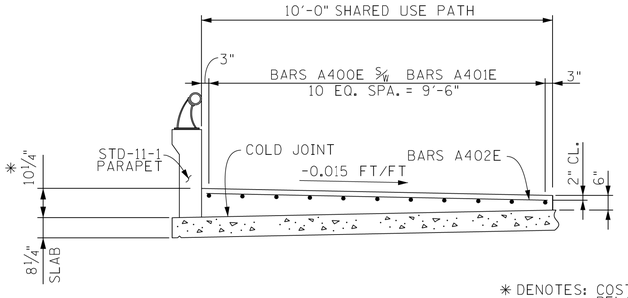
INFORMATION ONLY

PLAN OF SHARED USE PATH
(PHASE III CONSTRUCTION)

NOT FOR BIDDING PURPOSES

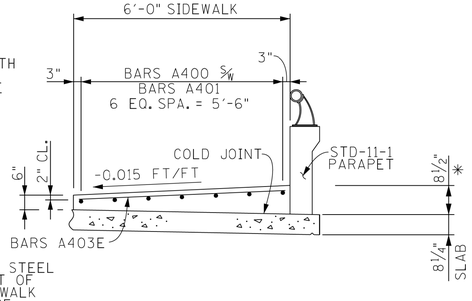


PLAN OF SIDEWALK
(PHASE II CONSTRUCTION)



SHARED USE PATH DETAIL
(PHASE III CONSTRUCTION)

NOTE: ALL SHARED USE PATH AND SIDEWALK CONCRETE SHALL BE INCLUDED IN THE QUANTITY FOR CLASS "A" CONCRETE, 604-03.01.



SIDEWALK DETAIL
(PHASE II CONSTRUCTION)

* DENOTES: COST OF EXTRA CONCRETE AND STEEL RELATED TO ADDITIONAL HEIGHT OF STD-11-1 PARAPET DUE TO SIDEWALK AND SHARED USE PATH SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 620-05.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS STATE ROUTE 6 OVER EAST FORK STATION CAMP CREEK BRIDGE ID NO. 83SR0060009 LOG MILE 11.91 STATION 629+37.50 SUMNER COUNTY

U-100-215

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: C. STAPLER DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

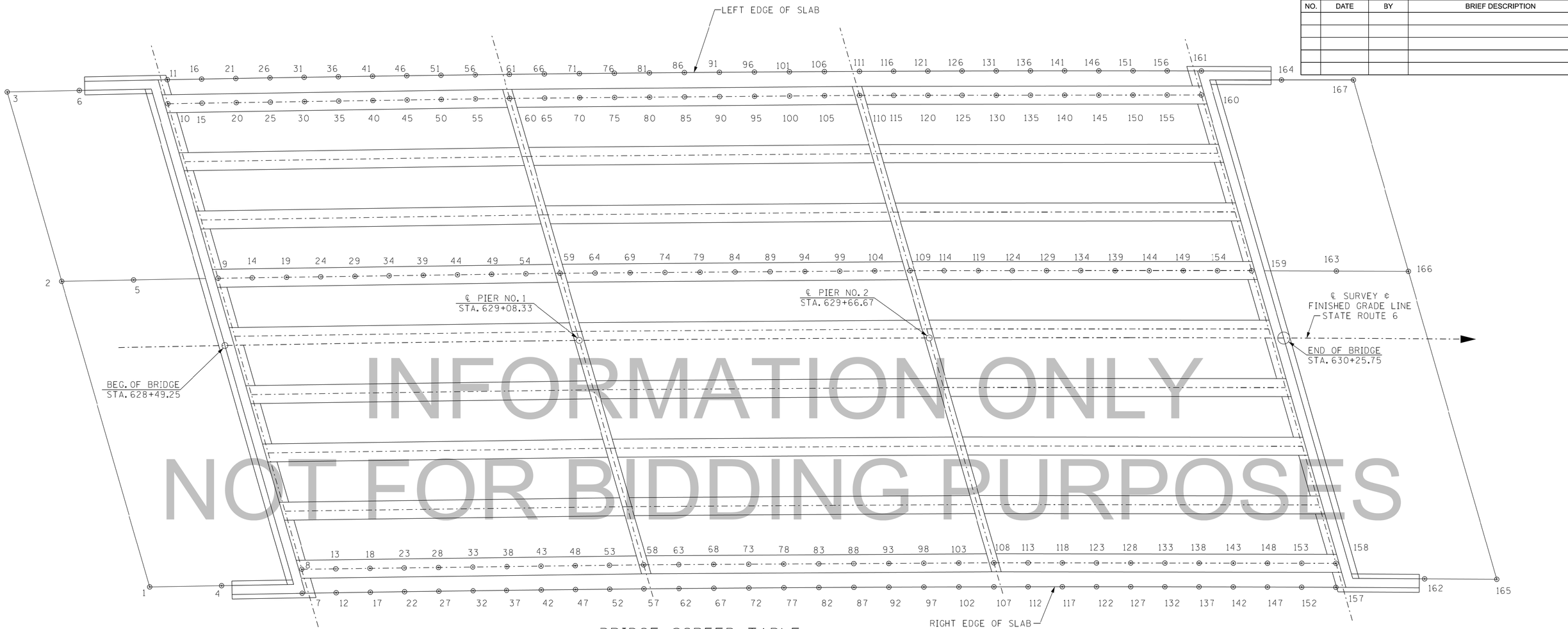
12/2/2025 1:50:28 PM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



INFORMATION ONLY
NOT FOR BIDDING PURPOSES

BRIDGE SCREED TABLE

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	628+35.90	461.91	21	628+51.87	461.99	41	628+74.54	462.35	61	628+97.23	462.71	81	629+20.43	463.07	101	629+43.63	463.44	121	629+66.59	463.80	141	629+89.26	464.16	161	630+11.93	464.51
2	628+22.28	462.36	22	628+78.61	462.47	42	629+01.54	462.83	62	629+24.57	463.20	82	629+48.04	463.57	102	629+71.51	463.94	122	629+94.54	464.30	142	630+17.48	464.66	162	630+49.54	465.39
3	628+13.93	461.64	23	628+78.61	462.55	43	629+01.53	462.91	63	629+24.59	463.28	83	629+48.04	463.64	103	629+71.50	464.02	123	629+94.55	464.38	143	630+17.47	464.74	163	630+34.48	465.60
4	628+47.96	462.03	24	628+65.39	462.87	44	628+88.15	463.23	64	629+11.06	463.59	84	629+34.36	463.96	104	629+57.66	464.33	124	629+80.56	464.69	144	630+03.33	465.05	164	630+25.22	464.75
5	628+34.26	462.47	25	628+57.53	462.16	45	628+80.21	462.52	65	629+03.02	462.88	85	629+26.23	463.24	105	629+49.44	463.61	125	629+72.25	463.97	145	629+94.93	464.33	165	630+61.59	465.73
6	628+25.87	461.76	26	628+57.53	462.08	46	628+80.20	462.44	66	629+03.03	462.80	86	629+26.23	463.16	106	629+49.43	463.53	126	629+72.26	463.89	146	629+94.93	464.24	166	630+46.46	465.89
7	628+61.41	462.20	27	628+84.34	462.56	47	629+07.27	462.92	67	629+30.44	463.29	87	629+53.91	463.66	107	629+77.34	464.03	127	630+00.28	464.39	147	630+23.21	464.75	167	630+37.15	465.03
8	628+61.42	462.28	28	628+84.34	462.64	48	629+07.26	463.00	68	629+30.45	463.37	88	629+53.90	463.74	108	629+77.36	464.11	128	630+00.28	464.47	148	630+23.20	464.83			
9	628+48.31	462.61	29	628+71.08	462.96	49	628+93.85	463.32	69	629+16.88	463.68	89	629+40.18	464.05	109	629+63.48	464.42	129	629+86.25	464.78	149	630+09.02	465.14			
10	628+40.52	461.95	30	628+63.20	462.25	50	628+85.88	462.61	70	629+08.82	462.97	90	629+32.03	463.33	110	629+55.24	463.70	130	629+77.92	464.06	150	630+00.60	464.41			
11	628+40.52	461.86	31	628+63.20	462.17	51	628+85.87	462.53	71	629+08.83	462.89	91	629+32.03	463.25	111	629+55.26	463.62	131	629+77.93	463.98	151	630+00.59	464.33			
12	628+67.14	462.29	32	628+90.07	462.65	52	629+13.00	463.01	72	629+36.31	463.38	92	629+59.77	463.75	112	629+83.08	464.12	132	630+06.01	464.48	152	630+28.92	464.87			
13	628+67.15	462.37	33	628+90.07	462.73	53	629+12.99	463.09	73	629+36.31	463.46	93	629+59.77	463.83	113	629+83.09	464.20	133	630+06.01	464.56	153	630+28.92	464.95			
14	628+54.00	462.69	34	628+76.77	463.05	54	628+99.54	463.41	74	629+22.71	463.78	94	629+46.01	464.13	114	629+69.18	464.51	134	629+91.95	464.87	154	630+14.71	465.23			
15	628+46.19	462.00	35	628+68.87	462.34	55	628+91.55	462.70	75	629+14.63	463.06	95	629+37.84	463.43	115	629+60.91	463.79	135	629+83.59	464.15	155	630+06.27	464.50			
16	628+46.19	461.91	36	628+68.87	462.26	56	628+91.54	462.62	76	629+14.63	462.98	96	629+37.83	463.35	116	629+60.92	463.71	136	629+83.59	464.07	156	630+06.26	464.42			
17	628+72.87	462.38	37	628+95.81	462.74	57	629+18.71	463.10	77	629+42.17	463.47	97	629+65.64	463.84	117	629+88.81	464.21	137	630+11.74	464.57	157	630+34.65	465.00			
18	628+72.88	462.46	38	628+95.80	462.82	58	629+18.72	463.18	78	629+42.18	463.55	98	629+65.63	463.92	118	629+88.82	464.29	138	630+11.74	464.65	158	630+34.65	465.08			
19	628+59.69	462.78	39	628+82.46	463.14	59	629+05.23	463.50	79	629+28.53	463.87	99	629+51.83	464.24	119	629+74.87	464.60	139	629+97.64	464.96	159	630+20.41	465.32			
20	628+51.86	462.07	40	628+74.54	462.43	60	628+97.22	462.79	80	629+20.43	463.15	100	629+43.64	463.52	120	629+66.58	463.88	140	629+89.26	464.24	160	630+11.94	464.59			

SEALED BY



PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: C. STAPLER DATE: 11-25
SUPERVISED BY: STEELE/STEPP DATE: 11-25
CHECKED BY: E. SLAYTON DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE SCREED
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-215A

11/18/2025 1:45:32 PM

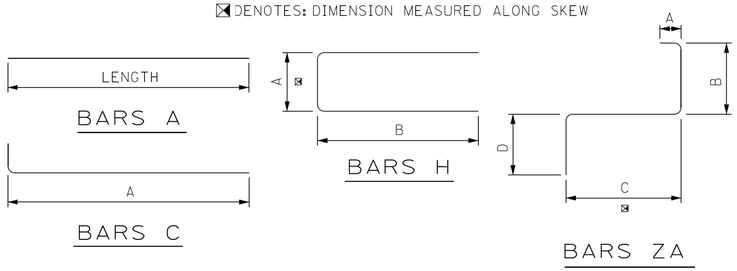
CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

☒ DENOTES: DIMENSION MEASURED ALONG SKEW

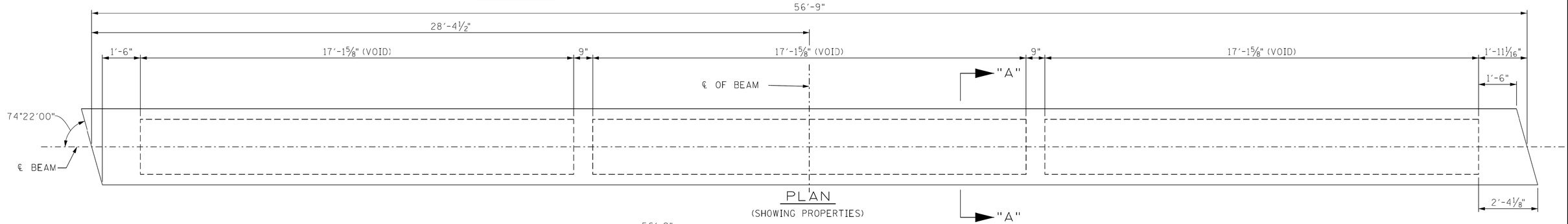


NOTE: BARS H300, H500, AND ZA500 SHALL BE PLACED PARALLEL TO THE SKEW AT BEAM ENDS.

BILL OF STEEL

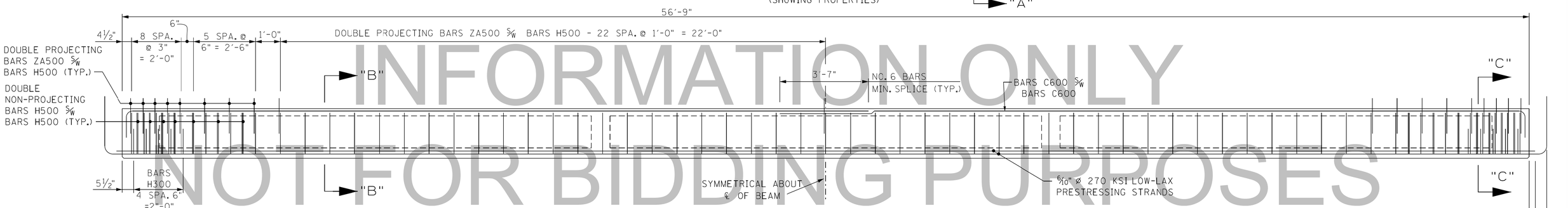
(PER BEAM)

BAR	SIZE	NO REQ'D	A	B	C	D	LENGTH
A300	3	2					56'-5"
A500	5	4					5'-6"
A501	5	4					2'-7"
A502	5	8					1'-7"
C600	6	8	30'-0"				31'-0"
H300	3	10	2'-11¼"	1'-0"			5'-0"
H500	5	89	2'-9¼"	1'-8"			6'-2"
ZA500	5	122	4"	7½"	1'-10⅞"	1'-8"	4'-7"



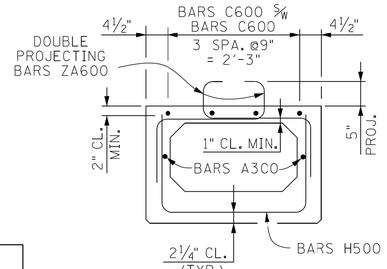
PLAN

(SHOWING PROPERTIES)

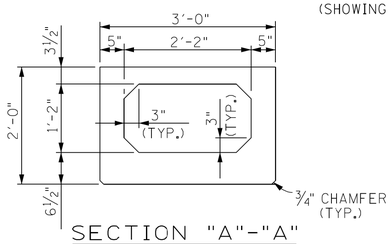


ELEVATION

(SHOWING STIRRUP SPACING AND PRESTRESSED STRANDS)

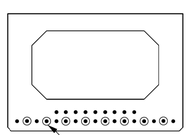


(SHOWING PROJECTING STEEL)

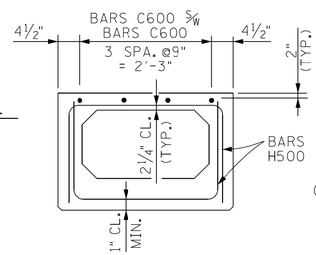


SECTION "A"-"A"

(SHOWING PROPERTIES)

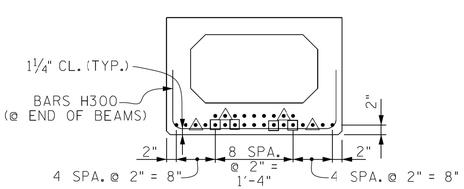


BENT STRAND DETAIL



SECTION "B"-"B"

(SHOWING NON-PROJECTING STEEL)



SECTION "C"-"C"

(SHOWING PRESTRESSED STRAND - 26 TOTAL)

△ DENOTES: BOND BREAK 4'-0" FROM END OF BEAM

⊡ DENOTES: BOND BREAK 7'-0" FROM END OF BEAM

PRESTRESSED BEAM DESIGN DATA - PER BEAM

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 8,000 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 7,000 PSI. SEE GENERAL NOTES FOR CONCRETE FINISHING NOTE.

PRESTRESSING STRANDS: ALL STRANDS SHALL BE 6/10" DIAMETER, UNCOATED 7- WIRE STRANDS, ASTM A416 GRADE 270, LOW-LAX, A = 0.217 SQ. IN. PULLED TO 43,943 LBS. PER STRAND UNLESS OTHERWISE NOTED.

PRESTRESSED BEAM DESIGN DATA (PER BEAM):

LIVE LOAD DISTRIBUTION FACTOR: MOMENT = 0.954 LANES
SHEAR = 1.001 LANES

COMPOSITE DEAD LOAD: DC = 277 LB/FT
DW = 265 LB/FT

COMPOSITE SLAB DESIGN STRENGTH: F 'C = 4000 PSI

DOWNWARD DEFLECTION UNDER TOTAL DL IS NOT ALLOWED.

ESTIMATED QUANTITIES

(PER BEAM)

NO. BEAMS REQUIRED	PRESTRESSING STRANDS (LOW RELAXATION) LB.	CONCRETE C.Y.	REINFORCING STEEL LB.
27	1,140	8.0	1,636

SEALED BY



PIN NO.:	124721.00		
DESIGN BY:	D. BERWARY	DATE:	10-20
DRAWN BY:	JERRY W. SIMPSON	DATE:	11-23
SUPERVISED BY:	STEELE/STEPP	DATE:	11-23
CHECKED BY:	E. SLAYTON	DATE:	12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESTRESSED BOX BEAM DETAILS
STATE ROUTE 6 OVER EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-216

INFORMATION ONLY
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11/20/2025 1:42:56 PM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

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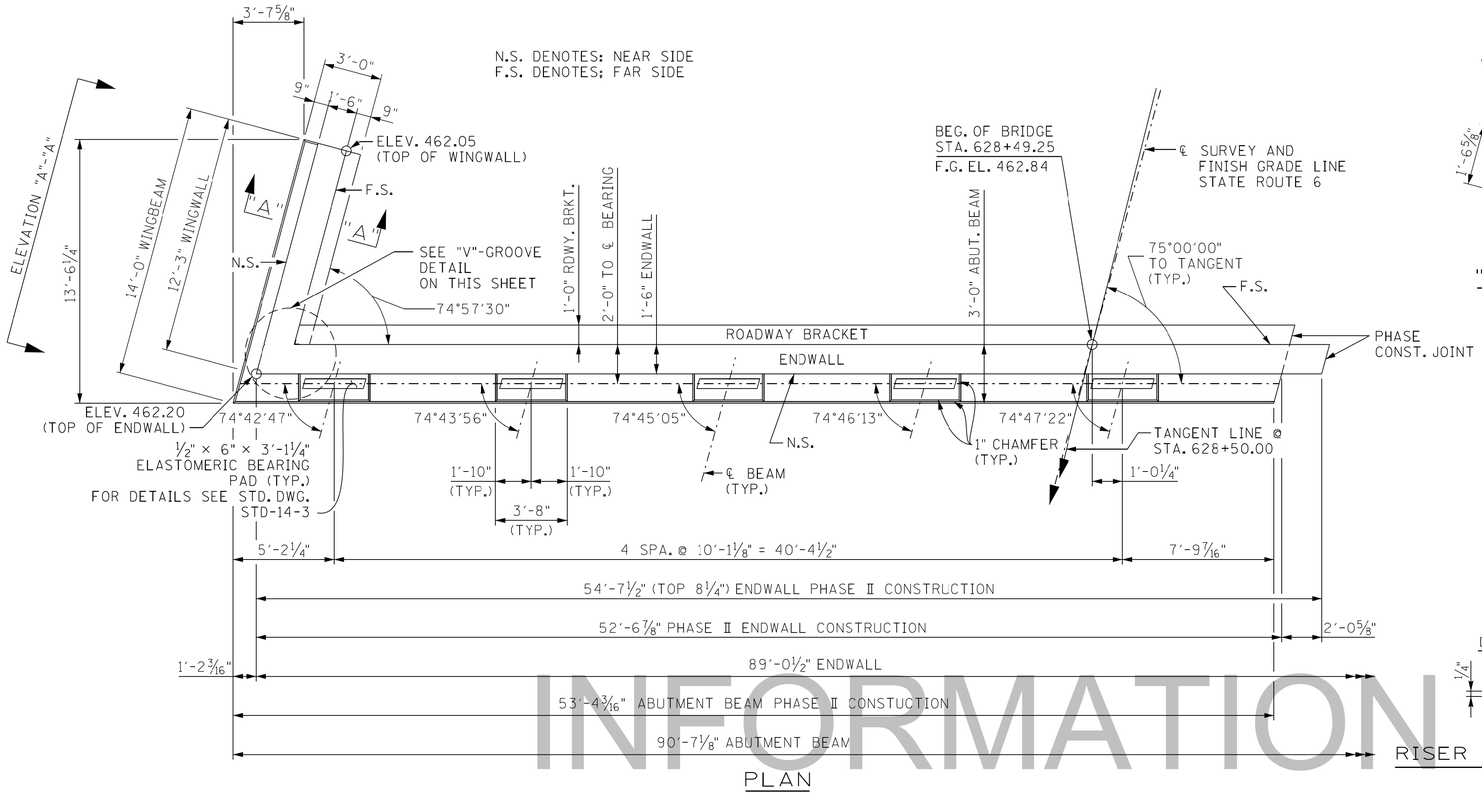
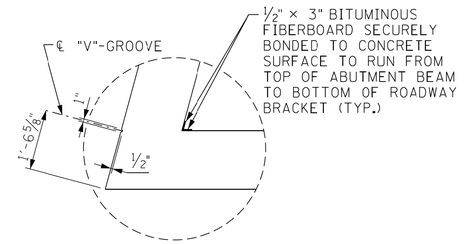
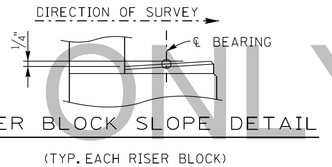


PLAN

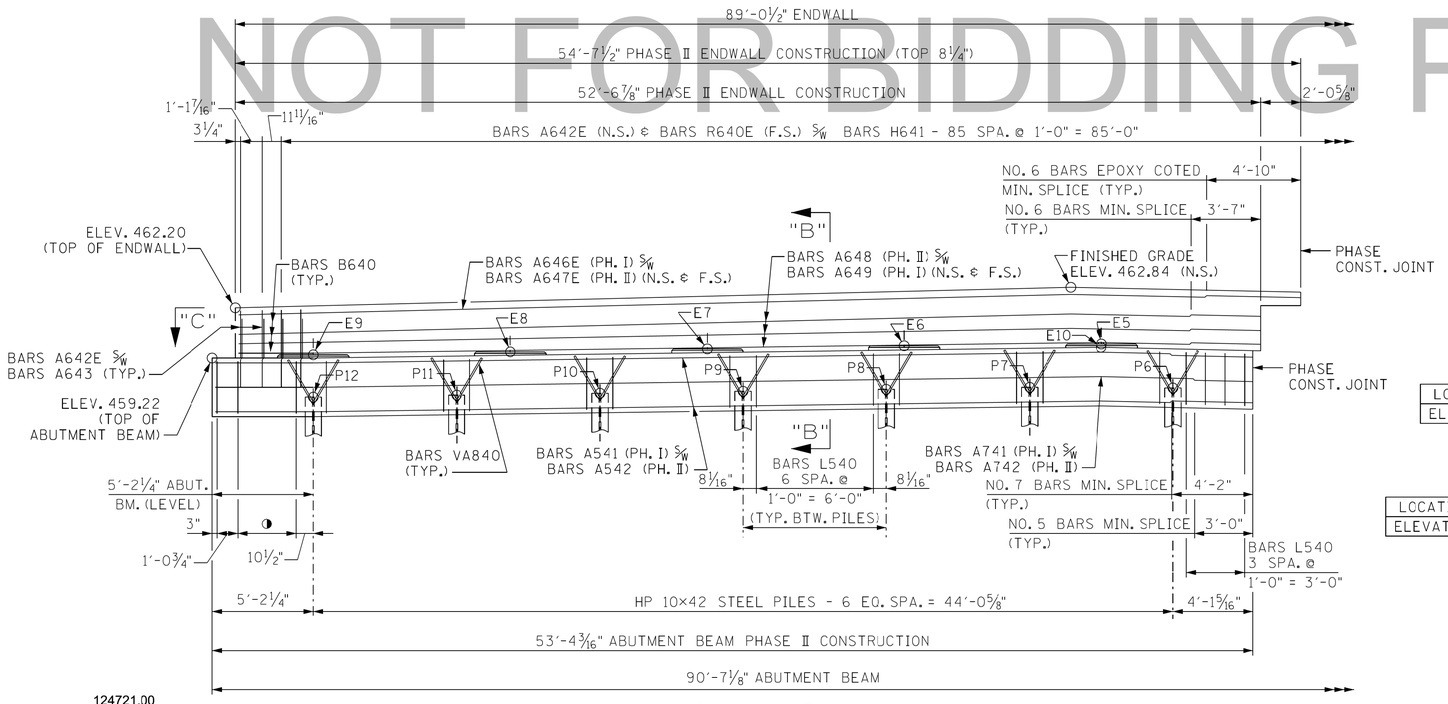


"V"-GROOVE DETAIL



RISER BLOCK SLOPE DETAIL

(TYP. EACH RISER BLOCK)



ELEVATION

(LOOKING BACK ON SURVEY)

NOTE: THE CONTRACTOR SHALL OFFSET ANY REINFORCEMENT NECESSARY TO MAINTAIN 2" CLEARANCE TO PHASE CONSTRUCTION JOINT.

RISER BLOCK
TABLE OF ELEVATIONS

LOCATION	E5	E6	E7	E8	E9	E10
ELEVATION	459.94	459.85	459.69	459.54	459.39	459.77

PILE CUT OFF
TABLE OF ELEVATIONS

LOCATION	P6	P7	P8	P9	P10	P11	P12
ELEVATION	457.60	457.72	457.62	457.52	457.42	457.32	457.22

◑ DENOTES; BARS L540 - 3 SPA @ 1'-0" = 3'-0"

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

NOTE: RISER BLOCK BEARING SURFACE TO CONFORM TO BOTTOM OF BEAM GRADE.

NOTE: ELASTOMERIC PADS SHALL BE IN PLACE A MINIMUM OF ONE DAY BEFOR 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 POURE PRIOR TO, OR CONCURRENTLY WITH, PLACEMENT OF ANY PART OF THE ABUTMENT ENDWALLS. AT LEAST THE TOP 12 INCHES OF THE ENDWALLS SHAL 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.

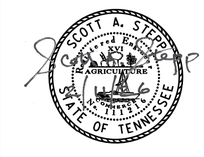
NOTE: THE CONTRACTOR SHALL SUPPORT THE ABUTMENT UNTIL THE SUPERSTRUCTURE IS IN PLACE, FALSEWORK HAS BEEN REMOVED, AND BACKFILLING HAS BEEN COMPLETED.

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

NOTE: SEISMIC ATTACHMENT IS NOT REQUIRED FOR WINGBEAM PILES.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SEALED BY



PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: B. ERVIN DATE: 11/23
SUPERVISED BY: STEELE/STEPP DATE: 11/23
CHECKED BY: E. SLAYTON DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 1
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-217

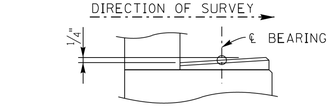
12/2/2025 2:13:24 PM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

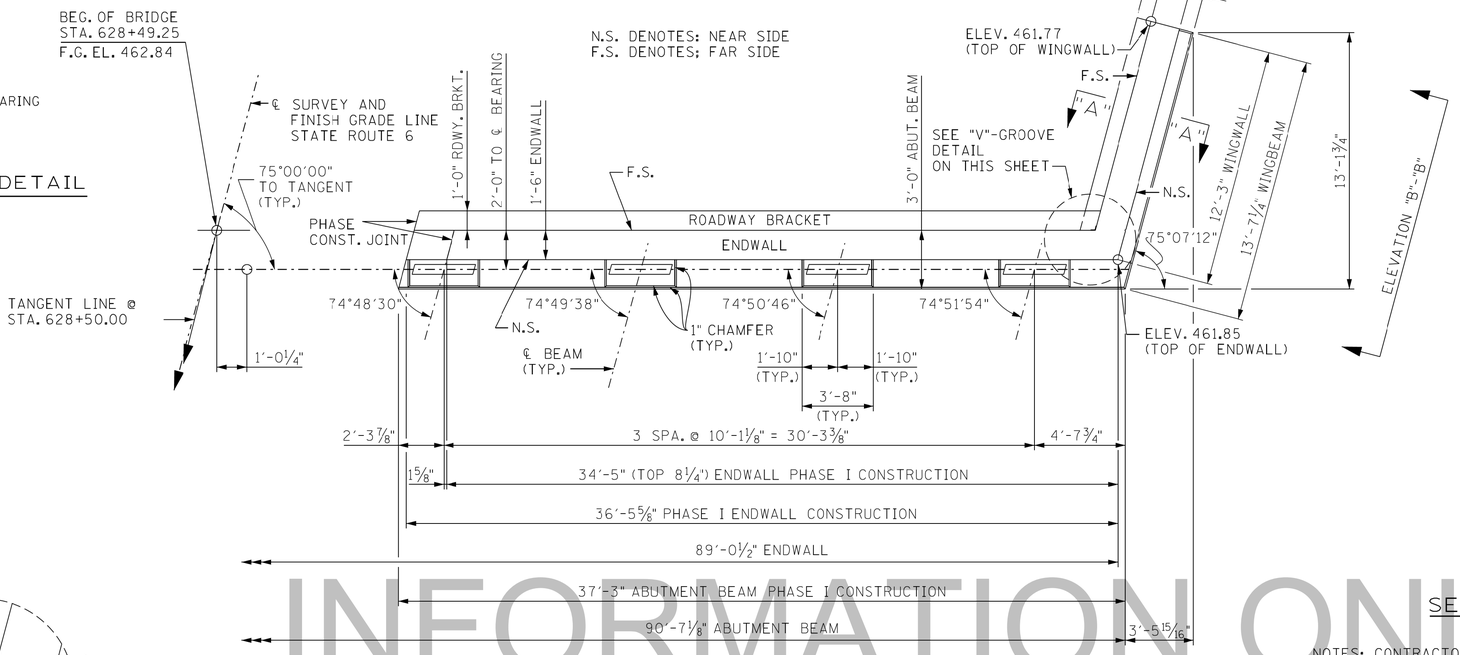
REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

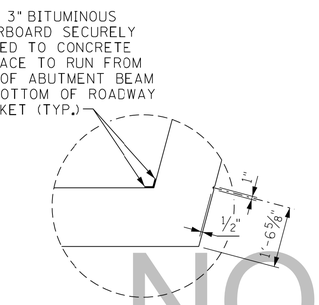


RISER BLOCK SLOPE DETAIL

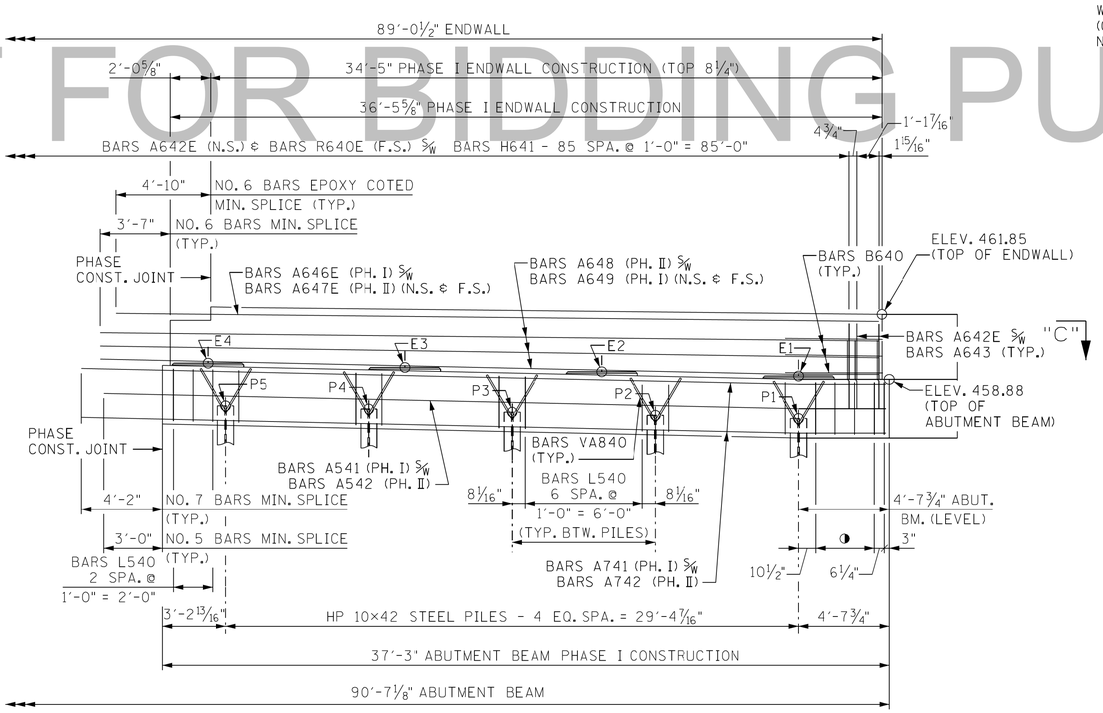
(TYP. EACH RISER BLOCK)



PLAN

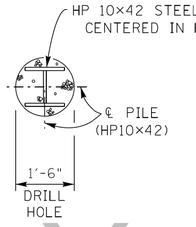


"V"-GROOVE DETAIL



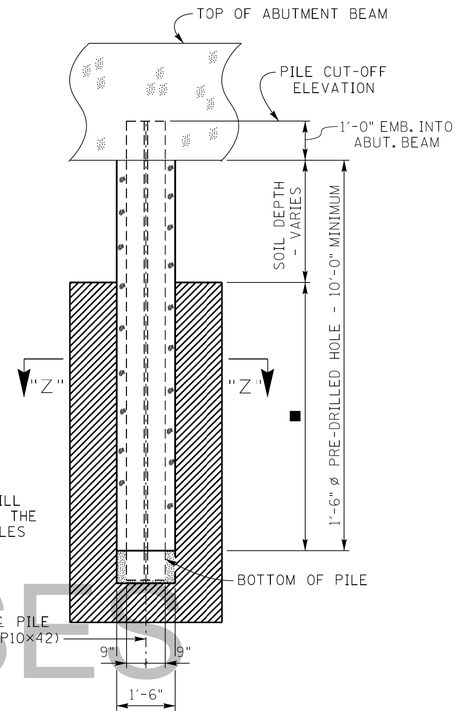
ELEVATION

(LOOKING BACK ON SURVEY)



SECTION "Z-Z"

NOTES: 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).



PILE SHAFT DETAIL

USED AT ABUTMENT NO. 1
(LOOKING FORWARD ON ℄ SURVEY)

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

RISER BLOCK
TABLE OF ELEVATIONS

LOCATION	E1	E2	E3	P4
ELEVATION	459.05	459.27	459.49	459.71

PILE CUT OFF
TABLE OF ELEVATIONS

LOCATION	P1	P2	P3	P4	P5
ELEVATION	456.88	456.96	457.12	457.28	457.44

◑ DENOTES; BARS L540 - 3 SPA @ 1'-0" = 3'-0"

NOTE: THE CONTRACTOR SHALL OFFSET ANY REINFORCEMENT NECESSARY TO MAINTAIN 2" CLEARANCE TO PHASE CONSTRUCTION JOINT.

