

Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

RUTHERFORD COUNTY

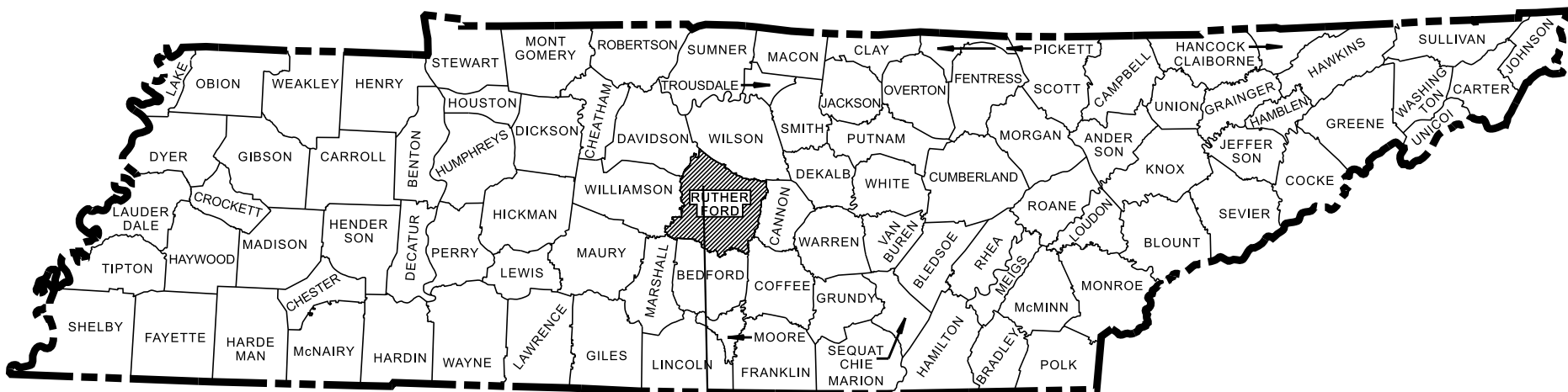
STATE ROUTE 1
FROM NORTH OF FLORENCE ROAD (L.M. 9.80)
TO SR-268 (L.M. 14.10)

RESURFACE & SAFETY
MILL, 411D, 411E (SHOULDERS), GUARDRAIL AND PAVEMENT MARKINGS

STATE HIGHWAY NO. 1 F.A.H.S. NO. 41/70S

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

TENN.	YEAR	SHEET NO.
	2025	1
STATE PROJ. NO.	75S001-S8-008	



PROJECT LOCATION
BRIDGE ID. # 75SR0010009 75SR0010010

BEGIN PROJECT NO. 75S001-S8-008 RESURFACE & SAFETY
L.M. 9.80

CSX TRANSPORTATION (CSXT) CROSSING #349260L
SR-1 L.M. 13.68
CSXT (00J 0028.960)
LAT: 35.88116 LONG: -86.42944

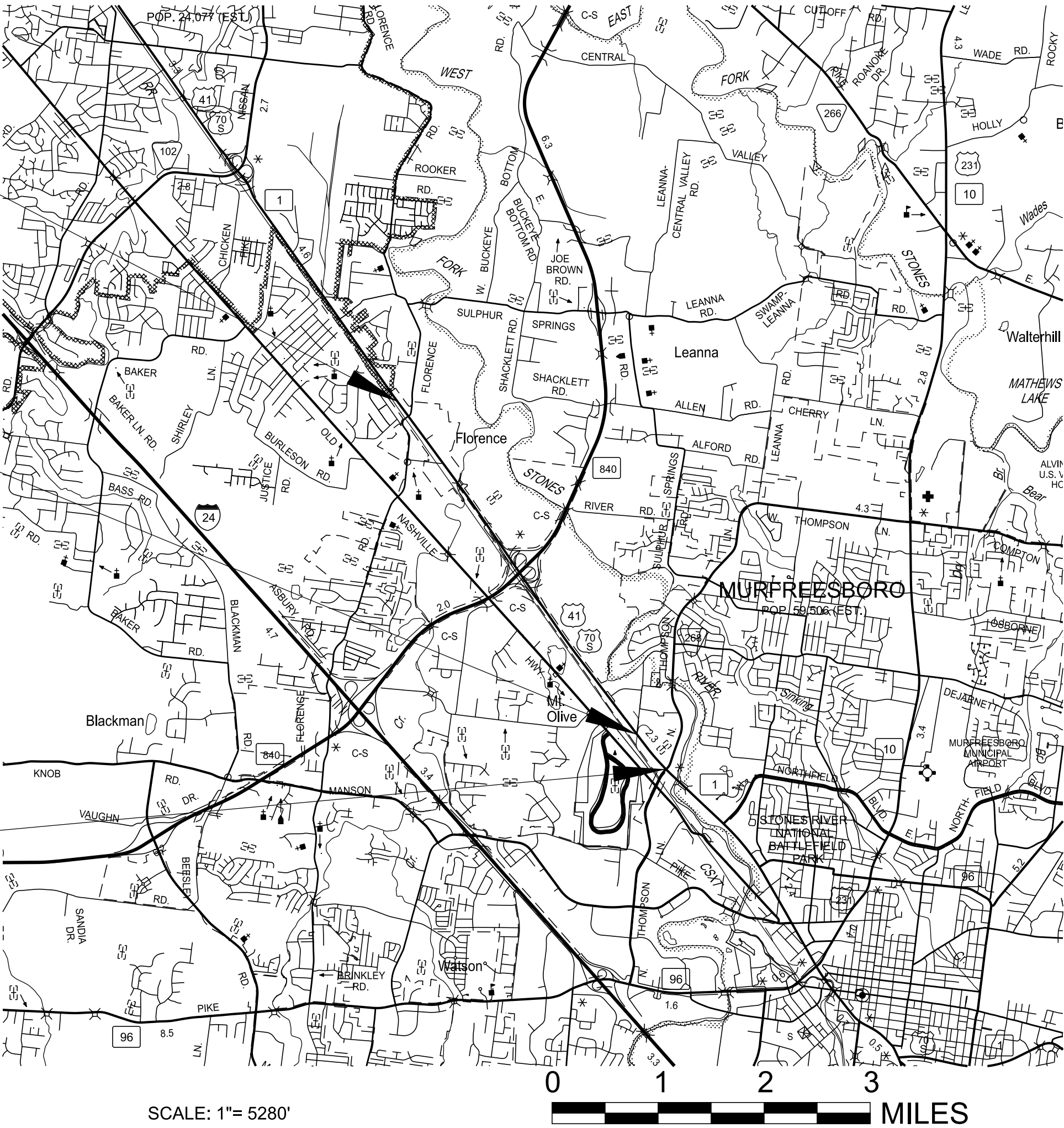
END PROJECT NO. 75S001-S8-008 RESURFACE & SAFETY
L.M. 14.10

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. 98034-4299-04 (DESIGN)
PIN NO. 135037.00



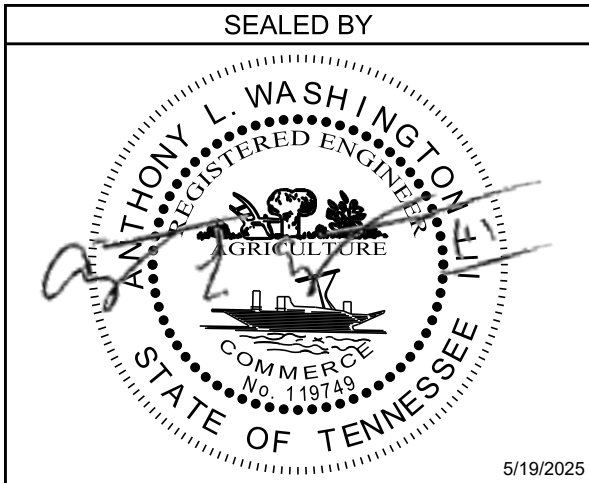
PROJECT LENGTH 4.28 MILES
TOTAL LANE MILES RESURFACED 17.12 MILES

TRAFFIC COUNTER &
WEATHER STATIONS

STATION LOCATION	LOG MILE
TC STATION 39	13.886

TRAFFIC DATA

ADT (2025)	45,855
POSTED SPEED LM 9.80 - 13.14	55 MPH
POSTED SPEED LM 13.14 - 14.10	45 MPH



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

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	2A
GENERAL NOTES.....	2B
SPECIAL NOTES.....	2C, 2C1
UTILITY OWNERS.....	2C2
ENVIRONMENTAL NOTES.....	2D, 2D1
TABULATED QUANTITIES	2E
RAILROAD CROSSING DETAILS	2F, 2F1
PAVEMENT MARKING IMPROVEMENTS.....	2F2 – 2F10
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 IN THIS SET OF PLANS	

STANDARD ROADWAY DRAWINGS

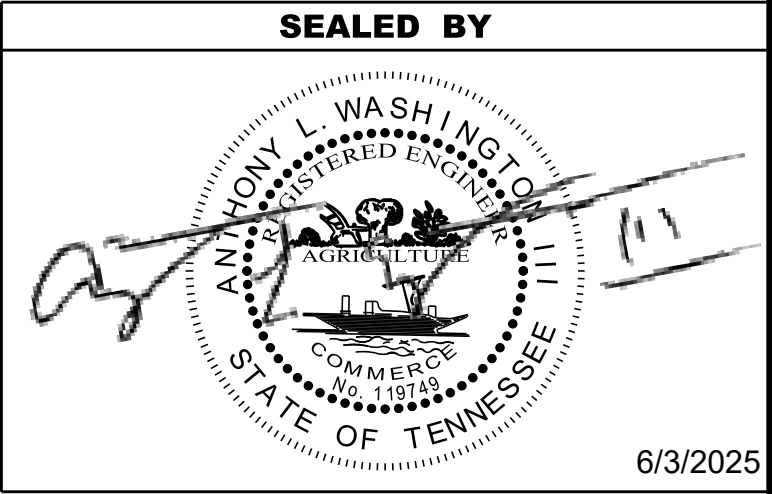
DWG.	REV.	DESCRIPTION
STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
SAFETY DESIGN AND GUARDRAILS		
S-GR31-1	06-15-21	GUARDRAIL DETAILS
S-GR31-1A	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-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR

STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
SIGNS		
T-S-11	06-06-11	DELINEATOR AND MILEPOST DETAILS
T-S-16	07-02-15	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-19	06-12-20	STANDARD STEEL SIGN SUPPORTS
T-S-20	07-11-17	SIGN DETAILS
SIGNALS		
T-SG-2	06-27-16	LOOP LEAD-INS, CONDUIT AND PULL BOXES
T-SG-3	07-11-17	STANDARD NOTES AND DETAILS OF INDUCTIVE LOOPS
RAILROAD CROSSINGS		
T-RR-1	11-01-11	TYPICAL PAVEMENT MARKING AT RAILROAD ACTIVE HIGHWAY GRADE CROSSINGS AND RAILROAD ADVANCE WARNING SIGN
PAVEMENT MARKINGS		
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-5	01-24-25	MARKING DETAIL FOR FREEWAYS
T-M-6	01-24-25	MARKING DETAIL FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-7	01-24-25	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-15A	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
T-M-16	01-24-25	RUMBLE STRIPE INSTALLATION LAYOUT
T-M-16A	01-24-25	RUMBLE STRIPE DETAILS FOR EDGE OF PAVEMENT AND CENTERLINE
T-M-18	01-24-25	FLEXIBLE DELINEATORS
WORK ZONES		
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-18	07-07-23	SHOULDER CLOSURE DETAIL FOR FREEWAYS AND DIVIDED HIGHWAYS
T-WZ-21	05-01-20	LANE CLOSURE WITH LEFT HAND MERGE AND LANE SHIFT.
T-WZ-40	03-05-17	RIGHT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-41	03-05-17	LEFT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-60		FREEWAY RESURFACING SIGNING LAYOUT
T-WZ-63	01-09-24	WORK ZONE IN THE VICINITY OF AN ENTRANCE RAMP
T-WZ-64		WORK ZONE IN THE VICINITY OF AN EXIT
T-WZ-FAB1		FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	1A

