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**Nicholas Kniazewycz**  
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TENNESSEE DEPARTMENT OF TRANSPORTATION  
 6601 CENTENNIAL BLVD.,  
 NASHVILLE, TN 37243  
 11-17-25 NICK KNIAZEWCZ, P.E. NO. 126392

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET.....	ROADWAY-SIGN1
TITLE SHEET.....	1
ROADWAY INDEX AND STANDARD DRAWINGS.....	1A
PROJECT COMMITMENTS.....	1B
ESTIMATED ROADWAY QUANTITIES.....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2A, 2A1
GENERAL NOTES.....	2B
SPECIAL NOTES.....	2C, 2C1
ENVIRONMENTAL NOTES.....	2D, 2D1
TABULATED QUANTITIES.....	2E
PAVEMENT MARKING IMPROVEMENTS.....	2F

YEAR	PROJECT NO.	SHEET NO.
2026	NH/HSIP-12(65)	ROADWAY-SIGN1

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

SIGNATURE  
SHEET

04-NOV-2025 10:41 \\tdo\03nas002.tdot.state.tn.us\03shared\SURVEY\DESIGN\Resurfacing Plans\2026\Davidson Co. SR-12 L.M. 0.00 - 4.30\0-131257-00-SignatureSheet.sht

INDEX OF SHEETS

SEE SHEET 1A

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING

**DAVIDSON COUNTY**

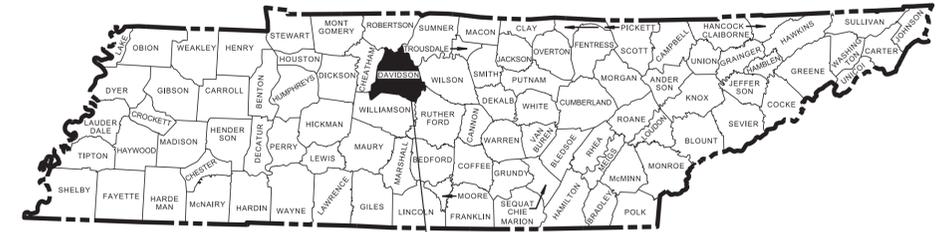
STATE ROUTE 12  
FROM SR-6 (L.M. 0.00)  
TO NEAR SR-112 (L.M. 4.30)

**RESURFACE & SAFETY  
COLD PLANING, 411D, AND PAVEMENT MARKINGS**

STATE HIGHWAY NO. 12 F.A.H.S. NO. US-41A

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

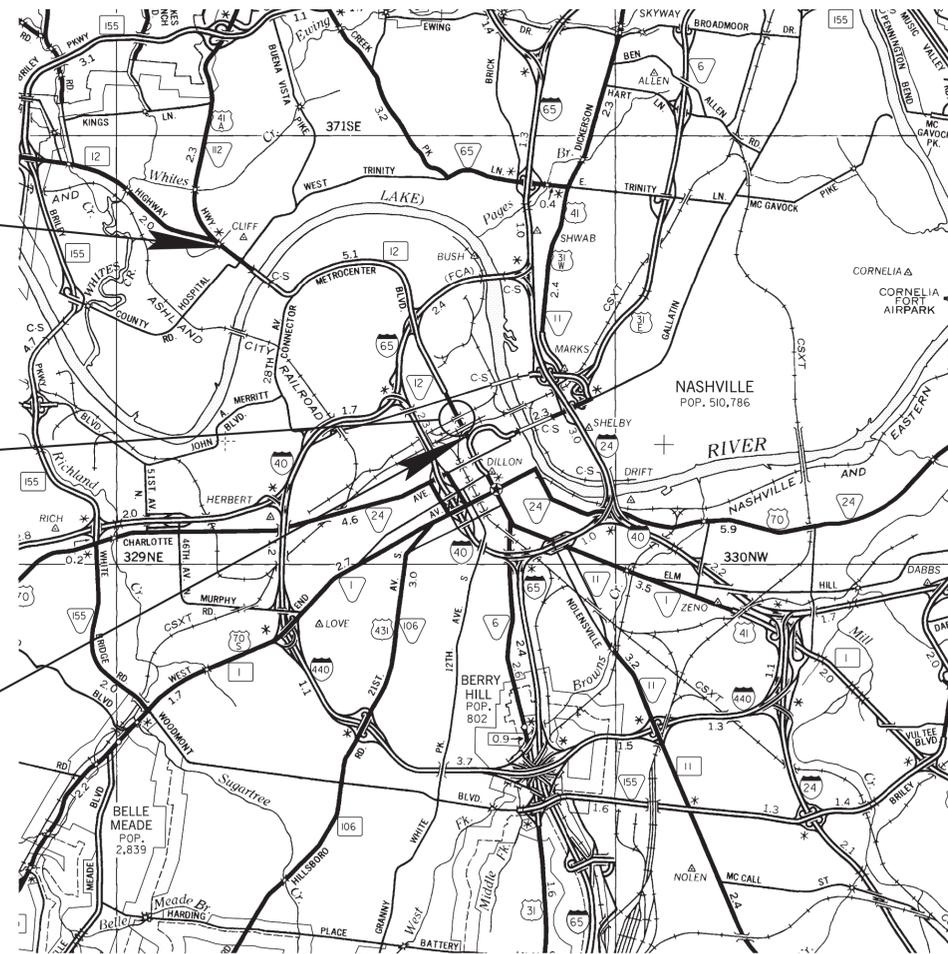
TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	NH/HSIP-12(65)	
STATE PROJ. NO.	19S012-F8-003	
STATE PROJ. NO.	19S012-F3-003	
STATE PROJ. NO.	19S012-M3-004	



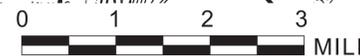
PROJECT LOCATION

BRIDGE ID. # 19SR0120001,  
19I00650139,  
19SR0120005

EXCLUSIONS	
L.M. TO L.M.	MILES
L.M. 4.17 - L.M. 4.30	0.13



SCALE: 1" = 1 MILE



PROJECT LENGTH 4.30 MILES  
TOTAL LANE MILES RESURFACED 20.71 MILES

19S012-M3-004  
19S012-F3-003  
19S012-F8-003  
END PROJECT NO. NH/HSIP-12(65) RESURFACE & SAFETY  
L.M. 4.30

CSX [350191C, CSX MP 0000185.620] OVERHEAD CROSSING  
L.M. 0.08

19S012-M3-004  
19S012-F3-003  
19S012-F8-003  
BEGIN PROJECT NO. NH/HSIP-12(65) RESURFACE & SAFETY  
L.M. 0.00

**SPECIAL NOTES**

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2021 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

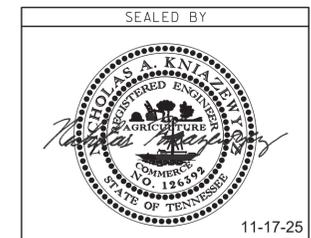
TDOT PROJECT MANAGER: KONNER SPRADLIN, P.E.

DESIGNER : CAYLIE MARVEL, P.E.

CHECKED BY : ZHIWAR RASHID, P.E.

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

PIN NO. 131257.00



APPROVED:

SHANE HESTER, CHIEF ENGINEER

DATE:

APPROVED:

WILL REID, COMMISSIONER

TRAFFIC DATA	
ADT (2025)	14758
POSTED SPEED	
L.M. 0.00 - 1.59	35 MPH
L.M. 1.59 - 4.30	40 MPH

# ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET .....	ROADWAY-SIGN1
TITLE SHEET .....	1
ROADWAY INDEX AND STANDARD DRAWINGS .....	1A
PROJECT COMMITMENTS .....	1B
ESTIMATED ROADWAY QUANTITIES .....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....	2A, 2A1
GENERAL NOTES .....	2B
SPECIAL NOTES .....	2C, 2C1
ENVIRONMENTAL NOTES .....	2D, 2D1
TABULATED QUANTITIES .....	2E
PAVEMENT MARKING IMPROVEMENTS .....	2F
SIGNING AND PAVEMENT MARKING PLAN(S) .....	PM-1 – PM-15
BRIDGE PLANS .....	B-1

**NOTE:**

THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.

NO UTILITY SHEETS.

# STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
<b>10-100.00 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>10-104.00 CATCH BASINS AND MANHOLES</b>		
D-CBB-12A	06-28-19	TYPE 'B' CAST IRON FRAME, GRATE & VERTICAL INLET DETAILS FOR NOS. 10, 12, 14, 16 & 17 TYPE CATCH BASINS
D-CBB-12B	06-28-19	TYPE 'B' CAST IRON FRAME, GRATE & 6" SLOPING INLET DETAILS FOR NOS. 25, 26 & 27 TYPE CATCH BASINS
D-CBB-12D	07-07-23	TYPE "B" CAST IRON FRAME, GRATE & CURB HOOD DETAILS FOR NOS. 12, 14, 16 & 17 TYPE CATCH BASINS
D-CBB-13	06-28-19	TYPE 'B' CAST IRON FRAME, GRATE & VERTICAL INLET DETAILS FOR NO. 13 TYPE CATCH BASINS
D-CBB-31	02-20-20	TYPE "B" CAST IRON FRAME, GRATE & INLET DETAILS FOR NOS. 31, 41, 45, 46, & 51 TYPE CATCH BASINS
<b>10-106.00 MULTIMODAL</b>		
MM-PM-2	07-30-24	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANE OR ROUTES
MM-PM-3	06-15-21	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES ON URBAN ROADWAYS
MM-PM-4		SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES
MM-PM-5	05-04-22	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES AT INTERSECTIONS
MM-TS-1	06-15-21	BIKE ACCOMMODATION DESIGN GUIDANCE

# STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
<b>10-200.00 SIGN</b>		
T-S-6	07-30-25	STANDARD MOUNTING DETAILS - BOLTED EXTRUDED PANELS
T-S-9	07-30-25	STANDARD LAYOUT - GROUND MOUNTED SIGNS
T-S-10	07-30-25	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS, ALUMINUM-STEEL DESIGN
T-S-16	07-30-25	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-16A	07-02-15	GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
T-S-19	07-30-25	STANDARD STEEL SIGN SUPPORTS
T-S-20	07-30-25	SIGN DETAILS
<b>10-201.00 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>10-204.00 DESIGN - TRAFFIC CONTROL</b>		
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	01-24-25	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-4A	01-24-25	STANDARD UNSIGNALIZED MID-BLOCK CROSSING
T-M-4A2		STANDARD RRFB COMMERCIAL AND STREET ENTRANCES
T-M-4B	01-24-25	STANDARD PEDESTRIAN HYBRID BEACON AT MID-BLOCK CROSSING
T-M-4B2		STANDARD PEDESTRIAN HYBRID BEACON AT COMMERCIAL AND STREET ENTRANCES
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-26-25	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-22	08-19-25	ONE LANE CLOSURE DETAIL FOR UNDIVIDED HIGHWAYS
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	1A