SEALED BY



INFORMATION ONLY
NOT FOR BIDDING PURPOSES

PIN NO.:	124721.00		
DESIGN BY:	D. BERWARY	DATE:	10-20
DRAWN BY:	B. ERVIN	DATE:	11/23
SUPERVISED BY:	STEELE/STEPP	DATE:	11/23
CHECKED BY:	E. SLAYTON	DATE:	12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 1
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-218

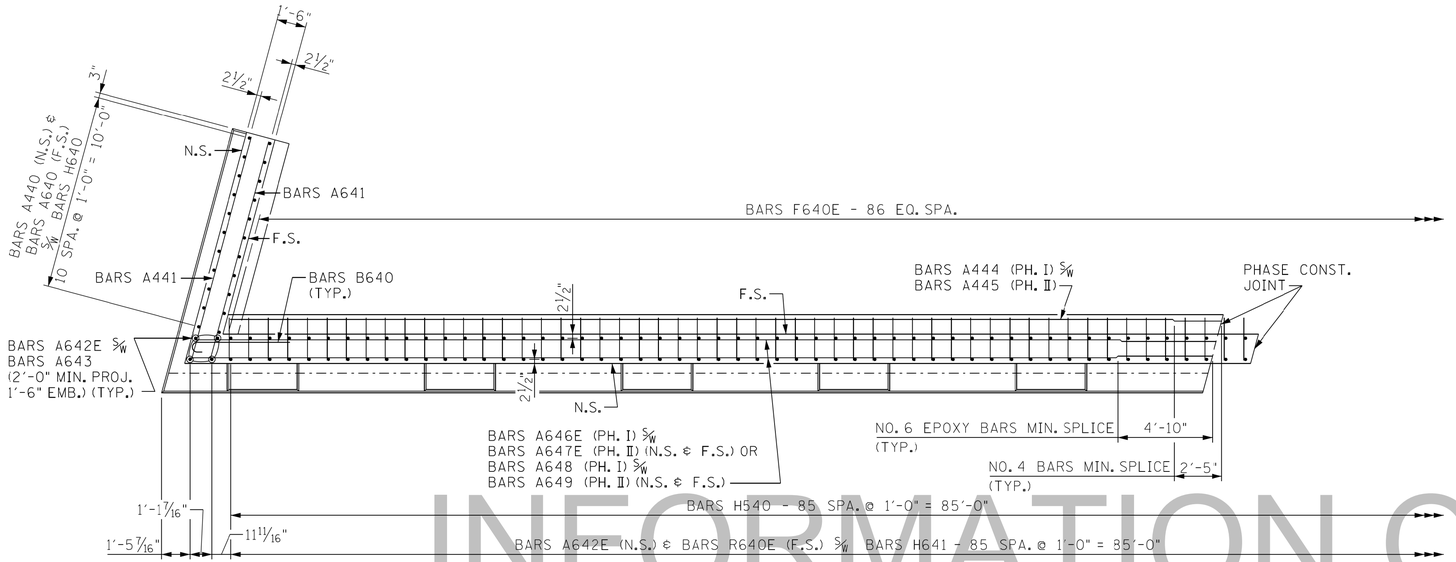
12/2/2025 2:16:11 PM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

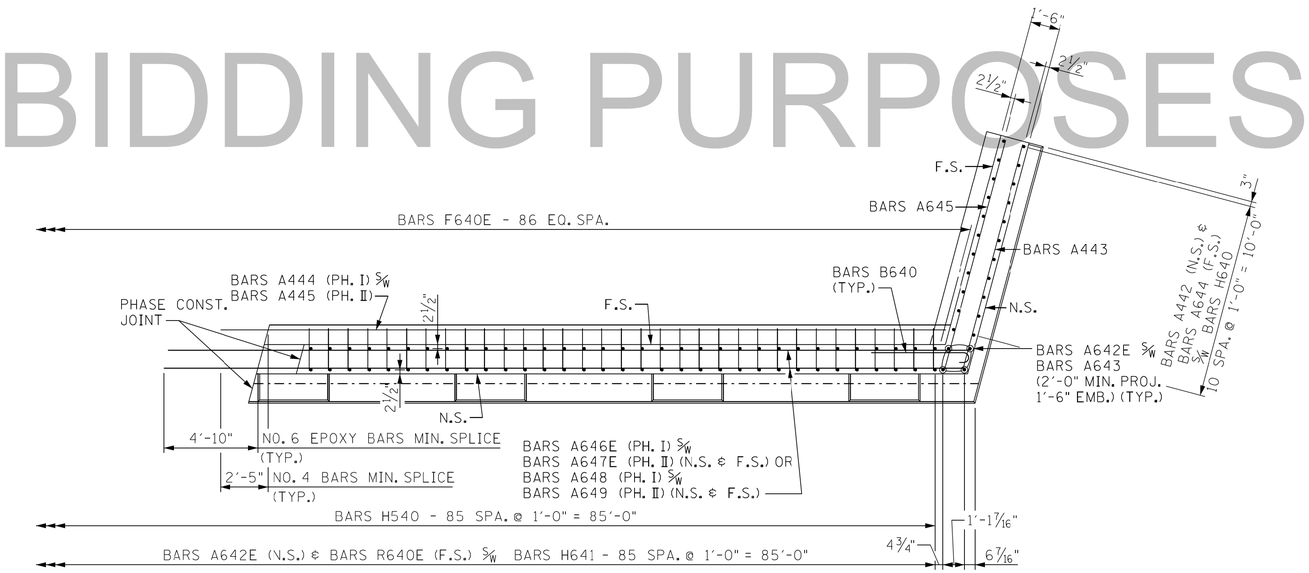
REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



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

INFORMATION ONLY
NOT FOR BIDDING PURPOSES



SECTION "C"-"C"

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 1 DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-219

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: B. ERVIN DATE: 11/23
SUPERVISED BY: STEELE/STEPP DATE: 11/23
CHECKED BY: E. SLAYTON DATE: 12-23

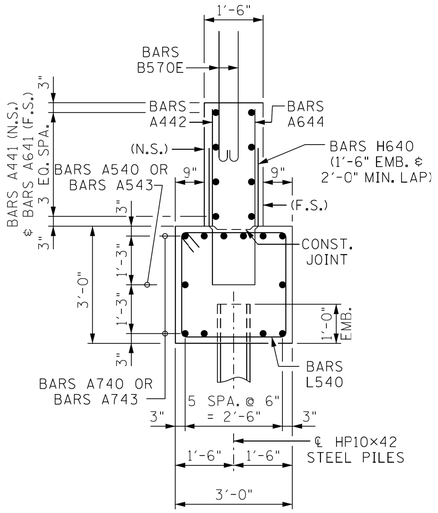
12/3/2025 6:16:18 AM

CONST. NO.: 83077-3220-94

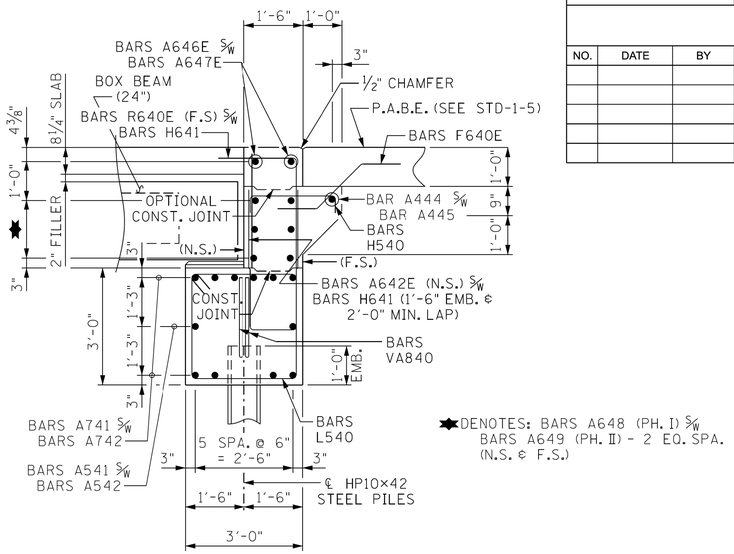
PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



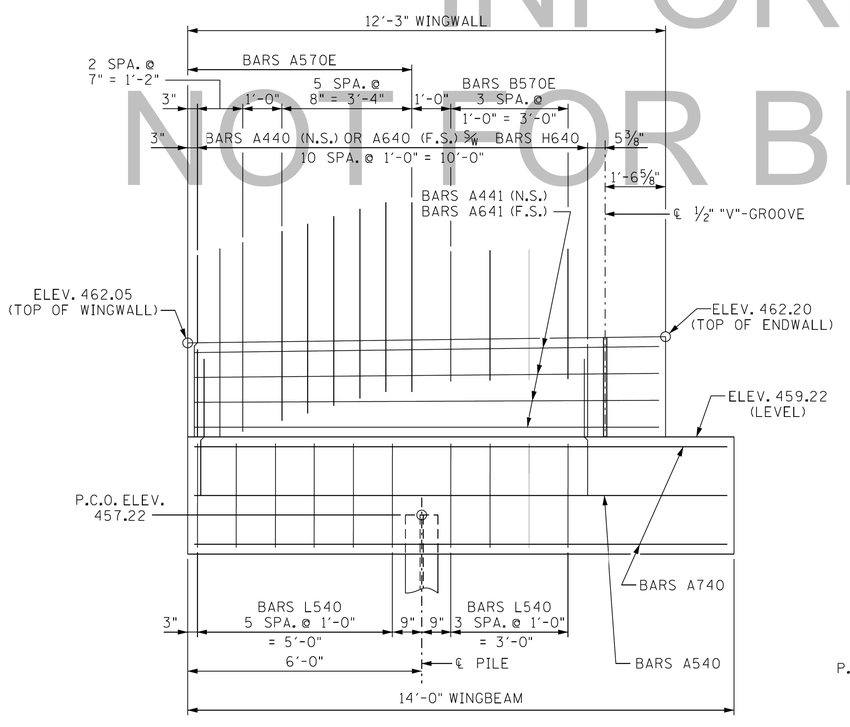
SECTION "A"-"A"



SECTION "B"-"B"

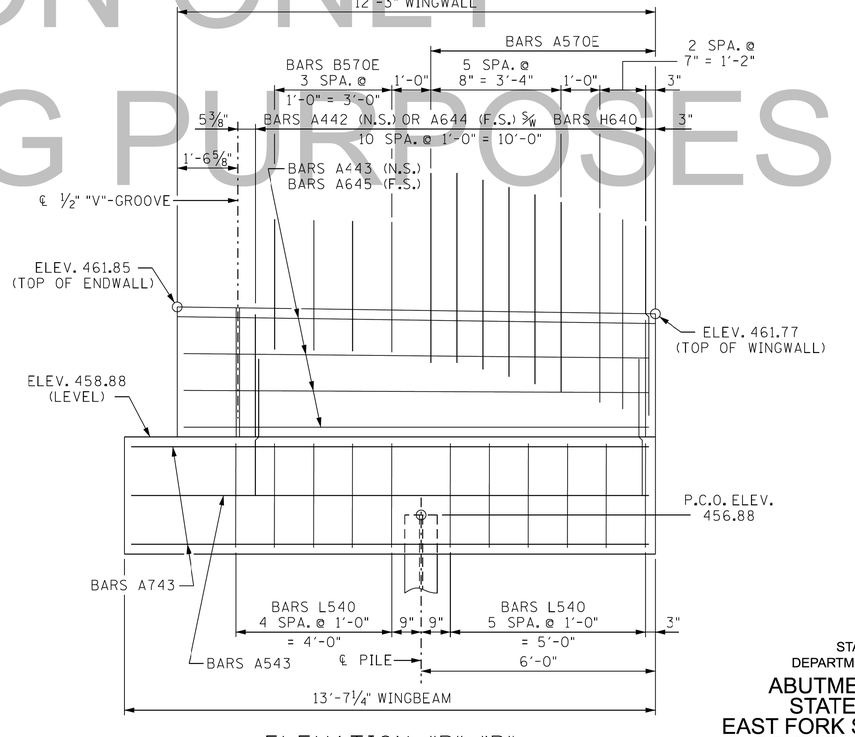
✱DENOTES: BARS A648 (PH. I) S/W BARS A649 (PH. II) - 2 EQ. SPA. (N.S. & F.S.)

INFORMATION ONLY
NOT FOR BIDDING PURPOSES



ELEVATION "A"-"A"

P.C.O ELEV. DENOTES: PILE CUT OFF ELEVATION



ELEVATION "B"-"B"

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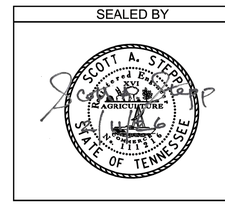


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 1 DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-220

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: B. ERVIN DATE: 11/23
SUPERVISED BY: STEELE/STEPP DATE: 11/23
CHECKED BY: E. SLAYTON DATE: 12-23

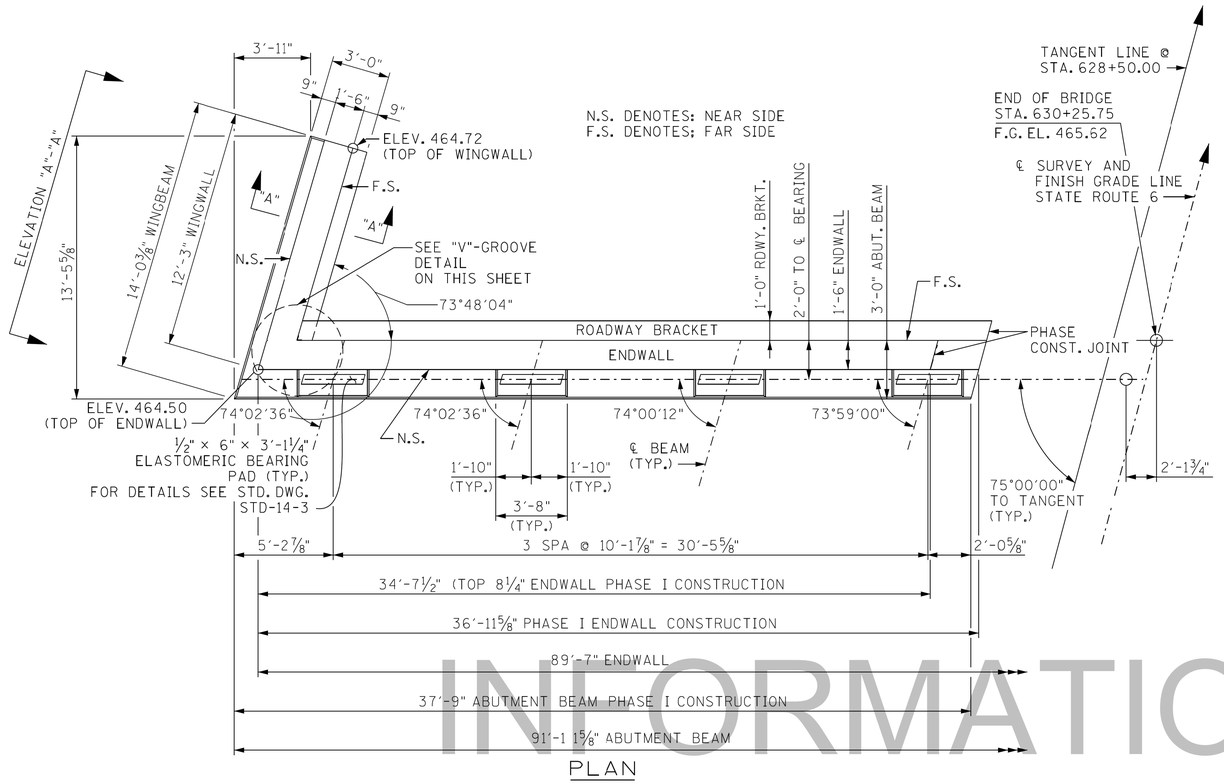
12/3/2025 8:01:45 AM

CONST. NO.: 83077-3220-94

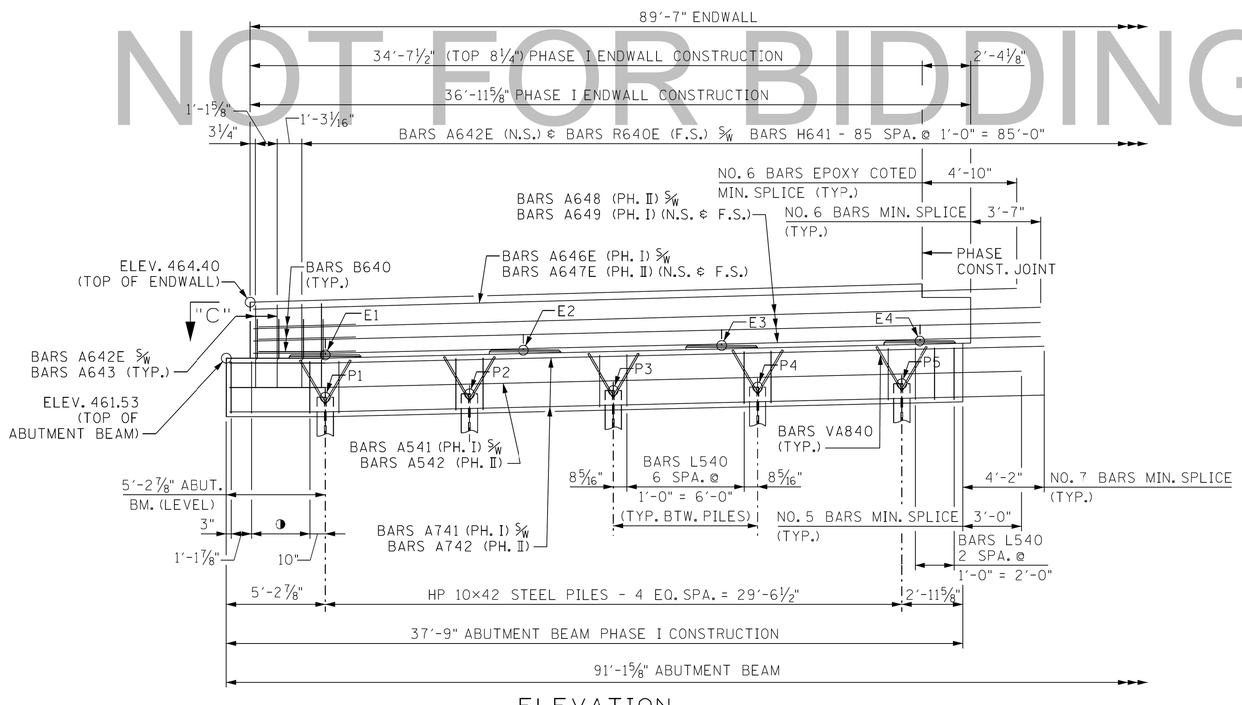
PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

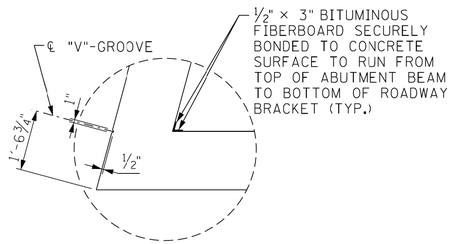


PLAN

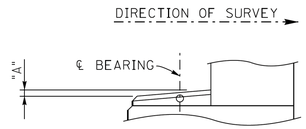


ELEVATION

(LOOKING BACK ON SURVEY)



"V"-GROOVE DETAIL



RISER BLOCK SLOPE DETAIL

(TYP. EACH RISER)

	"A"
RISER BLOCK "E1"	¼"
RISER BLOCK "E2"	¼"
RISER BLOCK "E3"	¼"
RISER BLOCK "E4"	¼"

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

NOTE: RISER BLOCK BEARING SURFACE TO CONFORM TO BOTTOM OF BEAM GRADE.

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: THE CONTRACTOR SHALL SUPPORT THE ABUTMENT UNTIL THE SUPERSTRUCTURE IS IN PLACE, FALSEWORK HAS BEEN REMOVED, AND BACKFILLING HAS BEEN COMPLETED.

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

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

RISER BLOCK
TABLE OF ELEVATIONS

LOCATION	E1	E2	E3	E4
ELEVATION	461.70	461.94	462.18	462.41

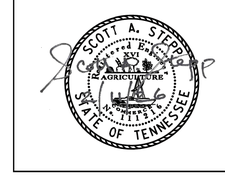
PILE CUT OFF
TABLE OF ELEVATIONS

LOCATION	P1	P2	P3	P4	P5
ELEVATION	459.70	459.87	460.05	460.22	460.39

◑ DENOTES; BARS L540 - 3 SPA @ 1'-0" = 3'-0"

NOTE: THE CONTRACTOR SHALL OFFSET ANY REINFORCEMENT NECESSARY TO MAINTAIN 2" CLEARANCE TO PHASE CONSTRUCTION JOINT.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 2
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-221

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: B. ERVIN DATE: 11/23
SUPERVISED BY: STEELE/STEPP DATE: 11/23
CHECKED BY: E. SLAYTON DATE: 12-23

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

12/3/2025 6:21:12 AM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

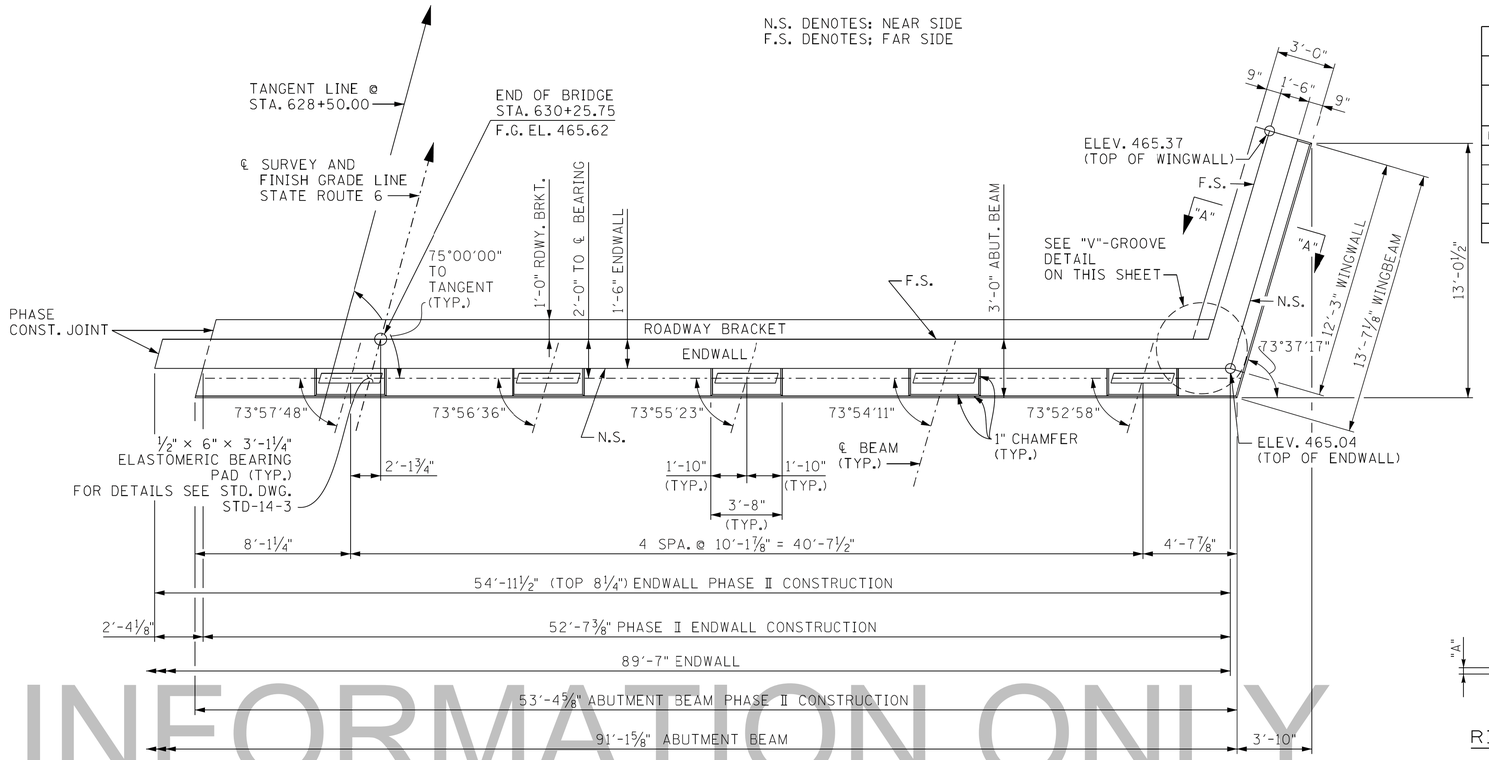
REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

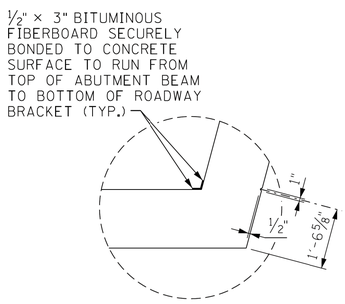
INFORMATION ONLY

NOT FOR BIDDING PURPOSES

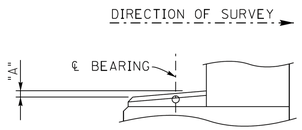
N.S. DENOTES: NEAR SIDE
F.S. DENOTES: FAR SIDE



PLAN

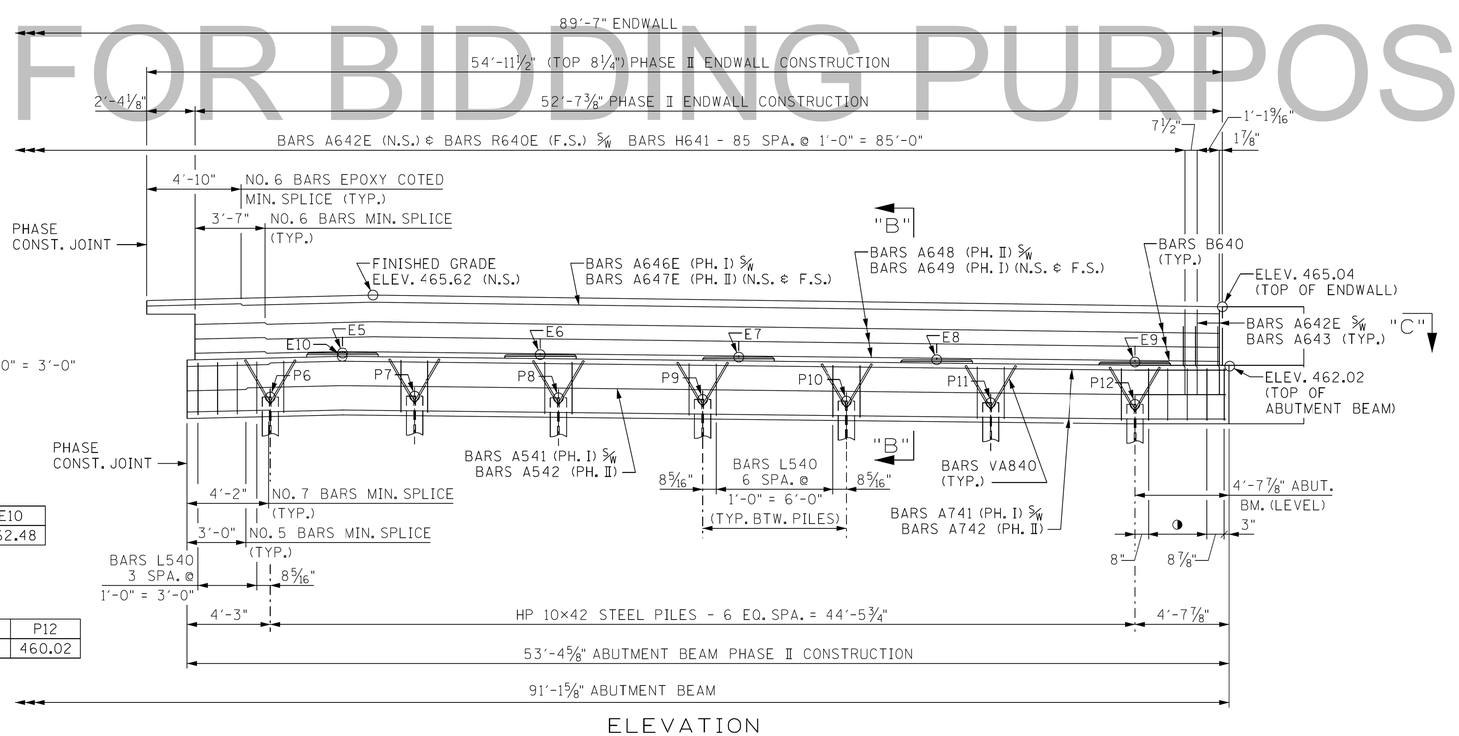


"V"-GROOVE DETAIL



RISER BLOCK SLOPE DETAIL
(TYP. EACH RISER)

	"A"
RISER BLOCK "E5"	¼"
RISER BLOCK "E6"	¼"
RISER BLOCK "E7"	¼"
RISER BLOCK "E8"	3/16"
RISER BLOCK "E9"	3/16"



ELEVATION
(LOOKING BACK ON SURVEY)

RISER BLOCK
TABLE OF ELEVATIONS

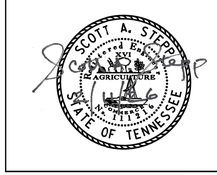
LOCATION	E5	E6	E7	E8	E9	E10
ELEVATION	462.65	462.57	462.44	462.31	462.19	462.48

PILE CUT OFF
TABLE OF ELEVATIONS

LOCATION	P6	P7	P8	P9	P10	P11	P12
ELEVATION	460.56	460.44	460.36	460.27	460.19	460.10	460.02

NOTE: THE CONTRACTOR SHALL OFFSET ANY REINFORCEMENT NECESSARY TO MAINTAIN 2" CLEARANCE TO PHASE CONSTRUCTION JOINT.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 2
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-222

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: B. ERVIN DATE: 11/23
SUPERVISED BY: STEELE/STEPP DATE: 11/23
CHECKED BY: E. SLAYTON DATE: 12-23

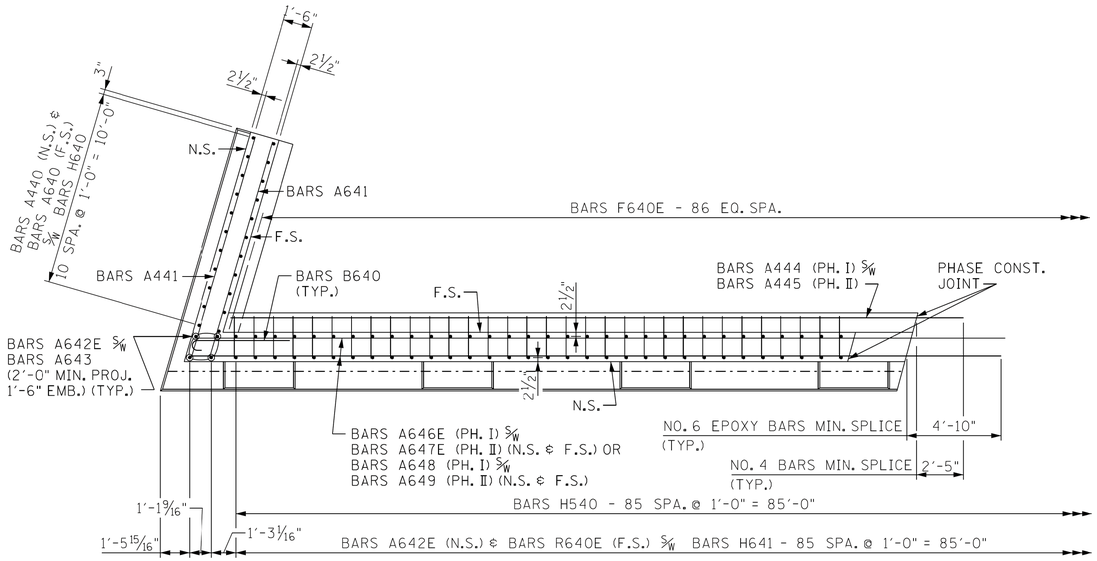
12/3/2025 6:23:52 AM

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

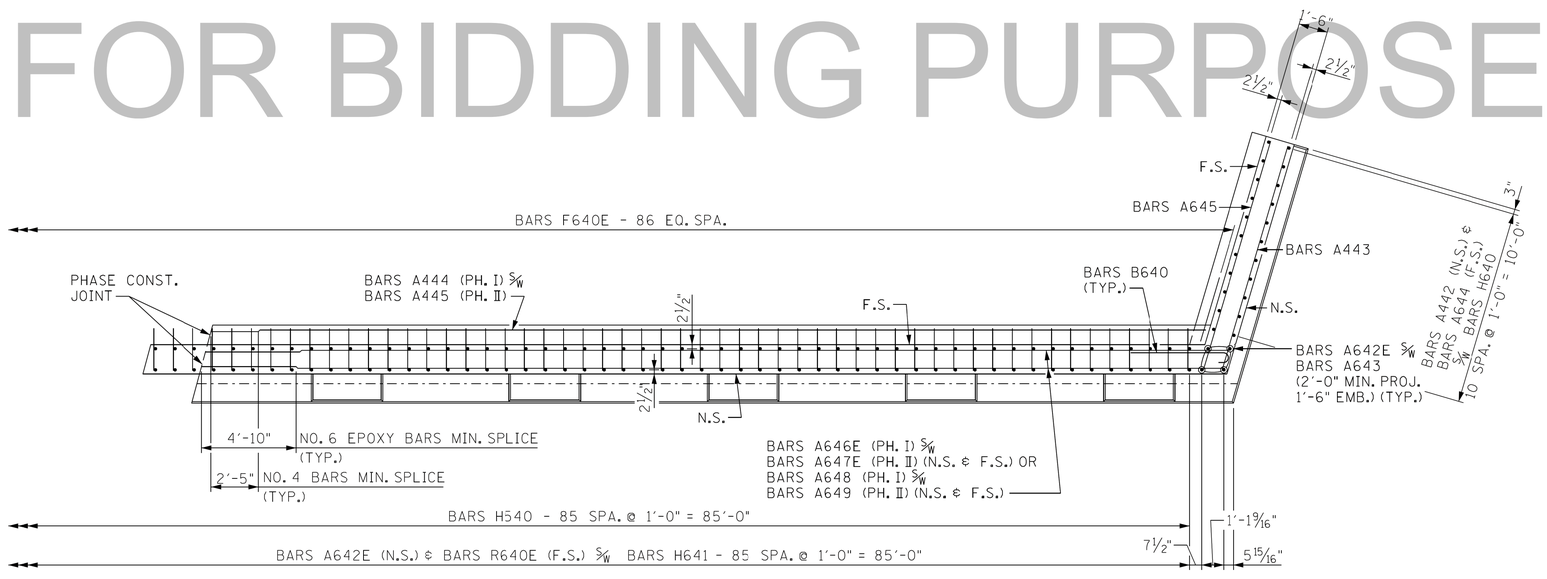
REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



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

INFORMATION ONLY
NOT FOR BIDDING PURPOSES



SECTION "C"-"C"

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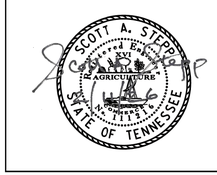


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 2 DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-223

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: B. ERVIN DATE: 11/23
SUPERVISED BY: STEELE/STEPP DATE: 11/23
CHECKED BY: E. SLAYTON DATE: 12-23

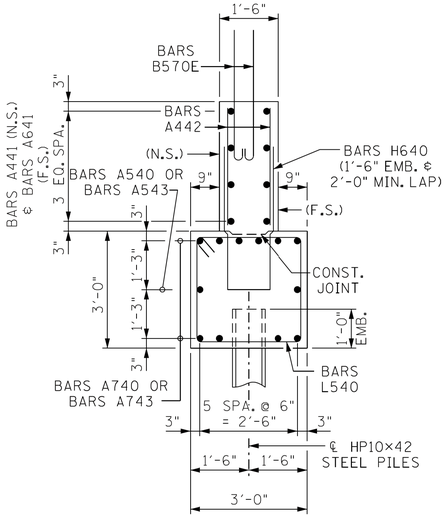
12/3/2025 6:25:49 AM

CONST. NO.: 83077-3220-94

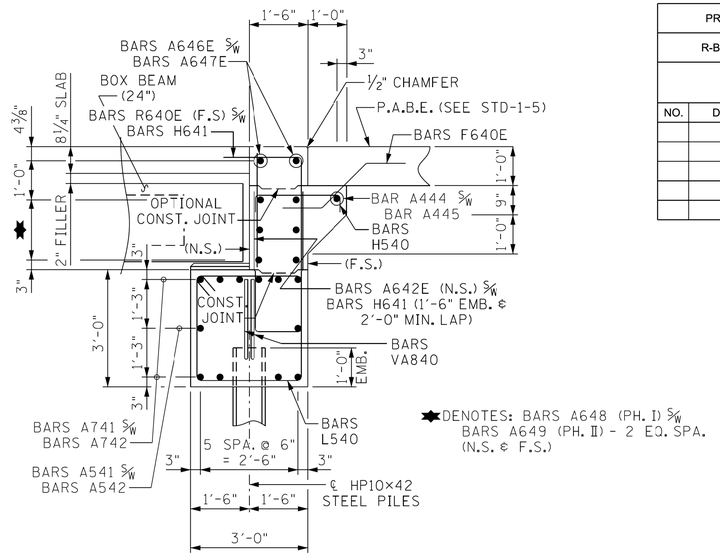
PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



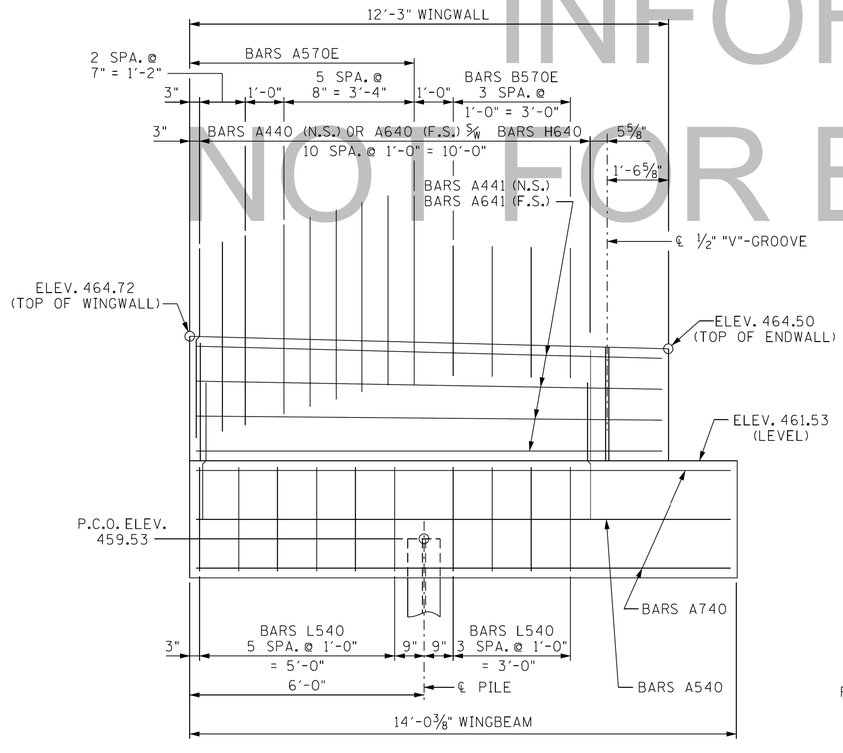
SECTION "A"-"A"



✱DENOTES: BARS A648 (PH. I)
BARS A649 (PH. II) - 2 EQ. SPA.
(N.S. & F.S.)

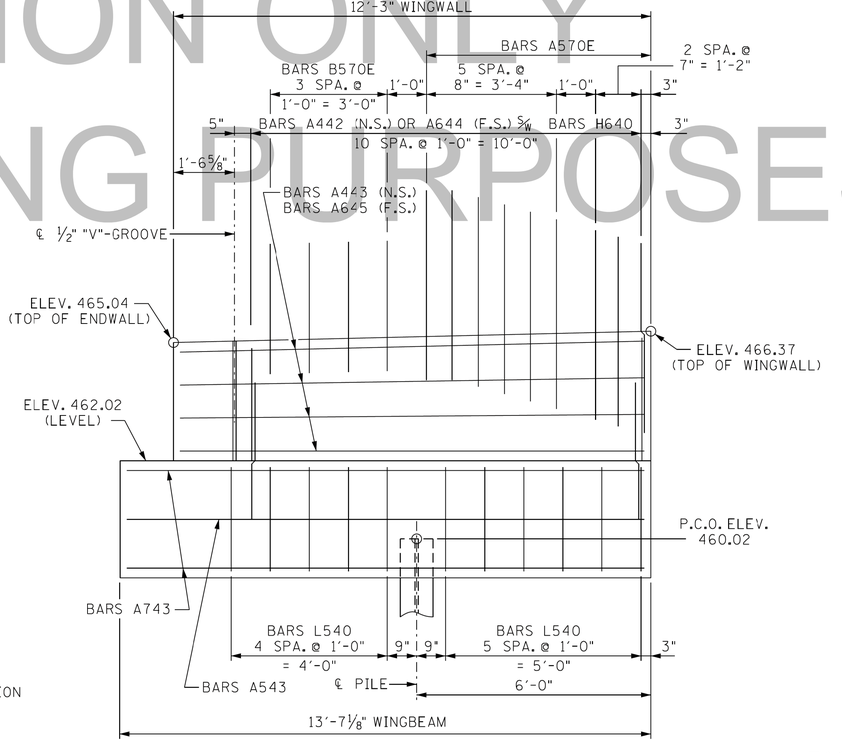
SECTION "B"-"B"

INFORMATION ONLY
NOT FOR BIDDING PURPOSES



ELEVATION "A"-"A"

P.C.O ELEV. DENOTES: PILE CUT OFF ELEVATION



ELEVATION "B"-"B"

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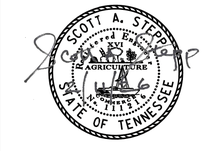


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 2 DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-224

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: B. ERVIN DATE: 11/23
SUPERVISED BY: STEELE/STEPP DATE: 11/23
CHECKED BY: E. SLAYTON DATE: 12-23

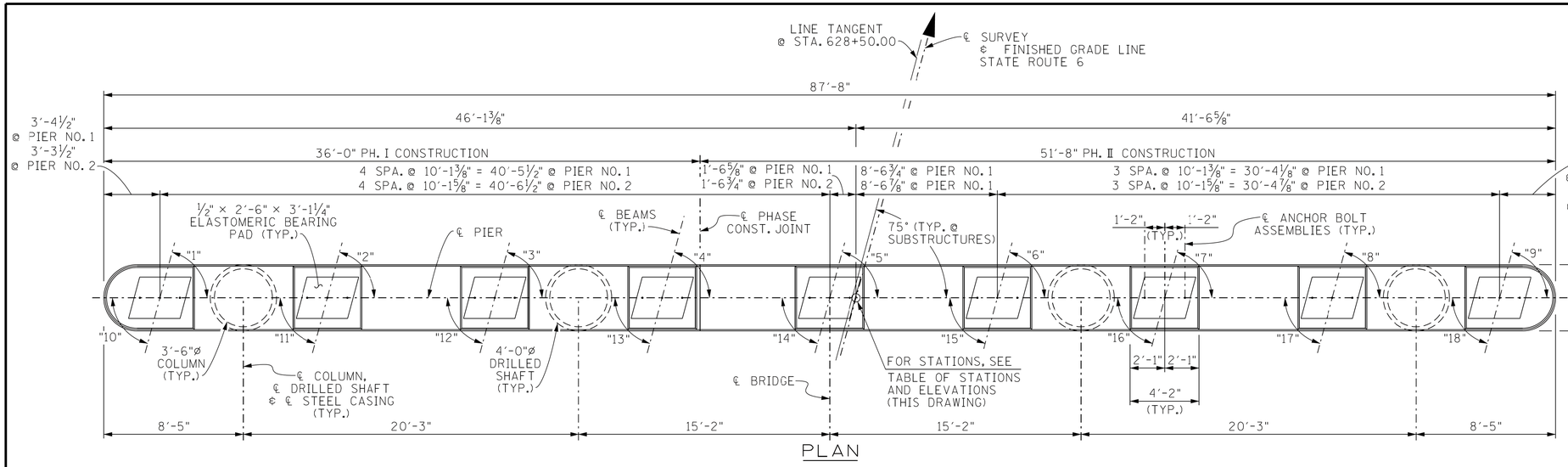
12/3/2025 8:09:32 AM

CONST. NO.: 83077-3220-94

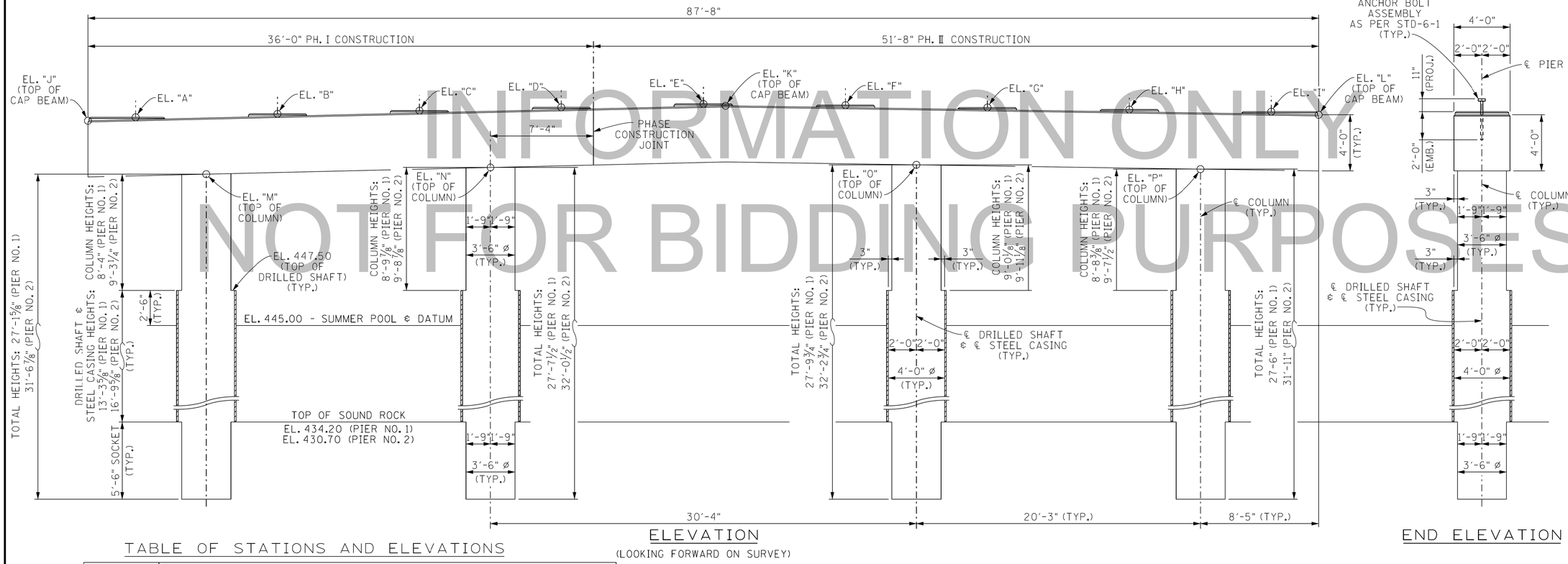
PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



PLAN



ELEVATION

(LOOKING FORWARD ON SURVEY)

END ELEVATION

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: RISER BLOCK BEARING SURFACE SHALL CONFORM TO BOTTOM OF BEAM GRADE.