REV. 06-03-25: ADDED ROADWAY-SIGN 2 TO 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 75S001-S8-008
(1)(2)	208-01.05 Brooming & Degrassing Shoulders	L.M.	17.2
(2)	303-01 Mineral Aggregate, Type A Base, Grading D	TON	2277
(3)	307-02.08 Asphalt Concrete Mix (Pg70-22) (Bpmb-Hm) Grading B-M2	TON	2000
(4)	403-01 Bituminous Material For Tack Coat (Tc)	TON	89
(5)	411-01.07 Acs Mix (Pg64-22) Grading E Shoulder	TON	2870
(6)	411-01.21 Longitudinal Joint Sealant	L.M.	17.5
(7)	411-02.10 Acs Mix(Pg70-22) Grading D	TON	10566
	411-12.02 Scoring Shoulders (Non-Continuous) (16In Width)	L.M.	6.9
	411-12.04 Scoring For Rumble Stripe (Non-Continuous) (4In Width)	L.M.	6.9
(8)	415-01.01 Cold Planing Bituminous Pavement	TON	14277
	611-01.20 Adjustment Of Existing Manhole	EACH	1
	611-09.01 Adjustment Of Existing Catchbasin	EACH	7
(9)	705-02.10 Guardrail Transition 27In To 31In	EACH	4
(9)	705-04.09 Earth Pad For Type 38 Gr End Treatment	EACH	3
(9)	705-06.10 Gr Terminaltrailing End (Type 13) Mash TI-3	EACH	1
(9)	705-06.20 Tangent Energy Absorbing Term Mash TI-3	EACH	3
(9)	706-01 Guardrail Removed	L.F.	160
(10)	712-01 Traffic Control	LS	1
	712-04.01 Flexible Drums (Channelizing)	EACH	350
	712-05.03 Warning Lights (Type C)	EACH	50
(11)	712-06 Signs (Construction)	S.F.	2601
	712-08.03 Arrow Board (Type C)	EACH	2
	712-08.12 Queue Protection Truck	DAY	120
	713-02.14 Flexible Delineator (White)	EACH	15
(12)	713-02.21 Sign Post Delineation Enhancement	L.F.	72
(13)	713-15.36 Remove Sign, Support & Footing	EACH	10
	713-16.01 Changeable Message Sign Unit	EACH	3
(14)	713-16.20 Signs (R1-1 STOP 36"X36" AT VAN CLEVE LANE)	EACH	1
(14)	713-16.21 Signs (W2-2 Intersection Advance Warning 36"X36")	EACH	2
(14)	713-16.22 Signs (W10-1 Railroad Advance Warning 36")	EACH	4
(14)(15)	713-16.23 Signs (W10-2 Railroad Intersection Advance Warning 36"X36")	EACH	2
(14)(16)	713-16.24 Signs (W10-3 Railroad Intersection Advance Warning 36"X36")	EACH	2
(14)	713-16.25 Signs (W10-4 Railroad Intersection Advance Warning 36"X36")	EACH	1
	716-01.21 Snowplowable Raised Pavement Markers (Bi-Dir) (1 Color)	EACH	120
	716-01.22 Snowplowable Raised Pavment Markers (Mono-Dir)(1 Color)	EACH	159
	716-01.23 Snowplowable Raised Pavement Markers (Bi-Dir)(2 Color)	EACH	765
	716-01.30 Removal Of Snowplowable Reflective Marker	EACH	570
(17)(18)	716-02.03 Plastic Pavement Marking (Cross-Walk)	L.F.	110
(17)(18)	716-02.04 Plastic Pavement Marking(Channelization Striping)	S.Y.	304
(17)(18)(19)	716-02.05 Plastic Pavement Marking (Stop Line)	L.F.	504
(17)(18)	716-02.06 Plastic Pavement Marking (Turn Lane Arrow)	EACH	41
(17)(18)	716-02.07 Plastic Pavement Marking (24" Barrier Line)	L.F.	1784
(17)(18)	716-02.08 Plastic Pavement Marking (8" Dotted Line)	L.F.	2534
(17)(18)	716-02.11 Plastic Pavement Marking (6" Dotted Line)	L.F.	2621
(17)(18)	716-02.12 Plastic Pavement Marking (8In Line)	L.M.	1.5
(17)(18)	716-02.24 Plastic Pavement Marking (12In Dwl)	L.F.	687
(17)(18)	716-03.01 Plastic Word Pavement Marking (Only)	EACH	5
(17)(18)(20)	716-03.02 Plastic Word Pavement Marking (Rxr)	EACH	5
(21)	716-05.20 Painted Pavement Marking (6" Line)	L.M.	21.1
	716-08.01 Removal Of Pavement Marking (Line)	L.F.	1292
(22)	716-09.86 Contrast Pavement Marking 6"	L.M.	0.2
(23)	716-09.94 Contrast Pavement Shadow Marking 6"	L.M.	0.1
(17)	716-12.02 Enhanced Flatline Thermo Pvmnt Mrkng (6In Line)	L.M.	21.1
	717-01 Mobilization	LS	1
	730-14.02 Saw Slot	L.F.	1186
	730-14.03 Loop Wire	L.F.	2872

FOOTNOTES	
(1)	INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET 2B, PAVEMENT MARKINGS, FINAL PAVEMENT MARKING NOTE 6 AND SHEET 2C, PAVEMENT, RESURFACING, NOTE 2.
(2)	TO BE USED AS DIRECTED BY THE ENGINEER.
(3)	TO BE USED AS DIRECTED BY THE ENGINEER FOR SPOT REPAIR.
(4)	INCLUDES 15 TONS FOR DRIVEWAYS, CITY STREETS, BUSINESS ENTRANCES, CROSS OVERS, AND EXTRA WIDTH AREAS.
(5)	INCLUDES 195 TONS FOR DRIVEWAYS, CITY STREETS, BUSINESS ENTRANCES, AND EXTRA WIDTH AREAS.
(6)	USE CRAFCO PAVEMENT JOINT ADHESIVE #34524. PAVON JOINT ADHESIVE BY PAVON CORPORATION OR DENSO TAPE BY DENSO. TO BE USED FOR SEALING OF ALL SURFACE LAYER CONSTRUCTION JOINTS ALONG THE TRAVEL LANES AND SHOULDERS AS DIRECTED BY THE ENGINEER.
(7)	INCLUDES 2208 TONS FOR CROSS OVERS, AND EXTRA WIDTH AREAS.
(8)	INCLUDES 2187 TONS FOR DRIVEWAYS, CITY STREETS, BUSINESS ENTRANCES, CROSS OVERS, AND EXTRA WIDTH AREAS.
(9)	SEE GUARDRAIL TABULATION ON SHEET 2E.
(10)	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.
(11)	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 APPROVED 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).
(12)	INCLUDES 6 LF OF RED SHEETING TO BE INSTALLED ON THE NEW R1-1 SIGN POST AND 66 LF OF YELLOW SHEETING TO BE INSTALLED ON THE NEW W2-2, W10-1, W10-2, W10-3, & W10-4 SIGN POSTS.
(13)	INCLUDES ALL COSTS TO REMOVE EXISTING SIGN, POST AND FOOTING FOR 2@W10-2 AT L.M. 9.87 RT. & L.M. 10.15 LT., 2@W10-3 AT L.M. 10.46 RT. & L.M. 10.61 LT., 2@W10-1 AT L.M. 13.64 RT. & 13.72 LT., 1 @W10-4 ON VAN CLEVE LN., 1 @R1-1 ON VAN CLEVE LN.
(14)	INCLUDES ALL COSTS FOR INSTALLATION OF NEW SIGN, POST, AND FOOTING COMPLETE IN PLACE.
(15)	TO BE INSTALLED AT L.M. 9.87 RT. & L.M. 10.15 LT.
(16)	TO BE INSTALLED AT L.M. 10.46 RT. & L.M. 10.61 LT.
(17)	ITEM TO BE USED AS PERMANENT MARKING ONLY.
(18)	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.
(19)	ALL STOP BARS ON SIDE STREETS WILL BE RETRACED AS DIRECTED BY THE ENGINEER.
(20)	INCLUDES 1 EACH TO BE PLACED ON RAILROAD APPROACH ON FLORENCE ROAD.
(21)	ITEM TO BE USED AS TEMPORARY MARKING ONLY.
(22)	FOR PERMANENT EDGE LINE MARKING ON CONCRETE SURFACES.
(23)	FOR PERMANENT LANE LINE MARKING ON CONCRETE SURFACES. ITEM COST INCLUDES 10 LF WHITE MARKING AND 10 LF BLACK MARKING.

THERE ARE NO PROJECT COMMITMENTS ON THIS PROJECT

THERE ARE NO UTILITY ADJUSTMENTS ON THIS PROJECT

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2

REV. 06-03-25: REMOVED PAY ITEM 716-09.83.
ADDED PAY ITEM 716-09.86.