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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX  
AND  
STANDARD  
DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	1B

PROJECT COMMITMENTS			
COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STA. / LOCATION
EDHZ001	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	An Asbestos Containing Material (ACM) survey was completed on Bridge No. 19SR0120005 SR-12 over Cumberland River LM 3.56 (19-SR012-03.56). No asbestos was detected. Please see the report for further details and photographs. No special accommodations for demolition and waste disposal are anticipated for these structures and the material can be deposited in a C&D landfill. Prior to the demolition or rehabilitation of any structure (bridge or building), the contractor is required to submit the National Emission Standards for Hazardous Air Pollutants standard 10-day notice of demolition to the TDEC Division of Air Pollution Control (per TDOT Standard Specifications for Road and Bridge Construction (January 1, 2021) Sections 107.08.D and 202.03).	Bridge No. 19SR0120005

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**SEALED BY**



*Douglas A. Kniazew*

11-17-25

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**PROJECT  
COMMITMENTS**

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	2

### ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY		TOTAL QUANTITY	
			19S012-F8-003	19S012-F3-003		
(1)(2)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	13.7		13.7
(3)	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	300		300
(3)	307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	TON	100		100
(4)	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	71		71
(5)	411-01.10	ACS MIX(PG64-22) GRADING D	TON	10801		10801
(6)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	10698		10698
	611-01.20	ADJUSTMENT OF EXISTING MANHOLE	EACH	4		4
(7)	611-03.04	GRAY IRON CASTINGS (CATCHBASIN)	LB.	2010		2010
(17)	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	14		14
(8)	712-01	TRAFFIC CONTROL	LS	1		1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	100		100
(9)(10)	712-06	SIGNS (CONSTRUCTION)	S.F.	2821		2821
	712-08.03	ARROW BOARD (TYPE C)	EACH	2		2
(11)(13)	713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH		740	740
(11)	713-16.20	SIGNS (R3-17, 24" X 18", BIKE LANE)	EACH		40	40
(11)	713-16.21	SIGNS (W11-1, 24" X 24", BIKE CAUTION)	EACH		17	17
(11)	713-16.22	SIGNS (W16-1P, 18" X 24", SHARE THE ROAD)	EACH		17	17
(11)	713-16.23	SIGNS (D11-1, 24" X 18", BIKE ROUTE)	EACH		17	17
(11)	713-16.24	SIGNS (R4-4, 36" X 30", YIELD TO BIKES)	EACH		11	11
(11)	713-16.25	SIGNS (R3-7R, 36" X 36", RIGHT LANE MUST TURN RIGHT)	EACH		11	11
(11)	713-16.26	SIGNS (R3-9CP, 30" X 12", BEGIN)	EACH		2	2
(11)	713-16.27	SIGNS (R10-15R, 30" X 30", YIELD TO PEDESTRIANS RIGHT)	EACH		10	10
(11)	713-16.28	SIGNS (R3-7BP, 24" X 12", EXCEPT BICYCLES)	EACH		9	9
(11)	713-16.29	SIGNS (R3-9DP, 30" X 12", END)	EACH		2	2
(11)	713-16.30	SIGNS (R10-6A, 24" X 30", STOP HERE ON RED)	EACH		17	17
(11)	713-16.31	SIGNS (R10-15L, 30" X 30", YIELD TO PEDESTRIANS LEFT)	EACH		1	1
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH		422	422
	716-01.22	SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	EACH		868	868
(12)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	490		490
(12)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	2401		2401
(12)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	88		88
(12)	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	4478		4478
(12)	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	3055		3055
	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	2		2
(12)	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	13		13
(12)	716-03.08	PLASTIC WORD PAVEMENT MARKING (PED-XING)	EACH	5		5
(12)	716-03.12	PLASTIC PVMT MARKING (BIKE SYMBOL)	EACH	36		36
(12)	716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	15		15
(12)	716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	EACH	1		1
(12)	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	32		32
(12)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	159		159
(12)	716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	EACH	101		101
(12)	716-04.15	PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED	EACH	47		47
(11)(13)	716-04.21	GREEN TEXTURED BIKE LANE	S.Y.		2350	2350
(14)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	30		30
(15)	716-09.58	CONTRAST PVT SHADOW MARKING 6" (TAPE)	L.M.	0.4		0.4
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	30		30
(16)	716-15.10	PREFORMED PERMANENT TAPE (6IN LINE)	L.F.	4325		4325
(16)	716-15.11	PREFORMED PERMANENT TAPE (8IN LINE)	L.F.	1175		1175
(16)	716-15.20	PREFORMED PERMANENT TAPE (24IN BARRIER LINE)	L.F.	66		66
	717-01	MOBILIZATION	LS	1		1
	730-14.02	SAW SLOT	L.F.	17377		17377
	730-14.03	LOOP WIRE	L.F.	38854		38854

### FOOTNOTES

- (1) SHOULDERS SHOULD BE CLIPPED AS DIRECTED BY THE ENGINEER TO ALLOW FOR PROPER DRAINAGE. THIS WORK IS TO BE PERFORMED BEFORE ALL OTHER OPERATIONS.
- (2) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET NO. 2B, FINAL PAVEMENT MARKING NOTE (6) FOR MORE INFORMATION.
- (3) TO BE USED AS DIRECTED BY THE ENGINEER FOR SPOT REPAIR/LEVELING. QUANTITY MAY CHANGE AS DIRECTED BY THE ENGINEER.
- (4) INCLUDES 70 TONS FOR MAINLINE AND 1 TONS FOR CITY STREETS, COUNTY ROADS, BUSINESS ENTRANCES, AND PRIVATE AND FIELD ENTRANCES.
- (5) INCLUDES 10,673 TONS FOR MAINLINE AND 128 TONS FOR CITY STREETS, COUNTY ROADS, BUSINESS ENTRANCES, AND PRIVATE AND FIELD ENTRANCES.
- (6) INCLUDES 10,572 TONS FOR MAINLINE AND 126 TONS FOR CITY STREETS, COUNTY ROADS, BUSINESS ENTRANCES, AND PRIVATE AND FIELD ENTRANCES.
- (7) TO BE USED TO UPGRADE 2 AREA DRAIN GRATES TO BICYCLE FRIENDLY AND ADA COMPLIANT GRATES. ALSO INCLUDES VERTICAL ADJUSTMENTS OF EXISTING AREA DRAINS TO MEET ROADWAY GRADE. LOCATIONS INCLUDE SINGLE AREA DRAIN AT L.M. 0.430 NB AND DOUBLE AREA DRAIN AT L.M. 0.791.
- (8) 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) 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 METHOD APPROVED BY THE ENGINEER. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 712-06 SIGNS (CONSTRUCTION).
- (10) THE CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF CONSTRUCTION SIGNS.
- (11) SEE SIGNING AND PAVEMENT MARKING PLANS FOR LOCATIONS (SHEETS PM-1 TO PM-15).
- (12) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (13) NON-PARTICIPATING ITEM.
- (14) TO BE USED FOR TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS.
- (15) TO BE USED FOR LANE LINES ON CONCRETE SURFACES. INCLUDES BOTH THE WHITE AND BLACK PORTIONS.
- (16) TO BE USED ON CONCRETE SURFACES.
- (17) INCLUDES 9 CATCH BASINS AND 5 AREA DRAINS.

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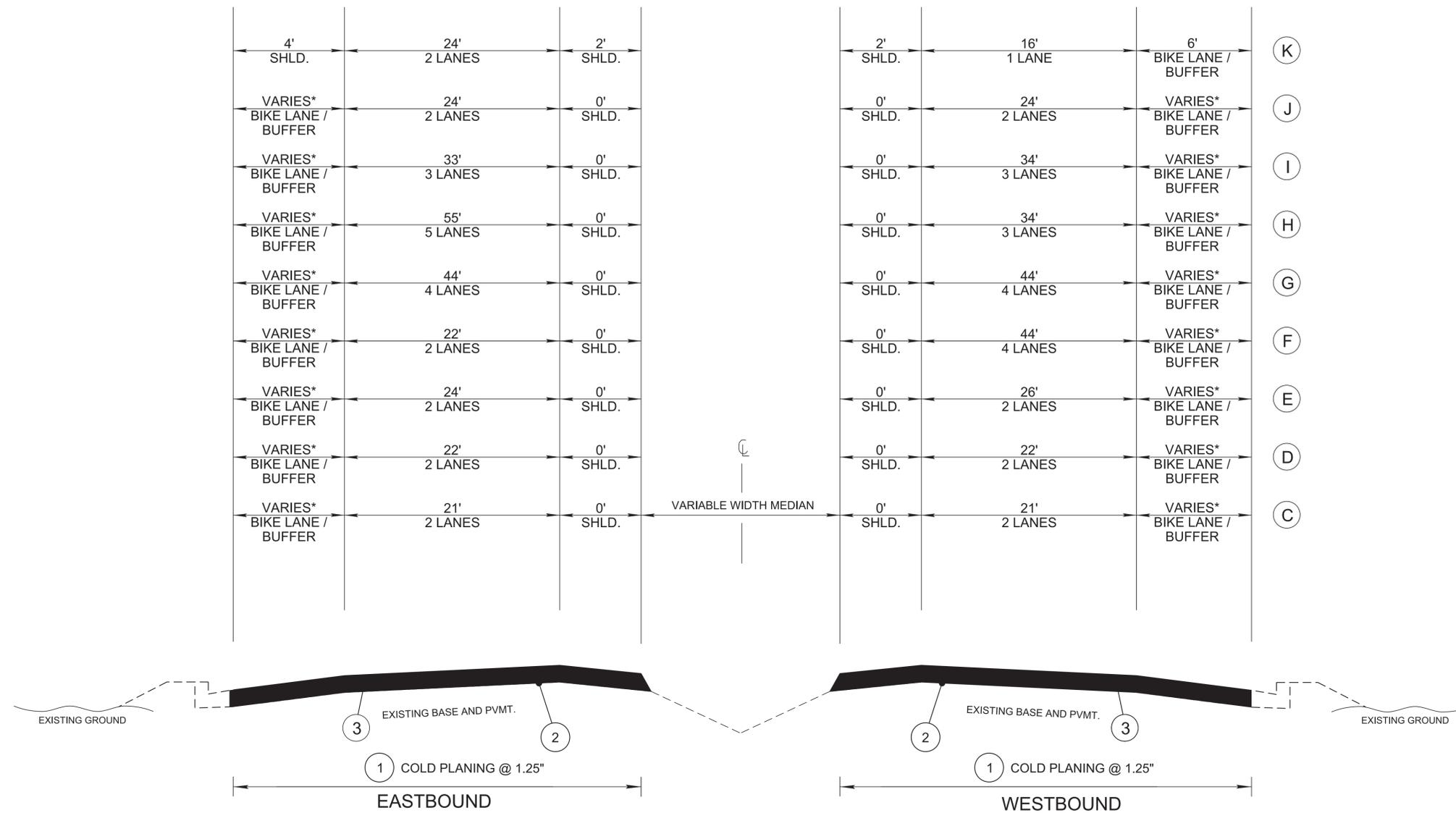


