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**Anthony Lee Washington III**  
**2024.01.09 16:15:49-06'00'**

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HDR ENGINEERING, INC.  
120 BRENTWOOD COMMONS WAY  
SUITE 525  
BRENTWOOD, TN 37027  
ANTHONY L. WASHINGTON, III, P.E. 119749

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

<b>SHEET NAME</b>	<b>SHEET NO.</b>
SIGNATURE SHEET .....	ROADWAY-SIGN1
TITLE SHEET .....	1
ROADWAY INDEX AND STANDARD DRAWINGS .....	1A
ESTIMATED ROADWAY QUANTITIES .....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2A
GENERAL NOTES.....	2B
SPECIAL NOTES.....	2C
UTILITY NOTES AND OWNERS .....	2C1
ENVIRONMENTAL NOTES.....	2D, 2D1
TABULATED QUANTITIES .....	2E
RAILROAD SIGNING DETAILS .....	2F

YEAR	PROJECT NO.	SHEET NO.
2024	NH/HSP-46(43)	ROADWAY-SIGN 1

**STATE OF TENNESSEE**  
**DEPARTMENT OF TRANSPORTATION**

**SIGNATURE**  
**SHEET**

Index Of Sheets  
SEE SHEET NO. 1A

# STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

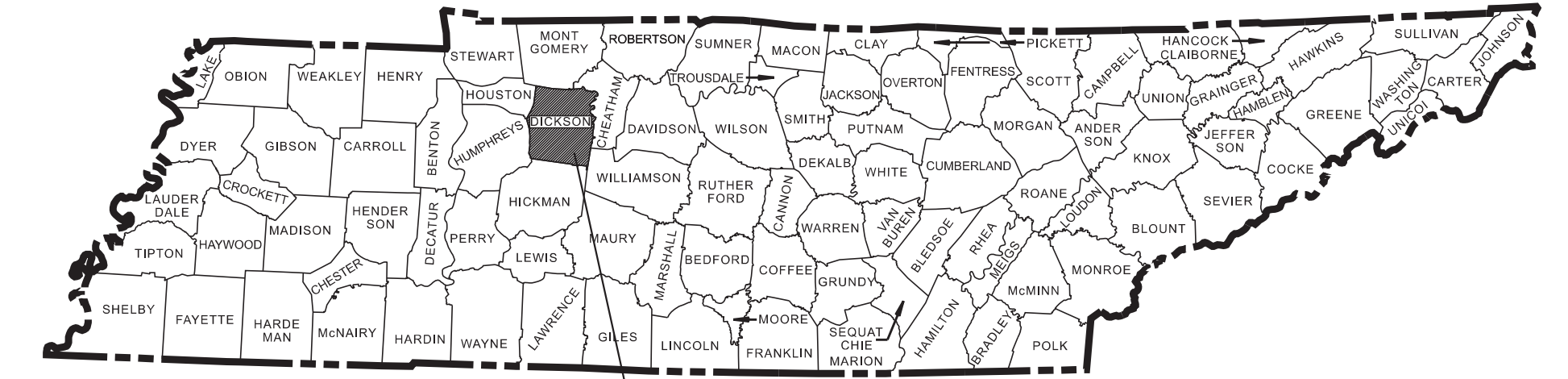
## DICKSON COUNTY

STATE ROUTE 46  
FROM ROBIN HOOD ROAD (L.M. 4.24)  
TO NEAR SR-47 (L.M. 7.98)

RESURFACE & SAFETY  
MILL & 411D OVERLAY, GUARDRAIL, SIGNING AND PAVEMENT MARKING  
STATE HIGHWAY NO. 46 F.A.H.S. NO. N/A

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

TENN.	YEAR	SHEET NO.
	2024	1
FED. AID PROJ. NO.	NH/HSIP-46(43)	
STATE PROJ. NO.	22S046-F3-007	
STATE PROJ. NO.	22S046-F8-007	



PROJECT LOCATION  
BRIDGE ID. # 22SR0460001

22S046-F3-007  
22S046-F8-007  
END PROJECT NO. NH/HSIP-46(43) RESURFACE & SAFETY  
L.M. 7.98

SOUTH CENTRAL TN RAILROAD (SCTR) CROSSING #351039W  
S.R. 46 L.M. 4.57  
SCTR (WA 0005.100)

22S046-F3-007  
22S046-F8-007  
BEGIN PROJECT NO. NH/HSIP-46(43) RESURFACE & SAFETY  
L.M. 4.24

### 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.

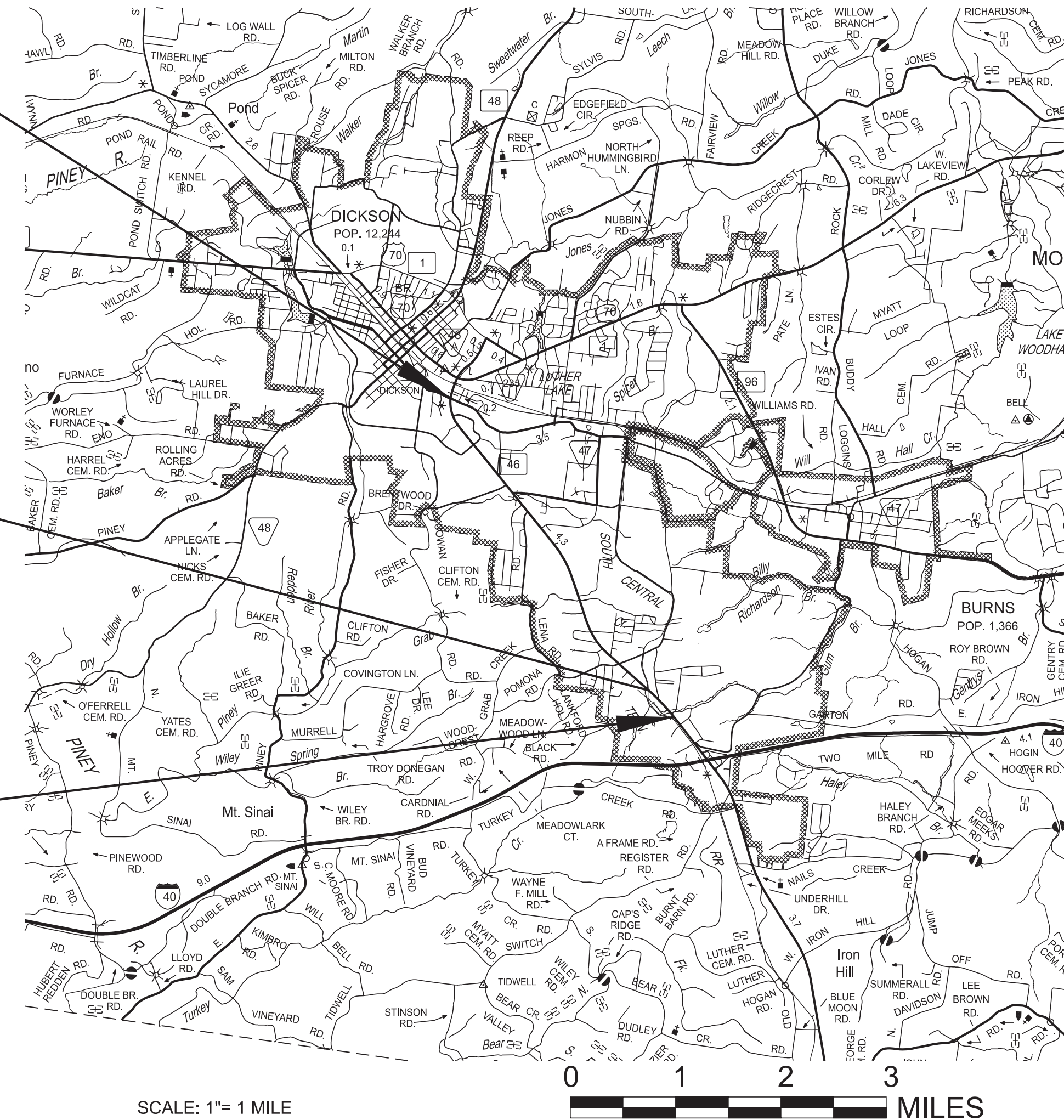
TDOT ROAD SP. SV. 2 : MATTHEW MCKAY, P.E.

DESIGNED BY : HDR ENGINEERING, INC.