SEALED BY

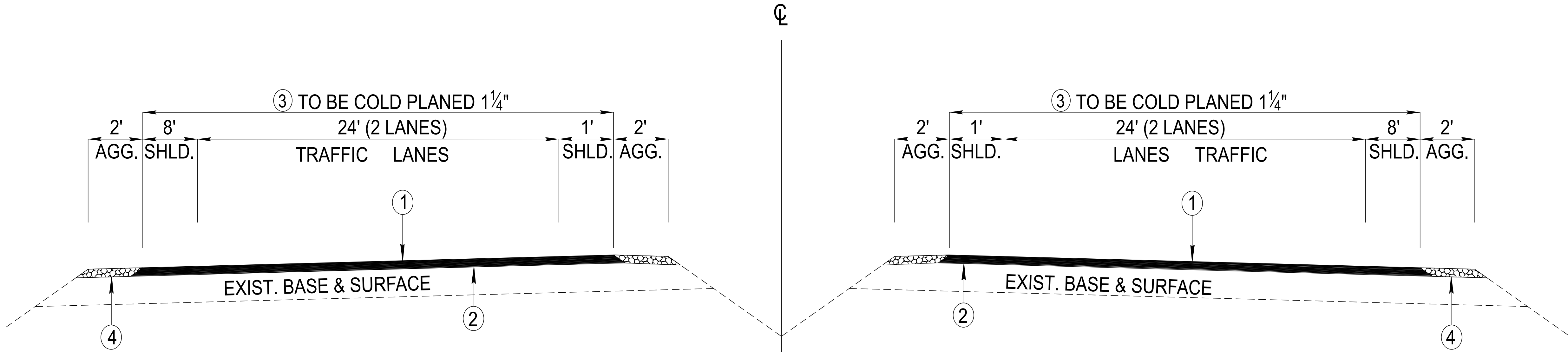


6/3/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

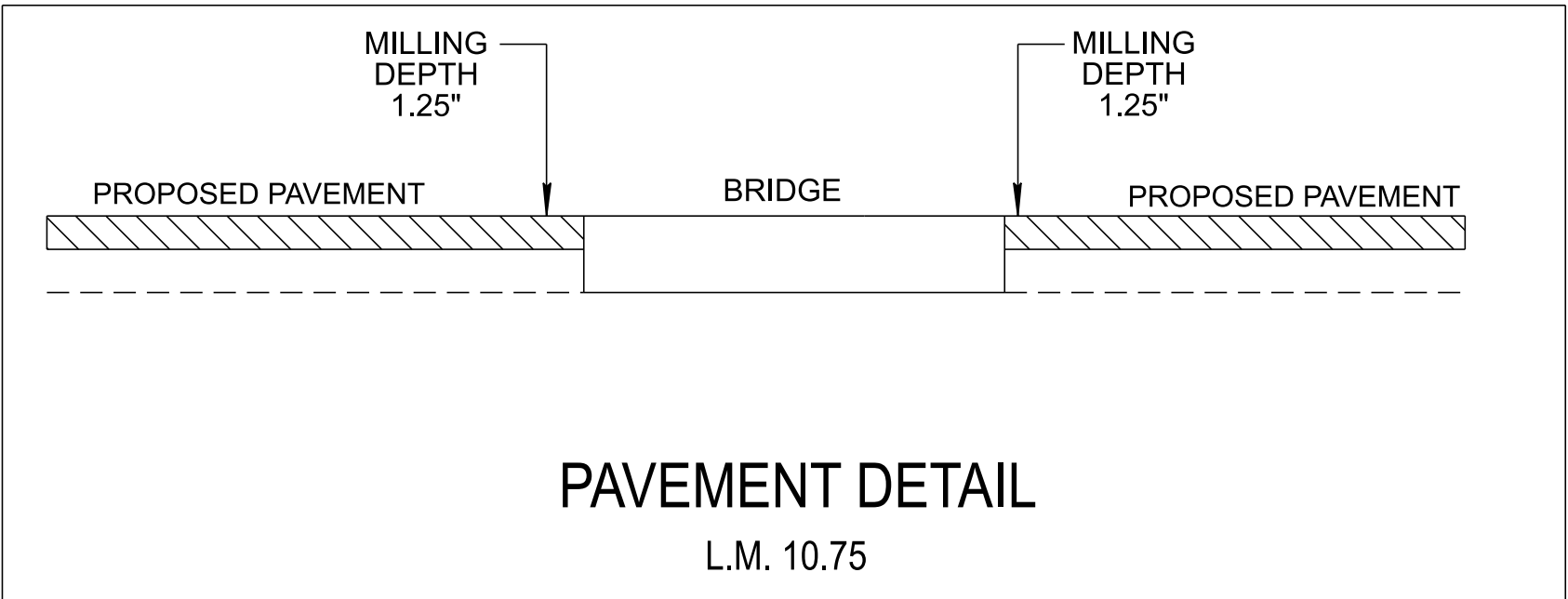
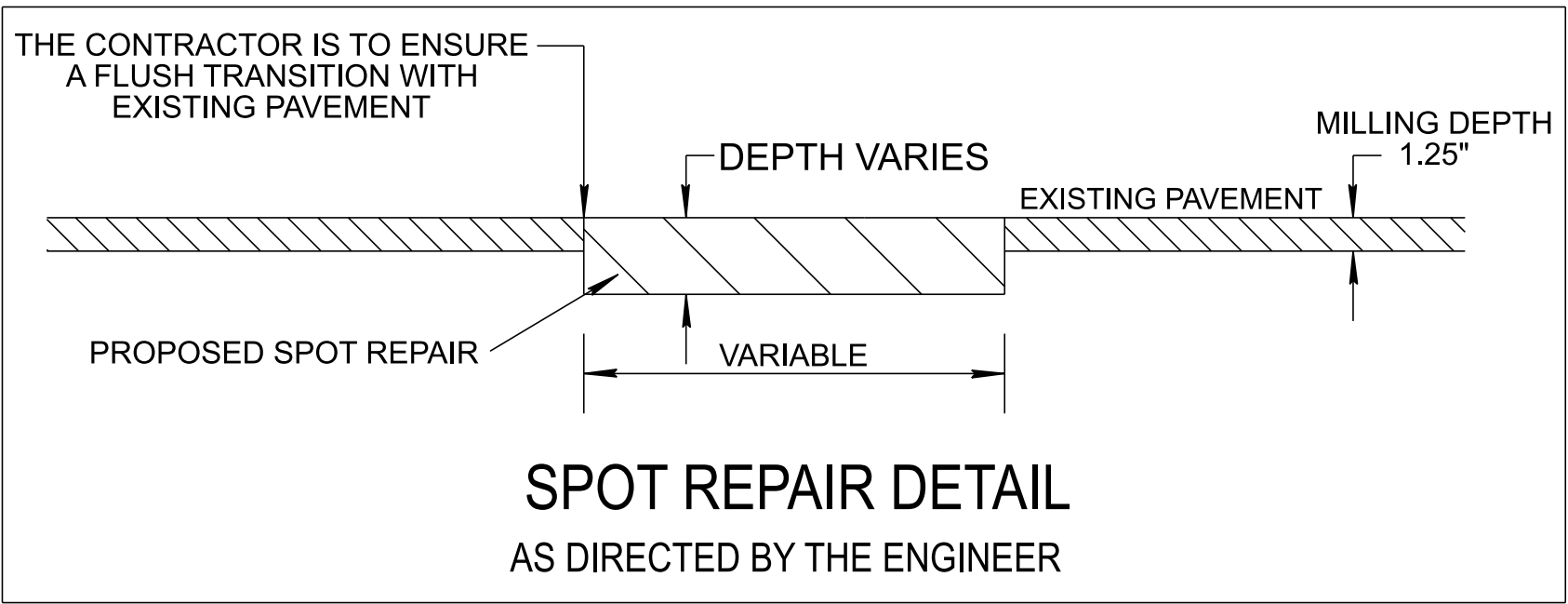
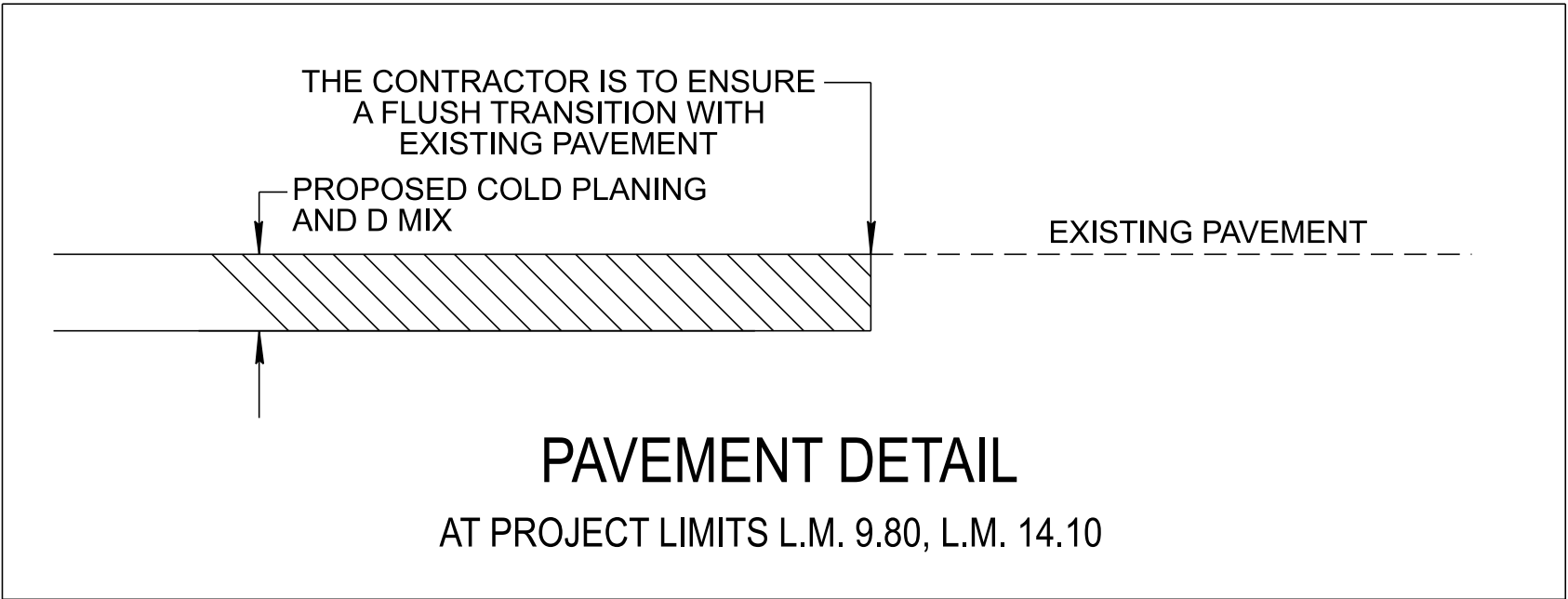
ESTIMATED
ROADWAY
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2A




SR-1
TYPICAL SECTION
L.M. 9.80 TO L.M. 14.10

PROPOSED PAVEMENT SCHEDULE	
①	SURFACE @ 1.25" THICK (132.50 LB/S.Y.) 411-02.10 ACS MIX (PG70-22) 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 @ 1.25" THICK (131.25 LB/S.Y.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT (TON)
④	MINERAL AGGREGATE 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"



BRIDGE DECK RECOMMENDATIONS (RESURFACING)						
BRIDGE NUMBER	LOCATION LOG MILE	CROSSES OVER/UNDER	UNDERPASS VERTICAL CLEARANCE		BRIDGE LENGTH	BRIDGE DECK RECOMMENDATIONS
			NBL	SBL		
75SR0010009	10.75 RT	OVERALL CREEK			285' - 6"	LEAVE AS IS (RESTRIPE EXISTING MARKINGS ONLY)
75SR0010010	10.75 LT	OVERALL CREEK			285' - 6"	LEAVE AS IS (RESTRIPE EXISTING MARKINGS ONLY)
75SR8400029	11.630	RAMP FROM I-840 WB LNS. TO SR-1 N.W. BROAD ST	16' - 11"	17' - 7"		
75SR8400026	11.760	I-840 WB LNS.	44' - 1"	17' - 3"		
75SR8400025	11.790	I-840 EB LNS.	34' - 1"	16' - 2"		
75SR0010047	11.890	RAMP FROM SR-1 N.W. BROAD ST.	18' - 3"	19' - 6"		

SEALED BY



5/19/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE

GENERAL NOTES

GRADING

- (1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- (3) THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) WITHOUT APPROVAL BY FEMA. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.

GUARDRAIL

- (1) THE CONTRACTOR SHALL NOT REMOVE ANY SECTIONS OF EXISTING GUARDRAIL TO REWORK SHOULDERS OR FLATTEN SLOPES UNTIL THE ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO CONSTRUCTION REQUIREMENTS AND THE APPROPRIATE WARNING DEVICES ARE INSTALLED. THE PROPOSED GUARDRAIL, INCLUDING ANY ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION OF PROPOSED GUARDRAL, INCLUDING ANCHORS, UNTIL IT IS COMPLETE IN PLACE.
- (3) IF ANY APPROACH END OF A SECTION OF GUARDRAIL OR BRIDGE RAIL MUST TEMPORARILY BE LEFT INCOMPLETE AND EXPOSED TO TRAFFIC, THE CONTRACTOR SHALL USE TWO (2) TEMPORARY BARRICADES OR DRUMS WITH TYPE "A" LIGHTS AND ROUNDED END ELEMENTS AS MINIMUM MEASURES TO PROTECT TRAFFIC FROM THE HAZARD OF AN EXPOSED END. ALL COST OF FURNISHING AND INSTALLING TEMPORARY BARRICADES OR DRUMS WITH TYPE "A" LIGHTS TO DELINEATE GUARDRAIL END AND A TEMPORARY ROUNDED END ELEMENT SHALL BE INCLUDED IN THE COST OF THE PROPOSED GUARDRAIL END TERMINAL.

MISCELLANEOUS

- (2) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES AND POSTS WHERE AND AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED IN PRICE BID FOR OTHER CONSTRUCTION ITEMS.
- (3) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

- (2) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.20, PAINTED PAVEMENT MARKING (6" LINE), L.M.

FINAL PAVEMENT MARKING

- (6) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:
 - a. BROOMING & DE-GRASSING SHOULDERS SHALL INCLUDE CLIPPING OF MATERIAL INTERFERING WITH PROPER DRAINAGE OF ROADWAY (INCLUDING PAVED AND GRAVEL SHOULDERS), AS DIRECTED BY THE TDOT PROJECT ENGINEER.
 - b. ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
 - c. ALL COSTS ASSOCIATED WITH PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
 - d. REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM THE PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

- (8) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

- (19) REMOVE EXISTING SNOWPLOWABLE MARKERS PRIOR TO PAVING AND/OR COLD PLANING. REMOVE ALL ADHESIVES PRIOR TO PAVING. PATCH ANY HOLES OR DIVOTS RESULTING FROM THE REMOVAL OF A MARKER IN A MANNER WHICH ENSURES A UNIFORM PAVED SURFACE. PATCH WORK SHALL BE INCLUDED WITH COST OF OTHER ITEMS OF CONSTRUCTION.

PAVEMENT

- (2) THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.

RESURFACING

- (4) WHERE DIRECTED BY THE TDOT ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE PLACING MATERIALS. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (5) ALL PUBLIC SIDEROADS SHALL BE PAVED ONE PAVER WIDTH THROUGH THE INTERSECTION AS A MINIMUM. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD OR BUSINESS ENTRANCE SHALL BE PROVIDED. SHOULD THE PAVEMENT OF THE INTERSECTING PUBLIC ROAD BE DISTRESSED, THE RESURFACING WIDTH MAY BE INCREASED TO THE NORMAL RIGHT OF WAY LINE.
- (6) PRIVATE DRIVEWAYS, FIELD ENTRANCES, AND BUSINESS ENTRANCES WILL BE RESURFACED A PAVER WIDTH (LANE WIDTH) AS A MINIMUM. A PAVEMENT TAPER TO TRANSITION THE NEW PAVEMENT SHALL BE REQUIRED, IT SHALL BE BASED ON AN ADDITIONAL ONE FOOT OF WIDTH PER ONE INCH DEPTH OF PAVEMENT. IF THE SHOULDER IS NARROW ENOUGH THAT THE SUM OF THE SHOULDER AND THE TRANSITION ARE LESS THAN A PAVER WIDTH, THE TRANSITION SHALL OCCUR WITHIN THE PAVER WIDTH. IF THE SUM OF THE SHOULDER AND THE TRANSITION IS GREATER THAN A PAVER WIDTH (LANE WIDTH), THE TRANSITION SHALL OCCUR OUTSIDE OF THE PAVER WIDTH.
- (9) IN ALL CASES, THE LENGTH OF THE PAVEMENT TRANSITION, THE THICKNESS AND WIDTH OF THE RESURFACING AND ANY ADDITIONAL PAVEMENT MATERIALS SHALL BE AS DIRECTED BY THE TDOT ENGINEER.

SIGNING

- (2) FOR ALL PERMANENT PANEL SIGNS WITH A SILVER-WHITE, YELLOW, RED, GREEN, BROWN, OR BLUE BACKGROUND, PROVIDE REFLECTIVE SHEETING THAT MEETS OR EXCEEDS AASHTO M268, TYPE D.
- (5) AFTER THE SIGN FOOTINGS HAVE BEEN STAKED, BUT PRIOR TO ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE REGIONAL CONSTRUCTION OFFICE.
- (8) THE EXISTING FOOTINGS ARE TO BE REMOVED 6 INCHES BELOW GROUND LINE.
- (11) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS.
- (12) ALL SIGNS WHICH INTERFERE WITH CONSTRUCTION WILL BE RELOCATED OUTSIDE LIMITS OF CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL RESTORE THE SIGNS TO ORIGINAL LOCATION. THE CONTRACTOR SHALL CHECK WITH THE REGIONAL TRAFFIC ENGINEER PRIOR TO MOVING ANY PERMANENT SIGNS.
- (13) AFTER THE PERMANENT SIGN LOCATIONS HAVE BEEN STAKED, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE CONSTRUCTION FIELD OFFICE. PAYMENT FOR LOCATION AND STAKING SHOULD BE INCLUDED IN THE BID PRICE FOR OTHER ITEMS OF CONSTRUCTION. ANY RELOCATION REQUIRED, DUE TO THE SIGN NOT BEING INSTALLED IN THE CORRECT LOCATION, WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

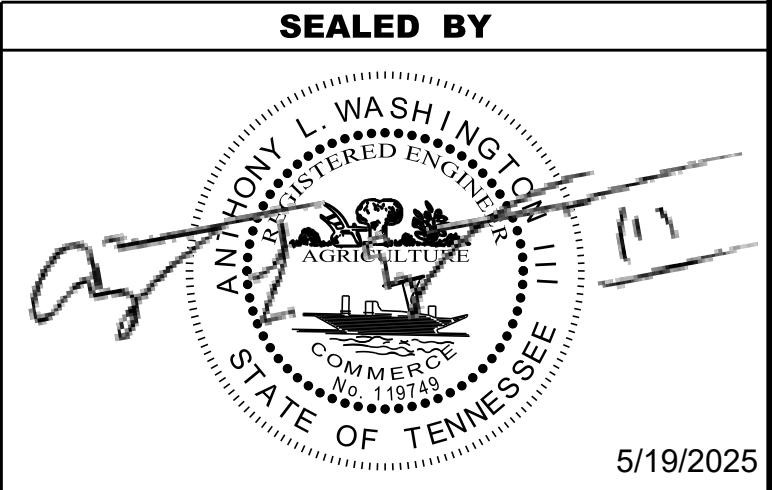
SIGNALIZATION

- (13) LOOPS SHALL BE INSTALLED IN THE LEVELING COURSE IF A LEVELING COURSE IS PROVIDED.
- (14) LOOP REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
- (2) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- (3) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- (4) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- (5) USE OF BARRICADES, PORTABLE BARRIER RAILS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (6) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADTS LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (7) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (9) THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING CONSTRUCTION SIGNS. THE COST OF THIS WORK SHALL BE INCLUDED IN ITEM NO. 712-06, SIGNS (CONSTRUCTION), S.F.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2B



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL
NOTES

SPECIAL NOTES

MISCELLANEOUS

- (1) THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN WORKING AROUND EXISTING GUARDRAIL, HIGHWAY SIGNS, OR ANY DEPARTMENT OF TRANSPORTATION STRUCTURE TO AVOID DAMAGE DURING THE COURSE OF CONSTRUCTION. ANY DAMAGE WILL BE REPLACED OR REPAIRED AT HIS OWN EXPENSE.
- (2) ALL SIGNING AND PAVEMENT MARKINGS ARE TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

PAVEMENT MARKINGS

- (2) THE CONTRACTOR IS TO PROVIDE THE LAYOUT OF ALL EXISTING PAVEMENT MARKINGS BEFORE BEGINNING THE RESURFACING PROJECT. EXISTING MARKINGS SHALL BE REFERENCED AAS NEEDED TO ENSURE THAT ALL NEW MARKINGS ARE REPLACED IN THEIR CORRESPONDING LOCATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

PAVEMENT

PAVING

- (4) SURFACE TO BE CROWNED AS DIRECTED BY THE ENGINEER.

RESURFACING

- (2) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:
 - A. BROOMING & DEGRASSING SHALL INCLUDE NOTCHING THE GRAVEL SHOULDER PRIOR TO MILLING. THE NOTCH SHALL BE 1.5 IN DEEP AND 2 FT WIDE, OR AS DIRECTED BY THE TDOT PROJECT ENGINEER.
 - B. ALL MATERIAL FROM NOTCHING AND BROOMING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
 - C. ALL COSTS ASSOCIATED WITH NOTCHING, PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
- (5) DURING COLD PLANING OPERATION, A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION WILL REMAIN OPEN.
- (6) AFTER ANY COLD PLANING OPERATION, TEMPORARY STRIPING WILL BE REQUIRED BEFORE RETURNING ANY TRAFFIC ONTO EXCAVATED ROADWAY.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) ANY WORK REQUIRING LANE CLOSURES INCLUDING PAVEMENT MARKING OPERATIONS SHALL BE DONE AT NON-PEAK HOURS UNLESS OTHERWISE DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
- (2) THE CONSTRUCTION SIGNS, FLAGMEN AND OTHER TRAFFIC CONTROL DEVICES WILL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (3) ONE ADVANCE ROAD CONSTRUCTION AHEAD SIGN IS TO BE PLACED IN ALL LOCAL SIDE ROADS PRIOR TO THEIR INTERSECTION WITH THE PROPOSED PROJECT. LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OR CONTRACTORS' SUPERINTENDENT.

WORK RESTRICTIONS

- (1) CONSTRUCTION ACTIVITIES SHALL NOT INTERFERE WITH SCHOOL OR WORK TRAFFIC EITHER AM OR PM OR AS DIRECTED BY THE ENGINEER.

JOINT SEALANTS

- (1) THE CONTACT SURFACE OF TRANSVERSE JOINTS AND LONGITUDINAL JOINTS IN THE SURFACE LIFT SHALL BE SEALED BY APPLYING JOINT SEALANT PRIOR TO PLACEMENT OF ADDITIONAL ASPHALT AGAINST THE PREVIOUSLY PLACED MATERIAL. MANUFACTURER'S RECOMMENDATIONS SHALL BE FOLLOWED IF THE MATERIAL NEEDS TO BE RE-HEATED, AND WHEN PLACING THE THIN, UNIFORM COAT.
- (3) PRIOR TO APPLICATION OF THE SEALANT, THE FACE OF THE JOINT SHALL BE THOROUGHLY DRY AND FREE FROM DUST OR ANY OTHER MATERIAL THAT WOULD PREVENT PROPER SEALING. ALL JOINTS SHALL BE SWEEPED OR BLOWN FREE OF LOOSE MATERIAL, DIRT, VEGETATION, AND OTHER DEBRIS BY MEANS OF COMPRESSED AIR OR A POWER SWEEPER.

- (4) TRUCK AND VEHICLE TRAFFIC SHALL NOT DRIVE ACROSS A SEALED JOINT UNTIL IT HAS DRIED SUFFICIENT TO PREVENT DAMAGE FROM TRACKING.

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

- (1) DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:
 - 1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:
 - a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
 - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

UTILITIES

- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOOPE STAKES, DITCH OR STREAMBED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- (3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATION AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THE PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.

RAILROAD NOTES

- (1) SURFACE WILL BE FEATHERED TO MATCH EXISTING GRADE AT RAILROAD CROSSING AS DIRECTED BY THE ENGINEER.
- (2) THE CONTRACTOR SHALL COLD PLANE AND RESURFACE THE ROADWAY NEAR AND UNDER THE RAILROAD'S UNDERPASS/BRIDGE STRUCTURE SO AS NOT TO DIMINISH THE EXISTING VERTICAL CLEARANCE BETWEEN THE HIGHEST POINT OF THE ROADWAY PAVEMENT AND THE LOWEST POINT OF THE RAILROAD BRIDGE SUPERSTRUCTURE.
- (3) THE CONTRACTOR SHALL CONDUCT HIS WORK SO AS TO PROTECT THE CSX TRANSPORTATION TRACK FACILITIES AND PROPERTIES FROM ANY DAMAGE. THE WORK SHALL BE DONE IN ACCORDANCE WITH REGULATIONS STIPULATED BY CSX TRANSPORTATION SO TO MAINTAIN CLEARANCE AND NOT INTERRUPT TRAIN TRAFFIC IN ANY MANNER.
- (4) THE CONTRACTOR SHALL NOT, FOR ANY REASON, STORE ANY OF HIS CONSTRUCTION EQUIPMENT OR DUMP WASTE MATERIALS ON THE RAILROAD'S RIGHT-OF-WAY.
- (5) THE CONTRACTOR IS PROHIBITED FROM INSTALLING ANY CONSTRUCTION SIGNS, MESSAGE BOARDS, ARROW BOARDS AND/OR OTHER TEMPORARY TRAFFIC CONTROL SIGNS OR DEVICES WITHIN THE RAILROAD'S RIGHT-OF-WAY. IN ALL CASES, THESE SIGNS AND DEVICES MUST NEVER BE PLACED IN A POSITION SO AS TO OBSTRUCT THE VIEW OF ANY ADVANCE WARNING DEVICES SUCH AS CROSSBUCK SIGNS, CROSSING SIGNALS, ETC.
- (6) THE CONTRACTOR SHALL NOTIFY AND COORDINATE HIS WORK AT THE RAILROAD CROSSING WITH THE FOLLOWING REPRESENTATIVE OF THE RAILROAD:

CSX

CSXT GENERAL ENGINEERING CONSULTANT DESIGNATE

CROUCH ENGINEERING, INC.

MR. SCOTT VICK, P.E. PROJECT DIRECTOR

CSX TRANSPORTATION INC.

5115 MARYLAND WAY, SUITE 225


BRENTWOOD, TN 37027

PHONE: (615) 791-0630

E-MAIL: SVICK@CROUCHENGINEERING.COM
- (7) ALL WORK ON, OVER, UNDER OR ADJACENT TO CSXT RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH CSXT SPECIAL PROVISIONS. SEE AGREEMENT/STATE CONTRACT SPECIAL PROVISIONS 105C FOR CSXT REQUIREMENTS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2C

SEALED BY



5/19/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL
NOTES

SPECIAL NOTES (CONT.)

CSX

- (1)

COMPLY WITH THE CONSTRUCTION SUBMISSION CRITERIA OF THE CSXT PUBLIC INFORMATION DOCUMENT AND CONSTRUCTION REQUIREMENTS OF THE PUBLIC PROJECTS MANUAL, WHICH IS AVAILABLE AT THE FOLLOWING URL: <https://www.csx.com/index.cfm/about-us/property/>
- (2)

ALL WORK IN THE FRA RED ZONE (WITHIN 4 FEET FROM OUTSIDE OF THE RAIL ON EACH SIDE OF THE TRACK) WILL BE ALLOWED ONLY WITH A CSXT, FRA QUALIFIED FLAGMAN OR WATCHMAN AS SPECIFIED BY THE LOCAL ENGINEERING REPRESENTATIVE.
- (3)

ALL WORK BEYOND 4 FEET FROM THE OUTSIDE RAILS AND WITHIN 25 FEET MUST BE DONE UNDER THE SUPERVISION OF A QUALIFIED INSPECTOR OR CSXT FLAGMAN.
- (4)

CERTAIN TYPES OF WORK DONE BEYOND 25 FEET FROM THE OUTSIDE OF THE RAILS, AND WITH EQUIPMENT THAT WILL NOT REACH BEYOND THIS POINT, MAY BE DONE WITHOUT FLAGGING PROTECTION OR A WATCHMAN. THIS MUST BE APPROVED BY THE LOCAL ENGINEERING REPRESENTATIVE, THE AREA MUST BE PROTECTED BY A CONSTRUCTION FENCE, AND THE WORK MUST BE STATIONARY
- (5)

ALL WORKERS WILL REMAIN OFF THE TRACKS. IF NECESSARY TO PERFORM THE WORK ON TRACK, PROTECTION WILL BE PROVIDED AS STATED ABOVE.
- (6)

ALL WORKERS MUST COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THOSE OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE FEDERAL RAILROAD ADMINISTRATION (FRA).
- (7)

AT LEAST THIRTY (30) DAYS ADVANCED NOTIFICATION MUST BE GIVEN TO THE RAILROAD REPRESENTATIVE, TO SCHEDULE A RAILROAD FLAGMAN.
- (8)

THE CONTRACTOR MAY NOT USE CSXT RIGHT-OF-WAY, FOR STORAGE OF MATERIALS OR EQUIPOMENT, WITHOUT PRIOR WRITTEN APPROVAL FROM CSXT.
- (9)

THE CONTRACTOR SHALL CONDUCT ITS WORK AT ALL TIMES, IN A MANNER WHICH WILL PROTECT CSXT'S PROPERTY AND TRACK FACILITIES FROM DAMAGE AND WITHOUT INTERRUPTION TO TRAIN OPERATIONS
- (10)

PRIOR TO THE INSTALLATION OF ANY SIGNAGE WITHIN CSXT RIGHT-OF-WAY, CONTRACTORS MUST CONTACT THE RAILROAD'S REPRESENTATIVE FOR LOCATION OF ALL UNDERGROUND SIGNAL UTILITIES.
- (11)

THE CONTRACTOR SHALL REPLACE ALL RR ADVANCE WARNING SIGNS, RXR PAVEMENT MARKINGS AND STOP LINES AT APPROACHES TO AT GRADE CROSSINGS, IN ACCORDANCE WITH MUTCD GUIDELINES.
- (12)

THE FINISHED ROADWAY SURFACE SHALL BE AT THE SAME ELEVATION AS THE RAILROAD CROSSING SURFACE, FOR A DISTANCE OF 30' ON EACH SIDE OF TRACK(S).
- (13)

ANY VIOLATION OF ANY CSXT RULES, REGULATIONS OR POLICIES, MAY RESULT IN REMOVAL OF CONTRACTOR PERSONNEL FROM THE RIGHT-OF-WAY.
- (14)

NO CRANE OR BOOM EQUIPMENT SHALL BE ALLOWED TO SET UP TO WORK OR PARK WITHIN BOOM DISTANCE PLUS 15 FEET OF THE CENTERLINE OF TRACK WITHOUT SPECIFIC PERMISSION FROM THE RAILROAD. NO CRANE OR BOOM EQUIPMENT SHALL BE ALLOWED TO FOUL TRACK, WORK WITHIN THE FOUL ZONE, OR LIFT A LOAD OVER THE TRACK WITHOUT FLAGGING PROTECTION AND PERMISSION FOR TRACK TIME FROM THE RAILROAD.
- (15)

ALL WORKMEN AND MACHINE OPERATORS SHALL STAY WITH THEIR MACHINES WHEN CRANE OR BOOM EQUIPMENT IS POINTED TOWARD THE TRACK. ALL CRANES AND BOOM EQUIPMENT SHALL STOP WORK AND CLEAR TRACK WHILE TRAIN IS PASSING. SWINGING LOADS SHALL BE SECURED TO PREVENT MOVEMENT WHILE TRAIN IS PASSING AND NO LOADS SHALL BE SUSPENDED ABOVE A MOVING TRAIN. ALL CRANES AND BOOM EQUIPMENT SHALL BE TURNED AWAY FROM THE TRACK AFTER EACH WORKDAY OR WHENEVER UNATTENDED BY AN OPERATOR.
- (16)

ALL WORK MUST BE STOPPED WHILE TRAINS ARE PASSING WITHIN THE WORK ZONE.
- (17)

"ONE CALL" SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE FIVE (5) DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY.

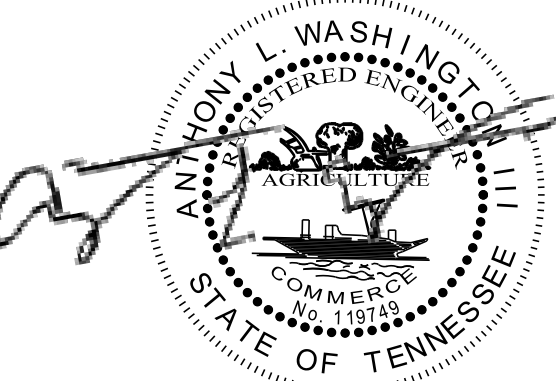
UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE.

- (18)

ALL SOILS EXCAVATED WITHIN CSXT'S RAILROAD RIGHT-OF-WAY SHALL REMAIN ON CSXT'S RIGHT-OF-WAY. TESTING OF SOILS ON CSXT ROW IS PROHIBITED WITHOUT PRIOR WRITTEN CSXT AUTHORIZATION. ANY SOILS EXCAVATED ON CSXT ROW CAN BE REUSED ON THE ROW PROVIDED PLACING SOILS ALONG CSXT ROW POSES NO ADVERSE IMPACTS TO THE EXISTING TERRAIN, DRAINAGE OR ENVIRONMENT. SHOULD SOIL NEED TO BE REMOVED FROM CSXT ROW, THE CSXT ENVIRONMENTAL DEPARTMENT WILL SAMPLE THE SOIL FOR DISPOSITION. SOIL STAGED ON CSXT MUST FOLLOW CSXT PROTOCOL AND BE PROPERLY STORED AND/OR PROTECTED FROM THE ELEMENTS AND POTENTIAL EXPOSURE.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2C1

SEALED BY



5/19/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL
NOTES

UTILITY OWNERS

TELEPHONE/FIBER:

AT&T
116 SOUTH CANNON AVE
MURFREESBORO, TN 37129
CONTACT: KENNETH LEE KORNEGAY
OFFICE PHONE: 615 848 2082
CELL PHONE: 615 631 7221
Email: KK4096@ATT.COM

POWER:

MIDDLE TN ELECTRIC
555 NEW SALEM RD
MURFREESBORO, TN 37129
CONTACT: CHRIS WEAVER
OFFICE PHONE: 615 494 1068
CELL PHONE: 615 566 8035
Email: CHRISWEAVER@MTE.COM

WATER:

CONSOLIDATED UTILITY DISTRICT
709 NEW SALEM HWY
MURFREESBORO, TN 37129
CONTACT: JASON LAXSON
OFFICE PHONE: 615 867 7327
CELL PHONE:
Email: JLAXSON@CUDRC.COM

WATER/SEWER:

MURFREESBORO WATER & SEWER
316 ROBERT ROSE DR
MURFREESBORO, TN 37129
CONTACT: VALERIE SMITH
OFFICE PHONE: 615 848 3200
CELL PHONE:
Email: VSMITH@MURFREESBOROTN.GOV

FIBER OPTIC:

LUMEN (FORMERLY CENTURYLINK)
520 WHALEY ST
COLUMBIA, SC 29201
CONTACT: JOHN BOEDEKER
OFFICE PHONE:
CELL PHONE: 512 334 8351
Email: JOHN.BOEDEKER@LUMEN.COM

TELEPHONE/FIBER:

UNITED COMMUNICATIONS
120 TAYLOR ST
CHAPEL HILL, TN 37034
CONTACT: JONATHAN KNIGHT
OFFICE PHONE:
CELL PHONE: 704 242 4172
Email: JON.KNIGHT@GOUNITED.COM
Email: ENGINEERING@GOUNITED.COM

POWER:

TVA
1101 MARKET ST MR-4G
CHATTANOOGA, TN 37402-2801
CONTACT: STEPHEN WILLIAMS
OFFICE PHONE: 662 255 6272
CELL PHONE:
Email: SEWILLIAMS@TVA.GOV

GAS:

ATMOS ENERGY
810 CRESCENT CENTRE DR, SUITE 600
FRANKLING, TN 37067
CONTACT: TAYLOR SANDERS
OFFICE PHONE: 615 927 1596
CELL PHONE:
Email: TAYLOR.SANDERS@ATMOSENERGY.COM

CABLE:

COMCAST (XFINITY)
660 MAINSTREAM DR
NASHVILLE, TN 37228
CONTACT: KATELYN GROSS
OFFICE PHONE:
CELL PHONE: 615 961 2453
Email: NAS-NASHVILLECONSTRUCTIONBETTERMENTS@COMCAST.COM

FIBER OPTIC

LUMEN (FORMERLY CENTURYLINK)
2530 PERIMETER PLACE DR
NASHVILLE, TN 37214
CONTACT: JEFFREY CANNON
OFFICE PHONE: 615 263 1128
CELL PHONE: 615 419 6617
Email: JEFFREY.CANNON@LUMEN.COM

FIBER OPTIC:

CITY OF MURFREESBORO TRANSPORTATION DEPT.
111 W. VINE ST
MURFREESBORO, TN 37130
CONTACT: RAM BALACHANDRAN
OFFICE PHONE: 615 863 6441
CELL PHONE:
Email: RBALACHANDRAN@MURFREESBOROTN.GOV

FIBER OPTIC:

ZAYO BANDWIDTH
820 FESSLERS PKWY, SUITE 240
NASHVILLE, TN 37210
CONTACT: JAMES BLACK
OFFICE PHONE:
CELL PHONE: 719 216 8508
Email: JAMES.BLACK@ZAYO.COM

CONTACT: TIMOTHY WRIGHT

OFFICE PHONE:
CELL PHONE: 585 490 4793
Email: TIMOTHY.WRIGHT@ZAYO.COM

FIBER OPTIC:

GOOGLE FIBER
1101 McGAVOCK ST, SUITE 200
NASHVILLE, TN 37203
CONTACT: RICK BOLTON
OFFICE PHONE: 629 888 2258
CELL PHONE: 512 949 7428
Email: BOLTONR@GOOGLE.COM
Email: GFIBER-BNA-OSP-ENG@GOOGLE.COM

FIBER OPTIC:


XO COMMUNICATIONS (VERIZON)
101 MOLLOY ST, SUITE 300
NASHVILLE, TN 37201
CONTACT: ERIC S. HAGA
OFFICE PHONE: 615 777 7727
CELL PHONE: 615 289 8280
Email: ERIC.HAGA@VERIZON.COM

CONTACT: DEREK DEE

OFFICE PHONE: 615 777 7727
CELL PHONE: 615 207 1297
Email: DEREK.R.DEE@VERIZON.COM

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2C2

SEALED BY



5/19/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

UTILITY OWNERS

ENVIRONMENTAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

- (4)

THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS AND EPHEMERAL, INTERMITTENT, AND PERENNIAL STREAMS, IS NOT ALLOWED.
- (9)

THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS PRIOR TO ANY CONSTRUCTION AND MAINTENANCE ACTIVITIES TO ENSURE THAT ENVIRONMENTAL FEATURES (E.G., STREAMS, WETLANDS, SPRINGS, ETC.) ARE NOT IMPACTED BEYOND PERMITTED LOCATIONS. IF THE CONTRACTOR OR TDOT INSPECTOR IS UNSURE OF THE IDENTITY OF AN ENVIRONMENTAL FEATURE, THE INSPECTOR SHALL CONTACT THE TDOT REGION ENVIRONMENTAL TECH GROUP IMMEDIATELY.

SPECIES

- (11)

SHOULD CLIFF SWALLOW OR BARN SWALLOW NESTS, EGGS, OR BIRDS (YOUNG AND ADULTS) BE PRESENT, THE CONTRACTOR SHALL CONTACT THE REGIONAL ECOLOGY OFFICE TO DETERMINE IF SEASONAL RESTRICTIONS WILL BE NECESSARY. GENERALLY, BIRDS, NESTS, AND EGGS MAY NOT BE DISTURBED BETWEEN APRIL 15 AND JULY 31. FROM AUGUST 1 TO APRIL 14, NESTS CAN BE REMOVED OR DESTROYED SO LONG AS BIRDS OR EGGS ARE NOT PRESENT, AND MEASURES IMPLEMENTED TO PREVENT FUTURE NEST BUILDING AT THE SITE (I.E., CLOSING OFF AREA USING NETTING).
- (12)

IF THE REMOVAL OF ANY TREES WITH A DIAMETER AT BREAST HEIGHT (DBH) GREATER THAN 3 INCHES IS DEEMED NECESSARY THE TDOT SUPERVISOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION, ECOLOGY SECTION IMMEDIATELY.

PERMITS, PLANS & RECORDS

- (15)

IF A CHANGE IN PROJECT SCOPE OCCURS DURING CONSTRUCTION, INCLUDING VALUE ENGINEERING, THE TDOT PERMIT SECTION SHALL BE CONTACTED TO DETERMINE WHETHER PERMIT REVISIONS ARE NEEDED. THE ENGINEERING PRODUCTION SUPPORT DIVISION SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

- (1)

STAFF FROM THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE SHALL BE INVITED TO ALL PRE-CONSTRUCTION MEETINGS.

ECOLOGY

- (2)

STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR A DESIGNATED CONSULTANT WILL NEED TO BE ONSITE FOR WORK BEING DONE WHICH COULD AFFECT WATERS OF THE STATE/U.S. OR SPECIES.
- (3)

STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS THAT MUST BE FOLLOWED.
- (4)

ALL PROJECTS WITH LEGALLY PROTECTED SPECIES OR CRITICAL HABITAT IDENTIFIED SHALL HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER WATERS OF THE STATE/U.S.

SCOPE OF WORK

- (6)

THIS PROJECT INCLUDES COLD PLANING, RESURFACING, STRIPING, TRAFFIC CONTROL, GUARDRAIL IMPROVEMENTS, SIGNS, AND BROOMING AND DEGRASSING SHOULDERS.

EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

DISTURBED AREA

- (1)

IF DISTURBED ACREAGE IS EQUAL TO ONE ACRE OR MORE, PLEASE CONTACT TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION AS SOON AS POSSIBLE BECAUSE AN NPDES PERMIT WILL BE REQUIRED.

SEDIMENT CONTROL

- (6)

EPSC MEASURES SHALL BE INSTALLED AND FUNCTIONAL PRIOR TO ANY EARTH MOVING OPERATIONS AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES.
- (8)

THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFFSITE MIGRATION OR DEPOSIT OF SEDIMENT OFF THE PROJECT LIMITS (E.G. R.O.W., EASEMENTS, ETC.), INTO WATERS OF THE STATE/U.S., OR ONTO ROADWAYS USED BY THE GENERAL PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFFSITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFFSITE IMPACTS (E.G., FUGITIVE SEDIMENT THAT HAS ESCAPED THE CONSTRUCTION SITE AND HAS COLLECTED IN A STREET MUST BE REMOVED SO THAT IT IS NOT SUBSEQUENTLY WASHED INTO STORM SEWERS AND STREAMS BY THE NEXT RAIN AND/OR SO THAT IT DOES NOT POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS). ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE NEGOTIATED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT.

GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

- (29)

THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS SHALL BE REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFFSITE BY WIND. OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EPSC SHALL BE REMOVED FROM THE SITE.
- (30)

THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION. APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED.
- (31)

CONTRACTORS SHALL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED, NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ONSITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.
- (32)

WHEEL WASH WATER SHALL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER SHALL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM.
- (33)

IF PORTABLE SANITARY FACILITIES ARE PROVIDED ON CONSTRUCTION SITES, SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY REGULATIONS. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.
- (34)

ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ONSITE BY THE CONTRACTOR. THE CONTRACTOR SHALL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR'S RESPONSIBLE PARTY SHALL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL.
- (35)

WHEN POSSIBLE, ALL PRODUCTS SHALL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFFSITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS SHALL BE FOLLOWED.
- (36)

ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.
- (37)

ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.
- (38)


OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.
- (39)

DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.
- (40)

WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ANY AND ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S), CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2D

SEALED BY



5/19/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL
NOTES


ENVIRONMENTAL NOTES (CONT.)

SPILL PREVENTION, MANAGEMENT & NOTIFICATION

- (44) ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE AND SPILLS.
- (45) FOR ALL HAZARDOUS MATERIALS STORED ONSITE, THE MANUFACTURERS RECOMMENDED METHODS FOR SPILL CLEAN UP SHALL BE CLEARLY POSTED. SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.
- (46) APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT SHALL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ONSITE AND UNDER COVER. SPILL RESPONSE EQUIPMENT SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES.
- (47) ALL SPILLS SHALL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- (48) THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.
- (49) IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (E.G. SETTLING PONDS, DETENTION PONDS, SWALES), ACTION SHALL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR SHALL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES.
- (50) FERTILIZERS SHALL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED. ONCE APPLIED, FERTILIZERS SHALL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER.
- (51) IF A SPILL OCCURS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE TDOT PROJECT RESPONSIBLE PARTY. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.
- (52) WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD, SEE THE LATEST TENNESSEE GENERAL PERMIT NO. TNR100000 STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES SECTION 5.1 FOR REPORTING REQUIREMENTS.
- (53) CONTRACTOR'S BULK FUEL AND PETROLEUM PRODUCTS STORED ONSITE OR ADJACENT TO THE R.O.W. IN ABOVE GROUND STORAGE CONTAINERS WITH A COMBINED CAPACITY OF 1320 GALLONS OR MORE SHALL HAVE SECONDARY CONTAINMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN FOR THE BULK STORAGE AND BE SOLELY RESPONSIBLE FOR OBTAINING ANY NECESSARY LOCAL, STATE, AND FEDERAL PERMITS. THE SPCC PLAN AND/OR PERMITS SHALL BE KEPT ONSITE AND A COPY PROVIDED TO THE TDOT PROJECT RESPONSIBLE PARTY PRIOR TO STORING 1320 GALLONS ON SITE.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2D1

SEALED BY



5/19/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

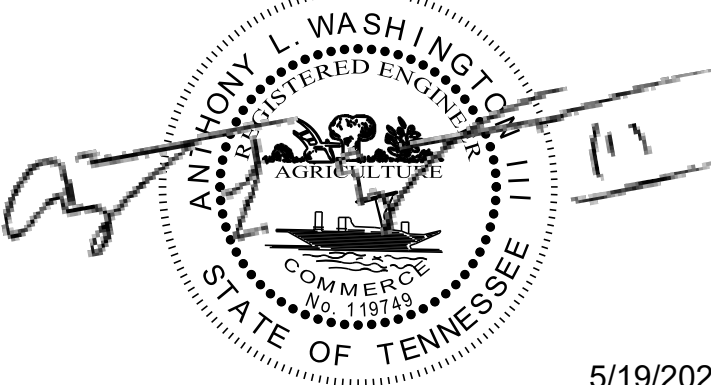
ENVIRONMENTAL
NOTES

TRAFFIC CONTROL SIGN TABULATION (RESURFACING)						
M.U.T.C.D. SIGN NO.	LEGEND \ DESCRIPTION	SIZE IN INCHES			S.F.	TOTAL NUMBER REQUIRED
		L	x	W		
E5-1	EXIT	72"	x	60"	30	1
E5-2	EXIT OPEN	48"	x	36"	12	1
G20-1	ROAD WORK NEXT 5 MILES	48"	x	24"	8	4
G20-2	END ROAD WORK	48"	x	24"	8	16
R1-2	YIELD	48"	x	48"	16	1
R3-8M	ADVANCE INTERSECTION LANE CONTROL	30"	x	30"	6	1
W1-4AR	REVERSE CURVE RIGHT	48"	x	48"	16	2
W3-2	YIELD AHEAD	48"	x	48"	16	1
W4-1R	MERGING TRAFFIC	48"	x	48"	16	1
W4-2L	LEFT LANE ENDS SYMBOL	48"	x	48"	16	2
W4-2R	RIGHT LANE ENDS SYMBOL	48"	x	48"	16	2
W8-11	UNEVEN LANES	48"	x	48"	16	46
W8-15	GROOVED PAVEMENT	48"	x	48"	16	46
W8-15P	MOTORCYCLE PLAQUE	30"	x	24"	5	46
W16-6P	SUPPLEMENTAL WARNING PLAQUE "ON SR 1"	24"	x	8"	1	2
W20-1	ROAD WORK 1 MILE	48"	x	48"	16	4
W20-1	ROAD WORK 1/2 MILE	48"	x	48"	16	4
W20-1	ROAD WORK 1000 FT	48"	x	48"	16	4
W20-1	ROAD WORK AHEAD	48"	x	48"	16	12
W20-5L	LEFT LANE CLOSED 1/2 MILE	48"	x	48"	16	2
W20-5L	LEFT LANE CLOSED 1500 FT	48"	x	48"	16	2
W20-5L	LEFT LANE CLOSED 1000 FT	48"	x	48"	16	1
W20-5R	RIGHT LANE CLOSED 1/2 MILE	48"	x	48"	16	2
W20-5R	RIGHT LANE CLOSED 1500 FT	48"	x	48"	16	2
W20-5R	RIGHT LANE CLOSED 1000 FT	48"	x	48"	16	1
TOTAL						2601