11-17-25

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ESTIMATED  
ROADWAY  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	2A



DAVIDSON COUNTY SR-12 TYPICAL SECTIONS

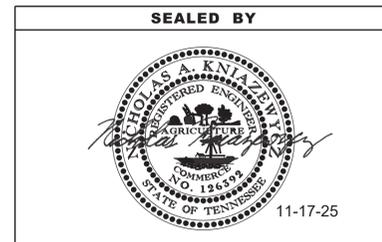
- ⓐ L.M. 0.69 TO 0.92    ⓑ L.M. 1.21 TO 1.28    ⓓ L.M. 1.51 TO 1.58
- ⓔ L.M. 0.92 TO 1.05    ⓕ L.M. 1.28 TO 1.41    ⓖ L.M. 1.58 TO 3.20
- ⓗ L.M. 1.05 TO 1.21    ⓘ L.M. 1.41 TO 1.51    ⓙ L.M. 3.20 TO 3.34

PROPOSED PAVEMENT SCHEDULE	
1	COLD PLANING @ 1.25" THICK (131.25 LB./S.Y.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT (TON)
2	TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
3	GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.5 LB./S.Y.) 411-01.10 ACS MIX (PG64-22) GRADING D SURFACE

\*NOTE: FOR MORE DETAILED TRAVEL LANE AND BIKE LANE CONFIGURATION SEE THE PAVEMENT MARKING AND SIGNING PLANS.

NOTE: SHOULDER HAS TO BE CLIPPED BACK TO A DISTANCE THAT WILL ALLOW SHEET FLOW FROM THE EDGE OF PAVEMENT TO THE DITCH. THIS COST SHOULD BE INCLUDED IN OTHER ITEMS.

NOTE: PUBLIC ROAD INTERSECTIONS WILL BE RESURFACED TO THE END OF THE RADIUS OR AS DIRECTED BY THE TDOT ENGINEER.

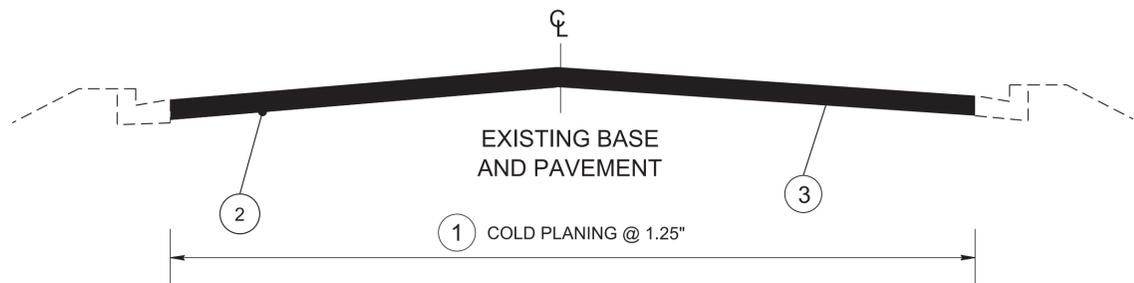
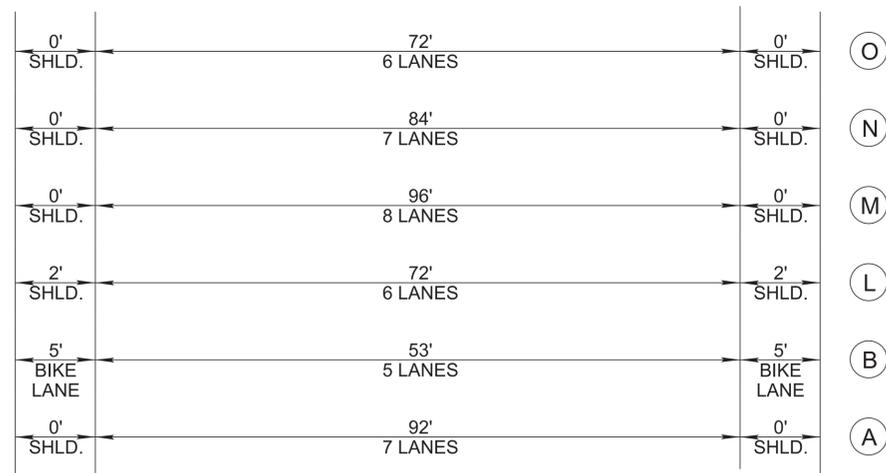


STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS AND  
PAVEMENT  
SCHEDULE

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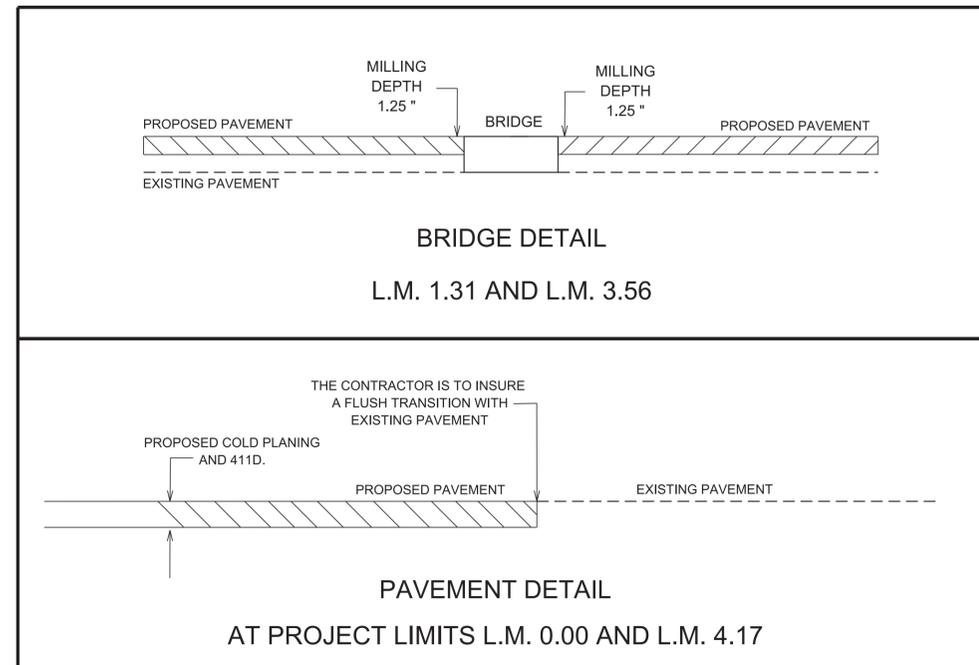
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	2A1



DAVIDSON COUNTY SR-12 TYPICAL SECTIONS

- (A) L.M. 0.00 TO 0.05
- (B) L.M. 0.05 TO 0.69
- (L) L.M. 3.34 TO 3.71
- (M) L.M. 3.71 TO 3.90
- (N) L.M. 3.90 TO 4.04
- (O) L.M. 4.04 TO 4.17

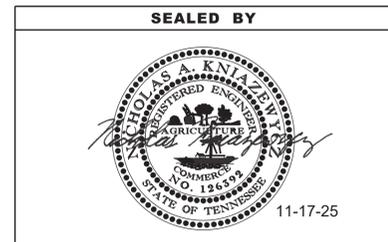
PROPOSED PAVEMENT SCHEDULE	
1	COLD PLANING @ 1.25" THICK (131.25 LB./S.Y.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT (TON)
2	TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
3	GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.5 LB./S.Y.) 411-01.10 ACS MIX (PG64-22) GRADING D SURFACE



\*NOTE: FOR MORE DETAILED TRAVEL LANE AND BIKE LANE CONFIGURATION SEE THE PAVEMENT MARKING AND SIGNING PLANS.

NOTE: SHOULDER HAS TO BE CLIPPED BACK TO A DISTANCE THAT WILL ALLOW SHEET FLOW FROM THE EDGE OF PAVEMENT TO THE DITCH. THIS COST SHOULD BE INCLUDED IN OTHER ITEMS.

NOTE: PUBLIC ROAD INTERSECTIONS WILL BE RESURFACED TO THE END OF THE RADIUS OR AS DIRECTED BY THE TDOT ENGINEER.



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

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# GENERAL NOTES

## MISCELLANEOUS

- (3) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

## PAVEMENT MARKINGS

### TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

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

### FINAL PAVEMENT MARKING

- (6) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:
  - a. BROOMING & DE-GRASSING SHOULDERS SHALL INCLUDE CLIPPING OF MATERIAL INTERFERING WITH PROPER DRAINAGE OF ROADWAY (INCLUDING PAVED AND GRAVEL SHOULDERS), AS DIRECTED BY THE ENGINEER.
  - b. ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE ENGINEER.
  - c. ALL COSTS ASSOCIATED WITH PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
  - d. REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (8) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

## PAVEMENT

### PAVING

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

### RESURFACING

- (4) WHERE DIRECTED BY THE TDOT ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE PLACING MATERIALS. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION..
- (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

- (12) ALL SIGNS WHICH INTERFERE WITH CONSTRUCTION WILL BE RELOCATED OUTSIDE LIMITS OF CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL RESTORE THE SIGNS TO ORIGINAL LOCATION. THE CONTRACTOR SHALL CHECK WITH THE REGIONAL TRAFFIC ENGINEER PRIOR TO MOVING ANY PERMANENT SIGNS.
- (13) AFTER THE PERMANENT SIGN LOCATIONS HAVE BEEN STAKED, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE CONSTRUCTION FIELD OFFICE. PAYMENT FOR LOCATION AND STAKING SHOULD BE INCLUDED IN THE BID PRICE FOR OTHER ITEMS OF CONSTRUCTION. ANY RELOCATION REQUIRED, DUE TO THE SIGN NOT BEING INSTALLED IN THE CORRECT LOCATION, WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

## SIGNALIZATION

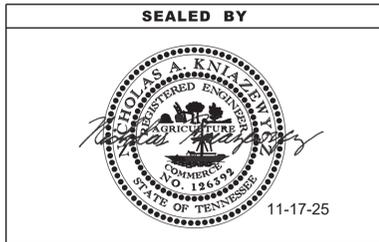
- (1) EQUIPMENT AND INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH TDOT STANDARD SPECIFICATIONS, SECTION 730.
- (5) EQUIPMENT AND INSTALLATION SHALL COMPLY WITH THE TDOT "SPECIAL PROVISIONS REGARDING SECTION 730N-TRAFFIC SIGNALS."
- (7) IF RESURFACING IS INCLUDED IN THE PROJECT, SIGNAL DETECTION LOOPS SHALL BE INSTALLED BEFORE THE FINAL SURFACE IS APPLIED.
- (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.
- (13) LOOPS SHALL BE INSTALLED IN THE LEVELING COURSE IF A LEVELING COURSE IS PROVIDED.
- (14) LOOP REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.

## CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

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

- (6) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT 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.	2026	NH/HSIP-12(65)	2B



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**GENERAL  
NOTES**

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# SPECIAL NOTES

## MISCELLANEOUS

- (1) THE CONTRACTOR SHOULD 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.

## PAVEMENT MARKINGS

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

## PAVEMENT

### PAVING

- (3) SURFACE TO BE CROWNED AS DIRECTED BY THE ENGINEER.
- (4) ALL STRUCTURES (DRAINAGE STRUCTURES, MANHOLES, UTILITY BOXES, ETC.) SHALL HAVE A FINISHED GRADE COMPATIBLE WITH THE FINISHED GRADE OF THE ROADWAY.

### 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

- (7) 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.
- (8) ONE ADVANCE ROAD CONSTRUCTION AHEAD SIGN IS TO BE PLACED ON ALL SIDE ROADS PRIOR TO MERGING WITH THE MAINLINE. LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OR CONTRACTORS SUPERINTENDENT.

### WORK RESTRICTIONS

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

### PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

- (10) 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.

## CSXT SAFETY NOTES

- (11) COMPLY WITH THE CONSTRUCTION SUBMISSION CRITERIA OF THE CSXT PUBLIC INFORMATION DOCUMENT AND CONSTRUCTION REQUIREMENTS OF THE PUBLIC PROJECTS MANUAL, WHICH IS AVAILABLE AT THE FOLLOWING URL: <https://www.csx.com/index.cfm/about-us/property/>
- (12) ALL WORK IN THE FRA RED ZONE (WITHIN 4 FEET FROM OUTSIDE OF THE RAIL ON EACH SIDE OF THE TRACK) WILL BE DONE ONLY WITH A CSXT, FRA QUALIFIED FLAGMAN OR WATCHMAN AS SPECIFIED BY THE LOCAL ENGINEERING REPRESENTATIVE.
- (13) ALL WORK BEYOND 4 FEET FROM THE OUTSIDE RAILS AND WITHIN 25 FEET MUST BE DONE UNDER THE SUPERVISION OF A QUALIFIED INSPECTOR OR CSXT FLAGMAN.
- (14) CERTAIN TYPES OF WORK DONE BEYOND 25 FEET FROM THE OUTSIDE OF THE RAILS, AND WITH EQUIPMENT THAT WILL NOT REACH BEYOND THIS POINT, MAY BE DONE WITHOUT FLAGGING PROTECTION OR A WATCHMAN. THIS MUST BE APPROVED BY THE LOCAL ENGINEERING REPRESENTATIVE, THE AREA MUST BE PROTECTED BY A CONSTRUCTION FENCE, AND THE WORK MUST BE STATIONARY.
- (15) ALL WORKERS WILL REMAIN OFF THE TRACKS. IF NECESSARY TO PERFORM THE WORK ON TRACK, PROTECTION WILL BE PROVIDED AS STATED ABOVE.
- (16) ALL WORKERS MUST COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THOSE OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE FEDERAL RAILROAD ADMINISTRATION (FRA).
- (17) AT LEAST THIRTY (30) DAYS ADVANCED NOTIFICATION MUST BE GIVEN TO THE RAILROAD REPRESENTATIVE, TO SCHEDULE A RAILROAD FLAGMAN.
- (18) THE CONTRACTOR MAY NOT USE CSXT RIGHT-OF-WAY, FOR STORAGE OF MATERIALS OR EQUIPMENT, WITHOUT PRIOR WRITTEN APPROVAL FROM CSXT.
- (19) THE CONTRACTOR SHALL CONDUCT ITS WORK AT ALL TIMES, IN A MANNER WHICH WILL PROTECT CSXT'S PROPERTY AND TRACK FACILITIES FROM DAMAGE AND WITHOUT INTERRUPTION TO TRAIN OPERATIONS.
- (20) PRIOR TO THE INSTALLATION OF ANY SIGNAGE WITHIN CSXT RIGHT-OF-WAY, CONTRACTORS MUST CONTACT THE RAILROAD'S REPRESENTATIVE FOR LOCATION OF ALL UNDERGROUND SIGNAL UTILITIES.
- (21) ANY VIOLATION OF ANY CSXT RULES, REGULATIONS OR POLICIES, MAY RESULT IN REMOVAL OF CONTRACTOR PERSONNEL FROM THE RIGHT-OF-WAY.
- (22) NO CRANE OR BOOM EQUIPMENT SHALL BE ALLOWED TO SET UP TO WORK OR PARK WITHIN BOOM DISTANCE PLUS 15 FEET OF THE CENTERLINE OF TRACK WITHOUT SPECIFIC PERMISSION FROM THE RAILROAD. NO CRANE OR BOOM EQUIPMENT SHALL BE ALLOWED TO FOUL TRACK, WORK WITHIN THE FOUL ZONE, OR LIFT A LOAD OVER THE TRACK WITHOUT FLAGGING PROTECTION AND PERMISSION FOR TRACK TIME FROM THE RAILROAD.
- (23) ALL WORKMEN AND MACHINE OPERATORS SHALL STAY WITH THEIR MACHINES WHEN CRANE OR BOOM EQUIPMENT IS POINTED TOWARD THE TRACK. ALL CRANES AND BOOM EQUIPMENT SHALL STOP WORK AND CLEAR TRACK WHILE TRAIN IS PASSING. SWINGING LOADS SHALL BE SECURED TO PREVENT MOVEMENT WHILE TRAIN IS PASSING AND NO LOADS SHALL BE SUSPENDED ABOVE A MOVING TRAIN. ALL CRANES AND BOOM EQUIPMENT SHALL BE TURNED AWAY FROM THE TRACK AFTER EACH WORK DAY OR WHENEVER UNATTENDED BY AN OPERATOR.
- (24) ALL WORK MUST BE STOPPED WHILE TRAINS ARE PASSING WITHIN THE WORK ZONE.

- (25) "ONE CALL" SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE TWO (2) DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE.

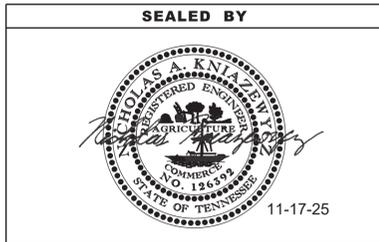
- (26) ALL SOILS EXCAVATED WITHIN CSXT'S RAILROAD RIGHT-OF-WAY SHALL REMAIN ON CSXT'S RIGHT-OF-WAY. TESTING OF SOILS ON CSXT ROW IS PROHIBITED WITHOUT PRIOR WRITTEN CSXT AUTHORIZATION. ANY SOILS EXCAVATED ON CSXT ROW CAN BE REUSED ON THE ROW PROVIDED PLACING SOILS ALONG CSXT ROW POSES NO ADVERSE IMPACTS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

THE CONTRACTOR SHALL NOTIFY AND COORDINATE THEIR WORK WITH THE FOLLOWING CSXT REPRESENTATIVE:

CSXT GENERAL ENGINEERING CONSULTANT DESIGNATE  
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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	2C



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**SPECIAL  
NOTES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	2C1

# SPECIAL NOTES (CONT.)

## UTILITY

- (27) 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.
- (28) 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.
- (29) 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.
- (30) 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

### (UPDATED 10-21-2025)

#### TELEPHONE & FIBER:

AT&T  
116 SOUTH CANNON AVENUE  
MURFREESBORO, TN 37129  
KENNETH LEE KORNEGAY  
KK4096@ATT.COM  
O: 615-848-2082  
C: 615-631-7221

#### CABLE:

COMCAST (XFINITY)  
660 MAINSTREAM DRIVE  
NASHVILLE, TN 37228  
KEVIN NIPPER  
KEVINLEE\_NIPPER@COMCAST.COM  
NAS-NASHVILLECONSTRUCTIONBETTERMENTS@COMCAST.COM  
C: 615-626-3325

#### WATER & SEWER:

METRO WATER & SEWER  
1600 SECOND AVENUE NORTH  
NASHVILLE, TN 37208  
PAISLEY MAROTTA-MATHEWS  
PAISLEY.MAROTTA@NASHVILLE.GOV  
O:615-862-4142

KECIA CAIN  
KECIA.CAIN@NASHVILLE.GOV  
O: 615-862-4801  
C: 615-796-9595

#### STREETLIGHTS:

NASHVILLE DEPT. OF TRANSPORTATION (NDOT)  
720 SOUTH FIFTH STREET  
NASHVILLE, TN 37206  
MIKE HIRTZER  
MICHAEL.HIRTZER@NASHVILLE.GOV  
O: 615-880-3261

#### ELECTRIC:

NASHVILLE ELECTRIC SERVICE  
1214 CHURCH STREET, ROOM 363  
NASHVILLE, TN 37246  
JON SIPES  
JSIPES@NESPOWER.COM  
O: 615-747-3529

TENNESSEE VALLEY AUTHORITY  
1101 MARKET STREET MR-4G  
CHATTANOOGA, TN 37402-2801  
STEPHEN WILLIAMS  
SEWILLIAMS@TVA.GOV  
C: 662-255-6272