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

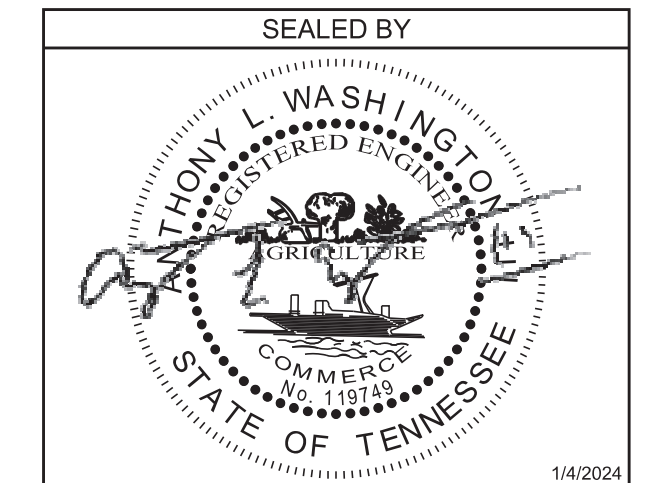
P.E. NO. 98034-4299-04 (DESIGN)

PIN NO. 129491-00



PROJECT LENGTH 3.74 MILES  
TOTAL LANE MILES RESURFACED 18.70 MILES

NO EXCLUSIONS



APPROVED: *Will Reid*  
WILL REID, CHIEF ENGINEER

DATE:

APPROVED: *Howard H. Eley*  
HOWARD H. ELEY, COMMISSIONER

TRAFFIC COUNTER AND WEATHER STATIONS	
STATION	LOG MILE
TCS093	4.35
TCS092	6.60

TRAFFIC DATA	
ADT (2024)	30,034
POSTED SPEED LM 4.24 - 7.47	45 MPH
POSTED SPEED LM 7.47- 7.98	35 MPH

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: \_\_\_\_\_  
DIVISION ADMINISTRATOR DATE

# ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS.....	ROADWAY-SIGN1
TITLE SHEET .....	1
ROADWAY INDEX AND STANDARD DRAWINGS.....	1A
ESTIMATED ROADWAY QUANTITIES .....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2A
GENERAL NOTES.....	2B
SPECIAL NOTES.....	2C
UTILITY NOTES AND OWNERS .....	2C1
ENVIRONMENTAL NOTES.....	2D, 2D1
TABULATED QUANTITIES .....	2E
RAILROAD SIGNING DETAILS .....	2F
PAVEMENT MARKING IMPROVEMENTS.....	2G
NOTE: THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.	
NO PROJECT COMMITMENT SHEETS INCLUDED IN THIS SET OF PLANS,	
NO UTILITY SHEETS.	

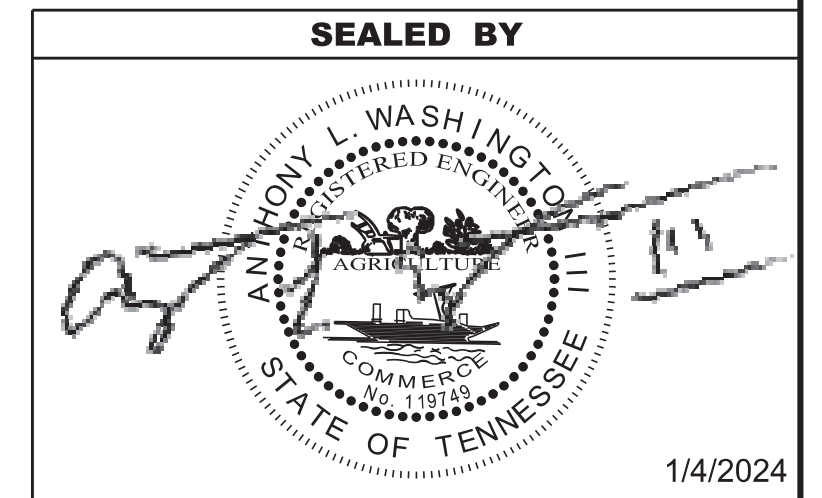
# STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
<b>STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS</b>		
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
<b>SAFETY DESIGN AND GUARDRAILS</b>		
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-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)
<b>DESIGN - TRAFFIC CONTROL</b>		
T-M-1	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	07-07-23	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	07-17-20	STANDARD INTERSECTION PAVEMENT MARKINGS
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-40	03-05-17	RIGHT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-41	03-05-17	LEFT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-FAB1		FLASHING YELLOW ARROW BOARD

# STANDARD TRAFFIC OPERATIONS DRAWINGS

DWG.	REV.	DESCRIPTION
<b>SIGNS</b>		
T-S-16	07-02-15	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-17	07-11-17	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-19	06-12-20	STANDARD STEEL SIGN SUPPORTS
<b>SIGNALS</b>		
T-SG-2	06-27-16	LOOP LEAD-INS, CONDUIT AND PULL BOXES
T-SG-3	07-11-17	STANDARD NOTES AND DETAILS OF INDUCTIVE LOOPS
<b>RAILROAD CROSSING</b>		
T-RR-1	11-01-11	TYPICAL PAVEMENT MARKING AT RAILROAD ACTIVE HIGHWAY GRADE CROSSINGS AND RAILROAD ADVANCE WARNING SIGN
T-RR-3	11-01-11	STANDARD DRAWING FOR RAILROAD-HIGHWAY CROSSING SIGNAL
T-RR-5	11-01-11	RAILROAD-HIGHWAY CROSSING SIGNAL WITH CANTILEVER SPAN

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2024	NH/HSIP-46(43)	1A



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

ROADWAY INDEX  
AND  
STANDARD  
DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2024	NH/HSIP-46(43)	2

### ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY		TOTAL QUANTITY
			22S046-F8-007	22S046-F3-007	
(1)(2)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	7.5		7.5
(3)	307-02.07 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M	TON	300		300
(4)	403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	77		77
(5)	411-02.10 ACS MIX (PG70-22) GRADING D	TON	11829		11829
(6)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	11519		11519
(7)	705-02.10 GUARDRAIL TRANSITION 27IN TO 31IN	EACH		2	2
(7)	705-04.09 EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH		2	2
(7)	705-06.20 TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH		2	2
(7)	706-01 GUARDRAIL REMOVED	L.F.		100	100
(8)	712-01 TRAFFIC CONTROL	LS	1		1
(9)	712-06 SIGNS (CONSTRUCTION)	S.F.	1340		1340
	712-08.03 ARROW BOARD (TYPE C)	EACH	2		2
(10)	713-02.21 SIGN POST DELINEATION ENHANCEMENT	L.F.	12		12
(10)	713-15.36 REMOVE SIGN, SUPPORT & FOOTING	EACH	4		4
(10)	713-16.09 RAILROAD ADVANCE WARNING SIGN AND SUPPORT	EACH	2		2
(10)	713-16.21 SIGNS (GRADE CROSSING ADVANCE WARNING SIGN, W10-2)	EACH	2		2
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	522		522
	716-01.22 SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	532		532
	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	1054		1054
(11)	716-02.04 PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	300		300
(10)(11)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	682		682
(11)	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	25		25
(11)	716-02.08 PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.		412	412
(11)	716-02.12 PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.		0.5	0.5
(10)(11)	716-03.02 PLASTIC WORD PAVEMENT MARKING (RXR)	EACH	4		4
(11)	716-04.02 PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	EACH	13		13
(12)	716-05.01 PAINTED PAVEMENT MARKING (4" LINE)	L.M.	19		19
(13)	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	19		19
(13)	716-12.05 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	2275		2275
	717-01 MOBILIZATION	LS	1		1
(14)	730-14.02 SAW SLOT	L.F.	3500		3500
(14)	730-14.03 LOOP WIRE	L.F.	7000		7000

### FOOTNOTES

- (1) TO BE USED AS DIRECTED BY THE ENGINEER.
- (2) NO DIRT OR DEBRIS TO BE LEFT ON SHOULDER, THIS WORK TO BE PERFORMED BEFORE ALL OTHER OPERATIONS.
- (3) TO BE USED AS DIRECTED BY THE ENGINEER. INCLUDES 300 TONS FOR SPOT LEVELING.
- (4) INCLUDES 2 TONS FOR SIDE ROADS
- (5) INCLUDES 53 TONS FOR SIDE ROADS
- (6) INCLUDES 19 TONS FOR SIDE ROADS.
- (7) SEE PROPOSED GUARDRAIL (RESURFACING), SHEET 2E.
- (8) THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (9) THE CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF CONSTRUCTION SIGNS. IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORARILY DESIGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING APPROVED BY THE ENGINEER. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BIDFOR ITEM NO 712-06 SIGNS (CONSTRUCTION)
- (10) SEE RAILROAD SIGNING DETAILS SHEET 2F.
- (11) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (12) ITEM TO BE USED FOR TEMPORARY PAVEMENT MARKING.
- (13) ITEM TO BE USED AS PERMANENT MARKING ONLY.
- (14) TO BE USED FOR LOOP DETECTION REPLACEMENT AT THE FOLLOWING INTERSECTIONS: L.M 4.93, L.M. 6.46, L.M. 6.74, L.M. 7.09, L.M. 7.47, L.M. 7.72 AND L.M. 7.98.

