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ARCADIS  
11400 PARKSIDE DRIVE, SUITE 410  
KNOXVILLE, TENNESSEE 37934

RACHEL H. COLE, P.E. NO.: 119667

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

YEAR	PROJECT NO.	SHEET NO.
2025	NH/HSIP-1(498)	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
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.....	4
*REFERENCE SHEETS.....	R1 – R4

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

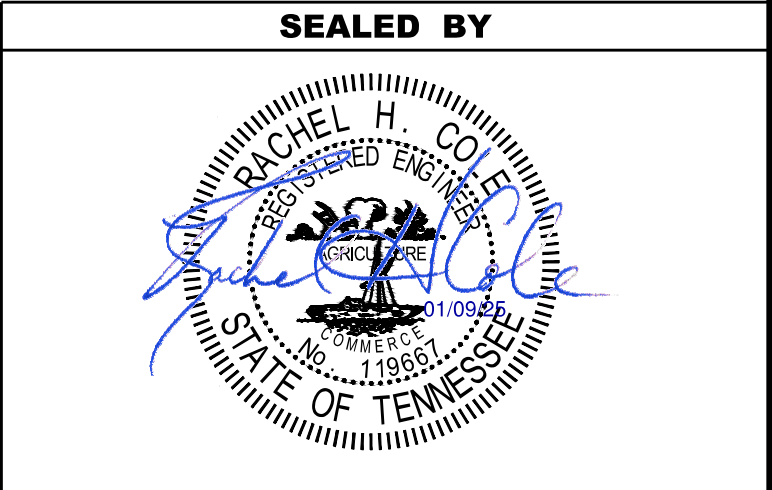
NO PROJECT COMMITMENT SHEET INCLUDED IN THIS SET OF PLANS  
\*PROVIDED BY REGION 1 TRAFFIC OFFICE

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
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-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS TYPICAL SECTIONS
DESIGN - TRAFFIC CONTROL		
T-M-1	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-3	07-07-23	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	07-17-20	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-4B	07-30-24	STANDARD SIGNALIZED MID-BLOCK CROSSING
T-M-9	05-01-23	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-1(498)	1A

REV. 01/09/25 : ADDED SHEET ROADWAY-SIGN2 TO ROADWAY INDEX.



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX  
AND  
STANDARD  
ROADWAY  
DRAWINGS



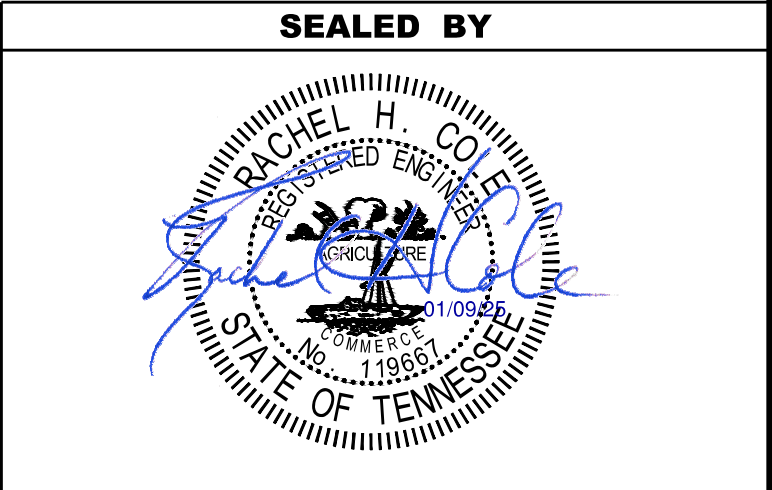
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-1(498)	2

REV. 01/09/25 : REVISED QUANTITIES FOR ITEM NUMBERS 712-01 AND 717-01.

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	QUANTITY	TOTAL QUANTITY
			73S001-F8-005	73S001-F3-005	
	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	16	16
(1)	307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	TON	1116	1116
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	89	89
(2)	411-03.13	ACS MIX(PG70-22) THIN LIFT D ASPHALT	TON	5580	5580
(3)	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	49	49
(4)	705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	L.F.	10016	10016
(5)	712-01	TRAFFIC CONTROL	LS	0.35	0.35
(6)	712-06	SIGNS (CONSTRUCTION)	S.F.	1165	1165
(7)	713-02.15	FLEXIBLE DELINEATOR (YELLOW)	EACH	146	146
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	509	509
(8)	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	509	509
(9) (10)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	159	159
(9)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	480	480
(9)	716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.	1621	1621
(9)	716-04.17	PLASTIC PAVEMENT MARKING (YIELD SYMBOL)	S.F.	96	96
(11)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	13	13
	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	31	31
(5)	717-01	MOBILIZATION	LS	0.35	0.35

FOOTNOTES	
(1)	TO BE USED FOR SPOT LEVELING. TO BE USED ONLY TO CORRECT DEFICIENCIES ON EXISTING PAVEMENT AND IS NOT TO BE COMBINED WITH OTHER COURSES.
(2)	INCLUDES <u>133 TONS</u> FOR COUNTY ROADS AND <u>58 TONS</u> FOR WIDE SHOULDER SPOTS. BUSINESS ENTRANCES AND PRIVATE DRIVES TO BE TIED IN AS NEEDED OR AS DIRECTED BY THE TDOT MANAGER.
(3)	TO BE USED AT THE BEGINNING AND END OF PROJECT LIMITS.
(4)	TO BE USED ON ALL EXISTING GUARDRAIL ALONG ROUTE OR AS DIRECTED BY TDOT MANAGER.
(5)	TO BE BRACKETED WITH: ROANE CO. SR-1 PIN 132791.00
(6)	SEE SHEET NUMBER 2F FOR TRAFFIC CONTROL SIGN TABULATION BLOCK.
(7)	TO BE USED FOR UTILITY POLE DELINEATION OR AS DIRECTED BY THE TDOT MANAGER.
(8)	ANY DAMAGE INCURRED DURING THE REMOVAL SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE TDOT MANAGER.
(9)	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.
(10)	<u>92 S.Y.</u> FOR 8" BARRIER LINE AND <u>67 S.Y.</u> FOR OPEN FRONTAGE.
(11)	TO BE USED FOR TEMPORARY STRIPING DURING THE PLACEMENT OF SPOT LEVELING. 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.

THERE ARE NO UTILITY ADJUSTMENTS ON THIS PROJECT.



STATE OF TENNESSEE  
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ESTIMATED  
ROADWAY  
QUANTITIES