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Date: 2025.01.22 14:28:33 -0500

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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-32(105)	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

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

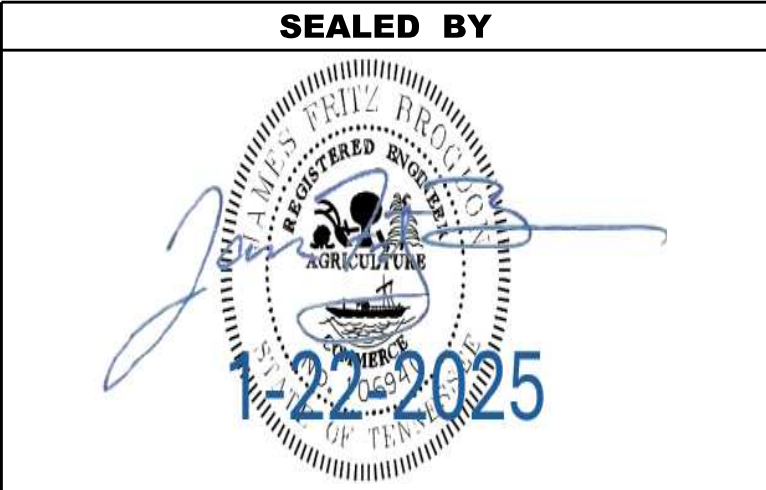
NO PROJECT COMMITMENT SHEET INCLUDED IN THIS SET OF PLANS

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-3		SUPERELEVATION TRANSITION DETAILS FOR DIVIDED ROADWAYS
RD11-SE-3A		SUPERELEVATION TRANSITION SECTIONS FOR DIVIDED ROADWAYS
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL 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 MARKINGS
T-M-7	06-28-19	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-9	05-01-23	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-15	06-28-19	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATE AND ACCESS CONTROLLED ROUTES
T-M-15A	06-28-19	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
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-12	03-04-21	ONE LANE CLOSURE DETAIL FOR BRIDGES ON DIVIDED HIGHWAYS
T-WZ-13	05-01-20	TWO-OUTSIDE LANE CLOSURE FOR EXPRESSWAY AND FREEWAYS
T-WZ-FAB1		FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-32(105)	1A

REV. 01/22/25 : ADDED SHEET ROADWAY-SIGN2 TO ROADWAY INDEX.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

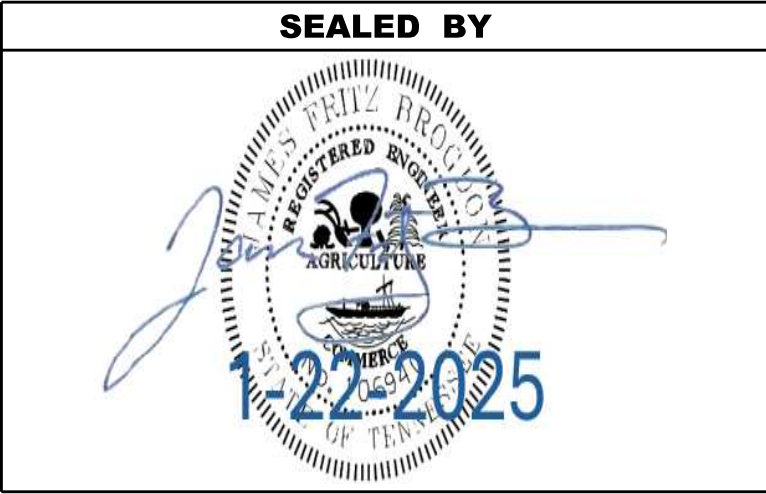
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH/HSIP-32(105)	2

REV. 01/22/25 : ADDED ITEM NUMBER 307-01.08.
ADDED FOOTNOTE (1) AND RENUMBERED FOOTNOTES.
REMOVED ITEM NUMBER 415-01.02.
ADDED ITEM NUMBER 415-01.01.
REVISED FOOTNOTE (4).

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 29S032-F8-002	QUANTITY 29S032-F3-002	TOTAL QUANTITY
	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	19	19
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	252	252
(1)	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	300	300
	307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	TON	1765	1765
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	101	101
(2)	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	8959	8959
(3)	411-03.10	ACS MIX(PG76-22) GRADING D	TON	11768	11768
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	10	10
(4)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	311	311
	712-01	TRAFFIC CONTROL	LS	1	1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	262	262
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	131	131
(5)	712-06	SIGNS (CONSTRUCTION)	S.F.	1497	1497
	712-08.03	ARROW BOARD (TYPE C)	EACH	2	2
	716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (B+DIR)(2 COLOR)	EACH	679	679
	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	292	292
(6)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	492	492
(6)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	322	322
(6)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	7	7
(6)	716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.	437	437
(7)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	22	22
	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	22	22
	717-01	MOBILIZATION	LS	1	1

FOOTNOTES	
(1)	TO BE USED FOR SPOT REPAIR AS DIRECTED BY THE TDOT MANAGER.
(2)	INCLUDES <u>38 TONS</u> FOR PRIVATE DRIVES, <u>27 TONS</u> FOR BUSINESS ENTRANCES, AND <u>108 TONS</u> FOR SR-32 SB EXIT RAMP SHOULDERS.
(3)	INCLUDES <u>300 TONS</u> FOR TURN LANES, <u>300 TONS</u> FOR CROSS-OVERS, <u>100 TONS</u> FOR CHANNELIZATION, <u>40 TONS</u> FOR COUNTY ROADS, AND <u>80 TONS</u> FOR SR-32 SB EXIT RAMP.
(4)	INCLUDES <u>300 TONS</u> FOR SPOT REPAIRS AND <u>11 TONS</u> TO BE USED AT THE BEGINNING AND END OF THE PROJECT LIMITS.
(5)	SEE SHEET NUMBER 2F FOR TRAFFIC CONTROL SIGN TABULATION BLOCK.
(6)	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.
(7)	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.

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



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ESTIMATED
ROADWAY
QUANTITIES