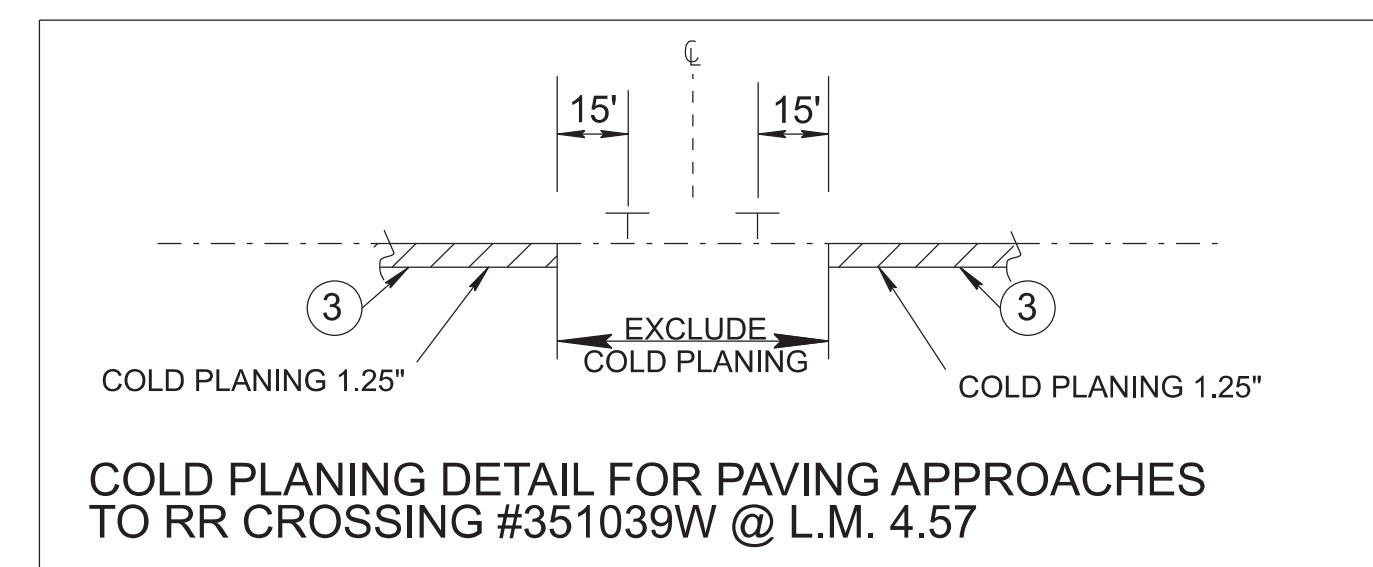
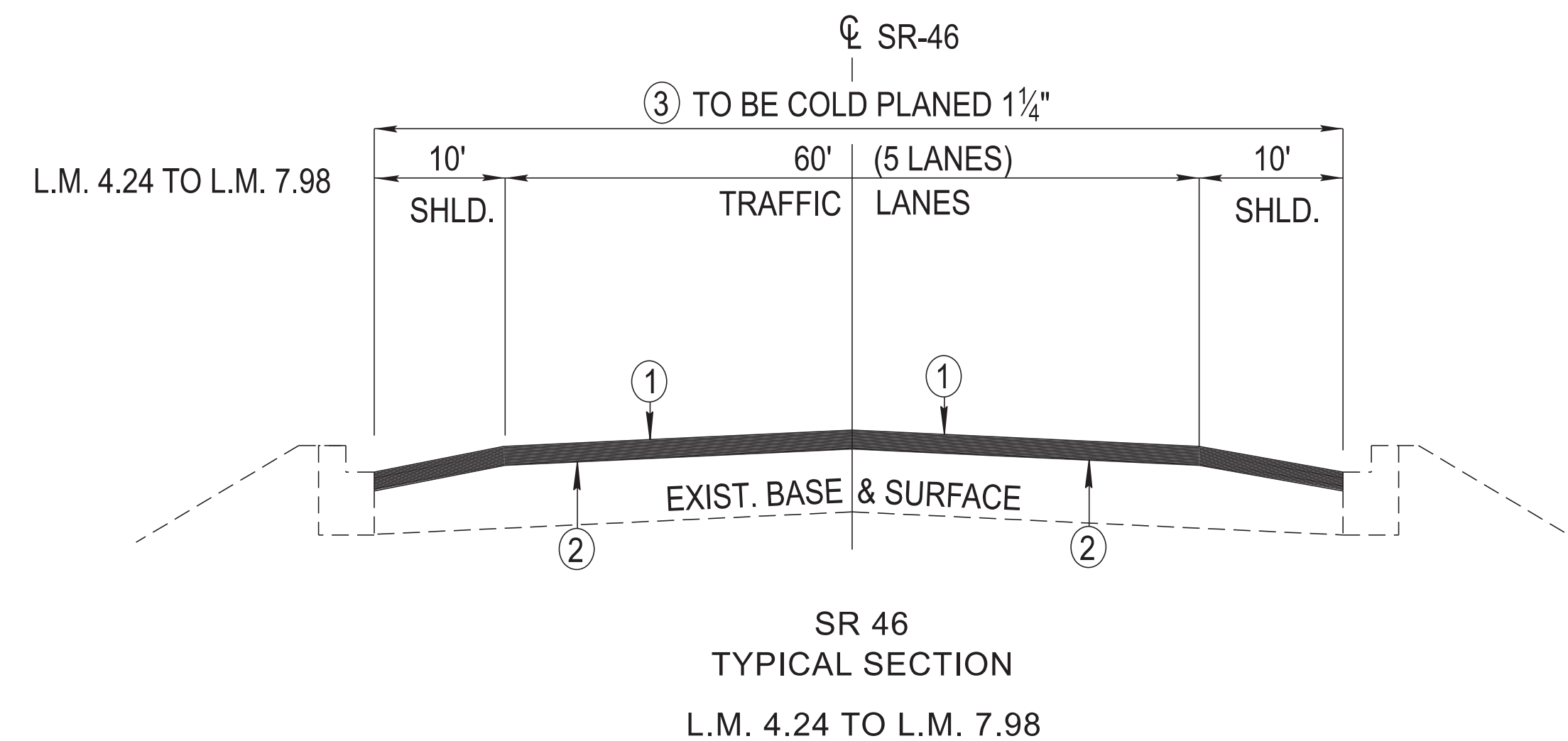
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**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