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'-4" INTO PIER CAP.

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

NOTE: DRILLED SHAFT CONCRETE TO BE CLASS "SH-SCC". SEE ESTIMATED QUANTITIES DRAWING NO. U-100-207 AND SPECIAL PROVISION 625 FOR DETAILS.

NOTE: TOP OF STEEL CASING TO BE REMOVED AT 2'-6" ABOVE WATER SURFACE ELEVATION.

SEALED BY

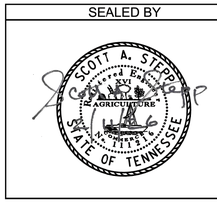


TABLE OF STATIONS AND ELEVATIONS

	STATION	ELEVATIONS							
		"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
PIER NO. 1	629+08.33	459.89	460.13	460.36	460.60	460.84	460.75	460.59	460.44
PIER NO. 2	629+66.67	460.80	461.04	461.28	461.52	461.76	461.67	461.51	461.36
		"I"	"J"	"K"	"L"	"M"	"N"	"O"	"P"
PIER NO. 1	629+08.33	460.29	459.64	460.71	460.07	455.84	456.32	456.51	456.20
PIER NO. 2	629+66.67	461.21	460.57	461.63	460.99	456.77	457.24	457.43	457.12

TABLE OF BEAM ANGLES

	STATION	ANGLES								
		"1"	"2"	"3"	"4"	"5"	"6"	"7"	"8"	"9"
PIER NO. 1	629+08.33	74°27'15"	74°26'05"	74°24'55"	74°23'45"	74°22'35"	74°21'24"	74°20'14"	74°19'03"	74°17'52"
PIER NO. 2	629+66.67	74°02'36"	74°01'24"	74°00'12"	73°59'00"	73°57'48"	73°56'36"	73°55'23"	73°54'11"	73°52'58"
		"10"	"11"	"12"	"13"	"14"	"15"	"16"	"17"	"18"
PIER NO. 1	629+08.33	74°51'54"	74°50'46"	74°49'38"	74°48'30"	74°47'22"	74°46'13"	74°45'05"	74°43'56"	74°42'47"
PIER NO. 2	629+66.67	74°27'15"	74°26'05"	74°24'55"	74°23'45"	74°22'35"	74°21'24"	74°20'14"	74°19'03"	74°17'52"

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: T. WISEMAN DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIERS NO. 1 AND NO. 2
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-225

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

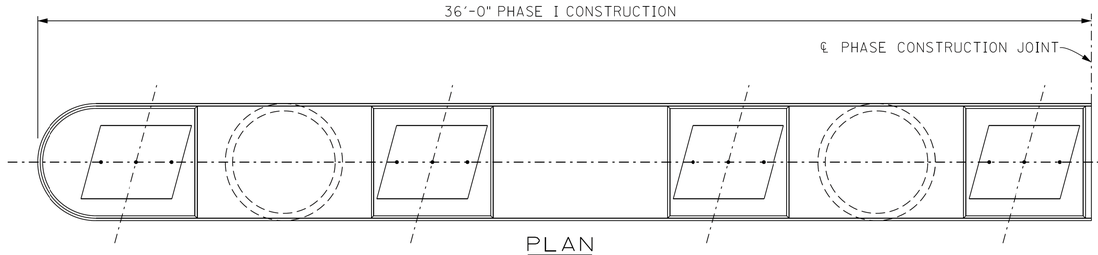
11/19/2025 7:15:07 AM

CONST. NO.: 83077-3220-94

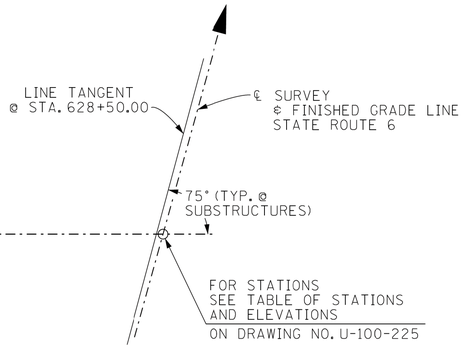
PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

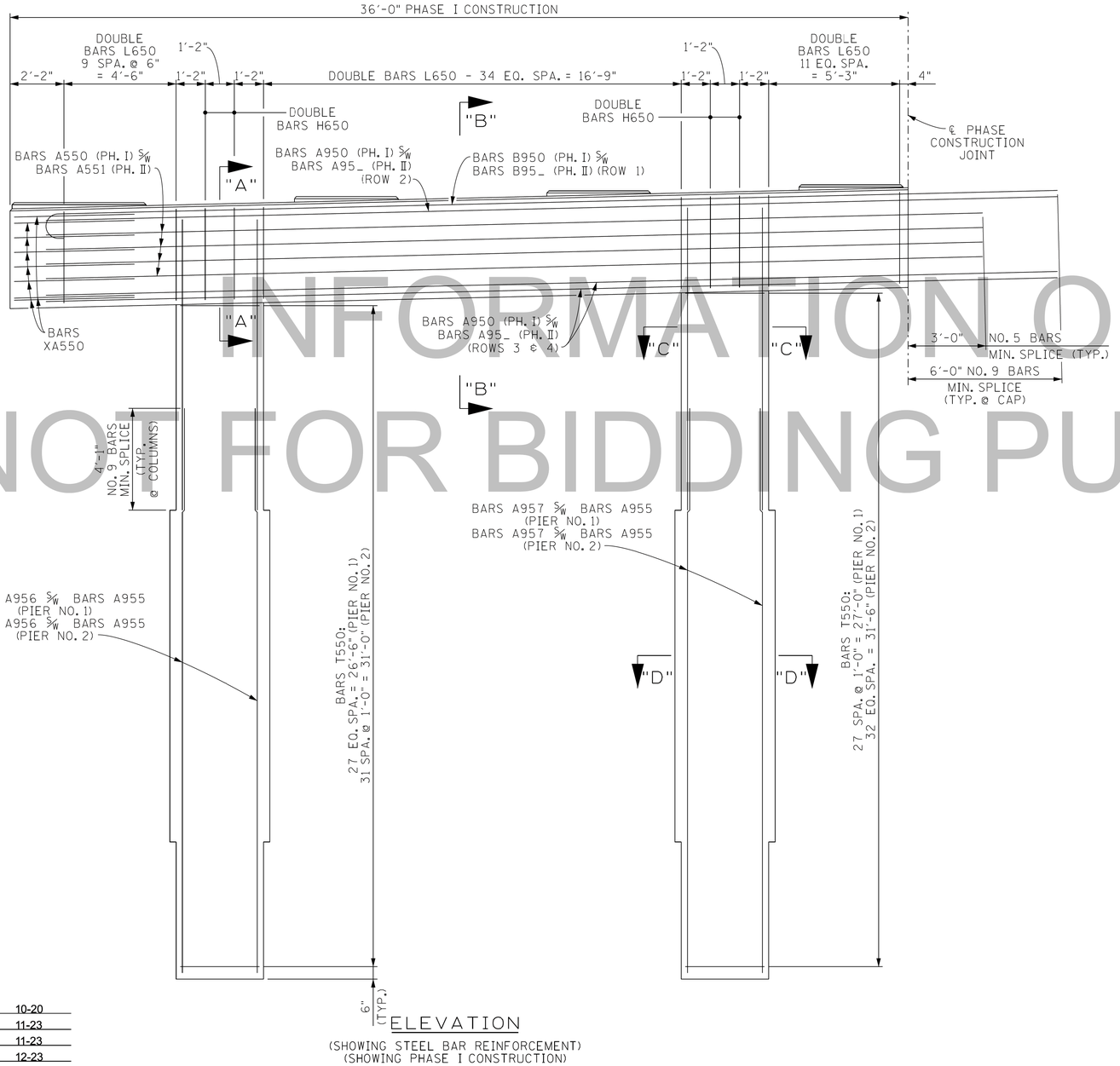
REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



PLAN
(SHOWING PHASE I CONSTRUCTION)

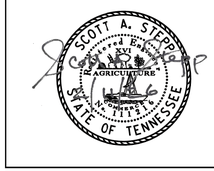




ELEVATION
(SHOWING STEEL BAR REINFORCEMENT)
(SHOWING PHASE I CONSTRUCTION)

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SEALED BY



PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: T. WISEMAN DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIERS NO. 1 AND NO. 2 DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-226

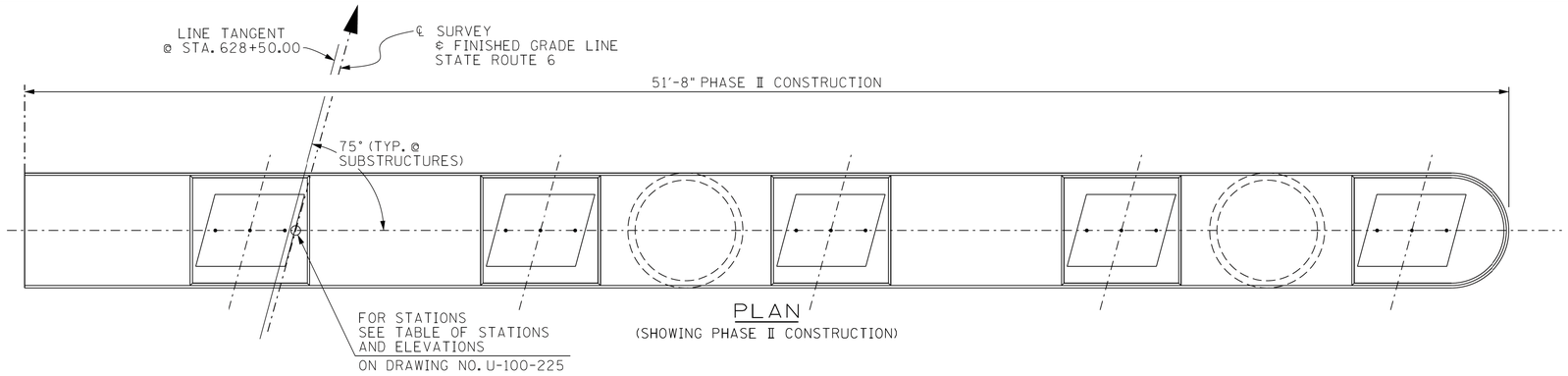
11/19/2025 7:16:29 AM

CONST. NO.: 83077-3220-94

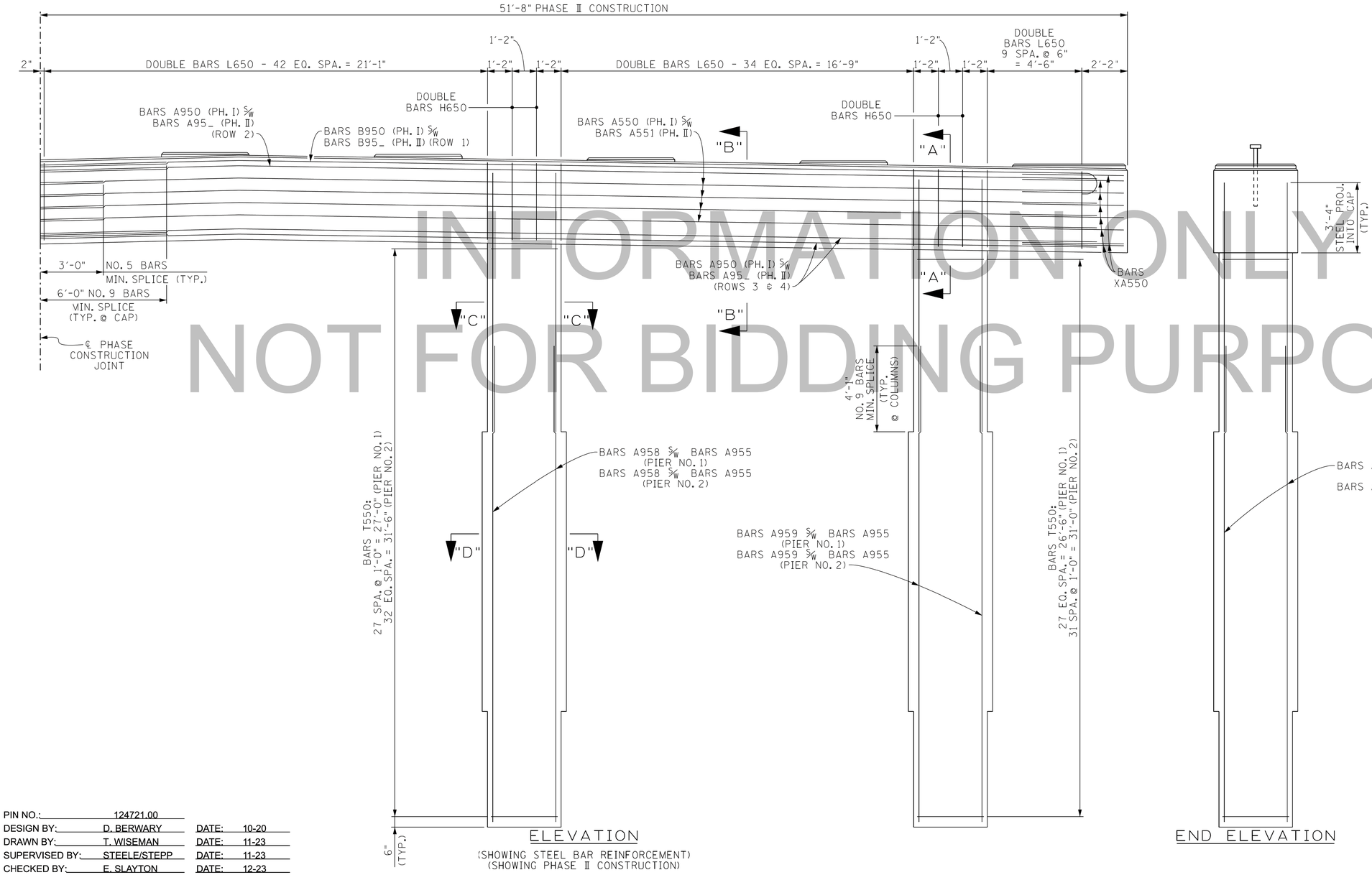
PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



PLAN
(SHOWING PHASE II CONSTRUCTION)

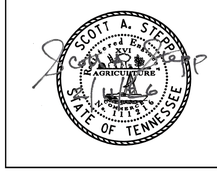


ELEVATION
(SHOWING STEEL BAR REINFORCEMENT)
(SHOWING PHASE II CONSTRUCTION)

END ELEVATION

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

SEALED BY



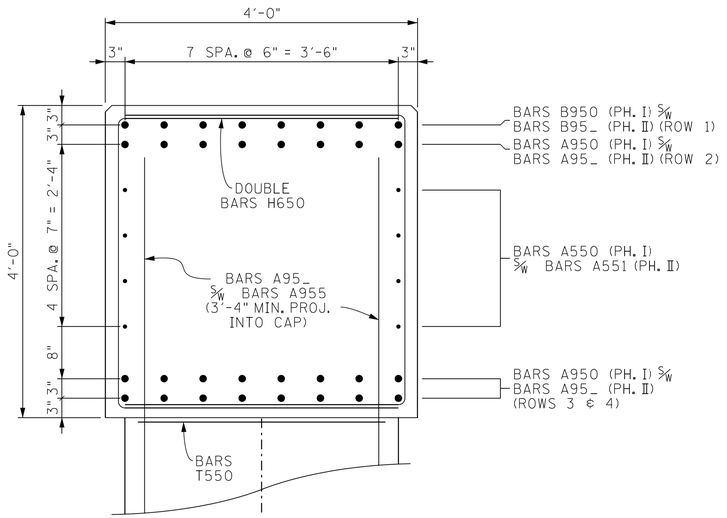
PIN NO.:	124721.00		
DESIGN BY:	D. BERWARY	DATE:	10-20
DRAWN BY:	T. WISEMAN	DATE:	11-23
SUPERVISED BY:	STEELE/STEPP	DATE:	11-23
CHECKED BY:	E. SLAYTON	DATE:	12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIERS NO. 1 AND NO. 2 DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

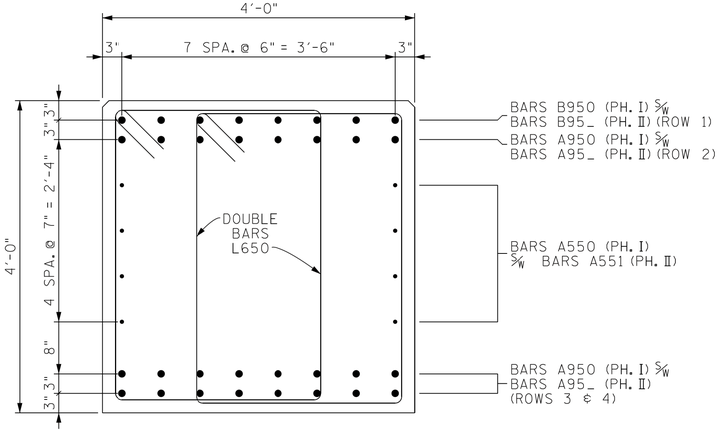
U-100-227

11/19/2025 7:17:40 AM



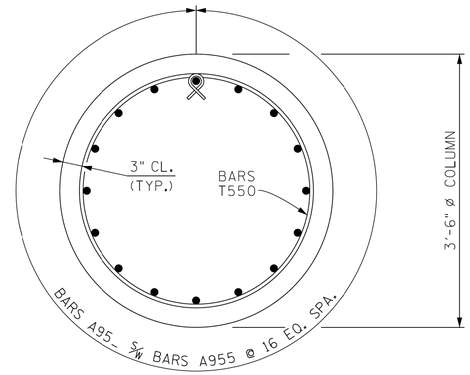
SECTION "A"-"A"

(TYP. @ COLUMNS)



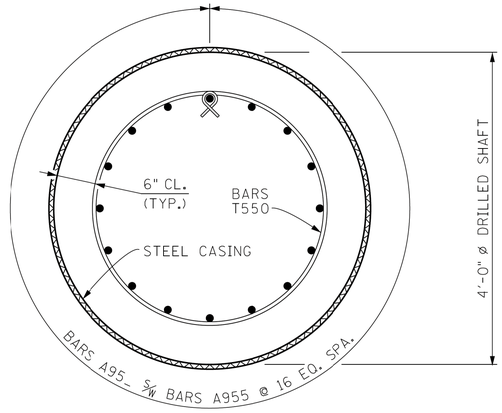
SECTION "B"-"B"

(TYP. BETWEEN COLUMNS)



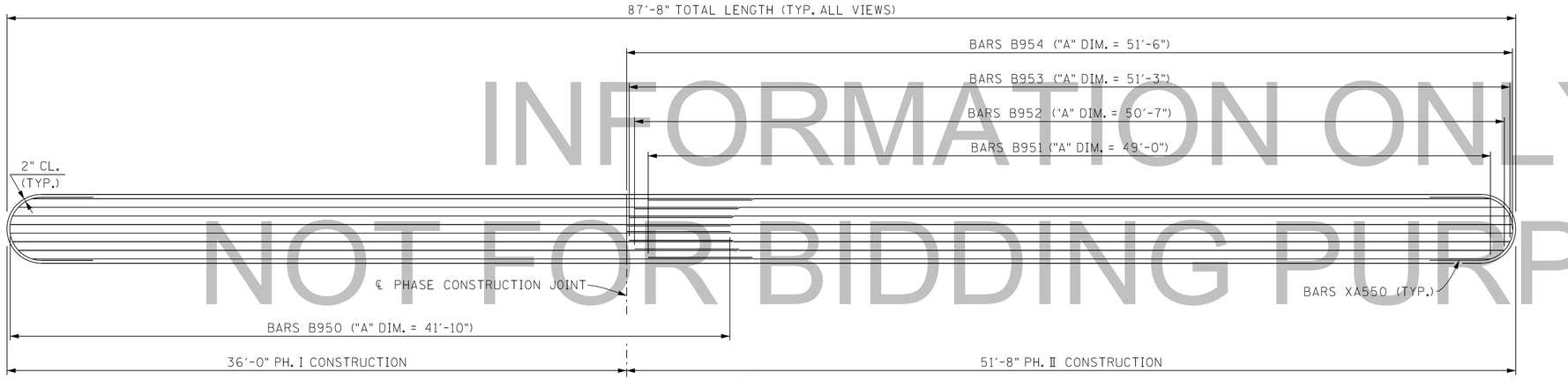
SECTION "C"-"C"

(SHOWING COLUMN)
(ROCK SOCKET SIMILAR)

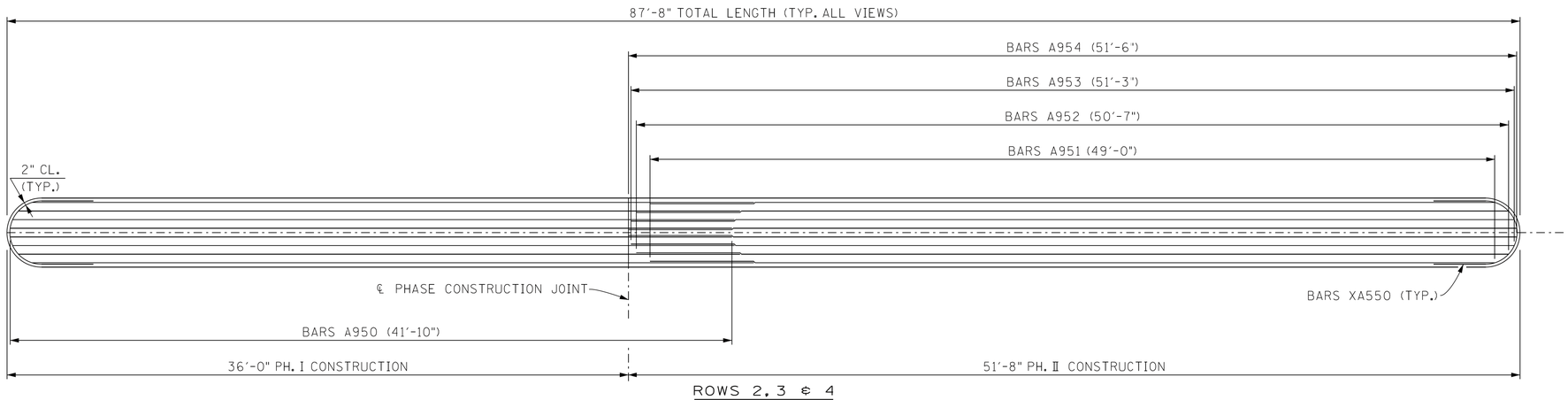


SECTION "D"-"D"

(SHOWING PERMANENT STEEL CASING)



ROW 1

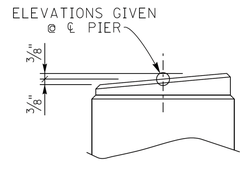


ROWS 2, 3 & 4

MAIN REINFORCEMENT

NOTE: 6'-0" BAR NO. 9 MIN. SPLICE (TYP. @ CAP)

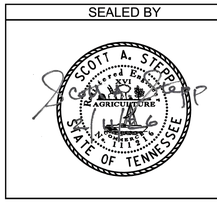
DIRECTION OF SURVEY



RISER BLOCK SLOPE DETAIL

(TYP. @ EACH RISER BLOCK)

SEALED BY



CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: T. WISEMAN DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIERS NO. 1 AND NO. 2 DETAILS
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-228

11/19/2025 7:19:44 AM

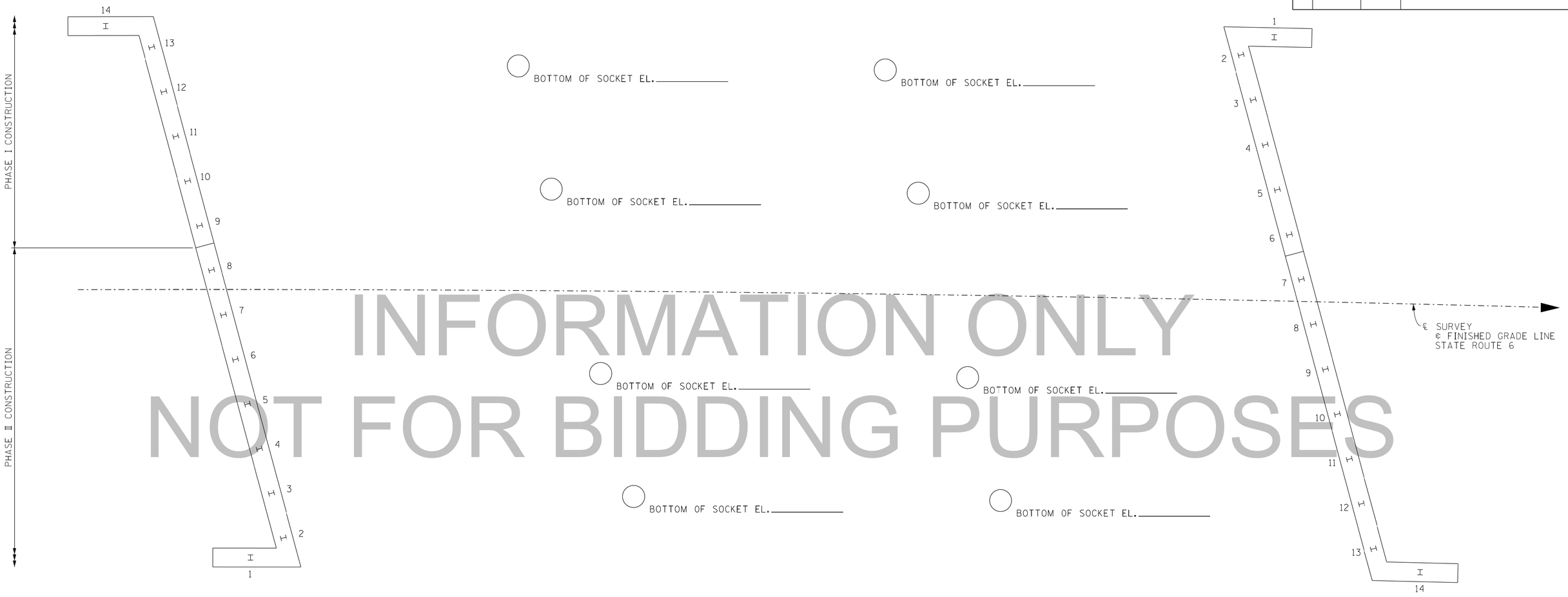
CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

INFORMATION ONLY
NOT FOR BIDDING PURPOSES



PLAN

TABLE OF PILE DATA

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

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: T. WISEMAN DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

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.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
FINAL FOUNDATION DATA
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

U-100-229

11/19/2025 7:22:03 AM

BILL OF STEEL

CONST. NO.: 83077-3220-94

PROJECT NO.	YEAR	SHEET NO.
R-BR-NH-6(128)	2026	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

SUPERSTRUCTURE (EPOXY)

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A400E	SIDEWALK/PATH	4	54					60'-0"
A401E	SIDEWALK/PATH	4	18					52'-9"
A402E	PATH	4	225					9'-8"
A403E	SIDEWALK/PATH	4	225					5'-8"
A500E	SLAB	5	520					37'-9"
A501E	SLAB	5	520					54'-5"
A502E	SLAB	5	240					60'-0"
A503E	SLAB	5	80					6'-8"
A504E	SLAB	5	172					39'-4"
A700E	SLAB	7	86					60'-0"
A701E	SLAB	7	86					46'-6"
A702E	SLAB	7	170					24'-0"
B571E	SLAB/PARAPET	5	708	3'-6"				4'-1"

SUPERSTRUCTURE

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A505	DIAPHRAGM	5	16					34'-9"
A506	DIAPHRAGM	5	16					52'-0"
L400	DIAPHRAGM	4	56	1'-8"	1'-2"			6'-5"
L401	DIAPHRAGM	4	36	1'-2"	1'-2"			5'-5"

ABUTMENT NO. 1

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A440	WINGWALL	4	11					2'-6"
A441	WINGWALL	4	4					11'-10"
A442	WINGWALL	4	11					2'-6"
A443	WINGWALL	4	4					12'-0"
A444	ROADWAY BRACKET	4	1					37'-2"
A445	ROADWAY BRACKET	4	1					50'-10"
A540	WING BEAM	5	2					13'-0"
A541	ABUTMENT BEAM	5	2					40'-1"
A542	ABUTMENT BEAM	5	2					53'-2"
A543	WING BEAM	5	2					13'-3"
A640	WINGWALL	6	11					2'-6"
A641	WINGWALL	6	4					11'-7"
A643	ENDWALL/ABUTMENT BEAM	6	8					3'-6"
A644	WINGWALL	6	11					2'-6"
A645	WINGWALL	6	4					12'-3"
A648	ENDWALL	6	6					40'-6"
A649	ENDWALL	6	6					52'-0"
A740	WING BEAM	7	10					13'-0"
A741	ABUTMENT BEAM	7	10					41'-3"
A742	ABUTMENT BEAM	7	10					53'-2"
A743	WING BEAM	7	10					13'-3"
B640	ENDWALL	6	6	5'-0"				5'-8"
H540	ROADWAY BRACKET/ENDWALL	5	86	2'-2"	6"			3'-2"
H640	WINGWALL/WING BEAM	6	22	1'-2"	3'-8"			8'-6"
H641	ENDWALL/ABUTMENT BEAM	6	86	1'-2"	4'-0"			9'-2"
L540	WING BEAMS/ABUTMENT BEAM	5	106	2'-8"	2'-8"			11'-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	PARAPET	5	36					4'-10"
A642E	ENDWALL	6	94					2'-5"
A646E	ENDWALL	6	2					39'-1"
A647E	ENDWALL	6	2					54'-6"
B570E	PARAPET	5	24	2'-6"				3'-4"
F640E	P.A.B.E.	6	87	1'-1"	1'-3"	1'-1"	1'-3"	4'-0"
R640E	SLAB/ENDWALL	6	86	2'-0"	2'-8"			4'-8"

ABUTMENT NO. 2

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A440	WINGWALL	4	11					2'-8"
A441	WINGWALL	4	4					11'-10"
A442	WINGWALL	4	11					2'-10"
A443	WINGWALL	4	4					12'-0"
A444	ROADWAY BRACKET	4	1					37'-7"
A445	ROADWAY BRACKET	4	1					50'-10"
A540	WING BEAM	5	2					13'-0"
A541	ABUTMENT BEAM	5	2					40'-7"
A542	ABUTMENT BEAM	5	2					53'-3"
A543	WING BEAM	5	2					13'-3"
A640	WINGWALL	6	11					2'-8"
A641	WINGWALL	6	4					11'-7"
A643	ENDWALL/ABUTMENT BEAM	6	8					3'-9"
A644	WINGWALL	6	11					2'-10"
A645	WINGWALL	6	4					12'-3"
A648	ENDWALL	6	6					40'-5"
A649	ENDWALL	6	6					52'-5"
A740	WING BEAM	7	10					13'-0"
A741	ABUTMENT BEAM	7	10					41'-9"
A742	ABUTMENT BEAM	7	10					53'-3"
A743	WING BEAM	7	10					13'-3"
B640	ENDWALL	6	6	5'-0"				5'-8"
H540	ROADWAY BRACKET/ENDWALL	5	86	2'-2"	6"			3'-2"
H640	WINGWALLS/WING BEAMS	6	22	1'-2"	3'-10"			8'-10"
H641	ENDWALL/ABUTMENT BEAM	6	86	1'-2"	3'-9"			8'-8"
L540	WING BEAMS/ABUTMENT BEAM	5	106	2'-8"	2'-8"			11'-10"
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	PARAPET	5	36					4'-10"
A642E	ENDWALL	6	94					2'-8"
A646E	ENDWALL	6	2					39'-1"
A647E	ENDWALL	6	2					54'-6"
B570E	PARAPET	5	24	2'-6"				3'-4"
F640E	P.A.B.E.	6	87	1'-1"	1'-3"	1'-1"	1'-3"	4'-0"
R640E	ENDWALL/SLAB	6	86	2'-0"	2'-8"			4'-8"

PIER NO. 1

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A550	CAP	5	8					37'-9"
A551	CAP	5	8					50'-0"
A950	CAP	9	24					41'-10"
A951	CAP	9	6					49'-0"
A952	CAP	9	6					50'-7"
A953	CAP	9	6					51'-3"
A954	CAP	9	6					51'-6"
A955	SHAFTS/SOCKETS	9	64					22'-11"
A956	COLUMNS/CAP	9	16					12'-2"
A957	COLUMNS/CAP	9	16					12'-8"
A958	COLUMNS/CAP	9	16					12'-11"
A959	COLUMNS/CAP	9	16					12'-7"
B950	CAP	9	8	41'-10"				43'-1"
B951	CAP	9	2	49'-0"				50'-3"
B952	CAP	9	2	50'-7"				51'-10"
B953	CAP	9	2	51'-3"				52'-6"
B954	CAP	9	2	51'-6"				52'-9"
H650	CAP	6	16	3'-8"	3'-7"			10'-10"
L650	CAP	6	290	2'-7"	3'-8"			13'-10"
T550	COLUMNS/SHAFTS/SOCKETS	5	112	3'-0"				10'-5"
XA550	CAP	5	16	3'-0"	1'-10"			11'-9"

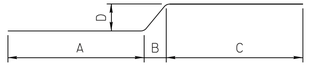
PIER NO. 2

BARS	LOCATION	SIZE	NO. REQ'D.	BENDING DIMENSIONS A	B	C	D	LENGTH (FEET)
A550	CAP	5	8					37'-9"
A551	CAP	5	8					50'-0"
A950	CAP	9	24					41'-10"
A951	CAP	9	6					49'-0"
A952	CAP	9	6					50'-7"
A953	CAP	9	6					51'-3"
A954	CAP	9	6					51'-6"
A955	SHAFTS/SOCKETS	9	64					26'-5"
A956	COLUMNS/CAP	9	16					13'-2"
A957	COLUMNS/CAP	9	16					13'-7"
A958	COLUMNS/CAP	9	16					13'-10"
A959	COLUMNS/CAP	9	16					13'-6"
B950	CAP	9	8	41'-10"				43'-1"
B951	CAP	9	2	49'-0"				50'-3"
B952	CAP	9	2	50'-7"				51'-10"
B953	CAP	9	2	51'-3"				52'-6"
B954	CAP	9	2	51'-6"				52'-9"
H650	CAP	6	16	3'-8"	3'-7"			10'-10"
L650	CAP	6	290	2'-7"	3'-8"			13'-10"
T550	COLUMNS/SHAFTS/SOCKETS	5	130	3'-0"				10'-5"
XA550	CAP	5	16	3'-0"	1'-10"			11'-9"

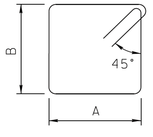
INFORMATION ONLY
NOT FOR BIDDING PURPOSES



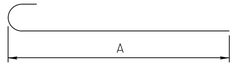
BARS A



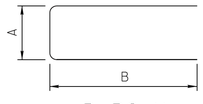
BARS F



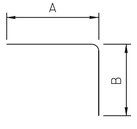
BARS L



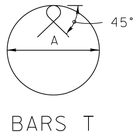
BARS B



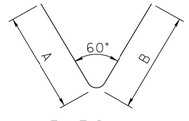
BARS H



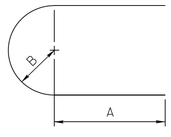
BARS R



BARS T



BARS VA



BARS XA

PIN NO.: 124721.00
DESIGN BY: D. BERWARY DATE: 10-20
DRAWN BY: T. WISEMAN DATE: 11-23
SUPERVISED BY: STEELE/STEPP DATE: 11-23
CHECKED BY: E. SLAYTON DATE: 12-23

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BILL OF STEEL
STATE ROUTE 6 OVER
EAST FORK STATION CAMP CREEK
BRIDGE ID NO. 83SR0060009
LOG MILE 11.91
STATION 629+37.50
SUMNER COUNTY

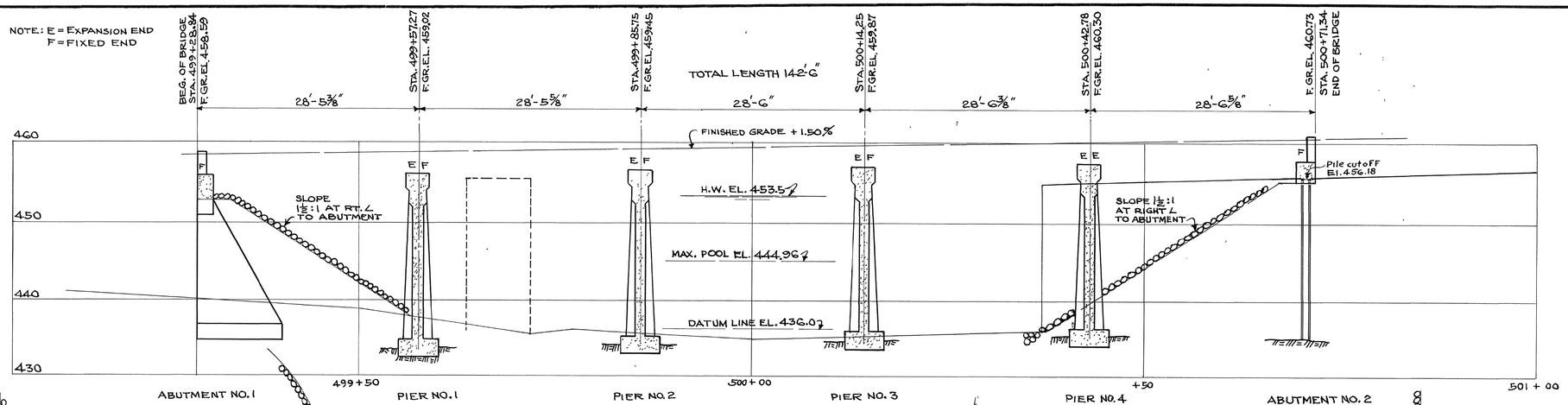
U-100-230

12/2/2025 1:46:01 PM

FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	32	175

F-016(3)175

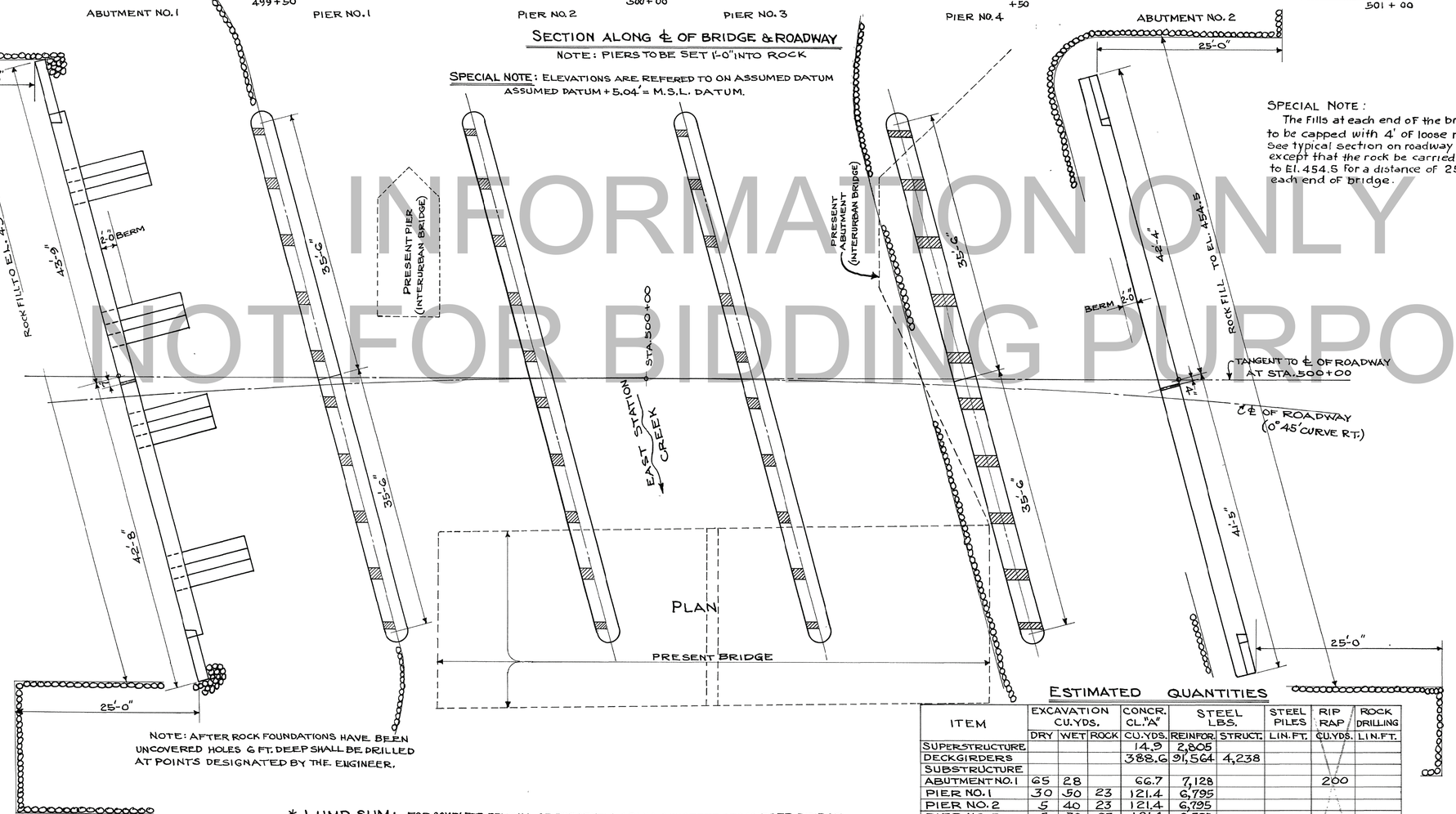
NOTE: E = EXPANSION END
F = FIXED END



SECTION ALONG ℄ OF BRIDGE & ROADWAY

NOTE: PIERS TO BE SET 1'-0" INTO ROCK

SPECIAL NOTE: ELEVATIONS ARE REFERED TO ON ASSUMED DATUM
ASSUMED DATUM + 5.04' = M.S.L. DATUM.



NOTE: AFTER ROCK FOUNDATIONS HAVE BEEN UNCOVERED HOLES 6 FT. DEEP SHALL BE DRILLED AT POINTS DESIGNATED BY THE ENGINEER.

SPECIAL NOTE:
The Fills at each end of the bridge to be capped with 4' of loose rock. See typical section on roadway plans, except that the rock be carried up to El. 454.5 for a distance of 25' from each end of bridge.

DESIGN DATA

DRAINAGE AREA	20860 ACS.
A FACTOR C = 1.0 IN TALBOTS FORMULA GIVES	
WATER AREA REQUIRED	1732 SQ. FT.
WATER AREA PROVIDED	1740 SQ. FT.

GENERAL NOTES

SPECIFICATIONS: STANDARD ROAD & BRIDGE SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS.
LOADING: H20-S16-44
CONCRETE TO BE CLASS "A"
REINFORCING STEEL: SEE SPECIFICATIONS.
FORMS & FINISH: SEE SPECIFICATIONS.
ROCK FOUNDATION: SEE SPECIFICATIONS.
COPPER FLASHING: FEDERAL SPECIFICATIONS QQ-C-501, TYPE V CLASS A.
PILES IN ABUTMENT NO. 2 TO BE STEEL (10"@42#).

SPECIAL NOTE:

STEEL PILES SHALL BE DRIVEN TO ROCK OR A MINIMUM BEARING OF 21 TONS.

LIST OF DRAWINGS

	DWG. NO.
HANDRAIL	E-2-87
DECKGIRDERS - 5-26' CLEAR SPANS	E-14-66 & E-14-67
ABUTMENT NO. 1	E-14-68
PIERS NO. 1-4	E-14-69
ABUTMENT NO. 2	E-14-70

15-3"x1'-0" TRANSITE DRAINS REQUIRED. DRAINS TO BE OMITTED OVER ROCK FILL AREAS.

2-26'-0" ROADWAYS + 4' MEDIAN STRIP + 5' SIDEWALKS

ESTIMATED QUANTITIES

ITEM	EXCAVATION CU. YDS. DRY	EXCAVATION CU. YDS. WET	EXCAVATION CU. YDS. ROCK	CONCR. CL. "A" CU. YDS.	STEEL LBS. REINFOR.	STEEL LBS. STRUCT.	STEEL PILES LIN. FT.	RIP RAP CU. YDS.	ROCK DRILLING LIN. FT.
SUPERSTRUCTURE				14.9	2,805				
DECKGIRDERS				388.6	91,564	4,238			
SUBSTRUCTURE									
ABUTMENT NO. 1	65	28		66.7	7,128			200	
PIER NO. 1	30	50	23	121.4	6,795				
PIER NO. 2	5	40	23	121.4	6,795				
PIER NO. 3	5	30	23	121.4	6,795				
PIER NO. 4	80	20	23	122.0	6,726				
ABUTMENT NO. 2	-	-	-	23.6	2,724			200	
TOTAL	185	168	92	980.0	131,332	4,238	210	400	120

* LUMP SUM: SEE NOTE AT LEFT.

NOTE: COST OF COPPER FLASHING, DRAINS & ALL JOINT MATERIAL TO BE INCLUDED IN THE UNIT PRICE BID FOR CLASS "A" CONCRETE.

* LUMP SUM: FOR COMPLETE REMOVAL OF PRESENT 2 SPANS CONCRETE DECKGIRDER BRIDGE 74' LONG, 20' ROADWAY, ON CONCRETE ABUTMENT & PIER AND THE PRESENT SUBSTRUCTURE OF THE OLD INTERURBAN BRIDGE.
THIS LUMP SUM SHALL ALSO INCLUDE THE REMOVAL OF THE PRESENT EMBANKMENT TO A SLOPE OF 1/2:1 AS SHOWN ON THIS SHEET.

DESIGNED BY		DATE
DRAWN BY	W/	DATE 12-23-52
TRACED BY	JWM	DATE 1-5-53
CHECKED BY		DATE

Revised 3/14/53 - Rock Fill

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

LAYOUT OF BRIDGE
STA. 499+28.84
EAST STATION CREEK
SUMNER COUNTY
1952

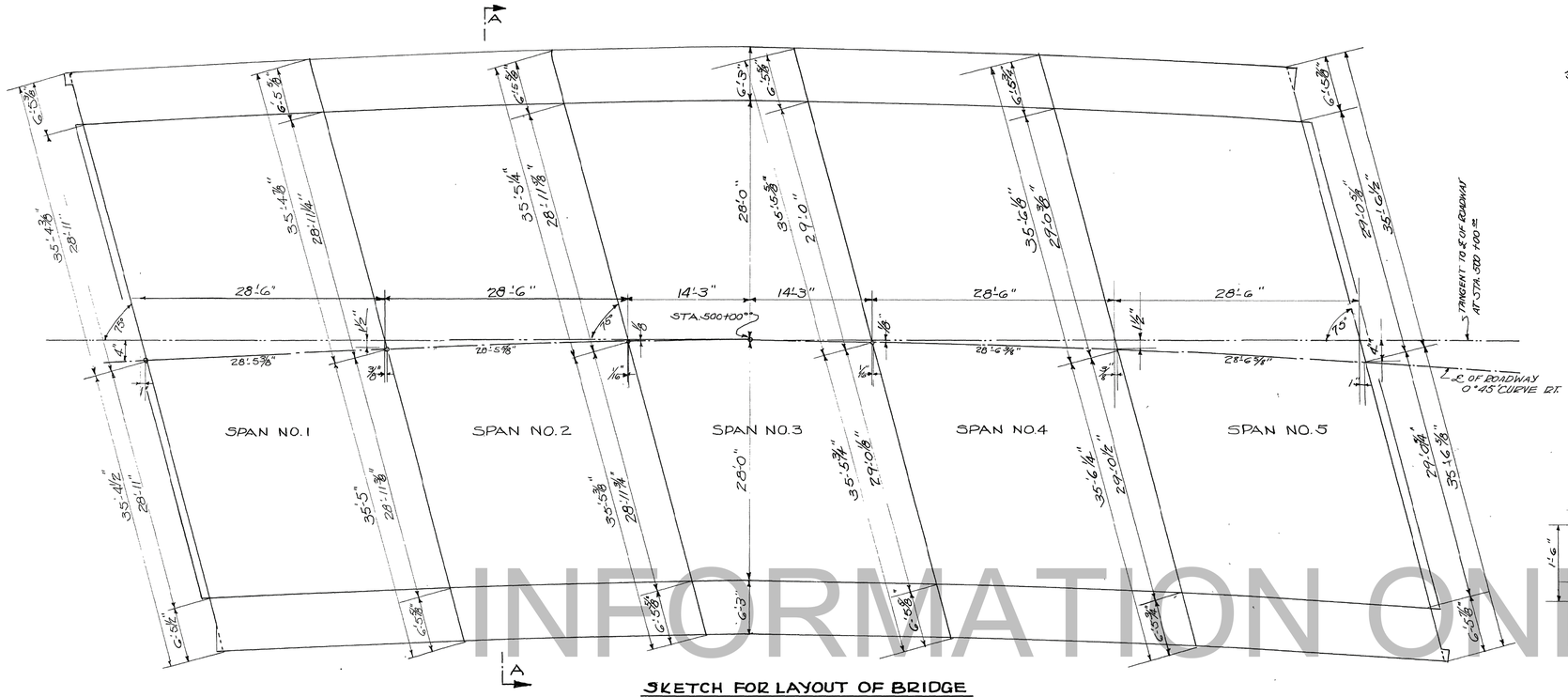
CORRECT L. W. Erickson
BRIDGE ENGINEER
APPROVED Herbert M. Bates
STATE HIGHWAY ENGINEER

E-14-65

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	TENN.		19	34	120

F-0006 3 (17)


A
SPAN NO.1
SPAN NO.2
SPAN NO.3
SPAN NO.4
SPAN NO.5
STA. 500+00
℄ OF ROADWAY 0°45' CURVE RT.
TANGENT TO ℄ OF ROADWAY AT STA. 500+00 ±
28'-6"
14'-3"
28'-0"
20'-5⅜"
20'-6⅜"
28'-5⅜"
35'-4⅜"
28'-11"
35'-5"
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35'-5¼"
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11'-0"
11'-0⅛"
11'-0¼"
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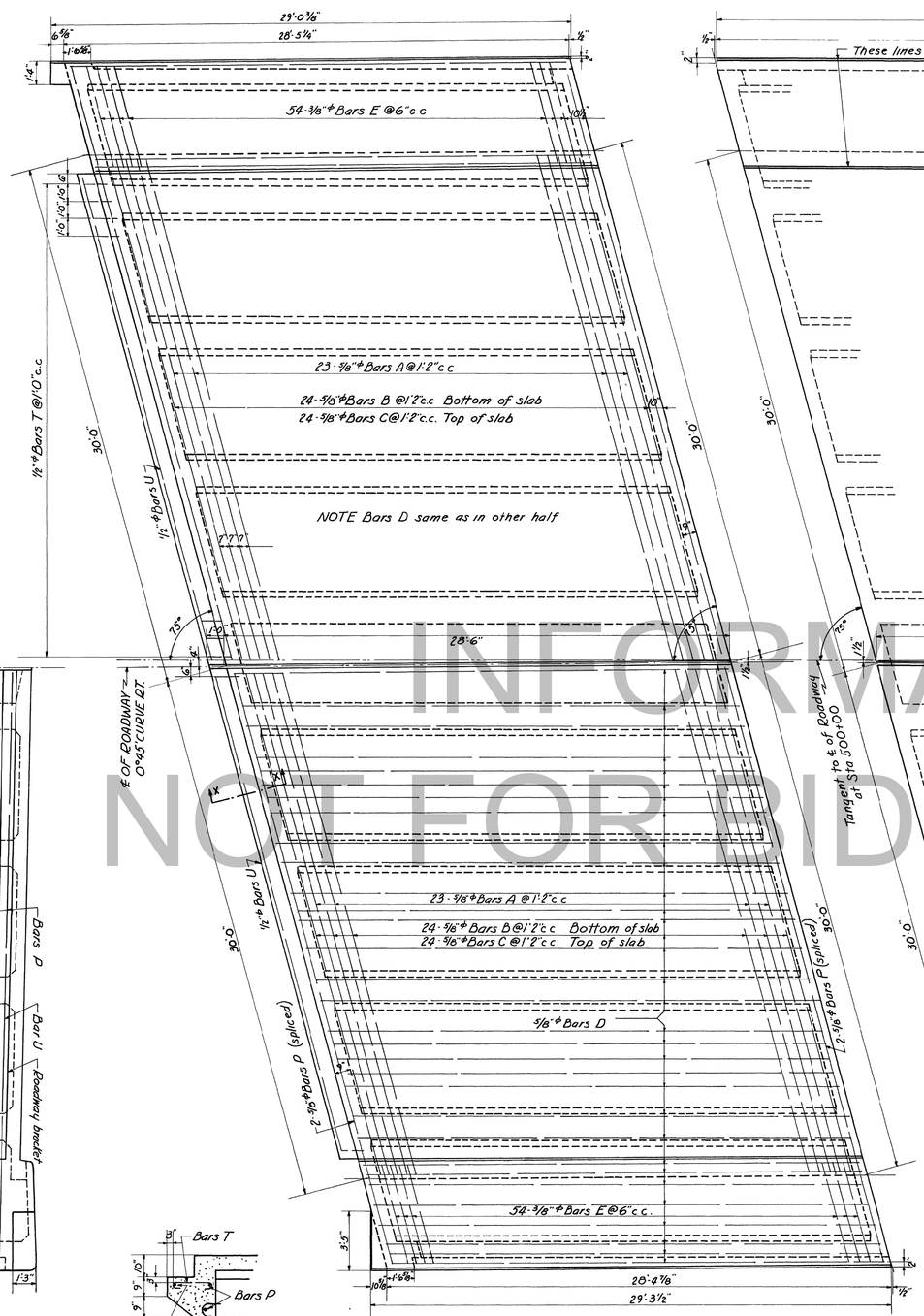
16'-0"
16'-0⅛"
16'-0¼"
16'-0⅜"
16'-0½"
16'-0⅝"
16'-0¾"
16'-0⅞"

FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	40	175

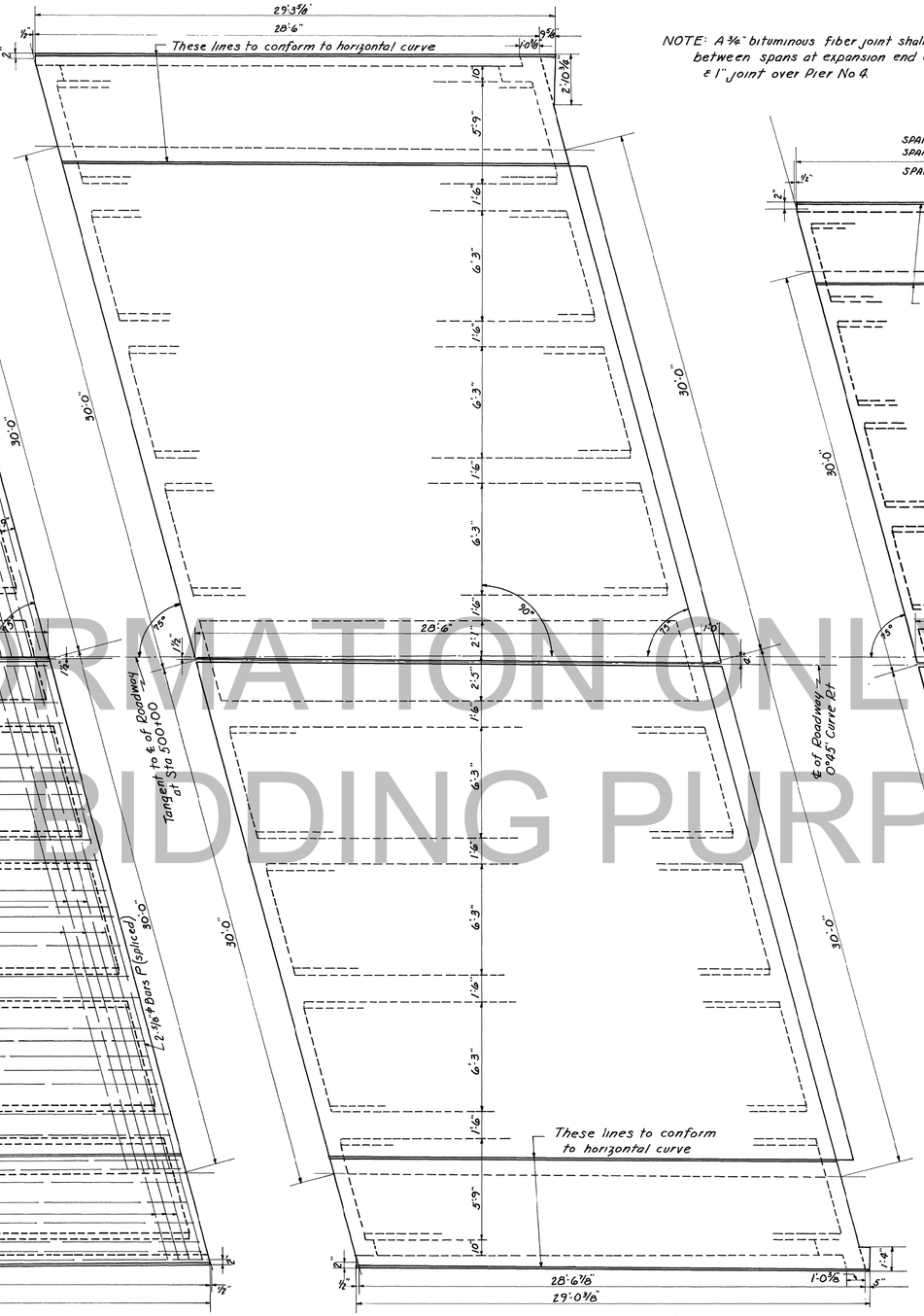
F-006-5 (17)

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

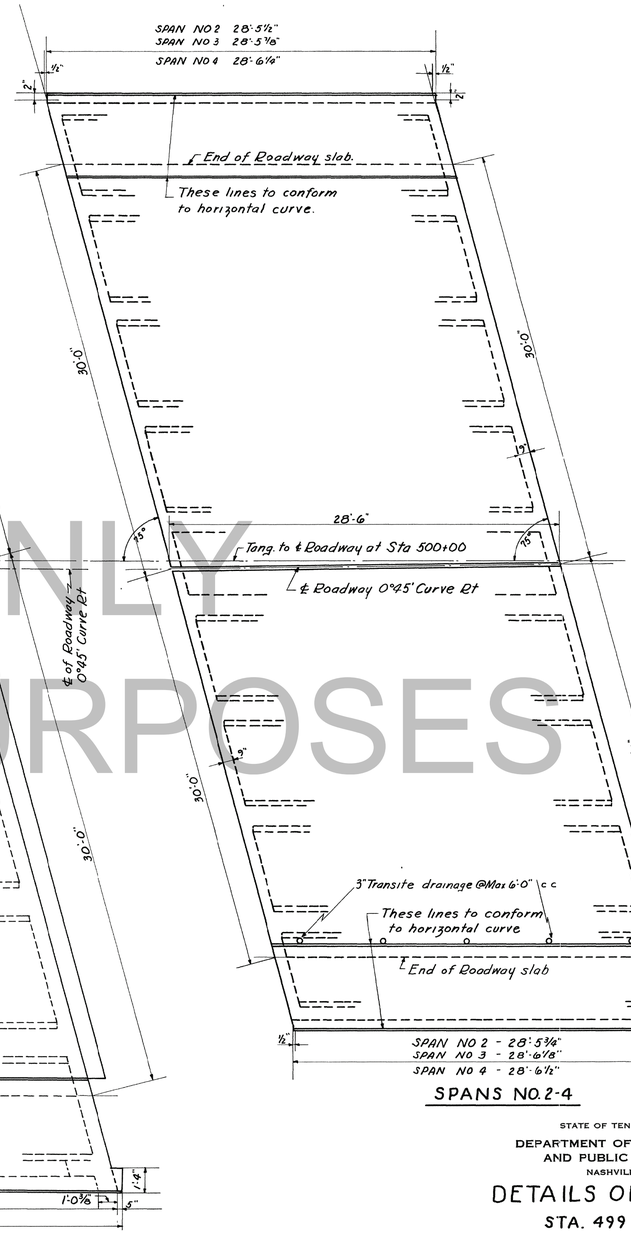
NOTE: A ¾" bituminous fiber joint shall be placed between spans at expansion end over Piers No 1, 2, & 3 & 1" joint over Pier No 4.



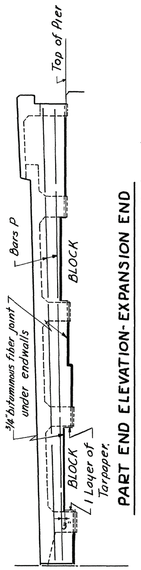
SPAN NO.1



SPAN NO.5

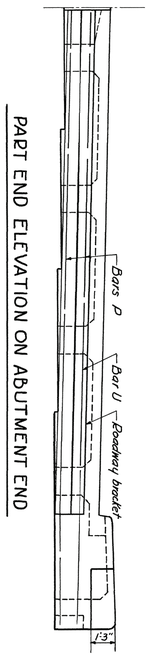


SPANS NO. 2-4



PART END ELEVATION-EXPANSION END

NOTE: Fixed end the same except no blocks & joint



PART END ELEVATION ON ABUTMENT END

SECTION X-X
Thru Roadway bracket

NOTE: All beams in all spans to be parallel to tangent at ℄ of Roadway at Sta 500+00
reinforcing steel in all spans the same as shown in Span No.1 except for Bars T & U.

NOTE: FOR DETAILS & DIMENSIONS NOT SHOWN SEE DWG. E-14-66

DESIGNED BY _____ DATE _____
DRAWN BY W. SUTER DATE 12-16-52
TRACED BY R.E. ALLEY DATE 2-17-53
CHECKED BY _____ DATE _____

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

DETAILS OF BRIDGE

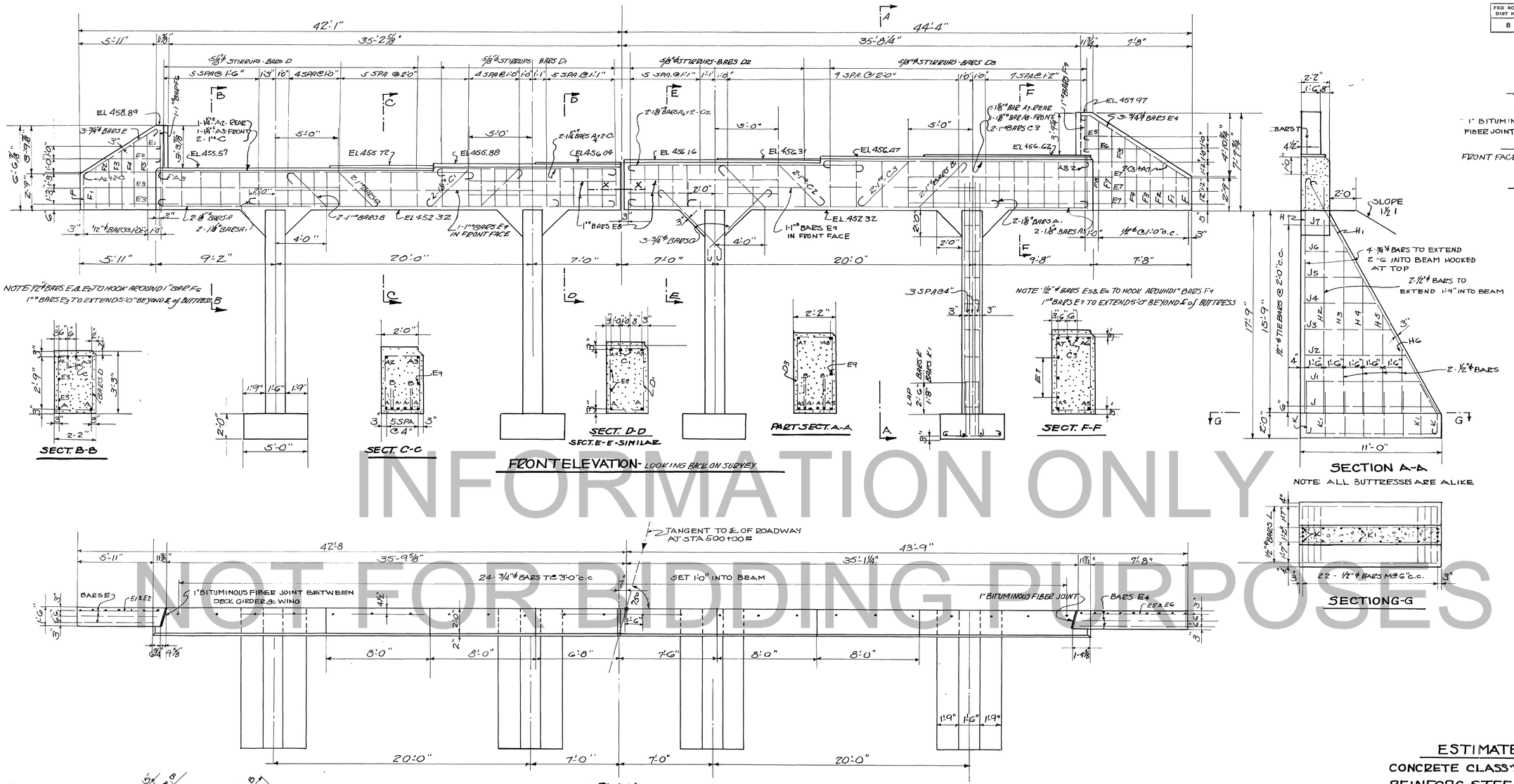
STA. 499+28 84
SUMNER CO.
1952

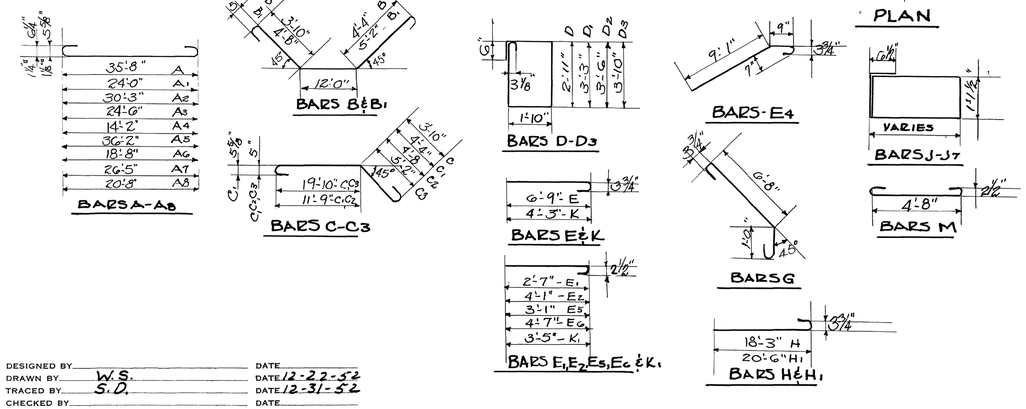
CORRECT L. W. Erickson BRIDGE ENGINEER
APPROVED Robert M. Bates STATE HIGHWAY ENGINEER

E-14-67

FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	H1	135

F-016-3(17)





BILL OF STEEL

BAR	NO.	SIZE	LENGTH	BAR	NO.	SIZE	LENGTH	BAR	NO.	SIZE	LENGTH
A	2	1⅛" □	37'-6"	E	3	3¼" ϕ	7'-5"	G	24	3¼" ϕ	9'-0"
A1	4	1⅛" □	25'-10"	E1	1	½" ϕ	3'-0"	H	16	3½" ϕ	18'-11"
A2	1	1¼" □	32'-3"	E2	1	½" ϕ	4'-6"	H1	16	3¼" ϕ	21'-2"
A3	1	1¼" □	26'-6"	E3	2	1" □	19'-10"	H2	8	½" ϕ	17'-6"
A4	2	1¼" □	16'-2"	E4	3	3¼" ϕ	10'-6"	H3	8	"	13'-0"
A5	2	1⅛" □	38'-0"	E5	1	½" ϕ	3'-6"	H4	8	"	10'-3"
A6	2	"	20'-6"	E6	1	½" ϕ	5'-0"	H5	8	"	7'-6"
A7	1	"	28'-3"	E7	3	1" □	22'-0"	HG	8	½" ϕ	5'-0"
A8	1	⅛" □	22'-6"	E8	4	1" □	11'-9"	J	4	½" ϕ	24'-3"
				E9	2	1" □	20'-0"	J1	4	"	22'-0"
B	2	1" □	21'-10"					J2	4	"	19'-9"
B1	2	1" □	23'-6"	F	2	½" ϕ	2'-6"	J3	4	"	17'-6"
C	2	1" □	25'-4"	F1	2	"	3'-3"	J4	4	"	15'-3"
C1	2	1⅛" □	17'-11"	F2	2	"	3'-9"	J5	4	"	13'-0"
C2	2	1" □	18'-1"	F3	2	"	4'-6"	J6	4	"	10'-9"
C3	2	1" □	26'-8"	F4	2	"	5'-0"	J7	4	½" ϕ	8'-6"
				F5	2	½" ϕ	5'-9"	K	32	¾" ϕ	4'-11"
D	14	⅝" ϕ	10'-6"	F6	1	1" □	6'-0"	K1	48	½" ϕ	3'-10"
D1	12	"	11'-2"	F7	1	½" ϕ	6'-3"	L	16	½" ϕ	10'-6"
D2	10	"	11'-8"	F8	1	½" ϕ	7'-0"	M	88	½" ϕ	5'-6"
D3	14	⅝" ϕ	12'-4"	F9	1	1" □	7'-3"	T	24	¾" ϕ	2'-0"

ESTIMATED QUANTITIES

CONCRETE CLASS "A" 667 CU.YDS.

REINFORC. STEEL 7,128 LBS.

DESIGNED BY _____ DATE _____

DRAWN BY W.S. DATE 12-22-52

TRACED BY S.D. DATE 12-31-52

CHECKED BY _____ DATE _____

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

ABUTMENT NO. 1

BRIDGE AT STA. 499+28.84
SUMNER CO.
1952

CORRECT L. M. Erickson BRIDGE ENGINEER

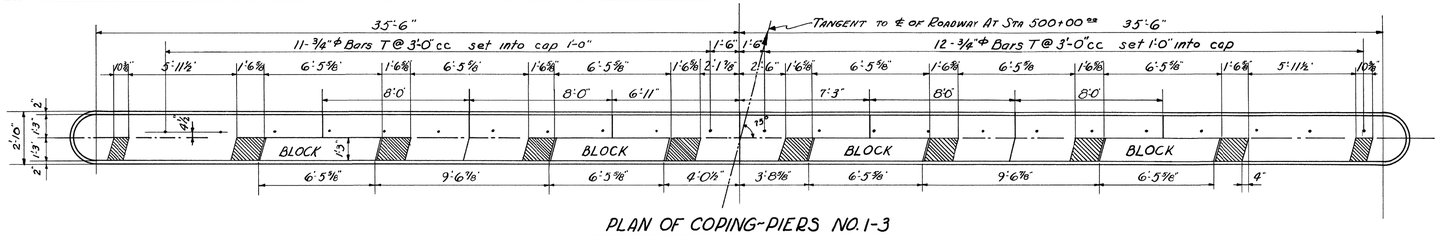
APPROVED Herbert M. Bates STATE HIGHWAY ENGINEER

E-14-68

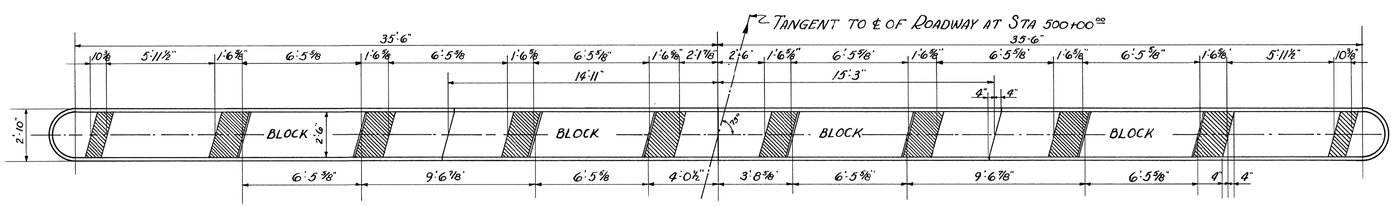
INFORMATION ONLY
NOT FOR BIDDING PURPOSES

FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	42	133

F-606 2-133

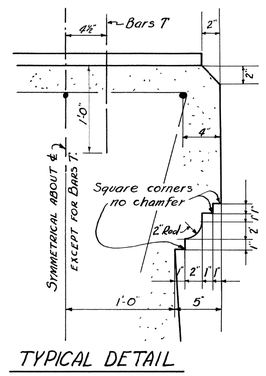


PLAN OF COPING-PIERS NO. 1-3

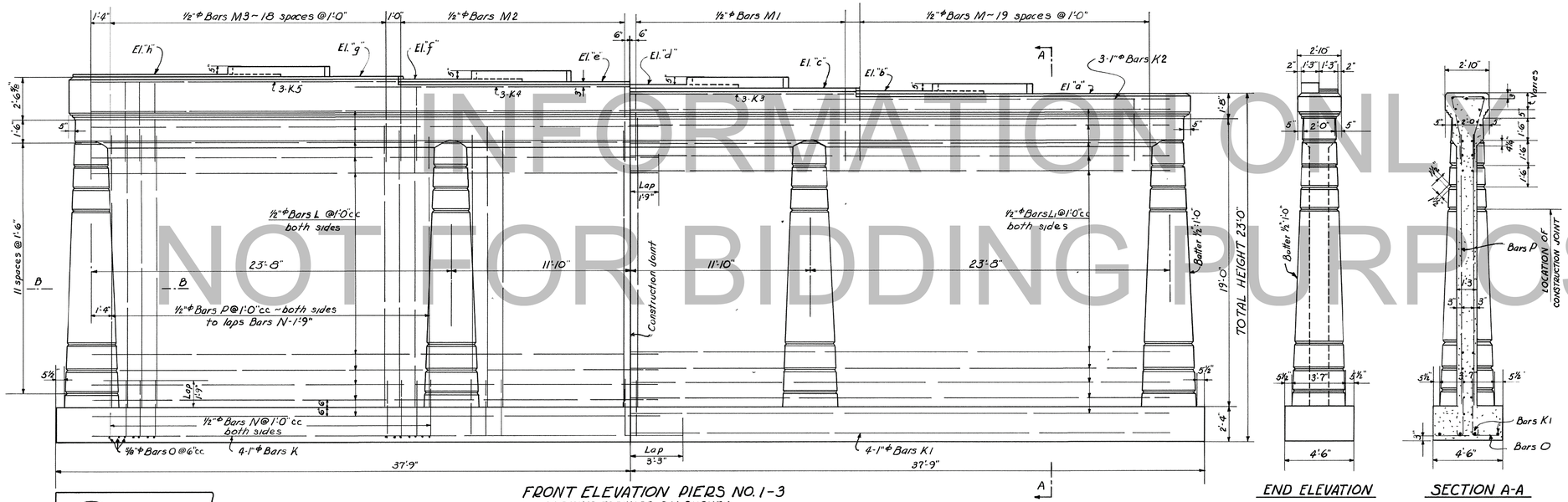


PLAN OF COPING - PIER NO. 4

NOTE: When pouring cap provision shall be made for setting bolts for bearing plates location of which is shown on this sheet.



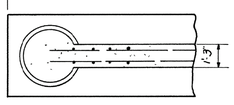
TYPICAL DETAIL



FRONT ELEVATION PIERS NO. 1-3

LOOKING FORWARD ON SURVEY

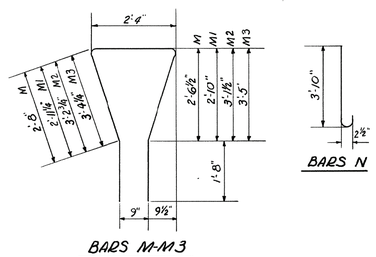
NOTE: PIER No 4 SIMILAR.



PART SECTION B-B

END ELEVATION

SECTION A-A



BARS M-M3

BARS N

TABLE OF BRIDGE SEAT ELEVATIONS

PIER	El. "a"	El. "b"	El. "c"	El. "d"	El. "e"	El. "f"	El. "g"	El. "h"
NO 1	455.98	456.13	456.29	456.44	456.56	456.72	456.88	457.03
NO 2	456.41	456.56	456.72	456.87	456.99	457.15	457.30	457.46
NO 3	456.84	456.99	457.15	457.30	457.42	457.57	457.73	457.88
NO 4	457.27	457.42	457.57	457.73	457.85	458.00	458.16	458.31

BILL OF STEEL
PIER NO. 4

BAR	NO	SIZE	LGTH
K	4	1"ϕ	38'-9"
K1	4	"	35'-6"
K2	3	"	23'-9"
K3	3	"	14'-6"
K4	3	"	18'-0"
K5	3	1"ϕ	20'-0"
L	92	½"ϕ	37'-3"
L1	92	½"ϕ	35'-6"
M	20	"	11'-0"
M1	26	"	11'-8"
M2	28	"	12'-2"
M3	19	"	12'-5"
N	132	½"ϕ	4'-3"
O	129	⅜"ϕ	4'-3"
P	132	½"ϕ	18'-0"

NOTE Bill of steel for Piers No. 1, 2 & 3 same as above except add 23-⅜"ϕ x 2'-0" Bars T to each pier.

ESTIMATED QUANTITIES

PIER	NO. 1	NO. 2	NO. 3	NO. 4
CONCRETE CL. "A" CU. YDS.	121.4	121.4	121.4	122.0
REINF. STEEL LBS.	6,795	6,795	6,795	6,726

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 joints between the successive lifts will be made at the apex of the bead as shown.

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

PIERS NO. 1-4

BRIDGE AT STA. 499+28 BK

SUMNER CO.

1952

CORRECT L. N. Erickson BRIDGE ENGINEER

APPROVED Herbert D. McPeters STATE HIGHWAY ENGINEER

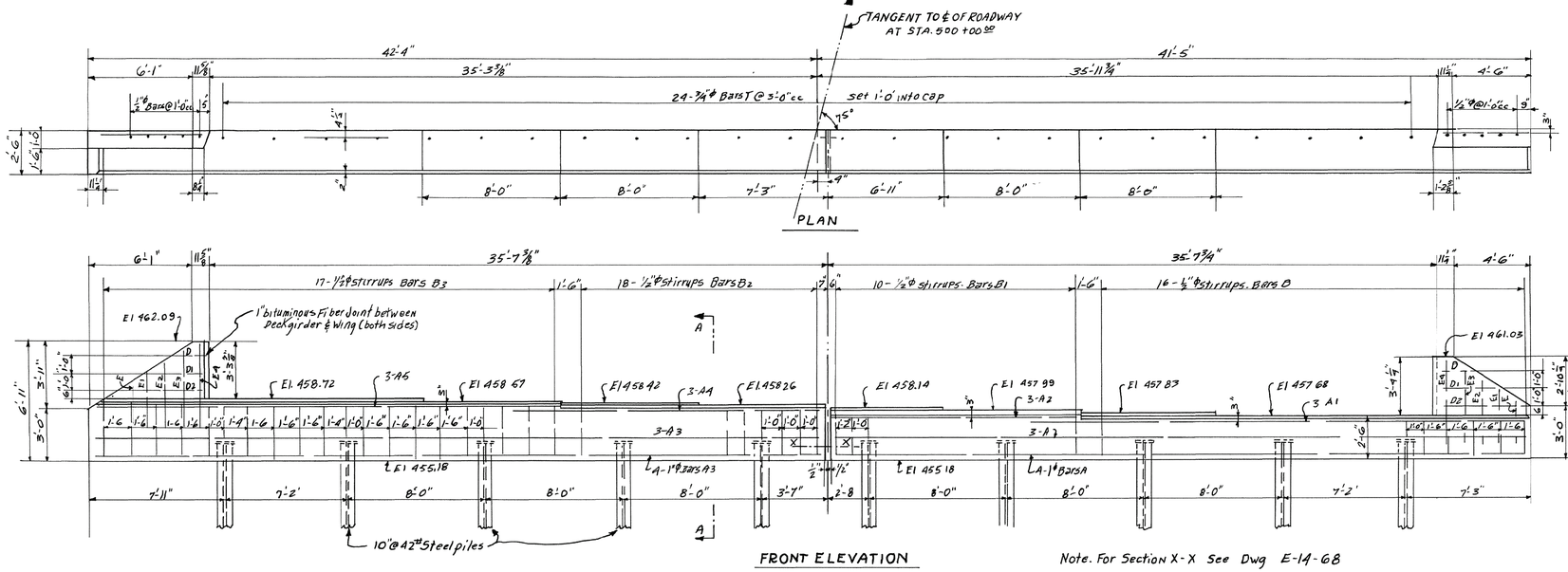
E-14-69

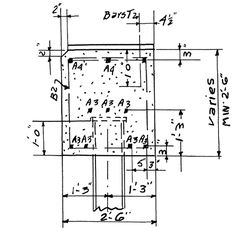
DESIGNED BY _____ DATE _____
DRAWN BY W. Suter DATE 12-17-52
TRACED BY R.E. Alley DATE 12-31-52
CHECKED BY _____ DATE _____

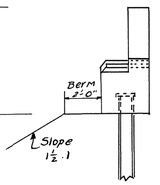
INFORMATION ONLY
NOT FOR BIDDING PURPOSES

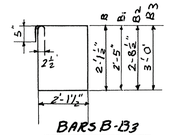
FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	TENN.		19	H3	155

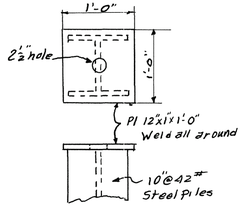
INFORMATION ONLY
NOT FOR BIDDING PURPOSES









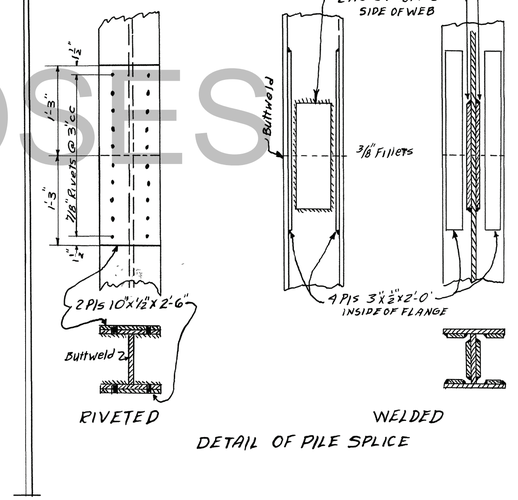


BILL OF STEEL

BAR	No	SIZE	LENGTH
A	1	1"ϕ	40'-6"
A1	3	"	29'-0"
A2	3	"	14'-6"
A3	7	"	42'-3"
A4	3	"	18'-3"
A6	3	1"ϕ	26'-6"
B	16	1½"ϕ	9'-9"
B1	10	"	9'-11"
B2	10	"	10'-6"
B3	17	1½"ϕ	11'-1"
D	2	1½"ϕ	1'-6"
D1	2	"	3'-0"
D2	2	1½"ϕ	3'-6"
E	2	1½"ϕ	2'-6"
E1	2	"	3'-0"
E2	2	"	3'-9"
E3	2	"	4'-3"
EA	2	1½"ϕ	4'-9"
T	24	¾"ϕ	2'-0"

ESTIMATED QUANTITIES

CONCRETE CLASS "A" 23.6 CU. YDS.
REINFORCING STEEL 2,724 LBS.



STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

ABUTMENT NO. 2
BRIDGE AT STA. 499+28.84
SUMNER CO.
1952

DESIGNED BY _____ DATE _____
DRAWN BY W.S. DATE 12-18-52
TRACED BY N.V.D. DATE 2-13-53
CHECKED BY _____ DATE _____

CORRECT L. M. Erickson BRIDGE ENGINEER
APPROVED Herbert S. McYates STATE HIGHWAY ENGINEER

E-14-70



THIS DOCUMENT HAS BEIN DIGITALLY SIGNED AND SEALED BY:

Travis Smith
Travis Smith
2026.03.26 14:11:45 -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-6

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

YEAR	PROJECT NO.	SHEET NO.
2026	R-BR-NH-6(128)	GEOTECH-SIGN1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

$$$$$SYTIME$$$$$$$
N:\Geotech\Files\Region 3\83-Sumner\FY2021\83204211\Bridge & Approaches\02-CADD\02-Geo Drawing Sheets\Rock Buttress

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	R-BR-NH-6(128)	G1
PS&E	2026	R-BR-NH-6(128)	G1

GEOTECHNICAL INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET	GEOTECH-SIGN1
GEOTECHNICAL INDEX	G-1
GEOTECHNICAL NOTES AND TABULATED QUANTITIES SHEET	G-2
GEOTECHNICAL BORING LAYOUTS	G-3
GEOTECHNICAL BORING PROFILES	G-4
GEOTECHNICAL TYPICAL SECTIONS	G-5
GEOTECHNICAL OFFSET BASIN	G-6

INFORMATION ONLY

NOT FOR BIDDING PURPOSES

STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

GEOTECHNICAL
INDEX

CELL BDRSG

$$$$$SYTIME$$$$$$$

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	R-BR-NH-6(128)	G2
PS&E	2026	R-BR-NH-6(128)	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 GEOTECHNICAL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)	203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	3455
(1)	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	2417

FOOTNOTES:

(1) THIS ITEM TO BE USED BETWEEN STATION 626+00 AND STATION 628+50 OR OTHERWISE AS DIRECTED BY ENGINEER FOR THE STABILIZATION OF SUBGRADE.

NOTES

GRADED SOLID ROCK PADS WILL BE REQUIRED:

* 626+00 TO 628+50

INFORMATION ONLY
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SEALED BY

TRAVIS W. SMITH
REGISTERED ENGINEER
AGRICULTURE
STATE OF TENNESSEE
03/26/2026

STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

GEOTECHNICAL NOTES & EST. QTYS.

CELL BDRSG
$$$$SYTIME$$$$$$
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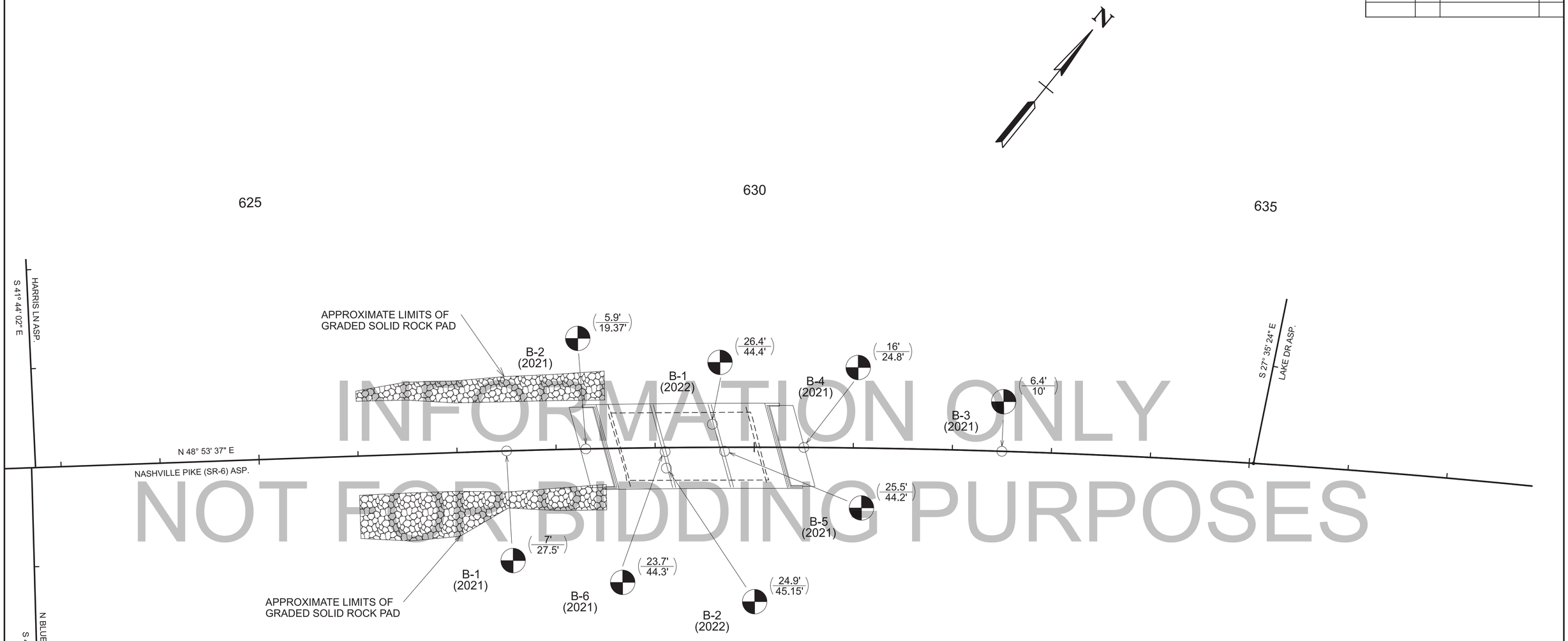
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	R-BR-NH-6(128)	G3
PS&E	2026	R-BR-NH-6(128)	G3



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03/26/2026

LEGEND

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL
BORING LAYOUT

CELL BDRSG
$$$$$SYTIME$$$$$$$
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	R-BR-NH-6(128)	G4
PS&E	2026	R-BR-NH-6(128)	G4

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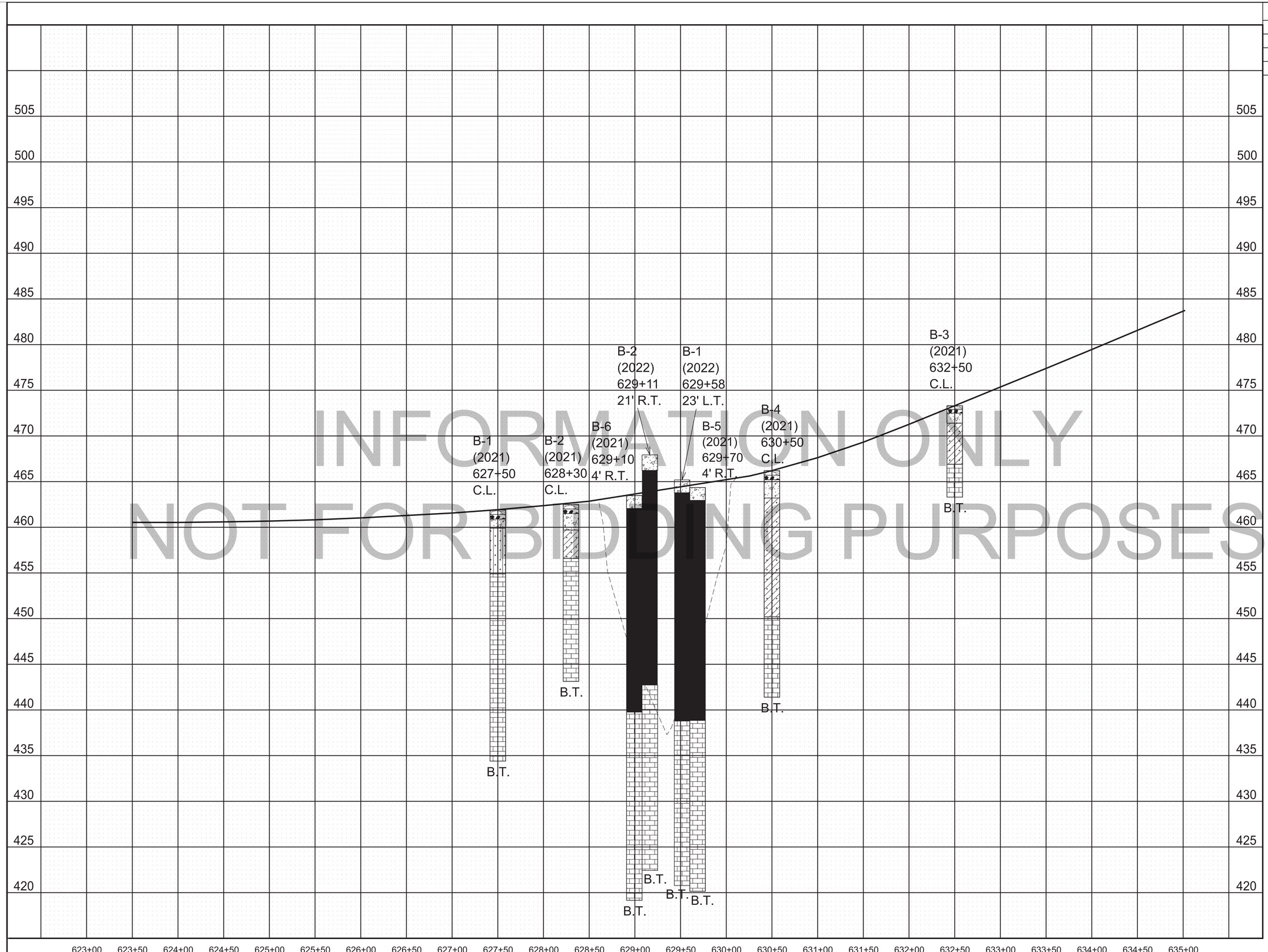
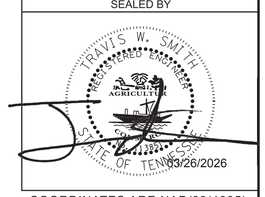


LEGEND

- ASPHALT
- BASESTONE
- CONCRETE/ BRIDGE DECKING
- SAND WITH SILT (TYPE A MATERIAL)
- LIMESTONE (TYPE B MATERIAL)
- SANDY CLAY W/GRAVEL (TYPE A MATERIAL)
- BRIDGE CLEARANCE

TYPE MATERIAL-SEE DEFINITION OF EARTHWORK TERMS ON NOTES AND GEOTECHNICAL EST. QTYS. SHEET.
B.T.= BORING TERMINATED

SEALED BY



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

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL BORING PROFILE

CELL MGRID
$$$$$SYTIME$$$$$$$
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	R-BR-NH-6(128)	G5
PS&E	2026	R-BR-NH-6(128)	G5

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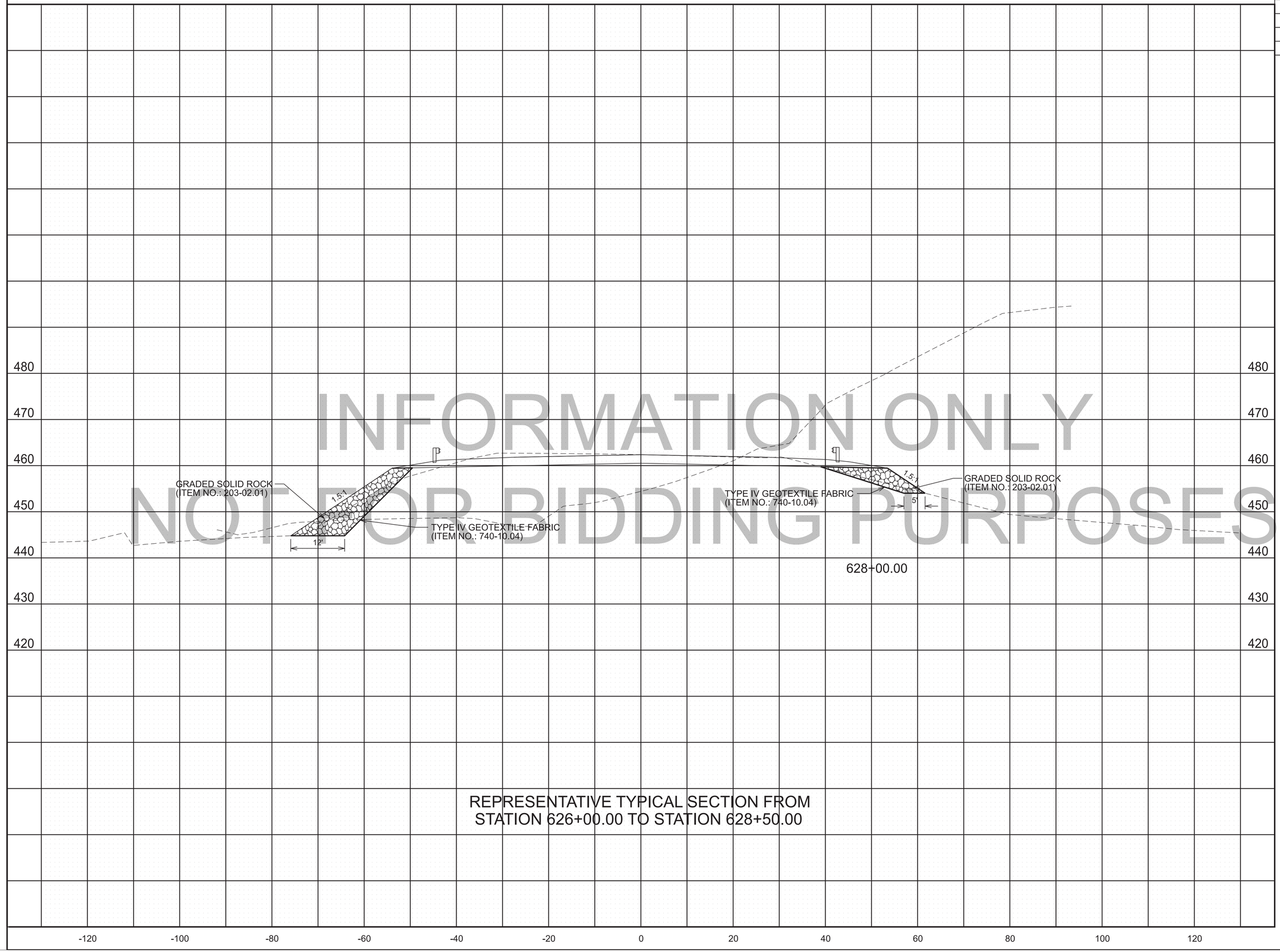

REPRESENTATIVE TYPICAL SECTION FROM
STATION 626+00.00 TO STATION 628+50.00

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL
TYPICAL SECTIONS

CELL MGRID

$$$$$YTIME$$$$$$$

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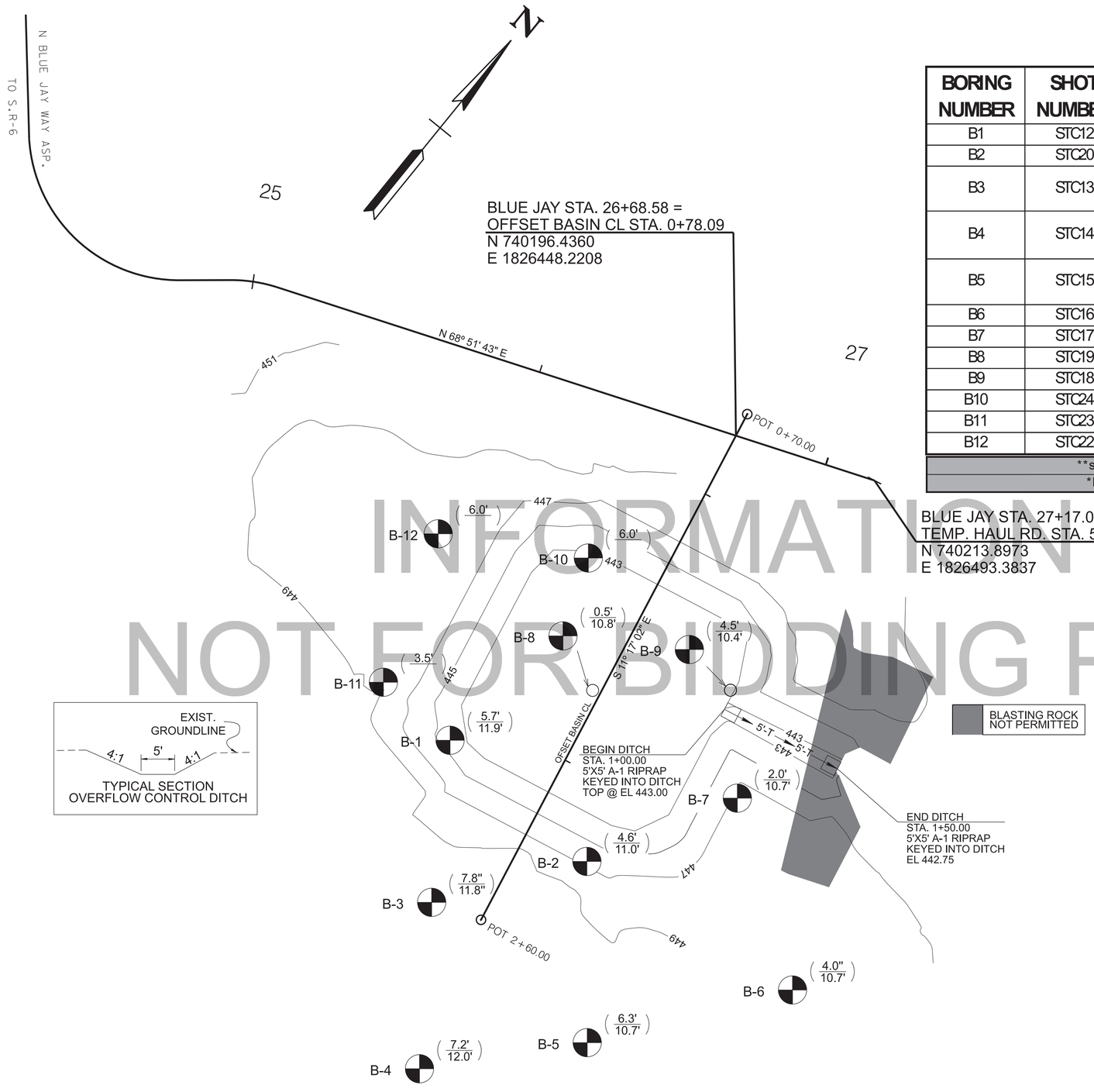
TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	R-BR-NH-6(128)	G6
PS&E	2026	R-BR-NH-6(128)	G6

BORING NUMBER	SHOT NUMBER	ELEV.	**STN**	**OFFSET**	LT/RT	ROCK DEPTH	ROCK ELEV.	TOTAL DEPTH	BTTM. ELEV.
B1	STC12	448.54	2+11.98	36.92	RT	5.7	442.84	11.9	436.64
B2	STC20	448.60	2+26.41	22.11	LT	4.6	444.00	11	437.60
B3	STC13	449.62	*off chain* N740012.211 / E1826467.402		RT	7.8	441.82	11.8	437.82
B4	STC14	449.76	*off chain* N739966.7144 / E1826499.118		LT	7.2	442.56	12	437.76
B5	STC15	449.26	*off chain* N740008.5959 / E1826536.9673		LT	6.3	442.96	10.7	438.56
B6	STC16	448.97	2+32.35	102.52	LT	4	444.97	10.7	438.27
B7	STC17	447.06	1+84.49	56.57	LT	2.2	444.86	10.7	436.36
B8	STC19	447.68	1+75.22	2.70	RT	0.5	447.18	10.8	436.88
B9	STC18	447.96	1+53.79	37.83	LT	4.5	443.46	10.4	437.56
B10	STC24	447.12	1+36.94	24.48	RT	6	441.12	6	441.12
B11	STC23	448.70	2+05.25	72.40	RT	3.5	445.20	3.5	445.20
B12	STC22	447.14	1+53.08	65.53	RT	6	441.14	6	441.14

station/offset based on "BASINCL" chain
B3, B4, B5 are south of "BASINCL" chain



EXIST. GROUNDLINE
4:1 5' 4:1
TYPICAL SECTION
OVERFLOW CONTROL DITCH

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SCALE 1"=20'

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TRAVIS W. SMITH
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AGRICULTURE
STATE OF TENNESSEE
03/26/2026

LEGEND

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

B-1 (24.5') — BORING LOCATION WITH DEPTH TO REFUSAL

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOTECHNICAL
OFFSET BASIN

CELL BDRSG
$$$$$SYTIME$$$$$$$
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TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(128)	
PS&E .	2026	R-BR-NH-6(128)	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): 5.437 ACRES

2.3. TOTAL AREA TO BE DISTURBED (5.5.1.b): 4.925 ACRES

2.4. PROJECT DESCRIPTION (5.5.1.a):

TITLE: STATE ROUTE 6 (NASHVILLE PIKE), BRIDGE OVER EAST FORK STATION CAMP CREEK AT LOG MILE 11.91
COUNTY: SUMNER
PIN: 124721.00

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) 10, 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)
ARMOUR SILT LOAM, 2-5% SLOPES	B	1.79	0.43
ARRINGTON SILT LOAM, 0-2% SLOPES, OCCASIONALLY FLOODED	B	42.86	0.37
MIMOSA-URBAN LAND COMPLEX, 2-15% SLOPES	C	41.07	0.37
BARFIELD-ROCK OUTCROP COMPLEX, 5-20% SLOPES	D	7.14	0.28
WATER	-	7.14	-

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	2.03	39.3		0.9
GRAVEL	0.03	0.6		0.5
OPEN GRASSED AREAS	1.49	28.8		0.4
FORESTED AREAS	1.62	31.3		0.3
WATER	0.27	-		-
WEIGHTED CURVE NUMBER OR C-FACTOR =				0.57

RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS				
AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACTOR
PAVEMENT	2.03	38.9		0.9
RIPRAP	0.5	9.6		0.7
GRAVEL	0.03	0.6		0.5
OPEN GRASSED AREAS	2.15	41.2		0.4
FORESTED AREAS	0.51	9.7		0.3
WATER	0.22	-		-
WEIGHTED CURVE NUMBER OR C-FACTOR =				0.61

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 10 & 11)

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	EAST FORK STATION CAMP CREEK	YES	NO	YES	NO
N/A	OLD HICKORY RESERVOIR	NO	NO	NO	YES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

INFORMATION ONLY
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TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(128)	
PS&E .	2026	R-BR-NH-6(128)	S-2

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 5-YEAR, 24 HOUR STORM EVENT (5.5.3.5., 6.4.1.b).

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

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

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

INFORMATION ONLY
NOT FOR BID PURPOSES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(128)	
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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 7 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 9A (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.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T.	DESIGN DIVISION	FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(128)	
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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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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T.	DESIGN DIVISION	FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(128)	
PS&E .	2026	R-BR-NH-6(128)	S-5

10.3. OTHER ITEMS NEEDING CONTROL (5.5.3.7.)

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

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

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

10.4. WASTE MATERIALS (5.5.3.7.c)

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

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

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

10.6. SANITARY WASTE (5.5.3.7.b)

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

10.7. OTHER MATERIALS

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

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

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

11. NON-STORMWATER DISCHARGES (5.5.3.12.)

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

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

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

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

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

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

☐ YES ☒ NO

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

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

12.1. SPILL PREVENTION (5.5.3.7.c)

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

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

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

12.2. MATERIAL MANAGEMENT

12.2.1. HOUSEKEEPING

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

12.2.2. HAZARDOUS MATERIALS

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

12.3. PRODUCT SPECIFIC PRACTICES

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

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

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

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

12.4. SPILL MANAGEMENT

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

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

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

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

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

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

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

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

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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.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

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.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	BR-NH-6(128)	
PS&E .	2026	R-BR-NH-6(128)	S-8

17. OUTFALL TABLE (5.5.1.c, 6.4.1.e, 6.4.1.f)

OUTFALL LABEL	SUB OUT-FALL	STATION CL, LT OR RT	SLOPE WITHIN ROW (%)	STAGE 1 DRAINAGE AREA (AC)	STAGE 2 DRAINAGE AREA (AC)	STAGE 3 DRAINAGE AREA (AC)	SEDIMENT BASIN OR EQUIVALENT MEASURE(S) (YES, NO OR N/A)	SEDIMENT TRAP OR EQUIVALENT MEASURE(S) (YES, NO OR N/A)	RECEIVING RESOURCE (TDOT EBR LABEL) OR OTHER	COMMENTS
OUT-1		625+15.00, 83.41' LT	5.495	0.143	STAGE 2A: 0.143 STAGE 2B: 0.143	0.143	N/A	N/A	STR-1 (EAST FORK STATION CAMP CREEK)	
OUT-2		625+51.88, 83.75' LT	4.831	0.092	STAGE 2A: 0.092 STAGE 2B: 0.092	0.092	N/A	N/A	STR-1 (EAST FORK STATION CAMP CREEK)	
OUT-3		631+21.18, 101.61' LT	6.692	1.190	STAGE 2A: 1.190 STAGE 2B: 1.190	1.190	N/A	N/A	STR-1 (EAST FORK STATION CAMP CREEK)	
OUT-4		630+60.08, 69.40' RT	3.335	3.102	STAGE 2A: 3.102 STAGE 2B: 3.102	3.102	N/A	N/A	STR-1 (EAST FORK STATION CAMP CREEK)	
OUT-5		627+18.93, 94.86' RT	12.754		STAGE 2A: N/A STAGE 2B: 0.208	0.208	N/A	N/A	STR-1 (EAST FORK STATION CAMP CREEK)	
OUT-6		27+33.58, 94.25' RT	3.570		0.787	0.787	N/A	N/A	STR-1 (EAST FORK STATION CAMP CREEK)	

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U1-1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

SUMNER COUNTY

S.R. 6: (NASHVILLE PIKE) BRIDGE OVER
EAST FORK STATION CAMP CREEK,
L.M. 11.91 IN GALLATIN (IA) (GFT-26)

PS&E
BRIDGE REPLACEMENT

STATE HIGHWAY NO.6 U.S. ROUTE NO. 31E

REFER TO THE INDEX OF SHEETS FOR THE MOVE IN STATE UTILITIES FOR AT&T, CUMBERLAND ELECTRIC & FIBER, GALLATIN DEPARTMENT OF ELECTRICITY AND GALLATIN PUBLIC UTILITIES. COMCAST AND VERIZON WILL MOVE AT NO COST WITH THE PLANS. LUMEN IS PRESENT BUT HAS REPORTED NO CONFLICT WITH THE DESIGN PLANS AS DRAWN.

INFORMATION ONLY

Index Of Sheets

SHEET NAME	SHEET NUMBER
UTILITIES INDEX, UTILITIES OWNERS, GENERAL NOTES AND UTILITY SHEETS	U1-1 THRU U1-2
GALLATIN ELECTRIC - POWER	U2-1 THRU U2-9
CEMC - FIBER	U3-1 THRU U3-5
GALLATIN PUBLIC UTILITIES - GAS	U4-1 THRU U4-3
GALLATIN PUBLIC UTILITIES - WATER	U5-1 THRU U5-4
AT&T	U6-1 THRU U6-4
CEMC - POWER	U7-1 THRU U7-7
GALLATIN ELECTRIC - FIBER	U8-1 THRU U8-3

LEGEND

	EXISTING TO ABANDON	EXISTING TO REMAIN	PROPOSED	PROPOSED TEMPORARY
AERIAL FIBER	F	F	F	F
AERIAL TELEPHONE	A	A	A	A
AERIAL POWER	P	P	P	P
BURIED FIBER	F (UG)	F (UG)	F (UG)	F (UG)
BURIED TELEPHONE	B	B	B	B
BURIED POWER	P (UG)	P (UG)	P (UG)	P (UG)
GAS	G	G	G	G
WATER	W	W	W	W
SANITARY SEWER GRAVITY	SA	SA	SA	SA
SANITARY SEWER FORCE MAIN	FMS	FMS	FMS	FMS

UTILITY OWNERS AND CONTACTS:

PHONE:	AT&T 116 SOUTH CANNON AVENUE MURFREESBORO, TN 37129 KENNETH LEE KORNEGAY KK4096@ATT.COM O: 615-848-2082	ELECTRIC:	CEMC 1940 MADISON STREET CLARKSVILLE, TN 37043 JONATHAN FIELDER JFIELDER@CEMC.COM O: 931-645-2481 x1117	FIBER:	CEMC 1940 MADISON STREET CLARKSVILLE, TN 37043 JONATHAN FIELDER JFIELDER@CEMC.COM O: 931-645-2481 x1117
FIBER:	COMCAST 660 MAINTREAM DRIVE NASHVILLE, TN 37228 KEVIN NIPPER NAS-NASHVILLECONSTRUCTION BETTERMENTS@COMCAST.COM O: 615-626-3325	ELECTRIC:	GALLATIN DEPARTMENT OF ELECTRICITY 135 JONES STREET GALLATIN, TN 37066 MIKE TAYLOR MTAYLOR@GALLATINELECTRIC.COM O: 615-452-5152	FIBER:	GALLATIN DEPARTMENT OF ELECTRICITY 135 JONES STREET GALLATIN, TN 37066 MIKE TAYLOR MTAYLOR@GALLATINELECTRIC.COM O: 615-452-5152
GAS / WATER:	GALLATIN PUBLIC UTILITIES 239 HANCOCK STREET GALLATIN, TN 37066 DAVID KELLOGG DKELLOGG@GALLATINUTILITIES.COM O: 615-451-5922	FIBER:	LUMEN 520 WHALEY STREET COLUMBIA, SC 29201 JOHN BOEDEKER JOHN.BOEDEKER@LUMEN.COM C: 512-334-8351	FIBER:	VERIZON 575 HICKORY HILLS BOULEVARD WHITES CREEK, TN 37189 MICHAEL WEAVER MICHAEL.WEAVER@VERIZON.COM O: 615-218-0656

NOT FOR BIDDING PURPOSES

SPECIAL NOTES

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

UTILITY
REFERENCE

3/24/2026 12:43:57 PM
W:\23-12-2608 CU1026 WO6_SR-6 Bridge over Station Camp Creek\3_CAD\Production\utility coordination\001 - TITLE SHEET.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U1-2

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

N

10' OFF CENTER OF UTILITY LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

10' PERPETUAL EASEMENT FOR SEWER PURPOSES

20' DRAINAGE ESM'T.

20' UTILITY EASEMENT

USA, CORPS OF ENGINEERS

EAST FORK STATION CAMP CREEK (STR-1)

SUMMERLIN DEVELOPMENT, L.L.C.

BETTY HEE HOOPER

MICHAEL K. LEE AND CATHERINA J. LEE, HUSBAND AND WIFE

CGI, LP

COMMERCE UNION BANK

NASHVILLE PIKE PROPERTIES, L.L.C.

625

630

635

PROP. R.O.W.

30' SEWER EASEMENT

25' WATER AND SEWER EASEMENT

BEG. C&G STA. 624+73.50 OFFSET 43.19'

END. C&G STA. 625+13.50 OFFSET 100.00'

BEG. C&G STA. 625+48.50 OFFSET 100.00'

END. C&G STA. 625+73.50 OFFSET 43.33'

BEG. C&G STA. 626+46.50 OFFSET 43.43'

END. C&G STA. 626+62.00 OFFSET 75.00'

BEG. C&G STA. 626+80.00 OFFSET 74.00'

END. C&G STA. 626+94.50 OFFSET 43.49'

PC 627+08.35

BEG. & END TRANS. AND TURN LANE STA. 624+00.00 LT. PVMT. OFFSET 36.42' LT. SHLDR. OFFSET 43.09'

11' TURN LANE STA. 624+63.50 LT. OFFSET 38.50'

STA. 625+31.00 35.00' BUS. ENT. LIMIT OF CONST. 1+80.00

11' TURN LANE STA. 626+46.50 LT. OFFSET 38.50'

STA. 626+80.00 35.00' BUS. ENT. LIMIT OF CONST. 1+10.00

END LT. TRANS. AND TURN LANE STA. 627+10.50 OFFSET 27.50' LT. SLDR. OFFSET 43.50'

MACHINED RIP-RAP CLASS C 963 TONS

BEG. PROP. BRIDGE STA. 628+49.25

END PROP. BRIDGE STA.630+25.75

MACHINED RIP-RAP CLASS C 963 TONS

STA. 632+06.08 34.00' FLD. REQ. 30.00' S.D. REQD. LIMIT OF CONST. 1+70.00

STA. 632+66.00 44.00' FLD. REQ. 40.00' S.D. REQD. LIMIT OF CONST. 1+30.00

BEG. SPEC. DITCH STA. 632+80.00 CLASS B RIP-RAP

END TRANS. STA. 633+65.00 LT. PVMT. OFFSET 26.15' RT. PVMT. OFFSET 25.12' LT. SHLDR. OFFSET 34.44' RT. SHLDR. OFFSET 33.37'

BEGIN TRANS. STA. 633+55.00 LT. PVMT. OFFSET 27.50' RT. PVMT. OFFSET 43.50' RT. SHLDR. OFFSET 40.50

END SPEC. DITCH STA. 634+65.00 CLASS B RIP-RAP

TIE TO EXIST. 635+02.17 87.00'

S 44° 02' E

S 27° 35' 24" E

N 53° 49' 57" E 269.75'

N 53° 49' 57" E 459.38'

S 56° 18' 41" W 144.50'

S 53° 40' 40" W 265.67'

N 44° 32' 36" E 142.91'

N 48° 53' 37" E

S 40° 38' 04" E

78.86'

57.44'

133.70'

134.53'

60.28'

76.26'

6.66'

30.43'

10.72'

20.01'

9.19'

26.85'

26.55'

16'

22'

11'

22'

13'

8.29'

26.15'

25.12'

8.25'

40'R

25'R

15'R

50'R

TYPE 13

TYPE 38

PROP. G.R.

24" RCP

18" RCP

15' R

NASHVILLE PIKE (SR-6) ASP.

3 GUY WIRES

BY OTHERS

BRIDGE

BEG. RT. TRANS. STA. 624+00.00 RT. PVMT. OFFSET 24.74' RT. SHLDR. OFFSET 25.93'

END RT. TRANS. STA. 625+25.00 RT. PVMT. OFFSET 27.50' RT. SHLDR. OFFSET 40.50'

PROP. BRIDGE
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
PROP. 176'-6" SPAN CONCRETE
86' OUT-TO-OUT WIDTH
GIRDER BRIDGE W/ TYPE 'C' RIP-RAP
SKEW 75°

STA. 627+57.50 18.00' PVT. DR. LIMIT OF CONST. 1+40.00

BEG. SPEC. DITCH STA. 630+80.00 CLASS B RIP-RAP

630+61.26 90.00'

633+30.00 96.00'

STA. 632+17.00 14.00' PVT. DR. 28.00' S.D. REQD. LIMIT OF CONST. 1+10.00

STA. 633+95.00 14.00' PVT. DR. 30.00' S.D. REQD. LIMIT OF CONST. 0+90.00

END SPEC. DITCH STA. 634+65.00 CLASS B RIP-RAP

DESTINY REAL ESTATE VENTURES, L.L.C.

WILDA H. DODSON AND HUSBAND, WILLIAM C. HUDGINS, AS EQUAL TENANTS IN COMMON

R. CARSEY MARTIN, JR. AND WIFE NANCY JO MARTIN

10' P.U.D.E.

20' SETBACK AND SANITARY SEWER EASEMENT

SANITARY SEWER EASEMENT

EAST FORK STATION CAMP CREEK (STR-1)

10' OFF CENTER OF SEWER LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

83077-2220-94
BEGIN PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. R-BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-2220-94
END PROJ. NO. R-BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. R-BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

SEALED BY

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

PROPOSED LAYOUT

STA. 622+42.75 TO STA. 636+48.75

SCALE: 1"= 50'

3/19/2026 3:28:36 PM
W:\23-12-2608 CU1026 WO6_SR-6 Bridge over Station Camp Creek\3_CADI\Production\utility coordination\U1-2 S

SHEET INDEX	
U2-1	SHEET INDEX & ESTIMATED QUANTITIES
U2-2	GENERAL NOTES & LEGEND
U2-3	CONDUCTOR NOTES & STAKING INFO
U2-4	ELECTRIC UTILITY RELOCATION STA. 622+42.75 TO STA. 636+48.75
U2-5	ASSEMBLY DETAILS
U2-6	ASSEMBLY DETAILS
U2-7	ASSEMBLY DETAILS
U2-8	ASSEMBLY DETAILS
U2-9	POLE DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U2-1
		83077-3220-94	

SUMNER CO.

REV. 02/03/2026

DELETED ITEM NUMBER 790-04.06. ADDED ITEM NUMBERS 790-07.07, 790-09.05, 790-20.01 AND 790-20.02. UPDATED ITEM NUMBERS 790-06.05, 790-30.06, 790-32.06, 790-33.20, 790-40.39, 790-40.49, 790-70.20 AND 790-98.01. UPDATED SHEET INDEX.

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 MP	EA	2	0%	100%
1	790-06.05	POLE 55 FT CLASS 1 METAL	55-1 MP	EA	2	0%	100%
1	790-07.07	POLE 60FT CLASS H1 METAL	60-H1 MP	EA	1	0%	100%
1	790-09.05	POLE 70FT CLASS H2 METAL	70-H2 MP	EA	1	0%	100%
1	790-20.01	POLE(65FT CLASS 1 METAL)	65-1 MP	EA	1	0%	100%
1	790-20.02	POLE(70FT CLASS 1 METAL)	70-1 MP	EA	1	0%	100%
2	790-25.07	3Ø CROSSARM DBL LRG COND 15KV	C1-1F	EA	2	0%	100%
2	790-25.11	3Ø CROSSARM DBL PRIM SUP LRG COND 15KV	C2-1F	EA	1	0%	100%
2	790-25.21	3Ø CROSSARM DEADEND SGL 15KV	C7F	EA	9	0%	100%
2	790-25.24	3Ø CROSSARM DDE LRG COND 15KV	C8F	EA	4	0%	100%
	790-30.04	SECONDARY ASSEMBLIES MISC	J10 / K10	EA	11	0%	100%
	790-30.06	SECONDARY CONDUCTOR 6 AL DUPLEX	#6 DUPLEX	LF	531	0%	100%
	790-32.06	DOWN GUY - INSULATED	E1-2	EA	44	0%	100%
	790-33.20	ANCHOR TRIPLE EYE POWER INSTALLED	FP-2	EA	26	0%	100%
	790-36.11	TRANSFER 1PH XFMR/RECLOSER	G139	EA	2	0%	100%
	790-40.39	OH COND 4/0 7 AAC OXLIP	4/0ACSR	LF	1439	0%	100%
	790-40.49	OH COND 795.37 AAC ARBUTUS	795AAC	LF	4317	0%	100%
	790-70.20	STREET LIGHT (LED, 113 WATT, 4000K)	SL	EA	3	0%	100%
3	790-98.01	REMOVE WIRE	REMOVE WIRE	LF	6560	0%	100%
4	790-98.02	REMOVE POLES	REMOVE POLES	EA	9	0%	100%
5	790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	REMOVE FRAMING/ASSOCIATED APPARATUS	EA	72	0%	100%

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

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 DROP WIRE, OH GUYS, MAIN LINE WIRE

4 INCLUDES MAINLINE POLES, SERVICE POLES,STUB POLES

5 INCLUDES CROSSARMS, TRANSFORMERS, SWITCHES, ETC.

JODY W. CATHEY
REGISTERED ENGINEER
AGRICULTURE
STATE OF TENNESSEE
2/3/26

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 EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

JOB NUMBER: 82016
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE: N/A
DATE: 02/03/2026

ELECTRIC UTILITY RELOCATION
SHEET INDEX & ESTIMATED QUANTITES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U2-2
		83077-3220-94	

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

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

JOSEPH KEY
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 124536
STATE OF TENNESSEE
2/1/2024

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

JOB NUMBER: 82016
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE	DATE
N/A	02/03/2026

ELECTRIC UTILITY RELOCATION
GENERAL NOTES & LEGEND

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U2-3
		83077-3220-94	

SUMNER CO.