#### GAS:

PIEDMONT GAS (FORMERLY NASHVILLE GAS)  
83 CENTURY BOULEVARD  
NASHVILLE, TN 37214  
SCOTT HAZZARD  
SCOTTY.HAZZARD@DUKE-ENERGY.COM  
C: 615-714-2389

NATE MILLER  
NATHANIEL.MILLER2@DUKE-ENERGY.COM  
O: 615-872-2457  
C: 615-598-4789

COLONIAL PIPELINE  
1185 SANCTUARY PARKWAY, SUITE 100  
ALPHARETTA, GA 30009  
ASHLEY HARRIS  
AHARRIS@COLPIPE.COM  
O: 678-762-2857

SCOTTY DAVIS  
SDAVIS@COLPIPE.COM  
O: 678-492-3492

#### FIBER OPTIC:

LUMEN (FORMERLY CENTURYLINK & LEVEL 3)  
520 WHALEY ST  
COLUMBIA, SC 29201  
JOHN BOEDEKER  
JOHN.BOEDEKER@LUMEN.COM  
C: 512-334-8351

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360 GEES MILL BUSINESS PKWY  
CONYERS, GA 30013  
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C: 678-641-5522

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LINDEN, TN 37096  
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C: 931-994-1249

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DEPARTMENT OF TRANSPORTATION

SPECIAL  
NOTES

# ENVIRONMENTAL NOTES

## SUBSECTION 1 – ENVIRONMENTAL GENERAL 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.

## SUBSECTION 2 – ENVIRONMENTAL SPECIAL NOTES

### 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 PRECONSTRUCTION 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.

#### PROJECT COMMITMENTS

- (5) SEE PROJECT COMMITMENTS, SHEET 1B, FOR DETAILS RELATING TO SPECIAL ENVIRONMENTAL COMMITMENTS REQUIRED BY THIS PROJECT.

#### SCOPE OF WORK

- (6) THIS PROJECT INCLUDES PAVING, STRIPING, TRAFFIC CONTROL, AND OTHER TASKS AS INDICATED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

## SUBSECTION 3 – EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

### EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

#### DISTURBED AREA

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

#### SEDIMENT CONTROL

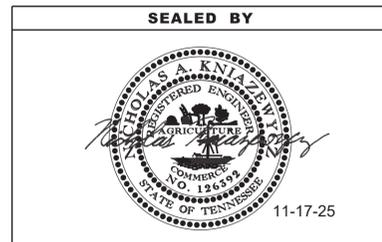
- (6) EPSC MEASURES SHALL BE INSTALLED AND FUNCTIONAL PRIOR TO ANY EARTH MOVING OPERATIONS AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES.
- (8) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFFSITE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

#### GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

- (29) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS SHALL BE REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFFSITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EPSC SHALL BE REMOVED FROM THE SITE.
- (30) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION. APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED.
- (31) CONTRACTORS SHALL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED, NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ONSITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.
- (32) WHEEL WASH WATER SHALL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER SHALL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM.
- (33) IF PORTABLE SANITARY FACILITIES ARE PROVIDED ON CONSTRUCTION SITES, SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY REGULATIONS. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.

- (34) ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ONSITE BY THE CONTRACTOR. THE CONTRACTOR SHALL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR'S RESPONSIBLE PARTY SHALL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL.
- (35) WHEN POSSIBLE, ALL PRODUCTS SHALL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFFSITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS SHALL BE FOLLOWED.
- (36) ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.
- (37) ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.
- (38) OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.
- (39) DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.
- (40) WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ANY AND ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S), CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	2D



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**ENVIRONMENTAL  
NOTES**

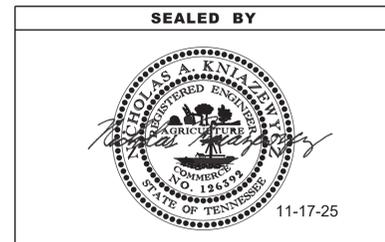
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# ENVIRONMENTAL NOTES (CONT.)

## SPILL PREVENTION, MANAGEMENT & NOTIFICATION

- (44) ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE AND SPILLS.
- (45) FOR ALL HAZARDOUS MATERIALS STORED ONSITE, THE 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.	2026	NH/HSIP-12(65)	2D1



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**ENVIRONMENTAL  
NOTES**

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2026	NH/HSIP-12(65)	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 5 MILES	48"	X	24"	8	6	48
G20-2	END ROAD WORK	48"	X	24"	8	44	352
W4-2R	RIGHT LANE ENDS SYMBOL	48"	X	48"	16	4	64
W4-2L	LEFT LANE ENDS SYMBOL	48"	X	48"	16	4	64
W8-11	UNEVEN LANES	48"	X	48"	16	22	352
W8-15	GROOVED PAVEMENT	48"	X	48"	16	22	352
W8-15P	MOTORCYCLE WARNING PLAQUE	30"	X	24"	5	22	110
W16-8P	SUPPLEMENTAL WARNING PLAQUE "SR-12"	24"	X	8"	1	5	7
W20-1	ROAD WORK 1/2 MILE	48"	X	48"	16	6	96
W20-1	ROAD WORK 1000 FT	48"	X	48"	16	6	96
W20-1	ROAD WORK 500 FT	48"	X	48"	16	6	96
W20-1	ROAD WORK AHEAD	48"	X	48"	16	38	608
W20-5R	RIGHT LANE CLOSED 1/2 MILE	48"	X	48"	16	4	64
W20-5R	RIGHT LANE CLOSED 1500 FT	48"	X	48"	16	4	64
W20-5R	RIGHT 2 LANES CLOSED 1/2 MILE	48"	X	48"	16	4	64
W20-5R	RIGHT 2 LANES CLOSED 1500 FT	48"	X	48"	16	4	64
W20-5L	LEFT LANE CLOSED 1/2 MILE	48"	X	48"	16	4	64
W20-5L	LEFT LANE CLOSED 1500 FT	48"	X	48"	16	4	64
W20-5L	LEFT 2 LANES CLOSED 1/2 MILE	48"	X	48"	16	4	64
W20-5L	LEFT 2 LANES CLOSED 1500 FT	48"	X	48"	16	4	64
W21-2	FRESH OIL - PORTABLE	48"	X	48"	16	4	64
<b>TOTAL</b>						<b>2821</b>	

### UTILITY ADJUSTMENTS (RESURFACING)

TYPE	OWNER	NUMBER
SEWER MANHOLE	METRO	44
TELEPHONE MANHOLE	AT&T	7
GAS VALVES	PIEDMONT	5
WATER VALVES	METRO	45

### STORM DRAIN ADJUSTMENTS (RESURFACING)

CATCH BASINS	MANHOLES	AREA DRAINS
9	4	5

### BICYCLE UN-FRIENDLY UPGRADES

AREA DRAINS

2

NO GUARDRAIL INCLUDED ON THIS PROJECT

### BRIDGE DECK RECOMMENDATIONS (RESURFACING)

BRIDGE NUMBER	LOCATION LOG MILE	CROSSES OVER/UNDER	BRIDGE LENGTH	BRIDGE DECK RECOMMENDATIONS
19SR0120001	0.070	UNDER CSXT [350191C]		VERTICAL CLEARANCE: NBL = 19'-3", SBL = 19'-2"
19I00650139	1.310	OVER I-65	339'	LEAVE AS IS - RESTRIPE EXISTING MARKINGS ONLY
19SR0120005	3.560	OVER CUMBERLAND RIVER	776'	PROVIDE DECK REPAIR ITEM - SEAL WITH TYPE 1 THIN EPOXY OVERLAY (BRIDGE SHEETS INCLUDED)

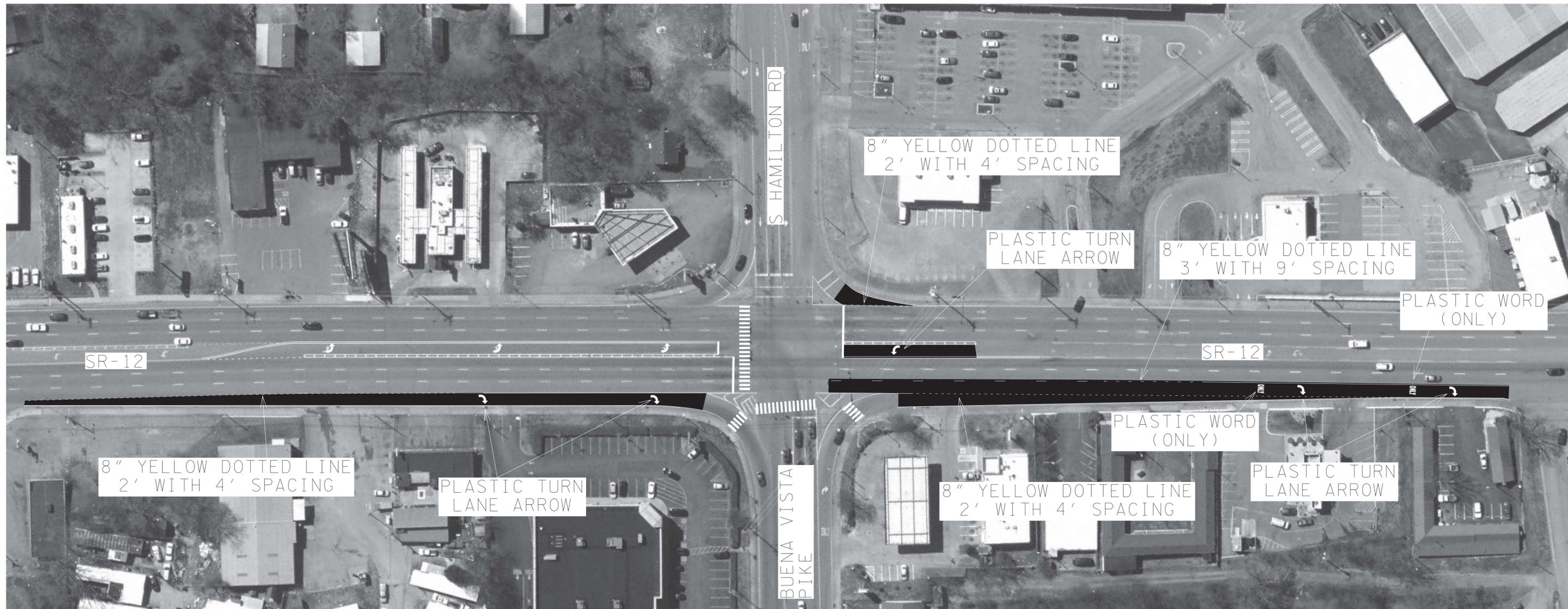
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STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TABULATED  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	NH/HSIP-12(65)	2F