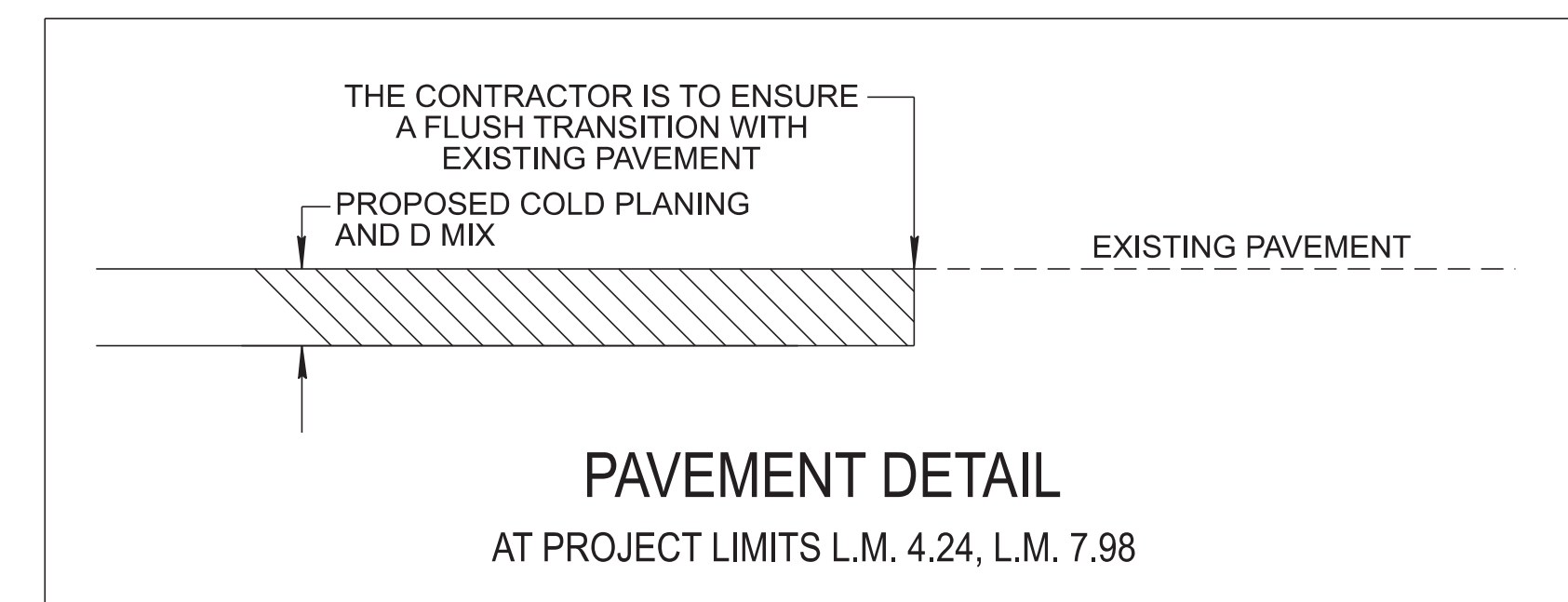
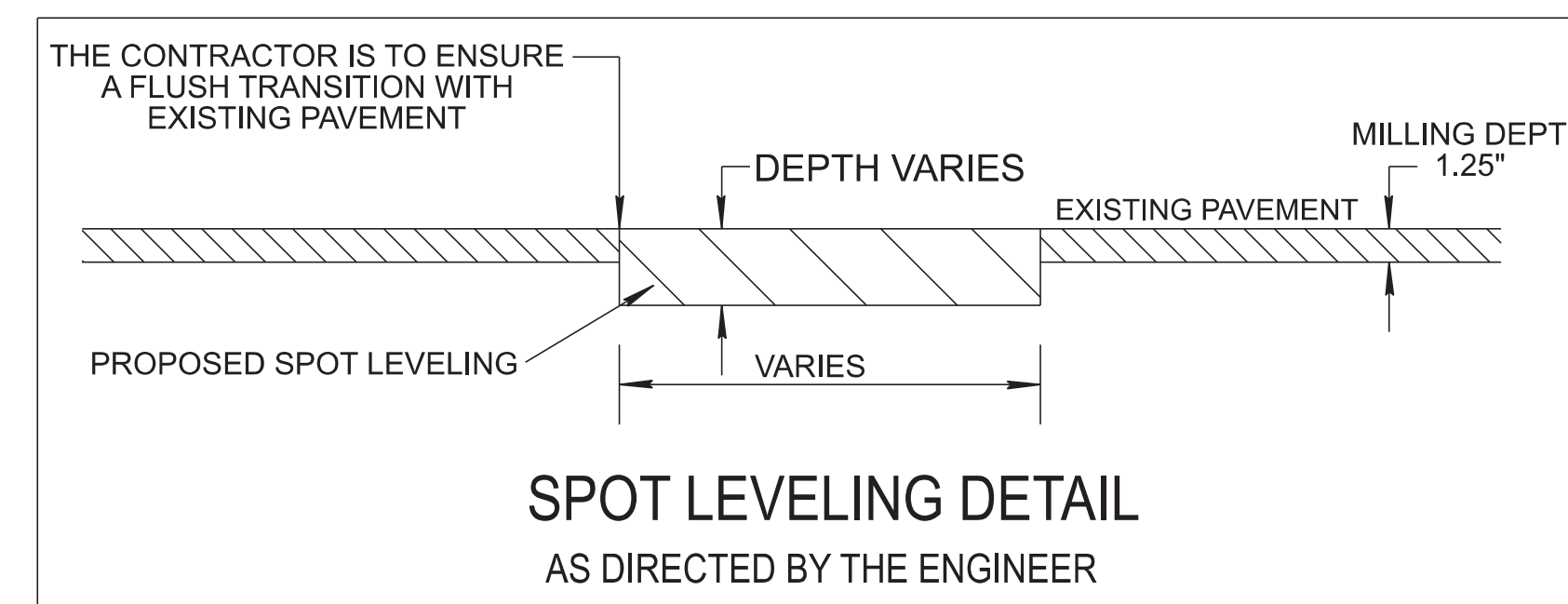
ESTIMATED  
ROADWAY  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2024	NH/HSIP-46(43)	2A



CONTRACTOR SHALL COLD PLANE AS CLOSE AS PRACTICAL TO THE FIELD SIDES OF THE GRADE CROSSING SURFACE RUBBER RAIL SEAL STRIPS AND RESURFACE LEVEL WITH THE TOP OF THE CROSSING RAILS ON EACH SIDE OF THE CROSSING.

PROPOSED PAVEMENT SCHEDULE	
①	SURFACE @ 1.25" THICK (132.5 LB/S.Y.) 411-02.10 ACS MIX (PG70-22) GRADING D (TON)
②	TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (TON) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
③	COLD PLANING @ 1.25" THICK (131.25 LB/S.Y.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT (TON)



**SEALED BY**

ANTHONY L. WASHINGTON  
REGISTERED ENGINEER  
COMMERCIAL  
NO. 115145  
STATE OF TENNESSEE

1/4/2024

**NOT TO SCALE**

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

TYPICAL  
SECTIONS AND  
PAVEMENT  
SCHEDULE

# GENERAL NOTES

## GRADING

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

## GUARDRAIL

- (1) THE CONTRACTOR SHALL NOT REMOVE ANY SECTIONS OF EXISTING GUARDRAIL TO REWORK SHOULDERS OR FLATTEN SLOPES UNTIL THE ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO CONSTRUCTION REQUIREMENTS AND THE APPROPRIATE WARNING DEVICES ARE INSTALLED. THE PROPOSED GUARDRAIL, INCLUDING ANY ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION OF PROPOSED 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

- (5) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:
  - a. SHOULDERS SHALL BE BROOMED AND DE-GRASSED AND MATERIAL SHALL BE PICKED UP AND REMOVED. THIS WILL BE PAID FOR UNDER ITEM NO. 208-01.05.
  - b. 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.

## SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

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

## PAVEMENT

### 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.
- (7) ON CURB AND GUTTER SECTIONS, PUBLIC ROAD INTERSECTIONS SHALL BE RESURFACED TO THE END OF RADIUS. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD SHALL BE PROVIDED.
- (8) ON URBAN TYPICAL SECTIONS, (CURB AND GUTTER), RESIDENTIAL DRIVEWAYS AND BUSINESS ENTRANCES SHALL HAVE A MINIMUM WIDTH OF MATERIAL NOT LESS THAN ONE FOOT USED IN THE TRANSITION TO FEATHER THE PAVEMENT EDGE.
- (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

- (13) AFTER THE PERMANENT SIGN LOCATIONS HAVE BEEN STAKED, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE ONSTRUCTION FIELD OFFICE. PAYMENT FOR LOCATION AND STAKING SHOULD BE INCLUDED IN THE BID PRICE FOR OTHER ITEMS OF CONSTRUCTION. ANY RELOCATION REQUIRED, DUE TO THE SIGN NOT BEING INSTALLED IN THE CORRECT LOCATION, WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