REV. 02/03/2026

UPDATED TABLES.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

CONDUCTOR QUANTITIES BY STRUCTURE

INSTALLS	36067	33347	33549	26710	26709	31972	26711
#6 DUPLEX	99			77	232	123	
4/0ACSR	99	221	301	210	232	123	253
795AAC	297	663	903	630	696	369	759
REMOVAL CONDUCTOR	36067	33347	30387	33549	26710	26709	31972	26711
795AAC		420	234	753	426	501		
556AAC	291				525	501	363	807
4/0ACSR	97				175	167	121	269
#2 TRIPLEX							114	
#6 DUPLEX	97				142	167	121	269

STRUCTURE STAKING TABLE

STRUCTURE	X(EASTING)	Y(NORTHING)
31971	1825585.88	741358.03
36067	1825660.87	741422.67
33347	1825623.32	741575.43
31972	1825754.27	741503.18
33549	1825828.39	741743.81
26711	1825946.25	741668.65
26710	1825890.54	741788.86
26709	1826078.23	741924.92



GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

JOB NUMBER: 82016
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Allen&Hoshall
engineering since 1915

8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE	DATE
N/A	02/03/2026

ELECTRIC UTILITY RELOCATION
CONDUCTOR NOTES & STAKING INFO

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U2-4
		83077-3220-94	

SUMNER CO.

REV. 02/03/2026

RE-ALIGNED STRUCTURES FROM 31971 TO 26711 AND FROM 26711 TO 26710. ADDED POLE HEIGHT TO ACCOMDATE COMMUNICATIONS.

NOTES:

1. USE 10' CROSSARMS FOR 301' SPAN FROM STRUCTURE 33347 TO STRUCTURE 33549.

2. REDUCED TENSION SPAN NOT TO EXCEED 700lb DESIGN TENSION FOR PRIMARY AND 140lb DESIGN TENSION FOR NEUTRAL.

EASEMENT AREA

EASEMENTS

PARCEL 5
PERIMETER=83.85
AREA=318.27

PARCEL 7
PERIMETER=50.963

AREA=153.80

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

INSTALLS	TOTAL	31971	36067	33347	30387	33549	26710	26709	31972	26711
50-1 MP	2							1	1	
55-1 MP	2	1		1						
60-H1 MP	1									1
70-H2 MP	1						1			
65-1 MP	1					1				
70-1 MP	1		1							
C1-1F	2		1						1	
C2-1F	1					1				
C7F	9	2		3			2			2
C8F	4	1					1	2		
J10 / K10	11	1				1	2	3	3	1
#6 DUPLEX	531		99				77	232	123	
E1-2	44	10		10		2	12			10
FP-2	26	6		6		1	7			6
G139	2	1						1		
4/0ACSR	1439		99	221		301	210	232	123	253
795AAC	4317		297	663		903	630	696	369	759
SL	3					1		1	1	

REMOVALS	TOTAL	31971	36067	33347	30387	33549	26710	26709	31972	26711
795AAC	2334			420	234	753	426	501		
556AAC	2487		291				525	501	363	807
4/0ACSR	829		97				175	167	121	269
#2 TRIPLEX	114								114	
#6 DUPLEX	796		97				142	167	121	269
40' WP	3		1	1	1					
45' WP	3					1	1	1		
50' WP	2	1							1	
60' WP	1									1
C1	2					1		1		
C1U	3	1	1					1		
C2-1	1								1	
C7	2			1	1					
C7-1	7	2		1			2			2
C8-1	2				1		1			
E1-2	23	4		3	2		8	1	1	4
FP-2	12	2		2	1		3	1	1	2
G139	2	1						1		
J10	3				1			2		
K10	11	1	2			1	2	1	3	1
SL	4					1	1	1	1	

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

JOB NUMBER: 82016
DESIGNED: CED
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Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE: 1"=50'
DATE: 02/03/2026

ELECTRIC UTILITY RELOCATION
STA. 622+42.75 TO STA. 636+48.75

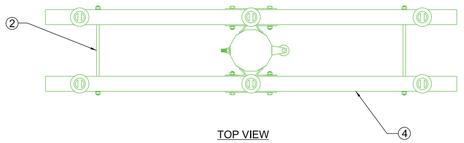
PRIMARY CONDUCTOR ASSEMBLY KEY

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

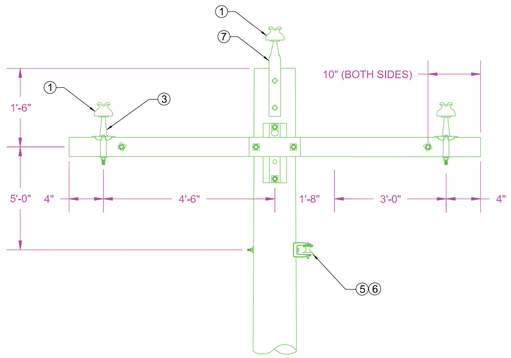
EXAMPLE: C1-1UFP = THREE PHASE TANGENT FRAMING WITH ADDITIONAL ARM, THREE PINS ON FIBERGLASS CROSSARM AND POST INSULATORS

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



TOP VIEW



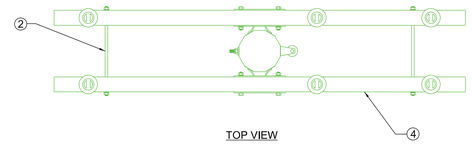
FRONT VIEW

NOTE:

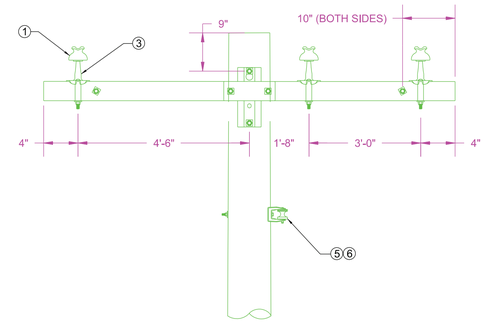
1. ASSEMBLY INCLUDES ALL PROPER SIZE BOLTS, WASHERS, AND LOCKNUTS.
2. CONDUCTORS NOT SHOWN FOR CLARITY.

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, 0-20 DEGREES	N.T.S.
	C1-1F



TOP VIEW



FRONT VIEW

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:

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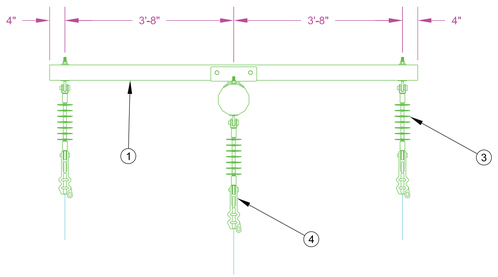
2. ALL ASSEMBLIES INCLUDE PROPERLY SIZED NUTS, BOLTS, WASHERS AND LOCKNUTS.3. ALL ASSEMBLIES INCLUDE PROPERLY SIZED JUMPERS AND CONNECTORS.
3. USE ROUND WASHERS ON ROUND SURFACES AND FLAT WASHERS ON FLAT SURFACES.
4. SEE TECHNICAL SPECIFICATIONS FOR INDIVIDUAL PART SIZES, STRENGTHS, VOLTAGES OR OTHER INFORMATION. CONTACT ENGINEER WITH ANY QUESTIONS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U2-5
		83077-3220-94	

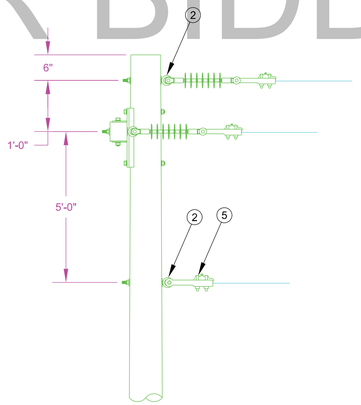
SUMNER CO.

INFORMATION ONLY

NOT FOR BIDDING PURPOSES



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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JOSEPH KEY
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 124536
STATE OF TENNESSEE
2/1/2024

GDE

TDOT DESCRIPTION

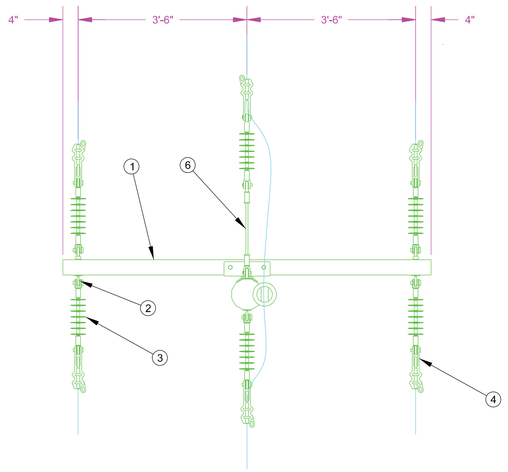
(NASHVILLE PIKE) BRIDGE OVER EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

JOB NUMBER: 82016
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.	02/03/2026

ELECTRIC UTILITY RELOCATION ASSEMBLY DETAILS

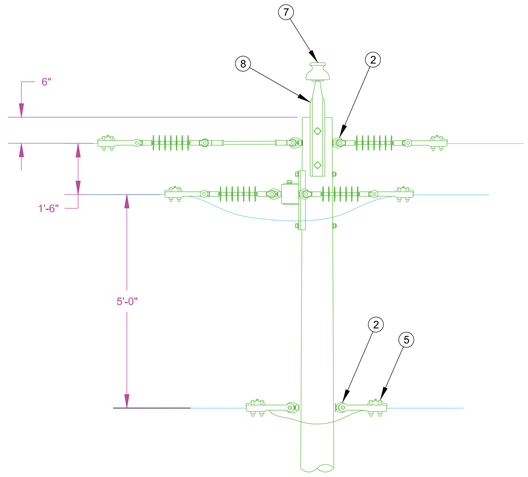


PLAN VIEW

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

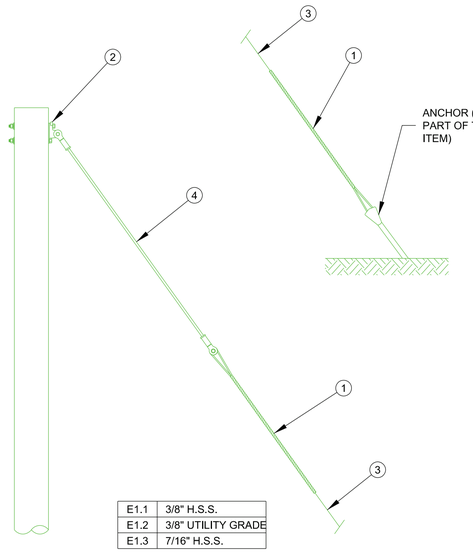
NOTE:

1. TOP JUMPER NOT SHOWN FOR CLARITY.



SIDE VIEW

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

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PS&E	2026	R-BR-NH-6(128)	U2-6
		83077-3220-94	

SUMNER CO.

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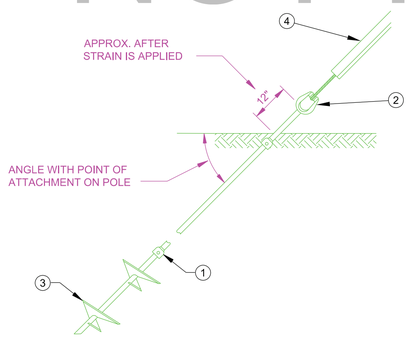
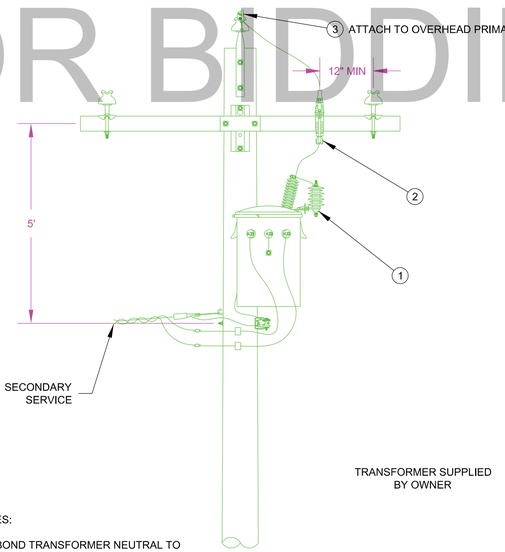


NOTES:

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



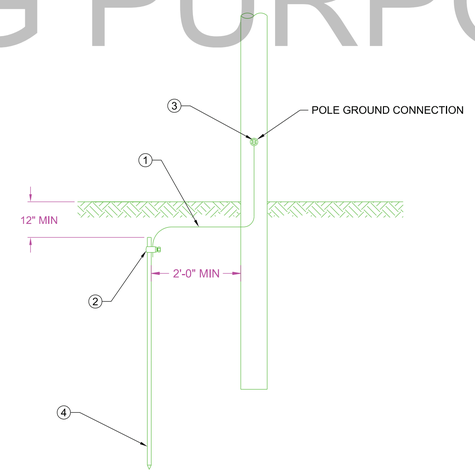
TRANSFORMER SUPPLIED BY OWNER

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

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No. 124536
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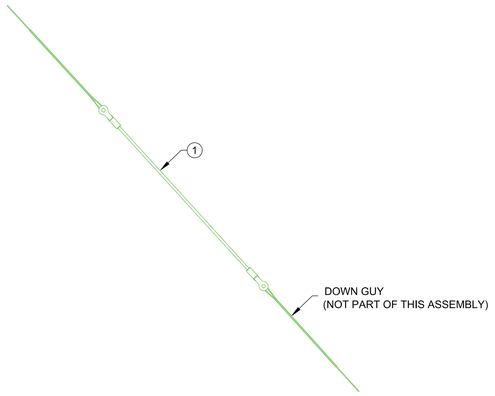
SCALE: N.T.S.
DATE: 02/03/2026

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

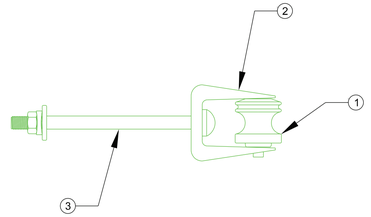


NOTE;

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



ID	QTY	DESCRIPTION
1	1	SPOOL, SECONDARY
2	1	CLEVIS
3	1	BOLT, 5/8", WITH MF NUT

SECONDARY ATTACHMENT CLEVIS TYPE	N.T.S.
	J10

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PS&E	2026	R-BR-NH-6(128)	U2-7
		83077-3220-94	

SUMNER CO.

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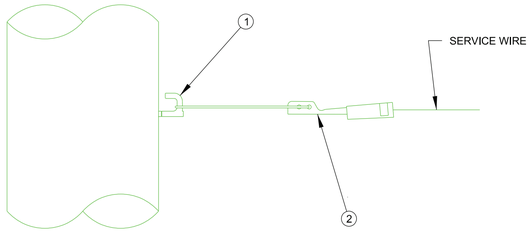
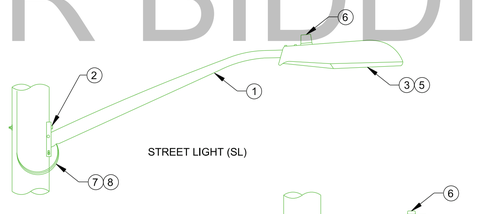


NOTE;

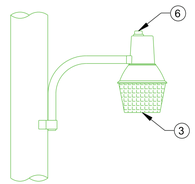
1. FOR USE WITH SELF SUPPORTED CONDUCTORS ONLY.

ID	QTY	DESCRIPTION
1	1	J - HOOK, 7/16" x 4 - 3/4"
2	2	SERVICE WEDGE CLAMP, SIZE AS REQ'D

WEDGE CLAMP SERVICE CONNECTION	N.T.S.
	K10



STREET LIGHT (SL)



PRIVATE LIGHT (PL)

NOTE:

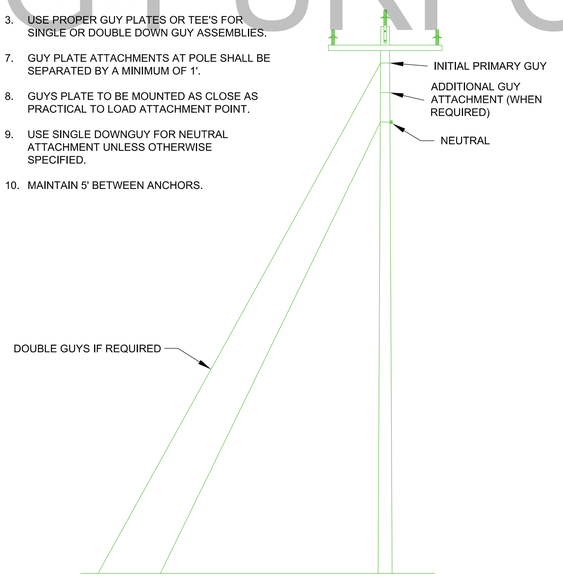
1. LIGHT ASSEMBLY SHALL BE GROUNDED TO POLE OR POLE NEUTRAL.
2. ACTUAL LIGHT FIXTURE MAY DIFFER FROM THOSE SHOWN. COORDINATE LIGHT TYPE AND SIZE WITH UTILITY OWNER.

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

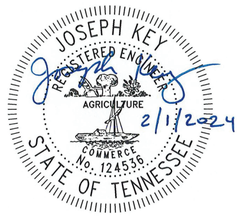
STREET LIGHT AND PRIVATE LIGHT	N.T.S.
	SL & PL

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



GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

JOB NUMBER: 82016
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CHECKED: JWC

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE	DATE
N.T.S.	02/03/2026

ELECTRIC UTILITY RELOCATION ASSEMBLY DETAILS

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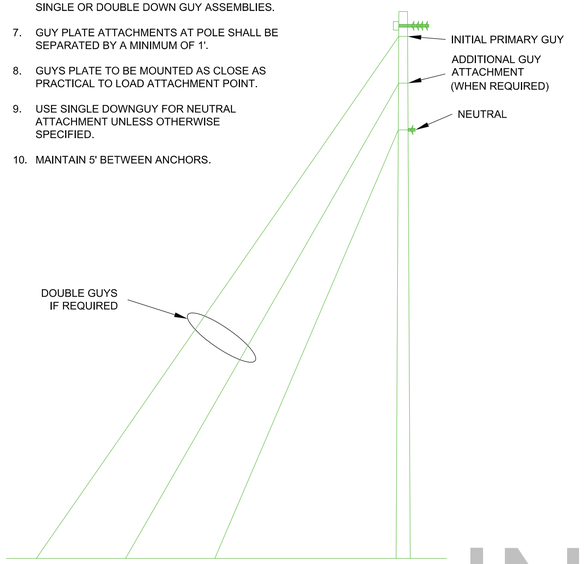

THREE PHASE DEADEND PREFERRED GUYING

N.T.S.

GUYING

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PS&E	2026	R-BR-NH-6(128)	U2-8
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SUMNER CO.

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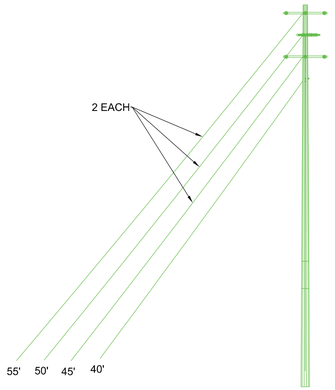
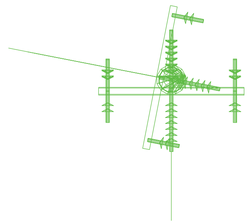
ASSEMBLY DETAILS





POLE DETAIL | N.T.S. | 26710

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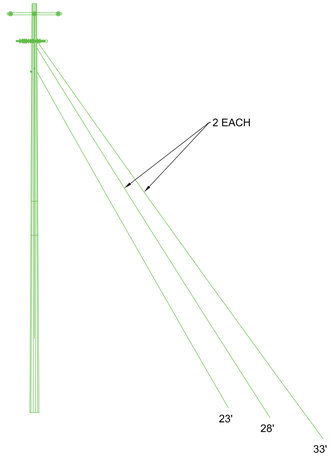

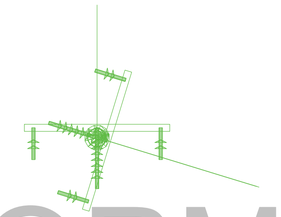

POLE DETAIL | N.T.S. | 26711

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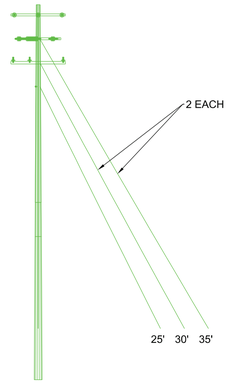

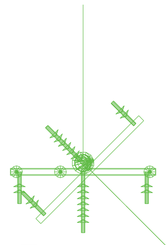

POLE DETAIL | N.T.S. | 31971

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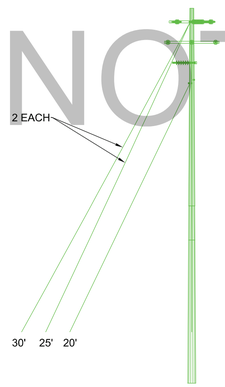

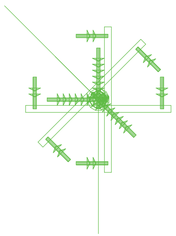

POLE DETAIL | N.T.S. | 33347

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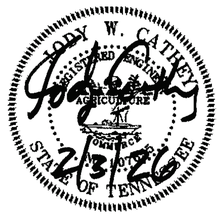
PS&E	2026	R-BR-NH-6(128)	U2-9
		83077-3220-94	

SUMNER CO.

REV. 02/03/2026

ADDED SHEET.



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8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

ELECTRIC UTILITY RELOCATION
POLE DETAILS

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U3-05 TELECOMMUNICATIONS RELOCATION CONSTRUCTION DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U3-01
		83077-3220-94	

SUMNER COUNTY
PIN# 124721.00

ESTIMATED QUANTITIES

ITEM NO.	TDOT DESCRIPTION	UTILITY UNIT DESCRIPTION	UNIT	QUANTITY	PERCENT UTILITY	PERCENT PROJECT
790-32.23	GUY GUARD		EACH	2	0%	100%
790-74.31	FIBER TANGENT ASSM	SUS	EACH	1	0%	100%
790-74.33	FIBER DOUBLE DEADEND ASSM	DDE	EACH	3	0%	100%
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS		EACH	4	0%	100%
798-05.04	1/4IN EHS STEEL STRAND		L.F.	888	0%	100%
798-05.27	COMMUNICATION ASSEMBLY(BOND)	F-M-A1	EACH	1	0%	100%
798-05.32	COMMUNICATION ASSEMBLY(DDE)	F-M-A4	EACH	3	0%	100%
798-05.33	COMMUNICATION ASSEMBLY(DE)	F-M-A5	EACH	1	0%	100%
798-05.34	COMMUNICATION ASSEMBLY(E1-2)	F-M-E3-5	EACH	2	0%	100%
798-05.35	COMMUNICATION ASSEMBLY(E2-2)	F-M-E4-5	EACH	1	0%	100%
798-08.06	TRANSFER FIBEROPTIC CABLE		EACH	4	0%	100%
798-09.01	REMOVE STEEL STRAND		L.F.	888	0%	100%
798-09.03	REMOVE POLES, GUYS, ANCHORS		EACH	2	0%	100%
798-09.08	REMOVE STRAND POLE FRAMING		EACH	4	0%	100%

(1)

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

FOOTNOTES:

1. INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO SETUP, TRAFFIC CONTROL, AND BONDING/GROUNDING. LOOPS INCLUDED.

811 Know what's below. Call 811 before you dig.

03/13/2026
GREGORY K. POSTON
REGISTERED ENGINEER
AGRICULTURE
POWERS
No. 100945
STATE OF TENNESSEE

CEMC CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.38
DESIGNED:	BBG
DRAWN:	ARA
CHECKED:	BBG
SCALE	N.T.S.
DATE	03.13.2026

Gresham Smith
2095 LAKESIDE CENTRE WAY
SUITE 210
KNOXVILLE, TENNESSEE 37922
(865) 521-6777 (865) 539-7192

TELECOMMUNICATIONS RELOCATION
ESTIMATED QUANTITIES

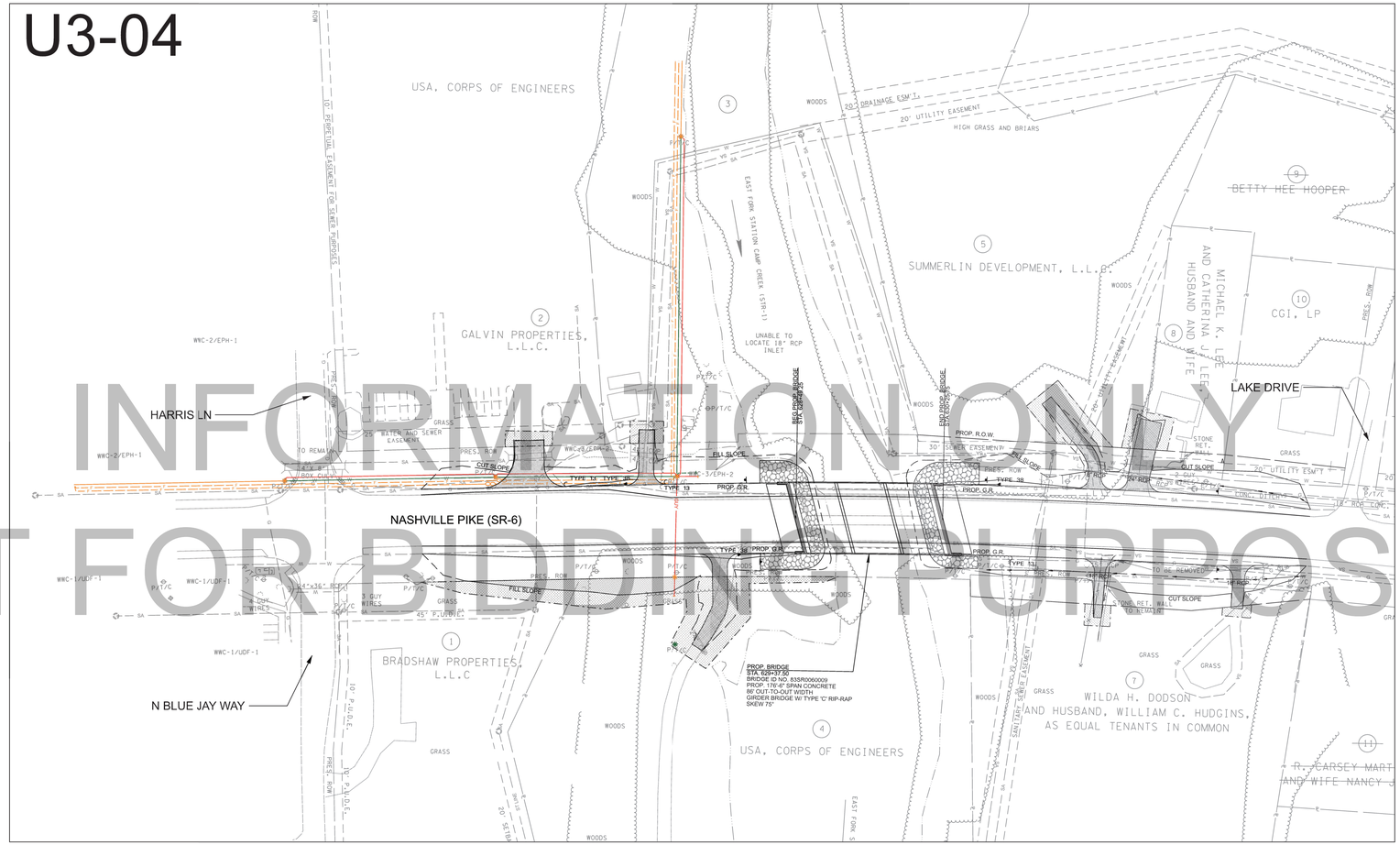
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U3-02
		83077-3220-94	

SUMNER COUNTY
PIN# 124721.00

SUMNER COUNTY

SR 6
STATE PROJECT #: 83077-2220-94 COUNTY: SUMNER
FEDERAL PROJECT #: BR-NH-6(128) PIN: 124721.00

U3-04



INFORMATION ONLY
NOT FOR BIDDING PURPOSES

LEGEND

F	EXISTING FIBEROPTIC CABLE		EXISTING FIBER OPTIC LOOP
	EXSITING 1/4" STRAND		EXISTING DOWN GUY/ANCHOR
	REMOVAL 1/4" STRAND		REMOVAL DOWN GUY/ACNHOR
	PROPOSED 1/4" STRAND		PROPOSED DOWN GUY/EXISTING ANCHOR
GUY	EXISTING OVERHEAD GUY		EXISTING POLE/POLE PLACED BY OTHERS
GUY	REMOVAL OVERHEAD GUY		REMOVAL POLE
GUY	PROPOSED OVERHEAD GUY		

Know what's below. Call 811 before you dig.

03/13/2026
GREGORY K. POSTON
REGISTERED ENGINEER
AGRICULTURE
No. 100945
STATE OF TENNESSEE

CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.38
DESIGNED:	BBG
DRAWN:	ARA
CHECKED:	BBG
SCALE	N.T.S.
DATE	03.13.2026

Gresham Smith
2095 LAKESIDE CENTRE WAY
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KNOXVILLE, TENNESSEE 37922
(865) 521-6777 (865) 539-7192

TELECOMMUNICATIONS RELOCATION
VICINITY MAP AND LEGEND

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U3-03
		83077-3220-94	

SUMNER COUNTY
PIN# 124721.00

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.

INFORMATION ONLY
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03/13/2026
GREGORY K. POSTON
REGISTERED ENGINEER
AGRICULTURE
COMMERCIAL
No. 100945
STATE OF TENNESSEE

CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.38
DESIGNED:	BBG
DRAWN:	ARA
CHECKED:	BBG
SCALE: N.T.S.	DATE: 03.13.2026

Gresham Smith
2095 LAKESIDE CENTRE WAY
SUITE 210
KNOXVILLE, TENNESSEE 37922
(865) 521-6777 (865) 539-7192

TELECOMMUNICATIONS RELOCATION
GENERAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U3-04
		83077-3220-94	

SUMNER COUNTY
PIN# 124721.00

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

USA, CORPS OF ENGINEERS
10' PERPETUAL EASEMENT FOR SEWER PURPOSES
WOODS
20' DRAINAGE ESM'T.
20' UTILITY EASEMENT
HIGH GRASS AND BRIARS
BETTY HEE HOOF
SUMMERLIN DEVELOPMENT, L.L.C.
MICHAEL K. LEE AND CATHERINA J. LEE, HUSBAND AND WIFE
CGI, LP
625
630
GALVIN PROPERTIES L.L.C.
EAST FORK STATION CAMP CREEK (STR-1)
UNABLE TO LOCATE 18" RCP INLET
20' UTILITY EASEMENT
HARRIS LN
PRES. ROW
GRASS
25' WATER AND SEWER EASEMENT
TRANSFER CEMC, ADSS AND SNL FACILITIES AT POLE.
TRANSFER CEMC ADSS AND SNL FACILITIES AT POLE TO ADHERE TO CLEARANCE FROM GALLATIN ELECTRIC AND CEMC TRANSFERED FACILITIES.
PROP. R.O.W.
30' SEWER EASEMENT
STONE RET. WALL
TO REMAIN
4' X 8' BOX CULV.
1/4" EHS STRAND (I/R): 257'
1/4" EHS STRAND (I/R): 222'
1/4" EHS STRAND (I/R): 409'
FILL SLOPE
CUT SLOPE
18" RCP
24" RCP
2 GUY WIRES
CONC. DITCH
INSTALL: 1/4" EHS STRAND
NASHVILLE PIKE (SR-6)
1/4" EHS STRAND (I/R): 113'
TO BE REMOVED
3 GUY WIRES
4 GUY WIRES
24"x36" RCP
45' P.U.D.E.
STONE RET. WALL TO REMAIN
N BLUE JAY WAY
BRADSHAW PROPERTIES L.L.C
10' P.U.D.E.
20' SETBACK AND SANITARY SEWER EASEMENT
STONE
CONC. RET. WALL
10" MAPLE
SANITARY SEWER EASEMENT
WILDA H. DODSON AND HUSBAND, WILLIAM C. HUDGINS, AS EQUAL TENANTS IN COMMON
USA, CORPS OF ENGINEERS
EAST FORK STATION CAMP CREEK (STR-1)

P1E
60-2SP
INSTALL:
ADSS:
DDE
SNL:
DDE

REMOVE:
ADSS:
DDE
SNL:
SC

P1
50-2SP
INSTALL:
ADSS:
SUS
SNL:
SC

REMOVE:
ADSS:
SUS
SNL:
SC

P2
80-2SP
INSTALL:
ADSS:
DDE
SNL:
DDE,
E1-2, E2-2

REMOVE:
ADSS:
DDE
SNL:
DDE,
E1-2, E2-2

P2-1
60-2SP
INSTALL:
ADSS:
DDE
SNL:
DDE

REMOVE:
ADSS:
SUS
SNL:
SC

P3
INSTALL:
DE, E1-2

P4R

Know what's below. Call 811 before you dig.

03/13/2026
GREGORY K. POSTON
REGISTERED ENGINEER
AGRICULTURE
No. 100945
STATE OF TENNESSEE

CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.38
DESIGNED:	BBG
DRAWN:	ARA
CHECKED:	BBG
SCALE	1"=50'
DATE	03.13.2026

Gresham Smith
2095 LAKESIDE CENTRE WAY
SUITE 210
KNOXVILLE, TENNESSEE 37922
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TELECOMMUNICATIONS RELOCATION
STA. 622+42.75 TO STA. 636+48.75

INFORMATION ONLY

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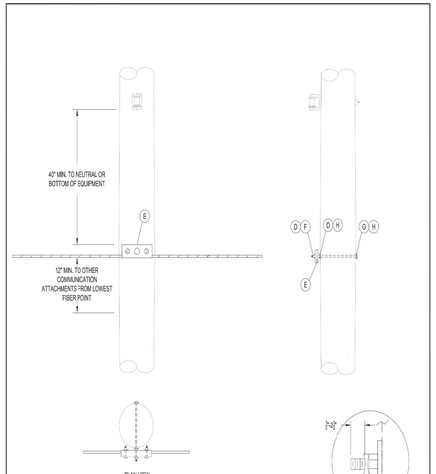
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U3-05
		83077-3220-94	

SUMNER COUNTY
PIN# 124721.00



NOTES:

1. ALL TREADED BOLTS REQUIRE LOCKNUTS.
2. GROUND MESSENGER TO POLE GROUND.

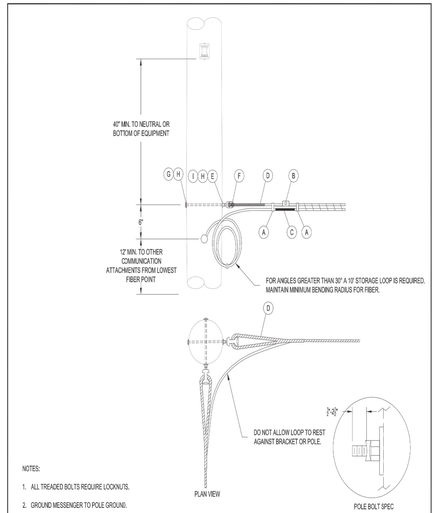
ITEM	QTY	MATERIAL	CEMC PART NUMBER
D	2	NUT, REGULAR, SQUARE, 5/8"	880057-N
E	1	CLAMP, SUSPENSION, STRAIGHT	880045
F	1	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	880059-N
G	1	BOLT, MACHINE, SQ HEAD, 5/8" X REQ'D LENGTH	880043-N
H	2	WASHER, SQ FLAT, 11/16" HOLE, 2" SQ.	880060-N

CUMBERLAND CONNECT powered by CEMC

DATE:	REV	REVISION

OVERHEAD FIBER-LASHED
F-M-A1-7
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.