SR-12

SR-12

S HAMILTON RD

BUENA VISTA PIKE

8" YELLOW DOTTED LINE  
2' WITH 4' SPACING

PLASTIC TURN  
LANE ARROW

8" YELLOW DOTTED LINE  
3' WITH 9' SPACING

PLASTIC WORD  
(ONLY)

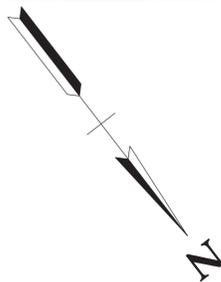
8" YELLOW DOTTED LINE  
2' WITH 4' SPACING

PLASTIC TURN  
LANE ARROW

PLASTIC WORD  
(ONLY)

8" YELLOW DOTTED LINE  
2' WITH 4' SPACING

PLASTIC TURN  
LANE ARROW



STATE ROUTE 12  
3.75 - 4.04 LM  
DAVIDSON COUNTY

REFERENCE STANDARD DRAWING  
T-M-4

SEALED BY

11-17-25

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

PAVEMENT  
MARKING  
IMPROVEMENTS

NOT TO SCALE

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# Index Of Sheets

SHEET NO.	DESCRIPTION
PM-1	TITLE SHEET
PM-2C	GENERAL NOTES
PM-2D	DETAILS
PM-3	LEGEND AND SHEET LOCATION INDEX
PM-4 - PM-14	PAVEMENT MARKING AND SIGNING PLANS
PM-15	SIGN SCHEDULE

# ROSA PARKS BLVD BIKE LANE IMPROVEMENTS NASHVILLE, TN

## DAVIDSON COUNTY SIGNING AND PAVEMENT MARKING

STATE HIGHWAY NO. 12 F.A.H.S. NO. 41A

FROM CLARKSVILLE PIKE  
TO JAMES ROBERTSON PKWY

TENN.	YEAR	SHEET NO.
	2025	PM-1
FED. AID PROJ. NO.	N/A	
STATE PROJ. NO.	19S012-F3-003, 19S012-F8-003, 19S012-M3-004	

PROJECT LOCATION



PAVEMENT MARKING AND SIGNING LIMIT  
CLARKSVILLE PIKE

PAVEMENT MARKING AND SIGNING LIMIT  
JAMES ROBERTSON PKWY

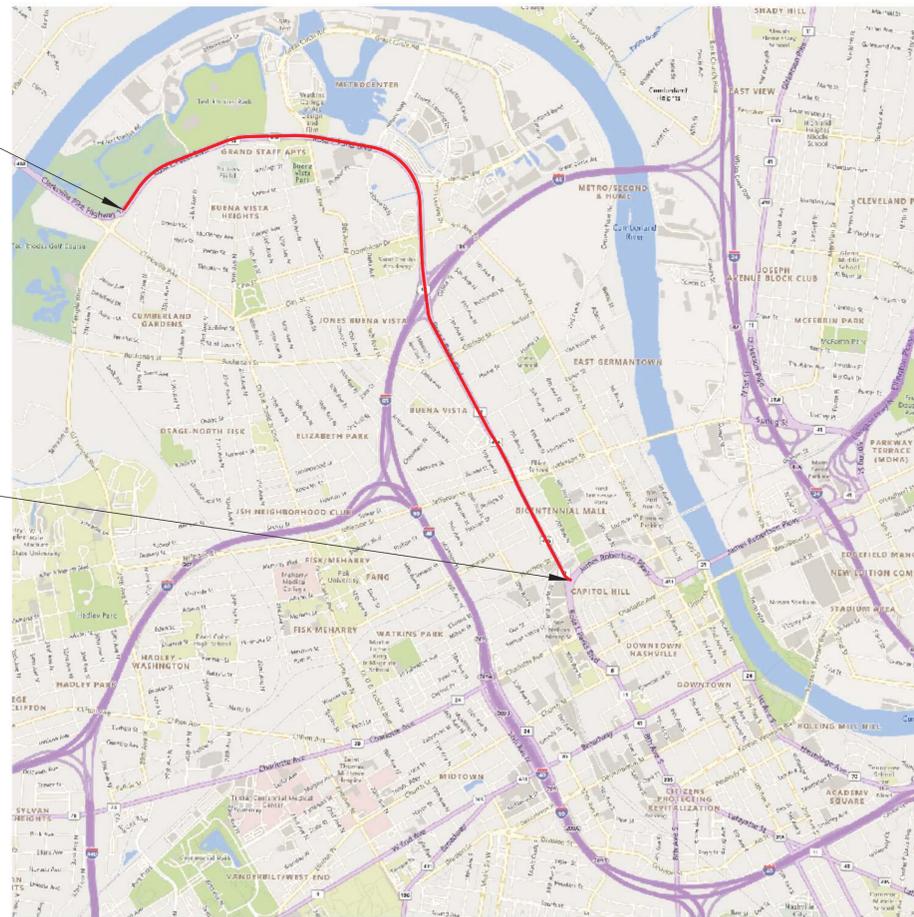
PROJECT TO BE COORDINATED  
WITH TDOT RESURFACING PROJECT

PIN: 131257.00

### SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2021 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.



SCALE: 1"= 2000'



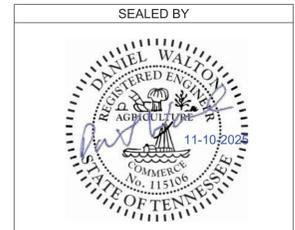
ROADWAY LENGTH	3.18 MILES
PROJECT LENGTH	3.18 MILES



BIKEWAY PROJECT  
SHALL COORDINATE  
WITH TRAFFIC DEPT

### TDOT STANDARD DRAWINGS

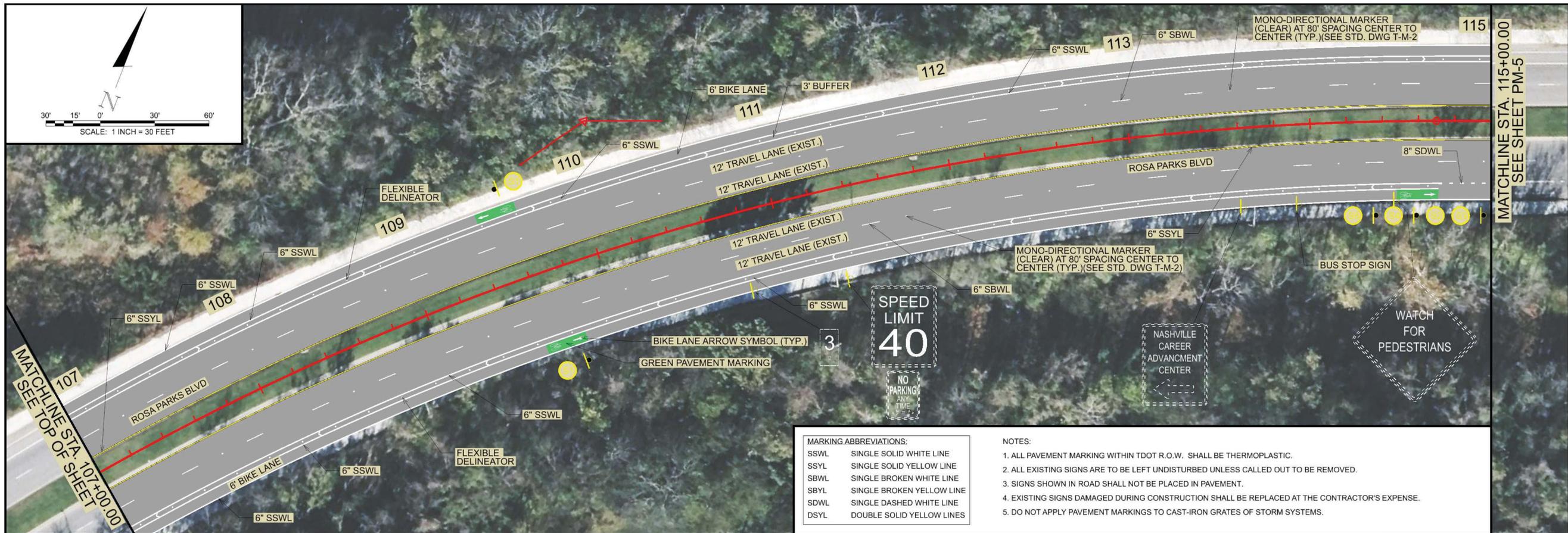
- MM-PM-2 SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANE OR ROUTES
- MM-PM-3 SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES ON URBAN ROADWAYS
- MM-PM-4 SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES
- MM-PM-5 SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES AT INTERSECTIONS
- MM-TS-1 BIKE ACCOMMODATION DESIGN GUIDANCE
- RD-A-1 STANDARD ABBREVIATIONS
- S-CZ-1 CLEAR ZONE CRITERIA
- T-M-1 DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
- T-M-3 MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS
- T-M-4 STANDARD INTERSECTION PAVEMENT MARKINGS
- T-M-4A STANDARD UNSIGNALIZED MID-BLOCK CROSSING
- T-S-6 STANDARD MOUNTING DETAILS - BOLTED EXTRUDED PANELS
- T-S-9 STANDARD LAYOUT GROUND MOUNTED SIGNS
- T-S-10 STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN
- T-S-16 GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
- T-S-16A GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS
- T-S-19 STANDARD STEEL SIGN SUPPORTS
- T-S-20 SIGN DETAILS
- T-WZ-10 ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS







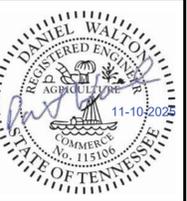




**MARKING ABBREVIATIONS:**

SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
SBWL	SINGLE BROKEN WHITE LINE
SBYL	SINGLE BROKEN YELLOW LINE
SDWL	SINGLE DASHED WHITE LINE
DSYL	DOUBLE SOLID YELLOW LINES

- NOTES:**
1. ALL PAVEMENT MARKING WITHIN TDOT R.O.W. SHALL BE THERMOPLASTIC.
  2. ALL EXISTING SIGNS ARE TO BE LEFT UNDISTURBED UNLESS CALLED OUT TO BE REMOVED.
  3. SIGNS SHOWN IN ROAD SHALL NOT BE PLACED IN PAVEMENT.
  4. EXISTING SIGNS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
  5. DO NOT APPLY PAVEMENT MARKINGS TO CAST-IRON GRATES OF STORM SYSTEMS.



