

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Contact Info:
andrew.parr@arcadis.com
Date: 2025.11.25 14:49:38-05'00'

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

ARCADIS US, INC.
1210 PREMIER DRIVE SUITE 200
CHATTANOOGA, TN 37421
ANDREW PARR, P.E. NO. 121197

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
TITLE SHEET	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND	
STANDARD TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2

YEAR	PROJECT NO.	SHEET NO.
2025	STP/HSIP-456(13)	ROADWAY-SIGN2

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
SIGNATURE SHEET

Index Of Sheets
SEE SHEET NO. 1A

PROJECT TO BE BRACKETED WITH:
SCOTT CO. SR 29
PIN 132816.00

NORFOLK SOUTHERN RAILWAY COMPANY
R/R OVERPASS CROSSING #935390Y
LAT 36.499139 LONG -84.508647
L.M. 9.57 MP 209.22

76S456-F8-002
76S456-F3-002
END PROJECT NO. STP/HSIP-456(13) RESURFACE & SAFETY
L.M. 10.05

R.J. CORMAN RAILROAD CORP./
BARDSTOWN LINE (RJCR)
R/R AT GRADE CROSSING #846698W
LAT 36.4940900, LONG -84.5083000
R/R PARALLEL TO L.M. 9.21 MP TE-0.40

R.J. CORMAN RAILROAD CORP./
BARDSTOWN LINE (RJCR)
R/R AT GRADE CROSSING #846699D
LAT 36.4891600, LONG -84.5076200
R/R PARALLEL TO L.M. 8.87 MP TE-0.80

76S456-F8-002
76S456-F3-002
BEGIN PROJECT NO. STP/HSIP-456(13) RESURFACE & SAFETY
L.M. 8.78

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES
CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW
THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF
THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2021 AND
ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS
AND IN THE PROPOSAL CONTRACT.

TDOT PROJECT MANAGER : ERIC WILSON, P.E.

DESIGN FIRM : ARCADIS US, INC.

DESIGNER : ADAM GRAVITT CHECKED BY ANDREW PARR, P.E.

P.E. NO. 98013-4203-04 (DESIGN)

