

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	2A

YEAR	PROJECT NO.	SHEET NO.
2025	STP/HSIP-246(7)	ROADWAY-SIGN 2

REV. 01-27-25: ADDED SHEET.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

WILLIAMSON COUNTY

STATE ROUTE 246
FROM: MAURY COUNTY LINE (L.M. 0.00)
TO: MILE END ROAD (L.M. 9.67)

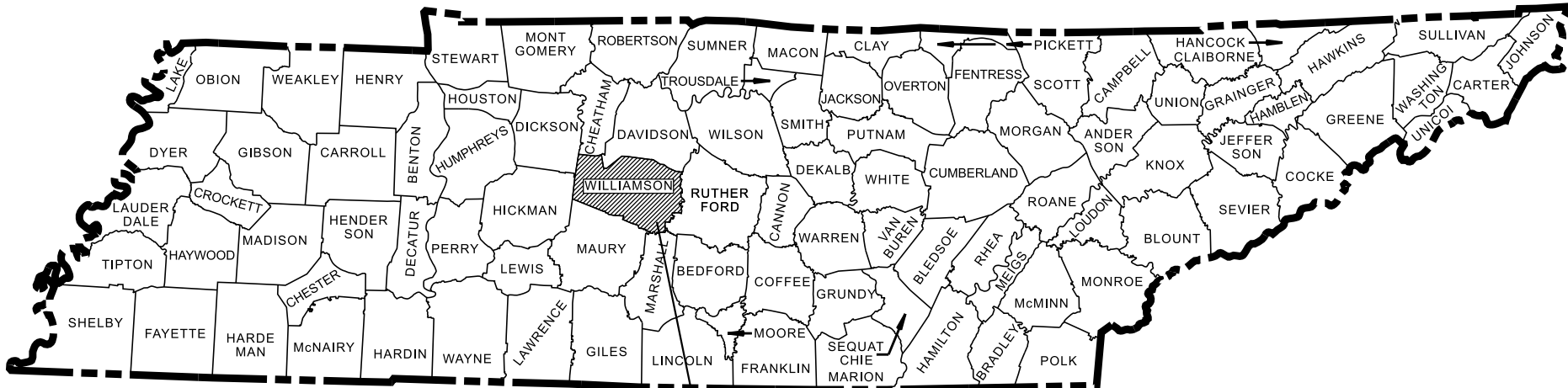
RESURFACE
MILL, BM & 411D OVERLAY AND PAVEMENT MARKINGS

STATE HIGHWAY NO. 246 F.A.H.S. NO. N/A

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-246(7)	
STATE PROJ. NO.	94S246-F3-002	
STATE PROJ. NO.	94S246-F8-002	

REV. 01-27-25: REVISED PROJECT DESCRIPTION.

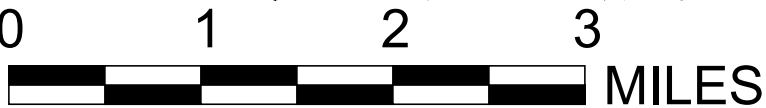


PROJECT LOCATION
BRIDGE ID. # 94S61810001 94S62490007 94S62490001
94S62490009 94S62490003 94S62490005

NO EXCLUSIONS



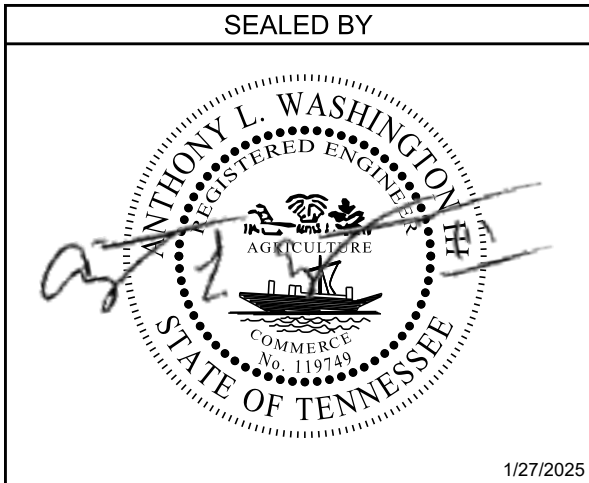
SCALE: 1" = 5280'