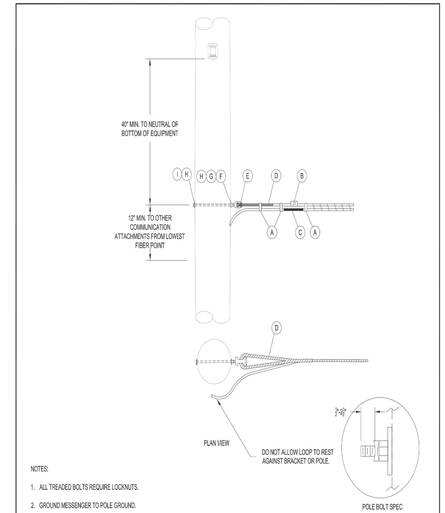
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	4	SPACER,BELL CABLE 1/2"	880014-N
A	4	STRAP, LASHING, STAINLESS STEEL	880022-N
B	2	CLAMP, BUG NUT	880003-N
C	1	FIBER CABLE OH MARKER CUSTOMIZABLE	880041
D	2	DEADEND, GUY WIRE 1/4"	880001-N
E	2	NUT, REGULAR, SQUARE, 5/8"	880057-N
F	2	EYENUT, THIMBLEYE, 5/8"	880059-N
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	880059-N

CUMBERLAND CONNECT powered by CEMC

DATE:	REV	REVISION

OVERHEAD FIBER-LASHED
F-M-A4
DOUBLE DEADEND-CORNER ASSEMBL

DATE: 4/16/21
DRAWN: BAD
F-M-A4



NOTES:

1. ALL TREADED BOLTS REQUIRE LOCKNUTS.
2. GROUND MESSENGER TO POLE GROUND.

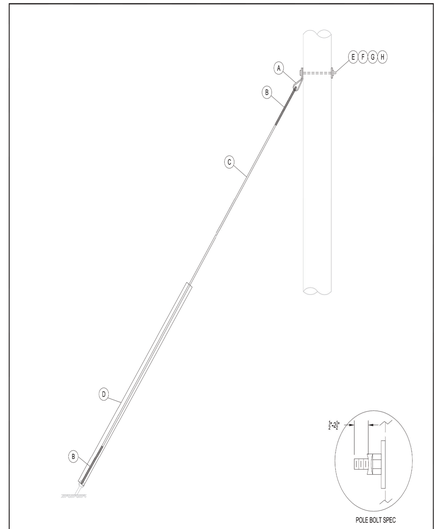
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	4	SPACER,BELL CABLE 1/2"	880014-N
A	4	STRAP, LASHING, STAINLESS STEEL	880022-N
B	2	CLAMP, BUG NUT	880003-N
C	1	FIBER CABLE OH MARKER CUSTOMIZABLE	880041
D	2	DEADEND, GUY WIRE 1/4"	880001-N
E	1	EYENUT, THIMBLEYE, 5/8"	880059-N
F	1	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	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



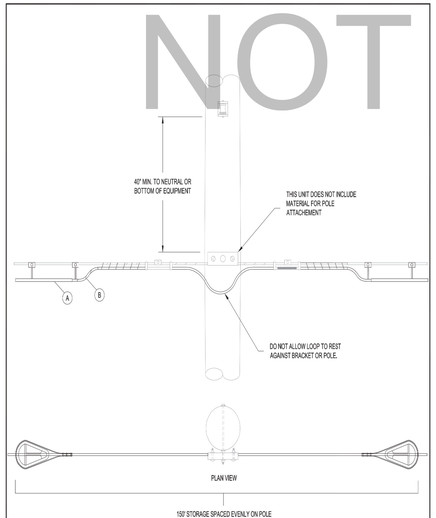
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	1	PIG EAR DOWN GUY ATTACHMENT	880008-N
B	2	DEADEND, GUY WIRE 1/4 INL	880001-N
C	1	MESSENGER-9M 1/4 EHS	880001
D	1	MARKER, FULL RD, 8FT., YELLOW	880060
E	1	BOLT, MACHINE, SQ HEAD, 5/8" X REQ'D LENGTH	880043-N
F	1	NUT, REGULAR, SQUARE, 5/8"	880057-N
G	1	WASHER, SQ FLAT, 11/16" HOLE, 2" SQ.	880060-N
H	1	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	880059-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



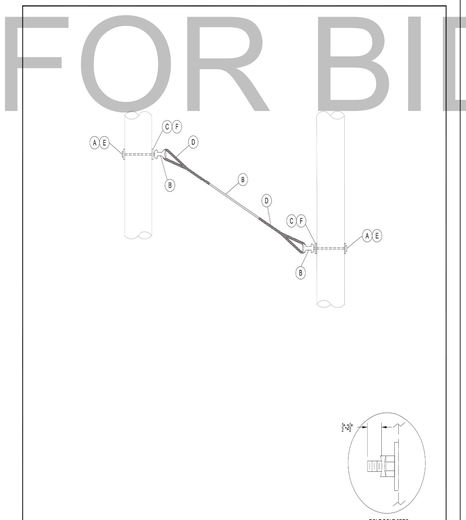
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	2	SNO-SHOE	880048
B	12	STRAP, LASHING, STAINLESS STEEL	880004-N

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



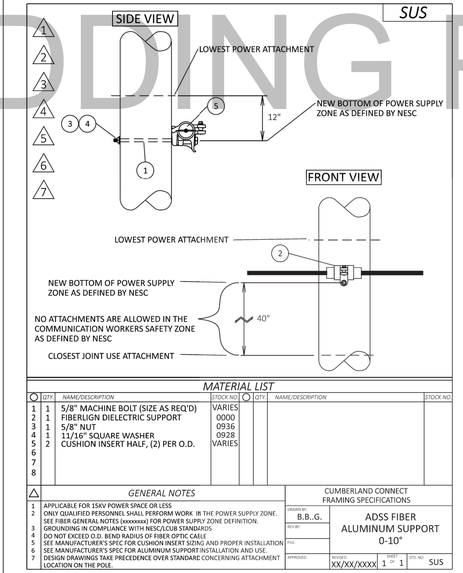
ITEM	QTY	MATERIAL	CEMC PART NUMBER
A	2	BOLT, MACHINE, SQ HEAD, 5/8" X REQ'D LENGTH	880043-N
B	2	EYENUT, THIMBLEYE, 5/8"	880059-N
C	2	NUT, LOCK, MF CURVED TYPE, 5/8" THREAD	880056-N
D	2	DEADEND, GUY WIRE 1/4"	880001-N
E	4	WASHER, SQ FLAT, 11/16" HOLE 2" SQ.	880060-N
F	2	NUT, REGULAR, SQUARE, 5/8"	880057-N

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

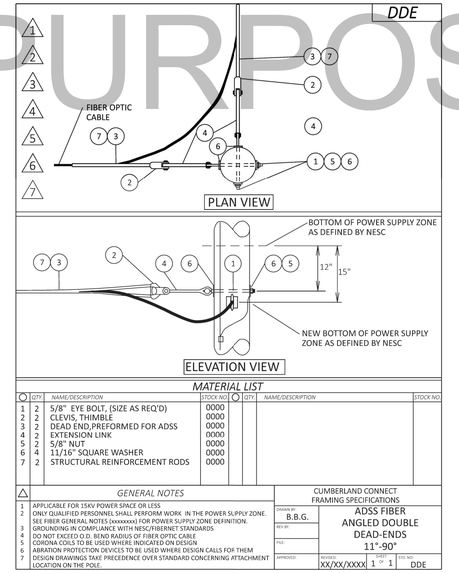
GENERAL NOTES

1. APPLICABLE FOR 15KV POWER SPACE OR LESS
2. ONLY QUALIFIED PERSONNEL SHALL PERFORM WORK IN THE POWER SUPPLY ZONE.
3. SEE FIBER GENERAL NOTES (xxxxxxxx) FOR POWER SUPPLY ZONE DEFINITION.
4. GROUNDING IN COMPLIANCE WITH NESC/CLUB STANDARDS
5. DO NOT EXCEED O.D. BEND RADIUS OF FIBER OPTIC CABLE
6. SEE MANUFACTURER'S SPEC FOR CUSHION INSERT SIZING AND PROPER INSTALLATION.
7. SEE MANUFACTURER'S SPEC FOR ALUMINUM SUPPORT INSTALLATION AND USE.
8. 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:	
REVISED:	XX/XX/XXXX
SCALE:	1 " 1
STD. NO:	SUS

ADSS FIBER
ALUMINUM SUPPORT
0-10°



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.
3. SEE FIBER GENERAL NOTES (xxxxxxxx) FOR POWER SUPPLY ZONE DEFINITION.
4. GROUNDING IN COMPLIANCE WITH NESC/FIBERNET STANDARDS
5. DO NOT EXCEED O.D. BEND RADIUS OF FIBER OPTIC CABLE
6. CORONA COILS TO BE USED WHERE INDICATED ON DESIGN
7. ABRATION PROTECTION DEVICES TO BE USED WHERE DESIGN CALLS FOR THEM
8. 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:	
REVISED:	XX/XX/XXXX
SCALE:	1 " 1
STD. NO:	DDE

ADSS FIBER
ANGLED DOUBLE DEAD-ENDS
11°-90°

Know what's below. Call 811 before you dig.

03/13/2026
GREGORY K. POSTON
REGISTERED ENGINEER
No. 100845
STATE OF TENNESSEE

CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.38
DESIGNED:	BBG
DRAWN:	ARA
CHECKED:	BBG
SCALE	N.T.S.
DATE	03.13.2026

Gresham Smith
2095 LAKESIDE CENTRE WAY
SUITE 210
KNOXVILLE, TENNESSEE 37922
(865) 521-6777 (865) 539-7192

TELECOMMUNICATIONS RELOCATION
CONSTRUCTION DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6 (128)	U4-1

UTILITIES INDEX

SHEET NAME	SHEET NUMBER
ESTIMATED QUANTITIES AND GENERAL NOTES	U4-1
GAS LINE - PLAN - STA. 622+42.75 TO STA. 636+48.75	U4-2
GAS STANDARD DETAILS	U4-3

FOOTNOTES

1. INCLUDES ALL MATERIALS INCLUDING SAND/STONE BEDDING, FLOWABLE FILL, TEMPORARY PAVEMENT IN OR OUT OF ROW, LABOR, EQUIPMENT FOR COMPLETE INSTALLATION OF PIPE INCLUDING BUT NOT LIMITED TOTRAFFIC CONTROL, EXCAVATION INCLUDING DIRT/ROCK, BACKFILLING, CREEK CROSSINGS PER SWPPP, COUPLINGS, FITTINGS, PIPE FUSION, APPURTENANCES, MAINTAINING THE TRENCH, PURGE POINT INSTALLATION, TESTING BY UTILITY SPECIFICATIONS TO INCLUDE BUT NOT LIMITED TO AIR, NITROGEN, HYDROSTATIC OR X-RAY DEW POINT OR DRYING , 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. STEEL PIPE INCLUDES SPECIAL COATING AS SPECIFIED ON PLANS AND SPECS IF CASING PIPE HAS CARRIER PIPE, THE CARRIER PIPE SHALL BE PAID AT THE OPEN CUT ITEM PRICE.

3. INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT, NECESSARY FOR BORE & JACK OF GAS LINE CASING PIPE INCLUDING BUT NOT LIMITED TO ENTRY AND EXIT PITS, B&J EQUIPMENT AND TRAFFIC CONTROL. CARRIER PIPE SHALL BE PAID AT THE OPEN CUT ITEM PRICE.

4, INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT, NECESSARY FOR CONNECTING TO EXISTING GAS LINE INCLUDING TRAFFIC CONTROL.

5. INCLUDES TRANSITION FITTINGS, VALVES, VALVE BOX, BOX ADJUSTMENT, VALVE BOX COLLAR, VALVE MARKER, EXCAVATION, BEDDING, BACKFILL, COUPLINGS, FUSION TEES, TAP OF EXISTING LINE, AND ALL OTHER NECESSARY MATERIALS AND LABOR FOR cOMPLETE INSTALLATION OF ASSEMBLY INCLUDING TRAFFIC CONTROL.

6. INCLUDES ALL MATERIALS, PARTS, LABOR, EQUIPMENT, MACHINERY, TOOLS, OR APPARATUS NECESSARY FOR INSTALLATION OF GAS SERVICE ASSEMBLIES AS DESCRIBED IN THE PLANS AND SPECS. INSTALLATION FOR LONG SIDE AND SHORT SIDE APPLICATIONS. SERVICE PIPE SHALL BE PAID PER LINEAR FOOT INSTALLED.

7. INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT FOR COMPLETE INSTALLATION OF INDIVIDUAL ITEM AS SPECIFIED ON BID FORM AND UTILITY SPECIFICATIONS

8. INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT FOR REMOVAL OF ITEM.

9. INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT FOR RETIREMENT OF ITEM INCLUDING STABLIZING THE ITEM OF PLANT PER UTILITY SPECIFICATIONS.

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 BETTERMENT	% PROJECT PUBLIC	% PROJECT PRIVATE	FOOTNOTE
791-01.02	2IN STEEL GAS MAIN	L.F.	30	0.00%	100.00%	0.00%	1
791-01.24	2IN POWERCRETE CTD STL GAS MN - DIR DRILL	L.F.	80	0.00%	100.00%	0.00%	
791-01.06	8IN STEEL GAS MAIN	L.F.	100	45.00%	55.00%	0.00%	1
791-01.22	8IN POWERCRETE CTD HP STL GAS MN - DIR DRILL	L.F.	1100	28.00%	72.00%	0.00%	
791-07.12	8IN STEEL GAS VALVE ASSEMBLY	EACH	2	57.00%	43.00%	0.00%	5
791-06.32	CONNECT TO 4IN EX. STL MAIN W/ STOPPLE	EACH	2	0.00%	100.00%	0.00%	4
791-09.07	RESTORE GRAVEL	S.Y.	50	0.00%	100.00%	0.00%	
791-10.10	RETIRE GAS MAIN	LS	1	0.00%	100.00%	0.00%	
791-09.04	REGULATOR STATION	EACH	1	0.00%	100.00%	0.00%	7
791-01.04	4IN STEEL GAS MAIN	L.F.	40	0.00%	100.00%	0.00%	1
791-06.31	CONNECT TO 2IN EX. STL MAIN W/ STOPPLE	EACH	1	0.00%	100.00%	0.00%	4
791-01.28	4IN POWERCRETE CTD STL GAS MN - DIR DRILL	L.F.	80	0.00%	100.00%	0.00%	

GALLATIN PUBLIC UTILITIES
239 HANCOCK STREET
GALLATIN, TN 37066
CONTACT: DAVID KELLOGG
PHONE: (615) 451-5922

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

MATTHEW RUSSELL TUCKER
Registered Engineer
9-18-2014
No. 112018
STATE OF TENNESSEE

JAMES C. HAILEY & COMPANY
JCH PN 23163

GAS RELOCATION
ESTIMATED QUANTITIES AND GENERAL NOTES
SCALE: NONE

DRAINAGE / HYDRAULIC DATA FOR EXISTING BRIDGE STA. 629+37.27 STREAM NAME: EAST FOR STATION CAMP CREEK

BRIDGE ID. #: 83SR0060009
STREAM BED LINING: SILT
DIRECTION OF FLOW: RIGHT
DRAINAGE AREA 21,455 AC; (_) FLAT; (X) ROLLING; (_) HILLY; (_) MTNS;
PRESENT STRUCTURE: SPAN 139.71', HEIGHT 15.14', STRUCTURE: CONCRETE
SUPERSTRUCTURE: CONCRETE
BEGIN STATION - OFFSET 628+65.26 - 0.00' O/S, END STATION -
OFFSET 630+03.01 - 0.00' O/S
LOW BEAM ELEV. 460.20', LOCATION: RIGHT MOST GIRDER (LOOKING UP STATION)
INLET INVERT ELEV. 437.1', OUTLET INVERT ELEV. 436.9'
NORMAL WATER ELEV. 445.06', EXTREME HIGHWATER ELEV. 457', DATE: 3/2019
HOW OBTAINED: PUMP STATION WORKER.
BACKWATER FROM WHAT STREAM (IF APPLICABLE): N/A
EXISTING STRUCTURE CONDITION: FAIR

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U4-2

REV. 04-06-2023 - UPDATED PROPERTY LINES FOR TRACT 5, REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING, AND UPDATED PROPERTY OWNER NAMES FOR TRACTS 5, 7 AND 8.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

USA, CORPS OF ENGINEERS (3)
BETTY HEE HOOPER (9)
SUMMERLIN DEVELOPMENT, L.L.C. (5)
PROP. SR-6
PI 632+92.62
N 741,859.4521
E 1,826,062.2412
Δ 8° 21' 15" (RT)
D 0° 42' 58"
R 8,000.00
L 1,166.45
T 584.26
SE -0.020 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH: MATCH EXISTING
MICHAEL K. LEE AND CATHERINA J. LEE, HUSBAND AND WIFE (8)
CGI, LP (10)
COMMERCE UNION BANK (12)
GALVIN PROPERTIES, L.L.C. (2)
BRADSHAW PROPERTIES, L.L.C (1)
WILDA H. DODSON AND HUSBAND, WILLIAM C. HUDGINS, AS EQUAL TENANTS IN COMMON (11)
USA, CORPS OF ENGINEERS (4)

10' OFF CENTER OF UTILITY LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

UNABLE TO LOCATE 18" RCP INLET INV-443.29

CONC. DITCH TO BE REMOVED FROM LT. STA. 632+74.00 TO LT. STA. 634+65.00.

INSTALL
1 - 4" HOT TAP & STOPPLE
CATCH BASINS DRAIN INTO 4X8 BOX CULVERT

EXISTING GAS MAIN TO BE RETIRED IN PLACE

EXISTING REGULATOR STATION TO BE RELOCATED

EXISTING GAS MAIN TO BE RETIRED IN PLACE

CONNECT TO EXISTING w/ STOPPLE

EXISTING GAS MAIN TO REMAIN IN SERVICE

PROPOSED 2" POWER CRETE COATED STEEL GAS MAIN BY H.D.D.

INSTALL
1 - 4" HOT TAP & STOPPLE
1 - 8" x 4" TEE
1 - 4" GAS VALVE
1 - 8" CAP

INSTALL
1 - 8" x 4" TEE
1 - 4" GAS VALVE
1 - 8" CAP

PROPOSED 8" POWER CRETE COATED STEEL GAS MAIN BY H.D.D.

INSTALL
1 - 8" x 2" TEE
1 - 2" GAS VALVE
1 - REGULATOR STATION

83077-2220-94
BEGIN PROJ. NO. BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-2220-94
END PROJ. NO. BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

EXISTING BRIDGE T.B.R.
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
143' - 5 SPAN CONCRETE
70' OUT-TO-OUT WIDTH
SKEW 75*

10' OFF CENTER OF SEWER LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

STRUCTURE	TOP	INVERT
MH 01	TOP 463.88	INV-454.37
MH 02	TOP 460.85	INV-447.50
MH 03	TOP 460.14	INV-449.80
MH 04	TOP 459.27	INV-449.25
MH 05	TOP 458.39	INV-446.23
MH 06	TOP 451.67	INV-446.47
MH 07	TOP 450.96	INV-445.76
MH 08	TOP 450.89	INV-445.29
MH 09	TOP 459.35	INV-443.99
MH 10	TOP 452.86	INV-446.27
MH 11	TOP 451.47	INV-443.67
MH 12	TOP 452.62	INV-436.12
MH 13	TOP 452.31	INV-437.17
MH 14	TOP 449.44	INV-437.24
MH 15	TOP 450.01	INV-438.01
MH 16	TOP 448.19	INV-443.48
MH 17	TOP 460.21	INV-451.31
MH 18	TOP 467.05	INV-455.05
MH 19	TOP 463.54	INV-457.14
MH 20	TOP 476.28	INV-470.66
MH 21	TOP 490.75	INV-483.55
MH 22	TOP 501.75	INV-493.64

Point	North	East	Elevation	Station	Offset	Feature	Description
S27	741472.4559	1825673.7353	460.4380	627+45.97	34.8698	XCP	83-06-27
S28	741804.6289	1825955.9886	469.9730	631+74.48	-42.1059	XCP	83-06-28

LEGEND
CONST. ESMT.
SLOPE ESMT.

SEALED BY
THEW RUSSELL TUCKER
Registered Engineer
No. 112016
12-26-2025
STATE OF TENNESSEE

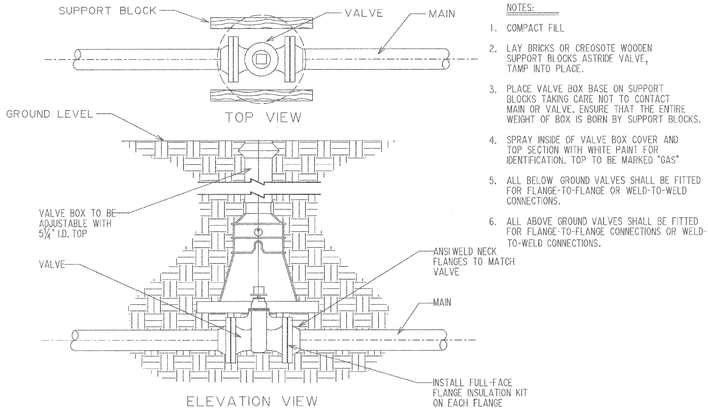
COORDINATES ARE NAD 83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003. AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID G2003U07.

JAMES C. HAILEY & COMPANY
JCH PN 23163

GAS RELOCATION

STA. 622+42.75 TO STA. 636+48.75
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6 (128)	U4-3

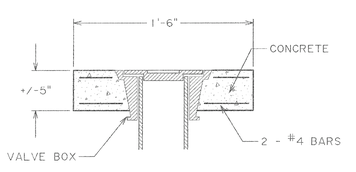


NOTES:

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.

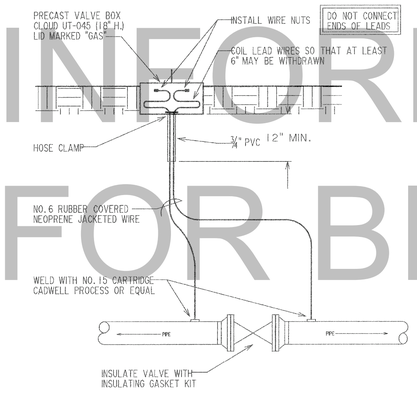
VALVE & VALVE BOX DETAILS

NO SCALE



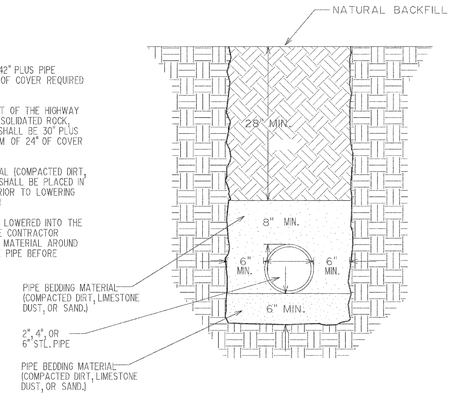
VALVE BOX DETAILS

NO SCALE



CATHODIC TEST STATION AT INSULATED VALVES

NO SCALE

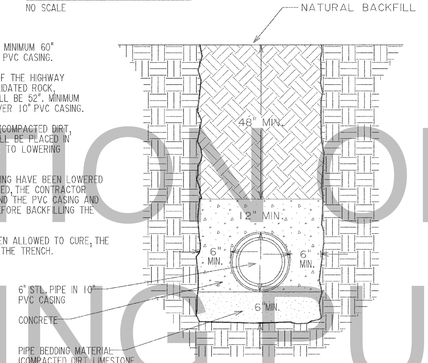


NOTES:

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

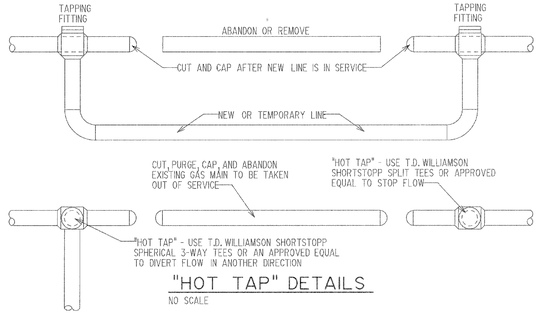


NOTES:

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.

INFORMATIONAL ONLY
NOT FOR BIDDING PURPOSES

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MATTHEW RUSSELL TUCKER — Registered Engineer — State of Tennessee — 2-26-2025

GALLATIN PUBLIC UTILITIES
Sumner County, Tennessee

UTILITIES RELOCATION
GAS
STANDARD DETAILS

DESIGN	DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	SHEET
MRT	LLB	MRT	DEC 2025	1" = 50'	23163	U4-3

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6 (128)	U5-1

UTILITIES INDEX

SHEET NAME	SHEET NUMBER
ESTIMATED QUANTITIES AND GENERAL NOTES	U5-1
WATER LINE - PLAN - STA. 622+42.75 TO STA. 636+48.75	U5-2
WATER STANDARD DETAILS	U5-3
WATER STANDARD DETAILS	U5-4

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. WATER AND SEWER SERVICE: CONTRACTOR SHALL MAINTAIN WATER 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
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M.HY. HAMILTON (615) 781-4763

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CUMBERLAND ELECTRIC MEMBERSHIP
1940 MADISON STREET
CLARKSVILLE, TN 37043
JAMES COODE (931) 645-2481

WATER/SEWER/GAS
GALLATIN PUBLIC UTILITIES
239 HANCOCK STREET
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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 WATER 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 WATER AND SEWER LINES ARE TESTED, DISINFECTED AND PLACED IN SERVICE; THE EXISTING WATER LINE TO BE RETIRED SHALL BE CAPPED AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER. THE EXISTING SEWER LINES AND MANHOLES TO BE ABANDONED SHALL BE AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER.
8. CONTRACTOR SHALL ADJUST ALL MANHOLES CASTINGS, 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 UTILITIES.
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. ROTATE FIRE HYDRANTS TO FACE ROAD AS DIRECTED.
16. RECONNECT SEWER SERVICES AT PROPERTY LINE AND INSTALL CLEAN-OUTS.
17. 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.
18. 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 WATER LINE QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUAN.	% UTILITY BETTERMENT	% PRIVATE	% PUBLIC	FOOTNOTE
795-01.10	12IN DIP SLIP JOINT WATER LINE	L.F.	700	24	24.00%	52.00%	1
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	L.F.	140	38	10.00%	52.00%	1
795-01.06	8IN DIP SLIP JOINT WATER LINE	L.F.	60		48.00%	52.00%	1
795-03.02	2IN PVC WATER LINE	L.F.	20		48.00%	52.00%	1
795-05.81	BORE/JACK 20IN STEEL CASING PIPE-ROCK	L.F.	140	31	17.00%	52.00%	10
795-08.09	12IN GATE VALVE ASSEMBLY	EACH	6	19	29.00%	52.00%	5
795-08.05	8IN GATE VALVE ASSEMBLY	EACH	1		48.00%	52.00%	5
795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	EACH	3		48.00%	52.00%	4
795-08.01	2IN GATE VALVE ASSEMBLY	EACH	1		48.00%	52.00%	5
795-11.01	BLOW OFF ASSEMBLY	EACH	2		48.00%	52.00%	
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	EACH	4		48.00%	52.00%	
795-09.60	3/4IN PEXa SERVICE PIPE	L.F.	100		48.00%	52.00%	
795-14.02	CLASS B CONCRETE	C.Y.	10		48.00%	52.00%	8
795-14.10	RESTORE GRAVEL	S.Y.	100		48.00%	52.00%	11
795-14.08	RESTORE ASPHALT	S.Y.	100		48.00%	52.00%	
795-13.01	DI FITTINGS	LBS	2500		48.00%	52.00%	12
795-07.35	2IN X 2IN TAPPING SADDLE AND VALVE	EACH	1		48.00%	52.00%	
795-06.01	CONNECT TO 2IN WATER LINE	EACH	1		48.00%	52.00%	3
795-06.05	CONNECT TO 8IN WATER LINE	EACH	3		48.00%	52.00%	3

MATTHEW RUSSELL TUCKER
Licensed Engineer
12-26-2025
No. 112016
STATE OF TENNESSEE

JAMES C. HAILEY & COMPANY
JCH PN 23163

WATER RELOCATION
ESTIMATED QUANTITIES AND GENERAL NOTES
SCALE: NONE

NOT FOR BIDDING PURPOSES
INFORMATION ONLY

DRAINAGE / HYDRAULIC DATA
FOR EXISTING BRIDGE STA. 629+37.27
STREAM NAME: EAST FOR STATION CAMP CREEK

BRIDGE ID. #: 83SR0060009
STREAM BED LINING: SILT
DIRECTION OF FLOW: RIGHT
DRAINAGE AREA 21,455 AC; (_) FLAT; (X) ROLLING; (_) HILLY; (_) MTNS;
PRESENT STRUCTURE: SPAN 139.71', HEIGHT 15.14', STRUCTURE: CONCRETE
SUPERSTRUCTURE: CONCRETE
BEGIN STATION - OFFSET 628+65.26 - 0.00' O/S, END STATION -
OFFSET 630+03.01 - 0.00' O/S
LOW BEAM ELEV. 460.20', LOCATION: RIGHT MOST GIRDER (LOOKING UP STATION)
INLET INVERT ELEV. 437.1', OUTLET INVERT ELEV. 436.9'
NORMAL WATER ELEV. 445.06', EXTREME HIGHWATER ELEV. 457', DATE: 3/2019
HOW OBTAINED: PUMP STATION WORKER.
BACKWATER FROM WHAT STREAM (IF APPLICABLE): N/A
EXISTING STRUCTURE CONDITION: FAIR

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U5-2

REV. 04-06-2023 - UPDATED PROPERTY LINES FOR TRACT 5, REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING, AND UPDATED PROPERTY OWNER NAMES FOR TRACTS 5, 7 AND 8.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

EXISTING 8" WATER LINE TO REMAIN IN SERVICE

10' OFF CENTER OF UTILITY LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

PROPOSED 12" PRESSURE CLASS 350 DUCTILE IRON WATER LINE

INSTALL
1 - 12" TEE
1 - 12" CAP
1 - 8" PLUG
1 - 12" G. VALVE & BOX
1 - 8" G. VALVE & BOX
1 - 8" TAPPING SLEEVE & VALVE
3 CONC. BRACES
1 - REVERSE KICKER

INSTALL
1 - 12" TEE
3 - 12" G. VALVES & BOXES
1 - 2" TAP w/ 2" G. VALVE
2 - CONC. BRACES

PROPOSED 12" PRESSURE CLASS 350 DUCTILE IRON WATER LINE

INSTALL
1 - 12" x 8" TEE
1 - 8" CAP
1 - 12" PLUG
1 - 12" G. VAVLE & BOX
1 - 8" TAPPING SLEEVE AND VALVE w/ BOX
2 - CONC. BRACES
1 - REVERSE KICKER

INSTALL
1 - 12" x 8" TEE
1 - 8" CAP
1 - 12" PLUG
1 - 12" G. VAVLE & BOX
1 - 8" TAPPING SLEEVE AND VALVE w/ BOX
2 - CONC. BRACES
1 - REVERSE KICKER

INSTALL
1 - 12" 90° BEND
1 - CONC. BRACE
140 L.F. 20" STEEL CASING BY BORE & JACK

PROPOSED 12" PRESSURE CLASS 350 DUCTILE IRON WATER LINE

83077-2220-94
BEGIN PROJ. NO. BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-2220-94
END PROJ. NO. BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

83077-3220-94
END PROJ. NO. BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

EXISTING BRIDGE T.B.R.
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
143' - 5 SPAN CONCRETE
70' OUT-TO-OUT WIDTH
SKEW 75*

10' OFF CENTER OF SEWER LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

STRUCTURE	TOP	INVERT
MH 01	TOP 463.88	INV-454.37
MH 02	TOP 460.85	INV-447.50
MH 03	TOP 460.14	INV-449.80
MH 04	TOP 459.27	INV-449.25
MH 05	TOP 458.39	INV-446.23
MH 06	TOP 451.67	INV-446.47
MH 07	TOP 450.96	INV-445.76
MH 08	TOP 450.89	INV-445.29
MH 09	TOP 459.35	INV-443.99
MH 10	TOP 452.86	INV-446.27
MH 11	TOP 451.47	INV-443.67
MH 12	TOP 452.62	INV-436.12
MH 13	TOP 452.31	INV-437.17
MH 14	TOP 449.44	INV-437.24
MH 15	TOP 450.01	INV-438.01
MH 16	TOP 448.19	INV-443.48
MH 17	TOP 460.21	INV-451.31
MH 18	TOP 467.05	INV-455.05
MH 19	TOP 463.54	INV-457.14
MH 20	TOP 476.28	INV-470.66
MH 21	TOP 490.75	INV-483.55
MH 22	TOP 501.75	INV-493.64

Point	North	East	Elevation	Station	Offset	Feature	Description
S27	741472.4559	1825673.7353	460.4380	627+45.97	34.8698	XCP	83-06-27
S28	741804.6289	1825955.9886	469.9730	631+74.48	-42.1059	XCP	83-06-28

LEGEND
CONST. ESMT.
SLOPE ESMT.

SEALED BY
MATTHEW RUSSELL TUCKER
Registered Engineer
STATE OF TENNESSEE
No. 112016
12-26-2025

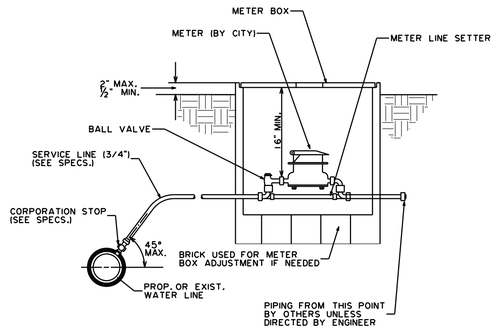
COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003, AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID G2003U07.

JAMES C. HAILEY & COMPANY
JCH PN 23163

WATER LINE RELOCATION

STA. 622+42.75 TO STA. 636+48.75
SCALE: 1" = 50'

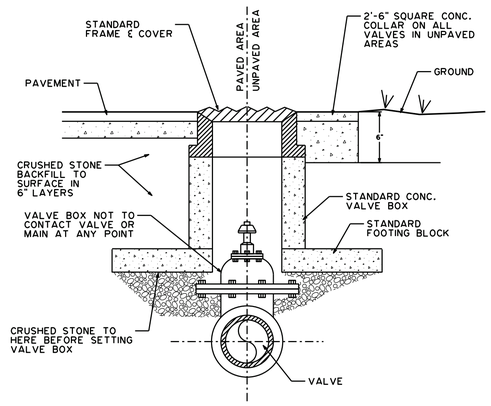
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6 (128)	U5-3



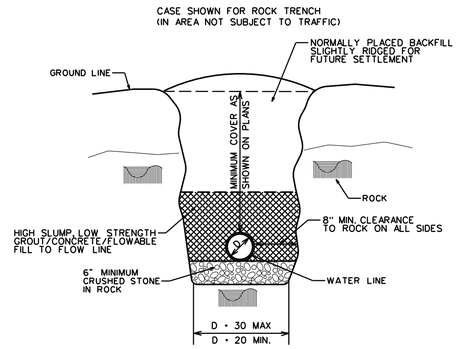
NOTES:

1. SERVICE LINE TO RUN FROM MAIN TO METER BOX ALONG THE SHORTEST MOST DIRECT ROUTE POSSIBLE UNLESS OTHERWISE DIRECTED OTHERWISE BY RESIDENT ENGINEER.

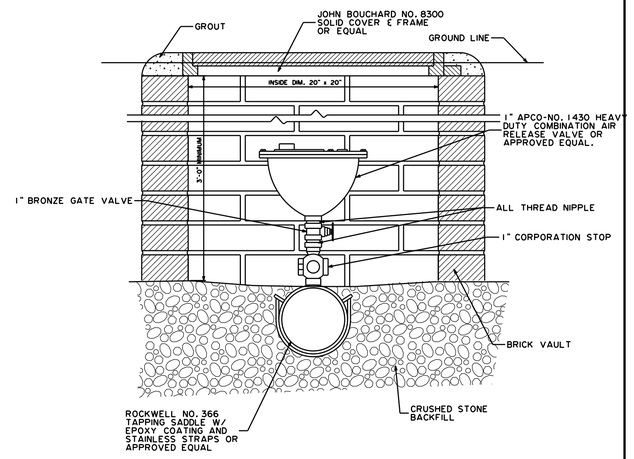
TYPICAL SERVICE CONNECTION



TYPICAL VALVE BOX SETTING STANDARD CONCRETE VALVE BOX

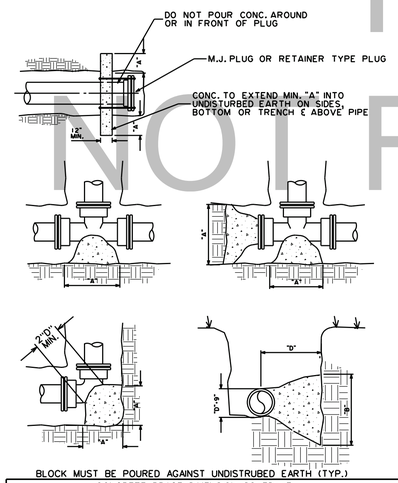


TYPICAL TRENCH SECTION



AIR RELEASE VALVE ASSEMBLY

INFORMATION ONLY

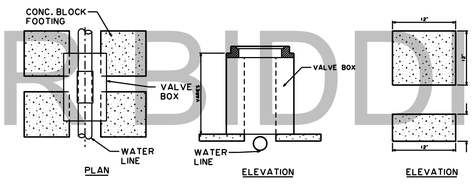


BLOCK MUST BE POURED AGAINST UNDISTRUBED EARTH (TYP.)

CONCRETE BRACE DIMENSION SCHEDULE

PIPE SIZE	90° BEND		45° BEND		22 1/2° BEND		TEE		DEAD END	
	A	B	A	B	A	B	A	B	A	B
6" OR UNDER	2'-0"	2'-0"	1'-6"	1'-6"	1'-6"	1'-6"	2'-0"	2'-0"	1'-6"	1'-6"
8"	2'-3"	2'-3"	1'-9"	1'-9"	1'-9"	1'-9"	2'-6"	2'-6"	2'-0"	2'-0"
10"	2'-6"	2'-6"	2'-0"	2'-0"	2'-0"	2'-0"	3'-0"	3'-0"	2'-4"	2'-4"
12"	3'-6"	3'-0"	2'-6"	2'-6"	2'-3"	2'-3"	4'-0"	3'-6"	2'-9"	2'-9"
16"	4'-0"	4'-0"	3'-0"	3'-0"	2'-6"	2'-6"	5'-6"	4'-0"	4'-0"	3'-0"
20"	5'-6"	4'-6"	4'-0"	3'-6"	3'-0"	3'-0"	6'-6"	5'-0"	5'-0"	3'-6"
24"	7'-0"	5'-0"	5'-0"	4'-0"	3'-6"	3'-6"	8'-0"	6'-0"	6'-0"	4'-0"
30"	9'-0"	6'-0"	6'-6"	4'-6"	4'-0"	4'-0"	12'-0"	6'-0"	7'-9"	5'-0"

CONC. THRUST BLOCK (BRACE)

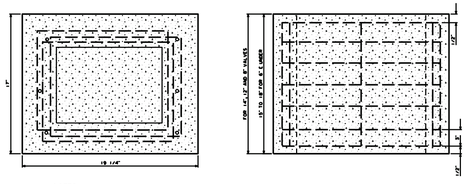


VALVE BOX

FOOTING BLOCK

NOTES:

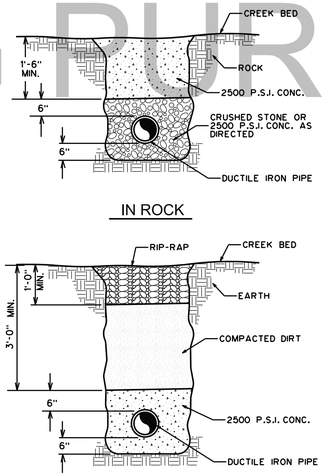
1. FOUR (4) CONCRETE BLOCKS OF THE SIZE AND SHAPE SHOWN ARE TO BE PLACED UNDER EACH BOX, ONE UNDER EACH CORNER OF BOX.
2. NO REINFORCING STEEL IN FOOTING BLOCKS. CONCRETE MIX TO BE (1) PART CEMENT, (2) PARTS SAND AND (4) PARTS NO. 2 CRUSHED STONE OR GRAVEL. VOLUME FOR ONE BLOCK = .333 CU. FT. WEIGHT OF ONE BLOCK = 50 LBS +. WEIGHT FOR ALL FOUR BLOCKS = 200 LBS. BEARING AREA ON SOIL = 576 SQ. IN.



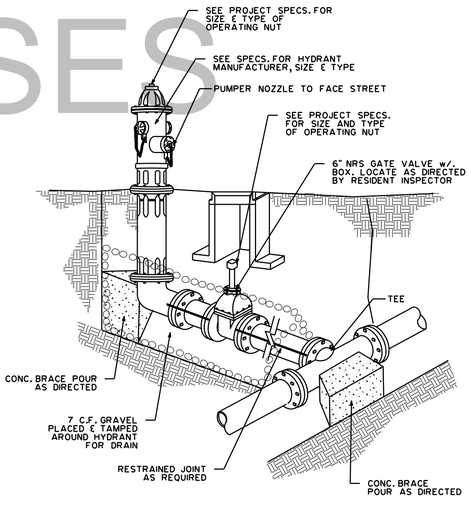
NOTES:

1. REINFORCING TO BE 1/4" STEEL REINFORCING RODS PLACED HORIZONTALLY IN SQUARES 16 1/4" x 14" AND TO BE STAGGERED APPROXIMATELY AS SHOWN ON PLAN, ONE FOR EVERY 3" OF HEIGHT OF BOX. VERTICAL BARS ARE TO BE 1" SHORTER THAN THE HEIGHT OF THE BOX AND SHALL BE PLACED IN EACH CORNER OF THE BOX AND AT THE HALFWAY POINT TO EACH SIDE OF THE BOX USING 8 RISERS TO THE BOX. TOTAL LENGTH OF REINFORCING ROD FOR BOX APPROX. 47'
2. CONCRETE MIXTURE TO BE (1) PART CEMENT, (2) PARTS SAND AND (4) PARTS NO. 2 CRUSHED STONE OR GRAVEL. TOTAL VOLUME OF MIXTURE FOR BOX APPROXIMATELY 2 CU. FT.

STANDARD CONCRETE VALVE BOX



TYPICAL STREAM CROSSING DETAIL



TYPICAL FIRE HYDRANT INSTALLATION

NOT FOR BIDDING PURPOSES



JAMES C. HAILEY & COMPANY

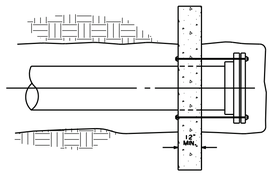
JCH PN 23163

WATER RELOCATION

STANDARD DETAILS

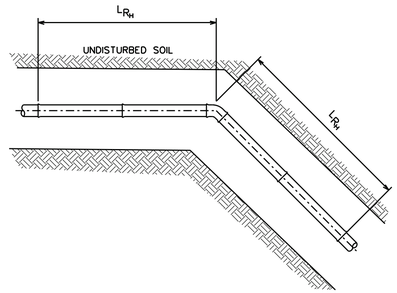
SCALE: NONE

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6 (128)	U5-4



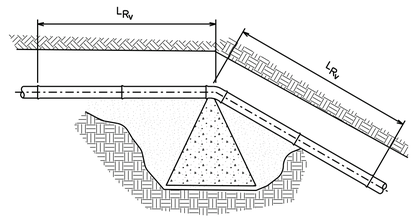
SIZE	2	4	6	8	10	12	16	20
# OF RODS	2	2	4	5	7	10	16	24

CONC. THRUST BLOCK (BRACE)
3/4" RODS - DEAD END



ANGLE OF BEND	PIPE SIZE (IN.)									
	4	6	8	10	12	16	18	20	24	30
90	43	61	77	93	108	137	151	163	188	222
45	18	25	32	39	45	57	62	68	78	92
30	11	16	21	25	29	37	40	44	50	59
22½	9	12	15	19	21	27	30	32	37	44
11¼	4	6	8	9	11	13	15	16	19	22

LENGTH OF RESTRAINED JOINT - HORIZONTAL BENDS AND VERTICAL UP BEND L_{R_H}



ANGLE OF BEND	PIPE SIZE (IN.)									
	4	6	8	10	12	16	20	24	30	
90	87	124	157	192	223	285	343	399	477	
45	36	51	65	80	93	118	142	165	197	
30	23	33	42	52	60	76	92	107	128	
22½	17	25	31	38	44	57	68	79	95	
11¼	9	12	15	19	22	28	34	39	47	

LENGTH OF RESTRAINED JOINT - VERTICAL DOWN BENDS L_{R_H}

INFORMATION ONLY
NOT FOR BIDDING PURPOSES



JAMES C. HAILEY & COMPANY
JCH PN 23163

WATER RELOCATION

STANDARD DETAILS
SCALE: NONE

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U6-1

Index Of Sheets

SHEET NO. DESCRIPTION

U6-1 ..... COVER SHEET
U6-2 - U6-3 .... SPECIFICATIONS
U6-4 - U6-4 .... PRESENT LAYOUT

Federal Project No.: R-BR-NH-6(128)
State Project No.: 83077-3220-94
Route : (Nashville Pike) Bridge over East Fork Station Camp Creek, LM 11.91 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
793-01.07	POLE 35FT CLASS 4 WOOD	EACH	1	1	N/A
793-01.41	ANCHOR 1IN	EACH	2	2	BA
793-13.07	4IN SCHEDULE 40 PVC	L.F.	138	15	N/A
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	L.F.	138	16	N/A
793-98.04	REMOVE POLES ALL SIZES	EACH	7	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.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

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
SIGNATURE
12/19/25
PROGRESS - 001113
STATE OF TENNESSEE

Job Description:

RELOCATE AT&T FACILITIES FOR TDOT ROAD PROJECT PIN NO. 124721.00, SR-6 BRIDGE OVER EAST FORK STATION CAMP CREEK IN GALLATIN.