### SIGNALIZATION

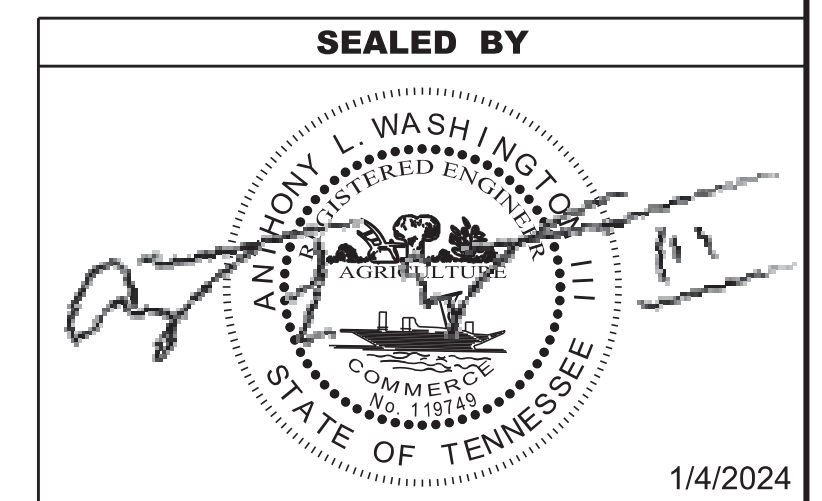
- (11) THE PROJECT ENGINEER SHALL NOTIFY THE LOCAL GOVERNMENTAL AGENCY RESPONSIBLE FOR TRAFFIC CONTROL MAINTENANCE AT LEAST ONE DAY IN ADVANCE OF THE COLD PLANING ACTIVITY AT SIGNALIZED INTERSECTIONS WHERE DETECTOR LOOPS ARE ON THE PAVEMENT. THE MAINTAINING AGENCY WILL THEN BE RESPONSIBLE FOR DISCONNECTING THE LOOP DETECTORS AND MAKING ANY NECESSARY TIMING ADJUSTMENTS IN THE SIGNAL CONTROLLER PRIOR TO THE CONSTRUCTION.
- (12) THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR SUPPLYING THE CONTRACTOR WITH AS-BUILT SIGNAL PLANS AT THE PRE-CONSTRUCTION CONFERENCE. THESE PLANS WILL PROVIDE THE CONTRACTOR WITH THE DESIRED LOCATION FOR DETECTOR LOOP REPLACEMENT.
- (14) LOOP REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.

### CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
- (2) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- (3) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- (4) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.

- (5) USE OF BARRICADES, PORTABLE BARRIER RAILS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (6) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT 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.

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STATE OF TENNESSEE  
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GENERAL  
NOTES

# SPECIAL NOTES

## MISCELLANEOUS

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

## PAVEMENT

### PAVING

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

### RESURFACING

- (5) DURING COLD PLANING OPERATION, A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION WILL REMAIN OPEN.
- (6) AFTER ANY COLD PLANING OPERATION, TEMPORARY STRIPING WILL BE REQUIRED BEFORE RETURNING TRAFFIC ONTO EXCAVATED ROADWAY.

### CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) ANY WORK REQUIRING LANE CLOSURES INCLUDING PAVEMENT MARKING OPERATIONS SHALL BE AT NON-PEAK HOURS (9:00 A.M. TO 3:00 P.M. OR 7:00 P.M. TO 6:00 A.M.) UNLESS OTHERWISE DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
- (2) THE CONSTRUCTION SIGNS, FLAGMEN AND OTHER TRAFFIC CONTROL DEVICES WILL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (3) ONE ADVANCE ROAD CONSTRUCTION AHEAD SIGN IS TO BE PLACED IN ALL LOCAL SIDE ROADS PRIOR TO THEIR INTERSECTION WITH THE PROPOSED PROJECT. LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OR CONTRACTORS' SUPERINTENDENT.

### WORK RESTRICTIONS

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

## RAILROAD CROSSING NOTES

- (1) SEE AGREEMENTS / STATE CONTRACT SPECIAL PROVISION 105C FOR WORK UP TO AND NEAR THE RAILROAD CROSSING (I.E. INCLUDING RAILROAD OVER, OR RAILROAD UNDER), REGARDING FLAGGING AND INSURANCE REQUIREMENTS.
- (2) THE CONTRACTOR MAY NOT USE SCTRR RIGHT-OF-WAY, FOR STORAGE OF MATERIALS OR EQUIPMENT, WITHOUT PRIOR WRITTEN APPROVAL FROM SCTRR.
- (3) THE CONTRACTOR SHALL ALWAYS CONDUCT ITS WORK, IN A MANNER WHICH WILL PROTECT SCTRR'S PROPERTY, TRACK, AND STRUCTURES FROM DAMAGE AND WITHOUT INTERRUPTION TO TRAIN OPERATIONS. IF ANY CONSTRUCTION EQUIPMENT COMES INTO CONTACT WITH A RAILROAD BRIDGE STRUCTURAL COMPONENT (I.E. SUBSTRUCTURE, OR SUPERSTRUCTURE), ALL WORK MUST BE STOPPED, AND THE INCIDENT IMMEDIATELY REPORTED TO THE ASSIGNED RAILROAD REPRESENTATIVE.
- (4) REVIEW SHOULD BE MADE OF ALL BRIDGE OVERHEAD CLEARANCE SIGNS AND UPDATES MADE AND NEW SIGNS INSTALLED, AS NECESSARY.
- (5) ANY FLAGGING SERVICE REQUIRED, WHEN IN THE OPINION OF SCTRR THAT SUCH SERVICE IS NECESSARY FOR THE SAFETY OF ITS OPERATIONS BECAUSE OF WORK BEING PERFORMED BY THE CONTRACTOR OR IN CONNECTION THEREWITH, WILL BE PROVIDED BY THE RAILROAD. IF FLAGGING IS REQUIRED, AT LEAST THIRTY (30) DAYS ADVANCED NOTICE MUST BE GIVEN TO THE RAILROAD REPRESENTATIVE, TO SCHEDULE A RAILROAD FLAGMAN.
- (6) THE CONTRACTOR SHALL NOTIFY AND COORDINATE THEIR WORK WITH THE FOLLOWING SCTRR REPRESENTATIVES:

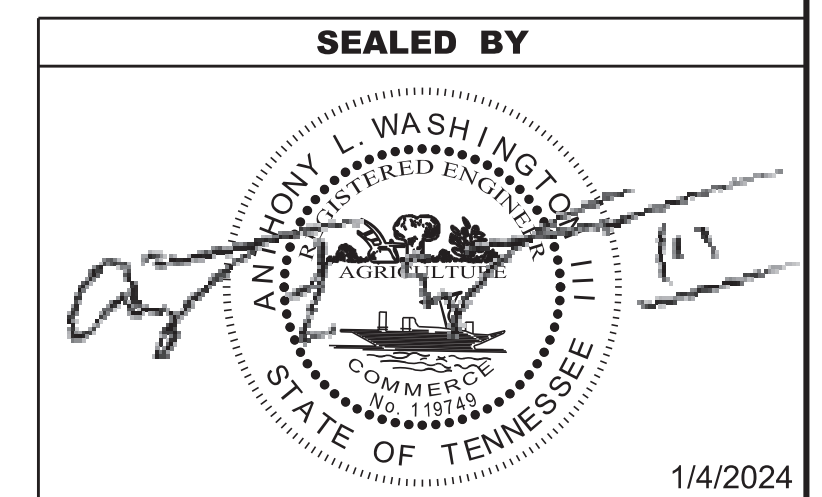
CROUCH ENGINEERING, INC.  
 5115 MARYLAND WAY, SUITE 225  
 BRENTWOOD, TN 37027  
 ATTN: MR. SCOTT VICK, P.E. PROJECT DIRECTOR  
 PHONE: (615) 791-0630  
 EMAIL: SVICK@CROUCHENGINEERING.COM

SOUTH CENTRAL TENNESSEE RAILROAD  
 MR. JEFF GASPARD, GENERAL MANAGER  
 615-418-2946

## PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

- (1) 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. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
    - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
    - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
    - d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

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**STATE OF TENNESSEE  
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SPECIAL  
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# UTILITY NOTES AND OWNERS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2024	NH/HSIP-46(43)	2C1

## UTILITIES

- (1) 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

**CABLE:**  
**COMCAST**  
 660 Mainstream Drive  
 Nashville, TN 37228  
 Gary McKinney  
 gary\_mckinney@comcast.com  
 C: 615-456-6397

**ELECTRIC:**  
**DICKSON ELECTRIC SYSTEM**  
 236 COWAN RD.  
 DICKSON, TN 37056  
 MIKE BILLINGSBY  
 MBILLINGSBY@DICKSONELECTRIC.COM  
 O: 615-441-6301  
 C: 615-210-9137

**PHONE:**  
**AT&T**  
 116 S. Cannon Ave.  
 Murfreesboro, TN 37129  
 KENNETH LEE KORNEGAY  
 kk4096@att.com  
 O: 615-843-2082  
 C: 615-631-7221

**GAS:**  
**GREATER DICKSON GAS AUTHORITY**  
 605 East Walnut Street  
 Dickson, TN 37055  
 Mark O'Neal  
 moneal@gdga.com  
 O:615-441-2830

**JERRY MASSIE**  
 jmassie@gdga.com  
 O: 615-441-2848  
 C: 615-878-1027

**Water and Sewer:**  
**Water Authority of Dickson County**  
 101 COWAN ROAD  
 DICKSON, TN 37055  
 Michael Rogers  
 mrogers@wadc.us  
 O:615-441-5403

**Water:**  
**SYLVIA TENNESSEE CITY POND WATER**  
 102 Pond Circle Road  
 Dickson, TN 37055  
 Matthew Poynor  
 stcpud@gmail.com  
 O:615-533-9080  
 C:615-446-8888

**FIBER OPTIC:**  
**Cogent Communications (formerly Sprint-T-Mobile Communications)**  
 1594 Highway 73  
 Marianna, FL 32448  
 Clifton Neal  
 cneal@cogentco.com  
 O:800-521-0579  
 C: 850-696-5972

SEALED BY



STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION

UTILITY NOTES  
 AND  
 OWNERS



# ENVIRONMENTAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
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## 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.

### ECOLOGY

- (2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR A DESIGNATED CONSULTANT WILL NEED TO BE ONSITE FOR WORK BEING DONE WHICH COULD AFFECT WATERS OF THE STATE/U.S. OR SPECIES.
- (3) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS THAT MUST BE FOLLOWED.
- (4) ALL PROJECTS WITH LEGALLY PROTECTED SPECIES OR CRITICAL HABITAT IDENTIFIED SHALL HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER WATERS OF THE STATE/U.S.

### SCOPE OF WORK

- (6) THIS PROJECT INCLUDES COLD PLANING, RESURFACING, PAVEMENT MARKINGS, SIGNS, AND TEMPORARY TRAFFIC CONTROL.

## EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

### DISTURBED AREA

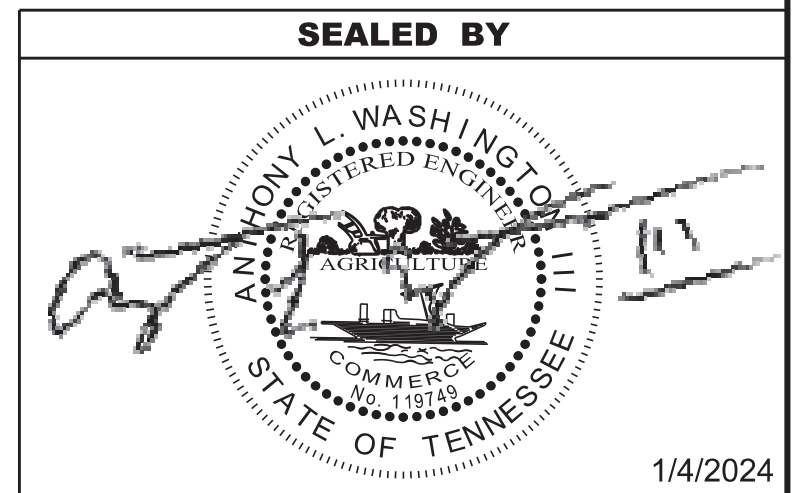
- (1) IF DISTURBED ACREAGE IS EQUAL TO ONE ACRE OR MORE, PLEASE CONTACT TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION AS SOON AS POSSIBLE BECAUSE AN NPDES PERMIT WILL BE REQUIRED.

### 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.



STATE OF TENNESSEE  
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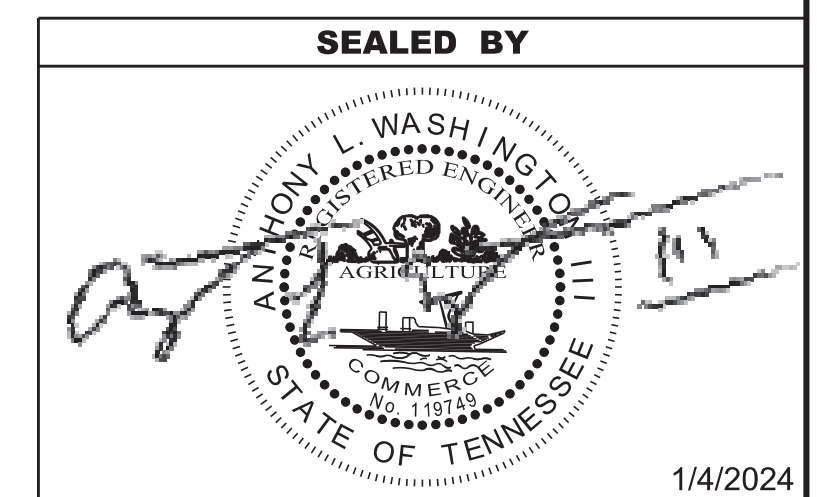
ENVIRONMENTAL  
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# ENVIRONMENTAL NOTES (CONT.)

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2024	NH/HSIP-46(43)	2D1

## 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.



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

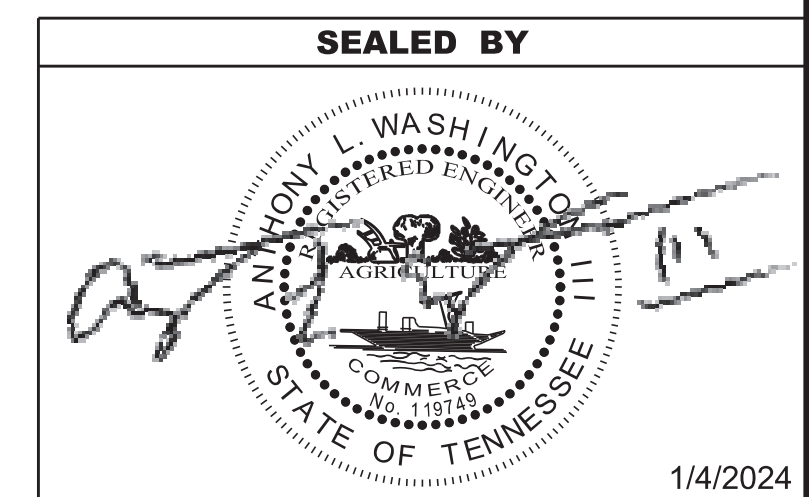
ENVIRONMENTAL  
NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2024	NH/HSIP-46(43)	2E

TRAFFIC CONTROL SIGN TABULATION (RESURFACING)						
M.U.T.C.D. SIGN NO.	LEGEND \ DESCRIPTION	SIZE IN INCHES		S.F.	TOTAL NUMBER REQUIRED	ITEM NO. 712-06 S.F.
		L	x W			
G20-1	ROAD WORK NEXT 4 MILES	48"	x 24"	8	2	16
G20-2	END ROAD WORK	48"	x 24"	8	27	216
R3-8M	ADVANCE INTERSECTION LANE CONTROL	30"	x 30"	6	1	6
W4-2	LANE ENDS	48"	x 48"	16	2	32
W8-11	UNEVEN LANES	48"	x 48"	16	10	160
W8-15	GROOVED PAVEMENT	48"	x 48"	16	6	96
W8-15P	MOTORCYCLE PLAQUE	30"	x 24"	5	6	30
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 FEET	48"	x 48"	16	2	32
W20-1	ROAD WORK AHEAD	48"	x 48"	16	25	400
W20-5	LANE CLOSED	48"	x 48"	16	2	32
W20-7A	FLAGGER SYMBOL - PORTABLE	48"	x 48"	16	2	32
W21-2	FRESH OIL - PORTABLE	48"	x 48"	16	2	32
W21-5	SHOULDER WORK	48"	x 48"	16	12	192
THIS CONSTRUCTION SIGNING IS TO BE AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.					TOTAL	1340