PIN NO. 132817.00

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

SCOTT COUNTY

SR-456:
NEAR LEAMON LANE
TO NEAR SR-29

RESURFACE & SAFETY
411TLD OVERLAY AND PAVEMENT MARKINGS

STATE HIGHWAY NO. SR-456 F.A.H.S. NO. N/A



SCALE: 1"= 5280

0 1 2 3
MILES

PROJECT LENGTH
TOTAL LANE MILES RESURFACED

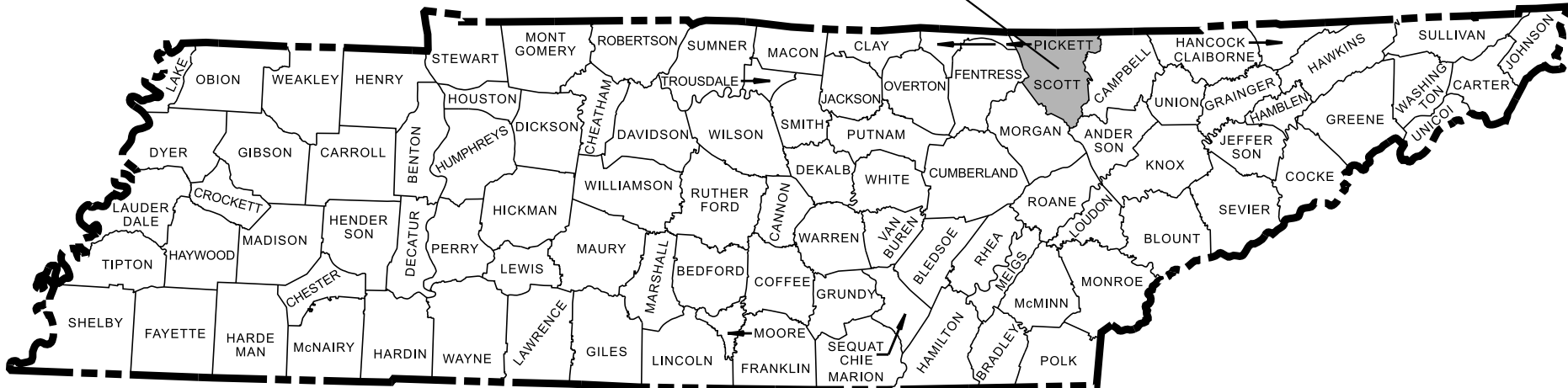
1.27 MILES
2.66 MILES

DOES THIS PROJECT QUALIFY FOR UTILITY CHAPTER 86	YES	NO X
WORK ZONE SIGNIFICANCE DETERMINATION		
SIGNIFICANT	YES	NO X

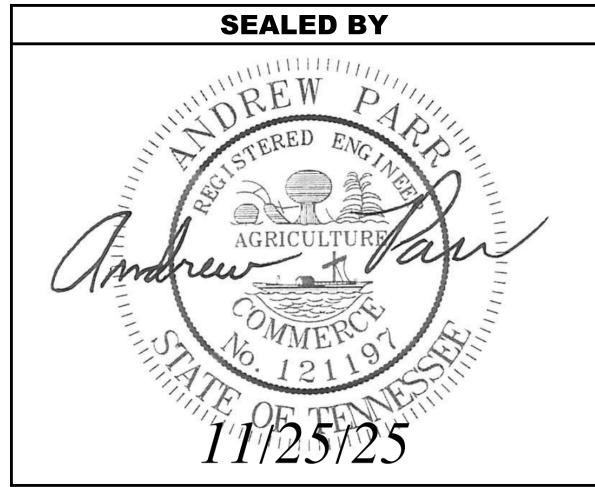
TENN.	YEAR 2025	SHEET NO. 1
FED. AID PROJ. NO.	STP/HSIP-456(13)	
STATE PROJ. NO.	76S456-F8-002, 76S456-F3-002	

REV. 11/25/25 : REVISED PROJECT NUMBER.

SCOTT COUNTY SR-456
BRIDGE ID. # 76006610009



NO EXCLUSIONS



APPROVED: SHANE HESTER, CHIEF ENGINEER

DATE:

APPROVED: WILL REID, COMMISSIONER

TRAFFIC COUNTER & WEATHER STATIONS	
STATION LOCATION	L.M. 9.45
STATION LOCATION	L.M. 9.92

TRAFFIC DATA	
ADT (2025)	7105
POSTED SPEED	
L.M. 8.78 - L.M. 9.06	35 MPH
L.M. 9.06 - L.M. 9.36	45 MPH
L.M. 9.36 - L.M. 10.05	35 MPH

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
SIGNATURE SHEET	ROADWAY-SIGN2
TITLE SHEET	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND	
STANDARD TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B
GENERAL NOTES	2C
SPECIAL NOTES	2D, 2D1
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
*REFERENCE SHEET.....	R1, R2
** CURB RAMP REFERENCE SHEETS.....	49-50

NO UTILITY SHEETS ARE INCLUDED IN THIS SET OF PLANS

NO PROJECT COMMITMENT SHEETS ARE INCLUDED IN THIS SET OF PLANS

*PROVIDED BY REGION 1 TRAFFIC OFFICE.

**REFERENCE SHEETS ARE FROM CURB RAMP CONTRACT, PIN 136144.03.
PROVIDED BY OTHERS.

STANDARD ROADWAY DRAWINGS

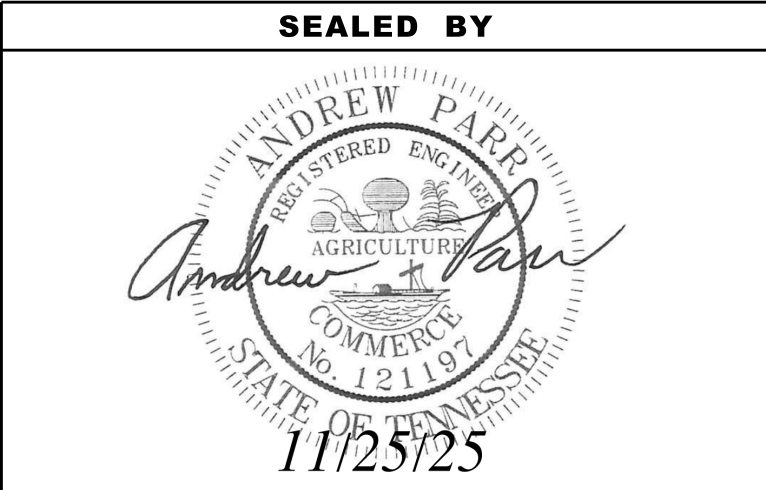
DWG.	REV.	DESCRIPTION
STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
ROADWAY DESIGN STANDARDS		
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-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
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS

STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
DESIGN - TRAFFIC CONTROL		
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-15A	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
T-WZ-30	03-26-25	TRAFFIC CONTROL 2-LANE, 2-WAY DIVERSION (40 MPH OR LESS)
T-WZ-36	03-26-25	LANE CLOSURE ON LOW-VOLUME 2-LANE HIGHWAY
T-WZ-40	03-26-25	RIGHT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-41	03-26-25	LEFT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-42	03-26-25	CENTER LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-456(13)	1A