PROPOSED GUARDRAIL (RESURFACING)									
DIRECTION		SIDE		LOG MILE	GUARDRAIL			TERMINAL ANCHORS	
					GUARDRAIL TRANSITION 27 IN TO 31 IN	EARTH PAD FOR TYPE 38 GR END TREATMENT	GUARDRAIL REMOVED	TYPE 13	TYPE 38
NB	SB	LT	RT		705-02.10 (EACH)	705-04.09 (EACH)	706-01 (L.F.)	705-06.10 (EACH)	705-06.20 (EACH)
	X		X	10.70	1	1	50		1
	X		X	10.83	1		10	1	
X		X		10.83	1	1	50		1
X			X	10.83	1	1	50		1
TOTALS					4	3	160	1	3

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2E

SEALED BY



11

5/19/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

#349260L BROAD ST (SR001), L.M. 13.68 NEAR MURFREESBORO
LAT 35.881301, LONG -86.429509

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F

1. Remove the existing advance warning sign (W10-1) on the north-westbound approach on Broad St (SR001) located approximately 200 feet in advance of the crossing. Install two (2) new Highway-Rail Grade Crossing Advance Warning signs (W10-1) on both sides of the north-westbound approach on Broad St. (SR001) located approximately 400 feet in advance of the crossing as specified by TDOT Standard Drawings T-RR-1 and T-S-16 and in accordance with MUTCD Sections 2C.05 and 8B.06, Tables 2C-4 and 8B-1, and Figures 8B-4 and 8B-6. Install a 2-inch wide yellow retroreflective strip on the front face of the signpost in accordance with MUTCD Section 2A.21.
2. Install new RxR pavement markings on both lanes of the north-westbound approach on Broad St (SR001) located approximately 400 feet in advance of the crossing and adjacent to the new advance warning sign (W10-1) as specified by TDOT Standard Drawing T-RR-1 and in accordance with MUTCD Section 8B.27 and Figures 8B-6 and 8B-7.
3. Install new Stop Lines on both of the north-westbound approach on Broad St (SR001) located approximately 8 feet in advance of the cantilever but no closer than 15 feet from the nearest rail and perpendicular to the traveled way as specified by TDOT Standard Drawing T-RR-1 and in accordance with MUTCD Section 8B.28 and Figure 8B-6.
4. Install new Stop Lines on both of the south-eastbound approach on Broad St (SR001) located approximately 8 feet in advance of the cantilever but no closer than 15 feet from the nearest rail and perpendicular to the traveled way as specified by TDOT Standard Drawing T-RR-1 and in accordance with MUTCD Section 8B.28 and Figure 8B-6.
5. Remove the existing advance warning sign (W10-1) on the south-eastbound approach on Broad St (SR001) located approximately 200 feet in advance of the crossing. Install two (2) new Highway-Rail Grade Crossing Advance Warning signs (W10-1) on both sides of the north-westbound approach on Broad St. (SR001) located approximately 400 feet in advance of the crossing as specified by TDOT Standard Drawings T-RR-1 and T-S-16 and in accordance with MUTCD Sections 2C.05 and 8B.06, Tables 2C-4 and 8B-1, and Figures 8B-4 and 8B-6. Install a 2-inch wide yellow retroreflective strip on the front face of the signpost in accordance with MUTCD Section 2A.21.
6. Install new RxR pavement markings on both lanes of the south-eastbound approach on Broad St (SR001) located approximately 400 feet in advance of the crossing and adjacent to the new advance warning sign (W10-1) as specified by TDOT Standard Drawing T-RR-1 and in accordance with MUTCD Section 8B.27 and Figures 8B-6 and 8B-7.

7. Remove the existing STOP sign (R1-1) on the southbound approach on Van Cleve Ln (0A109) at the intersection with Broad St (SR001). Install a new STOP sign (R1-1) on the southbound approach on Van Cleve Ln (0A109) at the intersection with Broad St (SR001) in accordance with MUTCD Section 2A.16. Install a 2-inch wide red retroreflective strip to the front face of the signpost in accordance with MUTCD Section 2A.21.
8. Install a Stop Line on the southbound approach on Van Cleve Ln (0A109) at the intersection with Broad St (SR001) adjacent to the new STOP sign/
9. Remove the existing Highway-Rail Grade Crossing Advance Warning sign (W10-4) on southbound approach on Van Cleve Ln (0A109) located approximately 250 feet in advance of the intersection with Broad St (SR001). Install one (1) new Highway-Rail Grade Crossing Advance Warning Sign (W10-4) on the southbound approach on Van Cleve Ln (0A109) located approximately 250 feet in advance of the intersection with Broad St (SR001) as specified by TDOT Standard Drawing T-S-16 and in accordance with MUTCD Sections 2C.05 and 8B.06, Tables 2C-4 and 8B-1, and Figure 8B-4. Install a 2-inch wide yellow retroreflective strip to the front face of the signpost in accordance with MUTCD Section 2A.21.
10. Install one (1) Side Road Warning sign (W2-2) (36”x36”) on a new post approximately 265 feet in advance of the proposed Stop Lines on the south-eastbound approach on Broad St (SR001). Install a 2-inch wide yellow retroreflective strip to the front face of the signpost in accordance with MUTCD Section 2A.21.
11. Install one (1) Side Road Warning sign (W2-2) (36”x36”) on a new post approximately 80 feet in advance of the proposed Stop Lines on the north-westbound approach on Broad St (SR001). Install a 2-inch wide yellow retroreflective strip to the front face of the signpost in accordance with MUTCD Section 2A.21.

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAILROAD
CROSSING
DETAILS
SHEET 1 OF 2

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F1



DIAGNOSTIC TEAM REVIEW

BROAD ST. (SR1)
L.M. 13.680, CROSSING 349260L
RUTHERFORD COUNTY

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAILROAD
CROSSING
DETAIL
SHEET 2 OF 2

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F2



STATE ROUTE 1
LOG MILE 9.86 - 10.15
RUTHERFORD COUNTY

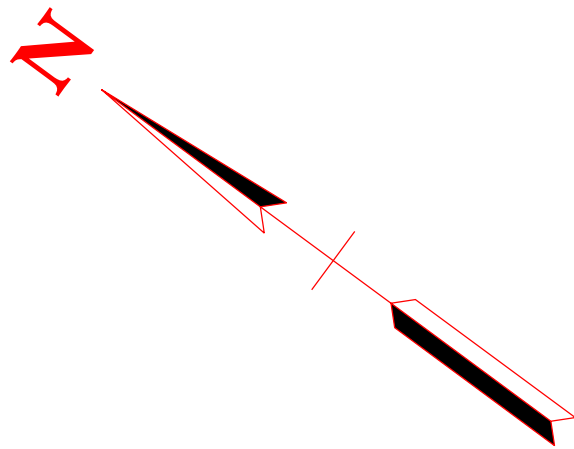
REFERENCE STANDARD DRAWING
T-M-3, T-M-4

FOR REFERENCE ONLY
PROVIDED TDOT REGION 3 TRAFFIC

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
IMPROVEMENTS
NOT TO SCALE



\$\$\$\$\$TIME\$\$\$\$\$
\$\$\$\$\$DGN\$PEC\$\$\$\$\$

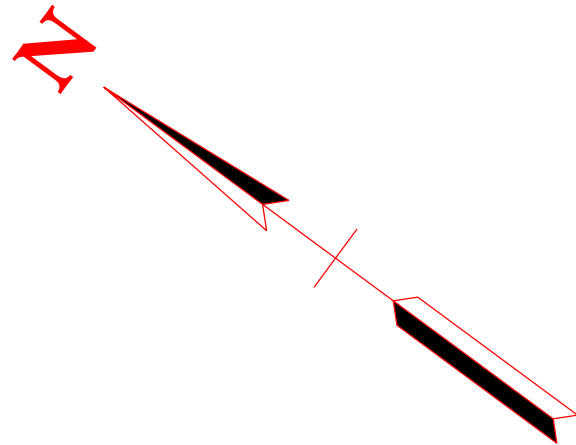
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F3



STATE ROUTE 1
LOG MILE 10.43 - 10.65
RUTHERFORD COUNTY

REFERENCE STANDARD DRAWING
T-M-4

FOR REFERENCE ONLY
PROVIDED TDOT REGION 3 TRAFFIC



SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
IMPROVEMENTS

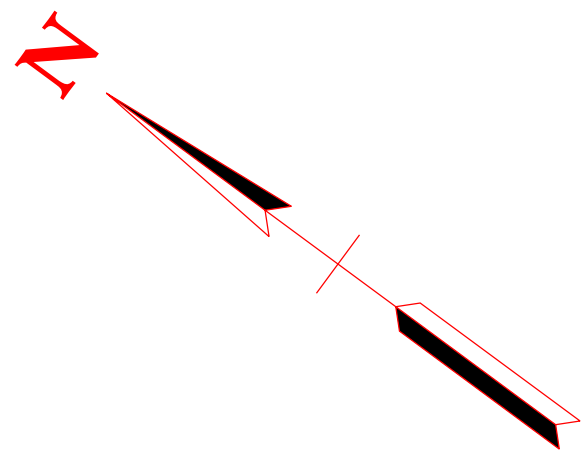
NOT TO SCALE

\$\$\$\$\$TIME\$\$\$\$\$
\$\$\$\$\$DGN\$PEC\$\$\$\$\$

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F4



\$\$\$\$\$TIME\$\$\$\$\$
\$\$\$\$\$DGN\$PEC\$\$\$\$\$



STATE ROUTE 1
LOG MILE 10.99 - 11.09
RUTHERFORD COUNTY

REFERENCE STANDARD DRAWING
T-M-4

FOR REFERENCE ONLY
PROVIDED TDOT REGION 3 TRAFFIC

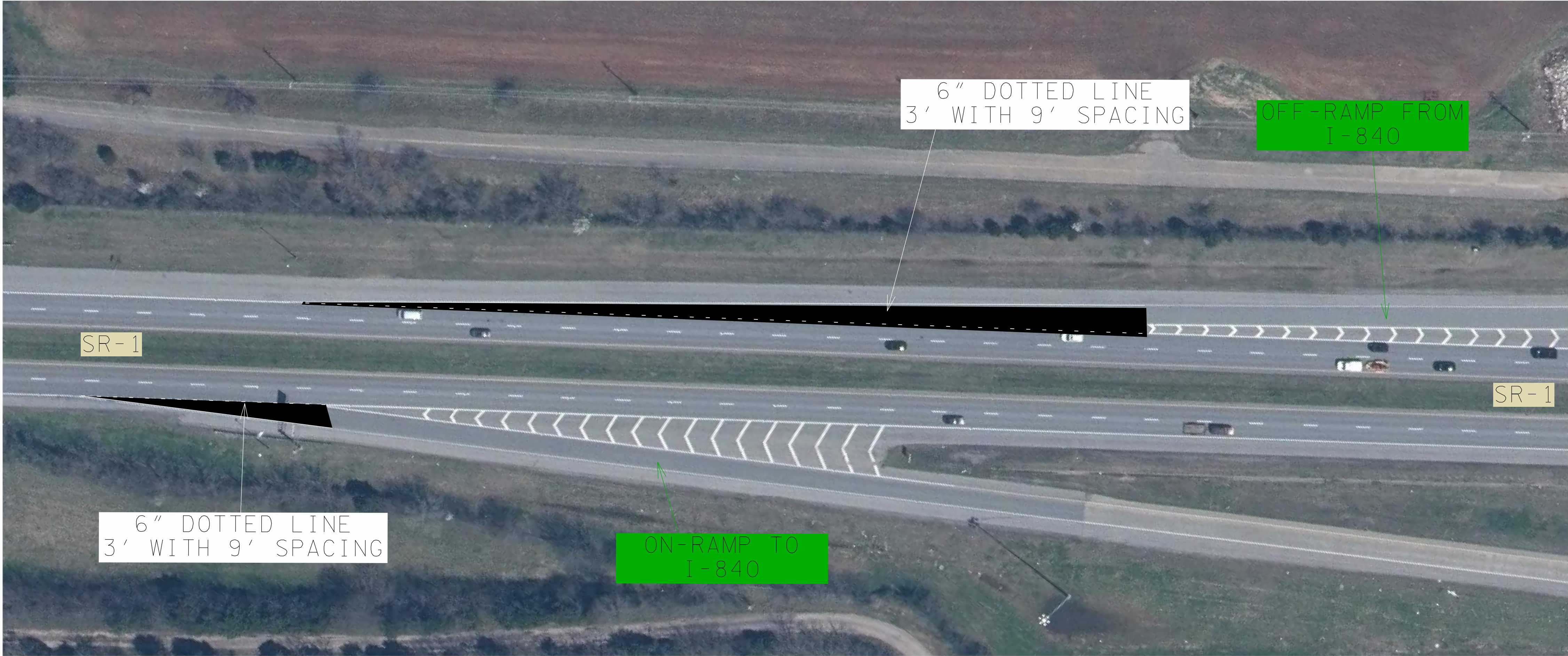
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

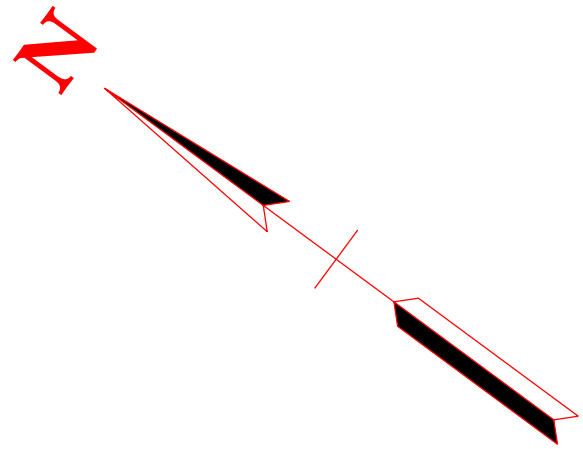
PAVEMENT
MARKING
IMPROVEMENTS

NOT TO SCALE

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F5



\$\$\$\$\$TIME\$\$\$\$\$
\$\$\$\$\$DGN\$PEC\$\$\$\$\$



STATE ROUTE 1
LOG MILE 11.28 - 11.49
RUTHERFORD COUNTY

REFERENCE STANDARD DRAWING
T-M-6

FOR REFERENCE ONLY
PROVIDED TDOT REGION 3 TRAFFIC

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
IMPROVEMENTS

NOT TO SCALE

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F7



STATE ROUTE 1
LOG MILE 12.25 - 12.49
RUTHERFORD COUNTY

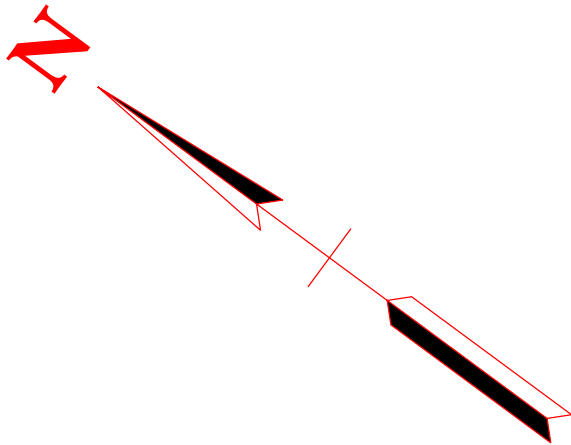
REFERENCE STANDARD DRAWING
T-M-6

FOR REFERENCE ONLY
PROVIDED TDOT REGION 3 TRAFFIC

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
IMPROVEMENTS
NOT TO SCALE

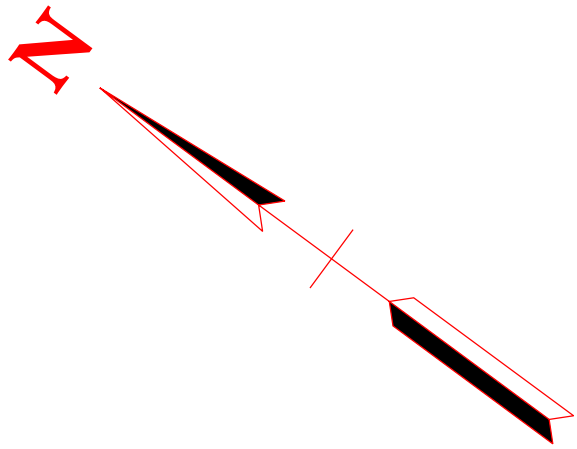


\$\$\$\$\$TIME\$\$\$\$\$
\$\$\$\$\$DGN\$PEC\$\$\$\$\$

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F8



\$\$\$\$SYTIME\$\$\$\$
\$\$\$\$DGN\$PEC\$\$\$\$



STATE ROUTE 1
LOG MILE 12.47 - 12.62
RUTHERFORD COUNTY

REFERENCE STANDARD DRAWING
T-M-4, T-M-5

FOR REFERENCE ONLY
PROVIDED TDOT REGION 3 TRAFFIC

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
IMPROVEMENTS

NOT TO SCALE

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F9



SR-1

PLASTIC TURN
LANE ARROW

8" DOTTED LINE
2' WITH 4' SPACING

PLASTIC TURN
LANE ARROW

8" DOTTED LINE
2' WITH 4' SPACING

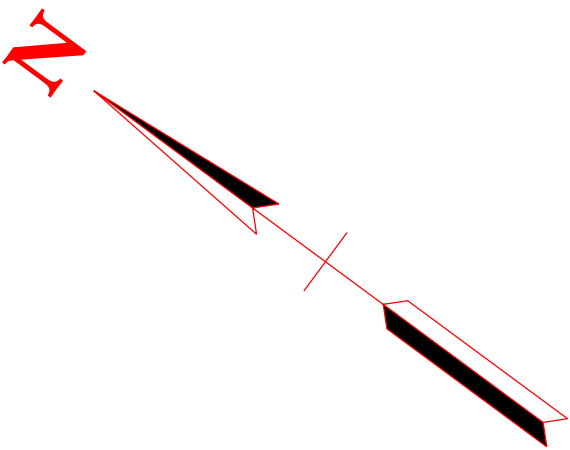
SR-1

VOLKSWAGEN DEALERSHIP

STATE ROUTE 1
LOG MILE 13.45 - 13.62
RUTHERFORD COUNTY

REFERENCE STANDARD DRAWING
T-M-4

FOR REFERENCE ONLY
PROVIDED TDOT REGION 3 TRAFFIC



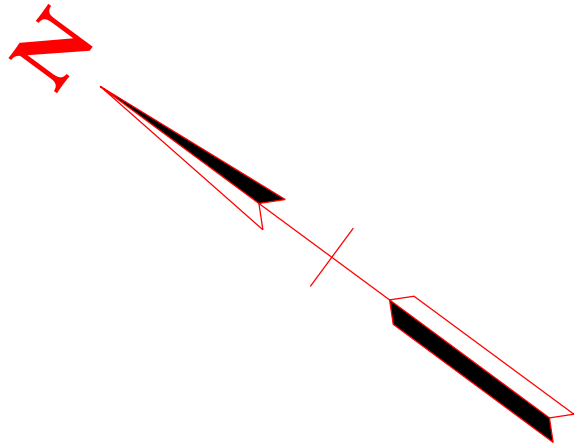
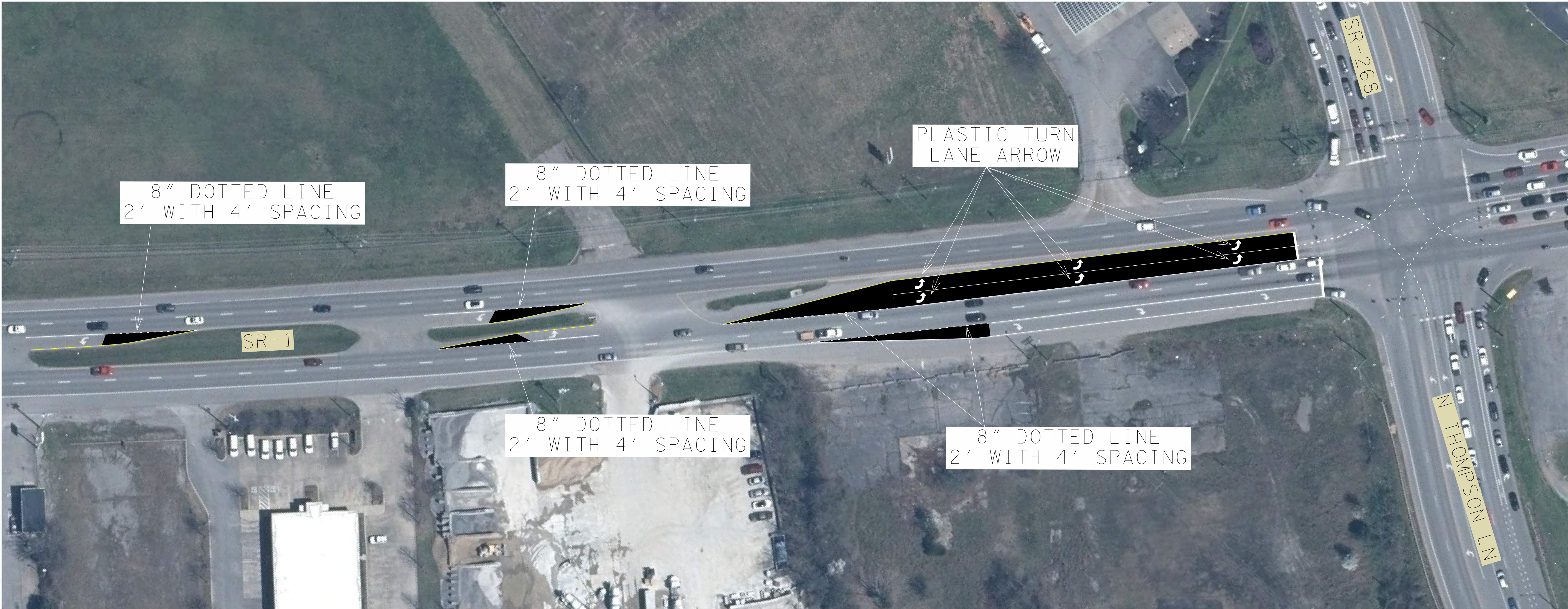
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
IMPROVEMENTS
NOT TO SCALE

\$\$\$\$\$TIME\$\$\$\$\$
\$\$\$\$\$DGN\$PEC\$\$\$\$\$
\$\$\$\$\$TIME\$\$\$\$\$

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	75S001-S8-008	2F10



STATE ROUTE 1
LOG MILE 13.85 - 14.10
RUTHERFORD COUNTY

REFERENCE STANDARD DRAWING
T-M-4

ESTIMATED PAVEMENT MARKING QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	57
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	31
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	1608
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	L.F.	1949
716-02.24	PLASTIC PAVEMENT MARKING (12IN DWL)	L.F.	687

FOR REFERENCE ONLY
PROVIDED TDOT REGION 3 TRAFFIC

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
IMPROVEMENTS

NOT TO SCALE