PROJECT LENGTH 9.67 MILES
TOTAL LANE MILES RESURFACED 19.34 MILES

TRAFFIC COUNTER & WEATHER STATIONS	
STATION LOCATION	LOG MILE
TC STATION 070	3.367
TC STATION 026	8.832

TRAFFIC DATA	
ADT (2025)	6656
POSTED SPEED LIMITS	
L.M. 0.00 - L.M. 4.28	30 MPH
L.M. 4.28 - L.M. 9.25	50 MPH
L.M. 9.25 - L.M. 9.67	40 MPH



APPROVED: 
WILL REID, CHIEF ENGINEER

DATE:

APPROVED: 
HOWARD H. ELEY, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

STP/HSIP-246(7)
94S246-F3-002
END PROJECT NO. 94S246-F8-002 RESURFACE
L.M. 9.67

STP/HSIP-246(7)
94S246-F3-002
BEGIN PROJECT NO. 94S246-F8-002 RESURFACE
L.M. 0.00

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 : KONNER SPRADLIN, P.E.

DESIGNED BY : HDR ENGINEERING, INC.

DESIGNER : ANTHONY L. WASHINGTON, III, P.E. CHECKED BY DAVID HORNE, P.E.

P.E. NO. 98034-4283-04

PIN NO. 131261.00

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	2A
GENERAL NOTES	2B
SPECIAL NOTES	2C
ENVIRONMENTAL NOTES	2D, 2D1
TABULATED QUANTITIES	2E
NOTE: THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.	
NO PROJECT COMMITMENTS SHEETS INCLUDED IN THIS SET OF PLANS.	
NO UTILITY SHEETS INCLUDED IN THIS SET OF PLANS.	

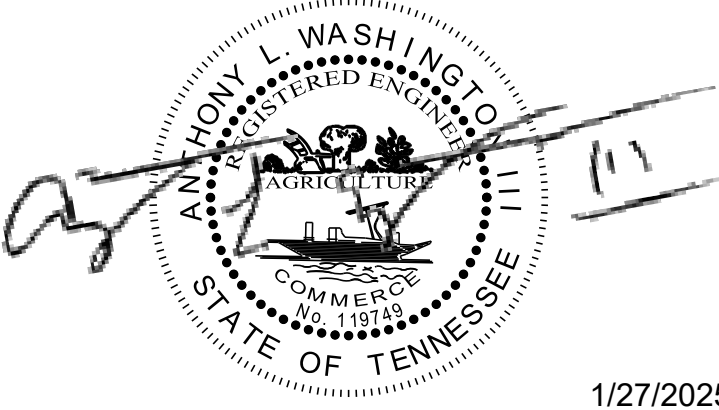
STANDARD ROADWAY DRAWINGS

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
SAFETY DESIGN AND GUARDRAILS		
S-GR31-1	06-15-21	GUARDRAIL DETAILS
S-GR31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
S-GR31-1B		GUARDRAIL FASTENING HARDWARE
S-GR31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS
S-GR31-1D	03-01-23	GUARDRAIL POST PLACEMENT IN ROCK
S-GRS-4	05-04-22	SPECIAL CASE GUARDRAIL HEIGHT TRANSITION DETAIL
S-GRT-3	06-28-19	TYPE 21 GUARDRAIL END TERMINAL
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-16	07-30-24	RUMBLE STRIPE INSTALLATION LAYOUT
T-M-16A	02-03-20	RUMBLE STRIPE DETAILS FOR EDGE OF PAVEMENT AND CENTERLINE
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-246(7)	1A

REV. 01-27-25: ADDED ROADWAY-SIGN 2 TO INDEX.

SEALED BY



1/27/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

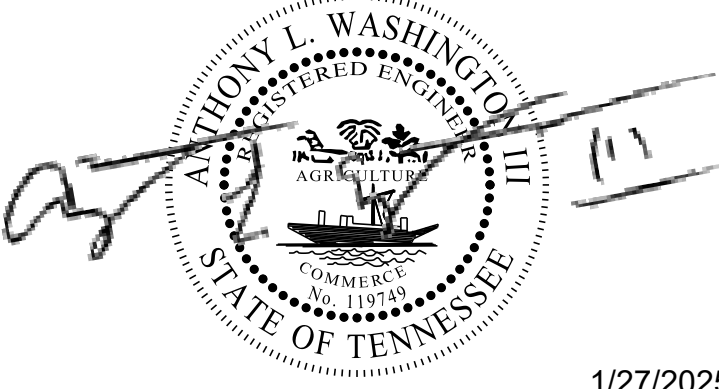
ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSP-246(7)	2

REV. 01-27-25: REVISED QUANTITIES FOR PAY ITEMS 307-01.08, 403-01, 415-01.01. REVISED FOOTNOTES 3, 4 AND 6.

FOOTNOTES	
(1)	TO BE USED AS DIRECTED BY THE ENGINEER. NO DIRT OR DEBRIS TO BE LEFT ON SHOULDER. THIS WORK TO BE PERFORMED BEFORE ALL OTHER OPERATIONS.
(2)	TO BE USED AS DIRECTED BY THE ENGINEER.
(3)	INCLUDES 192 TONS COUNTY ROADS.
(4)	INCLUDES 3 TONS FOR DRIVEWAYS, COUNTY ROADS, FIELD ENTRANCES, AND BUSINESS ENTRANCES.
(5)	INCLUDES 304 TONS FOR DRIVEWAYS, COUNTY ROADS, FIELD ENTRANCES, AND BUSINESS ENTRANCES.
(6)	INCLUDES 468 TONS FOR DRIVEWAYS, COUNTY ROADS, FIELD ENTRANCES, AND BUSINESS ENTRANCES.
(7)	SEE GUARDRAIL TABULATION ON SHEET 2E.
(8)	THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
(9)	THE CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF CONSTRUCTION SIGNS. IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORARILY DESIGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING APPORVED BY THE ENGINEER. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06 SIGNS (CONSTRUCTION).
(10)	ITEM TO BE USED AS PERMANENT MARKING ONLY. INLCUDES 7% PASSING, 13% PASSING ON ONE SIDE AND 80% NO PASSING.
(11)	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.
(12)	ALL STOP BARS ON SIDE STREETS WILL BE RETRACED AS DIRECTED BY THE ENGINEER.
(13)	ITEM TO BE USED AS TEMPORARY PAVEMENT MARKING ONLY.