**SIGNING AND PAVEMENT MARKING PLAN**  
**ROSA PARKS BLVD**  
**BIKE LANE IMPROVEMENTS**  
NASHVILLE, TN

REV.	DR.	CHK.	DATE	DESCRIPTION









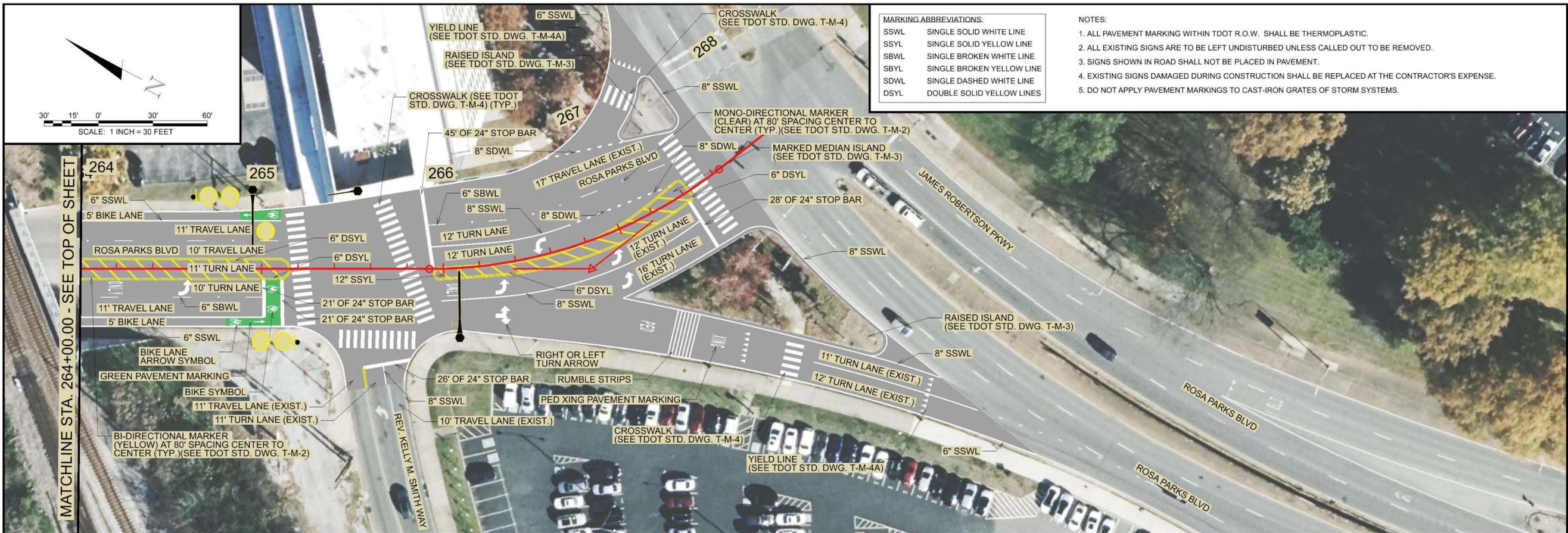








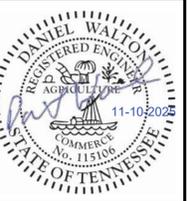




MATCHLINE STA. 257+00.00 - SEE SHEET PM-13

MATCHLINE STA. 264+00.00 - SEE BOTTOM OF SHEET

MATCHLINE STA. 264+00.00 - SEE TOP OF SHEET



**SIGNING AND PAVEMENT MARKING PLAN**  
**ROSA PARKS BLVD**  
**BIKE LANE IMPROVEMENTS**  
NASHVILLE, TN

REVISION INFORMATION	
REV.	DESCRIPTION

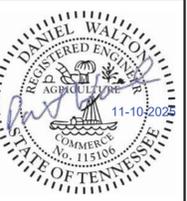
ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

SEE STD. DWG. NO. T-S-19

THE FOLLOWING STANDARD DRAWINGS APPLY UNLESS OTHERWISE NOTED IN THE REMARKS: FLAT SHEET (T-S SERIES 10, 12, 16, 17, 19, 20); EXTRUDED PANEL (T-S SERIES 6, 9, 13, 14); WALL/BARRIER MOUNTED (T-S-21), MULTI-DIRECTIONAL BASE (T-S SERIES 23A, 23B, 23C); RAILROAD (T-S-16)

SIGN NO	LEGEND	SHEET NO	SIZE				COPY			SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					REMARKS		
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL			SERIES	COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.		REIN. STEEL LBS.	MINIMUM VERTICAL CLEARANCE
S1	 R3-17	2,3,4,5,6,7,9,10,11,12	24"	18"	-	-	-	-	-	-	-	-	BLACK	WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	
S2	 W11-1	2,3,4,5,6,7,8,9,11	24"	24"	-	-	-	-	-	-	-	-	BLACK	YELLOW (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	
S3	 W16-1P	2,3,4,5,6,7,8,9,11	18"	24"	-	-	-	-	-	-	-	-	BLACK	YELLOW (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	MOUNTED BELOW SIGN S2
S4	 D11-1	2,3,4,5,6,7,8,9,11	24"	18"	-	-	-	-	-	-	-	-	WHITE	GREEN (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	
S5	 R4-4	2,3,4,5,6,7	36"	30"	-	-	-	-	-	-	-	-	BLACK	WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	
S6	 R3-7R	3,4,5,6,7	36"	36"	-	-	-	-	-	-	-	-	BLACK	WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	
S7	 R3-9cP	2,12	30"	12"	-	-	-	-	-	-	-	-	BLACK	WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	MOUNTED ABOVE SIGN S1
S8	 R3-9dP	2,12	30"	12"	-	-	-	-	-	-	-	-	BLACK	WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	MOUNTED ABOVE SIGN S1
S9	 R10-15R	10,11	30"	30"	-	-	-	-	-	-	-	-	BLACK & RED	YELLOW-GREEN & WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM							MOUNTED ON OVERHEAD TRAFFIC SIGNAL
S10	 R10-15L	14	30"	30"	-	-	-	-	-	-	-	-	BLACK & RED	YELLOW-GREEN & WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM							MOUNTED ON OVERHEAD TRAFFIC SIGNAL
S11	 R3-7bP	9,10,11	24"	12"	-	-	-	-	-	-	-	-	BLACK	WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	MOUNTED BELOW SIGN S12
S12	 R10-6a	3,4,5,6,9,10,11	24"	30"	-	-	-	-	-	-	-	-	BLACK	WHITE (RETRO-REFLECTIVE)	0.100" SHEET ALUMINUM	P8	14'	TYPE 4	-	-	7'	

**BARGE**  
DESIGN SOLUTIONS  
615 3RD AVENUE SOUTH / SUITE 700 / NASHVILLE / TENNESSEE / 37210

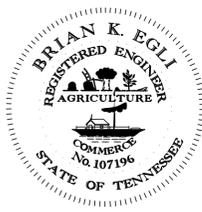


SIGN SCHEDULE SHEET

ROSA PARKS BLVD  
BIKE LANE IMPROVEMENTS  
NASHVILLE, TN

REV.	DR.	CHK.	DATE	DESCRIPTION

PM-15  
FILE NO. 3815902



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

**BRIAN KENNETH EGLI**  
2025.11.13 11:08:54 -06'00'

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

TENNESSEE DEPARTMENT OF TRANSPORTATION  
505 DEADERICK STREET, SUITE 1200  
NASHVILLE, TN 37243  
BRIAN K. EGLI, P.E. NO. 107196

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	STRUCTURE-SIGN 1
INDEX OF DRAWINGS	B1
BRIDGE TABULATION, ESTIMATED QUANTITIES, REPAIRS NOTES AND DETAILS	B2
PLAN VIEW APPROXIMATE REPAIRS LOCATIONS	B3
PHASE CONSTRUCTION	B4
TYPE 1 THIN EPOXY OVERLAY NOTES	B5

YEAR	PROJECT NO.	SHEET NO.
2026	19S012-M3-004	STRUCTURE-SIGN 1

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

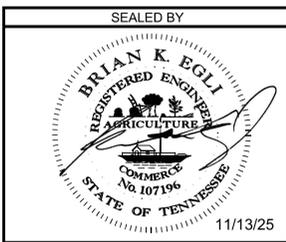
**SIGNATURE SHEET**

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

PROJECT NO.	YEAR	SHEET NO.	
19S012-M3-004	2026	B-1	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

<u>INDEX OF DRAWINGS</u>	<u>DWG. NO.</u>	<u>LAST REV. DATE</u>
SIGNATURE SHEET	STRUCTURE-SIGN 1	
INDEX OF DRAWINGS	B1	
BRIDGE TABULATION, ESTIMATED QUANTITIES, REPAIRS NOTES AND DETAILS	B2	
PLAN VIEW APPROXIMATE REPAIRS LOCATIONS	B3	
PHASE CONSTRUCTION	B4	
TYPE 1 THIN EPOXY OVERLAY NOTES	B5	

<u>INDEX OF REFERENCE DRAWINGS</u>	<u>DWG. NO.</u>
LAYOUT OF THE BRIDGE	M-71-61
SUPERSTRUCTURE	M-71-65

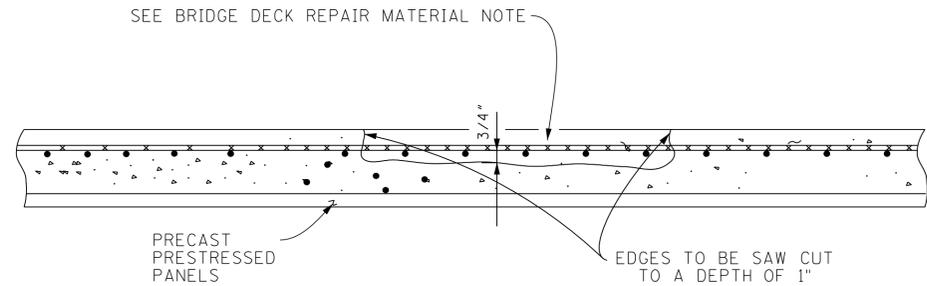


STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
INDEX OF DRAWINGS  
19-SR12-3.56 OVER  
FED. BRIDGE ID NO.  
19SR0120005  
CUMBERLAND RIVER  
DAVIDSON COUNTY  
2026

PIN NO.: 131257.00  
DESIGN BY: SILESHI ERGICHO DATE: 11/25  
DRAWN BY: KEVIN MARTINKO DATE: 11/25  
SUPERVISED BY: KEVIN MARTINKO DATE: 11/25  
CHECKED BY: DATE: 11/25

PROJECT NO.	YEAR	SHEET NO.	
19S012-M3-004	2026	B-2	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
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TABULATION OF BRIDGE RELATED WORK AND ESTIMATED QUANTITIES				
LOCATION OF BRIDGE AND BRIDGE NUMBER	REFERENCE DRAWINGS TO BE PRINTED WITH CONTRACT DRAWINGS	TYPE OF WORK	604-10.50 BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB) S.Y.	617-04.01 TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE) S.Y.
19-SR12-3.56 OVER CUMBERLAND RIVER (19SR0120005)	M-71-61 M-71-65	BRIDGE DECK REPAIRS TYPE 1 THIN EPOXY OVERLAY	50	7588
TOTAL			50	7588



**SKETCH SHOWING DECK REPAIR**

NOTE: PARTIAL DEPTH DECK REPAIR ONLY REMOVE CONCRETE IN ALL DELAMINATED AREAS TO A DEPTH OF 3/4" BELOW THE TOP BAR OF THE TOP MAT OF REINFORCING STEEL.

