

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Daniel McGaha Digitally signed by Daniel McGaha
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HDR ENGINEERING, INC.
120 BRENTWOOD COMMONS WAY
SUITE 525
BRENTWOOD, TN 37027
DANIEL K. MCGAHA, P.E. NO. 108027

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-SIGN1
TITLE SHEET	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS AND STANDARD TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1
GENERAL NOTES	2C
SPECIAL NOTES	2D, 2D1
ENVIRONMENTAL NOTES	2E
TABULATED QUANTITIES	2F
DETAIL SHEETS	2G3, 2G4
UTILITY NOTES AND UTILITY OWNERS	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL	T1

YEAR	PROJECT NO.	SHEET NO.
2026	STP/HSIP-303(6)	ROADWAY-SIGN 1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

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

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	STP/HSIP-303(6)	
STATE PROJ. NO.	72S303-F8-002	
STATE PROJ. NO.	72S303-F3-002	

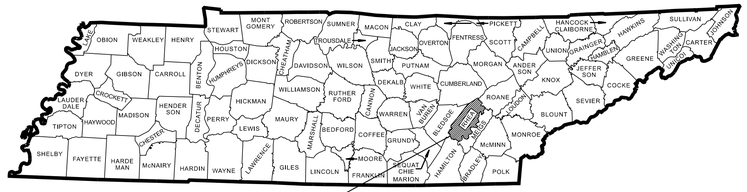
RHEA COUNTY

STATE ROUTE 303
FROM SR-29
TO SR-30

RESURFACE & SAFETY

MILL & 411D, GUARDRAIL, CURB RAMP REPAIRS AND PAVEMENT MARKINGS

STATE HIGHWAY NO. 303 F.A.H.S. NO. N/A



72S303-F8-002
72S303-F3-002
END PROJECT NO. STP/HSIP-303(6) RESURFACE & SAFETY

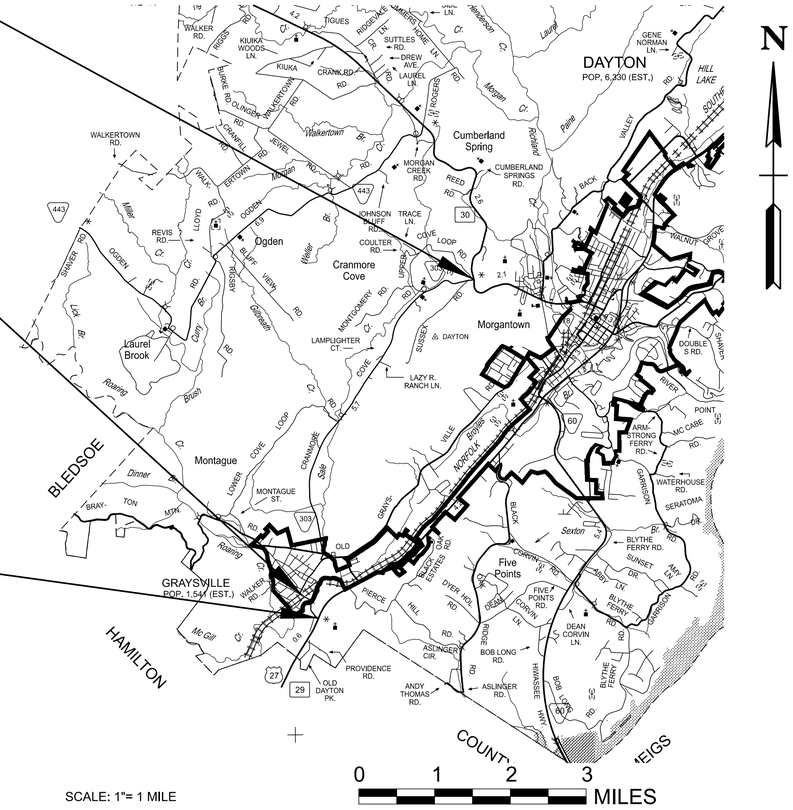
SR30 (L.M. 5.73)

NS AT GRADE CROSSING # 841949W

SR-303 @ L.M. 0.40
NS M.P. (0305.010)
LAT: 35.44332 LONG: -85.08134

72S303-F8-002
72S303-F3-002
BEGIN PROJECT NO. STP/HSIP-303(6) RESURFACE & SAFETY

SR29 (L.M. 0.00)



SCALE: 1"= 1 MILE

NO EXCLUSIONS

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 APRIL 1, 2026 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

PROJECT LENGTH 5.73 MILES
TOTAL LANE MILES RESURFACED 11.49 MILES

TRAFFIC COUNTER & WEATHER STATIONS	
STATION LOCATION	LOG MILE
TC STATION 77	0.140
TC STATION 43	1.826
TC STATION 39	5.314

TRAFFIC DATA	
ADT (2026)	1840
POSTED SPEED L.M. 0.00 - L.M. 1.36	30 MPH
POSTED SPEED L.M. 1.36 - L.M. 5.73	45 MPH

SEALED BY
Daniel K. McGaha
REGISTERED ENGINEER
CRITICAL TOOL
COMMERCE
STATE OF TENNESSEE
09/09/2026

APPROVED:
SHANE HESTER, CHIEF ENGINEER

DATE:

APPROVED:
WILL REID, COMMISSIONER

TDOT PROJECT MANAGER: ALLEN PETERFREUND, P.E.
DESIGN FIRM : HDR ENGINEERING, INC.
DESIGNER : DANIEL K. ,McGAHA, P.E. CHECKED BY BEN KAUSS, P.E.
P.E. NO. 98023-4217-04 (DESIGN)
PIN NO. 133972.00

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ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND STANDARD TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1
GENERAL NOTES	2C
SPECIAL NOTES	2D, 2D1
ENVIRONMENTAL NOTES	2E
TABULATED QUANTITIES	2F
DETAIL SHEETS - CURB RAMP LOCATIONS	2G-2G2
DETAIL SHEETS - RAILROAD RECOMMENDATIONS	2G3-2G4
DETAIL SHEETS - PAVEMENT MARKINGS	2G5
UTILITY NOTES, AND UTILITY OWNERS	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL	T1

NO UTILITY SHEETS ARE INCLUDED IN THIS SET OF PLANS.

STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
RD-TP-1	09-26-16	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	01-30-26	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
10-108.00 SAFETY DESIGN AND GUARDRAILS		
S-GRT-3	06-28-19	TYPE 21 GUARDRAIL END TERMINAL

STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
10-203.00 RAILROAD CROSSING		
T-RR-2		GRADE CROSSING WARNING SIGNS AND PAVEMENT MARKINGS
T-RR-2A		GRADE CROSSING ADVANCE WARNING SIGNS AND PAVEMENT MARKINGS
10-204.00 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-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
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-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	1A

SEALED BY

Daniel K. McGaha
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 139870
STATE OF TENNESSEE

09/09/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX, STANDARD ROADWAY DRAWINGS AND STANDARD TRAFFIC DESIGN DRAWINGS

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ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 72S303-F8-002	QUANTITY 72S303-F3-002	TOTAL QUANTITY
(1)	202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	42		42
(2)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	12		12
(3)	303-01	MINERAL AGGREGATE, TYPE ABASE, GRADING D	TON	25		25
(4)	403-02.01	TRACKLESS TACK COAT	TON	41		41
(5)	411-01.10	ACS MIX(PG64-22) GRADING D	TON	5929		5929
(6)(7)	411-01.21	LONGITUDINAL JOINT SEALANT	L.M.	6		6
(8)	411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	L.M.		7	7
(9)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	5874		5874
(10)(11)	701-01.01	CONCRETE SIDEWALK (4 ")	S.F.	350		350
(10)	701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	360		360
(10)	701-02.03	CONCRETE CURB RAMP	S.F.	40		40
(12)	705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	EACH		5	5
(12)	706-01	GUARDRAIL REMOVED	L.F.		125	125
(13)	712-01	TRAFFIC CONTROL	LS	1		1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	28		28
(14)	712-06	SIGNS (CONSTRUCTION)	S.F.	1756		1756
(15)	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	12		12
(16)	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1		1
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2		2
(17)	713-16.09	RAILROAD ADVANCE WARNING SIGN AND SUPPORT	EACH	2		2
(18)(19)	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH		393	393
	716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH		8	8
(20)(21)(22)	716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.		116	116
(21)(22)(23)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	284		284
(21)(22)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	4		4
(21)(22)	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	0.03		0.03
(18)	716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	EACH		1	1
(21)(22)	716-03.02	PLASTIC WORD PAVEMENT MARKING (RXR)	EACH	2		2
(18)	716-04.16	PLASTIC PAVEMENT MARKING (NOISE STRIP)	L.F.		66	66
(24)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	21		21
(25)	716-08.30	HYDROBLAST REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	0.08		0.08
(25)	716-09.03	WET REFLECTIVE PAVEMENT MARKING(6" LINE)	L.M.	0.08		0.08
(22)(26)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	21	0.1	21.1
(22)(27)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	28	175	203
	717-01	MOBILIZATION	LS	1		1

FOOTNOTES

(1) INCLUDES 12 SY FOR NW CORNER OF BURNETT ST, L.M. 0.44 AND 30 SY FOR NW CORNER OF BRIDGE ST, L.M. 0.692

(2) TO BE USED AS DIRECTED BY THE ENGINEER. SEE SHEET 2C, PAVEMENT MARKINGS, FINAL PAVEMENT MARKING NOTE 6.

(3) AS DIRECTED BY THE ENGINEER FOR THE INTERSECTION OF SR-30, SR-303, AND UPPER COVE LOOP RD AT L.M. 5.73

(4) INCLUDES 3 TONS FOR DRIVEWAYS, CITY STREETS, COUNTY ROADS, FIELD ENTRANCES AND BUSINESS ENTRANCES.

(5) INCLUDES 415 TONS FOR DRIVEWAYS, CITY STREETS, COUNTY ROADS, FIELD ENTRANCES AND BUSINESS ENTRANCES. ALSO INCLUDES 25 TONS FOR INTERSECTIONS OF SR-30, SR-303, UPPER COVE LOOP RD (LM 5.73)

(6) USE CRAFCO PAVEMENT JOINT ADHESIVE #34524 OR PAVON JOINT ADHESIVE BY PAVON CORPORATION.

(7) 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. PRIOR TO APPLICATION OF THE SEALANT, THE FACE OF THE JOINT SHALL BE THOROUGHLY DRY AND FREE FROM DUST OR OTHER MATERIAL. TRUCK AND VEHICLE TRAFFIC SHALL NOT DRIVE ACROSS THE SEALANT JOINT UNTIL IT HAS DRIED SUFFICIENT TO PREVENT DAMAGE.

(8) GRIND AT A DEPTH OF 5/16" +/- 1/16". LONGITUDINAL SPACING MAY BE AFFECTED BY SHALLOWER GRINDS. RUMBLE GRINDING SHOULD NOT PENETRATE COMPLETELY THROUGH THE NEWLY PAVED LAYER OR CAUSE PREMATURE DAMAGE.

(9) INCLUDES 412 TONS FOR DRIVEWAYS, CITY STREETS, COUNTY ROADS, FIELD ENTRANCES AND BUSINESS ENTRANCES. ALSO INCLUDES 25 TONS FOR INTERSECTIONS OF SR-30, SR-303, UPPER COVE LOOP RD (LM 5.73)

(10) SEE CURB RAMP TABULATION ON SHEET 2F.

(11) INCLUDES 100 SF TO BE USED AT BURNETT ST NW CORNER AT L.M. 0.44 AND 250 SF AT BRIDGE ST NW CORNER AT L.M. 0.692

(12) SEE GUARDRAIL TABULATION ON SHEET 2F.

(13) 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.

(14) THE CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF CONSTRCUTION 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).

(15) MATERIAL SHALL BE YELLOW IN COLOR.

(16) FOR REMOVAL OF EXISTING W10-1 SIGNS LOCATED AT L.M. 0.347 RT & L.M. 0.417 LT

(17) COST SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR EACH SIGN COMPLETE IN PLACE. INCLUDES SIGN (36"X36" W10-1), POST, AND 2" REFLECTIVE STRIP.

(18) SEE SHEET 2G5 FOR DETAILS.

(19) INCLUDES 8 SNOWPLOWABLE MARKERS AT 40 FT CENTERS FOR 320 FT EB AND 15 SNOWPLOWABLE MARKERS AT 20 FT CENTERS FOR 300 FT EB.

(20) TO BE USED AT L.M. 0.628, L.M. 0.692 AND L.M. 0.796 LT AND RT.

(21) 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.

(22) ITEM TO BE USED AS PERMANENT MARKING ONLY.

(23) ALL STOP BARS ON SIDE STREETS WILL BE RETRACED AS DIRECTED BY THE ENGINEER

(24) ITEM TO BE USED AS TEMPORARY PAVEMENT MARKING ONLY.

(25) FOR PERMANENT EDGE LINE AND CENTERLINE MARKING ON CONCRETE SURFACES.

(26) INCLUDES 0.08 LM REQUIRED TO ELIMINATE PASSING ZONE BETWEEN L.M. 4.52 & L.M. 4.61 AND 0.06 LM TO ELIMINATE PASSING ZONE BETWEEN L.M. 4.68 & L.M. 4.78.

(27) INCLUDES 44 LF FOR DDYL AT THE INTERSECTION OF BURNETTE ST, L.M. 0.44, 73 LF FOR DWL & DDYL AT THE INTERSECTION OF OF BRIDGE ST, L.M. 0.69 AND 58 LF FOR DWL & DDYL AT THE INTERSECTION OF LONG ST, L.M. 1.06.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2

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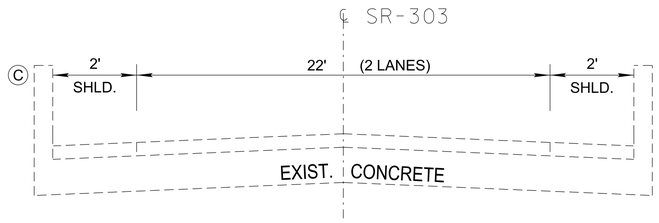
Daniel K. McGaha
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE
09/09/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

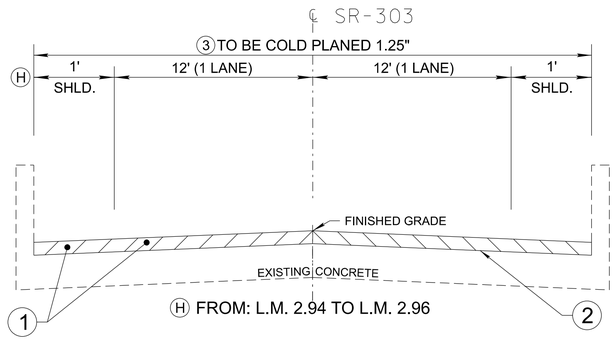
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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2B



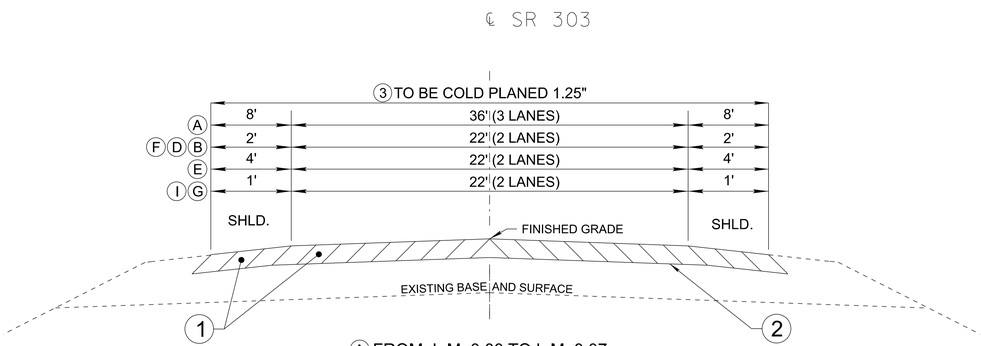
Ⓒ FROM: L.M. 0.21 TO L.M. 0.23

LEAVE AS IS - RESTRIPE ONLY



Ⓗ FROM: L.M. 2.94 TO L.M. 2.96

COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" OF 411D



Ⓐ FROM: L.M. 0.00 TO L.M. 0.07
Ⓑ FROM: L.M. 0.07 TO L.M. 0.21
Ⓓ FROM: L.M. 0.23 TO L.M. 0.44
Ⓔ FROM: L.M. 0.44 TO L.M. 0.70
Ⓕ FROM: L.M. 0.70 TO L.M. 0.98
Ⓖ FROM: L.M. 0.98 TO L.M. 2.94
Ⓘ FROM: L.M. 2.96 TO L.M. 5.73

SEE SHEET 2B1 FOR PAVEMENT SCHEDULE

SEALED BY

Daniel K. McCuhan
REGISTERED ENGINEER
RICHARD
COMMERCE
NO. 109911
STATE OF TENNESSEE
09/09/2026

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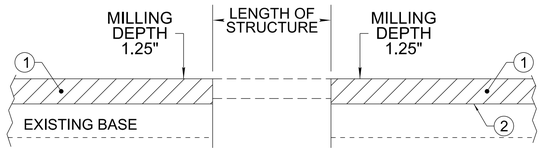
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2B1

PAVEMENT DETAIL

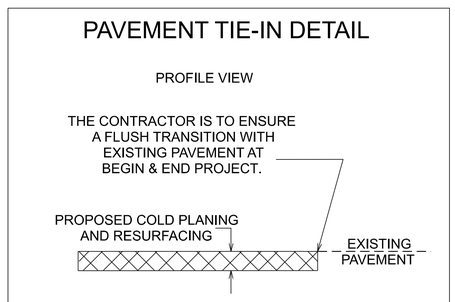


AT BRIDGE 72S43750001

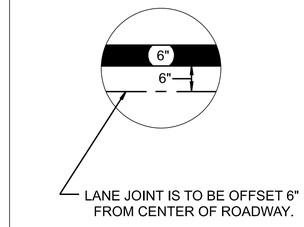
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PAVEMENT TIE-IN DETAIL

PROFILE VIEW



(NO EXCLUSION)



LONGITUDINAL JOINT SEALANT (ITEM 411-01.21) SHALL BE USED ON LANE JOINTS.

PROPOSED PAVEMENT SCHEDULE

1	**ASPHALTIC CONCRETE SURFACE (HM) @ 1.25"± THICK (APPROX. 132.5 LBS./S.Y.)** ITEM 411-01.10 ACS MIX (PG64-22) GRADING "D"
2	**TRACKLESS TACK COAT** ITEM 403-02.01 TRACKLESS TACK COAT (TC) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
3	**COLD PLANING @ 1.25"± THICK (APPROX. 131.25 LBS./S.Y.)** ITEM 415-01.01 COLD PLANING BITUMINOUS PAVEMENT

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2C

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 GUARDRAIL, 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

(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

(1) 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. 716-05.01, PAINTED PAVEMENT MARKING (4” 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 ENGINEER.

b. ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE 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 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.

PAVEMENT

PAVING

(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 SIDE ROADS 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

(10) 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.

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 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. 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.

SEALED BY



09/09/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2D

SPECIAL NOTES

PAVEMENT

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.

COLD PLANING

(1) IF MILLED SURFACE BEGINS TO DETERIORATE, PAVING TO COVER UP DETERIORATING MILLED SURFACES SHOULD OCCUR AS DIRECTED BY THE TDOT PROJECT ENGINEER DURING THE NEXT WORKING DAY. IF SEVERE DISTRESS OCCURS, IMMEDIATE RESPONSE WILL BE REQUIRED.

(2) THE BITUMINOUS MATERIAL DESIGNATED TO RESTORE THE COLD PLANING AREA WILL BE PLACED WITHIN 96 HOURS OF THE COMMENCEMENT OF COLD PLANING OPERATIONS. COLD PLANING OPERATIONS WILL BE LIMITED TO AN AREA EQUAL TO THAT WHICH CAN BE COVERED WITH BITUMINOUS MATERIAL WITHIN THE TIME LIMITS SPECIFIED, EVEN IF COLD PLANING OPERATIONS MUST BE SUSPENDED UNTIL PAVING CATCHES UP.

(5) THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN COLD PLANING THE EXISTING ASPHALT OFF BRIDGE DECK SO AS NOT TO DAMAGE THE EXISTING DECK SEALANT AND/OR EXPANSION JOINT MEMBERS (STEEL PLATES, BARS, AND/OR HEADERS). IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS TO ALL DAMAGED MEMBERS TO THE SATISFACTION OF THE PROJECT ENGINEER AT NO ADDITIONAL COST.

JOINT SEALANT

(1) THE CONTACT SURFACE OF LONGITUDINAL JOINTS IN THE SURFACE LIFT SHALL BE SEALED BY APPLYING JOINT SEALANT PRIOR TO PLACEMENT OF ADDITIONAL ASPHALT AGAINST THE PREVIOUSLY PLACED MATERIAL. MANUFACTURERS' RECOMMENDATIONS SHALL BE FOLLOWED IF THE MATERIAL NEEDS TO BE RE-HEATED, AND WHEN PLACING THE THIN, UNIFORM COAT.

(2) 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 SWEPT OR BLOWN FREE OF LOOSE MATERIAL, DIRT, VEGETATION, AND OTHER DEBRIS BY MEANS OF COMPRESSED AIR OR A POWER SWEEPER.

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

MULTIMODAL

(1) DURING CONSTRUCTION, IF THE CONSTRUCTION SUPERVISOR IDENTIFIES CURB RAMP LOCATIONS WITHIN THE PROJECT LIMITS WHERE THE TDOT ROADWAY STANDARDS CANNOT BE USED DUE TO SITE LIMITATIONS, A SKETCH OR PICTURE, SHOWING EXISTING CONDITIONS AS WELL AS PROPOSED MODIFICATIONS SHOULD BE SUBMITTED TO THE REGIONAL PROJECT DEVELOPMENT OFFICE THREE WEEKS PRIOR TO THE BEGINNING OF CURB RAMP CONSTRUCTION. THE OFFICE WILL REVIEW AND EVALUATE THE LOCATIONS TO DEVELOP PROPER CURB RAMP DESIGN THAT WILL MEET REGULATIONS.

MISCELLANEOUS

(2) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ANY SIGNS AND MAILBOXES DURING THE OPERATION. ANY SIGNS OR MAILBOXES DAMAGED AS A RESULT OF THE OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

SEALED BY

Daniel K. McCalla
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 118931
STATE OF TENNESSEE
09/09/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL
NOTES

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SPECIAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2D1

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 NORFOLK SOUTHERN TRACK FACILITIES AND PROPERTIES FROM ANY DAMAGE. THE WORK SHALL BE DONE IN ACCORDANCE WITH REGULATIONS STIPULATED BY NORFOLK SOUTHERN 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:

NORFOLK SOUTHERN

MR. PAUL ANDERSON DIVISION ENGINEER

NORFOLK SOUTHERN RAILROAD CORPORATION

1400 NORFOLK SOUTHERN DRIVE

BIRMINGHAM, AL 35210

PHONE: (304) 266-1558 or (205) 451-4724

EMAIL: PAUL.ANDERSON@NSCORP.COM

AND

MR. DOUGLAS (SHAWN) STARLING, P.E.

SENIOR ENGINEER PUBLIC IMPROVEMENTS - PA, NY, NJ, TN

NORFOLK SOUTHERN RAILROAD CORPORATION

650 WEST PEACHTREE ST NW BOX 45

ATLANTA, GA 30308

PHONE: (470) 463-6721

EMAIL: DOUGLAS.STARLING@NSCORP.COM

NORFOLK SOUTHERN

(1) ANY PAVEMENT MARKING PREPARATION INSTALLATION, RAILROAD ADVANCE WARNING SIGN PREPARATION OR REPLACEMENT/NEW INSTALLATION OR PAVEMENT PREPARATION OR INSTALLATION WITHIN 25 FT. OF THE NORFOLK SOUTHERN TRACK UTILIZING CONTRACTOR EQUIPMENT OR PERSONNEL WILL REQUIRE FULL TIME RAILROAD FLAGGING SERVICES AND/OR WATCHMAN SERVICES AS PER THE DISCRETION OF THE NORFOLK SOUTHERN SUPERINTENDENT FOR THE RAIL LINE BEING IMPACTED.

(2) ALL WORK ON, OVER, UNDER, OR ADJACENT TO NORFOLK SOUTHERN RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE NORFOLK SOUTHERN SPECIAL PROVISIONS. SEE AGREEMENT/STATE CONTRACT SPECIAL PROVISIONS 105C REGARDING FLAGGING RULES AND COSTS THEREOF, INSURANCE REQUIREMENTS, AND NORFOLK SOUTHERN SPECIAL PROVISIONS.

(3) CONTRACTOR PROTECTIVE SERVICES SHALL BE ONSITE ANYTIME CONSTRUCTION ACTIVITIES ARE TAKING PLACE ON OR ADJACENT TO THE RAILROAD PROPERTY AND/OR HAVE THE POTENTIAL TO FOUL THE RAILROADS'S TRACK OR OPERATIONS. SEE SECTION 8 OF THE NORFOLK SOUTHERN SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTERESTS – DIRECT HIRE FOR ADDITIONAL CLARIFICATIONS AND REQUIREMENTS REGARDING CONTRACTOR PROTECTIVE SERVICES.

SEALED BY

Daniel K. McGaha
REGISTERED ENGINEER
No. 109913
STATE OF TENNESSEE
09/09/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2E

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 COMPLIANCES AND FIELD SERVICES OFFICE SHALL BE INVITED TO ALL FIELD REVIEW MEETINGS.

SCOPE OF WORK

(6) THIS PROJECT INCLUDES COLD PLANING, 411D, INTELLIGENT COMPACTION, GUARDRAIL WORK, CURB RAMPS, PAVEMENT MARKINGS 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.

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 MANUFACTURER'S 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.

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ENVIRONMENTAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2F

CURB RAMP TABULATION

ROADWAY		LOCATION								SIGNALIZED	STANDARD DRAWING	CURB RAMP (RETROFIT) ITEM NO. 701-02.01	CURB RAMP (NEW) ITEM NO. 701-02.03	REMARKS
MAINLINE	INTERSECTING	STATION or LOG MILE (L.M.)	LEFT	MEDIAN	RIGHT	QUADRANT N.	QUADRANT S.	QUADRANT E.	QUADRANT W.	YES / NO	NO.	S.F.	S.F.	
SR-303	BURNETT	0.440	X				X		X	NO	CR-40	40.0		
SR-303	SMITH	0.628	X				X		X	NO	CR-40	30.0		
SR-303	SMITH	0.628	X			X			X	NO	CR-40	30.0		
SR-303	SMITH	0.628			X		X	X		NO	CR-40		40.0	
SR-303	SMITH	0.628			X	X		X		NO	CR-40	30.0		
SR-303	BRIDGE	0.692	X				X		X	NO	CR-20	75.0		
SR-303	BRIDGE	0.692	X			X			X	NO	CR-20	75.0		
SR-303	COLLEGE	0.796	X				X		X	NO	CR-40	40.0		
SR-303	COLLEGE	0.796	X			X			X	NO	CR-40	40.0		
											TOTAL	360	40	

TRAFFIC CONTROL SIGN TABULATION (RESURFACING)

M.U.T.C.D. SIGN NO.	LEGEND \ DESCRIPTION	SIZE IN INCHES L	x	W	S.F.	TOTAL NUMBER REQUIRED	ITEM NO. 712-06 S.F.
G20-1	ROAD WORK NEXT 6 MILES	64	x	24	11	2	22
G20-2	END ROAD WORK	48	x	24	8	18	144
W8-11	UNEVEN LANES	48	x	48	16	30	480
W8-15	GROOVED PAVEMENT	48	x	48	16	30	480
W8-15P	MOTORCYCLE PLAQUE	30	x	24	5	30	150
W20-1	ROAD WORK AHEAD	48	x	48	16	18	288
W20-1	ROAD WORK 1 MILE	48	x	48	16	2	32
W20-1	ROAD WORK 1/2 MILE	48	x	48	16	2	32
W20-1	ROAD WORK 1000 FT	48	x	48	16	2	32
W20-4	ONE LANE ROAD 1000 FT - PORTABLE	48	x	48	16	2	32
W20-7	FLAGGER SYMBOL - PORTABLE	48	x	48	16	2	32
W21-2	FRESH OIL - PORTABLE	48	x	48	16	2	32
THIS CONSTRUCTION SIGNING IS TO BE AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.						TOTAL	1756

PROPOSED GUARDRAIL (RESURFACING)

SIDE LT	SIDE RT	LOG MILE	GUARDRAIL REMOVED 706-01 (L.F.)	TERMINALS TYPE 21 MASH TL2 (21.875') 705-06.30 (EACH)
X		2.972	25	1
X		3.250	25	1
X		4.495	25	1
X		4.638	25	1
X		5.552	25	1
TOTALS			125	5

BRIDGE DECK RECOMMENDATIONS (RESURFACING)

BRIDGE NUMBER	LOCATION LOG MILE	CROSSES OVER/UNDER	BRIDGE LENGTH	BRIDGE DECK RECOMMENDATIONS
72S43750001	0.21	SALE CREEK	109'	LEAVE AS IS (RESTRIPE EXISTING MARKINGS ONLY)
72S43750003	2.94	SALE CREEK	114'	COLD PLANE 1.25" OF EXISTING ASPHALT AND REPLACE WITH 1.25" OF 411D

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STATE OF TENNESSEE
09/09/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2G

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DETAIL SHEET -
CURB RAMP LOCATIONS

NOT TO SCALE
SHEET 1 OF 3

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2G1

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DETAIL SHEET -
CURB RAMP LOCATIONS

NOT TO SCALE
SHEET 2 OF 3

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2G2

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DETAIL SHEET -
CURB RAMP LOCATIONS

NOT TO SCALE
SHEET 3 OF 3

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2G3

#841949W DAYTON AVE (SR303), LM 0.400, IN GRAYSVILLE, LAT 35.443320, LONG -85.081340

1. Install new stop lines on both approaches at the crossing on Dayton Ave (SR303) located 8 feet in advance of the existing active gate assemblies but no closer than 15 feet to the nearest rail as specified by TDOT Standard Drawing T-RR-1 and in accordance with MUTCD Section 8B.27 and Figure 8B-6Remove one (1) Highway-Rail Grade Crossing Advance Warning sign (W10-1) on northeast bound E Carroll St (SR055) located approximately 200 feet in advance of the nearest rail.
2. Install one (1) new RxR pavement marking on southeast bound Dayton Ave (SR303) located approximately 100 feet in advance of the stop line as specified by TDOT Standard Drawing T-RR-6 and in accordance with MUTCD Section 8B.28 and Figure 8B-6.
3. Remove one (1) Highway-Rail Grade Crossing Advance Warning sign (W10-1) on southeast bound Dayton Ave (SR303) located approximately 50 feet in advance of the nearest rail. Install one (1) new Highway-Rail Grade Crossing Advance Warning sign (W10-1) on southeast bound Dayton Ave (SR303) adjacent to the new RxR pavement marking located approximately 100 feet in advance of the nearest stop line as specified by TDOT Standard Drawing 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 Figure 8B-4. Install a 2-inch yellow retroreflective strip to the front face of the signpost in accordance with MUTCD Section 2A.21.
4. Install one (1) new RxR pavement marking on northwest bound Dayton Ave (SR303) located approximately 100 feet in advance of the stop line as specified by TDOT Standard Drawing T-RR-6 and in accordance with MUTCD Section 8B.28 and Figure 8B-6.
5. Remove one (1) Highway-Rail Grade Crossing Advance Warning sign (W10-1) on northwest bound Dayton Ave (SR303) located approximately 275 feet in advance of the nearest rail. Install one (1) new Highway-Rail Grade Crossing Advance Warning sign (W10-1) on northwest bound Dayton Ave (SR303) adjacent to the new RxR pavement marking located approximately 100 feet in advance of the nearest stop line as specified by TDOT Standard Drawing 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 Figure 8B-4. Install a 2-inch yellow retroreflective strip to the front face of the signpost in accordance with MUTCD Section 2A.21.

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DEPARTMENT OF TRANSPORTATION

DETAIL SHEET - RAILROAD RECOMMENDATIONS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2G4

N

3
W10-1

2

3
W10-1

1

4

5
W10-1

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09/09/2026

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DETAIL SHEET -
RAILROAD
RECOMMENDATIONS

1" = 50'

SHEET 2 OF 2

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	2G5



BUZZ STRIP DETAIL

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DETAIL SHEET -
PAVEMENT MARKINGS

NOT TO SCALE
SHEET 1 OF 1

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	3

UTILITY NOTES

(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 SLOPE STAKES, DITCH OR STREAM BED 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 SPECIFICATIONS 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 THEM TO 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.

UTILITY OWNERS

CATV/FIBER:
CHARTER COMMUNICATIONS
851 S. WILLOW AVENUE, SUITE 206
COOKEVILLE, TN 38501
CONTACT: MR. MORGAN WILCHER
OFFICE PHONE: 931 239 9222
Email: Morgan.Wilcher@charter.com

GAS:
MIDDLE TENNESSEE NATURAL GAS
PO BOX 670
SMITHVILLE, TN 37166
CONTACT: MR. MATT STENNETT
OFFICE PHONE: 931 754 3515
CELL PHONE: 931 239 9111
Email: mstennett@mtng.com

TELEPHONE:
BLEDSOE TELEPHONE CO-OP/CATV
PO BOX 609
PIKEVILLE, TN 37367
CONTACT: MR. MATT BOYNTON
OFFICE PHONE: 423 447 2121
CELL PHONE: 423 902 8877
Email: mboynton@bledsoe.net

WATER/SEWER:
GRAYSVILLE, TOWN OF
PO BOX 100
GRAYSVILLE, TN 37338
CONTACT: MAYOR BILL CRAWLEY
OFFICE PHONE: 423 775 9242
CELL PHONE:
Email: graysvillecityrecorder1917@gmail.com

ELECTRIC/FIBER:
EPB
PO BOX 182255
CHATTANOOGA, TN 37422
CONTACT: ADAM NORWOOD
OFFICE PHONE: 423 483 3305
Email: norwoodaw@epb.net

TELEPHONE:
ATT
300 E MARTIN LUTHER KING BLVD
CHATTANOOGA, TN 37403
CONTACT: JOE PERRELL
OFFICE PHONE: 423 266 1566
CELL PHONE:
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

UTILITY NOTES
AND
UTILITY OWNERS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP/HSIP-303(6)	T1

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE 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. 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.

2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 1.75 INCHES AND NOT EXCEEDING 6 INCHES, TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.

   a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

   b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) 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.

   c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE REGIONAL TRAFFIC ENGINEER. SEE PARAGRAPH REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL 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.

   IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

3. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 6 INCHES BUT NOT EXCEEDING 18 INCHES, THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL, MAY UTILIZE ONE OF THE FOLLOWING:

   a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

   IN ORDER TO USE THIS METHOD, THE CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORKDAY THAT THE CONDITION IS CREATED.

   b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.

   c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO 6 INCHES OR LESS.

   d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

   FOR PRECEDING CONDITIONS a, b, AND c, THE CONTRACTOR SHALL USE THE SHOULDER DROP-OFF WARNING SIGN WITH PLAQUE (W8-17 AND W8-17P). IT SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN THE SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

4. FOR DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 18 INCHES.

   SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

   IN THIS SITUATION THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

B. IF THE DIFFERENCE IN ELEVATION IS WITHIN 30 FEET OF THE NEAREST TRAFFIC LANE BEING USED BY TRAFFIC CAUSED BY GRADING, EXCAVATION FOR UTILITIES, DRAINAGE STRUCTURES, UNDERCUTTING, ETC.:

1. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 0.75 INCH AND NOT EXCEEDING 2 INCHES.

   a. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) 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.

2. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:

   a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

3. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:

   a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

      (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

      (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

   b. ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

   THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

C. IF THE DIFFERENCE IN ELEVATION IS FARTHER THAN 8 FEET FROM THE NEAREST TRAFFIC LANE BUT NOT MORE THAN 30 FEET FROM THE NEAREST TRAFFIC LANE:

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES CR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

1. WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.

2. WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

SEALED BY

Daniel K. McGaha
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09/09/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL

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