



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Brian Lee

2025.01.28 19:34:01 -06'00'

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

PALMER ENGINEERING
2817 ERICA PLACE
NASHVILLE, TN 37204
J. BRIAN LEE, P.E. 107296

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-SIGN2
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES.....	2, 2-1, 2-3
FOOTNOTES.....	2-5
TABULATED QUANTITIES.....	2F6
SIGNING AND PAVEMENT MARKING PLAN(S)	104, 106, 108, 110
SIGN SCHEDULE SHEET(S)	121 - 124

YEAR	PROJECT NO.	SHEET NO.
2025	NH-I-65-3(129)	ROADWAY-SIGN2

REV. 01-23-25: ADDED THIS SHEET

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET

1/24/2025 6:26:59 PM
T:\TDOT\Davidson-Summer_165\001A.sht

PS&E INDEX OF SHEETS

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN2
SIGNATURE SHEET	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
STANDARD ROADWAY DRAWINGS	1A1, 1A2
STANDARD STRUCTURE AND TRAFFIC OPERATIONS DRAWINGS	1A3
PROJECT COMMITMENTS	1B
ESTIMATED ROADWAY QUANTITIES	2, 2-1 - 2-4
FOOTNOTES.....	2-5
TYPICAL SECTIONS AND PAVEMENT SCHEDULE.....	2B, 2B1 - 2B19
GENERAL NOTES	2C, 2C1
SPECIAL NOTES	2D
ENVIRONMENTAL NOTES.....	2E
TABULATED QUANTITIES.....	2F, 2F1 - 2F8
DETAIL SHEETS	2G, 2G1 - 2G17
UTILITY NOTES AND UTILITY OWNERS.....	3
PROPERTY MAP(S).....	3A - 3E
PRESENT LAYOUT(S).....	4 - 18, 18D, 19,
.....	19D, 20 - 21
RIGHT-OF-WAY DETAILS	7A - 18A, 18E,
.....	19A, 19E,
.....	20A - 21A
PROPOSED LAYOUT(S).....	4A - 6A, 7B - 18B,
.....	18F, 19B, 19F,
.....	20B - 21B
PROPOSED PROFILE(S).....	7C - 21C
PROPOSED BASELINE PROFILE(S)	22 - 49
RAMP PROFILE(S)	50 - 62
SIDE ROAD PROFILE(S)	63 - 66
HAUL ROAD PROFILE(S).....	67 - 68
DRAINAGE MAP(S).....	69 - 73
CULVERT SECTION(S).....	74 - 88
EROSION PREVENTION AND SEDIMENT CONTROL PLANS	89, 90, 91 - 93X
SIGNING AND PAVEMENT MARKING PLAN(S)	94 - 116
SIGN SCHEDULE SHEET(S)	117 - 125
MISCELLANEOUS SIGNING DETAILS	126 - 136
ROADWAY CROSS SECTIONS.....	137 - 284
SIDE ROAD CROSS SECTIONS	285 - 411
TRAFFIC CONTROL PLANS	T1 - T7C
BRIDGE PLANS	B-1
GEOTECHNICAL PLANS	G-1
ITS PLANS	ITS-1
LIGHTING PLANS	L-1
RETAINING WALL PLANS	R-1
SIGNAL PLANS	SIG-1

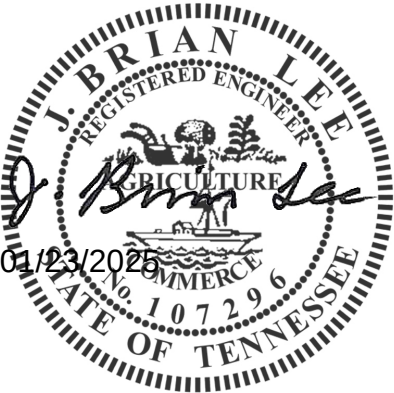
STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS..... S-1		
UTILITIES PLANS..... U1-1		
NOTE: THE ALPHABETICAL LETTERS “I”, “O” & “Q” ARE NOT USED IN THE NUMBERING OF SHEETS.		
10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
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	02-20-20	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-5	07-30-24	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
10-101.00 ROADWAY DESIGN STANDARDS		
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-SE-3		SUPERELEVATION TRANSITION DETAILS FOR DIVIDED ROADWAYS
RD11-SE-3A		SUPERELEVATION TRANSITION SECTIONS FOR DIVIDED ROADWAYS
RD11-TS-1A	06-28-19	DESIGN STANDARDS FOR LOCAL ROADS AND STREETS
RD11-TS-3B		DESIGN STANDARDS FOR ARTERIAL HIGHWAYS WITH FLUSH MEDIAN (4 AND 6 LANE)
RD11-TS-4		DESIGN STANDARDS FOR ARTERIAL AND FREEWAY RAMPs (1, 2 AND 3 LANE)
RD11-TS-5	06-28-19	DESIGN STANDARDS FOR FREEWAYS WITH DEPRESSED MEDIAN (4 AND 6 LANE)
RD11-TS-5B		DESIGN STANDARDS FOR FREEWAYS WITH MEDIAN BARRIER (4 AND 6 LANE)
RD11-TS-5W	06-15-21	TYPICAL DETAIL FOR INSIDE LANE WIDENING OF FREEWAYS
RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS
RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD11-S-11B		DESIGN AND CONSTRUCTION DETAILS FOR ROCK CUT SLOPE AND CATCHMENT
RD11-SA-1	01-09-24	SAFETY APPROACH TO UNDERPASSES GRADING DESIGN AND SLOPE PROTECTION
RD11-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES

DWG.	REV.	DESCRIPTION
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
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
RD-UD-8	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 5:1 SLOPES
RD-UD-9	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES
10-102.00 PIPE CULVERTS AND ENDWALLS		
D-FLU-2A		BRIDGE END DRAIN FLUME DETAILS
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-4	01-09-24	PIPE COLLAR DETAILS
D-PE-18A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-18B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-24A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-24B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-42A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 42" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-42B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 42" PIPE, BILL OF STEEL AND PRECAST NOTES
D-SEW-12D	07-07-23	TYPE “SAFETY” SIDE DRAIN ENDWALL WITH STEEL PIPE GRATE, FOR 18" PIPE, 12:1 SLOPE
D-PE-4	06-28-19	STRAIGHT CONCRETE ENDWALLS (PIPE SIZES 18" TO 30")
D-PEW-1		PROTECTED ENDWALLS FOR ROUND & OVAL PIPES (PIPE SIZES 18" TO 72", ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PEW-2		PROTECTED ENDWALLS FOR ROUND PIPES DETAILS & QUANTITIES (PIPE SIZES 18" TO 72", ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PEW-4		PROTECTED STRAIGHT ENDWALLS (PIPE SIZES 18" TO 30" & EQU. OVAL PIPES)
D-PEW-5		RIP-RAP END TREATMENT FOR CORRUGATED METAL PIPE, OVAL AND PIPE ARCH CULVERTS WITH BEVELED ENDS (PIPE SIZES 42" & LARGER)
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

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	1A
PS&E	2025	NH-I-65-3(129)	1A
REV. 01-23-25: ADDED ROADWAY-SIGN2 TO INDEX OF SHEETS.			

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

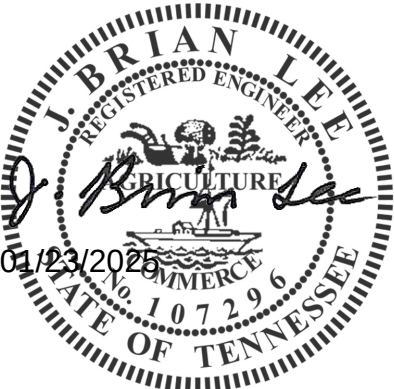
1/23/2025 12:29:47 PM
T:\TDOT\Davidson-Summer_165\002.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	2
PS&E	2025	NH-I-65-3(129)	2

REV. 01-23-25: REVISED QUANTITY FOR
ITEM NO. 411-01.07.

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 19012-3163-44	QUANTITY 83001-3146-44	TOTAL QUANTITY
	CONSTRUCTION STAKES, LINES AND GRADES	LS	0.5	0.5	1
	CPM PROJECT SCHEDULE	LS	0.5	0.5	1
	CLEARING AND GRUBBING	LS	0.5	0.5	1
(43)	REMOVAL OF STRUCTURES & OBSTRUCTIONS (OVERHEAD SIGN STRUCTURES)	LS	1		1
(17)	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	222	6955	7177
	REMOVAL OF CURB (6 INCH)	L.F.		3860	3860
	REMOVAL OF CURB AND GUTTER (6 INCH)	L.F.	73		73
(3)(4)	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	69833	122029	191862
	PRESPLITTING OF ROCK EXCAVATION	S.Y.	2800	6500	9300
(4)	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	9330	21880	31210
	PLACING AND SPREADING TOPSOIL	C.Y.	2971	2599	5570
	UNDERCUTTING	C.Y.	2900	7330	10230
	WATER	M.G.	879	748	1627
(22)	CONSTRUCTION OF HAUL ROAD	LS	0.65	0.35	1
	FOUNDATION FILL MATERIAL	C.Y.		13	13
(15)	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	16	14	30
(1)(5)	15" TEMPORARY SLOPE DRAIN	L.F.	447	125	572
(1)(5)	FILTER SOCK (24 INCH)	L.F.	2147	1006	3153
	PROTECTED AREA MARKER (WHITE WITH DECAL)	EACH	18	12	30
(1)(5)	SEDIMENT REMOVAL	C.Y.	727	1334	2061
(1)(5)	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	44444	33822	78266
(1)(5)	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	12410	6308	18718
(1)(5)	ROCK CHECK DAM	EACH	134	120	254
(1)(5)	ENHANCED ROCK CHECK DAM	EACH	32	35	67
(1)(5)	SANDBAGS	BAG	1000	1000	2000
(1)(5)	SEDIMENT FILTER BAG (15' X 15')	EACH	2	1	3
(1)(5)	JUTE MESH FABRIC	S.Y.	1027	875	1902
(1)(5)	CURB INLET PROTECTION (TYPE 4)	EACH	9	10	19
	TEMPORARY SEDIMENT TRAP	C.Y.		573	573
(1)(5)	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	3	5	8
(1)(5)	CATCH BASIN PROTECTION (TYPE A)	EACH	9	5	14
(1)(5)	CATCH BASIN PROTECTION (TYPE D)	EACH	3		3
(1)(5)	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH		4	4
	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	EACH	5	3	8
(1)(5)	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	EACH		5	5
(1)(5)	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	EACH	51	40	91
(1)(5)	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	EACH	2	2	4
(1)(5)	TEMPORARY IN STREAM DIVERSION	L.F.	1080	1178	2258
(40)	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	112541	137800	250341
	GRANULAR BACKFILL (ROADWAY)	TON		13	13
(41)	MINERAL AGGREGATE (SIZE 57)	TON	8687	4924	13611
	MINERAL AGGREGATE (SIZE 68)	TON	50	40	90
	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	3360	2176	5536
	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	TON		198	198
	ASP. CONC. MIX(PG76-22) (BPMB-HM) GR. A-S	TON	1478	4148	5626
	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON		5544	5544
	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON		5875	5875
	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	TON	41681	47625	89306
	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	TON	52893	55104	107997
	TREATED PERMEABLE BASE	S.Y.	4091	9170	13261
	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	117	154	271
(5)	AGGREGATE FOR COVER MATERIAL (PC)	TON	412	543	955
	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	164	163	327
	SAW CUTTING ASPHALT PAVEMENT	L.F.	43640	37500	81140
	ACS MIX (PG64-22) GRADING E SHOULDER	TON	1796	1882	3678
	ACS MIX(PG70-22) GRADING D	TON	314	1874	2188
(34)	ACS MIX(PG76-22) GRADING D	TON	11480	9592	21072

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

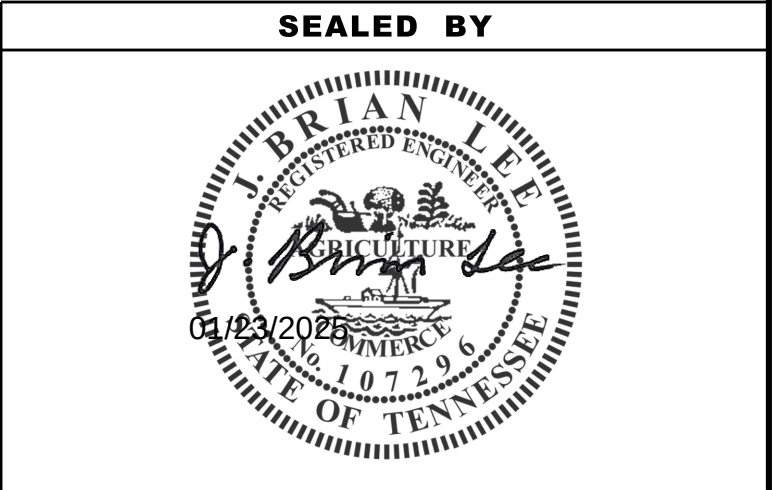
ESTIMATED
ROADWAY
QUANTITIES
SHEET 1 OF 5

1/28/2025 5:20:21 PM
T:\TDOT\Davidson-Summer_165\002-1.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	2-1
PS&E	2025	NH-I-65-3(129)	2-1

REV. 01-23-25: REMOVED ITEM NO'S
604-03.07 AND 606-24.13.

	ESTIMATED ROADWAY QUANTITIES					
	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 19012-3163-44	QUANTITY 83001-3146-44	TOTAL QUANTITY
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	7	5	12
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	12407	11345	23752
	501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	S.Y.	3979	8919	12898
	502-03.25	FULL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	C.Y.	160	160	320
	502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	L.F.	44	80	124
	502-04.02	LOAD TRANSFER DOWELS	EACH	380	380	760
	502-04.03	TRANSVERSE TIE-BARS	EACH	180	180	360
(29)	604-01.01	CLASS A CONCRETE (ROADWAY)	C.Y.		43	43
(30)	604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	LB.		7109	7109
(48)	604-07.02	RETAINING WALL (I-65 STA. 1017+50.00 TO 1023+75.00)	S.F.	2689		2689
(48)	604-07.03	RETAINING WALL (I-65 STA. 1017+00.00 TO 1028+00.00)	S.F.	9966		9966
(48)	604-07.04	RETAINING WALL (I-65 STA. 1144+67.83 TO 1146+92.93)	S.F.		726	726
(48)	604-07.05	RETAINING WALL (I-65 STA. 1150+08.45 TO 1152+86.24)	S.F.		2021	2021
(48)	604-07.06	RETAINING WALL (US31W NB OFF RAMP STA. 677+50.00 TO 685+00.00)	S.F.		4734	4734
(48)	604-07.07	RETAINING WALL (US31W SB ON RAMP STA. 781+50.00 TO 784+00.00)	S.F.		2423	2423
(48)	604-07.08	RETAINING WALL (EAST CEDAR STREET STA. 400+97.47 TO 403+18.68)	S.F.	3434		3434
(48)	604-07.09	RETAINING WALL (EAST CEDAR STREET STA. 401+05.73 TO 403+25.07)	S.F.	3586		3586
(9)	607-02.02	15" CONCRETE PIPE CULVERT(CLASS III)	L.F.	20		20
(9)	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	4814	5444	10258
(9)	607-03.05	18" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE	L.F.	130	276	406
(9)	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	748	2656	3404
(9)	607-05.05	24" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE	L.F.	130	358	488
(9)	607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	L.F.	18		18
(9)	607-37.07	48" CORRUGATED METAL PIPE CULVERT	L.F.		14	14
	611-02.10	JUNCTION BOX, TYPE 1	EACH	1		1
	611-02.12	JUNCTION BOX, TYPE 3	EACH	1	1	2
	611-05.01	TRENCH DRAINS	L.F.	48	257	305
	611-05.02	12IN PVC PIPE FOR TRENCH DRAINS	L.F.	24	21	45
	611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	2	17	19
	611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	46	534	580
	611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	EACH	1		1
	611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	EACH		4	4
	611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH		1	1
	611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	EACH	2	2	4
	611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	EACH		1	1
	611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	EACH	1		1
(20)	611-09.01	ADJUSTMENT OF EXISTING CATCH BASIN	EACH	8		8
	611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	EACH		6	6
	611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	EACH		4	4
	611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	EACH		1	1
	611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	EACH		1	1
	611-42.03	CATCH BASINS, TYPE 42, > 8' - 12' DEPTH	EACH		1	1
	611-46.02	CATCH BASINS, TYPE 46, > 4' - 8' DEPTH	EACH	2	1	3
	611-46.03	CATCH BASINS, TYPE 46, > 8' - 12' DEPTH	EACH		1	1
	611-51.02	CATCH BASINS, TYPE 51, > 4' - 8' DEPTH	EACH		3	3
	611-51.03	CATCH BASINS, TYPE 51, > 8' - 12' DEPTH	EACH		2	2
	611-60.30	CATCH BASIN, 84IN ROUND,>4FT-8FT DEPTH	EACH	41	38	79
	611-60.31	CATCH BASIN, 84IN ROUND,>8FT-12FT DEPTH	EACH	3	1	4
	611-60.32	CATCH BASIN, 84IN ROUND,>12FT-16FT DEPTH	EACH		1	1
(19)	620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	L.F.	1742	1499	3241
(1)(5)	621-03.03	24" TEMPORARY DRAINAGE PIPE	L.F.	75		75
(1)(5)	621-03.05	36" TEMPORARY DRAINAGE PIPE	L.F.		65	65
	701-01.01	CONCRETE SIDEWALK (4")	S.F.	1904		1904
	701-02.03	CONCRETE CURB RAMP	S.F.	71		71
	701-03	CONCRETE MEDIAN PAVEMENT	C.Y.		941	941



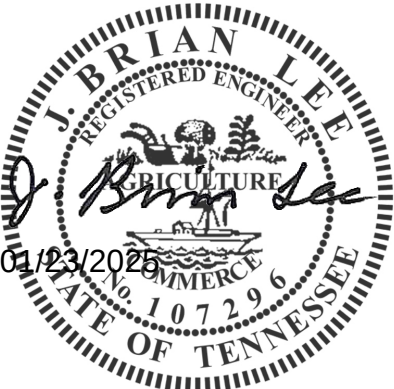
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES
SHEET 2 OF 5

1/23/2025 12:30:12 PM
T:\TDOT\Davidson-Summer_165\002-3.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	2-3
PS&E	2025	NH-I-65-3(129)	2-3
REV. 01-23-25: ADDED FOOTNOTES TO ITEM NO'S 713-30.09 AND 713-30.10, REVISED DESCRIPTION FOR ITEM NO. 713-30.09, AND ADDED ITEM NO. 722-01.02.			

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES
SHEET 4 OF 5

ESTIMATED ROADWAY QUANTITIES						
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	QUANTITY	TOTAL QUANTITY	
			19012-3163-44	83001-3146-44		
	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	54	46	100
	713-06	STEEL I-BEAMS & WF-BEAMS (BREAKAWAY) SIGN SUPPORT	LB.	3127	4884	8011
	713-09.01	STEEL OVERHEAD SIGN STRUCTURE (SPAN 79'-0")	EACH	1		1
	713-09.02	STEEL OVERHEAD SIGN STRUCTURE (SPAN 88'-0")	EACH	1		1
	713-09.03	STEEL OVERHEAD SIGN STRUCTURE (SPAN 81'-0")	EACH	1	1	2
	713-09.04	STEEL OVERHEAD SIGN STRUCTURE (SPAN 94'-0")	EACH	1	1	2
	713-09.05	STEEL OVERHEAD SIGN STRUCTURE (SPAN 86')	EACH		1	1
	713-09.06	STEEL OVERHEAD SIGN STRUCTURE (SPAN 124')	EACH		1	1
	713-09.07	STEEL OVERHEAD SIGN STRUCTURE (SPAN 84')	EACH	1		1
	713-09.08	STEEL OVERHEAD SIGN STRUCTURE (SPAN 162' - 2 @ 81')	EACH	1	1	2
(35)	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	478	3195	3673
(36)	713-11.05	SQUARE TUBE SIGN SUPPORT	LB.	852	3691	4543
(37)	713-11.21	P POST SLIP BASE	EACH	26	88	114
(38)	713-11.24	SQUARE POST SLIP BASE	EACH	8	24	32
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	264	502	766
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	180	1105	1285
	713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	3991	4090	8081
	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	0.5	0.5	1
	713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	EACH	12	27	39
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	4	4	8
(52)	713-30.09	BARRIER MOUNTED SIGN SUPPORT (PERF/KNOCKOUT)	EACH	12	8	20
(52)	713-30.10	BARRIER MOUNTED SIGN SUPPORT (PERF/KNOCKOUT)	EACH	2	3	5
	716-01.05	TEMPORARY RAISED PAVEMENT MARKER	EACH	1496	1254	2750
	716-01.11	RAISED PVMT MARKERS (BI-DIRECTIONAL) (1 COLOR LENS)	EACH	2540	1888	4428
	716-01.14	RAISED PAVEMENT MARKER REMOVAL	EACH	262	224	486
	716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	126	112	238
	716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH	1011	840	1851
	716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	246	210	456
	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	126	108	234
	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	6	6	12
	716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	415	354	769
	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	595	506	1101
	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	98		98
	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.5	0.5	1
	716-03.09	PLASTIC WORD PAVEMENT MARKING (DO)	EACH	1		1
	716-03.10	PLASTIC WORD PAVEMENT MARKING (NOT)	EACH	1		1
	716-03.11	PLASTIC WORD PAVEMENT MARKING (BLOCK)	EACH	1		1
	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	15	12	27
	716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	EACH		3	3
	716-04.09	PLASTIC PAVEMENT MARKING (H.O.V. DIAMOND)	EACH	4		4
	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	300	300	600
	716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	4	4	8
	716-05.09	PAINTED PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	2		2
	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH	1		1
	716-08.08	REMOVAL OF PAVEMENT MARKING (DOUBLE TURNING ARROW)	EACH	1		1
	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	7	6	13
	716-09.94	CONTRAST PAVEMENT SHADOW MARKING 6"	L.M.	0.5	0.6	1.1
(6)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	54	54	108
	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	2365	7162	9527
	716-12.06	ENHANCED FLAT LINE THERMO (8IN LINE)	L.F.	4704	6305	11009
	716-12.09	ENHANCED FLAT LINE THERMO (12IN LINE)	L.F.	1525	1275	2800
	716-12.10	ENHANCED FLAT LINE THERMO (12IN DOTTED)	L.F.	11650	10353	22003
	717-01	MOBILIZATION	LS	0.5	0.5	1
	722-01.02	FIELD OFFICE (TYPE 2)	LS	0.5	0.5	1
(28)	725-21.07	PORTABLE SMART WORK ZONE SYSTEM	DAY	730	730	1460
	740-07.04	GEOGRID REINFORCEMENT TYPE 2	S.Y.	15343	8582	23925
(33)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	145	259	404
(33)	740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	13339	29559	42898

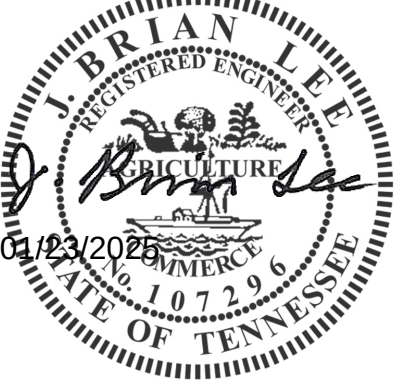
1/23/2025 12:30:39 PM
T:\TDOT\Davidson-Sumner_165\002-5.sht

FOOTNOTES	
(1)	SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATION FOR MAINTENANCE REPLACEMENT.
(2)	DAVIDSON COUNTY: INCLUDES 71 TONS FOR EPSC AND 292 TONS FOR BRIDGE END RIP-RAP FLUMES, AND 1,343 TONS FOR BERM BEHIND RETAINING WALLS. SUMNER COUNTY: INCLUDES 71 TONS FOR EPSC, 59 TONS FOR STORM DRAIN ENDWALLS, 1680 TONS FOR SPECIAL DITCHES, AND 106 TONS FOR BRIDGE END RIP-RAP FLUMES.
(3)	DAVIDSON COUNTY: INCLUDES 1,693 C.Y. FOR EPSC, 60,265 C.Y. FOR GRADING, AND 208 C.Y. FOR BRIDGE END RIP-RAP FLUMES. SUMNER COUNTY: INCLUDES 1,686 C.Y. FOR EPSC, 100,739 C.Y. FOR GRADING, AND 75 C.Y. FOR BRIDGE END RIP-RAP FLUMES.
(4)	SEE GRADING SPECIAL NOTES ON SHEET "2D".
(5)	ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
(6)	CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.
(7)	INCLUDES 174 THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.
(8)	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. 806-02.03, PROJECT MOWING.
(9)	THE BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE CULVERT.
(10)	THE COST OF FERTILIZER AND LIME USED IN INITIAL SEED BED PREPARATION IS TO BE INCLUDED IN THE COST OF SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
(11)	THE COST OF ANY NECESSARY LIME TO BE USED IN CONJUNCTION WITH SUPPLEMENT FERTILIZER IS TO BE INCLUDED IN THE COST OF THE SUPPLEMENTAL FERTILIZER. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
(12)	INCLUDES 250 TONS FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR DAVIDSON, 158 TONS FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR SUMNER COUNTY, AND 38 TONS FOR BR. 2 APRON.
(13)	LATERAL UNDERDRAIN AND ENDWALLS WILL BE NEEDED IF EXISTING UNDERDRAIN IS ENCOUNTERED DURING CONSTRUCTION OF THE PAVEMENT WIDENING FOR TRAFFIC CONTROL.
(14)	FOR TEMPORARY MARKINGS FOR TRAFFIC CONTROL AND FOR STRIPING ON INTERMEDIATE PAVEMENT LAYERS.
(15)	TO BE USED TO PLUG EXISTING CULVERTS.
(16)	TO BE USED FOR BRIDGE END RIP-RAP FLUMES.
(17)	INCLUDES 16 S.Y. FOR SIDEWALK REMOVAL, 5,053 S.Y FOR RAISED MEDIAN REMOVAL, 743 S.Y. FOR DAVIDSON CO. AND 6,852 S.Y. FOR SUMNER CO. CONCRETE RAMP CONCRETE REMOVAL.
(18)	TO BE USED FOR OUTLET DITCH LINING.
(19)	COST OF PARAPET DRAINS TO BE INCLUDED IN COST OF PARAPET (STD-1-2 & STD-1-SS)
(20)	TO BE USED FOR THE ADJUSTMENT OF CATCH BASINS ALONG MEDIAN I-65 STATIONS: 1007+69.67, 1009+48.81, 1011+30.07, 1013+40.84, 1015+50.31, 1017+60.25, 1019+67.72, AND 1021+80.20.
(21)	TO BE USED FOR STABILIZATION OF TEMPORARY WETLAND IMPACT AREAS. SEE SHEET 2G10 FOR WETLAND SEED MIX NOTES.
(22)	INCLUDES 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. INCLUDES E. CEDAR HAUL RD., NB HAUL 1, NB HAUL 2, NB HAUL 3, NB HAUL 4, SB HAUL 1, SB HAUL 2, AND SB HAUL 3. COST TO INCLUDE ANY AND ALL NECESSARY TEMPORARY SHORING AND FOR SHEET PILING. SHALL INCLUDE REMOVAL OF ALL HAUL ROADS AND STABILIZAITON OF ASSOCIATED AREAS. IF THE HAUL ROAD IS CONSTRUCTED IN A DRY OR UNSATURATED AREA, BORROW EXCAVATION (GRADED SOLID ROCK) SHALL BE USED. IF THE HAUL ROAD IS CONSTRUCTED IN WATER OR IN AN AREA WITHIN THE FLOOD PLAIN, MACHINED RIP-RAP (CLASS A-1, CLASS B, OR, CLASS C) SHALL BE USED IN PLACE OF BORROW EXCAVATION.
(23)	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 MANUFACTURE'S DRAWINGS.
(24)	DAYS SHALL BE MEASURED AS 8 HOUR SHIFTS.
(25)	THE PORTABLE SMART WORK ZONE SYSTEM (SWZS) DESCRIPTION CAN BE FOUND IN THE SPECIAL PROVISION PAY ITEM 725-21.07. PORTABLE SMART WORK ZONE SYSTEM SHALL INCLUDE EIGHT (8) PORTABLE FULL MATRIX CHANGEABLE MESSAGE SIGNS (PCMS), FOUR (4) PORTABLE CLOSED-CIRCUIT TELEVISION CAMERAS (CCTV), FOUR (4) PORTABLE RADAR DETECTION STATIONS (PRDS), TWENTY-TWO (22) SPEED SENSORS AND ALL NECESSARY REMOTE CLIENT OPERATIONAL SOFTWARE, MAINTENANCE, COMMUNICATIONS, EQUIPMENT AND CELLULAR FEES FOR FULLY FUNCTIONING SWZS FOR THE DURATION OF THE PROJECT, AS DESCRIBED IN THE SPECIAL PROVISION SP725SWZ.
(26)	DAYS SHALL BE MEASURED AS 24 HOUR PERIODS.

FOOTNOTES	
(27)	THE EXACT LOCATIONS OF THESE SMARTZONE COMPONENTS ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS.
(28)	INCLUDES COST OF ALL EQUIPMENT FOR EIGHT (8) CONSTRUCTION ADVANCED WARNING SYSTEMS, (EIGHT (8) RADAR DETECTION TRAILERS AND EIGHT (8) EDGE LIT WIG WAG TRAILERS TOTAL) FOUR (4) SYSTEMS REQUIRED IN EACH DIRECTION. QUANTITY REPRESENTS TOTAL NUMBER OF CALENDAR DAYS FOR ALL PHASES. INCLUDES ALL COST WITH DEPLOYING, PROGRAMMING, AND MAINTAINING THE CONSTRUCTION ADVANCED WARNING SYSTEM PER THE MANUFACTURERS RECOMMENDATIONS FOR THE DURATION OF THE PROJECT.
(29)	INCLUDES 2 CY FOR FLUMES.
(30)	INCLUDES 54 LBS FOR FLUMES.
(31)	INCLUDES 4 CY FOR FLUMES.
(32)	INCLUDES 76 TONS FOR FLUMES.
(33)	INCLUDES 79 SY FOR FLUMES.
(34)	INCLUDES AN ADDITIONAL 200 TONS FOR MAINTENANCE OF TEMPORARY SHOULDERS AS NEEDED AND AS DIRECTED BY ENGINEER IN DAVIDSON CO.
(35)	2.5" 10 GA. PSST
(36)	4" 8 GA. MASSH-400 SQ. TUBE POST
(37)	REDI-TORQUE 280 SLIP BASE AND ANCHOR
(38)	MASSH-400 TRIANGULAR SLIPE BASE AND ANCHOR
(39)	DAY SHALL BE MEASURED AS 12 HOUR SHIFT.
(40)	INCLUDES 32 TONS IN DAVIDSON CO. AND 48 TONS IN SUMNER CO. FOR FOOTINGS FOR BARRIER WALLS.
(41)	INCLUDES 8523 TON IN DAVIDSON COUNTY AND 4755 TON IN SUMNER COUNTY FOR USE IN PAVEMENT AT BRIDGE ENDS. SEE STD DWG STD-10-2.OTHER AGGREGATE SIZES MAY BE SUBSTITUTED AS DIRECTED ON STD DWG STD-10-2 AND AS APPROVED BY THE FIELD ENGINEER.
(42)	30 TONS TO BE USED FOR OUTLET DITCH LINING, AND 2700 TONS FOR BR. 3 DAVIDSON CO. AND 2700 TONS FOR BR. 3 AND 48 TONS DITCH LINING SUMNER CO.
(43)	INCLUDES OVERHEAD SIGNS AT STA. 1025+22, STA. 1043+28, AND STA. 1069+57.
(44)	INCLUDES 426 L.F. OF PORTABLE BARRIER RAIL (BOLTED) AND 512 L.F. OF PORTABLE BARRIER RAIL FOR BRIDGE PHASING.
(45)	INCLUDES 1661 L.F. OF PORTABLE BARRIER RAIL (STIFFENED) FOR BRIDGE PHASING.
(46)	INCLUDES 944 L.F. OF PORTABLE BARRIER RAIL (BOLTED) FOR BRIDGE PHASING.
(47)	INCLUDES 1667 L.F. OF PORTABLE BARRIER RAIL (STIFFENED) FOR BRIDGE PHASING.
(48)	ALL COST OF BUILDING AND INSTALLING THE RETAINING WALL, INCLUDING FOUADATION PREPARATION, BACKFILLING, AND EXCAVATION, SHALL BE INCLUDED IN THE SQUARE FOOTAGE COST OF THE RETAINING WALL. QUANTITIES FOR FOUNDATION PREPARATION, BACKFILL, AND EXCAVATION ARE REFLECTED IN THE END AREA CALCULATIONS ON CROSS SECTIONS AND IN GRADING QUANTITY ROADWAY ITEM 203-01, ROAD AND DRAINAGE EXCAVATION (C.Y.). THE DESIGNER HAS NOTED THE PORTION OF THIS QUANTITY FOR THESE ITEMS ON THE PROFILE SHEETS R1 THRU R8 AND ON THE GRADING QUANTITY TABULATION SHEET. THE PORTION OF THIS QUANTITY HAS BEEN REMOVED FROM ROADWAY ITEM 203-01, ROAD AND DRAINAGE EXCAVATION (C.Y.). FOR FURTHER INFORMATION ON RETAINING WALLS AND QUANTITIES, SEE SHEETS R1 THRU R8.
(49)	ITEM TO BE USED ONLY WHEN A REDUCED SPEED LIMIT IS ESTABLISHED WITHIN THE PROJECT CONSTRUCTION WORK ZONE LIMITS. ITEM INCLUDES SIGN FACE, SUPPORTS, AND TWO TYPE "B" FLASHERS PER THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TURNING ON THE TYPE "B" FLASHERS WHEN WORKERS ARE IN THE CONSTRUCTION WORK ZONE AND TURNING THEM OFF WHEN WORKERS ARE NO LONGER IN THE CONSTRUCTION WORK ZONE.
(50)	THE COST OF FERTILIZER AND LIME USED IN INITIAL SEED BED PREPARATION IS TO BE INCLUDED IN THE COST OF SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
(51)	ITEM NO. 801-01.02, CROWN VETCH MIXTURE (WITH MULCH) SHALL BE USED ON SLOPES 3H:1V OR STEEPER AND OTHER AREAS, AS INDICATED IN THE PLANS, THAT ARE INACCESSIBLE FOR MOWING.
(52)	SEE STD. DWG. T-S-21 FOR MORE INFORMATION.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	NH-I-65-3(129)	2-5
REV. 01-23-25: ADDED FOOTNOTE (52).			

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

FOOTNOTES

1/23/2025 12:30:57 PM
T:\TDOT\Davidson-Sumner_I65\002F6.sht

SUMNER COUNTY BOX CULVERT \ BRIDGE TABULATION																	
STATION	LOCATION	TYPE		SKEW	NO. BARRELS	WIDTH	HEIGHT	LENGTH	DRAINAGE AREA ACRES	STANDARD DRAWING NO.	CULVERT ≤ 20 FT.		STD. DWG. STD-17-17 & 18		RIP-RAP CLASS B 709-05.08 TON	CHANNEL EXC. 203-08 CU. YD.	CULVERT EXC. ▲ 204-01 CU. YD.
		BOX	SLAB								CLASS "A" CONCRETE 604-01.01 CU. YD.	STEEL BAR REINF. 604-01.02 LB.	FOUNDATION FILL MATERIAL 204-08 CU. YD.	GRANULAR BACKFILL 303-01.01 TONS			
1122+47.98	I-65	X		90°	1	5	6	36	39.43	STD-17-51	41.0	7055.0	13.0	12.5			▲
TOTALS											41.0	7055.0	13.0	12.5	0	0	0

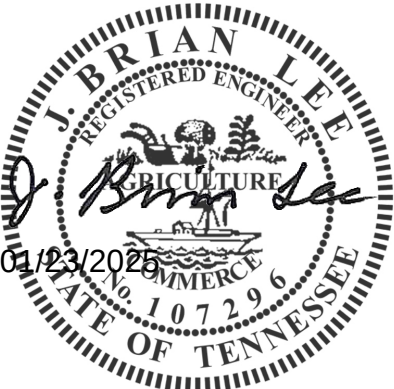
▲ ALL COST OF CULVERT EXCAVATION WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

DAVIDSON COUNTY PAVEMENT QUANTITIES																				
LOCATION (ROADWAY)	ALTERNATE	TYPE - GRADE - PAY ITEM (TON)																	CONCRETE (S.Y.)	
		MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX)						PRIME COAT		TACK COAT	ASPHALTIC CONCRETE SURFACE (HOT MIX)							TREATED PERMEABLE BASE	CONCRETE PAVEMENT 10"
			PG-64-22			PG-76-22						PG-64-22		PG 70-22		PG 76-22		COLD PLANE		
		D	A-S	B-M	B-M2	A	A-S	B-M2	D	E	E	D	D	OGFC	TON					
		303-01	307-01.20	307-01.07	307-01.08	307-03.01	307-01.22	307-03.08	402-01	402-02	403-01	411-01.10	411-01.07	411-02.11	411-02.10	411-03.10	411-03.23	415-01.01	313-03	501-01.03
I-65		98593			2730	41681	1478	47104	108	382	140		1430			9061		5115		
LONG HOLLOW PIKE											2				272			269		
E CEDAR ST											1				42			41		
MAINTENANCE OF TRAFFIC		2806						5789			16					1629		6612		
RAMPS		11110			630				9	30	5		366			590		370	4091	3979
TOTALS		112509	0	0	3360	41681	1478	52893	117	412	164	0	1796	0	314	11280	0	12407	4091	3979

SUMNER COUNTY PAVEMENT QUANTITIES																								
LOCATION (ROADWAY)	ALTERNATE	TYPE - GRADE - PAY ITEM (TON)																			CONCRETE (S.Y.)			
		MINERAL AGG.		BITUMINOUS PLANT MIX BASE (HOT MIX)									PRIME COAT		TACK COAT	ASPHALTIC CONCRETE SURFACE (HOT MIX)							TREATED PERMEABLE BASE	CONCRETE PAVEMENT 10"
				PG-64-22		PG-70-22			PG-76-22							PG-64-22		PG 70-22		PG 76-22		COLD PLANE		
		D	B	B-M	B-M2	A	A-S	B-M2	A	A-S	B-M2	402-01	402-02	403-01	D	E	D	E	D	TL	TON			
		303-01	303-02	307-01.07	307-01.08	307-02.01	307-01.21	307-02.08	307-03.01	307-01.22	307-03.08				411-01.10	411-01.07	411-02.10	411-02.11	411-03.10	411-03.09	415-01.01			
I-65		106603			1903				46158	4148	48542	124	439	115		1059			7078		2204			
US-31W		2978				1450	198	532				9	30	8			1052			756				
MAINTENANCE OF TRAFFIC		15653				4094		5343				17	60	27		421	787		1651		7436			
RAMPS		12518			273				1467		488	4	14	13		402	35		863		949	9170	8919	
TOTALS		137752	0	0	2176	5544	198	5875	47625	4148	55104	154	543	163	0	1882	1874	0	9592	0	11345	9170	8919	

SUMNER COUNTY CATCH BASINS													
SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE ELEV.	INVERT ELEV.	DEPTH (FT.)	INSIDE DIM.	STANDARD DRAWING NO.	PAY ITEMS			
										TYPE 12 611-12.01 0'-4'	TYPE 12 611-12.02 4'-8'	TYPE 3 611-02.12	TYPE 51 611-51.03 8'-12'
18B	US31W	205+65.10	39.38 RT	100	457.23	452.64	4.59	32"X32"	D-CB-12LP		1		
18B	US31W	206+45.70	43.44 RT	128	457.52	453.15	4.37	32"X32"	D-CB-12LP		1		
18B	US31W	207+50.94	49.49 RT	129	457.72	453.95	3.77	32"X32"	D-CB-12LP	1			
18B	US31W	208+10.00	32.72 LT	101	458.70	455.07	3.63	38"X50"	D-CB-DI	1			
18B	US31W	208+54.57	28.00 LT	130	459.04	455.42	3.62	38"X50"	D-CB-DI	1			
18B	US31W	213+40.38	45.58 RT	102	460.00	455.90	4.10	32"X32"	D-CB-12LP		1		
18B	US31W NB OFF RAMP	683+09.33	12.00 RT	133	462.58	453.79	8.79	62"X62"	D-CB-51SC				1
19B	US31W	214+19.20	41.34 RT	132	460.50	456.73	3.77	32"X32"	D-CB-12LP	1			
19B	US31W	214+61.36	32.88 LT	103	460.76	457.12	3.64	32"X32"	D-CB-12LP	1			
19B	US31W	214+91.04	25.42 LT	104	460.89	456.88	4.01	48" DIA	D-CB-12RA		1		
19B	US31W	215+78.00	55.45 LT	105	460.50	456.30	4.20	62"X62"	D-JBS-3			1	
19B	US31W	216+28.70	59.71 LT	131	461.27	457.50	3.77	32"X32"	D-CB-12LP	1			
TOTALS										6	4	1	1

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

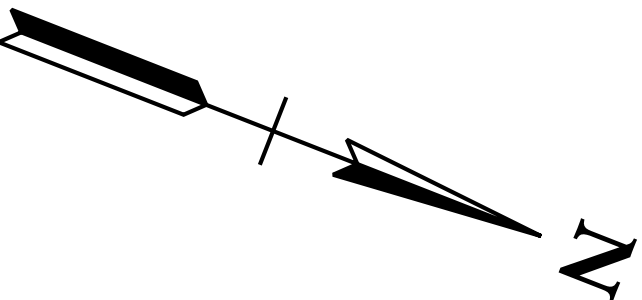
TABULATED
QUANTITIES

SHEET 7 OF 9

1/23/2025 12:31:17 PM
T:\TDOT\Davidson-Summer_165\106.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2023	NH-I-65-3(129)	99
PIH	2024	NH-I-65-3(129)	106
PS&E	2025	NH-I-65-3(129)	106

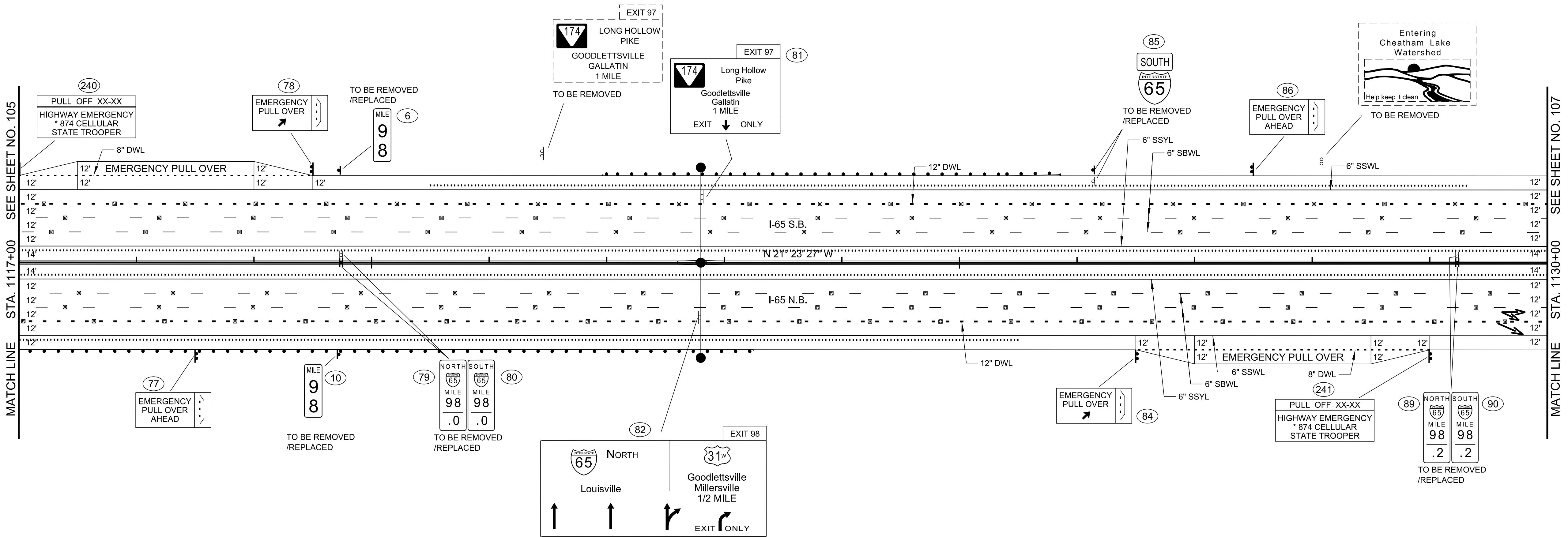
REV. 01-23-25: REVISED CITY NAMES ON SIGN 82.



1120

1125

1130



SEALED BY

COORDINATES ARE NAD 83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00002 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2003u07.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA.1117+00 TO STA.1130+00
SCALE: 1"=50'

1/23/2025 12:31:19 PM
T:\TDOT\Davidson-Summer_165\121.sht

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

SEE STD. DWG. NO. T-S-19

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)

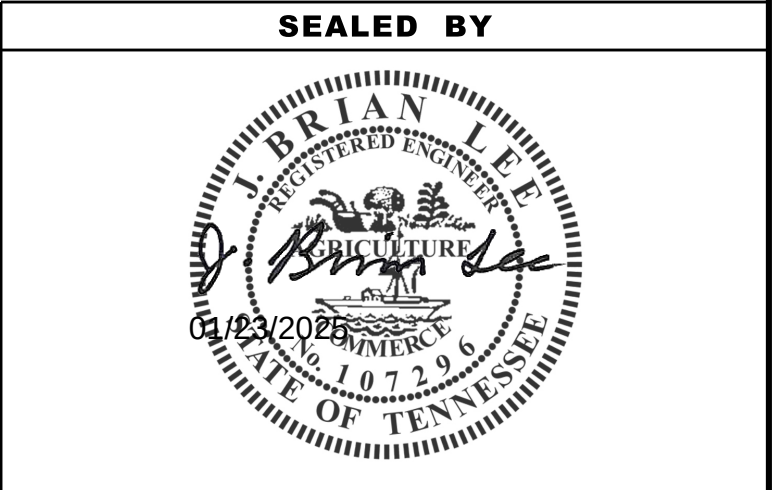
SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)						REMARKS	
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.	MINIMUM VERTICAL CLEARANCE		
8	EXIT 96 Rivergate Pkwy Goodlettsville Hendersonville EXIT ↗ ONLY	98	9'-6"	2'-6"	3" TOP ONLY	2"	10" 16"	12"	15"	E EMOD EMOD E		TYPE "A" (45 DEG)	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 13-12" ALUM. EXT.	OVERHEAD SIGN							
14	EXIT 97 65 NORTH Louisville ↑ 174 Long Hollow Pike Goodlettsville 1/2 MILE ↗ EXIT ↗ ONLY	99	9'-6" 47'-0"	2'-6" 15'-0"	3" TOP ONLY 12"	2" 2"	10" 16" 16" 10" 12"	12"	15" 10"	E EMOD EMOD E	45" x 36"	DOWN	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 14-12" ALUM. EXT.								
22	EXIT 96 Rivergate Pkwy Goodlettsville Hendersonville EXIT ↓ ONLY	100	9'-6" 16'-6"	2'-6" 12'-0"	3" TOP ONLY 12"	2" 2"	10" 16" 16" 12"	12"	15"	E EMOD EMOD E		DOWN	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 12-12" ALUM. EXT.								
30	EXIT 97 65 NORTH Louisville ↑ 174 Long Hollow Pike Goodlettsville ↗ EXIT ↗ ONLY	100	9'-6" 46'-6"	2'-6" 13'-0"	3" TOP ONLY 12"	2" 2"	10" 16" 16" 12"	12"	15"	E EMOD EMOD E	45" x 36"	TYPE "A" (45 DEG)	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 12-12" ALUM. EXT.								
56	EXIT 97 174 Long Hollow Pike Goodlettsville Gallatin ↗ EXIT ↗ ONLY	102	9'-6" 19'-0"	2'-6" 14'-0"	3" TOP ONLY 12"	2" 2"	10" 16" 16" 12"	12"	15"	E EMOD EMOD E	45" x 36"	TYPE "A" (45 DEG)	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 14-12" ALUM. EXT.								
65	EXIT 98 65 NORTH Louisville ↑ 31W Goodlettsville Millersville 1 MILE ↗ EXIT ↗ ONLY	104	9'-6" 45'-6"	2'-6" 16'-6"	3" TOP ONLY 12"	2" 2"	10" 16" 16" 10" 12"	12"	15" 10"	E EMOD EMOD E	45" x 36"	DOWN	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 14-12" ALUM. EXT.								
66	EXIT 97 174 Long Hollow Pike Goodlettsville Gallatin 1/2 MILE ↓ EXIT ↓ ONLY	104	9'-6" 19'-6"	2'-6" 15'-6"	3" TOP ONLY 12"	2" 2"	10" 16" 16" 10" 12"	12"	15" 10"	E EMOD EMOD E	45" x 36"	DOWN	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 16-12" ALUM. EXT.								
81	EXIT 97 174 Long Hollow Pike Goodlettsville Gallatin 1 MILE ↓ EXIT ↓ ONLY	106	9'-6" 18'-6"	2'-6" 15'-6"	3" TOP ONLY 12"	2" 2"	10" 16" 16" 10" 12"	12"	15" 15"	E EMOD EMOD E	45" x 36"	DOWN	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 16-12" ALUM. EXT.								
82	EXIT 98 65 NORTH Louisville ↑ 31W Goodlettsville Millersville 1/2 MILE ↗ EXIT ↗ ONLY	106	9'-6" 45'-6"	2'-6" 16'-6"	3" TOP ONLY 12"	2" 2"	10" 16" 16" 10" 12"	12"	15" 10"	E EMOD EMOD E	45" x 36"	DOWN	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 14-12" ALUM. EXT.								
134	GAS ← □ → □ ← □ → □	110	9'-6"	9'-6"	8"	1.5"	8"		6"	EMOD		TYPE "A"	WHITE (REF.)	BLUE (REF.)	10-12" ALUM. EXT.	S4 x 7.7	h1=19'-0" h2=17'-0"	TYPE 5 D=1'-3"	.36	97.21	7'-0"		
108	← □ □ □ □ →	105	8'-0"	5'-0"	8"	1.5"						TYPE "A"	WHITE (REF.)	BLUE (REF.)	5-12" ALUM. EXT.	S3 x 5.7	h1=16'-6" h2=17'-6"	TYPE 5 D=1'-3"	.36	97.21	7'-0"		
139		h1=13'-6" h2=11'-6"																					

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	121
PS&E	2025	NH-I-65-3(129)	121

REV. 01-23-25: REVISED CITY NAMES ON SIGNS 65 AND 82.

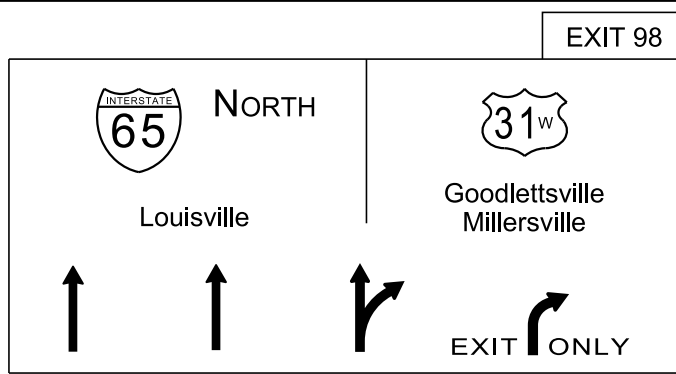
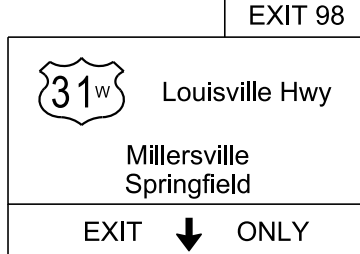
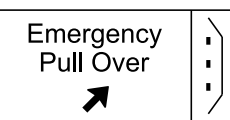
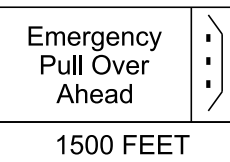
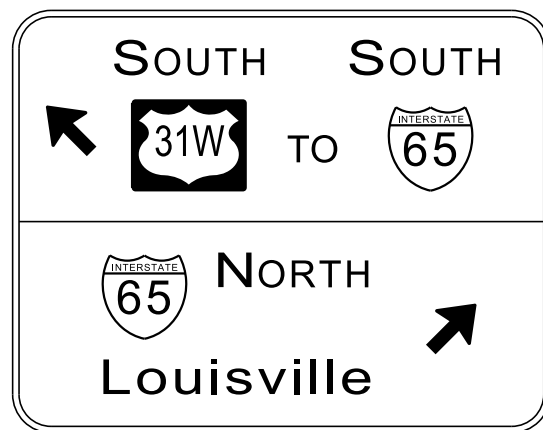
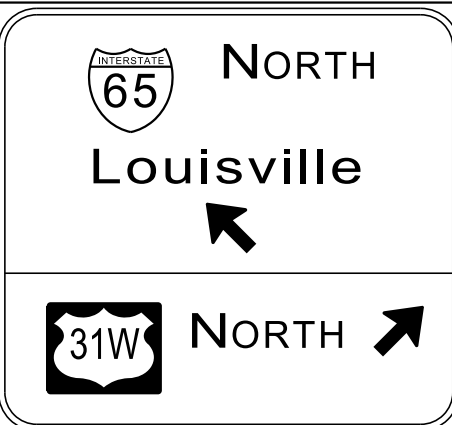
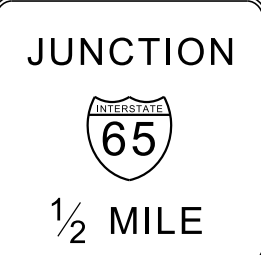
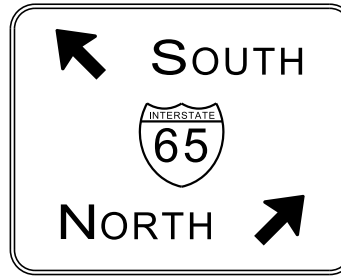
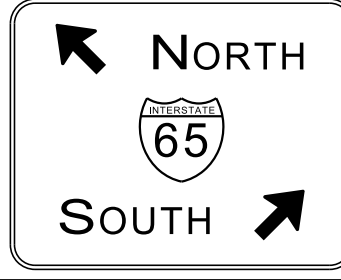
U-POST SUBSTITUTION TABLE	
BID ITEM 713-11.01	SUBSTITUTION ALLOWED
2'/FT. U1	2'/FT. MUI OR 2'/FT. R1
2.5'/FT. U3	2.5'/FT. MU3 OR 3'/FT. R2*
3'/FT. U6	
4'/FT. U7	NO SUBSTITUTES

* PAID AT A RATE OF 2.5'/FT.



STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
SIGN SCHEDULE

1/23/2025 12:31:19 PM
T:\TDOT\Davidson-Summer_165\1122.sht

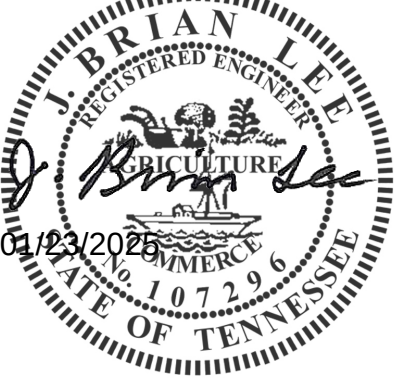
SEE STD. DWG. NO. T-S-19																								
SIGN NO	LEGEND	SHEET NO	SIZE				COPY				SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS		
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL	SERIES			COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.	REIN STEEL LBS.				
102		108	9'-6"	2'-6"	3" TOP ONLY	2"	10"	12"	15"	E EMOD EMOD E	45" x 36"	DOWN	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 15-12" ALUM. EXT.	OVERHEAD SIGN								
152		110	9'-6"	2'-6"	3" TOP ONLY	2"	10"	12"	15"	E EMOD EMOD E	45" x 36"	DOWN	WHITE (REF.) BLACK	GREEN (REF.) YELLOW (REF.)	2.5-12" ALUM. EXT. 13-12" ALUM. EXT.									
77		106	8'-0"	4'-0"						C			BLACK	YELLOW (FLOR.)	0.100" SHEET ALUM.	4" - 8 GA. SQ. TUBE	h1=13'-3"	2'x5' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)		
86		106	8'-0"	4'-0"						C			BLACK	YELLOW (FLOR.)	0.100" SHEET ALUM.	4" - 8 GA. SQ. TUBE	h1=13'-9"	2'x5' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)		
78		106	8'-0"	4'-0"						C		TYPE "B" (45 DEG)	BLACK	YELLOW (FLOR.)	0.100" SHEET ALUM.	4" - 8 GA. SQ. TUBE	h1=13'-9"	2'x5' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)		
84		106	8'-0"	4'-0"						C			BLACK	YELLOW (FLOR.)	0.100" SHEET ALUM.	4" - 8 GA. SQ. TUBE	h1=15'-0"	2'x5' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)		
75		105	8'-0"	4'-0"						C			BLACK	YELLOW (FLOR.)	0.100" SHEET ALUM.	4" - 8 GA. SQ. TUBE	h1=15'-0"	2'x5' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)		
183		107	8'-0"	2'-0"						C			BLACK	YELLOW (FLOR.)	0.100" SHEET ALUM.	4" - 8 GA. SQ. TUBE	h1=15'-0"	2'x5' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)		
150		111	10'-0"	9'-6"	12"	2"	8" 6" 6" 8" 6" 10.67"	8"		EMOD	30" x 24" 24" x 24" 24" x 24"	TYPE "A" (45 DEG) TYPE "A" (45 DEG)	WHITE (REF.)	GREEN (REF.)	10-12" ALUM. EXT.	S5 x 10.0	h1=22'-3" h2=24'-0"	TYPE 5 D=1'-3"	0.36	97.21	7'-0"			
214		116	9'-6"	9'-6"	12"	2"	8" 6" 10.67" 8" 6"	8"		EMOD	24" x 24" 30" x 24"	TYPE "A" (45 DEG) TYPE "A" (45 DEG)	WHITE (REF.)	GREEN (REF.)	10-12" ALUM. EXT.	S5 x 10.0	h1=21'-0" h2=20'-6"	TYPE 5 D=1'-3"	0.36	97.21	7'-0"			
218		116	9'-6"	9'-6"	12"	2"	8" 6" 10.67" 8" 6"	8"		EMOD	24" x 24" 30" x 24"	TYPE "A" (45 DEG) TYPE "A" (45 DEG)	WHITE (REF.)	GREEN (REF.)	10-12" ALUM. EXT.	S5 x 10.0	h1=20'-3" h2=20'-3"	TYPE 5 D=1'-3"	0.36	97.21	7'-0"			
100		109	9'-0"	7'-6"	12"	2"	6"			E	36" x 36"		WHITE (REF.)	GREEN (REF.)	8-12" ALUM. EXT.	S4 x 7.7	h1=17'-3" h2=17'-3"	TYPE 5 D=1'-3"	0.36	97.21	7'-0"			
151		111	9'-0"	7'-6"	12"	2"	8" 6"		6"	EMOD							h1=17'-9" h2=17'-9"							
212		116	6'-6"	6'-0"	9"	1.5"	8" 6" 8" 6"			EMOD	24" x 24"	TYPE "A" (45 DEG)	WHITE (REF.)	GREEN (REF.)	6-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=13'-0"	2'x5' CYL.	0.59		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)		
216		116	6'-6"	6'-0"	9"	1.5"	8" 6" 8" 6"			EMOD	24" x 24"	TYPE "A" (45 DEG)	WHITE (REF.)	GREEN (REF.)	6-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=13'-0"	2'x5' CYL.	0.59		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)		

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	122
PS&E	2025	NH-I-65-3(129)	122

REV. 01-23-25: REVISED CITY NAMES ON SIGN 102.

U-POST SUBSTITUTION TABLE	
BID ITEM 713-11.01	SUBSTITUTION ALLOWED
2'/FT. U1	2'/FT. MUI OR 2'/FT. R1
2.5'/FT. U3	2.5'/FT. MU3 OR 3'/FT. R2*
3'/FT. U6	
4'/FT. U7	NO SUBSTITUTES

* PAID AT A RATE OF 2.5'/FT.
CYL. = CYLINDRICAL

SEALED BY	
	

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION	
SIGN SCHEDULE	

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

SEE STD. DWG. NO. T-S-19

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)

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.		
213		116	8'-0"	7'-0"	11"	2"	8" 6" 10.67"	8"		E EMOD	24" x 24"	TYPE "A" (45 DEG)	WHITE (REF.)	GREEN (REF.)	7-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=15'-6"	2'x5' CYL.	0.59		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)
217		116	8'-0"	7'-0"	11"	2"	8" 6" 10.67"	8"		E EMOD	24" x 24"	TYPE "A" (45 DEG)	WHITE (REF.)	GREEN (REF.)	7-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=15'-6"	2'x5' CYL.	0.59		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)
9		98	8'-0"	2'-6"	8"	2"	10"		15"	E			WHITE (REF.)	BROWN (REF.)	2.5-12" ALUM. EXT. 5-12" ALUM. EXT.	S5 x 10.0	h1=20'-0" h2=19'-0"	TYPE 5 D=1'-3"	0.36	97.21	7'-0"	
76		105	15'-0"	5'-0"	12"	2"	13.3"	10"		EMOD						S4 x 7.7	h1=16'-6" h2=18'-6"	TYPE 5 D=1'-3"				
16		99	8'-6" 20'-6"	2'-6" 8'-6"	3.25" 12"	2" 2"	10" 16" 16" 16"	12" 12" 12"	15"	E EMOD		TYPE "A"	WHITE (REF.)	GREEN (REF.)	2.5-12" ALUM. EXT. 9-12" ALUM. EXT.	S6 x 12.5	h1=20'-6" h2=23'-0" h3=25'-3"	TYPE 5 D=1'-3"	0.54	145.81	7'-0"	
83		107					10"		15"				WHITE (REF.)	GREEN (REF.)	8-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=16'-6" h2=17'-6"	2'x5' CYL.	1.18		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)
25		112	9'-0"	8'-0"	2.75"	1.25"	16"	12"		EMOD												
136		110	7'-0"	4'-6"	3"	0.75"	8"	6"		EMOD		TYPE "A"	WHITE (REF.)	GREEN (REF.)	5-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=13'-6"	2'x5' CYL.	0.59		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)
138		108	6'-0"	5'-6"	3"	0.75"	8"	6"		EMOD		TYPE "A"	WHITE (REF.)	GREEN (REF.)	6-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=21'-6"	2'x5' CYL.	0.59		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)
46		101	6'-6"	3'-0"	2.75"	0.75"	8"	6"		EMOD		TYPE "A" (45 DEG) TYPE "A"	WHITE (REF.)	GREEN (REF.)	3-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=13'-0"	2'x5' CYL.	0.59		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)
141		102	9'-0"	4'-0"	3"	0.75"	8"	6"		EMOD		TYPE "A"	WHITE (REF.)	BROWN (REF.)	4-12" ALUM. EXT.	4" - 8 GA. SQ. TUBE	h1=13'-6"	2'x5' CYL.	0.59		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)
69		105	18'-0"	9'-0"	12"	2"	8"	6"		EMOD			WHITE (REF)	GREEN (REF)	9-12" ALUM. EXT.	S6 x 12.5	h1=21'-3" h2=24'-3" h3=27'-3"	TYPE 5 D=1'-3"	0.54	145.81	7'-0"	
71		105	6'-0"	1'-6"	3"	1.25"	8"	6"		EMOD			WHITE (REF)	GREEN (REF)	0.080" SHEET ALUM.	4" - 8 GA. SQ. TUBE	h1=10'-6"	2'x5' CYL.	0.54		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)
159		112	7'-11" 9'-6"	2'-6" 5'-0"	3.25" 8"	1.25" 1.75"	6" 10" 8" 10"			E D			BLACK WHITE (REF.)	YELLOW (REF.) BLUE (REF.)	3-12" ALUM. EXT. 5-12" ALUM. EXT.	S4 x 7.7	h1=14'-6" h2=16'-0"	TYPE 5 D=1'-3"	0.36	97.21	7'-0"	

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	123
PS&E	2025	NH-I-65-3(129)	123
REV. 01-23-25: REVISED CITY NAMES ON SIGNS 136 AND 138.			

U-POST SUBSTITUTION TABLE	
BID ITEM 713-11.01	SUBSTITUTION ALLOWED
2'/FT. U1	2'/FT. MUI OR 2'/FT. R1
2.5'/FT. U3	2.5'/FT. MU3 OR 3'/FT. R2*
3'/FT. U6	
4'/FT. U7	NO SUBSTITUTES

* PAID AT A RATE OF 2.5'/FT.
CYL. = CYLINDRICAL

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)										SEE STD. DWG. NO. T-S-19										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)									
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.									
20	EXIT 97 GASFOODLODGING	99	15'-0"	12'-6"	12"	2"	10"		15"	E			WHITE (REF.)	BLUE (REF.)	13-12" ALUM. EXT.	W6 x 15	h1=25'-6" h2=22'-6"	TYPE 6 1'-3"	0.22	65.40	7'-0"								
99	65 NORTH Louisville ↓	109	8'-0"	7'-6"	12"	2"	8" 10.67"	6" 8"		E EMOD	24" x 24"	TYPE "XXX"	WHITE (REF.)	GREEN (REF.)	8-12" ALUM. EXT.	OVERHEAD SIGN													
181	31W NORTH ↓	109	7'-0"	6'-6"	12"	2"	8"	6"		E	30" x 24"	TYPE "XXX"	WHITE (REF.)	GREEN (REF.)	7-12" ALUM. EXT.														
168	65 SOUTH Nashville ONLY →	109	7'-0"	6'-6"	12"	2"	8" 10.67" 12"	6" 8" 8"		E EMOD D	24" x 24"	TYPE "C"	WHITE (REF.) BLACK (REF.)	GREEN (REF.) YELLOW (REF.)	7-12" ALUM. EXT.														
148	PEDESTRIANS NON-MOTORIZED TRAFFIC MOTOR DRIVEN CYCLES PROHIBITED TN-21	110	36"	30"									BLACK	WHITE (REF.)	0.080" SHEET ALUM.	P6	h1=11'-0"	1.5'x4' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)							
182	31W SOUTH Goodlettsville ↓	116	16'-0"	8'-0"	12"	2"	8" 10.67"	6" 8"		E EMOD	30" x 24"	TYPE "XXX"	WHITE (REF.)	GREEN (REF.)	8-12" ALUM. EXT.	OVERHEAD SIGN													
140	31W NORTH Springfield Greenbrier ↓	116	8'-0"	9'-0"	12"	2"	8" 10.67"	6" 8"		E EMOD	30" x 24"	TYPE "XXX"	WHITE (REF.)	GREEN (REF.)	9-12" ALUM. EXT.														
210	SOUTH Interstate 65 ↶	M3-3 M1-1 M5-1L	116	24"	18"						24" x 24"		WHITE (REF.) WHITE (REF.)	BLUE (REF.) BLUE (REF.)	0.080" SHEET ALUM.	P6	h1=12'-0"	1.5'x4' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)							
211	NORTH Interstate 65 ↶	M3-1 M1-1 M5-1L	116	24"	18"						24" x 24"		WHITE (REF.) WHITE (REF.)	BLUE (REF.) BLUE (REF.)	0.080" SHEET ALUM.	P6	h1=12'-0"	1.5'x4' CYL.	0.25		7'-0"	SLIP BASE REQUIRED (INCLUDES ANCHOR)							
220	31W SOUTH Goodlettsville ↶ ONLY ↷	108	16'-0"	8'-0"	12"	2"	8" 10.67" 12"	6" 8" 8"		E EMOD D	30" x 24"	TYPE "C"	WHITE (REF.) BLACK (REF.)	GREEN (REF.) YELLOW (REF.)	8-12" ALUM. EXT.	OVERHEAD SIGN													
242	31W NORTH Millersville ONLY →	108	8'-0"	8'-0"	12"	2"	8" 10.67" 12"	6" 8" 8"		E EMOD D	30" x 24"	TYPE "C"	WHITE (REF.) BLACK (REF.)	GREEN (REF.) YELLOW (REF.)	8-12" ALUM. EXT.														

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	124
PS&E	2025	NH-I-65-3(129)	124

REV. 01-23-25: REVISED CITY NAME ON SIGN 220.

U-POST SUBSTITUTION TABLE	
BID ITEM 713-11.01	SUBSTITUTION ALLOWED
2'/FT. U1	2'/FT. MUI OR 2'/FT. R1
2.5'/FT. U3	2.5'/FT. MU3 OR 3'/FT. R2*
3'/FT. U6	
4'/FT. U7	NO SUBSTITUTES

* PAID AT A RATE OF 2.5'/FT.
CYL. = CYLINDRICAL

SEALED BY

BRIAN LEE

REGISTERED ENGINEER

01/23/2025

107296

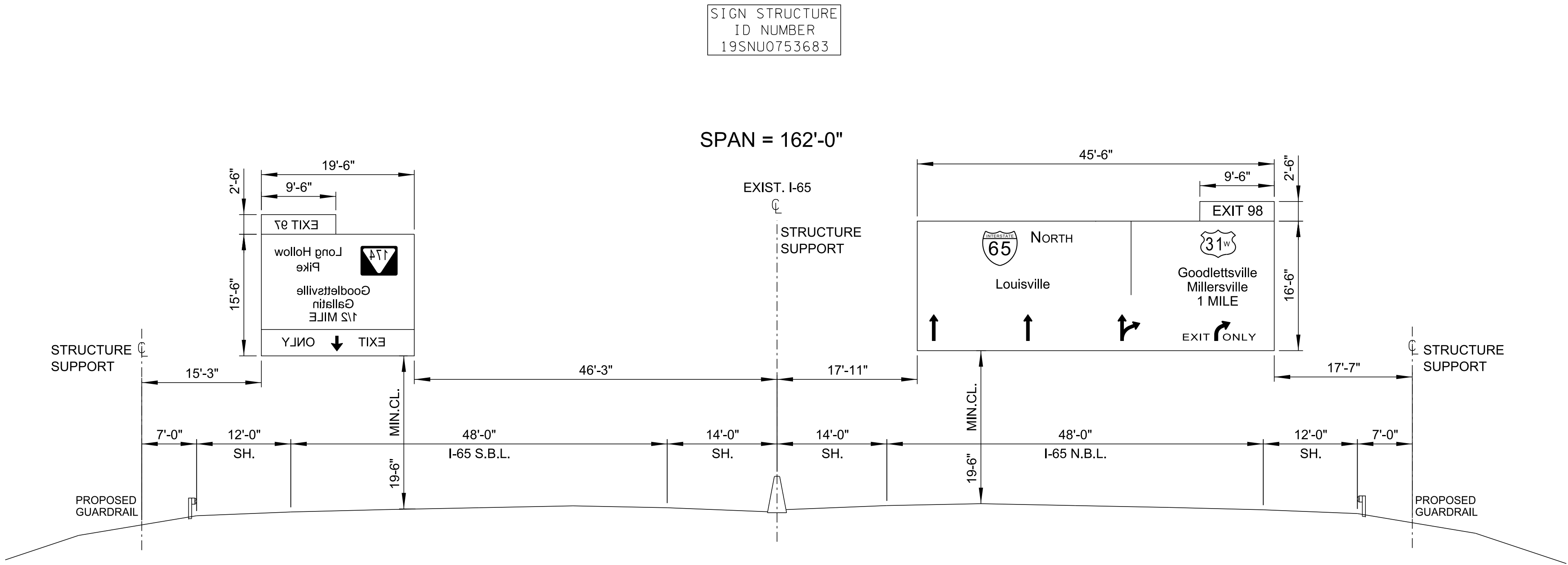
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN
SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	131
PS&E	2025	NH-I-65-3(129)	131

REV. 01-23-25: REVISED CITY NAMES ON SIGN 65.



OVERHEAD STRUCTURE

SIGN NOS. 65 & 66
INTERSTATE 65 N.B.L. & S.B.L.
STA. 1095+80.00

DESIGN DATA

SIGN DESIGN AREA = 1776 sq.ft. (912 sq.ft. N.B.L. & 864 sq.ft. S.B.L.)
WIND VELOCITY=120mph
SOIL DATA:TO BE DETERMINED IN THE FIELD.

** THIS SIGN STRUCTURE LOCATION CAN BE
ADJUSTED AS DIRECTED BY THE ENGINEER.

PRIOR TO ORDERING ANY MATERIAL THE CONTRACTOR SHALL FIELD MEASURE THE
SIGN STRUCTURE TO VERIFY SPAN LENGTH.

THE CONTRACTOR SHALL REFER TO STANDARD BRIDGE DRAWING "STD-8-4".
IF THIS DRAWING IS NOT IN THE PLANS THE CONTRACTOR CAN FIND
THIS DRAWING ON THE T.D.O.T. WEBSITE.

THE COST OF THE FOOTINGS ARE INCLUDED IN THE BID ITEM FOR THIS SIGN STRUCTURE.

OVERHEAD SIGN SHEETING TO BE TYPE III PRISMATIC OR BETTER.

LOCATION AND LENGTH OF THIS STRUCTURE CAN BE ADJUSTED TO MISS ANY EXISTING
UTILITIES AND/OR DRAINAGE STRUCTURES AS DIRECTED BY THE ENGINEER.

SEALED BY

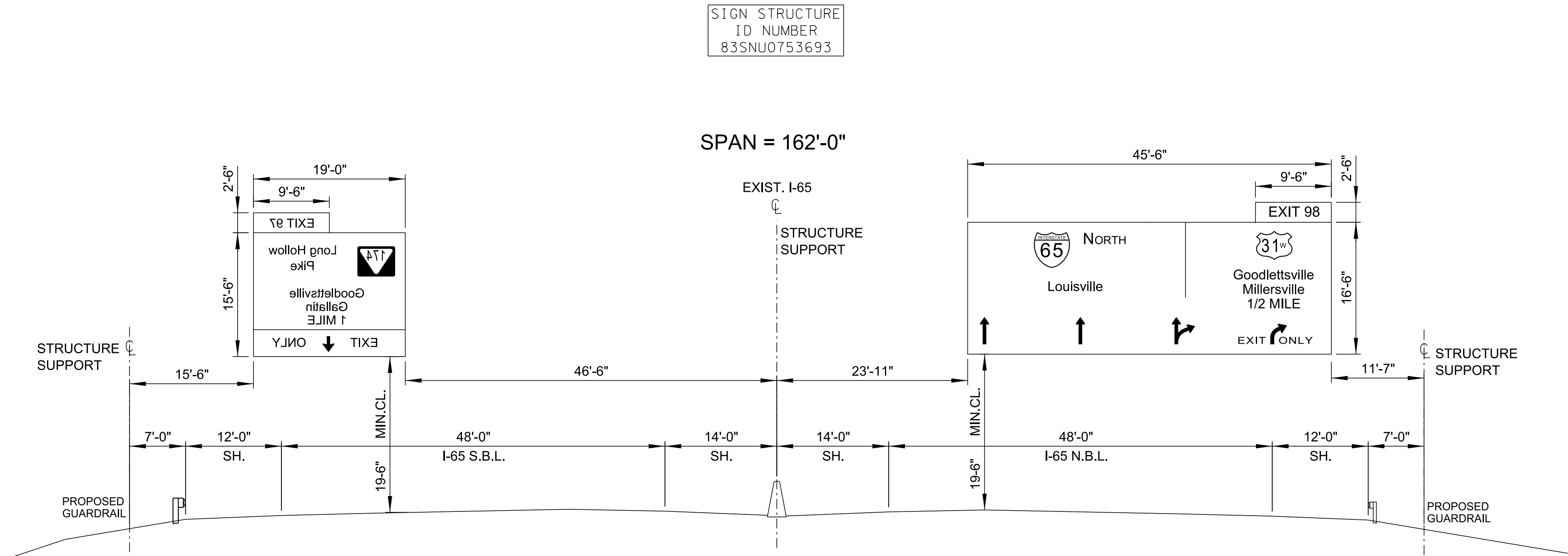
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

OVERHEAD
SIGN
STRUCTURE

U-75-368

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	132
PS&E	2025	NH-I-65-3(129)	132

REV. 01-23-25: REVISED CITY NAMES ON SIGN 82.



OVERHEAD STRUCTURE

SIGN NOS. 81 & 82
INTERSTATE 65 N.B.L. & S.B.L.
STA. 1122+80.00

DESIGN DATA

SIGN DESIGN AREA = 1776 sq.ft. (912 sq.ft. N.B.L. & 864 sq.ft. S.B.L.)
WIND VELOCITY=120mph
SOIL DATA:TO BE DETERMINED IN THE FIELD.

** THIS SIGN STRUCTURE LOCATION CAN BE
ADJUSTED AS DIRECTED BY THE ENGINEER.

PRIOR TO ORDERING ANY MATERIAL THE CONTRACTOR SHALL FIELD MEASURE THE SIGN STRUCTURE TO VERIFY SPAN LENGTH.

THE CONTRACTOR SHALL REFER TO STANDARD BRIDGE DRAWING "STD-8-4". IF THIS DRAWING IS NOT IN THE PLANS THE CONTRACTOR CAN FIND THIS DRAWING ON THE T.D.O.T. WEBSITE.

THE COST OF THE FOOTINGS ARE INCLUDED IN THE BID ITEM FOR THIS SIGN STRUCTURE.

OVERHEAD SIGN SHEETING TO BE TYPE III PRISMATIC OR BETTER.

LOCATION AND LENGTH OF THIS STRUCTURE CAN BE ADJUSTED TO MISS ANY EXISTING UTILITIES AND/OR DRAINAGE STRUCTURES AS DIRECTED BY THE ENGINEER.

SEALED BY

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
OVERHEAD SIGN STRUCTURE

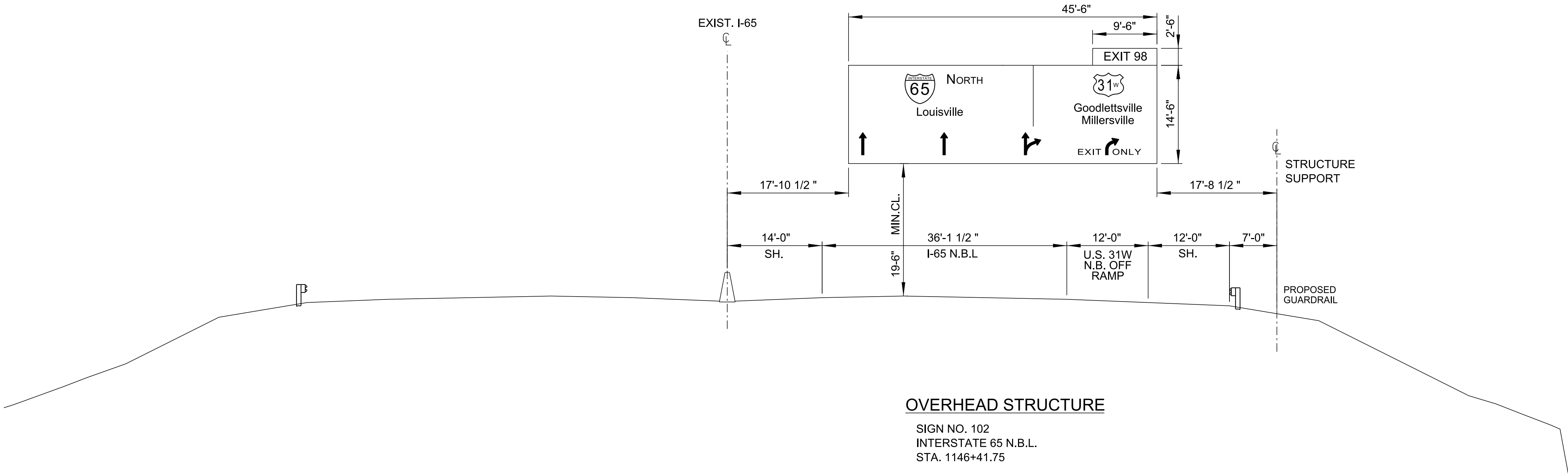
U-75-369

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	133
PS&E	2025	NH-I-65-3(129)	133

REV. 01-23-25: REVISED CITY NAMES ON SIGN 102.

SIGN STRUCTURE
ID NUMBER
83SNU0753703

SPAN = 81'-1 1/2"



OVERHEAD STRUCTURE

SIGN NO. 102
INTERSTATE 65 N.B.L.
STA. 1146+41.75

DESIGN DATA

SIGN DESIGN AREA = 819 sq.ft.
WIND VELOCITY=120mph
SOIL DATA:TO BE DETERMINED IN THE FIELD.

** THIS SIGN STRUCTURE LOCATION CAN BE
ADJUSTED AS DIRECTED BY THE ENGINEER.

PRIOR TO ORDERING ANY MATERIAL THE CONTRACTOR SHALL FIELD MEASURE THE SIGN STRUCTURE TO VERIFY SPAN LENGTH.

THE CONTRACTOR SHALL REFER TO STANDARD BRIDGE DRAWING "STD-8-4". IF THIS DRAWING IS NOT IN THE PLANS THE CONTRACTOR CAN FIND THIS DRAWING ON THE T.D.O.T. WEBSITE.

THE COST OF THE FOOTINGS ARE INCLUDED IN THE BID ITEM FOR THIS SIGN STRUCTURE.

OVERHEAD SIGN SHEETING TO BE TYPE III PRISMATIC OR BETTER.

LOCATION AND LENGTH OF THIS STRUCTURE CAN BE ADJUSTED TO MISS ANY EXISTING UTILITIES AND/OR DRAINAGE STRUCTURES AS DIRECTED BY THE ENGINEER.

SEALED BY

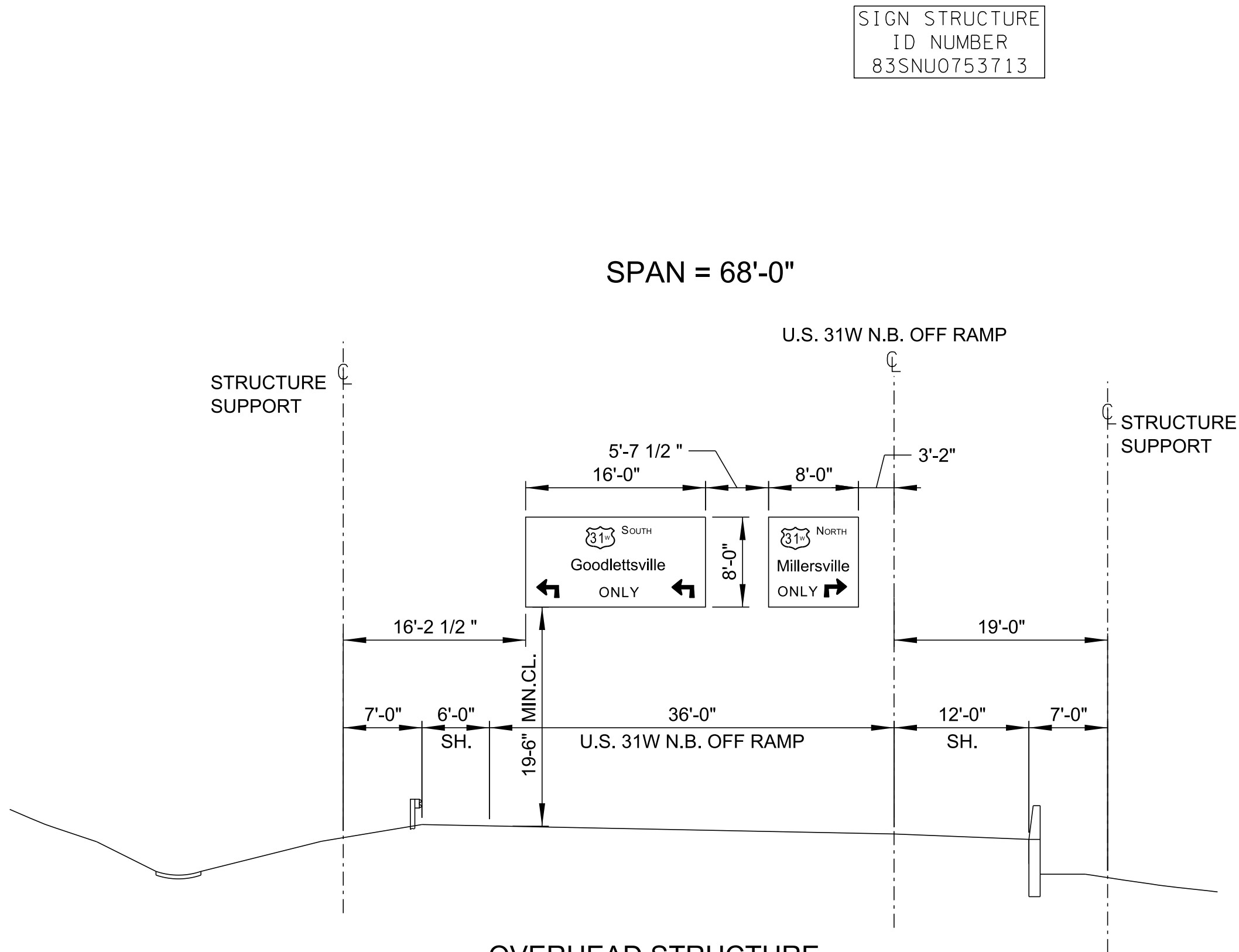
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

OVERHEAD
SIGN
STRUCTURE

U-75-370

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2024	NH-I-65-3(129)	134
PS&E	2025	NH-I-65-3(129)	134

REV. 01-23-25: REVISED CITY NAME ON SIGN 220.



OVERHEAD STRUCTURE

SIGN NOS. 220 & 242
U.S. 31W N.B. OFF RAMP
STA. 681+80.00

DESIGN DATA

SIGN DESIGN AREA = 504 sq.ft.
WIND VELOCITY=120mph
SOIL DATA:TO BE DETERMINED IN THE FIELD.

** THIS SIGN STRUCTURE LOCATION CAN BE
ADJUSTED AS DIRECTED BY THE ENGINEER.

PRIOR TO ORDERING ANY MATERIAL THE CONTRACTOR SHALL FIELD MEASURE THE
SIGN STRUCTURE TO VERIFY SPAN LENGTH.

THE CONTRACTOR SHALL REFER TO STANDARD BRIDGE DRAWING "STD-8-4".
IF THIS DRAWING IS NOT IN THE PLANS THE CONTRACTOR CAN FIND
THIS DRAWING ON THE T.D.O.T. WEBSITE.

THE COST OF THE FOOTINGS ARE INCLUDED IN THE BID ITEM FOR THIS SIGN STRUCTURE.

OVERHEAD SIGN SHEETING TO BE TYPE III PRISMATIC OR BETTER.

LOCATION AND LENGTH OF THIS STRUCTURE CAN BE ADJUSTED TO MISS ANY EXISTING
UTILITIES AND/OR DRAINAGE STRUCTURES AS DIRECTED BY THE ENGINEER.

SEALED BY

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD
SIGN
STRUCTURE**

U-75-371