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



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX,
STANDARD ROADWAY
DRAWINGS, AND
STANDARD TRAFFIC
DESIGN DRAWINGS

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 76S456-F8-002	QUANTITY 76S456-F3-002	TOTAL QUANTITY
(1)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	3		3
(2)	307-01.15 ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	TON	266		266
	403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	21		21
(3)	411-03.13 ACS MIX(PG70-22) THIN LIFT D ASPHALT	TON	1328		1328
(4)	411-12.04 SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	L.M.	2		2
(5)	712-01 TRAFFIC CONTROL	LS	0.1		0.1
(6)	712-06 SIGNS (CONSTRUCTION)	S.F.	477		477
	712-08.03 ARROW BOARD (TYPE C)	EACH	2		2
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	109		109
	716-01.22 SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	20		20
(7)	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	129		129
(8)(9)(10)(11)	716-02.04 PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		840	840
(8)(12)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		15	15
(8)	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		4	4
(8)(13)	716-02.09 PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		120	120
(8)(11)	716-04.04 PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.		784	784
(14)	716-05.20 PAINTED PAVEMENT MARKING (6" LINE)	L.M.	3		3
	716-13.02 SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	6		6
(5)	717-01 MOBILIZATION	LS	0.1		0.1

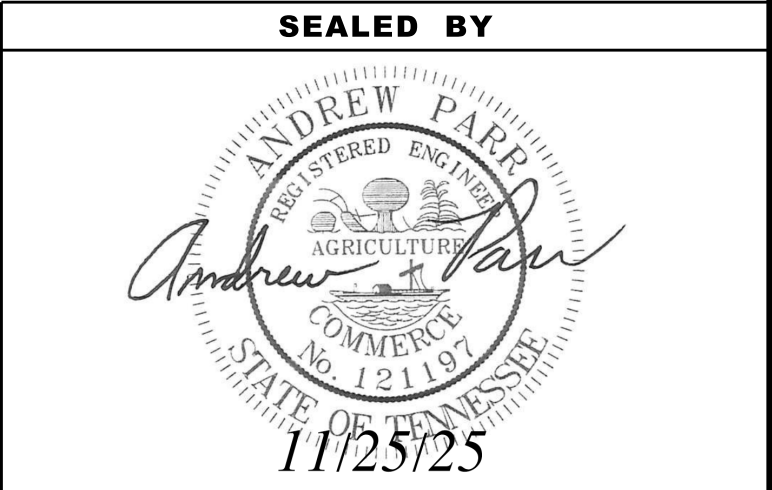
FOOTNOTES	
(1)	INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET NO. 2C, FINAL PAVEMENT MARKING NOTE (6) FOR MORE INFORMATION.
(2)	TO BE USED FOR SPOT LEVELING. SPOT LEVELING TO BE USED ONLY TO CORRECT DEFICIENCIES ON EXISTING PAVEMENT AND IS NOT TO BE COMBINED WITH OTHER COURSES.
(3)	INCLUDES 90 TONS FOR COUNTY ROADS, AN ADDITIONAL 8.5 TONS FOR THE BILBREY STREET INTERSECTION, 39 TONS FOR CHANNELIZED AREAS, AND 23 TONS FOR TURN LANES. BUSINESS ENTRANCES AND PRIVATE DRIVES ARE TO BE TIED-IN AS NEEDED OR AS DIRECTED BY THE TDOT MANAGER.
(4)	TO BE USED AT THE BEGINNING AND END OF THE PROJECT LIMITS, AT BRIDGE ENDS ON BRIDGE OVER SOUTHERN RR / W. J. JEFFERS RD. (L.M. 9.57). INCLUDES 1015 S.Y. FOR CURBLINE MILLING SECTIONS.
(5)	TO BE BUNDLED WITH: SCOTT CO. SR-29 PIN 132816.00
(6)	SEE SHEET 2F FOR SIGN TABULATED QUANTITIES.
(7)	ANY DAMAGE INCURRED DURING THE REMOVAL SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE TDOT MANAGER.
(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)	INCLUDES 700 S.Y. FOR GORE AREA CHANNELIZATION AND 140 S.Y. FOR OPEN FRONTAGE AREAS.
(10)	8" BARRIER LINE TO BE USED.
(11)	SEE SHEET 2F AND SHEETS R1-R2 FOR ADDITIONAL DETAILS AND INFORMATION.
(12)	TO BE USED AT THE INTERSECTION OF SR-456 AND BILBREY STREET (L.M. 9.96).
(13)	SEE SHEET 2F AND SHEETS 49-50 FOR ADDITIONAL DETAILS AND INFORMATION.
(14)	TO BE USED FOR TEMPORARY STRIPING DURING PLACEMENT OF SPOT LEVELING ONLY. 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 ARE NO UTILITY ADJUSTMENTS ON THIS PROJECT.

NOTE: THERE ARE NO GUARDRAIL ADJUSTMENTS ON THIS PROJECT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-456(13)	2

REV. 11/25/25 : REMOVED ITEM NUMBER 415-01.02, REMOVED FOOTNOTE NUMBER (5), RENUMBERED FOOTNOTES AND REVISED PROJECT NUMBER IN ESTIMATED ROADWAY QUANTITIES TABLE.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES