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ROADWAY INDEX

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NOTE: THE ALPHABETICAL LETTERS “I”, “O” & “Q” ARE NOT USED IN NUMBERING OF SHEETS. SHEETS 50 - 59 ARE NOT USED.	

Footnotes:

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

STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
RD-TP-1	10-01-24	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
RD-L-2	02-20-20	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-3	03-01-23	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-4	10-01-24	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-5	07-30-24	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-8	02-20-20	STANDARD LEGEND FOR NATURAL STREAM DESIGN
10-101.00 ROADWAY DESIGN STANDARDS		
RD11-TS-6A		TYPICAL CURB & GUTTER SECTIONS WITHOUT SHOULDERS AND WITH GRASS STRIPS
RD11-TS-6C		TYPICAL CURB AND GUTTER SECTIONS WITHOUT SHOULDERS AND WITHOUT GRASS STRIPS
RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS
RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD11-SA-1	01-09-24	SAFETY APPROACH TO UNDERPASSES GRADING DESIGN AND SLOPE PROTECTION
RD11-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD11-SD-2		INTERSECTION SIGHT DISTANCE LANDSCAPE AND OBSTRUCTION
RD11-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS
RD11-SD-4		INTERSECTION SIGHT DISTANCE 4-LANE AND 5-LANE UNDIVIDED ROADWAYS
RD-UD-3	01-09-24	UNDERDRAIN DETAILS
10-102.00 PIPE CULVERTS AND ENDWALLS		
D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	03-01-23	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION
D-PB-3	11-30-20	INDUCED TRENCH SOIL EMBANKMENT FOR PIPE CULVERT INSTALLATION
D-PB-4	01-09-24	PIPE COLLAR DETAILS
D-PE-24A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)

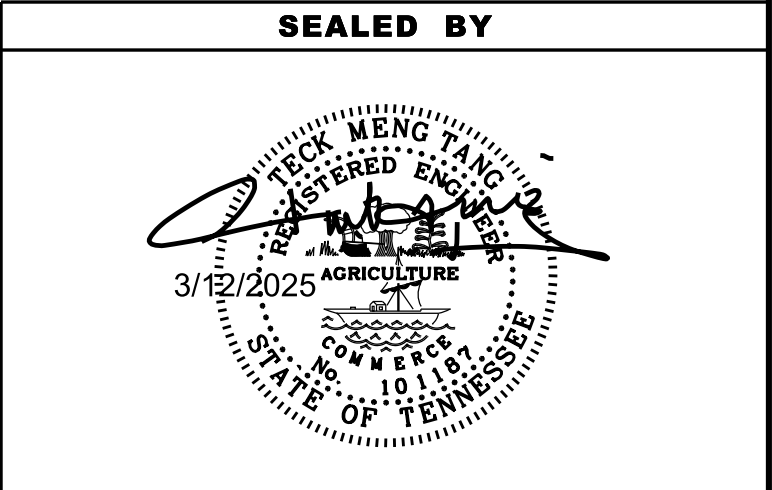
DWG.	REV.	DESCRIPTION
D-PE-24B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-30A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 30" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-30B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 30" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-36A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 36" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-36B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 36" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-99	03-04-21	TYPE "U" CROSS DRAIN ENDWALL DETAILS, PIPE GRATE & SKEWED CONNECTION
D-SEW-1A	07-07-23	TYPE "SAFETY" SIDE ENDWALL WITH STEEL PIPE GRATE, FOR 15" THRU 48" PIPES, 6:1 SLOPE
D-PE-4	06-28-19	STRAIGHT CONCRETE ENDWALLS (PIPE SIZES 18" TO 30")
D-PE-5	06-28-19	STRAIGHT CONCRETE ENDWALLS FOR HORIZONTAL OVAL CONCRETE PIPES (ALL SIZES AND SKEWS)
D-PEW-1		PROTECTED ENDWALLS FOR ROUND & OVAL PIPES (PIPE SIZES 18" TO 72", ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PEW-2		PROTECTED ENDWALLS FOR ROUND PIPES DETAILS & QUANTITIES (PIPE SIZES 18" TO 72", ALL SKEWS, 2:1 & 3:1 SLOPES)

10-103.00 CATCH BASINS AND MANHOLES

D-CB-DI		ALTERNATE CATCH BASIN DROP INLET DETAILS
D-CB-12LP	02-20-20	LOW PROFILE 32" X 32" SQUARE CONCRETE NO. 12LP CATCH BASIN FOR USE WITH 6" VERTICAL CURB
D-CB-12LPA		ALTERNATE REINFORCEMENT FOR PRECAST CONCRETE 32" X 32" NO. 12LP CATCH BASIN
D-CB-12P	02-20-20	STANDARD PRECAST RECTANGULAR CONCRETE NO.12 CATCH BASIN
D-CB-12RA	01-28-22	STANDARD PRECAST 48" CIRCULAR NO. 12 CATCH BASIN FOR USE WITH 6" VERTICAL CURB
D-CB-12RB	02-20-20	STANDARD PRECAST 60" AND 72" CIRCULAR NO. 12 CATCH BASIN FOR USE WITH 6" VERTICAL CURB
D-CB-12RC	02-20-20	STANDARD PRECAST 84" THRU 120" CIRCULAR NO. 12 CATCH BASIN FOR USE WITH 6" VERTICAL CURB
D-CB-12S	02-20-20	STANDARD RECTANGULAR CONCRETE NO. 12 CATCH BASIN
D-CB-12SB	02-20-20	STANDARD 4' X 4' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-12SC	02-20-20	STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-13P	02-20-20	STANDARD PRECAST RECTANGULAR CONCRETE NO. 13 CATCH BASIN
D-CB-13RA	01-28-22	STANDARD PRECAST 48" CIRCULAR NO. 13 CATCH BASIN FOR USE WITH 6" VERTICAL CURB
D-CB-13RB	02-20-20	STANDARD PRECAST 60" AND 72" CIRCULAR NO. 13 CATCH BASIN FOR USE WITH 6" VERTICAL CURB
D-CB-13RC	02-20-20	STANDARD PRECAST 84" THRU 120" CIRCULAR NO. 13 CATCH BASIN (FOR USE WITH 6" VERTICAL CURB)

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	1A

REV. 3-12-25: ADDED SHEET ROADWAY-SIGN2



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS


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ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79011-1245-04
	ALTERNATE AA2		
203-06	WATER	M.G.	2465
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	9952
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	415
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	745
307-01.21	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A-S	TON	15199
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	16545
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	11806
309-01.01	MINERAL AGGREGATE (A-CBC)	TON	22261
309-01.02	PORTLAND CEMENT (A-CBC)	TON	1084
309-02	BITUMINOUS MATERIAL (A-CBC)	TON	71
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	19
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	70
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	99
405-01.01	BITUMINOUS MATERIAL (BSC)	TON	25
405-01.02	MINERAL AGGREGATE (BSC)	TON	220
411-01.10	ACS MIX(PG64-22) GRADING D	TON	552
411-02.10	ACS MIX(PG70-22) GRADING D	TON	7656
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	1640
604-07.01	RETAINING WALL NO.1 (STA. 79+33.80 TO STA. 80+01.80)	S.F.	453
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	5209
607-03.05	18" CONCRETE PIPE CULVERT (CLASS IV) JACKED-IN-PLACE	L.F.	90
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	3316
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	1848
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	L.F.	2611
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	L.F.	796
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	96
607-39.09	60" PIPE CULVERT (SIDE DRAIN)	L.F.	55
611-01.02	MANHOLES, > 4' - 8' DEPTH	EACH	9
611-01.03	MANHOLES, > 8' - 12' DEPTH	EACH	8
611-01.04	MANHOLES, > 12' - 16' DEPTH	EACH	5
611-01.05	MANHOLES, > 16' - 20' DEPTH	EACH	1
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	EACH	3
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	25
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	714
611-07.31	18IN ENDWALL (SIDE DRAIN)	EACH	4
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	EACH	1
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	3
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	EACH	2
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	EACH	32
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	EACH	20
611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	EACH	6
611-12.05	CATCH BASINS, TYPE 12, > 16' - 20' DEPTH	EACH	2
611-13.02	CATCH BASINS, TYPE 13, > 4' - 8' DEPTH	EACH	2
611-14.01	CATCH BASINS, TYPE 14, 0' - 4' DEPTH	EACH	1
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	EACH	27
611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	EACH	11
611-14.04	CATCH BASINS, TYPE 14, > 12' - 16' DEPTH	EACH	3

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	2

REV. 3-12-25: REVISED ITEM NO. 202-03.02, 203-01, 303-01,
307-01.21, 307-02.01, 309-01.01, 309-01.02, 309-02, 402-01,
402-02, 403-01, 405-01.01, & 405-01.02.
REMOVED ITEM NO. 204-08.01

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**ESTIMATED
ROADWAY
QUANTITIES**

SHEET 1 OF 3

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ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79011-1245-04
29-	611-16.02 CATCH BASINS, TYPE 16, > 4' - 8' DEPTH	EACH	1
29-	611-25.02 CATCH BASINS, TYPE 25, > 4' - 8' DEPTH	EACH	2
29-	611-42.01 CATCH BASINS, TYPE 42, 0' - 4' DEPTH	EACH	6
29-	611-42.02 CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	EACH	2
29-	611-42.03 CATCH BASINS, TYPE 42, > 8' - 12' DEPTH	EACH	1
29-	611-43.02 CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	EACH	1
	611-63.01 JUNCTION STRUCTURE, 48IN ROUND, > 4FT-8FT DEPTH	EACH	6
	611-63.51 JUNCTION STRUCTURE, 108IN ROUND, > (9FT DEPTH)	EACH	2
7-	621-03.02 18" TEMPORARY DRAINAGE PIPE	L.F.	582
8-	701-01.01 CONCRETE SIDEWALK (4 ")	S.F.	108731
	701-02 CONCRETE DRIVEWAY	S.F.	4401
33-	701-02.01 CONCRETE CURB RAMP (RETROFIT)	S.F.	208
	701-02.02 CONCRETE DRIVEWAY (8")	S.F.	13629
24-	701-02.03 CONCRETE CURB RAMP	S.F.	2465
	702-01 CONCRETE CURB	C.Y.	42
28-	702-03 CONCRETE COMBINED CURB & GUTTER	C.Y.	1353
	705-06.01 W BEAM GR (TYPE 2) MASH TL-3	L.F.	100
	705-06.20 GR TERMINAL (ENERGY ABSORBING) MAST TL-3	EACH	8
	705-06.25 THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	8
	706-01 GUARDRAIL REMOVED	L.F.	756
	707-08.11 HIGH VISIBILITY CONSTRUCTION FENCE	LF	1065
	709-05.05 MACHINED RIP-RAP (CLASS A-3)	TON	1050
27-	709-05.06 MACHINED RIP-RAP (CLASS A-1)	TON	3212
23-	709-05.08 MACHINED RIP-RAP (CLASS B)	TON	3981
34-	710-02 AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	16156
	712-01 TRAFFIC CONTROL	LS	1
	712-02.02 INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	19565
9-	712-02.60 TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	54
	712-04.50 BARRIER RAIL DELINEATOR	EACH	200
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	721
	712-05.01 WARNING LIGHTS (TYPE A)	EACH	28
	712-05.03 WARNING LIGHTS (TYPE C)	EACH	47
	712-06 SIGNS (CONSTRUCTION)	S.F.	1048
	712-07.02 TEMPORARY BARRICADES (TYPE II)	L.F.	65
	712-07.03 TEMPORARY BARRICADES (TYPE III)	L.F.	4249
	712-08.03 ARROW BOARD (TYPE C)	EACH	3
35-	712-08.08 SPEED FEEDBACK SIGN ASSEMBLY	EACH	6
10-	712-09.02 REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	14664
10-	712-09.03 REMOVABLE PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	31
10-	712-09.04 REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	314
10-	712-09.05 REMOVABLE PAVEMENT MARKING (ARROW)	EACH	26
10-	712-09.08 REMOVABLE PAVEMENT MARKING (6" LINE)	L.F.	26467
	713-02.14 FLEXIBLE DELINEATORS (WHITE)	EACH	13
	713-11.01 "U" SECTION STEEL POSTS	LB.	1469
	713-11.02 PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	300
	713-11.21 P POST SLIP BASE	EACH	3
	713-13.02 FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	231
	713-13.03 FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	278
17-	713-15 REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-15.02 REMOVAL & RELOCATION OF SIGN & SUPPORT	EACH	5
	713-15.35 METAL BARRICADE (TYPE III)	EACH	3

ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 79011-1245-04
10,25-	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	19
	713-16.07 END OF ROADWAY SIGN AND SUPPORT	EACH	2
10,14-	716-01.07 TEMPORARY RAISED PAVEMENT MARKER, YELLOW	EACH	99
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	325
	716-01.22 SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	504
	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	550
15-	716-02.04 PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	220
15-	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	1192
15-	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	44
15-	716-02.08 PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	2736
15-	716-02.09 PLASTIC PAVEMENT MARKING (LONGITUDINALCROSS-WALK)	L.F.	1692
15-	716-02.12 PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.86
15-	716-03.01 PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	25
15-	716-04.02 PLASTIC PAVEMENT MARKING (DOUBLE TURNING ARROW)	EACH	5
15-	716-04.04 PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.	44
15-	716-04.12 PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	12
15-	716-04.13 PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	EACH	15
15-	716-04.15 PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED	EACH	3
10-	716-05.02 PAINTED PAVEMENT MARKING (8" LINE)	L.F.	21983
10-	716-05.04 PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	50
10-	716-05.05 PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	386
10-	716-05.06 PAINTED PAVEMENT MARKING (TURN LANE ARROW)	E.A	29
10-	716-05.20 PAINTED PAVEMENT MARKING (6" LINE)	LF	37185
	716-08.05 REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	348
	716-08.06 REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH	33
	716-08.08 REMOVAL OF PAVEMENT MARKING (DOUBLE TURNING ARROW)	EACH	2
	716-08.09 REMOVAL OF PAVEMENT MARKING (DOTTED LINE)	L.F.	548
	716-08.11 REMOVAL OF WORD PAVEMENT MARKING (ONLY)	EACH	11
	716-08.20 REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	10.872
	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	14.565
	716-12.05 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	1832
	717-01 MOBILIZATION	LS	1
32-	740-07.04 GEOGRID REINFORCEMENT TYPE 2	S.Y.	6540
20-	740-10.03 GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	2817
31-	740-10.04 GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	38293
10-	801-01 SEEDING (WITH MULCH)	UNIT	100
10-	801-01.07 TEMPORARY SEEDING (WITH MULCH)	UNIT	94
10-	801-02.15 FERTILIZER	TON	1
26-	801-03 WATER (SEEDING & SODDING)	M.G.	273
10-	801-07 SEED (SUPPLEMENTAL APPLICATION)	LB.	22
10-	801-08 FERTILIZER (SUPPLEMENTAL APPLICATION)	TON	1
	803-01 SODDING (NEW SOD)	S.Y.	26940
16-	806-02.12 MOWING, WEEDEATING & LITTER PICKUP (URBAN AREA)	CYCL	12

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	2-1
REV. 3-12-25: REVISED ITEM NO. 712-06, 712-09.02, 712-09.03, 712-09.04, 712-09.05, 712-09.08, & 713-16.01 716-02.08 ADDED ITEM NO. 716-05.02, 716-05.04, 716-05.05, 716-05.06 & 716-05.20.			