PROPOSED GUARDRAIL (RESURFACING)						
SIDE	LOG MILE	GUARDRAIL			TERMINAL ANCHORS	
		GUARDRAIL GR TRANSITION 27 IN TO 31 IN 705-02.10 (EACH)	EARTH PAD FOR TYPE 38 GR. END TREATMENT 705-04.09 (EACH)	GUARDRAIL REMOVED 706-01 (L.F.)	TYPE 38 MASH TL3 (26.896') 705-06.20 (EACH)	
LT	RT					
X		5.952	1	1	50	1
X		6.098	1	1	50	1
TOTALS			2	2	100	2

BRIDGE RECOMMENDATIONS			
LOCATION	BRIDGE NO.	LENGTH (FT.)	TREATMENT
L.M. 6.86	22SR0460001	26.00	PAVE WITH PLANS MIX/TREATMENT TYPE

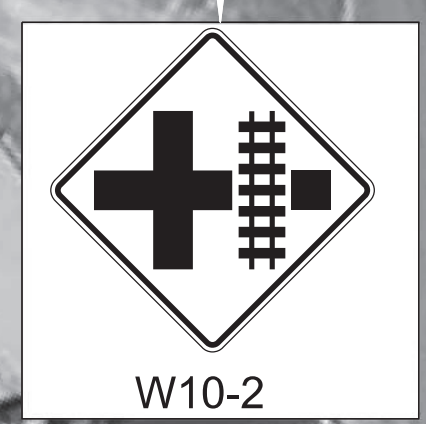


STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TABULATED  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2024	NH/HSIP-46(43)	2F

7. REMOVE THE EXISTING HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING SIGN (W10-2) ON THE SOUTHBOUND APPROACH ON FABRIC RD (0A730) LOCATED APPROXIMATELY 300 FEET IN ADVANCE OF THE INTERSECTION WITH HIGHWAY 46 (SR046). INSTALL ONE (1) NEW HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING SIGN (W10-2) ON THE SOUTHBOUND APPROACH ON FABRIC RD (0A730) LOCATED APPROXIMATELY 300 FEET IN ADVANCE OF THE INTERSECTION WITH HIGHWAY 46 (SR046) AS SPECIFIED BY TDOT STANDARD DRAWING T-S-16 AND IN ACCORDANCE WITH MUTCD SECTIONS 2C.05 AND 8B.06, TABLES 2C-4 AND 8B-1, AND FIGURE 8B-4. INSTALL A 2-INCH YELLOW RETROREFLECTIVE STRIP TO THE FRONT FACE OF THE SIGNPOST IN ACCORDANCE WITH MUTCD SECTION 2A.21.

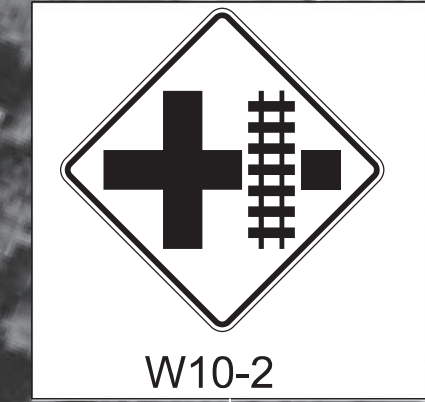


1. REMOVE THE EXISTING ADVANCE WARNING SIGN (W10-1) ON THE NORTHWEST BOUND APPROACH ON HIGHWAY 46 (SR046) LOCATED APPROXIMATELY 200 FEET IN ADVANCE OF THE CROSSING. INSTALL ONE (1) NEW HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING SIGN (W10-1) ON THE NORTHWEST BOUND APPROACH ON HIGHWAY 46 (SR046) ADJACENT TO THE NEW RXR PAVEMENT MARKINGS LOCATED APPROXIMATELY 200 FEET IN ADVANCE OF THE CROSSING AS SPECIFIED BY TDOT STANDARD DRAWINGS T-RR-1 AND T-S-16 AND IN ACCORDANCE WITH MUTCD SECTIONS 2C.05 AND 8B.06, TABLES 2C-4 AND 8B-1, AND FIGURES 8B-4 AND 8B-6. INSTALL A 2-INCH WIDE YELLOW RETROREFLECTIVE STRIP ON THE FRONT OF THE SIGNPOST IN ACCORDANCE WITH MUTCD SECTION 2A.21.

3. INSTALL NEW STOP LINES ON BOTH LANES OF BOTH APPROACHES ON HIGHWAY 46 (SR046) LOCATED APPROXIMATELY 8 FEET IN ADVANCE OF THE GATES BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL AS SPECIFIED BY TDOT STANDARD DRAWING T-RR-1 AND IN ACCORDANCE WITH MUTCD SECTION 8B.28 AND FIGURE 8B-6.



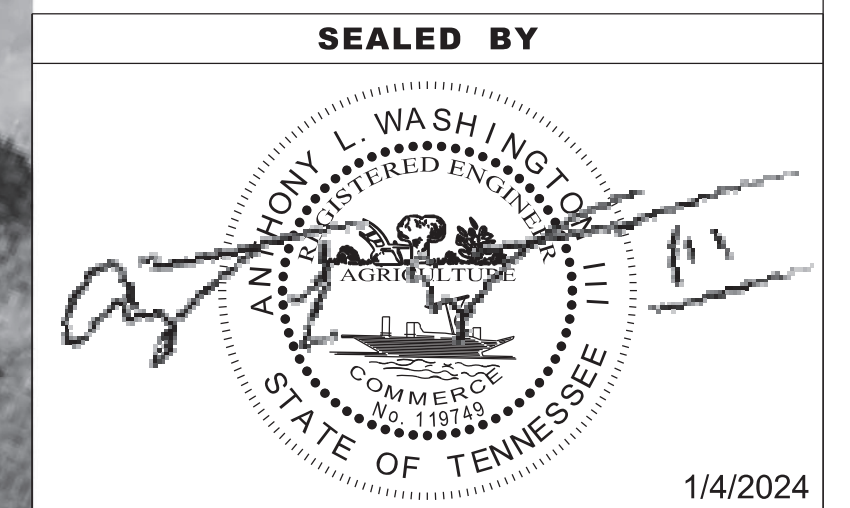
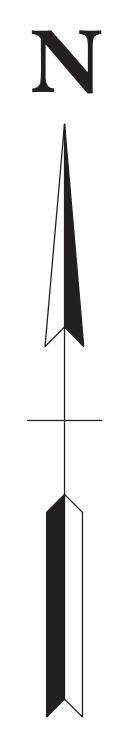
4. REMOVE THE EXISTING ADVANCE WARNING SIGN (W10-1) ON THE SOUTHEAST BOUND APPROACH ON HIGHWAY 46 (SR046) LOCATED APPROXIMATELY 200 FEET IN ADVANCE OF THE CROSSING. INSTALL ONE (1) NEW HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING SIGN (W10-1) ON THE SOUTHEAST BOUND APPROACH ON HIGHWAY 46 (SR046) ADJACENT TO THE NEW RXR PAVEMENT MARKINGS LOCATED APPROXIMATELY 200 FEET IN ADVANCE OF THE CROSSING AS SPECIFIED BY TDOT STANDARD DRAWINGS T-RR-1 AND T-S-16 AND IN ACCORDANCE WITH MUTCD SECTIONS 2C.05 AND 8B.06, TABLES 2C-4 AND 8B-1, AND FIGURES 8B-4 AND 8B-6. INSTALL A 2-INCH WIDE YELLOW RETROREFLECTIVE STRIP ON THE FRONT OF THE SIGNPOST IN ACCORDANCE WITH MUTCD SECTION 2A.21.



2. INSTALL NEW RXR PAVEMENT MARKINGS ON BOTH LANES OF THE NORTHWEST BOUND APPROACH ON HIGHWAY 46 (SR046) LOCATED APPROXIMATELY 200 FEET IN ADVANCE OF THE CROSSING AND ADJACENT TO THE NEW ADVANCED WARNING SIGN (W10-1) AS SPECIFIED BY TDOT STANDARD DRAWING T-RR-1 AND IN ACCORDANCE WITH MUTCD SECTION 8B.27 AND FIGURES 8B6 AND 8B-7.

5. INSTALL NEW RXR PAVEMENT MARKINGS ON BOTH LANES OF THE SOUTHEAST BOUND APPROACH ON HIGHWAY 46 (SR046) LOCATED APPROXIMATELY 200 FEET IN ADVANCE OF THE CROSSING AND ADJACENT TO THE NEW ADVANCED WARNING SIGN (W10-1) AS SPECIFIED BY TDOT STANDARD DRAWING T-RR-1 AND IN ACCORDANCE WITH MUTCD SECTION 8B.27 AND FIGURES 8B6 AND 8B-7.

6. REMOVE THE EXISTING HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING SIGN (W10-2) ON THE NORTHBOUND APPROACH ON KAISER CIR (0A730) LOCATED APPROXIMATELY 300 FEET IN ADVANCE OF THE INTERSECTION WITH HIGHWAY 46 (SR046). INSTALL ONE (1) NEW HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING SIGN (W10-2) ON THE NORTHBOUND APPROACH ON KAISER CIR (0A730) LOCATED APPROXIMATELY 300 FEET IN ADVANCE OF THE INTERSECTION WITH HIGHWAY 46 (SR046) AS SPECIFIED BY TDOT STANDARD DRAWING T-S-16 AND IN ACCORDANCE WITH MUTCD SECTIONS 2C.05 AND 8B.06, TABLES 2C-4 AND 8B-1, AND FIGURE 8B-4. INSTALL A 2-INCH YELLOW RETROREFLECTIVE STRIP TO THE FRONT FACE OF THE SIGNPOST IN ACCORDANCE WITH MUTCD SECTION 2A.21.

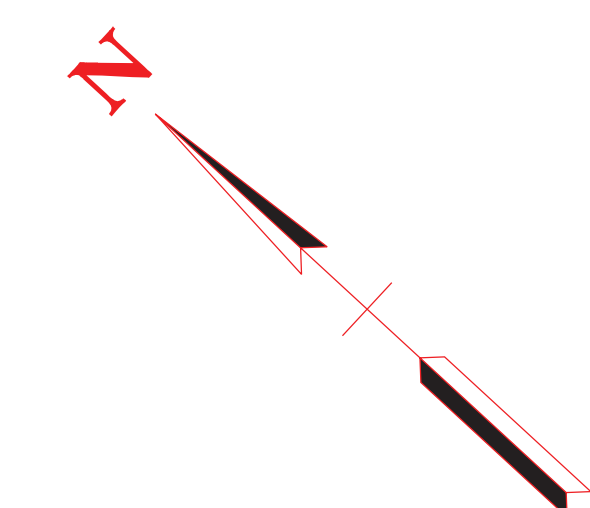
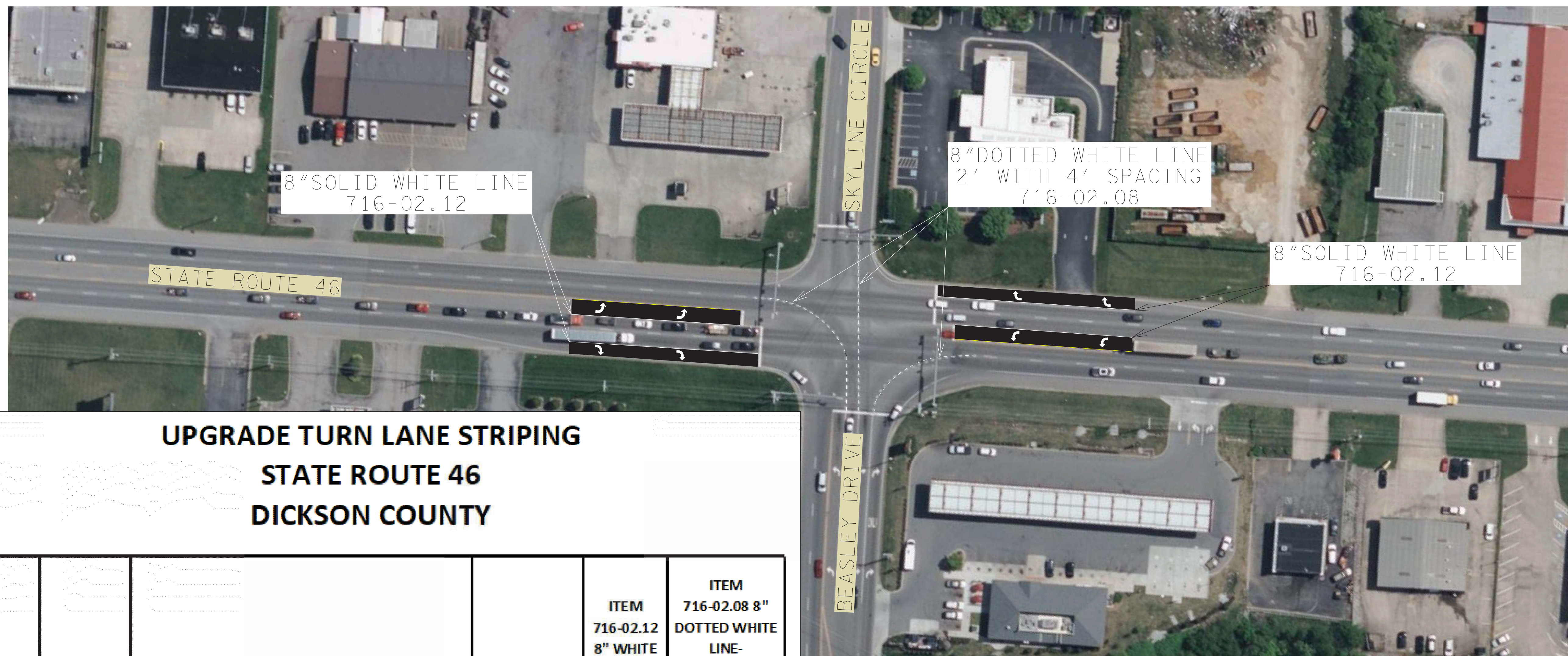


STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

RAILROAD  
SIGNING  
DETAILS

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2024	NH/HSIP-46(43)	2G



## UPGRADE TURN LANE STRIPING STATE ROUTE 46 DICKSON COUNTY

LOG MILE	DIRECTION	CROSSROAD	Turn(s)	ITEM 716-02.12 8" WHITE LINE	ITEM 716-02.08 8" DOTTED WHITE LINE- INTERSECTION*
7.983	NORTH	E WALNUT STREET	LEFT	X	
7.715	NORTH	THRONTON DRIVE	LEFT	X	
7.715	SOUTH	THRONTON DRIVE	LEFT	X	
7.715	SOUTH	THRONTON DRIVE	RIGHT	X	
7.470	SOUTH	SKYLINE CIRCLE	LEFT	X	X
7.470	NORTH	SKYLINE CIRCLE	RIGHT	X	X
7.470	SOUTH	BEASLEY DRIVE	RIGHT	X	X
7.470	NORTH	BEASLEY DRIVE	LEFT	X	
7.090	NORTH	LEWIS HOLLOW ROAD	LEFT	X	
7.090	SOUTH	LEWIS HOLLOW ROAD	LEFT	X	
6.735	NORTH	OAKMONT DRIVE	LEFT	X	
6.735	SOUTH	OAKMONT DRIVE	LEFT	X	
6.735	SOUTH	OAKMONT DRIVE	RIGHT	X	
6.455	NORTH	TENNESSEE COLLEGE OF APPLIED TECHNOLOGY	LEFT	X	
6.455	NORTH	JACKSON BROTHERS BOULEVARD	RIGHT	X	
6.455	SOUTH	JACKSON BROTHERS BOULEVARD	LEFT	X	
4.930	NORTH	POMONA ROAD	LEFT	X	
4.930	SOUTH	POMONA ROAD	LEFT	X	

\* FIELD CHECK INTERSECTIONS REQUIRING DOTTED INTERSECTION LINES FOR SOME TURNING MOVEMENTS

EXAMPLE INTERSECTION

STATE ROUTE 46  
4.24 LOG MILE TO 7.98 LOG MILE  
DICKSON COUNTY

FOR REFERENCE ONLY PROVIDED BY  
TDOT REGION 3 TRAFFIC

REFERENCE STANDARD DRAWING  
T-M-4

SEALED BY

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

PAVEMENT  
MARKING  
IMPROVEMENTS

\$\$\$\$\$TIMES\$\$\$\$\$  
\$\$\$\$\$DONSPEC\$\$\$\$\$