SEALED BY



1/27/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

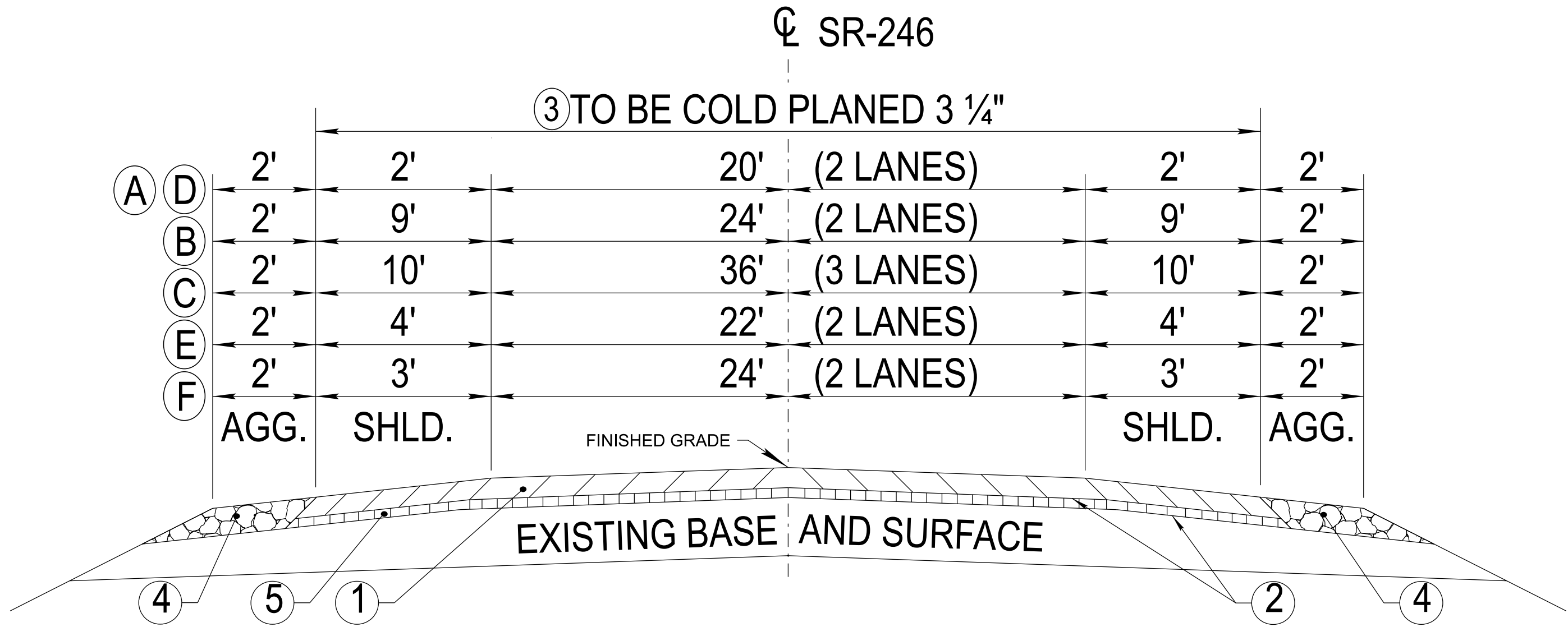
ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	QUANTITY	TOTAL QUANTITY
			94S246-F8-002	94S246-F3-002	
(1)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	19.4	19.4
(2)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	2560	2560
(3)	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	18527	18527
(4)	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	144	144
(5)	411-01.10	ACS MIX (PG64-22) GRADING D	TON	10763	10763
	411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.	8.6	8.6
	411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	L.M.	6.6	6.6
(6)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	28152	28152
(7)	705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	EACH	1	1
(7)	705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	EACH	1	1
(7)	706-01	GUARDRAIL REMOVED	L.F.	50	50
(8)	712-01	TRAFFIC CONTROL	LS	1	1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	50	50
(9)	712-06	SIGNS (CONSTRUCTION)	S.F.	2508	2508
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	664	742
	716-01.22	SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR) (1 COLOR)	EACH	29	29
	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	771	771
(10)(11)	716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	41	41
(10)(11)(12)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	243	293
(10)(11)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	7	7
(10)(11)	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	220	220
(10)(11)	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.2	0.2
(13)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	36.9	36.9
(10)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	36.9	36.9
	717-01	MOBILIZATION	LS	1	1

THERE ARE NO PROJECT COMMITMENTS ON THIS PROJECT

THERE ARE NO UTILITY ADJUSTMENTS ON THIS PROJECT

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-246(7)	2A

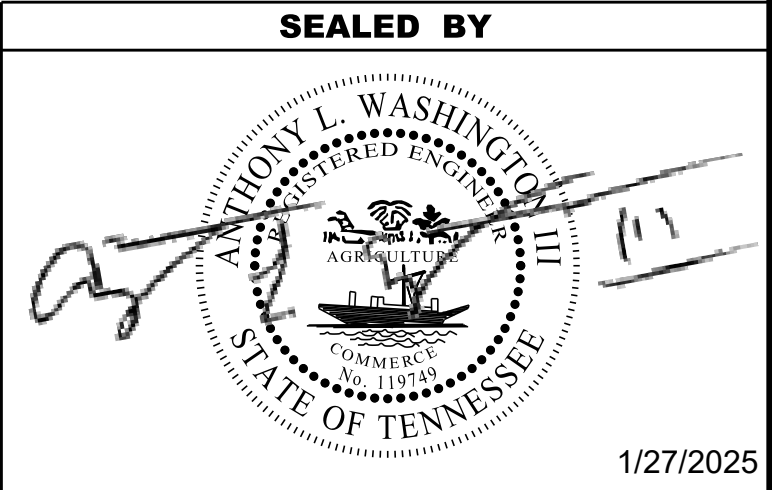
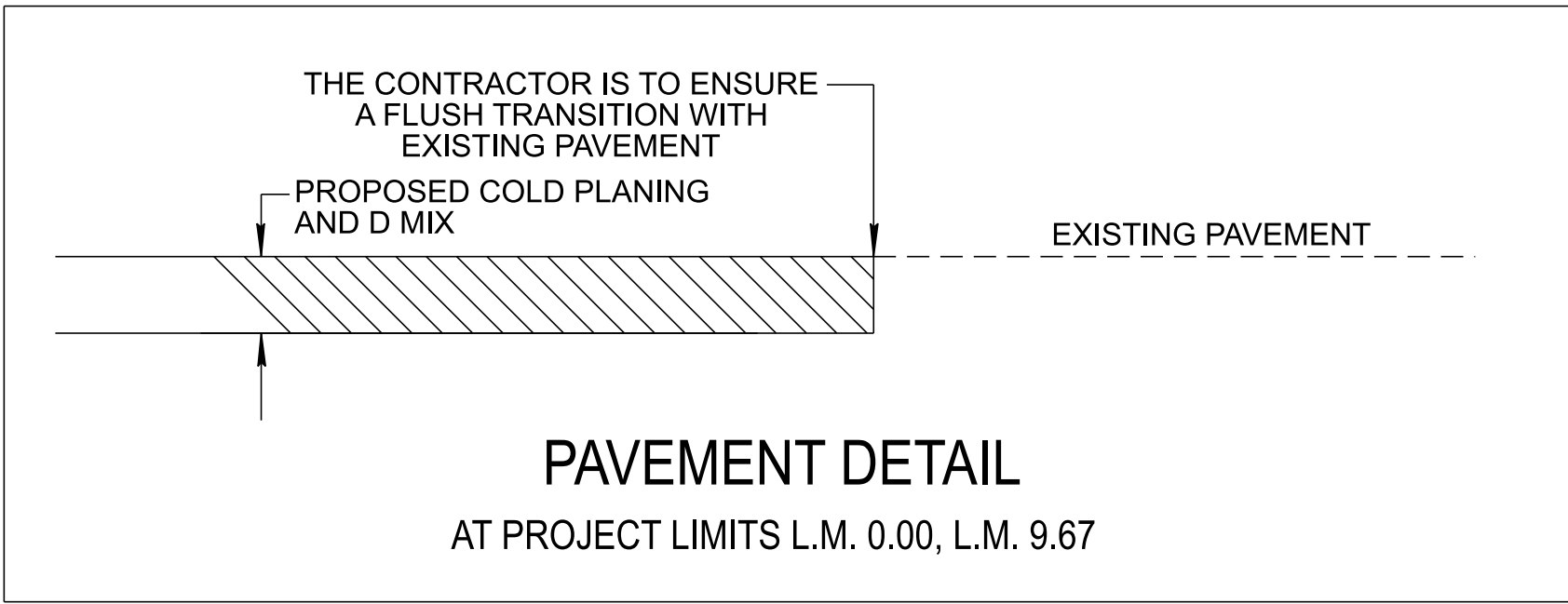
REV. 01-27-25: REVISED PROPOSED PAVEMENT SCHEDULE AND TYPICAL SECTION. REMOVED SPOT LEVELING DETAIL.



SR-246
TYPICAL SECTION

- ① L.M. 0.00 TO L.M. 2.92
② L.M. 2.92 TO L.M. 2.98
③ L.M. 2.98 TO L.M. 3.32
④ L.M. 3.32 TO L.M. 4.25
⑤ L.M. 4.25 TO L.M. 5.43
⑥ L.M. 5.43 TO L.M. 9.67

PROPOSED PAVEMENT SCHEDULE	
①	SURFACE @ 1.25" THICK (132.5 LB/S.Y.) 411-01.10 ACS MIX (PG64-22) GRADING D (TON)
②	TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (TON) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
③	COLD PLANING @ 3.25" THICK (341.25 LB/S.Y.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT (TON)
④	MINERAL AGGREGATE (2" DEPTH) 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
⑤	BITUMINOUS BASE COURSE (BINDER) @ 2.00" ± THICK (APPROX. 226.0 LBS/S.Y.) 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "B-M2"



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE