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Date: 2025.07.17 15:29:44-04'00'

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ARCADIS U.S. INC.  
524 SOUTH GAY STREET, SUITE 201  
KNOXVILLE, TN 37902

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
TITLE SHEET .....	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS .....	1A
ESTIMATED ROADWAY QUANTITIES .....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2B

YEAR	PROJECT NO.	SHEET NO.
2025	73S339-S8-002	ROADWAY-SIGN2

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

SIGNATURE  
SHEET

Index Of Sheets  
SEE SHEET NO. 1A

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING

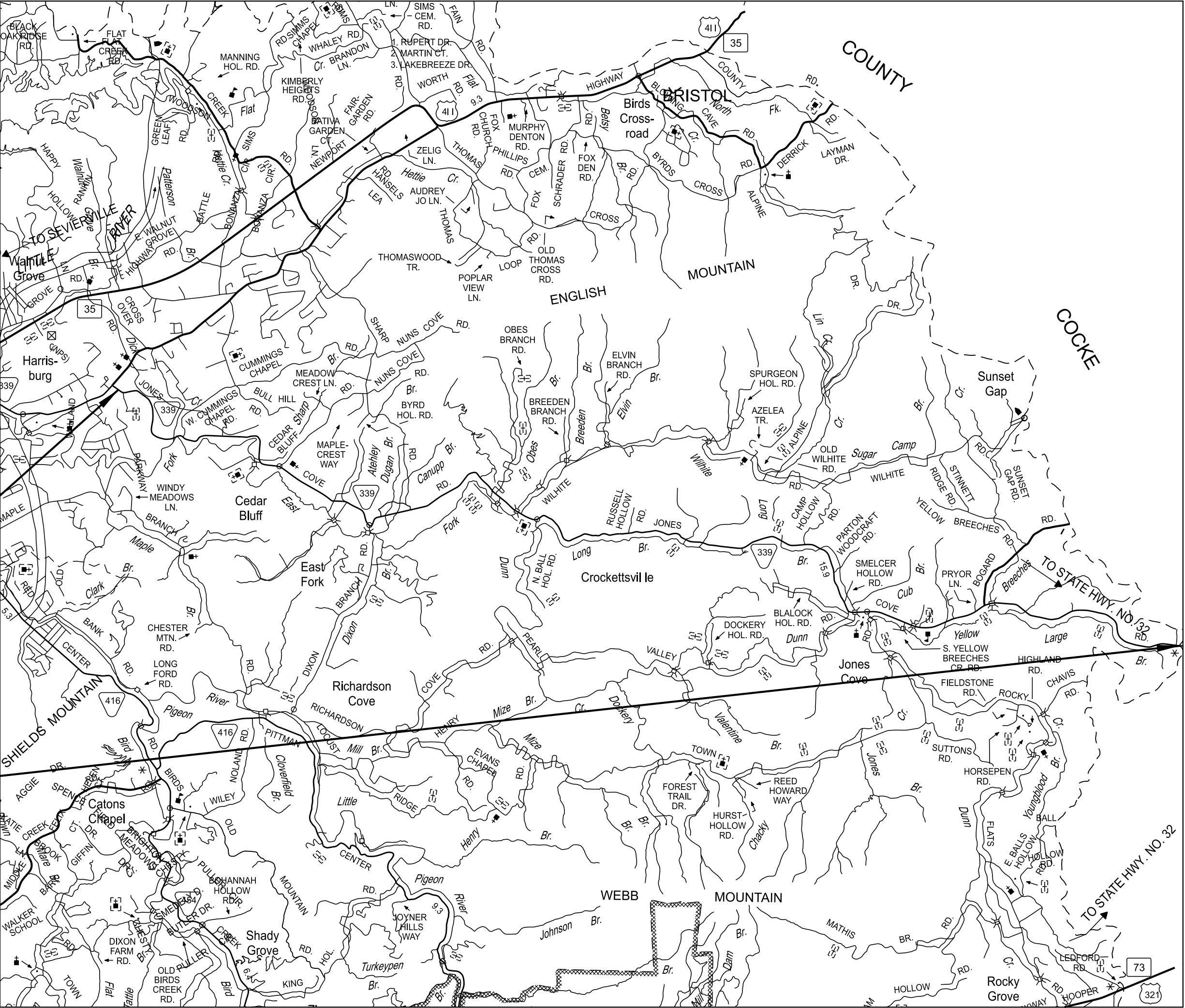
SEVIER COUNTY

SR-339:  
FROM NEAR OLD NEWPORT HIGHWAY  
TO COCKE COUNTY LINE (GFT-26)

RESURFACE

411TLD OVERLAY OR 411TL OVERLAY AND PAVEMENT MARKINGS

STATE HIGHWAY NO. 339 F.A.H.S. NO. N/A



BEGIN PROJECT NO. 73S339-S8-002 RESURFACE  
L.M. 2.00

END PROJECT NO. 73S339-S8-002 RESURFACE  
L.M. 15.93

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.

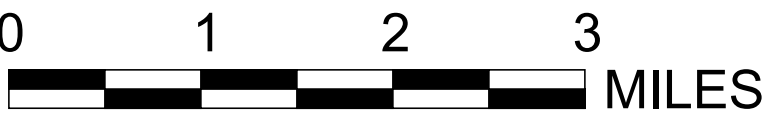
DESIGN FIRM : ARCADIS US, INC.

DESIGNER : NATALIE KERNISANT CHECKED BY RACHEL H. COLE, P.E.

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

PIN NO. 127130.00

SCALE: 1"= 5280'



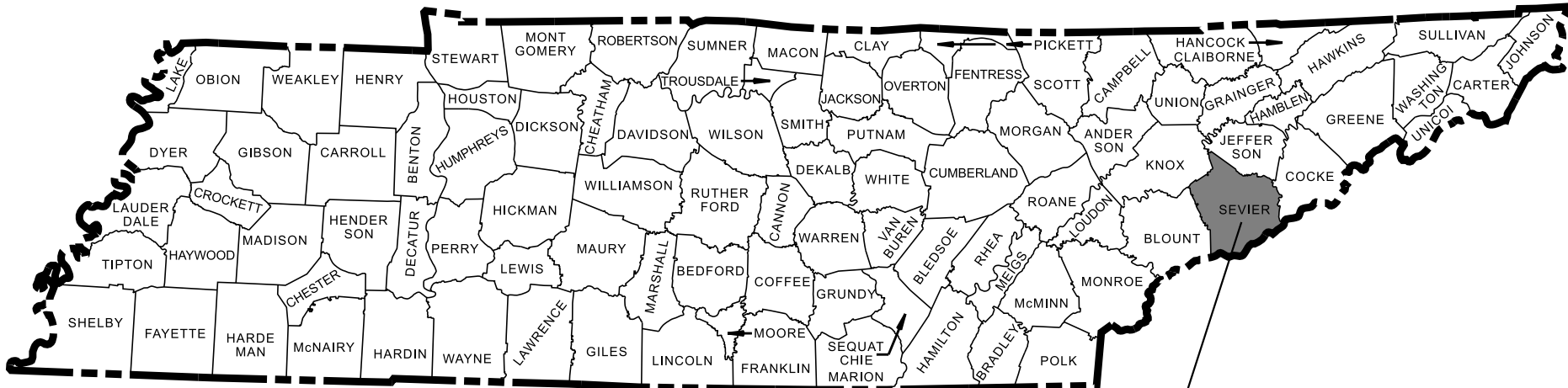
PROJECT LENGTH  
TOTAL LANE MILES RESURFACED

13.93 MILES  
27.86 MILES

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

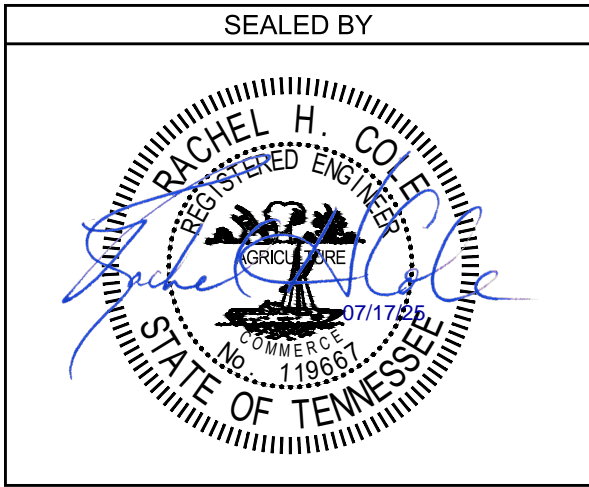
TENN.	YEAR 2025	SHEET NO. 1
STATE PROJ. NO.	73S339-S8-002	


REV. 07/17/25 : REVISED PROJECT SCOPE.



PROJECT LOCATION  
BRIDGE ID. # 78S24190001, 78S24190005, 78S24190003

NO EXCLUSIONS



APPROVED:   
WILL REID, DEPUTY COMMISSIONER /  
CHIEF ENGINEER

DATE:

APPROVED:   
HOWARD H. ELEY, DEPUTY GOVERNOR &  
COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:  
DIVISION ADMINISTRATOR DATE

TRAFFIC DATA	
ADT (2025)	2480
POSTED SPEED	45 MPH



ROADWAY INDEX

STANDARD ROADWAY DRAWINGS

SHEET NAME SHEET NO.

DWG. REV. DESCRIPTION

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

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

NO PROJECT COMMITMENT SHEET INCLUDED IN THIS SET OF PLANS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	73S339-S8-002	1A

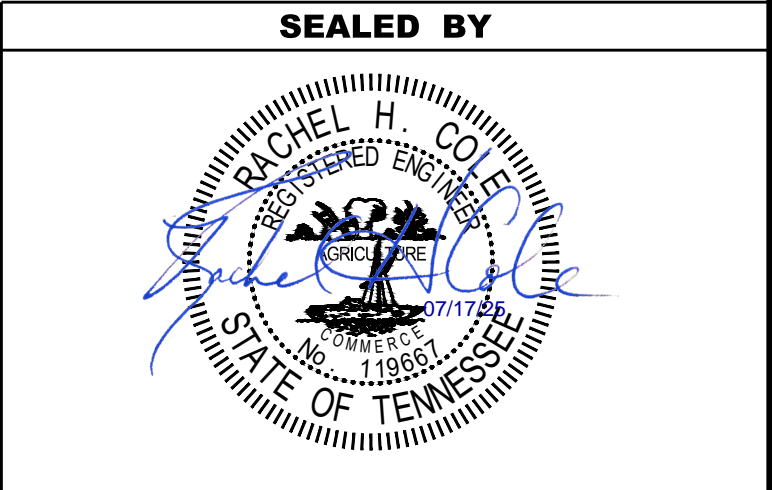
REV. 07/17/25 : ADDED SHEET ROADWAY-SIGN2 TO ROADWAY INDEX.

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



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX  
AND  
STANDARD  
ROADWAY  
DRAWINGS

ESTIMATED ROADWAY QUANTITIES				
	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 73S339-S8-002
(1)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	28
(2)	307-01.15	ASC MX (PG64-22) (BPMLC-HM) GRADING CS	TON	1310
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	137
(3)	411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	L.M.	23
(4)	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	154
	712-01	TRAFFIC CONTROL	LS	1
(5)	712-06	SIGNS (CONSTRUCTION)	S.F.	877
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (B-DIR) (1 COLOR)	EACH	1115
(6)	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	1115
(7)(8)(9)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	800
(7)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	259
(7)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	4
(7)	716-03.09	PLASTIC WORD PAVEMENT MARKING (SLOW)	EACH	2
(10)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	23
	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	56
	716-13.05	SPRAY THERMO PVMT MRKNG (60 mil) (6IN DOTTED LINE)	L.F.	300
	717-01	MOBILIZATION	LS	1
		ALTERNATE AA1		
(11)	411-03.07	ACS MX(PG64-22) THIN LIFT ASPHALT	TON	6550
		ALTERNATE AA2		
(11)	411-03.12	ACS MX(PG64-22) THIN LIFT D ASPHALT	TON	6550

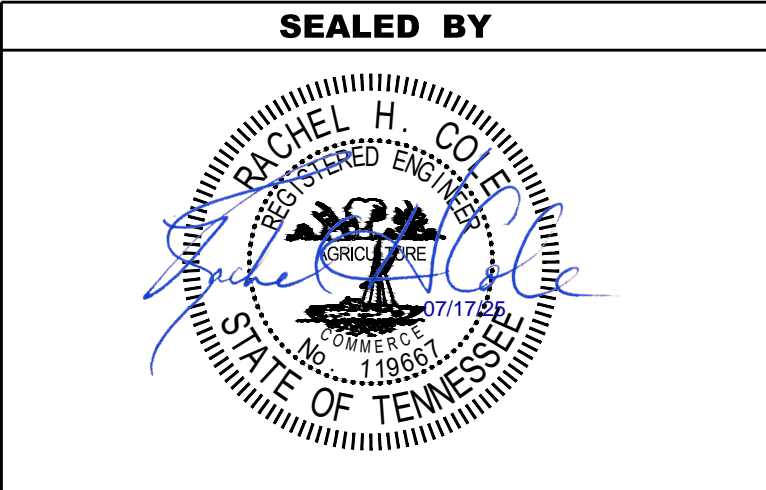
FOOTNOTES	
(1)	INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET NO. 2C, FINAL PAVEMENT MARKING NOTE (6) FOR MORE INFORMATION.
(2)	TO BE USED FOR SPOT LEVELING. TO BE USED ONLY TO CORRECT DEFICIENCIES ON EXISTING PAVEMENT AND IS NOT TO BE COMBINED WITH OTHER COURSES.
(3)	QUANTITY WAS MULTIPLIED BY A FACTOR OF 60/75.
(4)	TO BE USED AT THE BEGINNING AND END OF THE PROJECT LIMITS AND AT BRIDGE ENDS APPROACHING BRIDGE OVER WILHITE CREEK (L.M. 7.70).
(5)	SEE SHEET NUMBER 2F FOR TRAFFIC CONTROL SIGN TABULATION BLOCK.
(6)	ANY DAMAGE INCURRED DURING THE REMOVAL SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE TDOT MANAGER.
(7)	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.
(8)	INCLUDES <u>800 S.Y.</u> FOR GORE AREA CHANNELIZATION.
(9)	8" BARRIER LINE TO BE USED.
(10)	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.
(11)	INCLUDES <u>240 TONS</u> FOR COUNTY ROADS, <u>40 TONS</u> FOR CHANNELIZED AREAS, AND <u>12 TONS</u> FOR TURN LANES. BUSINESS ENTRANCES AND PRIVATE DRIVES ARE TO BE TIED-IN AS NEEDED OR AS DIRECTED BY THE TDOT MANAGER.

NOTE: THERE ARE NO UTILITY ADJUSTMENTS ON THIS PROJECT.

NOTE: THERE ARE NO GUARDRAIL ADJUSTMENTS WITHIN PROJECT LIMITS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	73S339-S8-002	2

REV. 07/17/25 : ADDED ITEM NUMBER 411-03.07. REVISED QUANTITIES FOR ITEM NUMBERS 307-01.15, 403-01, 415-01.02, AND 411-03.12. RENUMBERED FOOTNOTES.



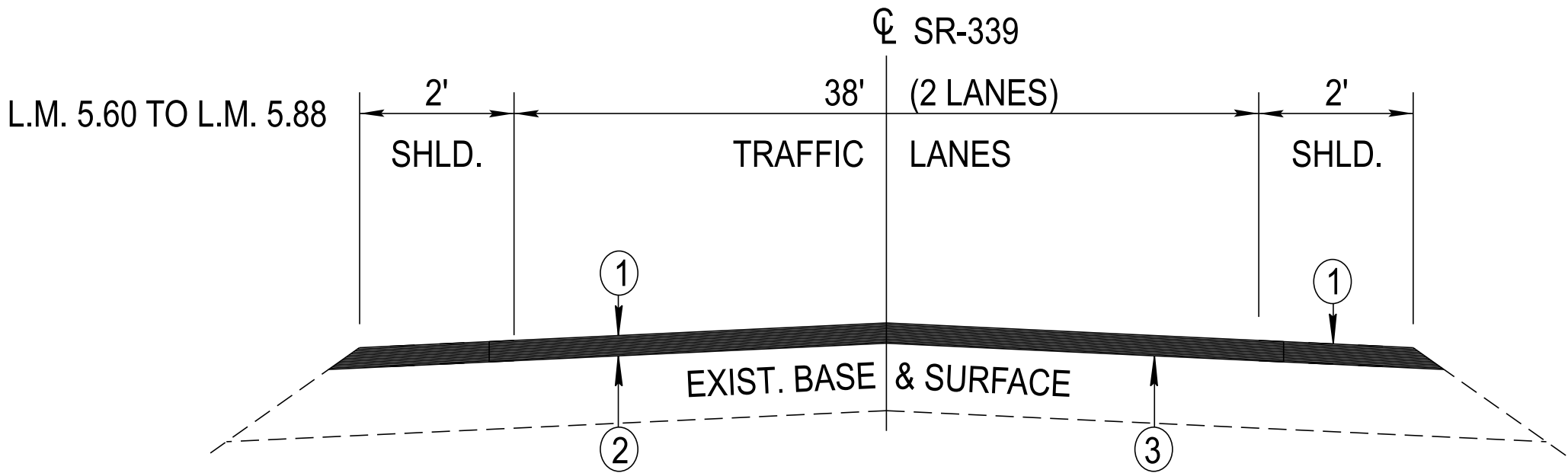
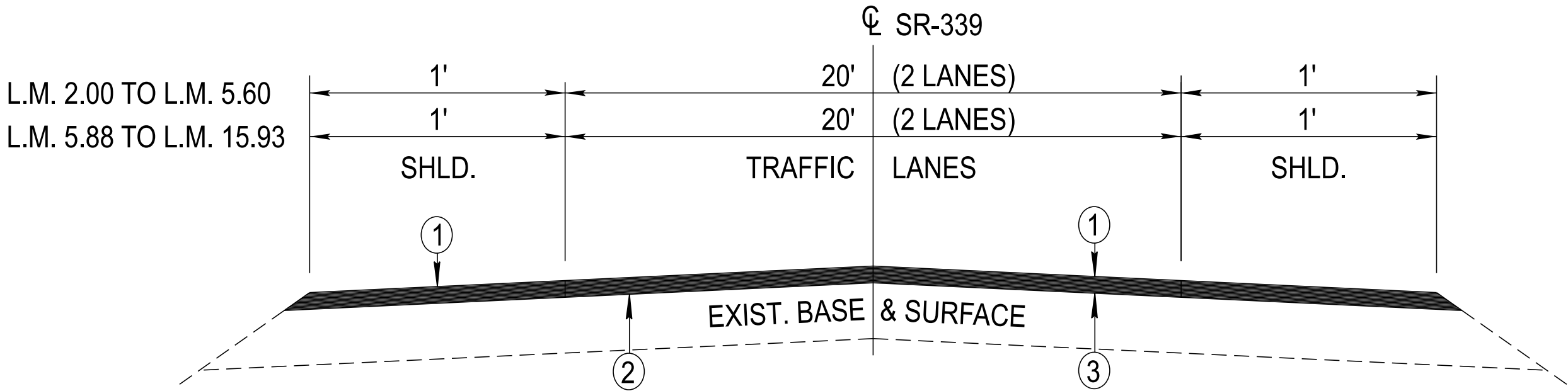
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ESTIMATED  
ROADWAY  
QUANTITIES



TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	73S339-S8-002	2B

REV. 07/17/25 : ADDED ITEM NUMBER  
411-03.07 AS ALTERNATE AA1 TO PAVEMENT  
SCHEDULE. REVISED BRIDGE NOTES.  
REVISED TYPICAL SECTIONS

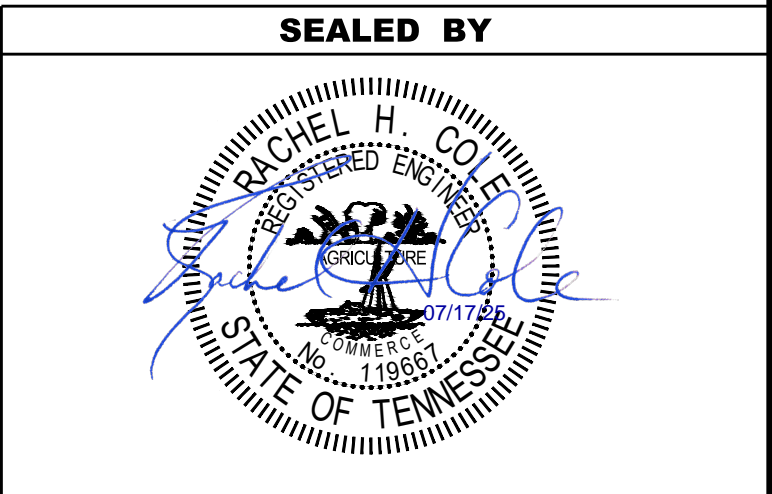


PROPOSED PAVEMENT SCHEDULE			
②	BITUMINOUS PLANT MIX BASE (HM) (SPOT LEVELING) ITEM NO. 307-01.15 ACS MIX (PG64-22) (BPMLC-HM) GRADING CS	③	TACK COAT (TC) (APPROX. 0.15 GAL/SY) ITEM NO. 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
	COLD PLANING ½" TH. (APPROX. 52.5 LBS/SY) ITEM NO. 415-01.02 COLD PLANING BITUMINOUS PAVEMENT		
ALTERNATE AA1		ALTERNATE AA2	
①	THIN LIFT ASPHALT (HM) ½" (APPROX. 65 LBS/SY) ITEM NO. 411-03.07 ACS MIX (PG64-22) THIN LIFT ASPHALT	①	THIN LIFT ASPHALT (HM) ½" (APPROX. 65 LBS/SY) ITEM NO. 411-03.12 ACS MIX (PG64-22) THIN LIFT D ASPHALT

BRIDGE NOTES:  
BRIDGE OVER WILHITE CREEK (L.M. 7.70) IS TO BE LEFT AS IS.

BRIDGE OVER BRANCH (L.M. 12.00) IS TO BE PAVED WITH ½" TH. 411-03.12 ACS  
MIX (PG64-22) (BPMLC-HM) THIN LIFT D ASPHALT OR ½" TH. 411-03.07 ACS  
MIX (PG64-22) THIN LIFT ASPHALT

BRIDGE OVER YELLOW BREECHES CREEK (L.M. 13.61) IS TO BE PAVED WITH ½" TH. 411-03.12 ACS  
MIX (PG64-22) (BPMLC-HM) THIN LIFT D ASPHALT OR ½" TH. 411-03.07 ACS  
MIX (PG64-22) THIN LIFT ASPHALT



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS AND  
PAVEMENT  
SCHEDULE