

Jason Ingram Digitally signed by Jason Ingram
Date: 2025.02.19 16:51:02 -05'00'

CHATTANOOGA, TN
JASON MARK INGRAM, P.E. NO. 114814

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN2
ROADWAY INDEX, STANDARD ROADWAY AND TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES.....	2
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D

REVISION-LETTING 2-19-25: ADDED SHEET.

SIGNATURE SHEET



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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TENNESSEE DEPARTMENT OF TRANSPORTATION
7512 VOLKSWAGEN DRIVE

CHATTANOOGA, TN
JASON MARK INGRAM, P.E. NO. 114814

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SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
TABULATED QUANTITIES	2E
ENVIRONMENTAL NOTES.....	2F
UTILITY NOTES AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL.....	T1

YEAR	PROJECT NO.	SHEET NO.
2025	STP/HSIP-50(86)	ROADWAY-SIGN1
	26S050-F8-005	
	26S050-F3-005	

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET

Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

FRANKLIN COUNTY

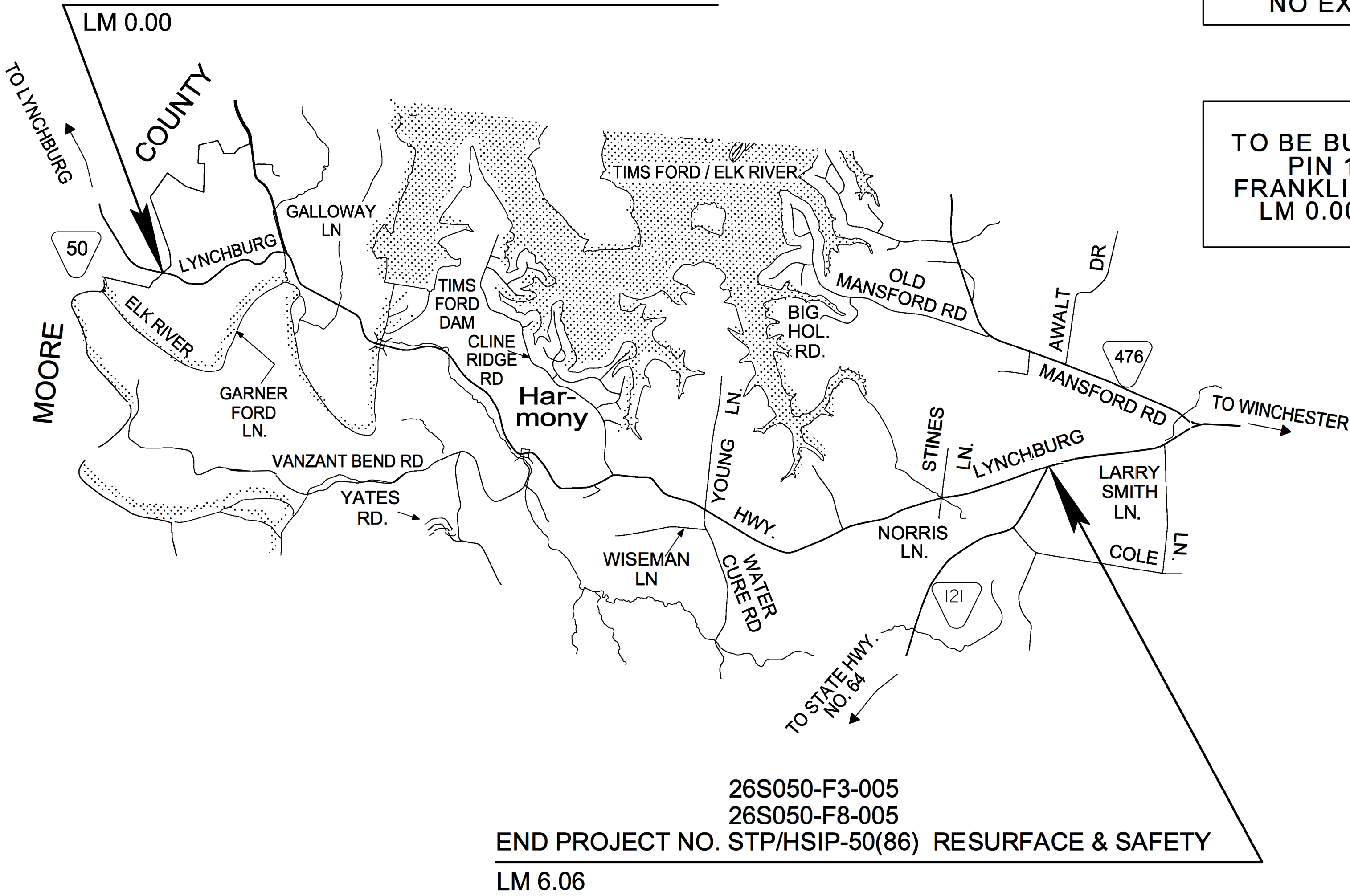
STATE ROUTE 50
FROM MOORE COUNTY LINE (LM 0.00)
TO NEAR SR-121 (LM 6.06)
RESURFACE & SAFETY
CHIP SEAL, (ALTERNATES: 85 LB TLD OR 24 LB MICRO-SURFACE),
GUARDRAIL AND PAVEMENT MARKINGS

STATE HIGHWAY NO. 50 F.A.H.S. NO.

26S050-F3-005
26S050-F8-005

BEGIN PROJECT NO. STP/HSIP-50(86) RESURFACE & SAFETY

LM 0.00

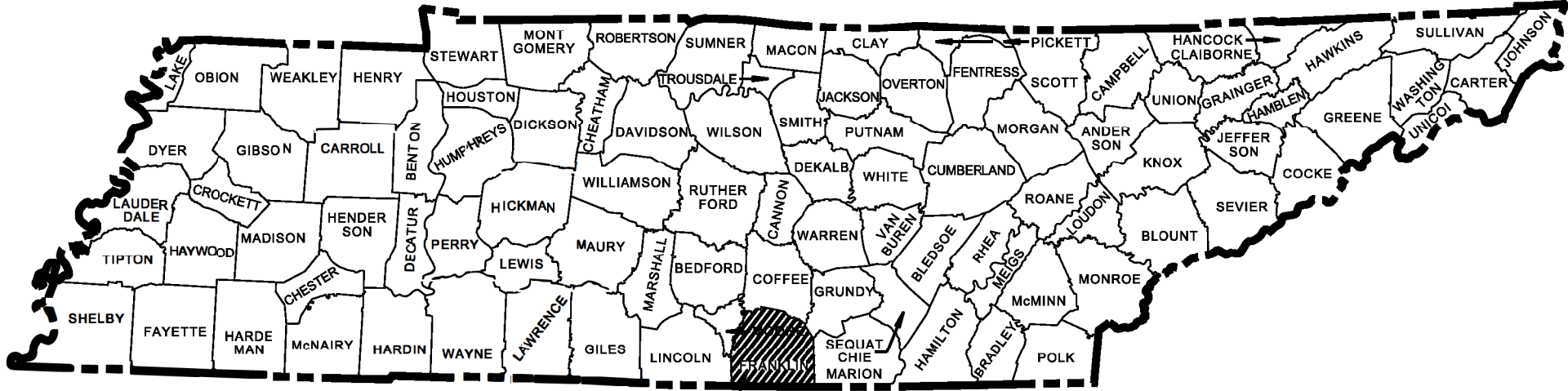


26S050-F3-005
26S050-F8-005

END PROJECT NO. STP/HSIP-50(86) RESURFACE & SAFETY
LM 6.06

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

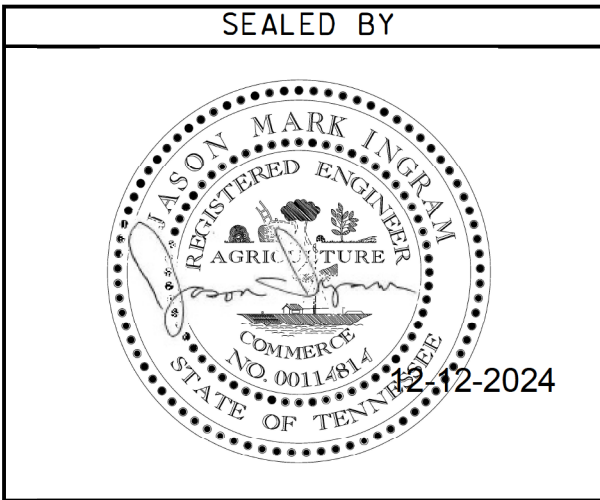
TENN.	YEAR 2025	SHEET NO. 1
FED. AID PROJ. NO.	STP/HSIP-50(86)	
STATE PROJ. NO.	26S050-F8-005, 26S050-F3-005	




PROJECT LOCATION
BRIDGE ID. # 26SR0500001 26SR0500003

NO EXCLUSIONS

TO BE BUNDLED WITH
PIN 134096.00
FRANKLIN CO. SR-476
LM 0.00 - LM 11.82



APPROVED: 
WILL REID, CHIEF ENGINEER

DATE:

APPROVED: 
HOWARD M. ELEY, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

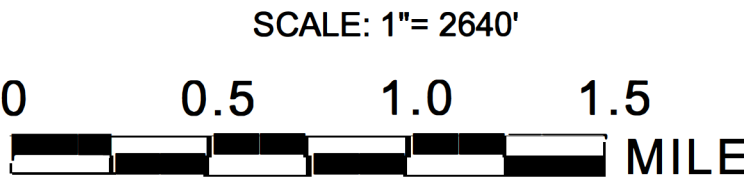
SPECIAL NOTES

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 : ANDREW ZAZZARA, P.E.
ENGINEER ON RECORD : JASON M. INGRAM, P.E.
DESIGNER : DIANE EVITT CHECKED BY : LANDO SANTOS
P.E. NO. 98023-4217-04
PIN NO. 129607.00

PROJECT LENGTH 6.06 MILES
TOTAL LANE MILES RESURFACED 12.12 MILES



TRAFFIC DATA	
ADT (2025)	1,680
POSTED SPEED	45 MPH

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	1A
		26S050-F8-005	
		26S050-F3-005	

REVISION - LETTING 2-19-25: ADDED ROADWAY-SIGN2 AND UPDATED SHEET 1A NAME IN INDEX. UPDATED STANDARD DRAWINGS. CHANGED SHEET NAME SHOWN IN TITLE BLOCK.

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS.....	ROADWAY-SIGN2
.....	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX, STANDARD ROADWAY AND TRAFFIC DESIGN DRAWINGS.....	1A
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
TABULATED QUANTITIES	2F
UTILITY NOTES AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL.....	T1
NOTES:	
THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN NUMBERING OF SHEETS.	
SHEET 2A SERIES NOT INCLUDED IN THIS SET OF PLANS.	
NO PROJECT COMMITMENTS 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	10-01-24	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
RD-L-2	02-20-20	STANDARD LEGEND FOR UTILITY INSTALLATIONS
10-106.00 SAFETY DESIGN AND GUARDRAILS		
S-PL-6	07-30-24	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
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-GRS-4	05-04-22	SPECIAL CASE GUARDRAIL HEIGHT TRANSITION DETAIL
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRT-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)

STANDARD TRAFFIC DESIGN DRAWINGS

10-204.01 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
10-204.02 DESIGN – WORK ZONES		
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX,
STANDARD ROADWAY
AND
TRAFFIC DESIGN
DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	2
		26S050-F8-005	
		26S050-F3-005	

REVISION - LETTING 2-19-25: CHANGED FOOTNOTE (1).

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 26S050-F8-005	QUANTITY 26S050-F3-005	TOTAL QUANTITY
(1)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	12.1		12.1
(2)	303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON		789	789
(3)	405-01.01 BITUMINOUS MATERIAL (BSC)	TON	86		86
(4)	405-01.02 MINERAL AGGREGATE (BSC)	TON	998		998
	411-12.04 SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	L.M.		9.7	9.7
(5)	705-02.10 GUARDRAIL TRANSITION 27IN TO 31IN	EACH		17	17
(5)(6)	705-04.09 EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH		17	17
(5)	705-04.22 GUARDRAIL DELINEATION ENHANCEMENT (BI-DIRECTIONAL)	EACH		450	450
(5)	705-06.20 TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH		17	17
(5)(7)	706-01 GUARDRAIL REMOVED	L.F.		850	850
	712-01 TRAFFIC CONTROL	LS	0.34		0.34
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	10		10
(5)	712-06 SIGNS (CONSTRUCTION)	S.F.	281		281
	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	2		2
(5)	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH		514	514
(8)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	122		122
(9)	716-05.01 PAINTED PAVEMENT MARKING (4" LINE)	L.M.	24.4	12.1	36.5
	716-08.20 REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	24.4		24.4
(10)	716-08.30 HYDROBLAST REMOVAL OF PAVEMENT MARKING (LINE)	L.M.		0.31	0.31
(11)	716-09.86 CONTRAST PAVEMENT MARKING 6"	L.M.		0.42	0.42
(12)	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	24.4		24.4
(13)	716-12.05 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.		370	370
	717-01 MOBILIZATION	LS	0.34		0.34
	ALTERNATE AA1				
(14)	403-02.01 TRACKLESS TACK COAT	TON	29		29
(15)	411-03.12 ACS MIX(PG64-22) THIN LIFT D ASPHALT	TON	3693		3693
	ALTERNATE AA2				
(16)(17)	403-01.01 BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON	12		12
(18)	414-03.01 EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON	125		125
(19)	414-03.02 AGGREGATE FOR MICRO SURFACING	TON	1043		1043

FOOTNOTES	
(1)	INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET NO. 2C, FINAL PAVEMENT MARKING NOTE (6) FOR MORE INFORMATION.
(2)	TO BE USED TO BUILD UP LOW SHOULDERS.
(3)	INCLUDES 1 TONS FOR SIDE ROADS. SEE SHEET 2F FOR PAVEMENT QUANTITIES.
(4)	INCLUDES 11 TONS FOR SIDE ROADS. SEE SHEET 2F FOR PAVEMENT QUANTITIES.
(5)	SEE SHEET 2F FOR TABULATION.
(6)	AGGREGATE SHALL BE USED TO RETROFIT EARTH PADS AS NEEDED. SEE STD DWG S-GRT-2R.
(7)	REMOVED GUARDRAIL TO BECOME PROPERTY OF THE CONTRACTOR.
(8)	CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(9)	RESURFACING QUANTITY IS FOR TEMPORARY MARKING ON BSC LAYER. SAFETY QUANTITY IS TO SERVE AS TRACER LINE FOR RUMBLE STRIPE INSTALLATION.
(10)	FOR REMOVAL OF EXISTING STRIPING FROM CONCRETE SURFACE OF ELK RIVER BRIDGE.
(11)	ITEM TO BE APPLIED TO CONCRETE SURFACE OF ELK RIVER BRIDGE. SEE SPECIAL PROVISION 716CPM FOR TYPE AND APPLICATION INFORMATION.
(12)	INCLUDES 1.2 MILES FOR TURN LANES AND SIDE ROAD RADII AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(13)	INCLUDES 6" DOTTED WHITE EDGE LINE AND 6" DOUBLE DOTTED YELLOW CENTERLINE AT GALLOWAY LN (LM 0.790 LT.), TIMS FOR DAM RD (LM 2.03 LT.), VANZANT BEND RD (LM 2.72 RT), AND CLINE RIDGE RD (LM 3.35 LT).
(14)	INCLUDES 1.04 TONS FOR SIDE ROADS & DRIVEWAYS. SEE SHEET 2F FOR PAVEMENT QUANTITIES.
(15)	INCLUDES 126 TONS FOR SIDE ROADS & DRIVEWAYS. SEE SHEET 2F FOR PAVEMENT QUANTITIES.
(16)	INCLUDES 0.4 TONS FOR SIDE ROADS & DRIVEWAYS. SEE SHEET 2F FOR PAVEMENT QUANTITIES.
(17)	NO PAYMENT WILL BE MADE DIRECTLY FOR THE WATER REQUIRED TO DILUTE THE TACK COAT.
(18)	INCLUDES 4.0 TONS FOR SIDE ROADS & DRIVEWAYS. SEE SHEET 2F FOR PAVEMENT QUANTITIES.
(19)	INCLUDES 35 TONS FOR SIDE ROADS & DRIVEWAYS. SEE SHEET 2F FOR PAVEMENT QUANTITIES.

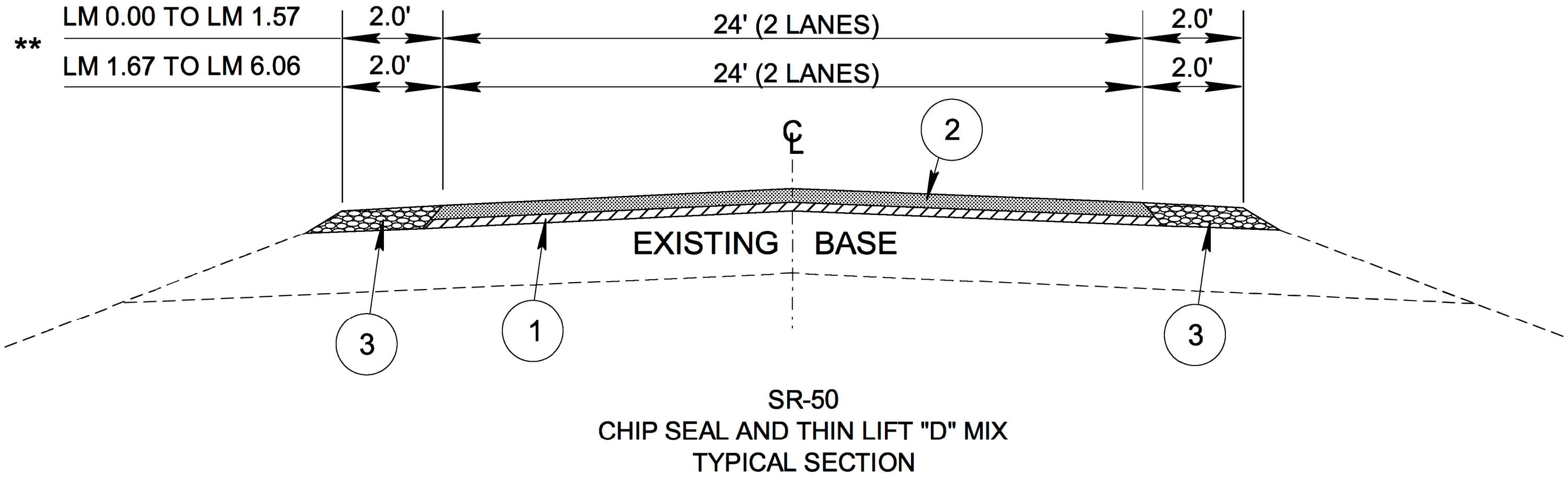
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DEPARTMENT OF TRANSPORTATION

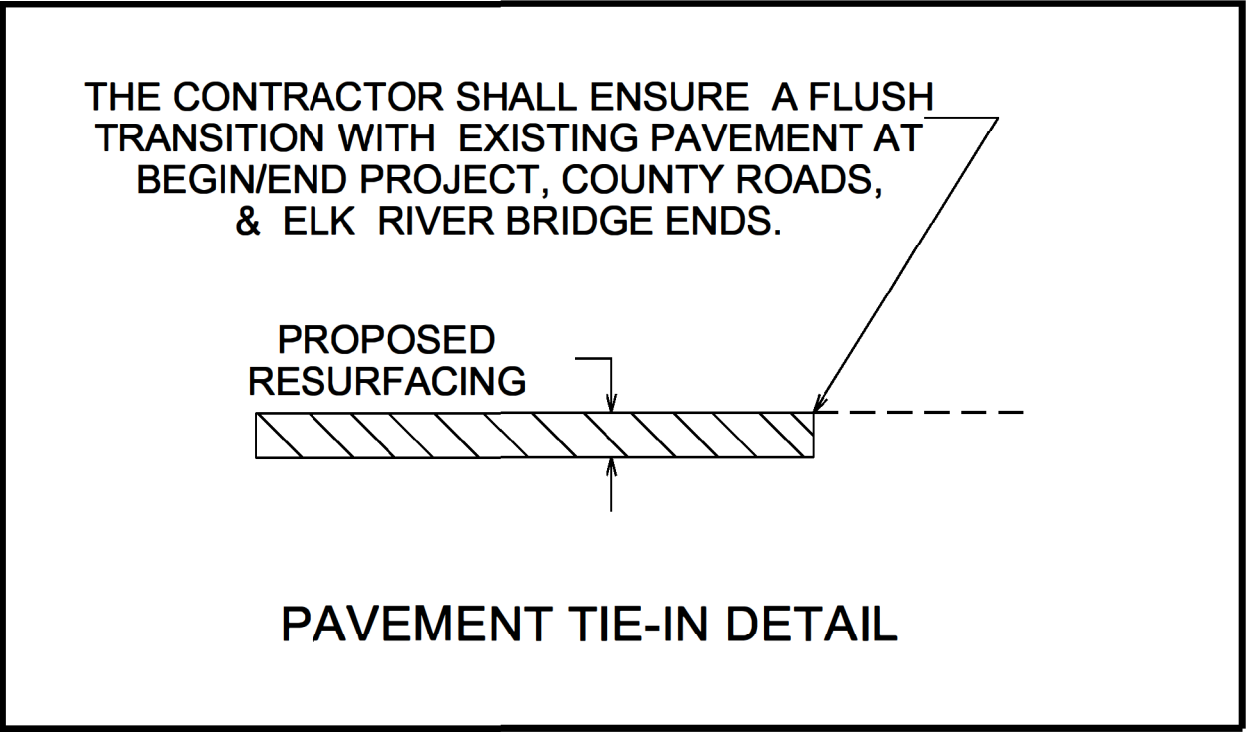
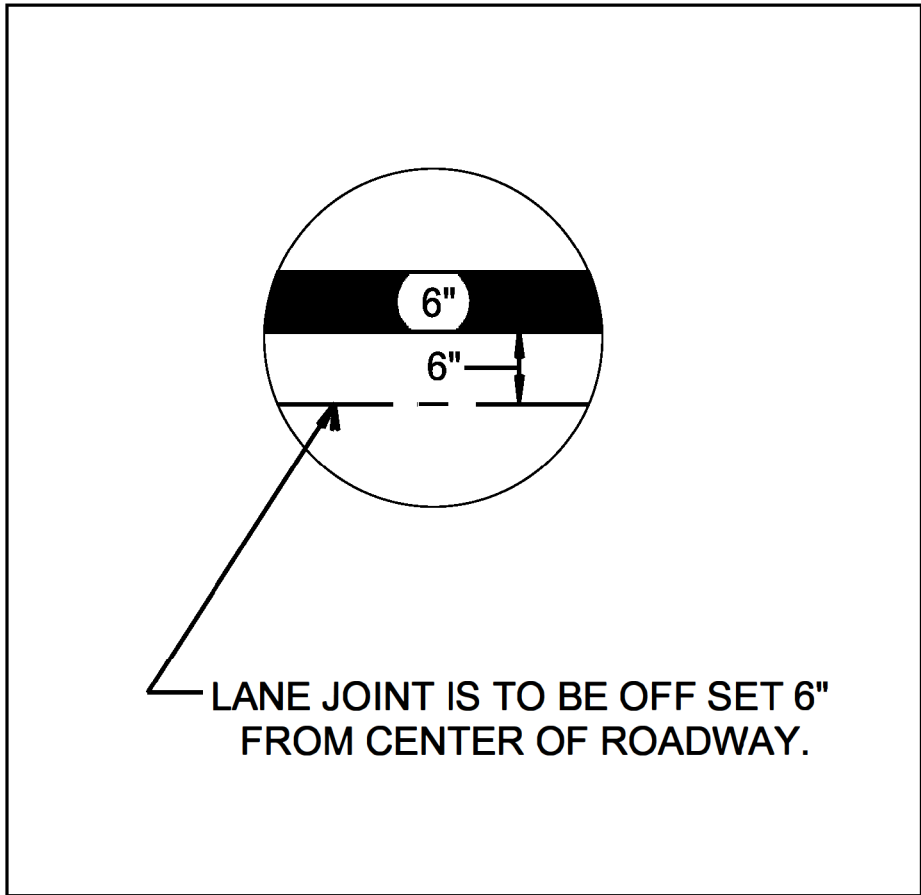
ESTIMATED
ROADWAY
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	2B
		26S050-F8-005	
		26S050-F3-005	



** EXCLUDE PAVING ELK RIVER BRIDGE (LM 1.57 TO LM 1.67)
HYDRO-BLAST EXISTING STRIPING FROM CONCRETE SURFACE AND RESTRIPE WITH CONTRAST MARKINGS ONLY.

PROPOSED PAVEMENT SCHEDULE		
1	BITUMINOUS SEAL COAT (CHIP SEAL) 405-01.01 BITUMINOUS MATERIAL (BSC) @ 0.17 - 0.45 GAL./ SQ. YD., TON 405-01.02 MINERAL AGGREGATE (BSC) @ 17 - 30 LB/ SQ. YD., TON	
2	ALT "AA1"	"THIN LIFT D" 0.80" THICK @ APPROX. 85 LB./SQ. YD. 411-03.12 ACS GRADING "D" THIN LIFT ASPHALT (PG-64-22), TON 403-02.01 TRACKLESS TACK COAT (TC), TON SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD.
	ALT "AA2"	MICRO-SURFACING @ 24 LBS./S.Y. 414-03.01 EMULSIFIED ASPHALT FOR MICRO-SURFACING @ 12% OF THE DRY WEIGHT OF AGGREGATE 414-03.02 AGGREGATE FOR MICRO-SURFACING @ 24 LBS./S.Y 403-01.01 BITUMINOUS MATERIAL FOR TACK COAT (TC) FOR MICRO-SURFACING, TON @ 0.10 TO 0.15 GAL./S.Y.
3	SHOULDER STONE 1" THICK @ 2.03 TONS/CY 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D, TON	



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE

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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.

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

- (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

- (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 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 PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (9) 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

- (1) THE CONTRACTOR SHALL BE REQUIRED TO 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.

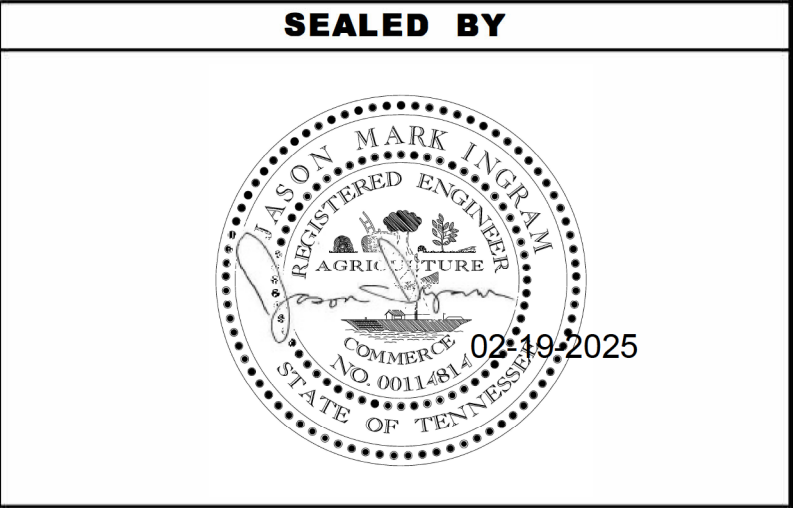
CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (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.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	2C
		26S050-F8-005	
		26S050-F3-005	

REVISION - LETTING 2-19-25: ADDED FINAL PAVEMENT MARKING NOTE (6).



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL
NOTES

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SPECIAL NOTES

TRAFFIC CONTROL

- (1)

THE CONTRACTOR SHALL MAKE PROVISIONS TO SAFELY CONTROL TRAFFIC INGRESS AT ALL ROADWAY ENTRANCES WITHIN THE WORK ZONE TO THE SATISFACTION OF THE TDOT ENGINEER, ALL COST ASSOCIATED WITH THE CONTROLS WILL BE INCLUDED IN THE PRICE BID FOR TRAFFIC CONTROL.
- (2)

EXISTING CONSTRUCTION, REGULATORY AND WARNING SIGNS WHICH CONFLICT WITH THE CONSTRUCTION SIGNING SHALL BE REMOVED DURING CONSTRUCTION AND REINSTALLED AS DIRECTED BY THE TDOT ENGINEER. ALL COSTS TO BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-01, TRAFFIC CONTROL, PER LUMP SUM.
- (3)

THE CONTRACTOR SHALL GIVE THE TDOT ENGINEER A MINIMUM OF SEVEN (7) DAYS NOTICE PRIOR TO STARTING WORK SO THAT SUFFICIENT NOTICE CAN BE PREPARED AND DISTRIBUTED TO THE MEDIA.
- (4)

IMMEDIATELY UPON COMPLETION OF EACH CONSTRUCTION PHASE, ALL TRAFFIC CONTROL ITEMS THAT ARE NOT NECESSARY FOR THE SUCCEEDING PHASE SHALL BE REMOVED, COVERED OR TURNED TO FACE AWAY FROM TRAFFIC.
- (5)

THE CONTRACTOR SHALL PROVIDE FLAGGER AT EACH SIDEROAD WITHIN THE PAVING OPERATION.
- (6)

CHANGEABLE MESSAGE SIGNS UNITS (ITEM NO. 713-16.01) WILL BE REQUIRED ON THIS PROJECT. THE SIGNS WILL BE USED FOR ADVANCED WARNING OR AS DIRECTED BY THE ENGINEER.
- (7)

MESSAGE BOARDS SHALL BE DISPLAYED A MINIMUM OF SEVEN (7) DAYS PRIOR TO STARTING WORK TO INFORM PUBLIC OF UPCOMING CONSTRUCTION PROJECT.
- (8)

PRIOR TO DISPLAYING MESSAGES ON CHANGEABLE MESSAGE BOARDS, ALL MESSAGES SHALL BE APPROVED BY THE TDOT PROJECT SUPERVISOR AND REGION 2 TRAFFIC ENGINEER.
- (9)

INFORMATION ON CHANGEABLE MESSAGE BOARDS SHALL BE UPDATED TO REFLECT CURRENT CONSTRUCTION CONDITIONS ACTIVITIES AT ALL TIMES.

LANE CLOSURES

- (1)

THE RESTRICTION OF TRAFFIC TO ONE LANE SHALL NOT EXCEED A TWO (2) MILE PAVING OPERATION OR AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (2)

THE CONTRACTOR SHALL KEEP ALL TRAFFIC LANES OPEN TO TRAFFIC DURING NON-WORKING HOURS AND/OR NON-WORK DAYS.
- (3)

THE CONTRACTOR SHALL NOT BE ALLOWED TO INTERRUPT TRAFFIC FLOW AND SHALL MAINTAIN ALL LANES OF TRAFFIC IN EACH DIRECTION ON THE FOLLOWING DAYS:

A.

OFFICIAL STATE HOLIDAYS.

B.

FRIDAY AT 7:00 PM UNTIL TUESDAY AT 6:00 AM, IF A STATE HOLIDAY OCCURS OR IS OBSERVED ON MONDAY.

C.

THURSDAY AT 7:00 PM UNTIL MONDAY AT 6:00 AM, IF A STATE HOLIDAY OCCURS OR IS OBSERVED ON FRIDAY.

D.

DURING LOCAL FESTIVALS, GAMES OR EVENTS THAT COULD BE IMPEDED BY THE PAVING OPERATIONS WHERE AND AS DIRECTED BY THE TDOT PROJECT ENGINEER.

PAVEMENT

- (1)

ALL DRAINS ACROSS BRIDGES NEED TO BE CHECKED AND CLEANED AFTER PAVING IS COMPLETE. COST TO BE INCLUDED IN OTHER ITEMS.
- (2)

ANY QUANTITY REMAINING ON ITEMS COMPLETED PRIOR TO THE PAVING OPERATION WILL NOT BE CONVERTED TO ADDITIONAL ASPHALT FOR THE ROADWAY.

PAVING

- (1)

DELETED.

PAVEMENT MARKING

- (1)

THE CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF ALL PAVEMENT MARKING. ANY CHANGE FROM THE EXISTING PAVEMENT MARKINGS MUST BE APPROVED BY THE REGION 2 TRAFFIC MANAGER.
- (2)

THE EXISTING PAVEMENT MARKINGS ON THE ELK RIVER BRIDGE CONCRETE SURFACE SHALL BE REMOVED BY HYDROBLASTING.
- (3)

THE PROPOSED PAVEMENT MARKINGS ON THE ELK RIVER BRIDGE CONCRETE SURFACE SHALL BE CONTRAST MARKINGS AS PER SPECIAL PROVISION 716CPM.

MISCELLANEOUS

- (1)


THE PROPOSED RUMBLE STRIPE SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWINGS T-M-16 AND T-M-16A WITHOUT REDUCING EXISTING LANE WIDTHS.
- (2)

ALL SAFETY IMPROVEMENTS TO BE PAID FOR UNDER PROJECT NUMBER: STP/HSIP-50(86), 26S050-F3-005

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	2D
		26S050-F8-005	
		26S050-F3-005	

REVISION - LETTING 2-19-25: DELETED PAVING NOTE (1).

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL
NOTES

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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 ROADWAY DESIGN 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.

SCOPE OF WORK

- (6) RESURFACE, GUARDRAIL, AND PAVEMENT MARKINGS.

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.

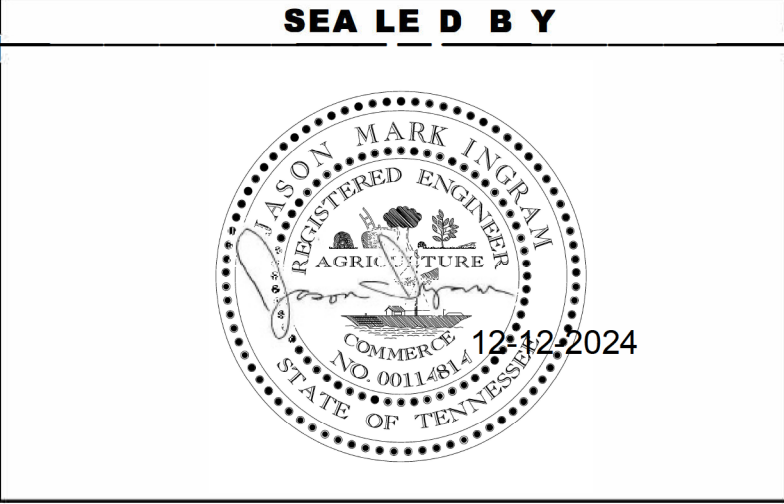
GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

- (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.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	2E
		26S050-F8-005	
		26S050-F3-005	



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL
NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	2F
		26S050-F8-005	
		26S050-F3-005	

PAVEMENT QUANTITIES								
LOCATION (ROADWAY)	TYPE - GRADE - PAY ITEM (TON)							
	MINERAL AGG. GR "D"	BITUMINOUS SEAL COAT (BSC) (CHIP SEAL)		ALTERNATE AA1		ALTERNATE AA2		
				TRACKLESS TACK COAT	ASPHALTIC CONC. SURFACE (HOT MIX) THIN LIFT "D"	TACK COAT (MICRO- SURFACING)	EMULSIFIED ASPHALT FOR MICRO- SURFACING	AGGREGATE FOR MICRO- SURFACING
		BITUMINOUS MATERIAL	MINERAL AGGREGATE					
	303-01 TON	405-01.01 TON	405-01.02 TON	403-02.01 TON	411-03.12 TON	403-02.01 TON	414-03.01 TON	414-03.02 TON
SR-50	789.0	85.0	987.0	27.96	3567.0	11.60	121.0	1008.0
GALLOWAY LN (LM 0.79 LT)		0.1	2.0	0.04	5.0	0.02	0.1	1.2
TIMS FORD DAM RD (LM 2.03 LT)		0.4	3.0	0.08	10.0	0.03	0.3	2.8
VANZANT BEND RD (LM 2.72 RT)		0.1	2.0	0.03	4.0	0.02	0.1	1.2
CLINE RIDGE RD (LM 3.50 LT)		0.1	1.0	0.02	3.0	0.01	0.1	0.8
YOUNG LANE (LM 3.93 LT)		0.1	1.0	0.02	2.0	0.01	0.1	0.5
WATER CURE RD (ML 3.93 RT)		0.1	1.0	0.02	3.0	0.01	0.1	0.8
SR-121 (LM 6.00 RT)		0.1	1.0	0.03	3.0	0.01	0.1	0.8
DRIVEWAYS				0.80	96.0	0.29	3.1	26.9
TOTALS	789.0	86.0	998.0	29.00	3693.0	12.00	125.0	1043.0

BRIDGE DECK RECOMMENDATIONS (RESURFACING)				
BRIDGE NUMBER	LOG MILE	CROSSES OVER	BRIDGE LENGTH	BRIDGE DECK RECOMMENDATIONS
26SR0500001 26-SR50-1.57 E-7-103 BR-106-86	1.570	ELK RIVER	546.5'	LEAVE AS IS. (HYDRO-BLAST EXISTING MARKINGS AND RE-STRIPES WITH CONTRAST MARKINGS). THE CONTRACTOR SHALL USE ANY MEASURES NECESSARY TO PREVENT RUN-OFF MATERIALS FROM ENTERING THE ELK RIVER.
26SR0500003 26-SR50-1.99 CONC. CULVERT	1.990	MURRELL CREEK (3@ 10'x8')	46'	PAVE WITH PLANS MIX / TREATMENT TYPE

STORM DRAIN ADJUSTMENTS (RESURFACING)

NO STORM DRAIN ADJUSTMENTS INCLUDED IN THIS PROJECT.

SNOWPLOWABLE PVMT MARKERS

FROM LOG MILE	TO LOG MILE	SPACING (LF)	716-01.21 SNOWPLOWABLE RAISED PVMT MARKERS (BI-DIR) (1 COLOR) (EACH)
0.00	1.06	40.0	140
1.06	2.66	80.0	106
2.66	3.31	40.0	86
3.31	6.06	80.0	182
TOTAL			514

UTILITY ADJUSTMENTS (RESURFACING)

NO UTILITY AJDUSTMENTS INCLUDED IN PROJECT.

UTILITY ADJUSTMENTS (BY OTHERS)

TYPE	OWNER	NUMBER
WATER VALVE ON CLINE RIDGE ROAD		1
WATER VALVE ON YOUNG LANE		1

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 7 MILES	36" 18"	4.5	2	9.0
G20-2	END ROAD WORK	36" 18"	4.5	3	13.5
W20-1	ROAD WORK AHEAD	36" 36"	9.0	6	54.0
* W16-18P	"ON SR-50" PLAQUE	24" 30"	5.0	3	15.0
W20-7	FLAGGER	36" 36"	9.0	2	18.0
W20-1	ROAD WORK 1 MILE	36" 36"	9.0	3	27.0
W20-1	ROAD WORK 1/2 MILE	36" 36"	9.0	3	27.0
W20-1	ROAD WORK 1000 FT	36" 36"	9.0	3	27.0
W20-4	ONE LANE ROAD AHEAD	36" 36"	9.0	2	18.0
W3-4	BE PREPARED TO STOP	36" 36"	9.0	2	18.0
W21-2	FRESH OIL	36" 36"	9.0	2	18.0
W8-7	LOOSE GRAVEL	36" 36"	9.0	4	36.0
* TO BE MOUNTED WITH ADVANCE ROAD WORK SIGNS ON SR-121. SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.				TOTAL	280.5

PROPOSED GUARDRAIL DELINEATION (RESURFACING)

705-04.22 GUARDRAIL DELINEATION ENHANCEMENT (BI-DIR) 450 EACH	COMMENTS
	DELINEATORS SHALL BE: <ul style="list-style-type: none">“HINGED-TYPE” DELINEATORS FROM TDOT’S CURRENT QPL.SECTIONS.INSTRUCTION.ATTACHED USING MANUFACTURERS RECOMMENDED ADHESIVE.LOCATIONS AS DIRECTED BY THE TDOT PROJECT ENGINEER.

12-12-2024



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

12/11/2024 8:09:37 AM
M:\Design County Folders\A-PAVEMENT PROGRAM\2025\STATE ROUTES\129607-00-Franklin-50 LM 0.00-6.06\Sheet Files\01-003-1 - UtilityNotes-Owners.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	3
		26S050-F8-005	
		26S050-F3-005	

UTILITY

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (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
1103 S Hamilton Street
Dalton GA 30720
CONTACT: Eric Chadwick
CELL PHONE: 706 483 4925
Email: eric.chadwick@charter.com

ELECTRIC:

Tennessee Valley Authority
1101 Market St MR-4G
Chattanooga TN 37402
CONTACT: Stephen Williams
CELL PHONE: 862 255 6272
Email: sewilliams@tva.gov

CATV:

Comcast (Xfinity)
660 Mainstream Drive
Nashville TN 37228
CONTACT: Paul Johnson
Email:
NAS-NashvilleConstructionBetterments@comcast.com

SEWER & WATER:

Decherd, City of
PO Box 488
Decherd TN 37324
CONTACT: Mary Nell Hess
OFFICE PHONE: 931 967 5181
Email: marynell.hess@dechardtn.gov

TELEPHONE:

Bellsouth dba AT&T
116 South Cannon Avenue
Murfreesboro, TN 37129
CONTACT: Kenneth Lee Kornegay
OFFICE PHONE: 615 848 2082
Email: kk4096@att.com

FIBER OPTICS:

Monster Broadband
1105 Dinah Shore Boulevard
Winchester TN 37398
CONTACT: Charles Johnston
OFFICE PHONE: 931 361 0111
Email: cjohnston@djullc.com

ELECTRIC:

Duck River Electric Membership Corp.
PO Box 89
Shelbyville TN 37160
CONTACT: Billy Tiller
OFFICE PHONE: 931 680 5850
Email: btiller@dremc.com

FIBER OPTICS:

AT&T
360 Gees Mill Business Parkway
Conyers GA 30013
CONTACT: Trina Ivey
OFFICE PHONE: 678 641 5522
Email: ki2863@att.com

GAS:

Elk River Public Utility District
PO Box 970
Tullahoma TN 37388
CONTACT: Levold Baltimore
OFFICE PHONE: 931 455 9311
Email: lbaltimore@erpud.com

GAS

Navitas Utilities
3186 Airway Avenue, Suite D1
Costa Mesa CA 92626
CONTACT: Thomas Hartline
OFFICE PHONE: 949 331 7496
Email: thartline@navitasutility.com

ELECTRIC:

Winchester Utilities
219 Second Avenue NW
Winchester TN 37398
CONTACT: Chris Zimmerman
OFFICE PHONE: 931 967 2238
Email: czimmerman@winchesterutilities.com

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

UTILITY NOTES
AND
UTILITY OWNERS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP/HSIP-50(86)	T1
		26S050-F8-005	
		26S050-F3-005	

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:
- DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:
 - 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.
 - DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - 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.

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DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE
DROP-OFF NOTES
FOR
TRAFFIC CONTROL