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES
SHEET 2 OF 3

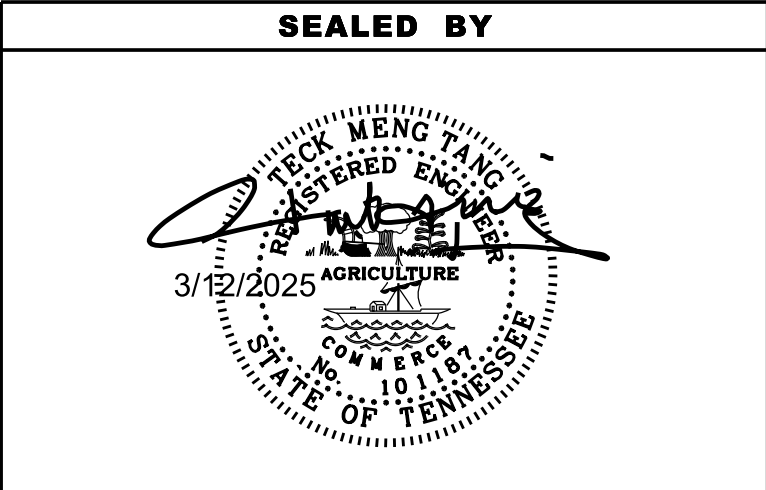
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FOOTNOTES	
(1)	INCLUDES THE REMOVAL AND DISPOSAL OF CURBS, PAVEMENT, PIPES, MANHOLES, CONDUITS, CATCH BASINS AND ANY OTHER ITEMS WITHIN THE CONSTRUCTION LIMITS NOT DESIGNATED TO REMAIN INCLUDING ENCROACHMENT ITEMS. ALSO INCLUDES CAPPING EX. BOX CULVERTS AT STA. 105+80 AND STA. 113+153. SEE SHEET 2F6 FOR LIST ESTIMATED QUANTITIES AND ENCROACHMENT ITEMS.
(2)	FOR THE REMOVAL AND DISPOSAL OF A CONCRETE SLAB UNDERNEATH THE SR-1 PAVEMENT APPROXIMATELY FROM STA. 38+75 TO STA. 53+51, 92+50 TO STA. 118+50 AND STA, 121+40 TO STA. 125+60. AN ADDITIONAL 1605 C.Y. ARE FOR THE INSTALLATION OF THE WATER LINE
(3)	SEE SUB-SECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT. ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
(4)	THE CONTRACTOR HAS THE OPTION OF USING THE PERFORMANCE GRADE MIX OR REGULAR ASPHALT ON THE PAVING OF DRIVEWAYS AND BUSINESS ENTRANCES.
(5)	INCLUDES 14 L.F. ON PHASE 1 CONSTRUCTION.
(6)	EXISTING GRATE, AND FRAME TO BE SALVAGED AND REUSED.
(7)	FOR USE IN THE PHASE 1 CONSTRUCTION.
(8)	INCLUDES 814 S.F. FOR ISLAND AT BARTLETT ROAD AND 4360 S.F. FOR ISLANDS AT SYCAMORE VIEW ROAD.
(9)	THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF AASHTO MASH FOR TEST LEVEL 3. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.
(10)	TRAFFIC CONTROL ITEMS DURING CONSTRUCTION.
(11)	ITEM NO. 203-50 SHALL INCLUDE GEOTEXTILE (TYPE IV), BORROW EXCAVATION (GRADED SOLID ROCK) OR MACHINED RIP-RAP (CLASS A-1, CLASS B, OR CLASS C), MINERAL AGGREGATE (SIZE 57) AND TEMPORARY DRAINAGE PIPE (IF APPLICABLE). THE MINERAL AGGREGATE INCLUDES AN ADDITIONAL TEN (10) PERCENT FOR MAINTENANCE.
(12)	BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE CULVERT.
(13)	ITEM TO BE USED AS DIRECTED BY THE ENGINEER.
(14)	THE COST OF REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR RAISED PAVEMENT MARKERS.
(15)	CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THE THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(16)	ITEM INCLUDES LITTER AND TRASH REMOVAL. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY BUT WILL BE INCLUDED IN THE COST OF ITEM NO. 806-02.12, MOWING, WEDEATING & LITTER PICKUP (URBAN AREA), PER CYCL.
(17)	INCLUDES A MINIMUM OF 61 SIGNS AND ANY ADDITIONAL SIGNS ENCOUNTERED WITHIN PROJECT LIMIT. REFER TO SHEET 49 FOR OTHER SIGNS.
(18)	REFER TO GRADING NOTES ON SHEET 2D.
(19)	INCLUDES 2526 L.F. USED IN NSD. REFER TO NSD PLANS FOR FURTHER DETAILS.
(20)	INCLUDES 525 S.Y. USED IN NSD. REFER TO NSD PLANS FOR FURTHER DETAILS.
(21)	INCLUDES 1 EACH USED IN NSD. REFER TO NSD PLANS FOR FURTHER DETAILS.

FOOTNOTES	
(22)	INCLUDES 13 TONS USED IN NSD. REFER TO NSD PLANS FOR FURTHER DETAILS. INCLUDES 322 TONS USED IN TRAFFIC CONTROL & 59 TONS USED IN EPSC. INCLUDES 1840 TONS AT BRIDGE ENDS.
(23)	INCLUDES 374 TONS USED IN NSD. REFER TO NSD PLANS FOR FURTHER DETAILS. INCLUDES 3145 TONS USED IN TWO BRIDGES.
(24)	INCLUDES 96 S.F. FOR CURB RAMPS AT ACCESS RAMPS STA. 52+50 & STA. 61+63
(25)	INCLUDES 11 FOR INTERSECTION DETOURS
(26)	INCLUDES 4 M.G. FOR TRAFFIC CONTROL.
(27)	INCLUDES 256 TONS FOR EPSC AND 665 TON FOR GEOTECHNICAL
(28)	INCLUDES 11 C.Y. FOR SUMMER TREES DR.
(29)	INCLUDES COST OF TYING IN UNDERDRAINS.
(30)	REFER TO DRAWING W-SG-1 FOR GRAVITY WALL TYPE RETAINING WALLS
(31)	INCLUDES 1635 S.Y. FOR BRIDGE ENDS AND 36658 S.Y. FOR GEOTECHNICAL
(32)	FOR BRIDGE ENDS
(33)	FOR THE COST OF REPLACING CURB RAMPS AT THE LIMIT OF CONSTRUCTION.
(34)	INCLUDES 1288 L.F. FOR SYCAMORE VIEW RD.
(35)	TO BE PLACED WHEN ENTERING TO 35 MPH WORK ZONE AND APPROACHING BRIDGES.
(36)	ADDITIONAL BORROW IS REQUIRED DUE TO EXISTING PAVEMENT REMOVAL THAT IS NOT SUITABLE FOR EMBANKMENT
(37)	REFER TO SHEET 2F3 FOR DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	2-2

REV. 3-12-25: REVISED FOOTNOTES (2) & (25)

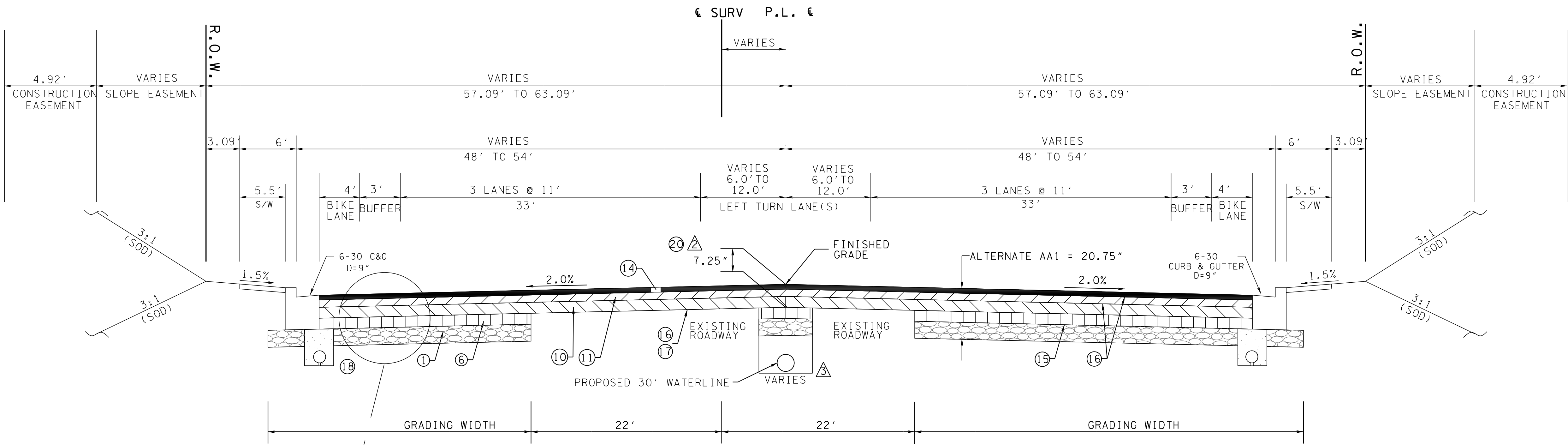


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES
SHEET 3 OF 3

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	1999	STP-1(93)	2B
PS&E	2025	NH-1(424)	2B2

REV. 3-12-25: ADDED INSTALLMENT OF WATERLINE AND FOOTNOTE



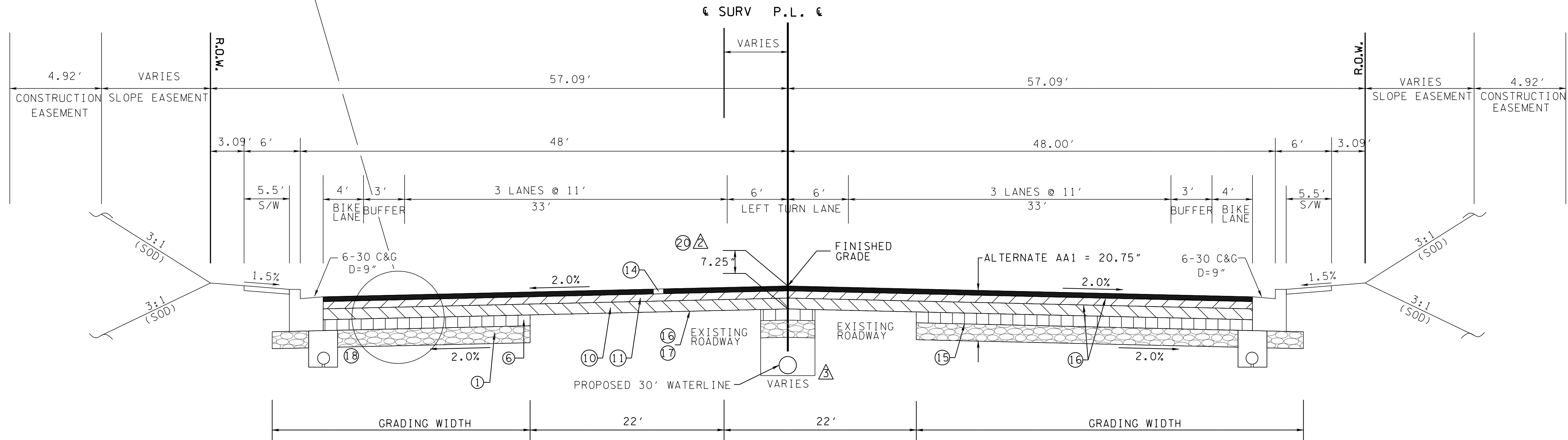
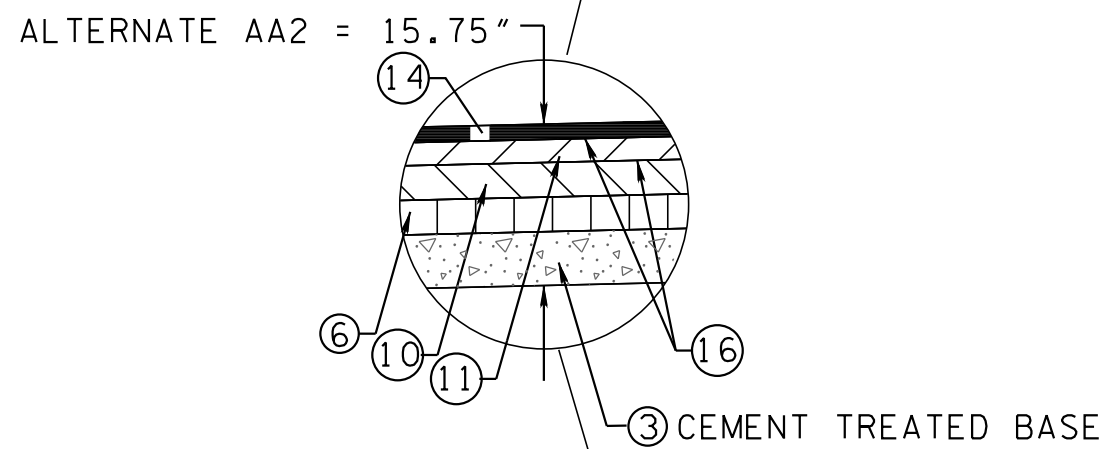
STATE ROUTE 1 (SUMMER AVE.)

PAVEMENT OVERLAY (BASED ON STD. DWG. RD11-TS-6C)

STA 35+60 TO STA 38+75
STA 70+89.87 TO STA 80+80.68
STA 118+50 TO STA 121+40

- △ MILL EXISTING PAVEMENT TO A DEPTH OF 7.25" BELOW FINISHED GRADE. ②
- △ FULL DEPTH REPLACEMENT IS REQUIRED FOR THE INSTALLMENT OF THE NEW 30" WATERLINE REMOVAL OF THE EXISTING ROADWAY WILL BE REQUIRED THE TOP OF THE PROPOSED 30" WATERLINE IS APPROXIMATELY 5' BELOW THE FINISHED GRADE SEE SHEET U5 SERIES FOR DETAILS

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



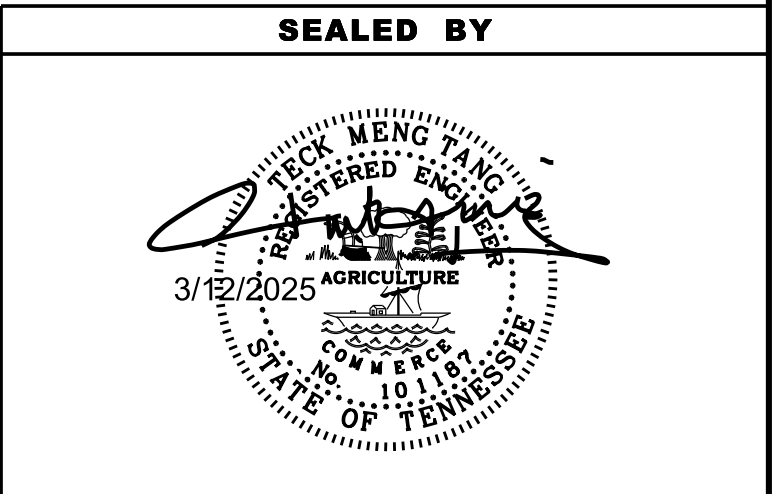
STATE ROUTE 1 (SUMMER AVE.)

PAVEMENT OVERLAY (BASED ON STD. DWG. RD11-TS-6C)

STA 61+75 TO STA 70+89.87
STA 80+80.68 TO STA 92+50

- △ MILL EXISTING PAVEMENT TO A DEPTH OF 7.25" BELOW FINISHED GRADE. ②
- △ FULL DEPTH REPLACEMENT IS REQUIRED FOR THE INSTALLMENT OF THE NEW 30" WATERLINE REMOVAL OF THE EXISTING ROADWAY WILL BE REQUIRED THE TOP OF THE PROPOSED 30" WATERLINE IS APPROXIMATELY 5' BELOW THE FINISHED GRADE SEE SHEET U5 SERIES FOR DETAILS

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



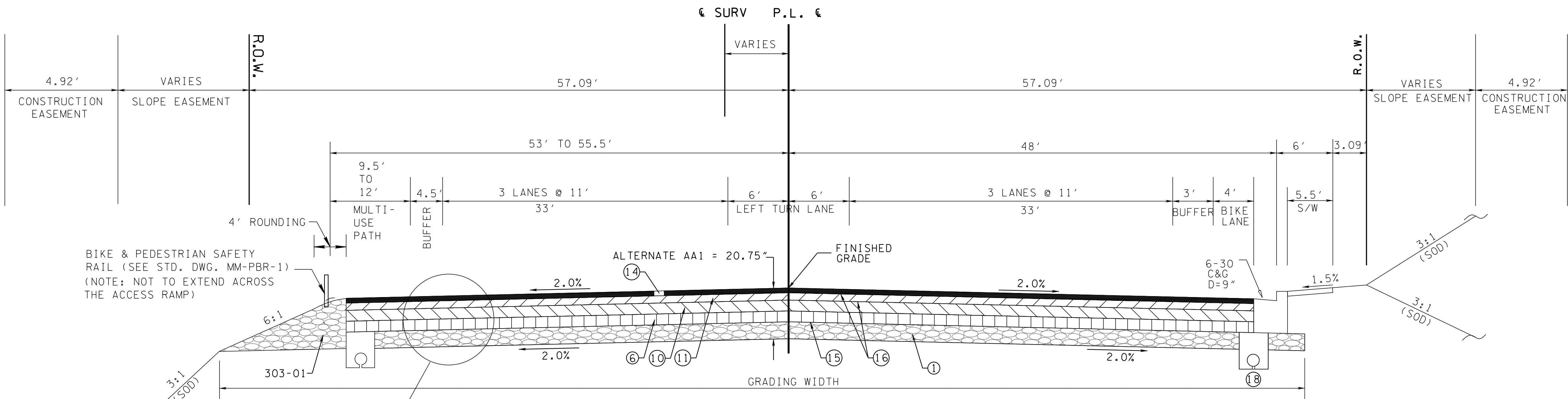
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	2B7

REV. 3-12-25: ADDED INSTALLMENT OF WATERLINE AND FOOTNOTE



STATE ROUTE 1 (SUMMER AVE.)
FULL DEPTH PAVEMENT
(BASED ON STD. DWG. RD11-TS-6C)
STA 52+38 TO STA 53+51

MULTI-USE PATH:
FROM STA. 52+60.00 TO 53+26.00 REMAINS 9.5'.
FROM STA. 53+26.00 TO 53+51.00 TRANSITIONING
FROM 9.5' TO 12' TO MATCH BRIDGE.(25' TRANSITION)

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

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ENDWALLS														
SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	STRUCTURE TYPE	PIPE SIZE (IN.)	STANDARD DRAWING	CLASS"A" CONC. 611-07.01 (C.Y.)	REINF. STEEL 611-07.02 (LB.)	STRUC. STEEL 611-07.03 (LB.)	MACHINED RIP-RAP 709-05.06 CL"A-1" (TONS)	MACHINED RIP-RAP 709-05.08 CL"B" (TONS)	18IN ENDWALL (S.D.) 611-07.31 (EACH)	30IN ENDWALL (C.D.) 3:1 611-07.60 (EACH)
7A	SR1	54+46.20	91.9 LT	40	A	36	D-PEW-1	3.89	73.0	-	8	77		
	SR1	54+46.20	85.3 RT	25	A	36	D-PEW-1	3.89	73.0	-	13	55		
	SR1	59+05.50	95.0 LT	41	ST	24	D-PE-4	1.5	70.0		352	74		
8A										-	-			
	SR1	62+54.93	126.07 RT	58	ST	18	D-PE-4	1	45.0	-	37			
	SR1	66+60.34	125.34 RT	62	ST	18	D-PE-4	1	45.0	-	57			
10A	SR1	87+34.82	66.34 RT	79	ST	30	D-PE-4	2	93.0	-	-	-		
11A	SR1	99+35.40	67.5 RT	91	A	42	D-PEW-1	4.72	79.0	-	-	60		
	SR1	99+32.40	67.5 LT	106	ST	30	D-PE-4	2	93.0		-	60		
	SR1	103+51.20	92.0 LT	108A	U	30	D-PE-30A				710	43		1
	SR1	103+51.20	92.0 RT	118	A	36	D-PEW-1	3.89	73.0	-	1114	93		
12A	SR1	113+90.80	74.0 RT	126	ST	24	D-PE-4	1.5	70.0	-	-	-		
	SR1	113+95.42	68.93 LT	114A	SEW	18	D-SEW-1A						1	
	SR1	114+45.42	68.39 LT	114B	SEW	18	D-SEW-1A						1	
13A	SR1	115+87.08	69.07 LT	116A	SEW	18	D-SEW-1A						1	
	SR1	116+32.99	68.74 LT	117A	SEW	18	D-SEW-1A						1	
TOTALS								25	714.0	0	2291	462	4	1

PROPOSED GUARDRAIL														
SHEET NO.	LOCATION			SIDE	STATIONS		GUARDRAIL			TERMINAL ANCHORS				REMARKS
							THRIE BEAM BRIDGE TRAN. MASH TL-3 (20.645') 705-06.25 EACH	W BEAM GR (TYPE 2) MASH TL-3 705-06.01 (L.F.)	THRIE BEAM BRIDGE TRAN. MASH TL-3 (11.365') 705-06.25 EACH	TYPE 12 VARIES 705-04.02 (EACH)	TYPE 13 MASH TL3 (9.375') 705-06.10 (EACH)	TYPE 38 MASH TL3 (46.875') 705-06.20 (EACH)	TYPE 21 MASH TL2 (21.875') 705-06.30 (EACH)	
		LT	RT	FROM	TO									
7A	SR1	X		52+73 +/-	53+50 +/-	1	12.50					1		
			X	52+73 +/-	53+50 +/-	1	12.50					1		
		X		60+60 +/-	61+38 +/-	1	12.50					1		
			X	60+60 +/-	61+38 +/-	1	12.50					1		
11A		X		98+20 +/-	98+97 +/-	1	12.50					1		
			X	98+20 +/-	98+97 +/-	1	12.50					1		
		X		101+01 +/-	101+78 +/-	1	12.50					1		
			X	101+01 +/-	101+78 +/-	1	12.50					1		
TOTALS						8	100.00	0	0	0	8	0		

REV. 3-12-25: REVISED ITEM NO. 203-01, 303-01, 307-01.21, 307-02.01, 309-01.01, 309-01.02, 309-02, 402-01, 402-02, 403-01, 405-01.01, & 405-01.02. REVISED ESTIMATED GRADING QUANTITIES TABLE

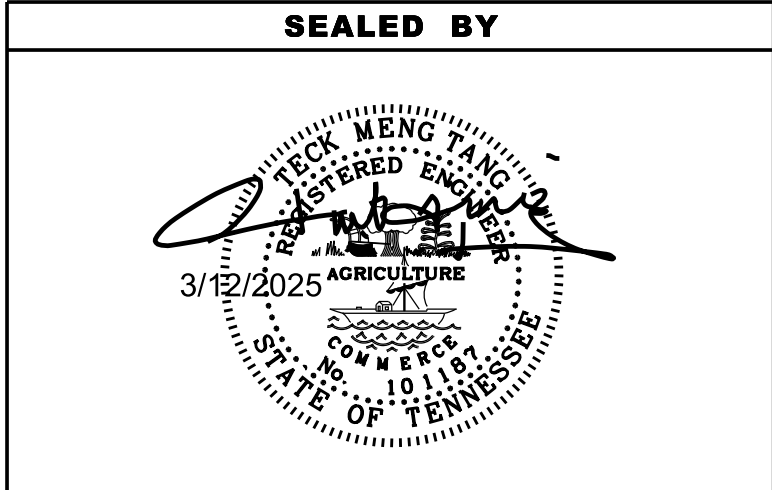
ESTIMATED GRADING QUANTITIES						
DESCRIPTION		UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)	BALANCE SUMMARY	
		EXC.	EMB.	EXC.	SHRINK =	30 % SWELL =
***	MAINLINE PHASE 3	40752	14995	28527	EXC.	EMB.
	MAINLINE PHASE 2	20046	16552	14033		
	MAINLINE PHASE 1	3279	120	2296		
*	UNDERCUTTING	6500	0	4550	53254	VS.
	SIDE ROADS	3854	832	2698		
	PVT. DRIVES, BUSINESS AND FIELD ENTRANCES	1501	1937	1051		
	TEMPORARY CONSTRUCTION EXITS	144	0	101	AVAILABLE	=
	TOPSOIL (EMB.)	2179				
	TOPSOIL (EXC.)	2707				
TOPSOIL TOTALS (SEE TOPSOIL TABLE)					WASTE MATERIAL	=
ROCK (C.Y.)		TOTALS (C.Y.)				
EXC.	EMB.	**EXC. (UNCL.)	EMB. (UNCL.)	EXC. (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
		80962	34436	80962	76076	53254

*NOTE:- UNDERCUTTING TO BE USED AS DIRECTED BY THE ENGINEER
**NOTE:- EXCAVATION INCLUDES 22,178 CY OF PAVEMENT REMOVAL.
***NOTE:- EXCAVATION INCLUDES 17,891 CY FOR WATERLINE INSTALLATION

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.
259830	2707	2179	4886	4812	4812	0	74
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.
0	N/A	N/A	N/A	0	N/A	0	N/A

PAVEMENT QUANTITIES "ALTERNATE AA1"														
LOCATION	PAY ITEMS													
	303-01 (TON)	307-01.01 (TON)	307-01.08 (TON)	307-01.21 (TON)	307-02.01 (TON)	307-02.08 (TON)	402-01 (TON)	402-02 (TON)	403-01 (TON)	405-01.01 (TON)	405-01.02 (TON)	411-01.10 (TON)	411-02.10 (TON)	415-01.01 (TON)
SR 1 (Phase 1)	3289.0	x	x	573.0	x	460.0	7.0	28.0	4.0	x	x	x	253.0	x
SR 1 (Phase 2&3)	43661.0	x	x	12980.0	15604.0	10412.0	104.0	372.0	87.0	19.0	169.0	x	6863.0	1625.0
BARTLETT	1351.0	415.0	251.0	x	x	x	3.0	9.0	1.0	x	x	147.0	x	x
SHELBY OAKS	683.0	x	x	x	236.0	131.0	2.0	6.0	1.0	x	x	x	69.0	x
SUMMER TREES	322.0	x	68.0	x	x	x	1.0	3.0	1.0	x	x	30.0	x	x
SYCAMORE VIEW	1645.0	x	x	352.0	447.0	803.0	3.0	14.0	4.0	6.0	51.0	x	471.0	15.0
FRONTAGE RD	350.0	x	71.0	x	x	x	1.0	3.0	1.0	x	x	38.0	x	x
PRIVATE DRIVES	1218.0	x	355.0	x	x	x	x	x	x	x	x	337.0	x	x
WATERLINE INSTALLATION/REMOVAL	4036.0	x	x	1294.0	258.0	x	10.0	36.0	x	x	x	x	x	x
TOTALS	56555.0	415.0	745.0	15199.0	16545.0	11806.0	131.0	471.0	99.0	25.0	220.0	552.0	7656.0	1640.0

PAVEMENT QUANTITIES "ALTERNATE AA2"																
LOCATION	PAY ITEMS															
	303-01 (TON)	307-01.01 (TON)	307-01.08 (TON)	307-01.21 (TON)	307-02.01 (TON)	307-02.08 (TON)	309-01.01 (TON)	309-01.02 (TON)	309-02 (TON)	402-01 (TON)	402-02 (TON)	403-01 (TON)	405-01.01 (TON)	405-01.02 (TON)	411-01.10 (TON)	411-02.10 (TON)
SR 1 (Phase 1)	3289.0	x	x	573.0	x	460.0	x	x	x	7.0	28.0	4.0	x	x	x	253.0
SR 1 (Phase 2&3)	316.0	x	x	12980.0	15604.0	10412.0	20805.0	1013.0	66.0	x	x	87.0	19.0	169.0	x	6863.0
BARTLETT	1351.0	415.0	251.0	x	x	x	x	x	x	3.0	9.0	1.0	x	x	147.0	x
SHELBY OAKS	683.0	x	x	x	236.0	131.0	x	x	x	2.0	6.0	1.0	x	x	x	69.0
SUMMER TREES	322.0	x	68.0	x	x	x	x	x	x	1.0	3.0	1.0	x	x	30.0	x
SYCAMORE VIEW	1645.0	x	x	352.0	447.0	803.0	x	x	x	3.0	14.0	4.0	6.0	51.0	x	471.0
FRONTAGE RD	350.0	x	71.0	x	x	x	x	x	x	1.0	3.0	1.0	x	x	38.0	x
PRIVATE DRIVES	1218.0	x	355.0	x	x	x	x	x	x	x	x	x	x	x	337.0	x
WATERLINE INSTALLATION/REMOVAL	778.0	x	x	1294.0	258.0	x	1456.0	71.0	5.0	2.0	7.0	x	x	x	x	x
TOTALS	9952.0	415.0	745.0	15199.0	16545.0	11806.0	22261.0	1084.0	71.0	19.0	70.0	99.0	25.0	220.0	552.0	7656.0



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

RIGHT - OF - WAY NOTES

- (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 THEREFROM 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, 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)

TRACT REMAINDERS NOT HAVING AN EXISTING DRIVEWAY WILL BE PROVIDED ONE 50-FOOT OPENING IN THE ACCESS CONTROL FENCE AND A DRIVEWAY WILL BE CONSTRUCTED UNLESS ACCESS IS PROVIDED FROM AN INTERSECTING ROAD OR BASED ON PHYSICAL CONDITIONS AND/OR CONFLICTS WITH OTHER DESIGN CONSIDERATIONS WHICH PREVENT AN ACCESS OPENING. PAVING OF THESE NEW DRIVEWAYS WILL BE IN ACCORDANCE TO THE 7 PERCENT CRITERIA PREVIOUSLY MENTIONED FOR EXISTING DRIVEWAYS.
- (8)

NEW DRIVEWAYS PROVIDED IN THE PLANS WILL BE PAVED BASED ON THE 7 PERCENT CRITERIA. THOSE 7 PERCENT OR STEEPER IN GRADE WILL BE PAVED AND THOSE FLATTER THAN 7 PERCENT WILL BE COVERED WITH BASE STONE.
- (9)

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

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

UTILITY

- (1)

THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (2)

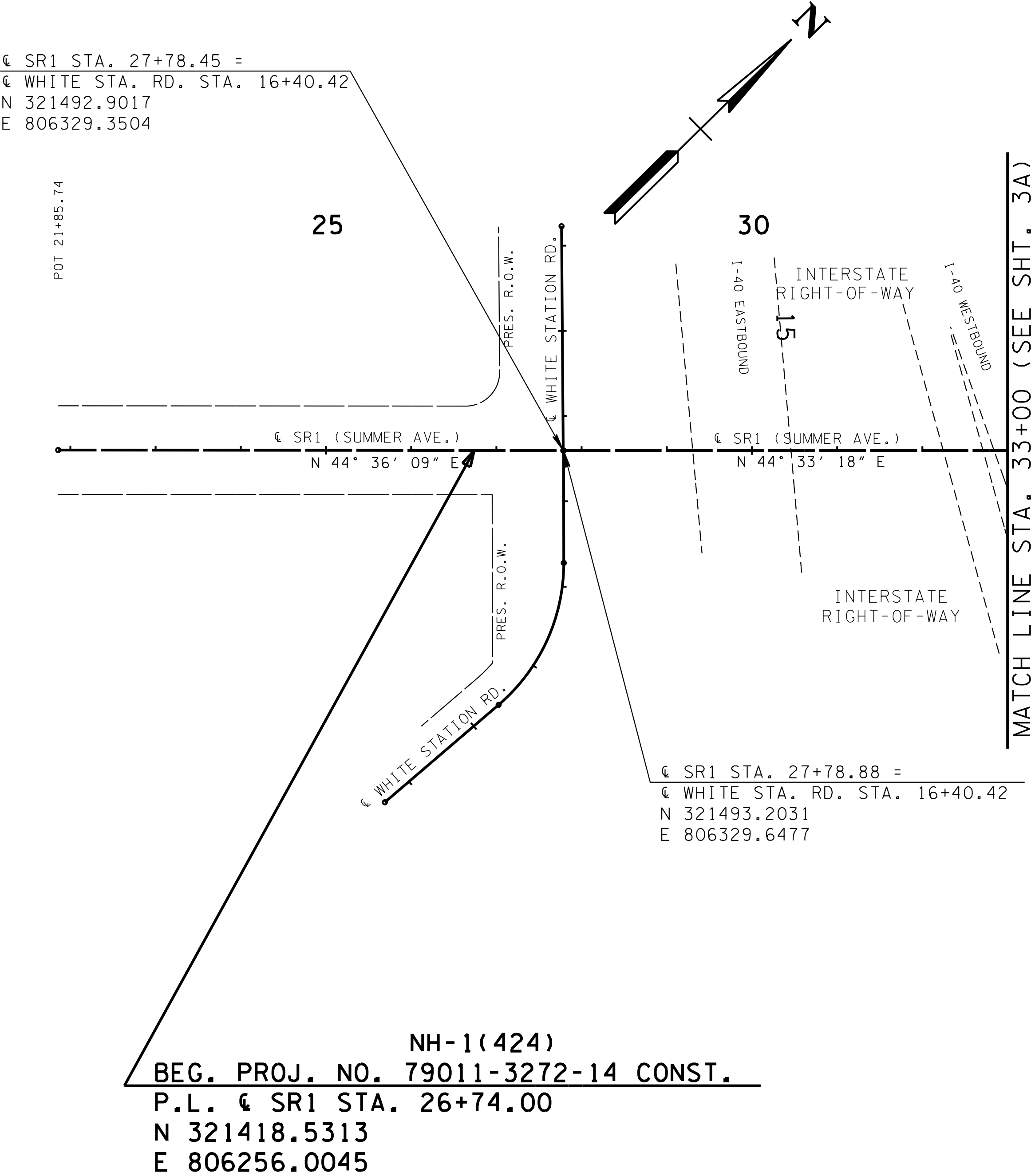
UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- (3)

THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4)

PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5)

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

UTILITY OWNERS							
UTILITY	OWNER	EMAIL	PHONE NO.	CONTACT	ADDRESS	CITY	STATE ZIP CODE
COMMUNICATIONS	CENTURY LINK/LEVEL 3/LUMEN	russ.wheat@lumen.com	803-832-2576	RUSS WHEAT	520 WHALEY ST.	COLUMBIA	SC 29201
	AT&T	dp7607@att.com	901-488-2359	DANIEL R. POTTS	315 E. COLLEGE ST	JACKSON	TN 38301
	COMCAST	karen_price@comcast.com	O: 901-623-7463 C: 901-508-0920	KAREN PRICE	2650 MOUNT MORIAH RD.	MEMPHIS	TN 38115
	VERIZON/XO COMMUNICATIONS	robert_stafford@verizon.com	901-239-2912	ROBERT STAFFORD	5127 TRUSE RD.	MEMPHIS	TN 38117
	ZAYO	rusty.perdieu@zayo.com	706-889-6967	RUSTY PERDIEU	2030 POWERS FERRY RD. SE STE 360	ATLANTA	GA 30339
GAS	MLGW	adabney@mlgw.org	901-528-4186	ANGEL BAILEY	220 S. MAIN ST.	MEMPHIS	TN 38103
WATER							
ELEC. TRANSMISSION							
SEWER	CITY OF MEMPHIS	faraedoon.qaladize@memphistn.gov	901-576-6725 901-636-6971	FARAEDOON QALADIZE	125 N. MAIN ST, ROOM 639	MEMPHIS	TN 38103
TRAFFIC SIGNAL	CITY OF MEMPHIS	randall.tatum@memphistn.gov	901-576-6710	RANDALL TATUM	125 N. MAIN ST. ROOM 668	MEMPHIS	TN 38103



TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	1999	STP-1(93)	3
PS&E	2025	NH-1(424)	3

REV: 3-12-25: UPDATED UTILITIES CONTACT

SEALED BY

TECK MENG TANG

REGISTERED ENGINEER

3/12/2025

AGRICULTURE


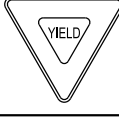
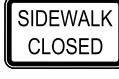
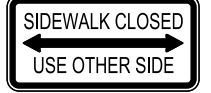





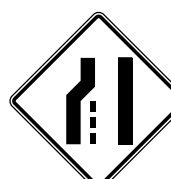
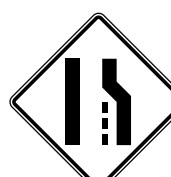







101177

STATE OF TENNESSEE

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY NOTES,
UTILITY NOTES, UTILITY
OWNERS, & PROPERTY MAP
BEG. PROJ. TO STA. 33 +00
SCALE: 1"=100'




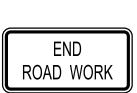
TRAFFIC CONTROL SIGN SCHEDULE							
SIGN TYPE	MUTCD NUMBER	SIZE AREA	UNIT	PHASE ONE	PHASE TWO	PHASE THREE	TOTAL
Summer Ave East	D3-1	40" X 12" 3.33 s.f.	S.F.	-	-	3.33	3.33
	R1-1	30" X 30" 6.25 s.f.	S.F.	-	-	6.25	6.25
	R1-2	36" X 36" 3.9 s.f.	S.F.	-	-	3.9	3.9
	R9-9	24" X 12" 2 s.f.	S.F.	-	16	18	18
	R9-10	24" X 12" 2 s.f.	S.F.	6	4	2	6
	R3-7R	30" X 30" 6.25 s.f.	S.F.	-	25	31.25	31.25
	R3-7L	30" X 30" 6.25 s.f.	S.F.	-	18.75	18.75	18.75
	W1-4L	30" X 30" 6.25 s.f.	S.F.	-	18.75	6.25	18.75
	W1-4BL	30" X 30" 6.25 s.f.	S.F.	-	6.25	12.5	12.5
	W1-4BR	30" X 30" 6.25 s.f.	S.F.	-	-	6.25	6.25
	W4-2LC	36" X 36" 9 s.f.	S.F.	-	9	-	9
	W4-2RC	36" X 36" 9 s.f.	S.F.	27	9	18	18
	W6-3	36" X 36" 9 s.f.	S.F.	-	36	18	36
	W13-1	18" X 18" 2.25 s.f.	S.F.	6.75	13.5	11.25	13.5
	W20-1	36" X 36" 9 s.f.	S.F.	27	90	90	90
	W20-1F	36" X 36" 9 s.f.	S.F.	-	18	18	18
	W20-1F	36" X 36" 9 s.f.	S.F.	-	18	18	18
	W20-1F	36" X 36" 9 s.f.	S.F.	18	-	-	18
	W20-1M	36" X 36" 9 s.f.	S.F.	-	18	18	18

ITEM 712-06: 472 S.F.

TRAFFIC CONTROL QUANTITIES									
ITEM NO.	DESCRIPTION	QUANTITY					SIZE	M.U.T.C.D. NO.	REMARKS
		UNIT	PHASE I	PHASE II	PHASE III	TOTAL			
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	3289	-	-	3289			
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	322	-	-	322			
307-01.21	ASPHALT CONCRETE MIX (PG70-22)(BPMB-HM) GRADING A-S	TON	573	-	-	573			
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	460	-	-	460			
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	7	-	-	7			
402-02	AGGREGATE COVER MATERIAL (PC)	TON	28	-	-	28			
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	4	-	-	4			
411-02.10	ACS MIX (PG70-22) GRADING D	TON	253	-	-	253			
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	14	-	-	14			
621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	582	-	-	582			
712-01	TRAFFIC CONTROL	LS	1	1	1	1			
1-712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	-	1080	9405	19565			
4-712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	E.A.	-	4	50	54			
712-04.50	BARRIER RAIL DELINEATOR	E.A.	-	55	7	200			
2,5-712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EA.	222	721	237	721			
5-712-05.01	WARNING LIGHTS (TYPE A)	EA.		28	23	28			
712-05.03	WARNING LIGHTS (TYPE C)	EA.		47	-	47			
5-712-06	SIGNS (CONSTRUCTION)	S.F.				1048			
712-07.02	TEMPORARY BARRICADES (TYPE II)	L.F.		60	65	65			
3,5-712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	-	142	4249	4249			
712-08.03	ARROW BOARD (TYPE C)	EA.	3	3	2	3			
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	-	-	14664	14664			
712-09.03	REMOVABLE PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	-	-	31	31			
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	-	-	314	314			
712-09.05	REMOVABLE PAVEMENT MARKING (ARROW)	EA.	-	-	26	26			
712-09.08	REMOVABLE PAVEMENT MARKING (6" LINE)	L.F.	-	-	26467	26467			
5-713-16.01	CHANGEABLE MESSAGE SIGN UNIT	E.A.	-	-	11	11			
716-01.07	TEMPORARY RAISED PAVEMENT MARKER, YELLOW	E.A.	-	53	46	99			
716-05.02	PAINTED PAVEMENT MARKING (8" LINE)	L.F.	6694	15289	-	21983			
716-05.04	PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	-	50	-	50			
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	-	386	-	386			
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	E.A.	-	29	-	29			
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	LF	-	37185	-	37185			
801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	47	-	-	94			FACTOR OF 2
801-02.15	FERTILIZER	TON	1	-	-	1			
801-03	WATER (SEEDING & SODDING)	M.G.	4	-	-	4			
801-07	SEED (SUPPLEMENTAL APPLICATION)	L.B.	11	-	-	22			FACTOR OF 2
801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	TON	1	-	-	1			

FOOTNOTES

1. ADDITIONAL 10160 L.F. OF PBR IS PROVIDED TO REMOVE EXISTING WATERLINE & MAINTAINING DRIVEWAYS ACCESS DURING PHASE III
2. ADDITIONAL 330 BARRELS ARE FOR MAINTAINING DRWIVeway ACCESS DURING PHASE II
3. ADDITIONAL 4032 LF OF TEMPORARY BARRICADES (TYPE III) FOR MAINTAINING DRIVEWAY ACCESS DURING PHASE III
4. ADDITIONAL 42 TEMPORARY ATTENUATORS ARE FOR MAINTAINING DRIVEWAY ACCESS DURING PHASE III
5. ADDITIONAL QUANTITY FOR INTERSECTION DETOURS DURING PHASE III
- ITEM 712-04.01: 40 EA.
- ITEM 712-05.01: 12 EA.
- ITEM 712-06: 432 S.F.
- ITEM 712-07.03: 160 L.F.
- ITEM 713-16.01: 11 EA.

TRAFFIC CONTROL SIGN SCHEDULE							
SIGN TYPE	MUTCD NUMBER	SIZE AREA	UNIT	PHASE ONE	PHASE TWO	PHASE THREE	TOTAL
	W20-5L	36" X 36" 9 s.f.	S.F.	-	9	-	9
	W20-5R	36" X 36" 9 s.f.	S.F.	-	18	27	27
	W20-5R	36" X 36" 9 s.f.	S.F.	18	-	-	18
	G20-2	36" X 18" 4.5 s.f.	S.F.	22.5	54	54	54

TYPE

PS&E

YEAR

2025

PROJECT NO.

NH-1(424)

SHEET NO.

T2

REV. 3-12-25: REVISED ITEM NO. 712-06, 712-09.02, 712-09.03,712-09.04, 712-09.05 & 712-09.08.
ADDED ITEM NO. 713-16.01, 716-05.02, 716-05.04, 716-05.05, 716-05.06 & 716-05.20.
REMOVED 716-02.08

SEALED BY

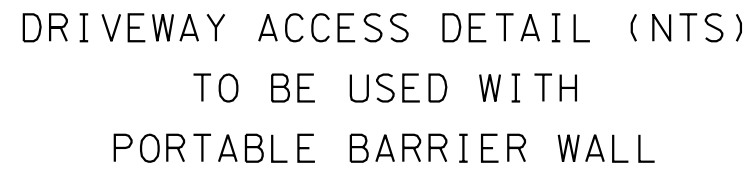


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
PHASING NOTES,
LEGEND AND
TABULATION

1. PHASE 2 INVOLVES THE CONSTRUCTION OF THE PROPOSED EAST BOUND ROADWAY (GENERALLY, THE SOUTHERN HALF OF SUMMER AVE), SOUTH BOUND OF BARTLETT ROAD/SHELBY OAKS DRIVE, SUMMER TREES DRIVE, SUMMER BOUND OF NORTH SYCAMORE VIEW ROAD, AND THE FULL DEPTH PAVEMENTS OF SOUTH SYCAMORE VIEW ROAD.
2. TRAFFIC SHALL BE MAINTAINED ON THREE 11-FOOT TRAFFIC LANES (ONE LANE IN EACH DIRECTION AND A CENTER TURN LANE) IN THE NORTHERN HALF OF SUMMER AVENUE. FIVE TRAFFIC LANES (TWO IN EACH DIRECTION AND A CENTER TURN LANE) SHALL BE MAINTAINED ON SYCAMORE VIEW ROAD. ONE OF THE TWO LEFT TURN LANES IN RAMP SHALL BE REMOVED TO ACCOMMODATE SUMMER AVENUE TRAFFIC LANES. MAINTAIN TWO LANES ALONG THE BRIDGES AT WOLF RIVER & FLETCHER CREEK. SUMMER TREES DRIVE WILL BE CLOSED WITH PROVIDED DETOUR.
3. PRIOR TO ANY LANE CLOSURE AND SHIFTING OF TRAFFIC, CONTRACTOR SHALL REMOVE ANY CONFLICTING SIGNS AND PAVEMENT MARKINGS, AND INSTALL NEW TEMPORARY TRAFFIC CONTROL ITEMS SUCH AS ADVANCE WARNING SIGNS, ETC. AND TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE TO THE PHASE 2 TCP AS SHOWN IN THE PLANS. THE COST OF REMOVAL OF SIGNS & PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF THE ITEM # 712-01, TRAFFIC CONTROL.
4. DUE TO THE LANE CLOSURES AND LANE SHIFTS, TRAFFIC SIGNAL HEAD LOCATIONS AT WHITE STATION AND RAMP-A SHALL BE ADJUSTED TO ALIGN WITH THE TEMPORARY LANES. TEMPORARY TRAFFIC SIGNAL SHALL BE INSTALLED AT BARTLETT/SHELBY OAKS AND SYCAMORE VIEW. THE TIMING OF THE TRAFFIC SIGNALS SHALL ALSO BE ADJUSTED. CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEER WITH THE CITY OF MEMPHIS, RANDALL TATUM AT 901-636-6710 FOR FURTHER GUIDANCE.
5. HAUL ROADS SHALL BE CONSTRUCTED AS NEEDED.
6. THE CONTRACTOR SHALL INSTALL ADDITIONAL SIGNS OR PAVEMENT MARKINGS AS DIRECTED BY THE ENGINEER. COST OF ANY ADDITIONAL ITEMS SHALL BE PAID PER THE UNIT COST OF THE ITEMS AS BIDDED.
7. EXISTING SIDEWALKS IN THE WORK ZONE SHALL BE CLOSED AND PEDESTRIANS TRAFFIC SHALL BE DIRECTED TO ALTERNATIVE SIDEWALKS AS SHOWN IN THE PLANS. PEDESTRIAN SIGNS SHALL BE MOUNTED ON 5 FT TEMPORARY BARRICADE (TYPE II). MID-BLOCK CROSSING, TEMPORARY ACCESS OR DETOUR WILL NOT BE PROVIDED DUE TO UTILITIES RELOCATIONS IN THE WORK ZONE AND NO EXISTING PEDESTRIAN ACCESS PRIOR TO THIS IMPROVEMENT.

1. PHASE 3 INVOLVES THE CONSTRUCTION OF THE PROPOSED WEST BOUND ROADWAY (GENERALLY, THE NORTHERN HALF OF SUMMER AVE), FRONTAGE ROAD, NORTH BOUND BARTLETT ROAD/SHELBY OAKS DRIVE, AND THE NORTH BOUND NORTH SYCAMORE VIEW ROAD.
2. PHASE 3 ALSO INVOLVES THE CONSTRUCTION OF THE PROPOSED MLG&W WATER FACILITY AND REMOVAL OF THE EXISTING WATER FACILITY AS SHOWN IN THE MLG&W WATER RELOCATION PLANS. ANY SUB-PHASES NEEDED FOR INSTALLATION (INCLUDING BUT NOT LIMITED TO INSTALLATION OF THE DISTRIBUTION LINES, CONNECTION TO NEW MAIN, SERVICE CONNECTIONS, ETC.), REMOVAL OF THE EXISTING WATER FACILITY, AND WORK ACROSS INTERSECTING ROADS, SHALL BE APPROVED BY THE ENGINEER, INCLUDING THE TIMING OF WORK FOR THE SUB-PHASES. ALL COSTS ASSOCIATED WITH THE WATER RELOCATION WORK (REMOVAL, INSTALLATION, AND SITE WORK) SHALL BE INCLUDED IN THE UNIT COST OF THE WATER RELOCATION ITEMS.
PHASE 3A IT IS ANTICIPATED THAT BARTLETT ROAD AND SYCAMORE VIEW, NORTH OF SUMMER AVE., WILL HAVE INTERMITTENT WEEKEND CLOSURES, AS NOTED IN SP 108B, FOR WATER RELOCATION WORK. SEE PHASE 3A DETAILS ON SHEETS T5E-1, T5J-1, AND T5K-1. ALSO SEE THE PROPOSED DETOUR MAPS SHEETS T2D THRU T2G. NOTE THAT THE TEMPORARY SIGNALS WILL NEED TO BE ADJUSTED DURING THE CLOSURES.
3. TRAFFIC SHALL BE MAINTAINED ON THREE 11-FOOT TRAFFIC LANES (ONE LANE IN EACH DIRECTION AND A CENTER TURN LANE) IN THE NORTHERN HALF OF SUMMER AVENUE. SIX LANES SHALL REMAIN OPEN TO TRAFFIC ON SYCAMORE VIEW ROAD (TWO IN EACH DIRECTION, A CENTER TURN LANE AND AN AUXILIARY LANE FOR RIGHT TURN OR THRU LANE). ONE OF THE TWO LEFT TURN LANES ON RAMP A SHALL BE REMOVED TO ACCOMMODATE SUMMER AVENUE TRAFFIC LANES. MAINTAIN TWO LANES ALONG THE BRIDGE AT WOLF RIVER.
4. PRIOR TO ANY LANE CLOSURE AND SHIFTING OF TRAFFIC, CONTRACTOR SHALL REMOVE ANY CONFLICTING SIGNS AND PAVEMENT MARKINGS, AND INSTALL NEW TEMPORARY TRAFFIC CONTROL ITEMS SUCH AS ADVANCE WARNING SIGNS, ETC. AND TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE TO THE PHASE 3 TCP AS SHOWN IN THE PLANS. THE COST OF REMOVAL OF SIGNS & PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF THE ITEM # 712-01, TRAFFIC CONTROL.
5. DUE TO THE LANE CLOSURES AND LANE SHIFTS, TRAFFIC SIGNAL HEAD LOCATIONS AT WHITE STATION AND RAMP-A SHALL BE ADJUSTED TO ALIGN WITH THE TEMPORARY LANES. TEMPORARY TRAFFIC SIGNAL SHALL BE INSTALLED AT BARTLETT/SHELBY OAKS AND SCYAMORE VIEW. THE TIMING OF THE TRAFFIC SIGNALS SHALL ALSO BE ADJUSTED. CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEER WITH THE CITY OF MEMPHIS, RANDALL TATUM AT 901-636-6710 FOR FURTHER GUIDANCE.
6. HAUL ROADS SHALL BE CONSTRUCTED AS NEEDED.
7. PERFORM MILLING AND OVERLAYING IN PLACES AS SHOWN IN THE PLANS, AND FINAL SURFACE PAVING.
8. THE CONTRACTOR SHALL INSTALL ADDITIONAL SIGNS OR PAVEMENT MARKINGS AS DIRECTED BY THE ENGINEER. COST OF ANY ADDITIONAL ITEMS SHALL BE PAID PER THE UNIT COST OF THE ITEMS AS BIDDED.
9. REMOVE ALL TEMPORARY TRAFFIC CONTROL RELATED PAVEMENT MARKINGS AND INSTALL PERMANENT PAVEMENT MARKINGS PRIOR TO OPENING THE NEW ROADWAY UP TO TRAFFIC.
10. EXISTING SIDEWALKS IN THE WORK ZONE SHALL BE CLOSED AND PEDESTRIANS TRAFFIC SHALL BE DIRECTED TO ALTERNATIVE SIDEWALKS AS SHOWN IN THE PLANS. PEDESTRIAN SIGNS SHALL BE MOUNTED ON 5 FT TEMPORARY BARRICADE (TYPE II). MID-BLOCK CROSSING, TEMPORARY ACCESS OR DETOUR WILL NOT BE PROVIDED DUE TO UTILITIES RELOCATIONS IN THE WORK ZONE AND NO EXISTING PEDESTRIAN ACCESS PRIOR TO THIS IMPROVEMENT.



TYPICAL PAY ITEMS THAT MAY BE INCLUDED IN THE PLANS FOR USE IN TEMPORARY SIGNALS INCLUDE WOOD POLES, GUYING DEVICES, SPAN WIRE, AND CONDUIT RISERS, AND THESE ITEMS WILL BE SO NOTED. THERE WILL BE NO DIRECT PAYMENT FOR OTHER COSTS RELATED TO RELOCATING OR REPOSITIONING SIGNAL EQUIPMENT OR FOR TEMPORARY EQUIPMENT PROVIDED AT THE CONTRACTOR'S DISCRETION.

REV. 3-12-25: REVISED NOTE (2) OF PHASE 3 TO INCLUDE
ROAD CLOSED FOR BARTLETT ROAD & NORTH
SYCAMORE VIEW AS PART OF PHASE 3A.

TRAFFIC PHASING NOTES, LEGEND AND TABULATION

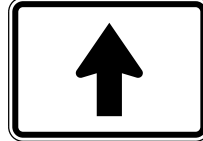
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T2C

REV. 3-12-25: REVISED QUANTITY ON ITEM NO. 712-06

1

DETOUR



NO RIGHT TURN
ROAD CLOSED

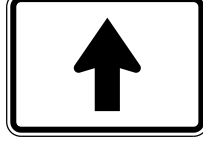
M4-8
24" x 12"
2 SF

M6-3
21" x 15"
2.2 SF

R11-2 (MOD.)
60" x 30"
12.5 SF

2

DETOUR





NO LEFT TURN
ROAD CLOSED

M4-8
24" x 12"
2 SF

M6-3
21" x 15"
2.2 SF

R11-2 (MOD.)
60" x 30"
12.5 SF

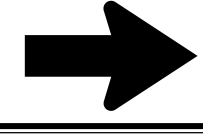
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION)
	TEMPORARY BARRICADE (TYPE III)

TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
712-05.01	WARNING LIGHTS (TYPE A)	E.A.	8
712-06	SIGNS (CONSTRUCTION)	S.F.	133
712-07.03	TEMPORARY BARRICADE (TYPE III)	L.F.	80

3

SUMMER TREES DR

DETOUR



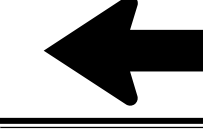
D3-1
54" x 12"
4.5 SF

M4-9R
30" x 24"
5 SF

4

SUMMER TREES DR

DETOUR



D3-1
54" x 12"
4.5 SF

M4-9L
30" x 24"
5 SF

5



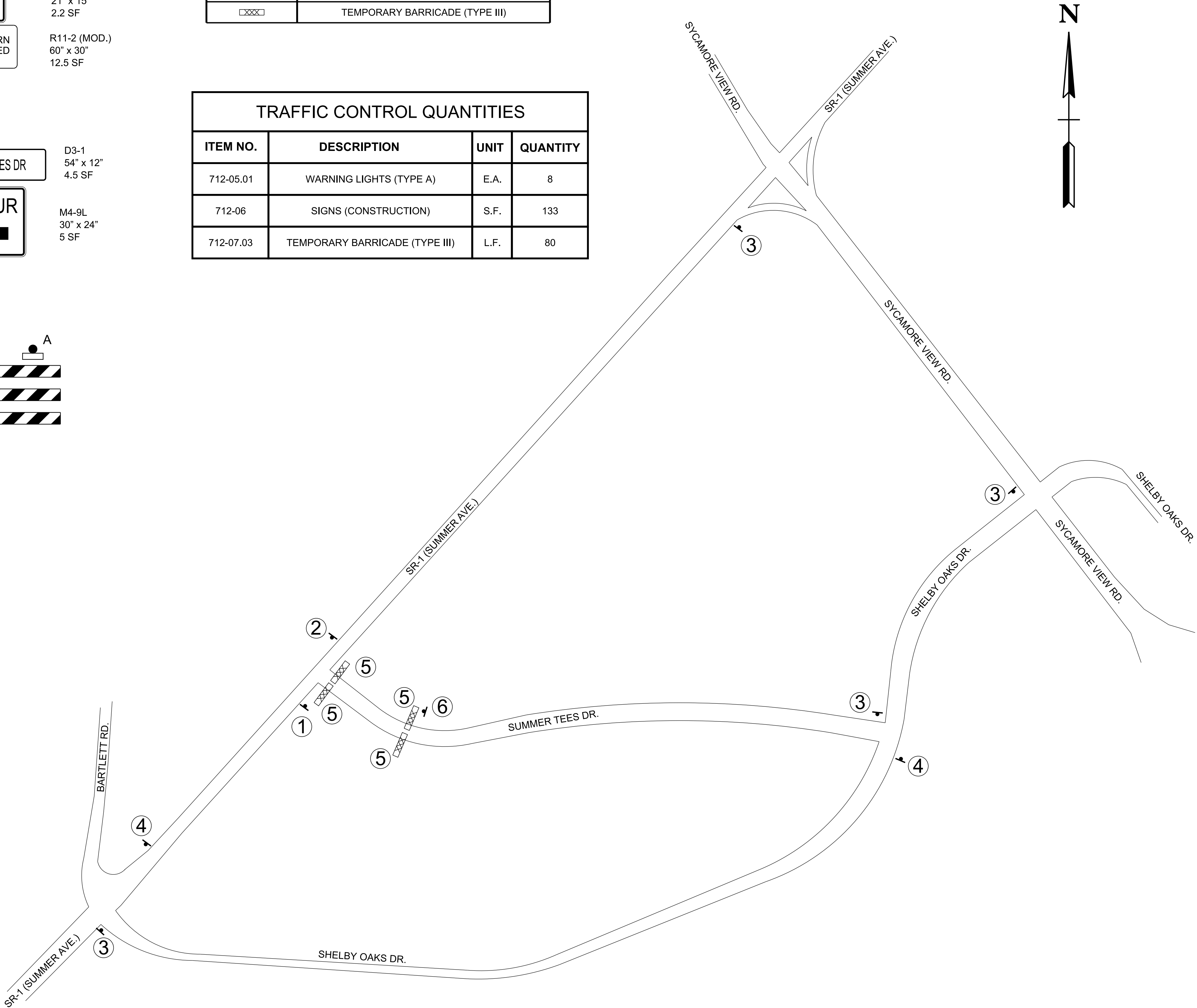
TYPE III BARRICADE ROAD CLOSURE (20 FT)
w/ TYPE A
WARNING LIGHTS

R11-2
48" X 30"
10 SF

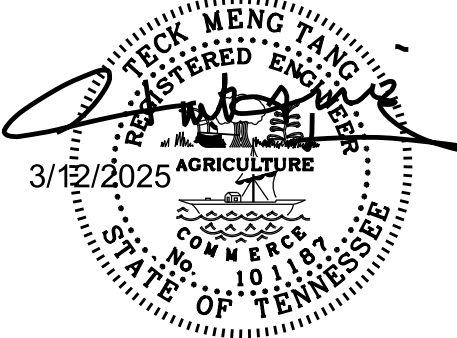
6

END
DETOUR

M4-8A
24" x 12"
2 SF



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DEPARTMENT OF TRANSPORTATION

TRAFFIC
CONTROL
PLANS

SUMMER TREES DR. CLOSURE
SCALE: NTS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T2D

REV. 3-12-25: ADDED SHEET T2D

- 1

NO RIGHT TURN
ROAD CLOSED

DETOUR

↑
- R11-2 (MOD.)
60" x 30"
12.5 SF
M4-8
24" x 12"
2 SF
M6-3
21" x 15"
2.2 SF
- 2

NO LEFT TURN
ROAD CLOSED

DETOUR

↑
- R11-2 (MOD.)
60" x 30"
12.5 SF
M4-8
24" x 12"
2 SF
M6-3
21" x 15"
2.2 SF
- 3

BARTLETT RD.

DETOUR

→
- D3-1
54" x 12"
4.5 SF
M4-9R
30" x 24"
5 SF
- 4

BARTLETT RD.

DETOUR

←
- D3-1
54" x 12"
4.5 SF
M4-9L
30" x 24"
5 SF
- 5

ROAD CLOSED

R11-2
48" X 30"
10 SF
- TYPE III BARRICADE ROAD CLOSURE (20 FT)
w/ TYPE A
WARNING LIGHTS
- 6

END
DETOUR

M4-8A
24" x 12"
2 SF
- 7

ROAD CLOSED
3/4 MILE AHEAD
LOCAL TRAFFIC ONLY

R11-3A
60" x 30"
12.5 SF
- 8

ROAD CLOSED
1/2 MILE AHEAD
LOCAL TRAFFIC ONLY

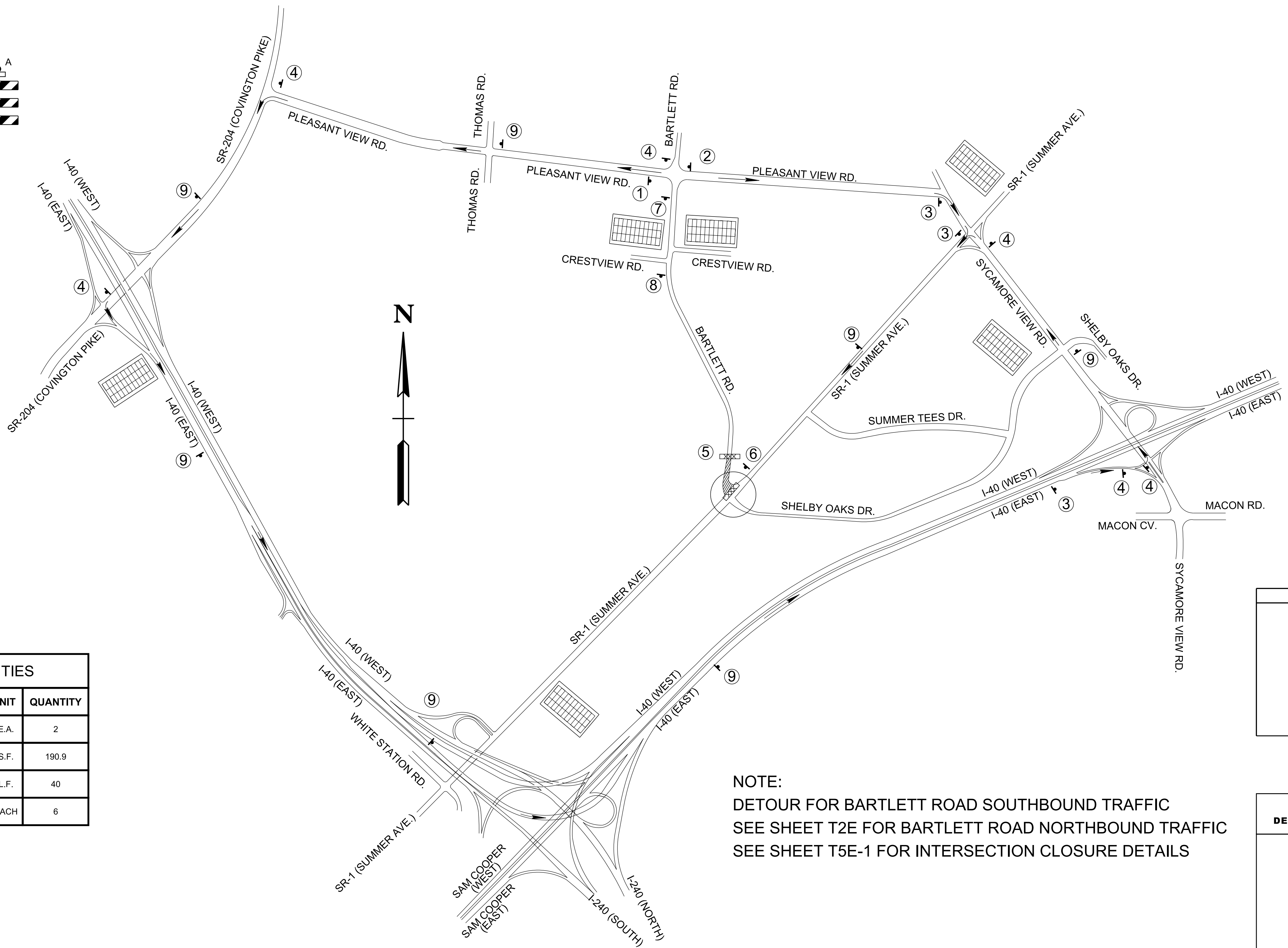
R11-3A
60" x 30"
12.5 SF
- 9

BARTLETT RD.

DETOUR

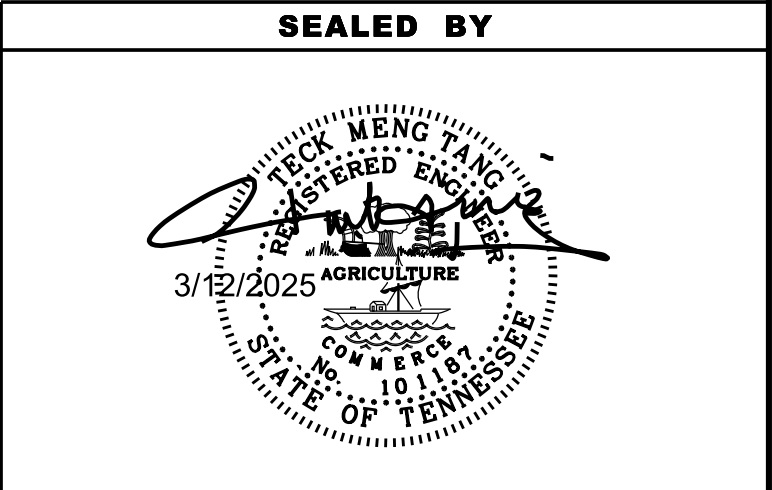
↑
- D3-1
54" x 12"
4.5 SF
M4-8
24" x 12"
2 SF
M6-3
21" x 15"
2.2 SF

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	SIGN (CONSTRUCTION)
XXXX	TEMPORARY BARRICADE (TYPE III)
[Grid]	CHANGEABLE MESSAGE SIGN
→	TRAFFIC FLOW
////	WORK ZONE



TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
712-05.01	WARNING LIGHTS (TYPE A)	E.A.	2
712-06	SIGNS (CONSTRUCTION)	S.F.	190.9
712-07.03	TEMPORARY BARRICADE (TYPE III)	L.F.	40
713-16.01	CHANGEABLE MESSAGE SIGN UNIT (DESCRIPT)	EACH	6

NOTE:
DETOUR FOR BARTLETT ROAD SOUTHBOUND TRAFFIC
SEE SHEET T2E FOR BARTLETT ROAD NORTHBOUND TRAFFIC
SEE SHEET T5E-1 FOR INTERSECTION CLOSURE DETAILS



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TRAFFIC
CONTROL
PLANS
BARTLETT RD.
SCALE: NTS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T2E

REV. 3-12-25: ADDED SHEET T2E

- 1

NO RIGHT TURN
ROAD CLOSED

DETOUR

↑
- R11-2 (MOD.)
60" x 30"
12.5 SF

M4-8
24" x 12"
2 SF

M6-3
21" x 15"
2.2 SF
- 2

NO LEFT TURN
ROAD CLOSED

DETOUR

↑
- R11-2 (MOD.)
60" x 30"
12.5 SF

M4-8
24" x 12"
2 SF

M6-3
21" x 15"
2.2 SF
- 3

BARTLETT RD.

DETOUR

→
- D3-1
54" x 12"
4.5 SF

M4-9R
30" x 24"
5 SF
- 4

BARTLETT RD.

DETOUR

←
- D3-1
54" x 12"
4.5 SF

M4-9L
30" x 24"
5 SF
- 5

ROAD CLOSED

R11-2
48" X 30"
10 SF

TYPE III BARRICADE ROAD CLOSURE (20 FT)
w/ TYPE A
WARNING LIGHTS
- 6

END
DETOUR

M4-8A
24" x 12"
2 SF
- 7

ROAD CLOSED
3/4 MILE AHEAD
LOCAL TRAFFIC ONLY

R11-3A
60" x 30"
12.5 SF
- 8

ROAD CLOSED
1/2 MILE AHEAD
LOCAL TRAFFIC ONLY

R11-3A
60" x 30"
12.5 SF
- 9

BARTLETT RD.

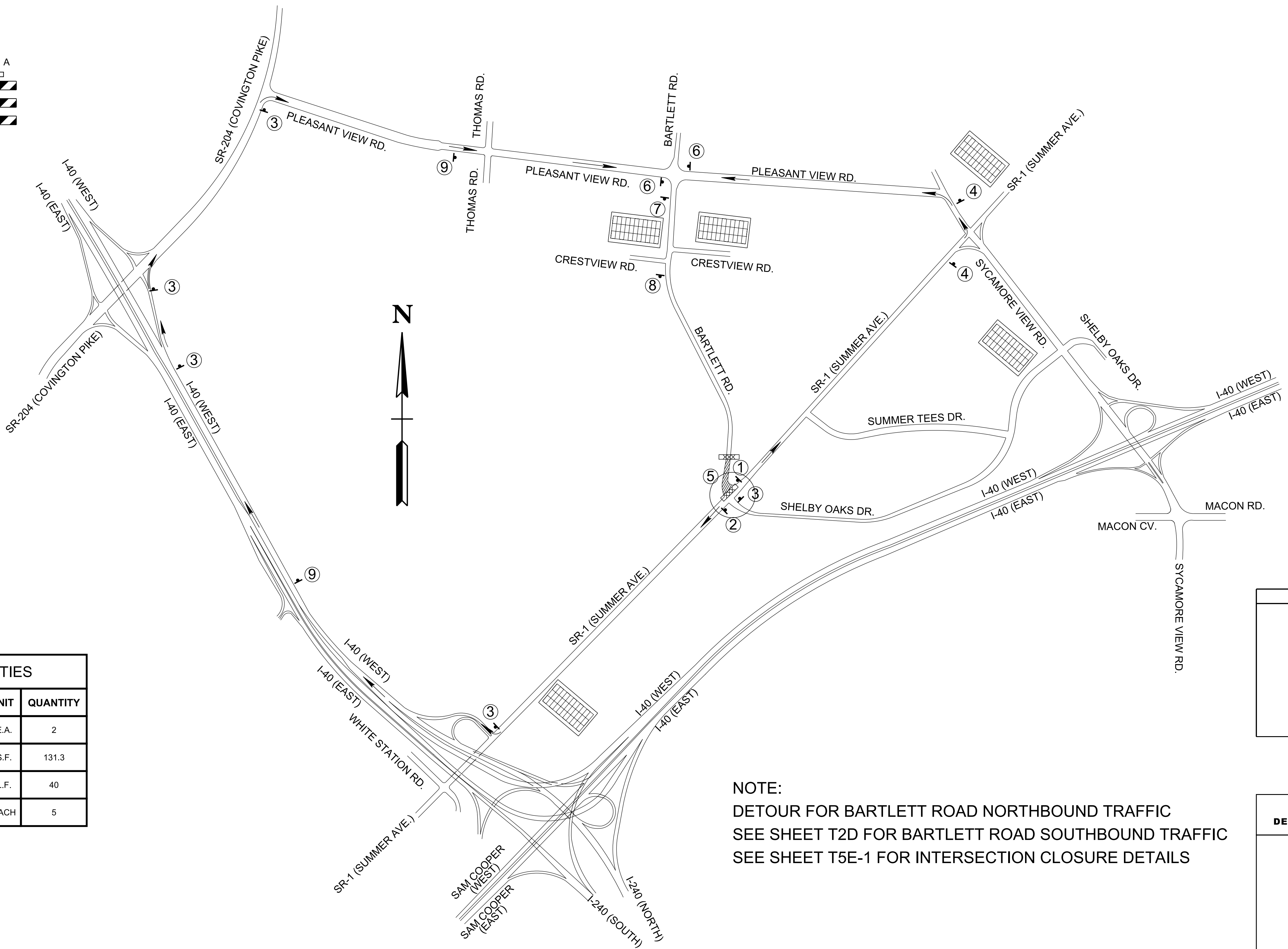
DETOUR

↑
- D3-1
54" x 12"
4.5 SF

M4-8
24" x 12"
2 SF

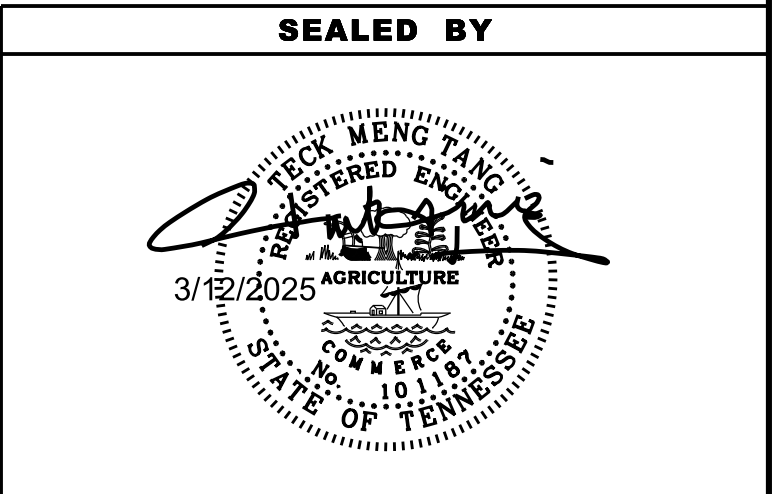
M6-3
21" x 15"
2.2 SF

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION)
	TEMPORARY BARRICADE (TYPE III)
	CHANGEABLE MESSAGE SIGN
	TRAFFIC FLOW
	WORK ZONE



TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
712-05.01	WARNING LIGHTS (TYPE A)	E.A.	2
712-06	SIGNS (CONSTRUCTION)	S.F.	131.3
712-07.03	TEMPORARY BARRICADE (TYPE III)	L.F.	40
713-16.01	CHANGEABLE MESSAGE SIGN UNIT (DESCRIPT)	EACH	5

NOTE:
DETOUR FOR BARTLETT ROAD NORTHBOUND TRAFFIC
SEE SHEET T2D FOR BARTLETT ROAD SOUTHBOUND TRAFFIC
SEE SHEET T5E-1 FOR INTERSECTION CLOSURE DETAILS



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TRAFFIC CONTROL PLANS
BARTLETT RD.
SCALE: NTS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T2F

REV. 3-12-25: ADDED SHEET T2F

1

NO RIGHT TURN
ROAD CLOSED

SYCAMORE VIEW

DETOUR

↑

R11-2 (MOD.)
60" x 30"
12.5 SF
M4-8
24" x 12"
2 SF
M6-3
21" x 15"
2.2 SF

D3-1
54" x 12"
4.5 SF

2

NO LEFT TURN
ROAD CLOSED

SYCAMORE VIEW

DETOUR

→

R11-2 (MOD.)
60" x 30"
12.5 SF
M4-9R
30" x 24"
5 SF

D3-1
54" x 12"
4.5 SF

3

SYCAMORE VIEW

DETOUR

→

M4-9R
30" x 24"
5 SF

D3-1
54" x 12"
4.5 SF

4

SYCAMORE VIEW

DETOUR

←

M4-9L
30" x 24"
5 SF

D3-1
54" x 12"
4.5 SF

5

ROAD
CLOSED

R11-2
48" X 30"
10 SF

TYPE III BARRICADE ROAD CLOSURE (40 FT)
w/ TYPE A
WARNING LIGHTS

6

END
DETOUR

M4-8A
24" x 12"
2 SF

7

ROAD CLOSED
TO
THRU TRAFFIC

R11-4
60" x 30"
12.5 SF

8

SYCAMORE VIEW

DETOUR

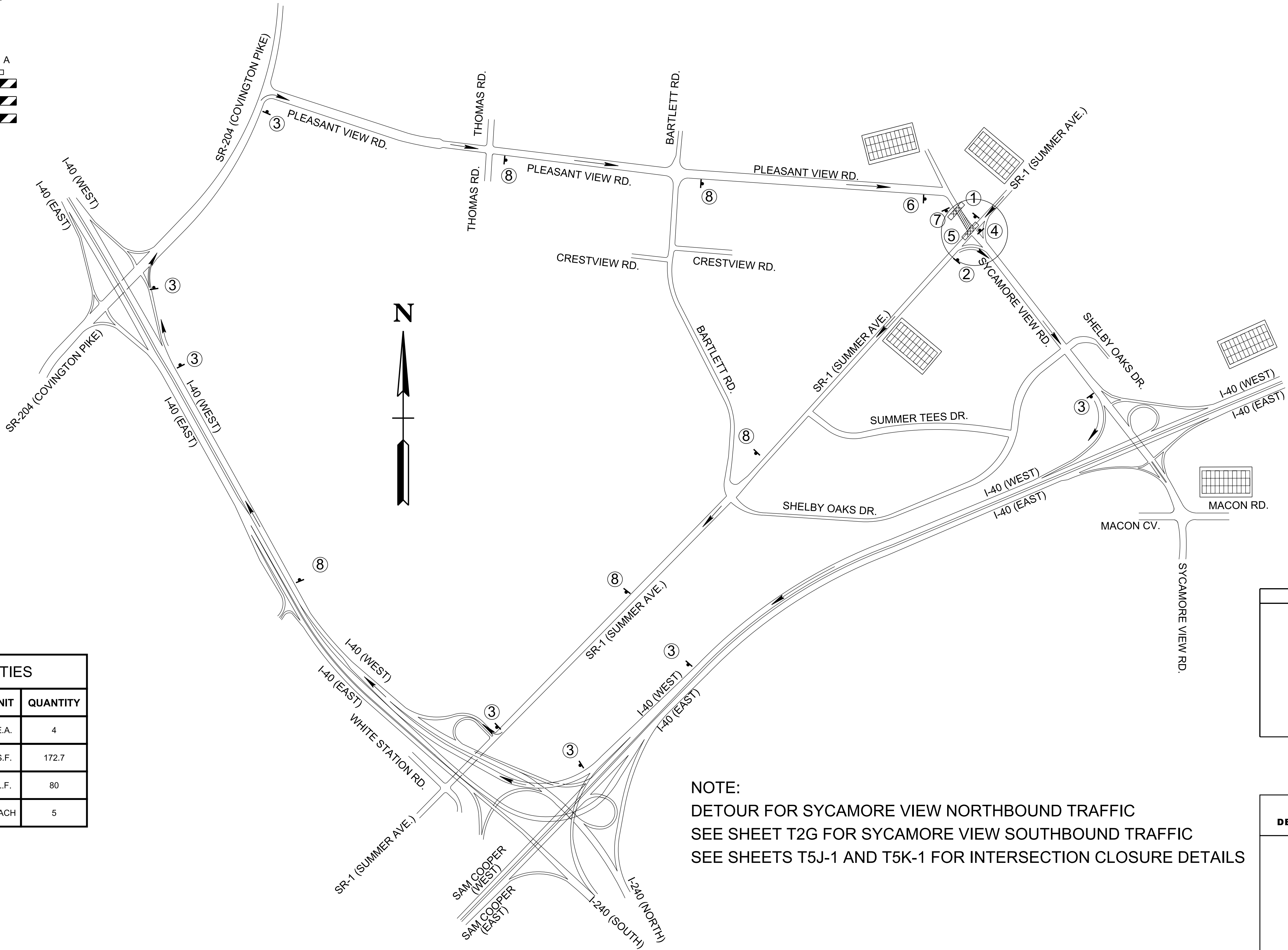
↑

M4-8
24" x 12"
2 SF
M6-3
21" x 15"
2.2 SF

D3-1
54" x 12"
4.5 SF

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
↓	SIGN (CONSTRUCTION)
XXXX	TEMPORARY BARRICADE (TYPE III)
[Grid]	CHANGEABLE MESSAGE SIGN
→	TRAFFIC FLOW
///	WORK ZONE

TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
712-05.01	WARNING LIGHTS (TYPE A)	E.A.	4
712-06	SIGNS (CONSTRUCTION)	S.F.	172.7
712-07.03	TEMPORARY BARRICADE (TYPE III)	L.F.	80
713-16.01	CHANGEABLE MESSAGE SIGN UNIT (DESCRIPT)	EACH	5



NOTE:
DETOUR FOR SYCAMORE VIEW NORTHBOUND TRAFFIC
SEE SHEET T2G FOR SYCAMORE VIEW SOUTHBOUND TRAFFIC
SEE SHEETS T5J-1 AND T5K-1 FOR INTERSECTION CLOSURE DETAILS

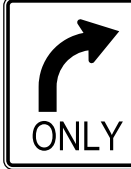
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
CONTROL
PLANS
SYCAMORE VIEW
SCALE: NTS

1

SYCAMORE VIEW




D3-1
54" x 12"
4.5 SF

R3-5R
30" x 36
7.5 SF

2

SYCAMORE VIEW




D3-1
54" x 12"
4.5 SF

M4-8
24" x 12"
2 SF

M6-3
21" x 15"
2.2 SF

3

SYCAMORE VIEW




D3-1
54" x 12"
4.5 SF

M4-9L
30" x 24"
5 SF

4

SYCAMORE VIEW

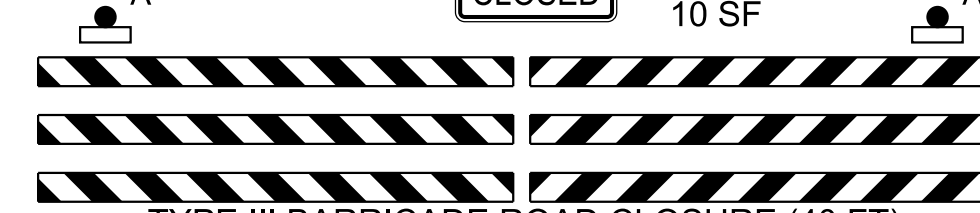


D3-1
54" x 12"
4.5 SF

M4-9R
30" x 24"
5 SF

5

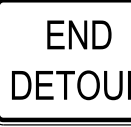
ROAD CLOSED



R11-2
48" X 30"
10 SF

6


END DETOUR




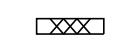
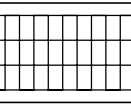
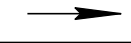

M4-8A
24" x 12"
2 SF

7

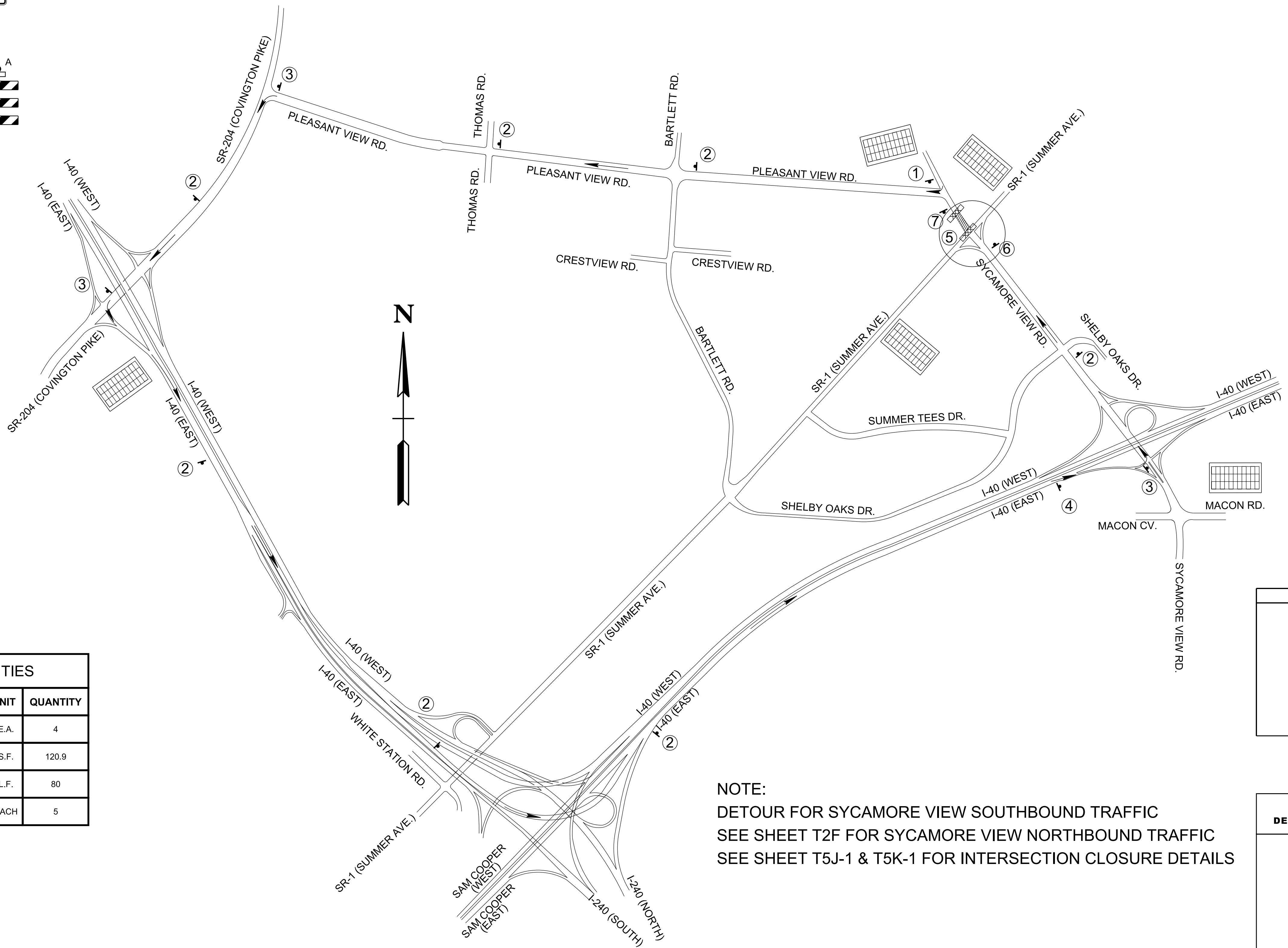
ROAD CLOSED TO THRU TRAFFIC



R11-4
60" x 30"
12.5 SF

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	SIGN (CONSTRUCTION)
	TEMPORARY BARRICADE (TYPE III)
	CHANGEABLE MESSAGE SIGN
	TRAFFIC FLOW
	WORK ZONE

TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
712-05.01	WARNING LIGHTS (TYPE A)	E.A.	4
712-06	SIGNS (CONSTRUCTION)	S.F.	120.9
712-07.03	TEMPORARY BARRICADE (TYPE III)	L.F.	80
713-16.01	CHANGEABLE MESSAGE SIGN UNIT (DESCRIPT)	EACH	5

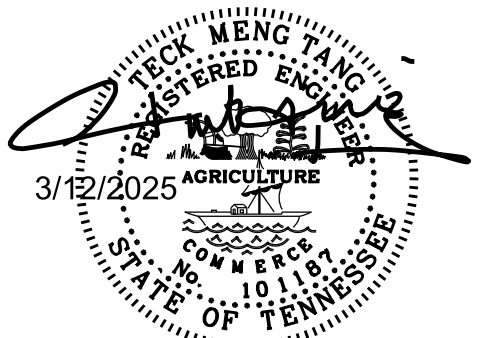


NOTE:
DETOUR FOR SYCAMORE VIEW SOUTHBOUND TRAFFIC
SEE SHEET T2F FOR SYCAMORE VIEW NORTHBOUND TRAFFIC
SEE SHEET T5J-1 & T5K-1 FOR INTERSECTION CLOSURE DETAILS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T2G

REV. 3-12-25: ADDED SHEET T2G

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TRAFFIC CONTROL PLANS
SYCAMORE VIEW
SCALE: NTS

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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	FLEXIBLE DRUMS (CHANNELIZING)
	PORTABLE BARRIER RAIL
	TEMPORARY BARRICADE (TYPE II)
	TEMPORARY BARRICADE (TYPE III)
	SIGN (CONSTRUCTION)
	ARROW BOARD TYPE C (SINGLE ARROW)
	WARNING LIGHT (TYPE A) (LOW-INTENSITY FLASHING)
	REMOVE PAVEMENT STRIPING
	TEMPORARY ATTENUATOR
	TRAFFIC FLOW
	WORK ZONE

INSTALL TEMPORARY TRAFFIC SIGNALS
AT BARTLETT/SHELBY OAKS DR.
REFER TO NOTE ON SHEET T2B.

NOTE: FLEXIBLE DRUMS SHALL BE SPACED 20' ON SHIFTING
TAPERS & 50' ON TANGENT UNLESS SHOWN PER PLANS.
DELINEATOR SHALL BE SPACED 40' ON SHIFTING TAPERS &
80' ON TANGENT UNLESS SHOWN PER PLANS.
CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE DRIVES
AT ALL TIMES DURING CONSTRUCTIONS.

NOTE:- PHASE 3A IS A SUB-PHASE FOR WATERLINE INSTALLATION/REMOVAL;
THIS REQUIRES BARLETT ROAD TO BE CLOSED.
REFER TO SHEET T2D & T2E FOR DETOUR MAPS & ADDITIONAL SIGNS.

MAINTAIN TRAFFIC ON THE SOUTH SIDE (EB) WITH THREE 11-FT LANES
AND CONSTRUCT THE NEW ROADWAY ON THE NORTH SIDE (WB).

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T5E-1

REV. 3-12-25: ADDED SHEET T5E-1.

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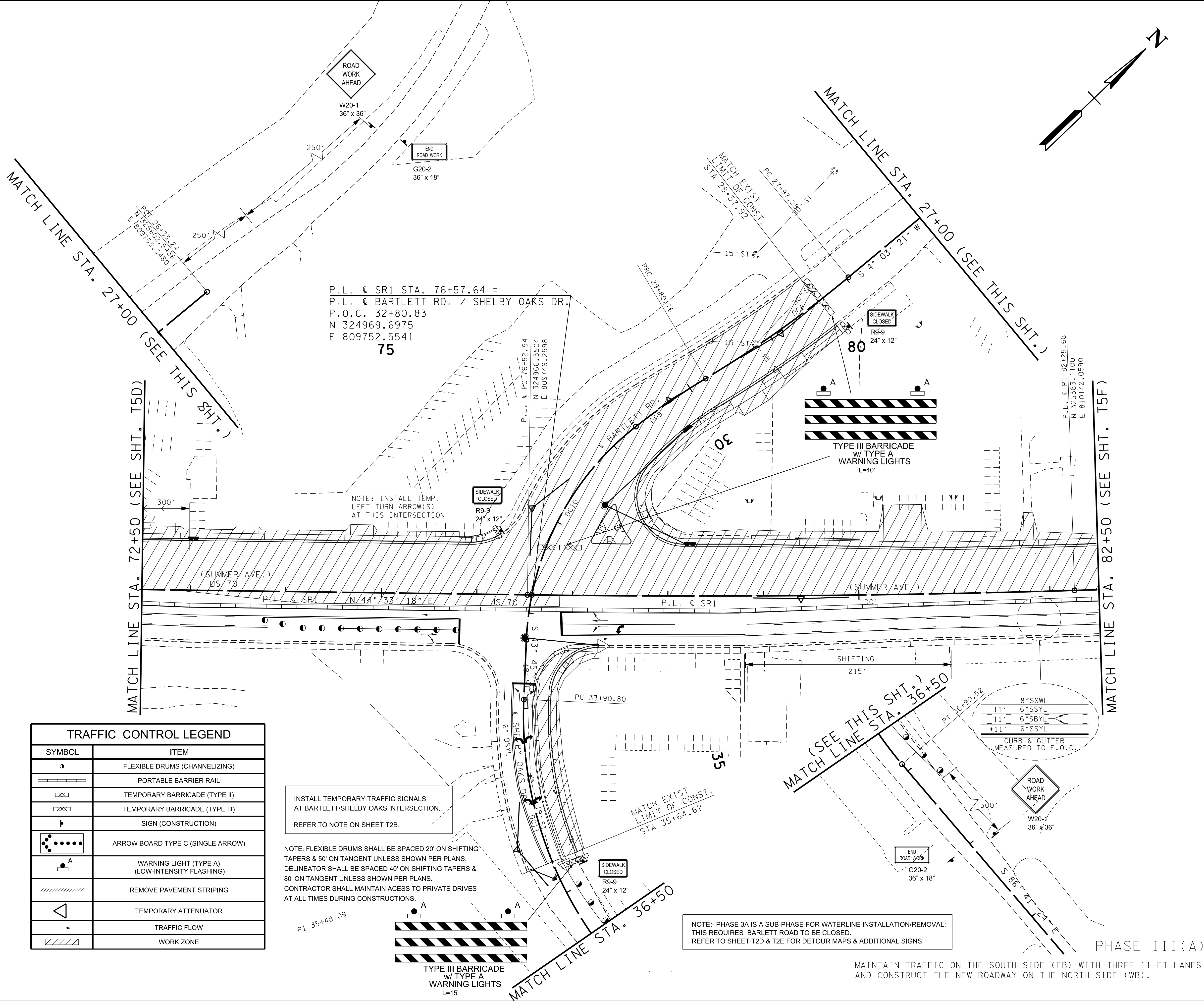
TECK MENG TANG
REGISTERED ENGINEER
No. 101177
3/12/2025
STATE OF TENNESSEE

COORDINATES ARE NAD 83(1995), ARE
DATUM ADJUSTED BY THE FACTOR
OF 1.00006 AND TIED TO THE TGRN.
ALL ELEVATIONS ARE REFERENCED
TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

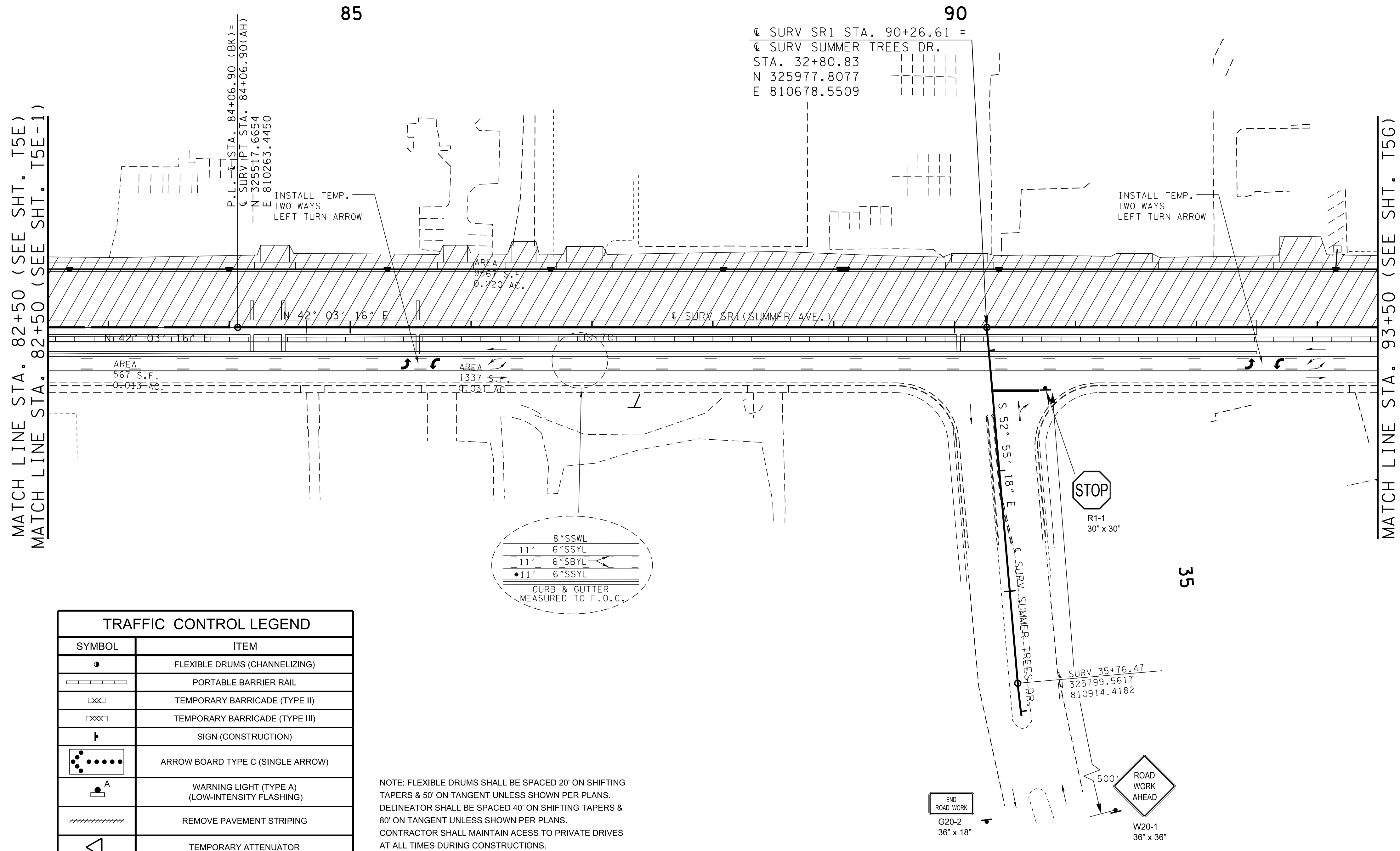
TRAFFIC
CONTROL
PLANS

STA. 72+50 TO STA. 82+50
SCALE: 1"=50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T5F

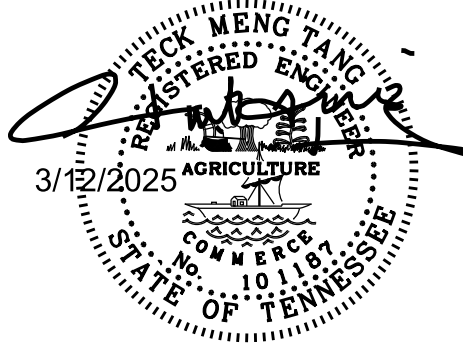
REV. 3-12-25: ADDED MATCHLINE SEE SHT. T5E-1.



PHASE III

MAINTAIN TRAFFIC ON THE SOUTH SIDE (EB) WITH THREE 11-FT LANES AND CONSTRUCT THE NEW ROADWAY ON THE NORTH SIDE (WB).

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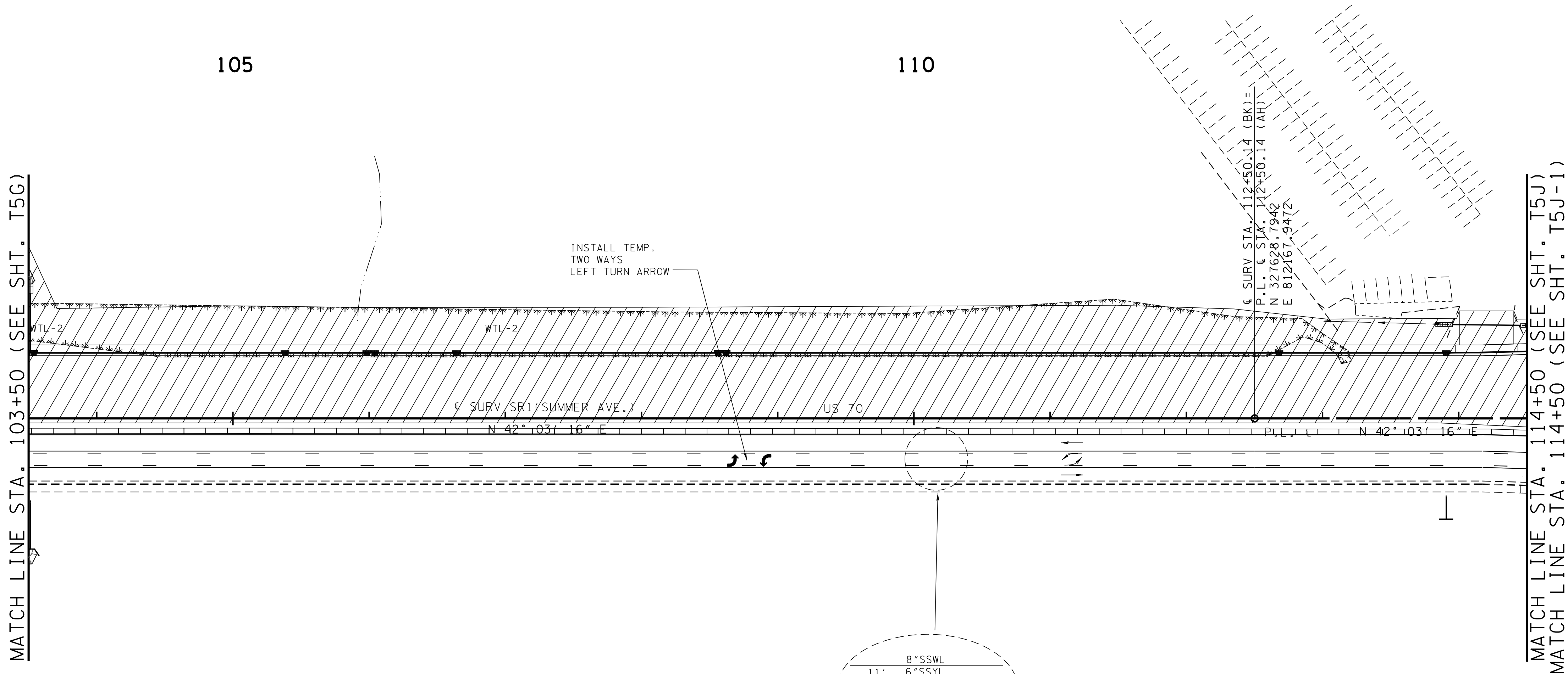
COORDINATES ARE NAD 83(1995), ARE
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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLANS

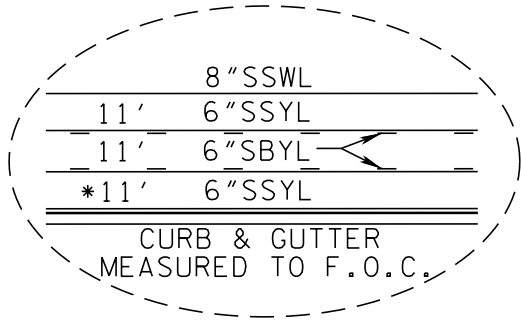
STA. 82+50 TO STA. 93+50
SCALE: 1"=50'

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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	FLEXIBLE DRUMS (CHANNELIZING)
	PORTABLE BARRIER RAIL
	TEMPORARY BARRICADE (TYPE II)
	TEMPORARY BARRICADE (TYPE III)
	SIGN (CONSTRUCTION)
	ARROW BOARD TYPE C (SINGLE ARROW)
	WARNING LIGHT (TYPE A) (LOW-INTENSITY FLASHING)
	REMOVE PAVEMENT STRIPING
	TEMPORARY ATTENUATOR
	TRAFFIC FLOW
	WORK ZONE

NOTE: FLEXIBLE DRUMS SHALL BE SPACED 20' ON SHIFTING TAPERS & 50' ON TANGENT UNLESS SHOWN PER PLANS. DELINEATOR SHALL BE SPACED 40' ON SHIFTING TAPERS & 80' ON TANGENT UNLESS SHOWN PER PLANS. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE DRIVES AT ALL TIMES DURING CONSTRUCTIONS.



MAINTAIN TRAFFIC ON THE SOUTH SIDE (EB) WITH THREE 11-FT LANES AND CONSTRUCT THE NEW ROADWAY ON THE NORTH SIDE (WB).

PHASE III

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T5H

REV. 3-12-25: ADDED MATCHLINE SEE SHT. T5J-1.

SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

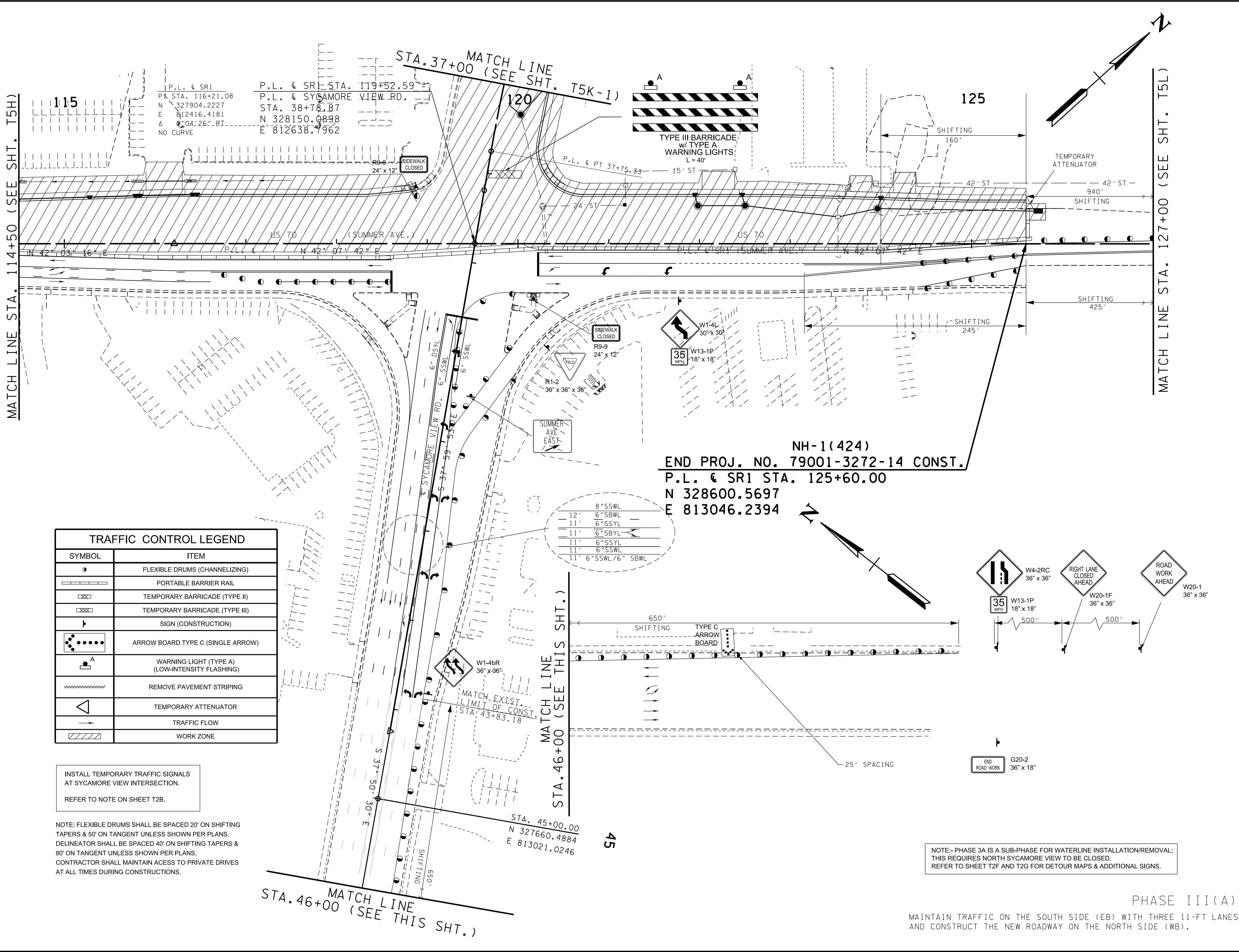
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
CONTROL
PLANS

STA. 103+50 TO STA. 114+50
SCALE: 1"=50'

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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	FLEXIBLE DRUMS (CHANNELIZING)
	PORTABLE BARRIER RAIL
	TEMPORARY BARRICADE (TYPE II)
	TEMPORARY BARRICADE (TYPE III)
	SIGN (CONSTRUCTION)
	ARROW BOARD TYPE C (SINGLE ARROW)
	WARNING LIGHT (TYPE A) (LOW-INTENSITY FLASHING)
	REMOVE PAVEMENT STRIPING
	TEMPORARY ATTENUATOR
	TRAFFIC FLOW
	WORK ZONE

INSTALL TEMPORARY TRAFFIC SIGNALS
AT SYCAMORE VIEW INTERSECTION.

REFER TO NOTE ON SHEET T2B.

NOTE: FLEXIBLE DRUMS SHALL BE SPACED 20' ON SHIFTING
TAPERS & 50' ON TANGENT UNLESS SHOWN PER PLANS.
DELINEATOR SHALL BE SPACED 40' ON SHIFTING TAPERS &
80' ON TANGENT UNLESS SHOWN PER PLANS.
CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE DRIVES
AT ALL TIMES DURING CONSTRUCTIONS.

NOTE:- PHASE 3A IS A SUB-PHASE FOR WATERLINE INSTALLATION/REMOVAL;
THIS REQUIRES NORTH SYCAMORE VIEW TO BE CLOSED.
REFER TO SHEET T2F AND T2G FOR DETOUR MAPS & ADDITIONAL SIGNS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T5J-1

REV. 3-12-25: ADDED SHEET T5J-1.

SEALED BY

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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

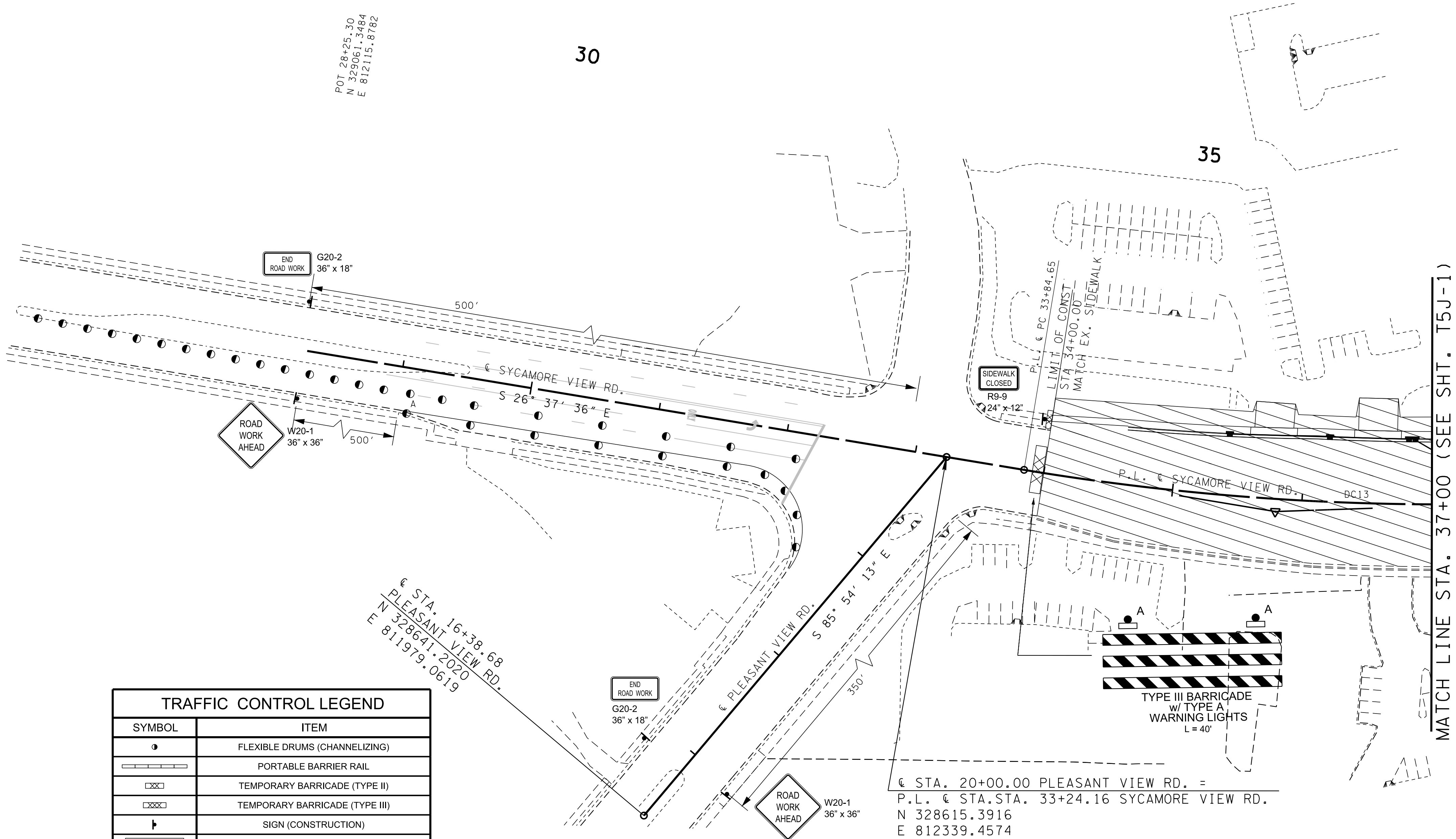
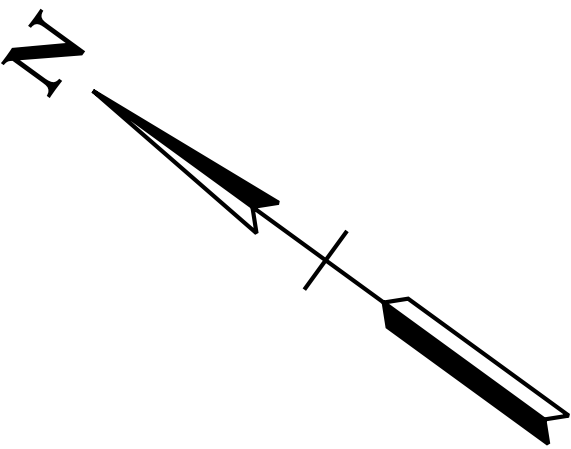
TRAFFIC CONTROL PLANS

STA. 114+50 TO STA. 127+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T5K-1

REV. 3-12-25: ADDED SHEET T5K-1

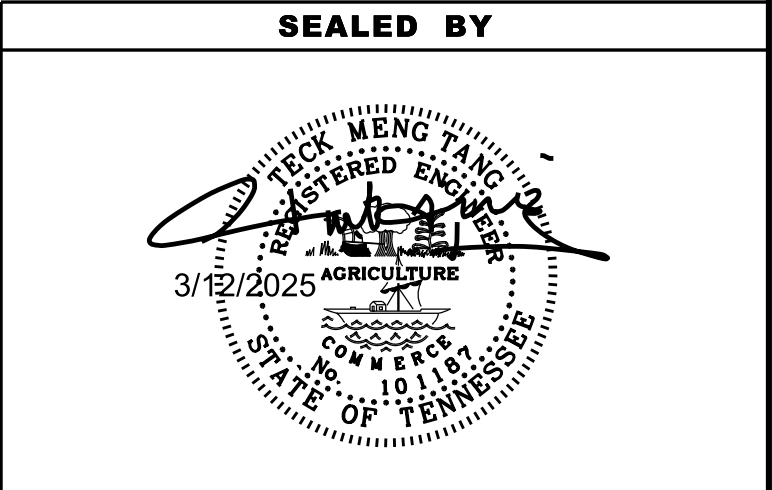


TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	FLEXIBLE DRUMS (CHANNELIZING)
	PORTABLE BARRIER RAIL
	TEMPORARY BARRICADE (TYPE II)
	TEMPORARY BARRICADE (TYPE III)
	SIGN (CONSTRUCTION)
	ARROW BOARD TYPE C (SINGLE ARROW)
	WARNING LIGHT (TYPE A) (LOW-INTENSITY FLASHING)
	REMOVE PAVEMENT STRIPING
	TEMPORARY ATTENUATOR
	TRAFFIC FLOW
	WORK ZONE

NOTE: FLEXIBLE DRUMS SHALL BE SPACED 20' ON SHIFTING TAPERS & 50' ON TANGENT UNLESS SHOWN PER PLANS. DELINEATOR SHALL BE SPACED 40' ON SHIFTING TAPERS & 80' ON TANGENT UNLESS SHOWN PER PLANS. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE DRIVES AT ALL TIMES DURING CONSTRUCTIONS.

MAINTAIN TRAFFIC ON THE SOUTH SIDE (EB) WITH THREE 11-FT LANES AND CONSTRUCT THE NEW ROADWAY ON THE NORTH SIDE (WB).

PHASE III (A)



COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
CONTROL
PLANS

STA. 37+00 TO L.O.C.
SCALE: 1"=50'

MATCH LINE STA. 127+00 (SEE SHT. T5J)
MATCH LINE STA. 127+00 (SEE SHT. T5J-1)

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	FLEXIBLE DRUMS (CHANNELIZING)
	PORTABLE BARRIER RAIL
	TEMPORARY BARRICADE (TYPE II)
	TEMPORARY BARRICADE (TYPE III)
	SIGN (CONSTRUCTION)
	ARROW BOARD TYPE C (SINGLE ARROW)
	WARNING LIGHT (TYPE A) (LOW-INTENSITY FLASHING)
	REMOVE PAVEMENT STRIPING
	TEMPORARY ATTENUATOR
	TRAFFIC FLOW
	WORK ZONE

NOTE: FLEXIBLE DRUMS SHALL BE SPACED 20' ON SHIFTING
TAPERS & 50' ON TANGENT UNLESS SHOWN PER PLANS.
DELINEATOR SHALL BE SPACED 40' ON SHIFTING TAPERS &
80' ON TANGENT UNLESS SHOWN PER PLANS.
CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE DRIVES
AT ALL TIMES DURING CONSTRUCTIONS.

130

135

P.L. & SR1 STA. 133+62.92 =
P.L. & MUNSON RD. STA. 37+06.15
N 329196.0491
E 813584.8295

TYPE C
ARROW
BOARD

940'
SHIFTING

SHIFTING
425'

P.L. & SR1 (SUMMER AVE.) N 42° 07' 42" E

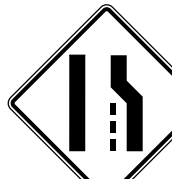
35

P.L. & MUNSON RD.
CURVE DC14
PI 35+31.35
N 329,075.0075
E 813,718.6563
Δ 52° 14' 23" (LT)
R 164.04
L 149.57
T 80.43
SE NC

P.L. & PC STA. 34+56.57(BK)
P.L. & PT 36+06.14

DC14

END
ROAD WORK
G20-2
36" x 18"



W13-1P
18" x 18"

W4-2RC
36" x 36"

RIGHT LANE
CLOSED
AHEAD

ROAD
WORK
500 FT

W20-1F
36" x 36"

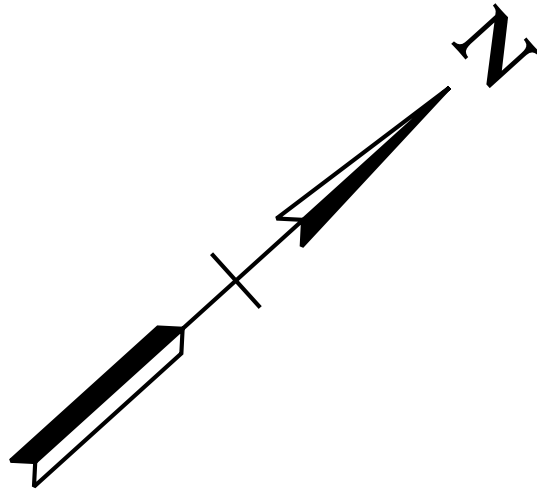
W20-5R
36" x 36"

ROAD
WORK
1000 FT

W20-1F
36" x 36"

ROAD
WORK
1/2 MILE

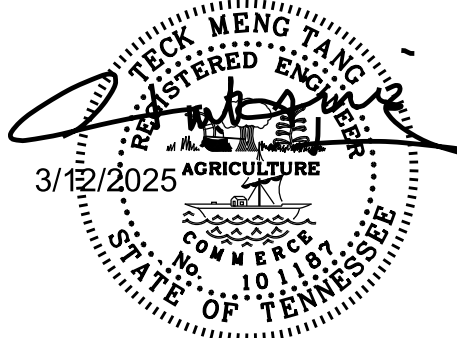
W20-1M
36" x 36"



TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-1(424)	T5L

REV. 3-12-25: ADDED MATCHLINE SEE SHT. T5J-1.

SEALED BY



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC
CONTROL
PLANS

STA. 127+00 TO END OF PROJ.
SCALE: 1"=50'

PHASE III

MAINTAIN TRAFFIC ON THE SOUTH SIDE (EB) WITH THREE 11-FT LANES
AND CONSTRUCT THE NEW ROADWAY ON THE NORTH SIDE (WB).