



**Eric S. Brown** Digitally signed by Eric S. Brown  
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TENNESSEE DEPARTMENT OF TRANSPORTATION  
ADMINISTRATION BUILDING, FIRST FLOOR  
300 BENCHMARK PLACE  
JACKSON, TN 38301  
ERIC S. BROWN, P.E. NO. 120440

SHEET NAME	SHEET NO.
SIGNATURE SHEET .....	ROADWAY-SIGN3
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS AND	
STANDARD TRAFFIC DESIGN DRAWINGS .....	1A
ESTIMATED ROADWAY QUANTITIES .....	2

# SIGNATURE SHEET



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ROADWAY INDEX

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.....	ROADWAY-SIGN2
.....	ROADWAY-SIGN1
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STANDARD TRAFFIC DESIGN DRAWINGS .....	1A
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NO UTILITY ADJUSTMENTS IN THIS PLAN SET.

STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
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
SAFETY DESIGN AND GUARDRAILS		
S-GR-31-1	03-13-25	GUARDRAIL DETAILS
S-GR-31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
S-GR-31-1B		GUARDRAIL FASTENING HARDWARE
S-GR-31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS
S-GRS-4	05-04-22	SPECIAL CASE GUARDRAIL HEIGHT TRANSITION DETAIL
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINALS (RETROFIT)
MULTIMODAL		
CR-GN-1		GENERAL NOTES CURB RAMPS
CR-DWS-1		DETECTABLE WARNING SURFACE DETAIL
CR-PLL-1		PUSHBUTTON LOCATION LAYOUT
CR-CRT-1		CURB RAMP TYPES
CR-PL-1		PERPENDICULAR CURB RAMP PLACEMENT LAYOUT
CR-10		PERPENDICULAR CURB RAMP
CR-PL-2		PARALLEL CURB RAMP PLACEMENT LAYOUT
CR-202		PARALLEL CURB RAMP 5-FT SIDEWALK
CR-50		PEDESTRIAN REFUGE
CR-51		PEDESTRIAN REFUGE


STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
SIGNALS		
T-SG-2	06-27-16	LOOP, LEAD-INS, CONDUIT AND PULL BOXES.
T-SG-3	07-11-17	STANDARD NOTES AND DETAILS OF INDUCTIVE LOOPS
PAVEMENT MARKINGS		
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	01-24-25	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-5	01-24-25	MARKING DETAIL FOR EXPRESSWAY & FREEWAYS
T-M-6	01-24-25	MARKING DETAIL FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-7	01-24-25	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-8	01-24-25	MARKING DETAILS FOR EXPRESSWAYS & FREEWAYS
T-M-9	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9A	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9B	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-15	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATE AND ACCESS CONTROLLED ROUTES
WORK ZONES		
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-26-25	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-60	03-26-25	FREEWAY RESURFACING SIGNING LAYOUT
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	79I240-S8-005	1A

REV. 07/08/2025:  
ADDED ROADWAY-SIGN2 TO ROADWAY INDEX.  
REV. 07/22/2025:  
ADDED ROADWAY-SIGN3 TO ROADWAY INDEX.

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Eric S. Brown

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX,  
STANDARD ROADWAY  
DRAWINGS AND  
STANDARD TRAFFIC  
DESIGN DRAWINGS



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NOTE: NO UTILITY ADJUSTMENTS ON THIS PROJECT.

ESTIMATED ROADWAY QUANTITIES				
	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 791240-S8-005
(10)	202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	45
(11)	202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.	11467
	203-06	WATER	M.G.	26
	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	32.24
(1)	303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (C OR D)	TON	3409
(2)(15)	307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	TON	614
(2)(16)	307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	TON	1611
	403-02.01	TRACKLESS TACK COAT	TON	294
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	11442
(13)	411-01.21	LONGITUDINAL JOINT SEALANT	L.M.	63.34
(3)	411-03.10	ACS MIX(PG76-22) GRADING D	TON	33886
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WMDTH)	L.M.	24.46
(4)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	43794
(10)	701-01.01	CONCRETE SIDEWALK (4 ")	S.F.	405
(10)	701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	2974
(10)	701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	S.F.	144
(10)	705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	EACH	7
(10)	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH	7
(10)	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	7
	705-07.11	TRUCK MOUNTED ENERGY ATTENUATOR	EACH	4
(10)	706-01	GUARDRAIL REMOVED	L.F.	350
	712-01	TRAFFIC CONTROL	LS	1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	350
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	300
	712-05.03	WARNING LIGHTS (TYPE C)	EACH	50
(14)	712-06	SIGNS (CONSTRUCTION)	S.F.	2415
	712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	EACH	4
	712-08.03	ARROWBOARD (TYPE C)	EACH	4
	712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	EACH	4
	712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	EACH	12
	712-08.10	MOBILE MESSAGE SIGN UNIT WATTENUATOR	HOURL	320
	712-08.12	QUEUE PROTECTION TRUCK	DAY	228
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2
(12)	716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	266
(6)(12)	716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH	2973
(6)	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	2204
(7)(8)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	29
(7)(8)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	314
(7)(8)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	24
(7)(8)	716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	5235
(7)(8)	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	260
(7)(8)	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	599
(7)(8)	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.125
(7)(8)	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	16
(7)(8)	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	7
(12)	716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	EACH	9
	716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	EACH	20
	716-04.08	PLASTIC PAVEMENT MARKING (OPTION LANE ARROW)	EACH	12
	716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	2
	716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	L.F.	10697
(9)	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	314
(9)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	57.93
(9)	716-05.22	PAINTED PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	461
(9)	716-05.49	PAINTED PAVEMENT MARKINGS(8" LINE)	L.M.	0.125
	716-05.51	PAINTED PAVEMENT MARKINGS(12" LINE)	L.F.	14803
(5)	716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	L.F.	8570
(5)	716-08.03	REMOVAL OF PAVEMENT MARKING (CROSS-WALK)	L.F.	216
(5)	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	92
(5)	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH	15
(5)	716-08.11	REMOVAL OF WORD PAVEMENT MARKING (ONLY)	EACH	9

ESTIMATED ROADWAY QUANTITIES				
	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 791240-S8-005
(7)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	57.93
(7)	716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.	10697
(7)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	11936
(7)	716-12.10	ENHANCED FLAT LINE THERMO (12IN DOTTED)	L.F.	12151
	717-01	MOBILIZATION	LS	1
(14)	730-03.20	INSTALL PULL BOX (TYPE A)	EACH	6
(14)	730-12.01	CONDUIT 1" DIAMETER (PVC)	L.F.	90
(14)	730-14.02	SAW SLOT	L.F.	1250
(14)	730-14.03	LOOP WIRE	L.F.	4250

FOOTNOTES	
(1)	INCLUDES 903 TONS FOR BREAKOUTS.
(2)	FOR REPLACEMENT OF QUANTITY REMOVED UNDER ITEM 202-03.01.
(3)	INCLUDES 981 TONS FOR EXTRA WIDTH PAVING, 249 TONS FOR MILLBRANCH INTERSECTION, 210 TONS FOR GETWELL INTERSECTION, 1450 TONS FOR SPOT LEVELING, AND 709 TONS FOR GORE AREAS. SEE TABULATED QUANTITIES, SHEET 2F1, FOR INTERCHANGE RAMP QUANTITIES.
(4)	INCLUDES 972 TONS FOR EXTRA WIDTH MILLING, 247 TONS FOR MILLBRANCH INTERSECTION, 207 TONS FOR GETWELL INTERSECTION, 8160 TONS FOR ENTRANCE AND EXIT RAMPS, AND 702 TONS FOR GORE AREAS.
(5)	TO BE USED FOR CONCRETE ENTRANCE AND EXIT RAMPS AT INTERCHANGES.
(6)	INCLUDES MARKERS FOR GORE AREAS AND ENTRANCE AND EXIT RAMPS.
(7)	FOR FINAL PAVEMENT MARKING ONLY.
(8)	THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(9)	FOR TEMPORARY PAVEMENT MARKING ONLY.
(10)	SEE TABULATED QUANTITIES, SHEET 2F, FOR DETAILS.
(11)	TO BE USED AS DIRECTED BY THE ENGINEER. INCLUDES 1334 S.Y. FOR BREAKOUTS AND 10133 S.Y. FOR PARTIAL DEPTH ASPHALT REPAIR. SEE SHEET 2B1 FOR DETAILS.
(12)	INCLUDES QUANTITIES FOR WRONG WAY ARROWS, SEE T-M-9 SERIES STANDARD DRAWINGS.
(13)	TO BE USED FOR SEALING OF ALL SURFACE LAYER CONSTRUCTION JOINTS ALONG THE TRAVEL LANES AND SHOULDERS AS DIRECTED BY THE TDOT ENGINEER. USE CRAFTCO PAVEMENT JOINT ADHESIVE #34524, PAVON JOINT ADHESIVE BY PAVON CORPORATION, OR DENSO TAPE BY DENSO.
(14)	SEE TABULATED QUANTITIES, SHEET 2F1, FOR DETAILS.
(15)	ITEM TO BE USED FOR BREAKOUT AREAS.
(16)	ITEM TO BE USED FOR PARTIAL DEPTH ASPHALT REPAIR.
(17)	TO BE USED AS DIRECTED BY THE ENGINEER. INCLUDES COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET NO. 2C FINAL PAVEMENT MARKING NOTE 6 FOR MORE INFORMATION.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	791240-S8-005	2

REV. 07/08/2025:  
CHANGED QUANTITIES FOR ITEM NO.S  
208-01.05, 403-02.01, 411-03.10, 415-01.01,  
712-01, 717-01,  
CHANGED QUANTITY FOR ENTRANCE AND  
EXIT RAMPS IN FOOTNOTE 4.  
  
REV. 07/22/2025:  
CHANGED QUANTITY FOR ITEM NO. 712-08.12.

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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ESTIMATED  
ROADWAY  
QUANTITIES