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TENNESSEE DEPARTMENT OF TRANSPORTATION
7345 REGION LANE

KNOXVILLE, TENNESSEE 37914
ERIC KIM, 127831

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
TABULATED QUANTITIES.....	2F

YEAR	PROJECT NO.	SHEET NO.
2025	NH/HSIP-71(48)	ROADWAY-SIGN2

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
SIGNATURE SHEET

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
SIGNATURE SHEET	ROADWAY-SIGN2
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS.....	1A
STANDARD TRAFFIC DESIGN DRAWINGS.....	1A1
ESTIMATED ROADWAY QUANTITIES.....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE.....	2B
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
EROSION PREVENTION AND SEDIMENT CONTROL NOTES.....	2E1
TABULATED QUANTITIES	2F
UTILITY NOTES AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL.....	T1
*CURB RAMP REFERENCE SHEETS.....	65-71

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

NO PROJECT COMMITMENTS SHEET INCLUDED IN THIS SET OF PLANS.

NO UTILITY SHEETS ARE INCLUDED IN THIS PLAN SET.

*REFERENCE SHEETS ARE FROM CURB RAMP CONTRACT, PIN 136144.02, PROVIDED BY OTHERS.

STANDARD ROADWAY DRAWINGS

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

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-LR-1	MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-71(48)	1A

REV. 11/25/25: ADDED ROADWAY-SIGN2 TO INDEX.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 78S071-F8-004	QUANTITY 78S071-F3-004	TOTAL QUANTITY
(1)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	4		4
	403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	24		24
(2)	411-02.10 ACS MIX(PG70-22) GRADING D	TON	3575		3575
(3)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	3538		3538
	712-01 TRAFFIC CONTROL	LS	1		1
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	236		236
	712-05.01 WARNING LIGHTS (TYPE A)	EACH	118		118
(5)	712-06 SIGNS (CONSTRUCTION)	S.F.	859		859
	712-08.03 ARROW BOARD (TYPE C)	EACH	2		2
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	212		212
	716-01.22 SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	296		296
(12)	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	508		508
(6)(7)	716-02.04 PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		535	535
(6)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		1060	1060
(6)	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		18	18
(6)(8)	716-02.09 PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		1880	1880
(6)	716-03.01 PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH		2	2
(6)	716-03.09 PLASTIC WORD PAVEMENT MARKING (CROSS WALK)	EACH		36	36
(6)	716-04.01 PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH		2	2
(6)	716-04.04 PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.		230	230
(6)	716-04.05 PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH		7	7
(6)	716-04.17 PLASTIC PAVEMENT MARKING (YIELD SYMBOL)	EACH		36	36
(9)	716-05.20 PAINTED PAVEMENT MARKING (6" LINE)	L.M.	9		9
	716-13.02 SPRAY THERMO PVMT MRKNG (60 MIL.) (6IN LINE)	L.M.	9		9
	716-13.05 SPRAY THERMO PVMT MRKNG (60 MIL.) (6IN DOTTED LINE)	L.F.	760		760
	717-01 MOBILIZATION	LS	1		1
(10)	730-14.02 SAW SLOT	L.F.	21000		21000
(10)(11)	730-14.03 LOOP WIRE	L.F.	42000		42000

FOOTNOTES	
(1)	INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET NO. 2C, FINAL PAVEMENT MARKING NOTE (6), FOR MORE INFORMATION.
(2)	INCLUDES <u>380</u> TONS FOR CITY STREETS AND <u>30</u> TONS FOR TURN LANES.
(3)	INCLUDES <u>376</u> TONS FOR CITY STREETS AND <u>30</u> TONS FOR TURN LANES.
(4)	NOT USED.
(5)	SEE SHEET 2F FOR SIGN TABULATED QUANTITIES. THE CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT MANAGER.
(6)	THE CONTRACTOR MAY ELECT TO SUBSTITUTE PERFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(7)	INCLUDES 41 S.Y. OF 8" BOUNDARY LINE (WHITE).
(8)	SEE SHEET 2F FOR CROSSWALK TABULATED QUANTITIES. SEE SEPARATE CURB RAMP PROJECT, PIN: 136144.02, FOR DETAILS.
(9)	TO BE USED FOR TEMPORARY STRIPING DURING THE MILLING OPERATION. NO PAYMENT WILL BE MADE FOR TEMPORARY STRIPING DURING PLACEMENT OF THE FINAL SURFACE (ON EITHER EXISTING SURFACE OR FINAL) COURSE DUE TO THE CONTRACTOR'S METHODS OF CONSTRUCTION.
(10)	TO BE USED AT SKI MOUNTAIN RD. (L.M. 14.85), HISTORIC NATURE TR. (L.M. 15.22), RIVER RD./CHEROKEE ORCHARD RD. (L.M. 15.60), GREYSTONE HEIGHTS RD. (LM.15.64), EAST PARKWAY (L.M. 15.79), AND DUDLEY CREEK (L.M. 16.46) INTERSECTIONS OR AS DIRECTED BY THE TDOT MANAGER.
(11)	SIGNAL DETECTION LOOPS SHALL BE INSTALLED BEFORE THE FINAL SURFACE IS APPLIED.
(12)	ANY DAMAGE THAT OCCURS DURING REMOVAL SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE TDOT MANAGER.
NO UTILITY ADJUSTMENTS NEEDED ON THIS PROJECT	
NO GUARDRAIL QUANTITIES TO BE INCLUDED IN THIS PROJECT	

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-71(48)	2

REV. 11/25/25: REVISED QUANTITIES FOR ITEM NO. 716-02.09. REMOVED ITEM NO. 716-02.03 AND FOOTNOTE NO. 4.

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11/25/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

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TRAFFIC CONTROL SIGN TABULATION (RESURFACING)							
M.U.T.C.D. SIGN NO.	LEGEND \ DESCRIPTION	SIZE IN INCHES			S.F.	TOTAL NUMBER REQUIRED	ITEM NO. 712-06 S.F.
		L	x	W			
G20-1	ROAD WORK NEXT 2 MILES	48"	x	24"	8	4	32
G20-2	END ROAD WORK	48"	x	24"	8	3	24
W4-2	LANE ENDS	48"	x	48"	16	2	32
W8-1	BUMP	48"	x	48"	16	2	32
W8-11	UNEVEN LANES	48"	x	48"	16	12	192
W13-1P	ADVISORY SPEED	30"	x	30"	6	3	19
W20-1	ROAD WORK	48"	x	48"	16	31	496
W20-5	LANE CLOSED	48"	x	48"	16	2	32
						TOTAL	859

THE CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY TDOT MANAGER.

CROSSWALK TABULATION								
ROADWAY		LOCATION				SIGNALIZED YES / NO	LONGITUDINAL BAR CROSSWALK MARKING 716-02.09 (L.F.)	REMARKS
MAINLINE	INTERSECTING	LOG MILE (L.M.)	LEFT	ACROSS	RIGHT			
SR-71	SKI MOUNTAIN RD.	14.84	X			YES	38	SEE SHT. 65 IN PIN 136144.02
SR-71	SR-71	14.85		X		NO	40	SEE SHT. 65 IN PIN 136144.02
SR-71	SR-71	14.90		X		NO	40	SEE SHT. 65 IN PIN 136144.02
SR-71	SAVAGE GARDEN RD.	14.92			X	NO	32	SEE SHT. 65 IN PIN 136144.02
SR-71	M AND O ST.	14.95	X			NO	37	SEE SHT. 65 IN PIN 136144.02
SR-71	SR-71	14.96		X		NO	40	SEE SHT. 65 IN PIN 136144.02
SR-71	SR-71	15.02		X		NO	40	SEE SHT. 65 IN PIN 136144.02
SR-71	LECONTE CREEK RD.	15.03			X	NO	25	SEE SHT. 65 IN PIN 136144.02
SR-71	LECONTE ST.	15.04	X			NO	35	SEE SHT. 65 IN PIN 136144.02
SR-71	SR-71	15.04		X		NO	52	SEE SHT. 65 IN PIN 136144.02
SR-71	SR-71	15.11		X		NO	40	SEE SHT. 65 IN PIN 136144.02
SR-71	SR-71	15.17		X		NO	40	SEE SHT. 66 IN PIN 136144.02
SR-71	SR-71	15.22		X		YES	42	SEE SHT. 66 IN PIN 136144.02
SR-71	HISTORIC NATURE TRAIL	15.22			X	YES	45	SEE SHT. 66 IN PIN 136144.02
SR-71	SR-71	15.23		X		YES	43	SEE SHT. 66 IN PIN 136144.02
SR-71	SR-71	15.26		X		NO	40	SEE SHT. 66 IN PIN 136144.02
SR-71	MAPLE LN.	15.27	X			NO	56	SEE SHT. 66 IN PIN 136144.02
SR-71	REAGAN DRIVE	15.27			X	NO	43	SEE SHT. 66 IN PIN 136144.02
SR-71	SR-71	15.33		X		NO	40	SEE SHT. 67 IN PIN 136144.02
SR-71	SR-71	15.36		X		NO	40	SEE SHT. 67 IN PIN 136144.02
SR-71	SR-71	15.39		X		NO	40	SEE SHT. 67 IN PIN 136144.02
SR-71	SR-71	15.43		X		NO	40	SEE SHT. 67 IN PIN 136144.02
SR-71	SR-71	15.46		X		NO	40	SEE SHT. 67 IN PIN 136144.02
SR-71	SR-71	15.51		X		NO	40	SEE SHT. 67 IN PIN 136144.02
SR-71	SR-71	15.58		X		YES	42	SEE SHT. 68 IN PIN 136144.02
SR-71	CHEROKEE ORCHARD RD.	15.59			X	YES	76	SEE SHT. 68 IN PIN 136144.02
SR-71	RIVER RD.	15.59	X			YES	31	SEE SHT. 68 IN PIN 136144.02
SR-71	SR-71	15.70		X		NO	64	SEE SHT. 68 IN PIN 136144.02
SR-71	SR-71	15.78		X		YES	72	SEE SHT. 69 IN PIN 136144.02
SR-71	EAST PARKWAY	15.79			X	YES	66	SEE SHT. 69 IN PIN 136144.02
SR-71	SR-71	15.79		X		YES	50	SEE SHT. 69 IN PIN 136144.02
SR-71	EAST PARKWAY	15.80			X	YES	26	SEE SHT. 69 IN PIN 136144.02
SR-71	SR-71	15.85		X		NO	45	SEE SHT. 69 IN PIN 136144.02
SR-71	SR-71	15.93		X		NO	40	SEE SHT. 69 IN PIN 136144.02
SR-71	SR-71	16.01		X		NO	40	SEE SHT. 69 IN PIN 136144.02
SR-71	SR-71	16.05		X		NO	40	SEE SHT. 70 IN PIN 136144.02
SR-71	SR-71	16.14		X		NO	40	SEE SHT. 70 IN PIN 136144.02
SR-71	SR-71	16.19		X		NO	40	SEE SHT. 70 IN PIN 136144.02
SR-71	HEMLOCK ST. ACC.	16.20	X			NO	53	SEE SHT. 70 IN PIN 136144.02
SR-71	SR-71	16.24		X		NO	40	SEE SHT. 70 IN PIN 136144.02
SR-71	DUDLEY CREEK RD.	16.45			X	YES	45	SEE SHT. 71 IN PIN 136144.02
SR-71	SR-71	16.46		X		YES	52	SEE SHT. 71 IN PIN 136144.02
SR-71	SR-71	16.53		X		NO	50	SEE SHT. 71 IN PIN 136144.02
							1880	

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-71(48)	2F

REV. 11/25/25: REVISED CROSSWALK TABULATION.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES