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ARCADIS U.S. INC.
1210 PREMIER DRIVE, SUITE 200
CHATTANOOGA, TN

JAMES FRITZ BROGDON, P.E. NO. 106940

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-33(159)	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 OPERATIONS 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.....	4
*CURB RAMP REFERENCE SHEETS	10-25

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

NO PROJECT COMMITMENT SHEET INCLUDED IN THIS SET OF PLANS

* REFERENCE SHEETS ARE FROM CURB RAMP CONTRACT, PIN 134735.02 PROVIDED BY OTHERS.

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

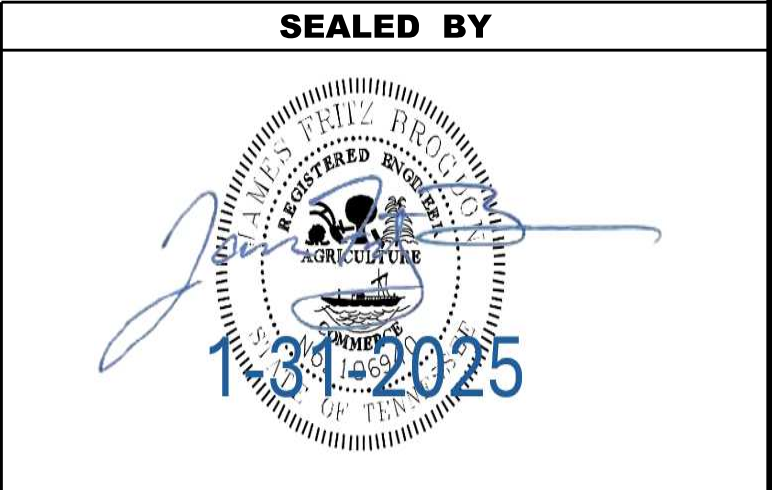
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-SE-3		SUPERELEVATION TRANSITION DETAILS FOR DIVIDED ROADWAYS
RD11-SE-3A		SUPERELEVATION TRANSITION SECTIONS FOR DIVIDED ROADWAYS
RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS

DESIGN - TRAFFIC CONTROL

T-M-1	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-09-24	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
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
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-04-21	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-FAB1		FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-33(159)	1A

REV. 01/31/25 : ADDED SHEET ROADWAY-SIGN2 TO ROADWAY INDEX.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

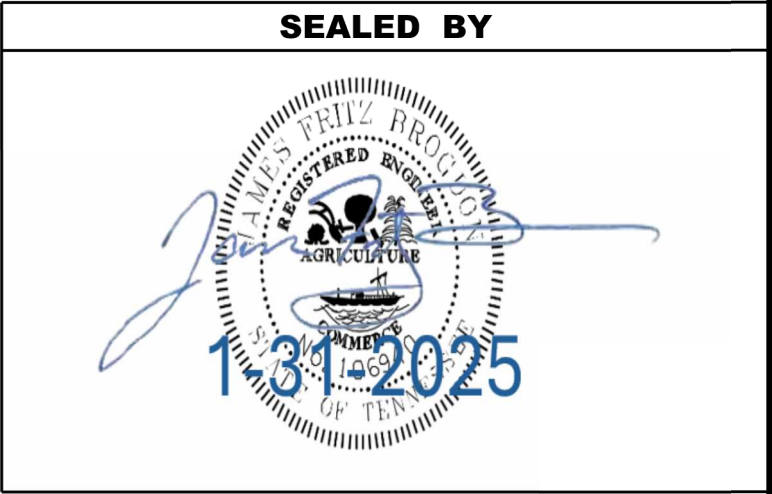
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-33(159)	2

REV. 01/31/25 : REVISED QUANTITIES FOR ITEM NUMBERS 411-02.10, 415-01.01, AND 716-02.12.

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 47S033-F8-007	QUANTITY 47S033-F3-007	TOTAL QUANTITY
208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	14		14
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	147		147
(1) 411-02.10	ACS MIX(PG70-22) GRADING D	TON	11683		11683
(2) 415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	11572		11572
712-01	TRAFFIC CONTROL	LS	1		1
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	157		157
712-05.01	WARNING LIGHTS (TYPE A)	EACH	79		79
(3) 712-06	SIGNS (CONSTRUCTION)	S.F.	1673		1673
712-08.03	ARROW BOARD (TYPE C)	EACH	2		2
(4) 713-16.20	SIGNS (OM-3R, 12" X 36")	EACH		8	8
(5) 716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		420	420
(5) 716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		980	980
(5) 716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		99	99
(5) 716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	3912		3912
(5) 716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		2245	2245
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	1.1		1.1
(5) 716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH		3	3
(6) 716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	19		19
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	19		19
717-01	MOBILIZATION	LS	1		1
730-14.02	SAW SLOT	L.F.	7088		7088
(7) 730-14.03	LOOP WIRE	L.F.	14175		14175

FOOTNOTES	
(1)	INCLUDES <u>900 TONS</u> FOR TURN LANES, <u>320 TONS</u> FOR CROSSTOVERS, <u>12.1 TONS</u> FOR CHANNELIZED AREAS, AND <u>26.5 TONS</u> FOR COUNTY ROADS.
(2)	INCLUDES <u>942 TONS</u> FOR TURN LANES, <u>317 TONS</u> FOR CROSSTOVERS, <u>12 TONS</u> FOR CHANNELIZED AREAS, AND <u>26 TONS</u> FOR COUNTY ROADS.
(3)	SEE SHEET NUMBER 2F FOR TRAFFIC CONTROL SIGN TABULATION BLOCK.
(4)	TO BE PLACED ON UTILITY POLES FROM LM 12.683 TO LM 12.949.
(5)	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.
(6)	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.
(7)	SIGNAL DETECTION LOOPS SHALL BE INSTALLED BEFORE THE FINAL SURFACE IS APPLIED.

NOTE: THERE IS NO GUARDRAIL WORK ON THIS PROJECT.
NOTE: THERE ARE NO UTILITY ADJUSTMENTS ON THIS PROJECT.



STATE OF TENNESSEE
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ESTIMATED
ROADWAY
QUANTITIES