DWG U6-1 OF U6-4

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

AT&T COVER SHEET

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U6-2

GENERAL NOTES TO CONTRACTOR, ADDITIONAL DETAILS SHEET U6-3 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 U6-3 FOR PLACEMENT INSTRUCTIONS. ALSO, REFERENCE THE ATTACHED AT&T SPECIFICATIONS DOCUMENT.

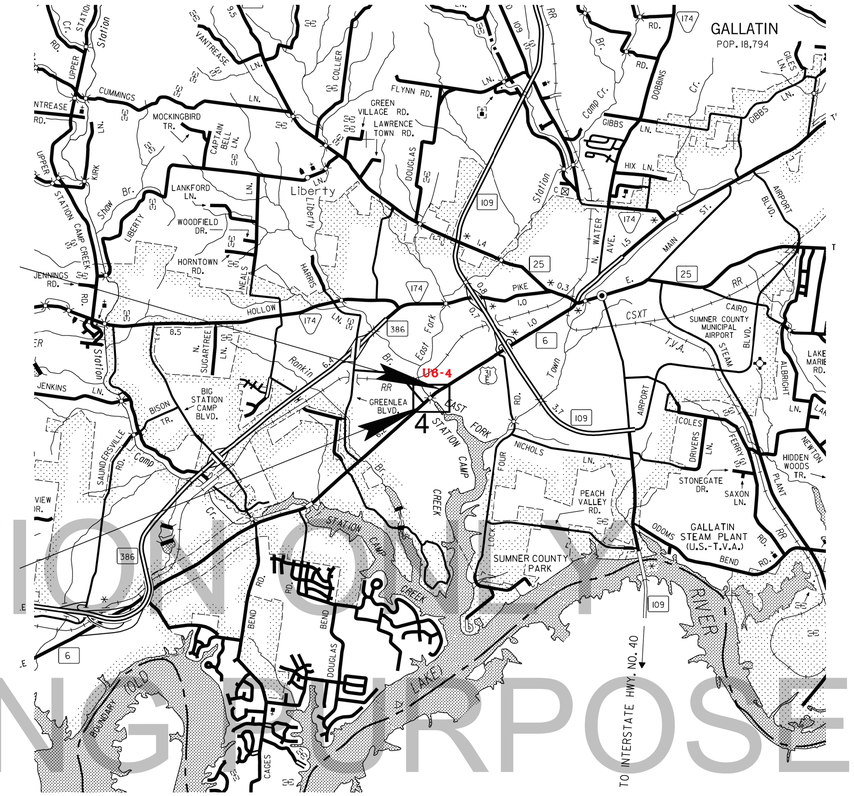
TRENCHING AND BURIED FACILITY PLACEMENT GUIDELINES

THE BOTTOM OF THE TRENCH SHOULD BE RELATIVELY SMOOTH, UNDISTURBED EARTH. IT SHOULD BE WELL TAMPED, OR IT CAN BE SAND. WHEN EXCAVATION IS IN ROCK OR ROCKY SOILS, THE CONDUIT SHOULD BE LAID ON A PROTECTIVE LAYER OF WELL-TAMPED BACKFILL. BACKFILL WITHIN 4 INCHES OF THE CONDUIT SHOULD BE FREE OF MATERIALS THAT MAY DAMAGE THE CONDUIT. BACKFILL SHOULD BE ADEQUATELY COMPACTED. MACHINE COMPACTION SHOULD NOT BE USED WITHIN 6 INCHES OF THE CONDUIT. THE FIRST 6 INCHES OF FILL DIRECTLY ABOVE THE CONDUIT MUST BE CLEAN SAND OR SOIL. THE FILL SHOULD BE FREE OF ROCKS, PAVEMENT AND FROZEN MATERIAL THAT MIGHT DAMAGE CONDUIT. SEE CONDUIT TRENCH DETAIL THIS SHEET. ALL REQUIRED BENDS MUST BE SWEEPING WITH NO LESS THAN 36 INCH RADIUS.

NOTE: THE CONDUIT DETAIL IS DEPTH FROM FINAL GRADE. WHEN PLACING THIS CONDUIT, IT IS THE ROAD BUILDER'S RESPONSIBILITY TO AVOID ALL CONFLICTS WITH THE CONSTRUCTION OF THIS ROAD PROJECT. 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.



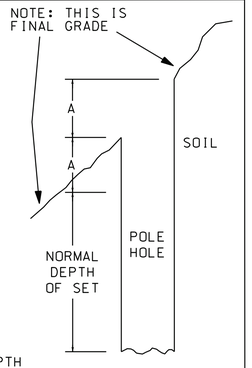
INFORMATION ONLY
NOT FOR BIDDING PURPOSES

DETAIL--PLACE POLES

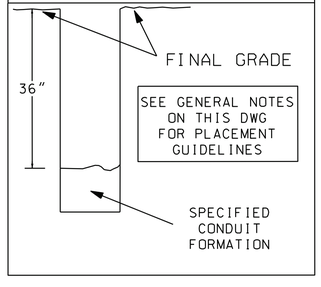
DEPTH OF SETTING HOLES (FINAL GRADE)

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

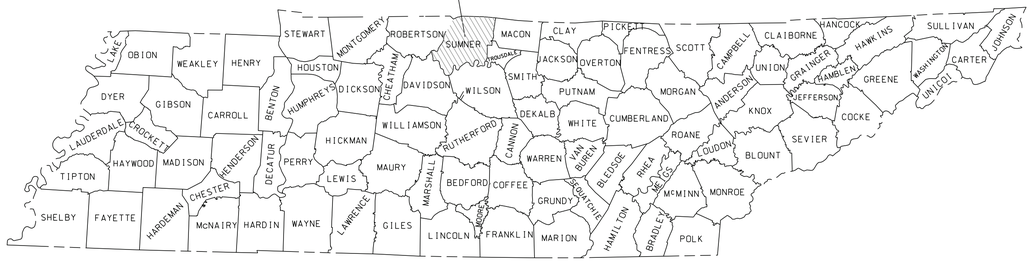


DETAIL--PLACE CONDUIT



NOTE: ALL DETAILS AND NOTES ON THIS SHEET PROVIDED BY AT&T FOR USE ON THIS PROJECT

PROJECT LOCATION



CALL BEFORE YOU DIG

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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 AGRICULTURE No. 0011755 12/19/25 STATE OF TENNESSEE

Job Description:

RELOCATE AT&T FACILITIES FOR TDOT ROAD PROJECT PIN NO. 124721.00 SR-6 BRIDGE OVER EAST FORK STATION CAMP CREEK IN GALLATIN.

DWG U6-2 OF U6-4

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

AT&T SPECIFICATIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U6-3



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	—	—	—	—

INFORMATION ONLY

NOT FOR BIDDING PURPOSES

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.

CALL BEFORE YOU DIG
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AT&T
Construction Work Drawing

PROPRIETARY INFORMATION
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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
AGRICULTURE
12/19/25
No. 0011193
STATE OF TENNESSEE

Job Description:

RELOCATE AT&T FACILITIES FOR TDOT ROAD PROJECT PIN NO. 124721.00 SR-6 BRIDGE OVER EAST FORK STATION CAMP CREEK IN GALLATIN.

DWG U6-3 OF U6-4

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

AT&T
SPECIFICATIONS

DRAINAGE / HYDRAULIC DATA
FOR EXISTING BRIDGE STA. 629+37.27
STREAM NAME: EAST FOR STATION CAMP CREEK

BRIDGE ID. #: 83SR0060009
STREAM BED LINING: SILT
DIRECTION OF FLOW: RIGHT
DRAINAGE AREA 21,455 AC; ( ) FLAT; (X) ROLLING; ( ) HILLY; ( ) MTNS.
PRESENT STRUCTURE: SPAN 139.71', HEIGHT 15.14', STRUCTURE: CONCRETE
SUPERSTRUCTURE: CONCRETE
BEGIN STATION - OFFSET 628+65.26 - 0.00' O/S, END STATION - OFFSET 630+03.01 - 0.00' O/S
LOW BEAM ELEV. 460.20', LOCATION: RIGHT MOST GIRDER (LOOKING UP STATION)
INLET INVERT ELEV. 437.1', OUTLET INVERT ELEV. 436.9'
NORMAL WATER ELEV. 445.06', EXTREME HIGHWATER ELEV. 457', DATE: 3/2019
HOW OBTAINED: PUMP STATION WORKER.
BACKWATER FROM WHAT STREAM (IF APPLICABLE): N/A
EXISTING STRUCTURE CONDITION: FAIR

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U6-4

REV. 04-06-2023 - UPDATED PROPERTY LINES FOR TRACT 5, REDUCED CONSTRUCTION EASEMENTS FOR TRACTS 5 AND 8 TO AVOID BUILDING, AND UPDATED PROPERTY OWNER NAMES FOR TRACTS 5, 7 AND 8.

LEGEND

- EXISTING TELEPHONE POLE
- PROPOSED TELEPHONE POLE
- REMOVED TELEPHONE POLE
- EXISTING POWER POLE
- PROPOSED POWER POLE
- PROPOSED ANCHOR
- PROPOSED CONDUIT
- EXISTING CONDUIT/DIRECT BURY CABLE
- ABANDONED CONDUIT/DIRECT BURY CABLE
- PROPOSED HANDHOLE
- EXISTING PEDESTAL

GREEN - REMOVAL OR ABANDON
ORANGE - EXISTING TO REMAIN
RED - PROPOSED
BLUE - TEMPORARY

TURN CONDUIT UP AT EXISTING BURIED FIBER CABLE. AT&T FORCES WILL DIG PIT, EXPOSE CABLE, AND PLACE HANDHOLE FOR SPLICE.

PLACE MR1-1 ANCHOR ITEM# 793-01.41

138' 1 DUCT FORMATION @ 36IN DEPTH ITEM# 793-13.12
138' 4IN SCHEDULE 40 PVC ITEM# 793-13.07

PLACE MR1-1 ANCHOR ITEM# 793-01.41

REMOVE POLE ITEM# 793-98.04 (×5)

PLACE 35-4 WOOD POLE ITEM# 793-01.07

10' OFF CENTER OF UTILITY LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

10' OFF CENTER OF SEWER LINE OBTAINED FROM CONSTRUCTION PLAN ON FILE AT THE CITY OF GALLATIN UTILITIES

PROP. SR-6
PI 632+92.62
N 741,859.4521
E 1,826,062.2412
Δ 8° 21' 15" (RT)
D 0° 42' 58"
R 8,000.00
L 1,166.45
T 584.26
SE -0.020 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH: MATCH EXISTING

EXISTING BRIDGE T.B.R.
STA. 629+37.50
BRIDGE ID NO. 83SR0060009
143' - 5 SPAN CONCRETE
70' OUT-TO-OUT WIDTH
SKEW 75*

83077-2220-94
BEGIN PROJ. NO. BR-NH-6(128) R.O.W.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
BEGIN PROJ. NO. BR-NH-6(128) CONST.
STA. 624+00.00
N 741272.6280
E 1825389.7006

83077-3220-94
END PROJ. NO. BR-NH-6(128) CONST.
STA. 634+65.00
N 741945.1050
E 1826214.7898

83077-2220-94
END PROJ. NO. BR-NH-6(128) R.O.W.
STA. 635+02.17
N 741966.7168
E 1826245.0280

Point	North	East	Elevation	Station	Offset	Feature	Description
S27	741472.4559	1825673.7353	460.4380	627+45.97	34.8698	XCP	83-06-27
S28	741804.6289	1825955.9886	469.9730	631+74.48	-42.1059	XCP	83-06-28

LEGEND	
CONST. ESMT.	
SLOPE ESMT.	

AT&T
Construction Work Drawing

PROPRIETARY INFORMATION
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State: TENNESSEE
District: TN/KY WEST (MTN)
Exchange: GALLTNMA (GALLATIN)

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AT&T Consultant:
Nextera Consultants, LLC
Phone: (615) 708-7549
Ted Archie, Designer
Michael L. Cherry, P.E.

MICHAEL LEE CHERRY — REGISTERED ENGINEER — AGRICULTURE — 12/9/25 — No. 120111755 — STATE OF TENNESSEE

Job Description:

RELOCATE AT&T FACILITIES FOR TDOT ROAD PROJECT PIN NO. 124721.00 SR-6 BRIDGE OVER EAST FORK STATION CAMP CREEK IN GALLATIN.

DWG U6-4 OF U6-4

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. 622+42.75 TO STA. 636+48.75
SCALE: 1"= 50'

$$$$SYTIME$$$$$$
$$$$DGNSPEC$$$$$$

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U7-01

SUMNER COUNTY
PIN#: 124721.00

INDEX OF DRAWINGS

U7-01 ESTIMATED QUANTITIES AND DRAWINGS INDEX
U7-02 VICINITY MAP AND LEGEND
U7-03 GENERAL NOTES
U7-04 ELECTRIC UTILITY RELOCATION STA. 622+42.75 TO STA. 636+48.75
U7-05 POLE AND ANCHOR LOCATIONS
U7-06 CONSTRUCTION DETAILS
U7-07 CONSTRUCTION DETAILS

ESTIMATED QUANTITIES

	ITEM NO.	TDOT DESCRIPTION	UTILITY UNIT DESCRIPTION	UNIT	QUANTITY	PERCENT PUBLIC	PERCENT PRIVATE
1	790-07.05	POLE 60FT CLASS 1 METAL	60-1SP	EACH	1	67%	33%
2	790-26.21	3PH VERTICAL DDE ANGLE 25KV	VC4-1LP	EACH	1	67%	33%
2	790-26.32	3PH CROSSARM 10FT FBRGLS X-ARM DDE 25KV	VC8-FG10P	EACH	1	67%	33%
	790-30.03	SECONDARY ASSEMBLIES DEADEND	J6P	EACH	1	67%	33%
			J6NP	EACH	1	67%	33%
			J6SP	EACH	2	67%	33%
	790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	VE3-5H	EACH	6	67%	33%
	790-32.08	OH GUY - THROUGH BOLT TYPE HEAVY DUTY	VE4-5H-GH96	EACH	3	67%	33%
	790-32.23	GUY GUARD	E3-10	EACH	6	67%	33%
	790-33.31	SCREW TYPE ANCHOR 23,000LB (F1-5D-P)	F1-5D-P	EACH	4	67%	33%
3	790-36.12	TRANSFER EXISTING 3PH TRANSFORMER/RECLOSER	TRANSFER	EACH	1	67%	33%
3	790-36.15	TRANSFER FRAMING/ASSOCIATED APPARATUS	TRANSFER	EACH	2	67%	33%
	790-61.01	1PH FUSE CUTOUT XARM MOUNT 25KV	VM5-9	EACH	1	67%	33%
	790-68.13	SGL PHASE MOUNTING BRACKET - FIBERGLASS	ACP-1PH	EACH	1	67%	33%
	790-69.11	GROUND-GROUND ROD FOR ST POLE	M2-5	EACH	1	67%	33%
	790-69.32	ARM PIN	VM5-5	EACH	2	67%	33%
	790-69.41	EXTENSION LINK - EPOXY -8FT	EX-LINK96	EACH	9	67%	33%
4	790-98.01	REMOVE WIRE	REMOVE WIRE	LF	804	67%	33%
5	790-98.02	REMOVE POLES	REMOVE POLES	EACH	2	67%	33%
6	790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	REMOVE FRAMING	EACH	32	67%	33%

INFORMATION ONLY
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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 TRANSFERING 3-PH-RECLOSER AND ASSOCIATED APPARATUS.
4. INCLUDES SECONDARY WIRE, 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. 123310
STATE OF TENNESSEE
02/12/2026

CEMC CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.40
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

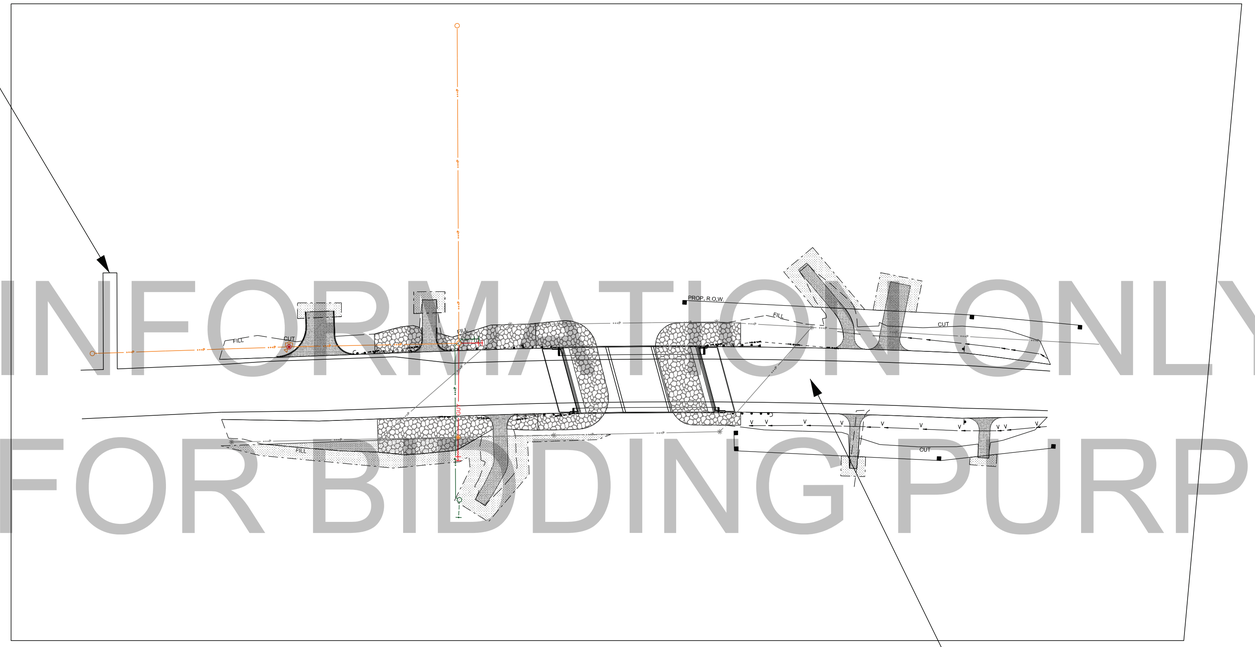
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U7-02

SUMNER COUNTY
PIN#: 124721.00

SUMNER COUNTY

SR-6 (NASHVILLE PIKE) BRIDGE OVER EAST FORK STATION CAMP CREEK

HARRIS LANE



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N

NASHVILLE PIKE (31E)

LEGEND

+++P	EXISTING 3PH POWER BY OTHERS
+++P	EXISTING 3PH POWER
+++P	REMOVAL 3PH POWER
GUY	PROPOSED OVERHEAD GUY
	PROPOSED ANCHOR
	REMOVAL ANCHOR
	EXISTING POLE BY OTHERS
	REPLACE IN PLACE POLE
	EXISTING POLE TO REMAIN
	REMOVE POLE
	EXISTING TRANSFORMER
	EXISTING 3PH RECLOSER

811 Know what's **below.** **Call 811** before you dig.

J. TYLER BOMAR
REGISTERED ENGINEER
No. 128310
STATE OF TENNESSEE
02/12/2026

CEMC CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.40
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
VICINITY MAP AND LEGEND

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U7-03

SUMNER COUNTY
PIN#: 124721.00

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.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

J. TYLER BOMAR
REGISTERED ENGINEER
No. 118310
STATE OF TENNESSEE
02/12/2026

CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

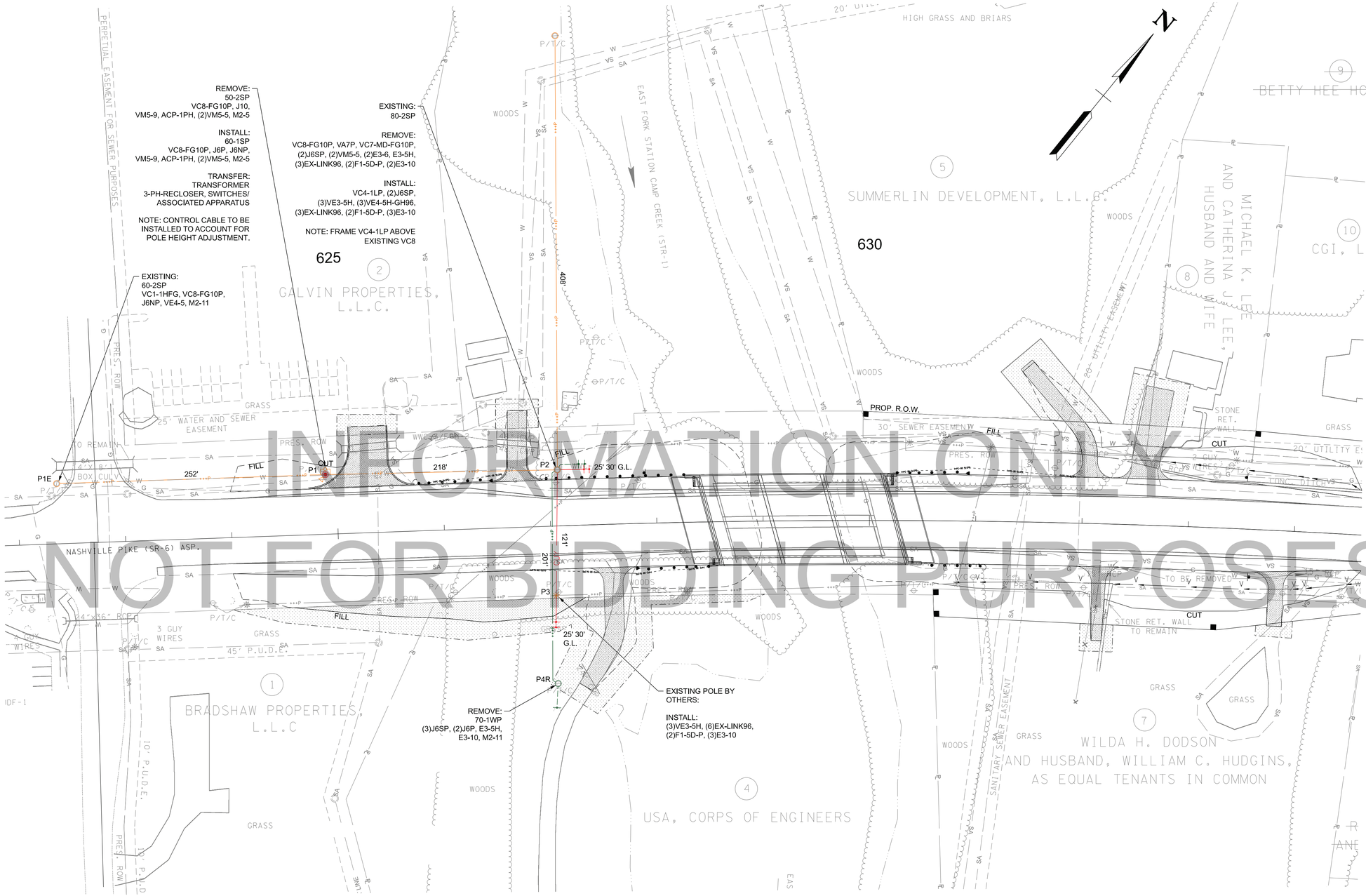
JOB NUMBER:	29766.40
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE: NONE	DATE: 12.26.25

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	R-BR-NH-6(128)	U7-04

SUMNER COUNTY
PIN#: 124721.00



INFORMATION ONLY
NOT FOR BIDDING PURPOSES

811 Know what's below. Call 811 before you dig.

J. TYLER BOMAR
REGISTERED ENGINEER
No. 118310
STATE OF TENNESSEE

02/12/2026

CEMC
CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.40
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE	DATE
1"=50'	12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

ELECTRIC UTILITY RELOCATION
STA. 622+42.75 TO STA. 636+48.75

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U7-05

SUMNER COUNTY
PIN#: 124721.00

INFORMATION ONLY

INSTALLATION POLE LOCATIONS

POLE NO.	POLE COORDINATES		INSIDE ANCHOR COORDINATES		OUTSIDE ANCHOR COORDINATES	
	NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
P1	741374.05	1825420.55				
P2			741531.20	1825606.28	741534.43	1825610.10
P3			741403.13	1825676.46	741399.22	1825679.58

NOT FOR BIDDING PURPOSES

J. TYLER BOMAR
REGISTERED ENGINEER
COMMERCE
No. 128310
STATE OF TENNESSEE

02/12/2026

CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

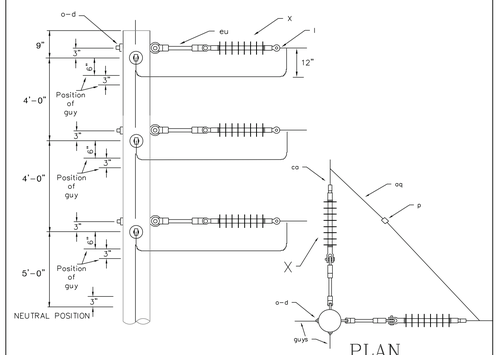
JOB NUMBER:	29766.40
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE	DATE
NONE	12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

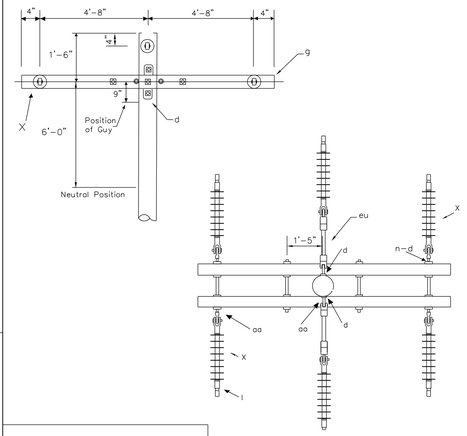
ELECTRIC UTILITY RELOCATION
POLE AND ANCHOR LOCATIONS

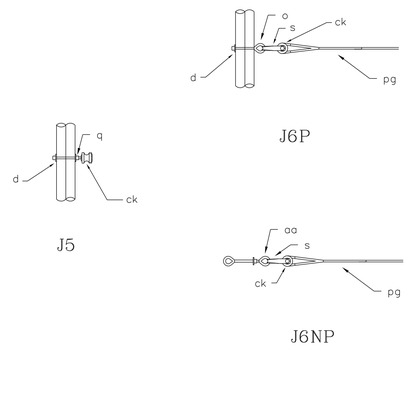
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U7-06

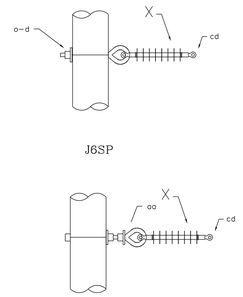
SUMNER COUNTY
PIN#: 124721.00



PLAN







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

Sept 03

DATE 4/9/03
DRAWN BY: BMW
VC4-1LP

14.4/24.9 KV PRIMARY
3-PHASE VERTICAL CONST
45 to 90 DEGREE ANGLE (LARGE COND)

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

DATE 4/9/03
DRAWN BY:BMW
VC8-FG10P

14.4/24.9 KV PRIMARY
3-PHASE CROSSARM
CONST.-DEADEND (DOUBLE)

ITEM	MATERIAL DESCRIPTION	CODE	J5	J6P	J6NP
	WASHER, SQUARE CURVED 3"	704400		1	
	BOLT, OVALEYE 5/8"	267000		1	
	CLEVIS, SECONDARY	330000		1	1
	NUT, EYE 5/8 INCH	336000			1
	INSULATOR, SECONDARY SMALL	342000	1	1	1
	CLAMP, NEUTRAL PREFORM GRIP	340011		1	1
	WASHER, SQUARE 2 1/4"	N/A	1		
	BOLT, DOUBLE UPSET 5/8"	268000	1		

DATE 4/8/03
DRAWN BY: BMW
J5, J6P & J6NP

NEUTRAL ASSEMBLIES

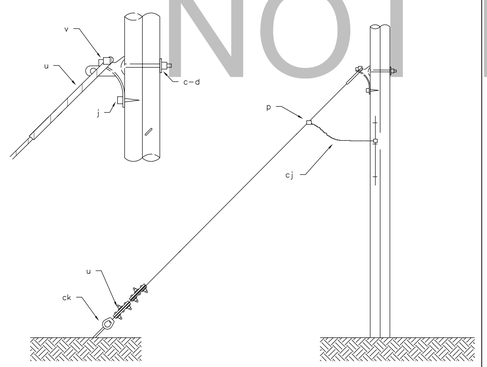
ITEM	MATERIAL DESCRIPTION	CODE	J6SP	J6SNP
X	INSULATOR, POLYMER	346500	1	1
o	BOLT, OVALEYE 5/8"	267000	1	
aa	NUT EYE, 5/8 INCH	336000		1
cd	CLAMP, DEADEND / STRAIN	287000	1	1
d	WASHER, SQUARE CURVED 3"	704400	1	
	NOTE: SQUARE CURVED WASHERS USED WITH OVALEYE BOLT			

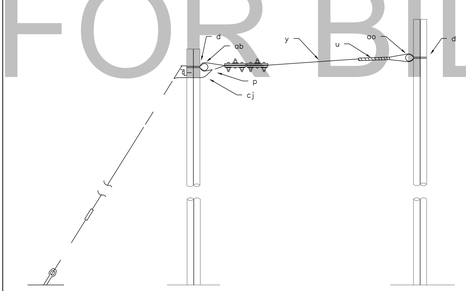
REV: Sept 09

DATE 4/8/03
DRAWN BY: BMW
J6SP & J6SNP

NEUTRAL ASSEMBLIES

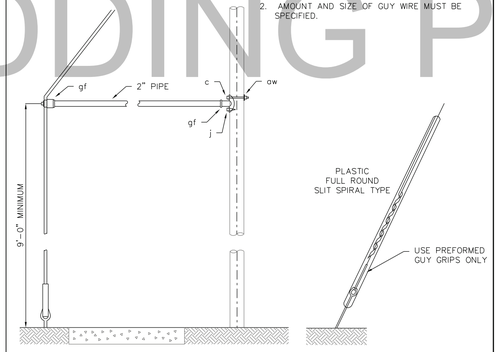
INFORMATION ONLY
NOT FOR BIDDING PURPOSES





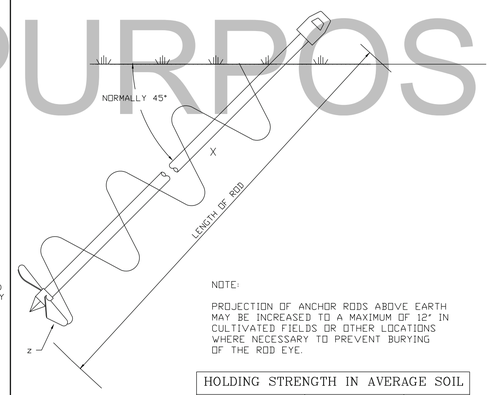
NOTE:
1. INSTALL FIBERGLASS INSULATOR AT PRIMARY POLE. DO NOT BOND GUY AT PRIMARY POLE.

NOTE:
1. GUY, SIDEWALK IN MATERIAL DESCIPTION REFERS TO POLE PLATE FITTINGS AND CLAMP END FITTING.
2. AMOUNT AND SIZE OF GUY WIRE MUST BE SPECIFIED.



E3-11

E3-10



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	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
u	GUY PREFORM GRIP	340000	1
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

DATE 9/29/03
DRAWN BY:JCM
VE3-5H

SINGLE DOWN GUY THROUGH BOLT TYPE HEAVY CONSTRUCTION

ITEM	MATERIAL DESCRIPTION	CODE	VE4-5H
d	WASHER, SQUARE CURVED	704400	1
p	CONNECTORS, AS REQD	N/A	as reqd
u	CLAMP, 3 BOLT	340000	2
u	GUY PREFORM GRIP	340000	1
ab	NUT, THIMBLE EYE 3/4 INCH	337000	1
aa	BOLT, THIMBLE EYE 3/4 INCH	272500	1
cj	WIRE 6 BA CU S.D.	424000	3'
NOT SHOWN	INSULATOR, 96" FIBERGLASS STRAIN	288001	1

DATE
DRAWN BY:
VE4-5H-GH96

SINGLE OVERHEAD GUY THROUGH BOLT TYPE HEAVY CONSTRUCTION

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
	GUY GUARD	341000	1	
gf	GUY, SIDEWALK	413000		1
zz	CONDUIT, RIGID 2 INCH METAL	520000		5'

REV: Sept 09

DATE 8-22-92
DRAWN BY:GKC
E3-10 & E3-11

GUY GUARD & SIDEWALK GUY

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

DATE 4-8-96
DRAWN BY:ja
F1-2D-P THRU F1-6T-P

ANCHOR ASSEMBLIES SCREW TYPE

J. TYLER BOMAR
REGISTERED ENGINEER
No. 129339
STATE OF TENNESSEE

02/12/2026

CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

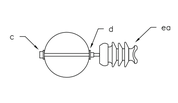
JOB NUMBER:	29766.40
DESIGNED:	VKO
DRAWN:	RRK
CHECKED:	JTB
SCALE: NONE	DATE: 12.26.25

Gresham Smith
222 2ND AVENUE SOUTH
SUITE 1400
NASHVILLE, TENNESSEE 37201
(615) 770-8100

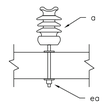
ELECTRIC UTILITY RELOCATION
CONSTRUCTION DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U7-07

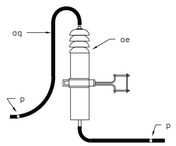
SUMNER COUNTY
PIN#: 124721.00



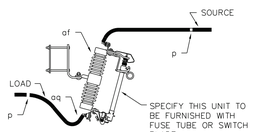
VM5-4



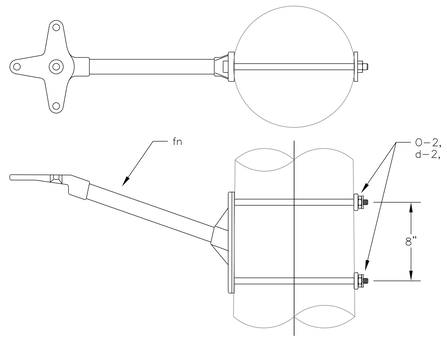
VM5-5

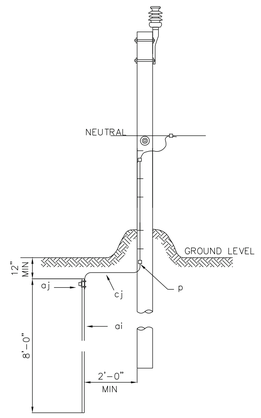


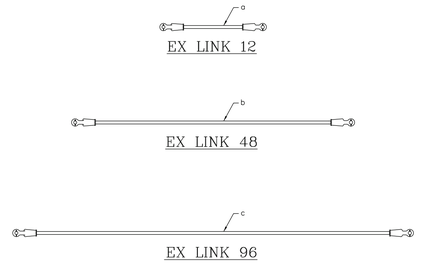
VM5-6



VM5-9







ITEM	MATERIAL DESCRIPTION	CODE	VM5-4	VM5-5	VM5-6	VM5-9
ea	INSULATOR, POST TYPE	347000	1	1		
c	BOLT, MACHINE 3/4"	271000	1			
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

REV: Sept 09

14.4/24.9 KV
MISCELLANEOUS PRIMARY ASSEMBLIES

DATE 8-15-92
DRAWN BY:GKC
VM5-4 THRU VM5-9

ITEM	MATERIAL DESCRIPTION	CODE	ACP-1PH
d	WASHER, SQUARE CURVED 3"	704400	2
o	BOLT, OVALEYE 5/8 INCH	267000	2
FN	SINGLE PHASE MOUNTING BRACKET - FIBERGLASS		1

SINGLE PHASE
STANDOFF BRACKET

DATE 4/9/03
DRAWN BY:
ACP-1PH

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	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

INFORMATION ONLY

NOT FOR BIDDING PURPOSES

J. TYLER BOMAR
REGISTERED ENGINEER
No. 128319
STATE OF TENNESSEE
02/12/2026

CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION

JOB NUMBER:	29766.40
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
CONSTRUCTION DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U8-1
		83077-3220-94	

SUMNER CO.

SHEET INDEX	
U8-1	SHEET INDEX & ESTIMATED QUANTITIES
U8-2	GENERAL NOTES & ASSEMBLY DETAILS
U8-3	FIBER UTILITY RELOCATION STA. 622+42.75 TO STA. 636+48.75

INFORMATION ONLY

ESTIMATED QUANTITIES

FOOTNOTE	ITEM	TDOT DESCRIPTION	UTILITY DESCRIPTION	UNIT	TOTAL QUANTITIES	PERCENT UTILITY	PERCENT PROJECT
	790-74.31	FIBER TANGENT ASSM	FT1	EA	3	0%	100%
	790-74.33	FIBER DOUBLE DEADEND ASSM	FDDE	EA	3	0%	100%
1	790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	REMOVE FRAMING/ASSOCIATED APPARATUS	EA	6	0%	100%

NOT FOR BIDDING PURPOSES

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 EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

JOB NUMBER: 82016
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE: N/A
DATE: 02/01/2024

FIBER UTILITY RELOCATION
SHEET INDEX & ESTIMATED QUANTITES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U8-2
		83077-3220-94	

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.

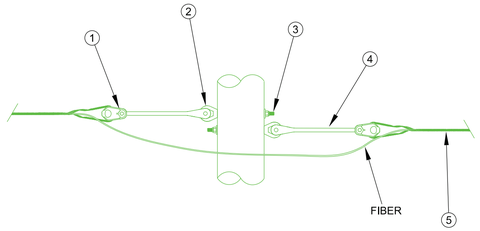
28 CONSULT MANUFACTURERS CABLE SPECIFICATION SHEET FOR MINIMUM BENDING RADIUS AND MAXIMUM PULLING TENSION FOR THE SPECIFIED CABLE.

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.



NOTE:

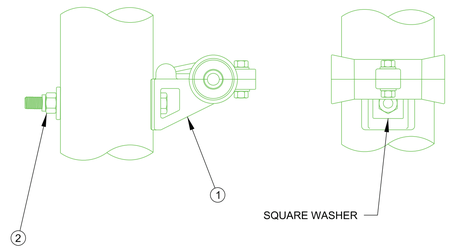
1. FOR USE ON ANGLES FROM 0° TO 90°.
2. FIBER CONDUCTORS ARE NOT INCLUDED IN THIS ITEM.

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. CLAMP MAY BE BANDED TO POLE IF REQUIRED.
2. MAXIMUM LINE OR SAG ANGLE IS 22°.

ID	QTY.	DESCRIPTION
1	1	CLAMP, ADSS, SIZE AS REQ'D
2	1	MACHINE BOLT, 5/8", LENGTH AS REQ'D

ADSS FIBER CLAMP

N.T.S.

FT1

LEGEND

F — FIBER PROPOSED

F — FIBER EXISTING/REMOVAL

JOSEPH KEY
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 124536
STATE OF TENNESSEE
2/1/2024

GDE

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

JOB NUMBER: 82016
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

SCALE: N/A

DATE: 02/01/2024

FIBER UTILITY RELOCATION
GENERAL NOTES & ASSEMBLY DETAILS

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	R-BR-NH-6(128)	U8-3
		83077-3220-94	

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.

INFORMATION ONLY
NOT FOR BIDDING PURPOSES

ITEM	INSTALLS	TOTAL	31971	36067	26710	26709	31972	26711
790-74.31	FT1	3	1	1			1	
790-74.33	FDDE	3			1	1		1
	REMOVALS	TOTAL	31971	36067	26710	26709	31972	26711
790-98.03	FT1	3	1	1			1	
790-98.03	FDDE	3			1	1		1

JOSEPH KEY
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 124536
STATE OF TENNESSEE
2/1/2024

GDE

JOB NUMBER: 82016
DESIGNED: CED
DRAWN: TDS
CHECKED: JWC

SCALE: 1"=50'
DATE: 02/01/2024

TDOT DESCRIPTION

(NASHVILLE PIKE) BRIDGE OVER EAST FORK STATION CAMP CREEK, LM 11.9 IN GALLATIN (IA) ROUTE: SR-6

Allen&Hoshall
engineering since 1915
8331 E. WALKER SPRINGS LANE, SUITE 102
KNOXVILLE, TENNESSEE 37923

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