NOTE: PARTIAL DEPTH DECK REPAIRS ALL REINFORCING STEEL IN THE AREAS OF THE DECK REPAIRS SHALL BE COMPLETELY CLEANED. CLEANING SHALL BE DONE PRIOR TO PLACING NEW CONCRETE. AREAS OF CONCRETE REMOVAL SHALL BE DESIGNATED BY PERSONNEL FROM THE HEADQUARTERS, BRIDGE INSPECTION AND REPAIR OFFICE. INSPECTIONS TO DETERMINE AREAS OF DECK REPAIR SHALL BE SCHEDULED WITH THE BRIDGE REPAIR OFFICE AT LEAST (3) DAYS IN ADVANCE.

THE COST OF CONCRETE, CONCRETE REMOVAL, LABOR, CLEANING REBAR AND ANY MISCELLANEOUS MATERIAL REQUIRED SHALL BE PAID FOR UNDER ITEM NO. 604-10.50 BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB), S.Y.

NOTE: ITEM NO. 604-10.50, BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB) MAY BE INCREASED, DECREASED OR ELIMINATED AS DIRECTED BY THE ENGINEER.

NOTE: THE CONTRACTOR SHOULD TAKE EXTREME CARE WHEN REMOVING THE CONCRETE FOR PARTIAL DEPTH OF DECK REPAIR, SO AS NOT DAMAGE THE EXISTING PRECAST PRESTRESSED PANELS. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS ON ALL DAMAGED PANELS TO THE SATISFACTION OF THE PROJECT ENGINEER AT NO ADDITIONAL COST.

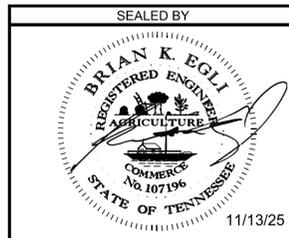
NOTE: NO PARTIAL DEPTH REPAIRS TO BE DONE ON SIDEWALKS OR MEDIAN IN THIS REPAIR PROJECT.

**BRIDGE DECK REPAIR MATERIAL**

ALL REPAIRS SHALL USE AN EXTENDED NON-MAGNESIUM PHOSPHET QUICK SET PATCHING MATERIAL FROM THE TDOT QUALIFIED PRODUCTS LIST: 13.004-RAPID SET CEMENTITIUOS PATCHING MATERIALS. PATCHING MATERIAL SHALL BE APPLIED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. MIX MUST MEET 3000 P.S.I. BEFORE OPENING TO TRAFFIC.

**POWER DRIVEN HAND TOOLS:**

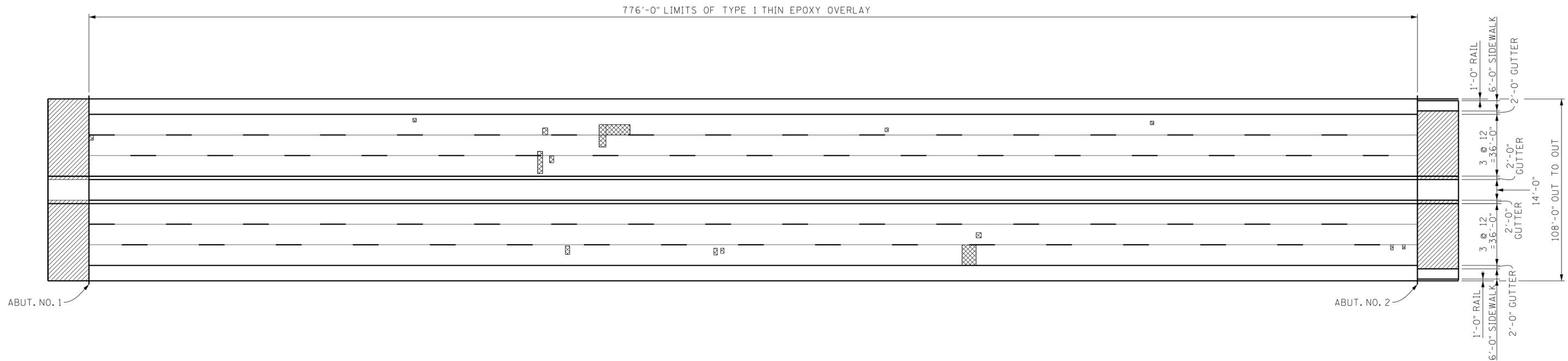
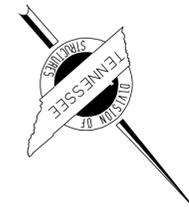
POWER DRIVEN HAND TOOLS USED FOR THE REMOVAL OF UNSOUND CONCRETE IN MAKING PARTIAL AND FULL DEPTH REPAIRS ARE SUBJECT TO THE FOLLOWING RESTRICTIONS:  
 (1) PARTIAL DEPTH REPAIRS; PNEUMATIC HAMMERS HEAVIER THAN NOMINAL 60 LB. CLASS SHALL NOT BE USED. ALSO TRAFFIC CONTROL SHALL BE SET UP DURING PARTIAL DEPTH REPAIRS OVER TRAFFIC.  
 (2) FULL DEPTH REPAIRS; PNEUMATIC HAMMERS HEAVIER THAN NOMINAL 90 LB. CLASS SHALL NOT BE USED. ALSO ALL DECK REPAIR OVER BEAMS WILL BE RESTRICTED TO 60 LB. PNEUMATIC HAMMERS.  
 (3) CHIPPING HAMMERS OF THE 15 LB. CLASS SHALL BE USED TO REMOVE CONCRETE FROM BENEATH ANY REINFORCING STEEL.



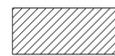
STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 BRIDGE TABULATION,  
 ESTIMATED QUANTITIES,  
 REPAIRS NOTES AND DETAILS  
 19-SR12-3.56 OVER  
 CUMBERLAND RIVER  
 FED. BRIDGE ID NO.  
 19SR0120005  
 DAVIDSON COUNTY  
 2026

PIN NO.: 131257.00  
 DESIGN BY: SILESHI ERGICHO DATE: 11/25  
 DRAWN BY: KEVIN MARTINKO DATE: 11/25  
 SUPERVISED BY: DATE: 11/25  
 CHECKED BY: DATE: 11/25

PROJECT NO.	YEAR	SHEET NO.	
19S012-M3-004	2026	B-3	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
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PLAN VIEW  
19-SR12-3.56

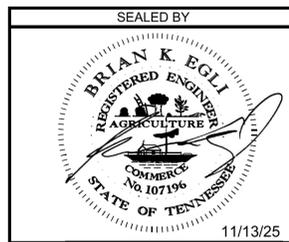


DENOTES: AREAS THAT HAVE EXISTING ASPHALT OVER APPROACH PAVEMENT SHALL BE PAVED, SEE PAVING SCHEDULE.



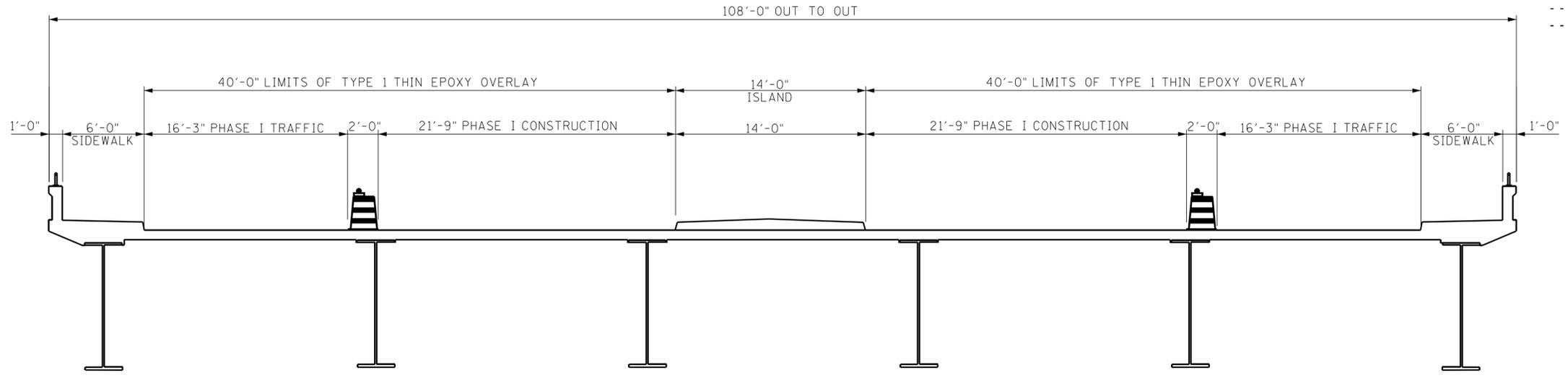
DENOTES: APPROXIMATE PARTIAL DEPTH REPAIRS LOCATIONS.

PIN NO.: 131257.00  
 DESIGN BY: SILESHI ERGICHO DATE: 11/25  
 DRAWN BY: SILESHI ERGICHO DATE: 11/25  
 SUPERVISED BY: KEVIN MARTINKO DATE: 11/25  
 CHECKED BY: DATE: 11/25

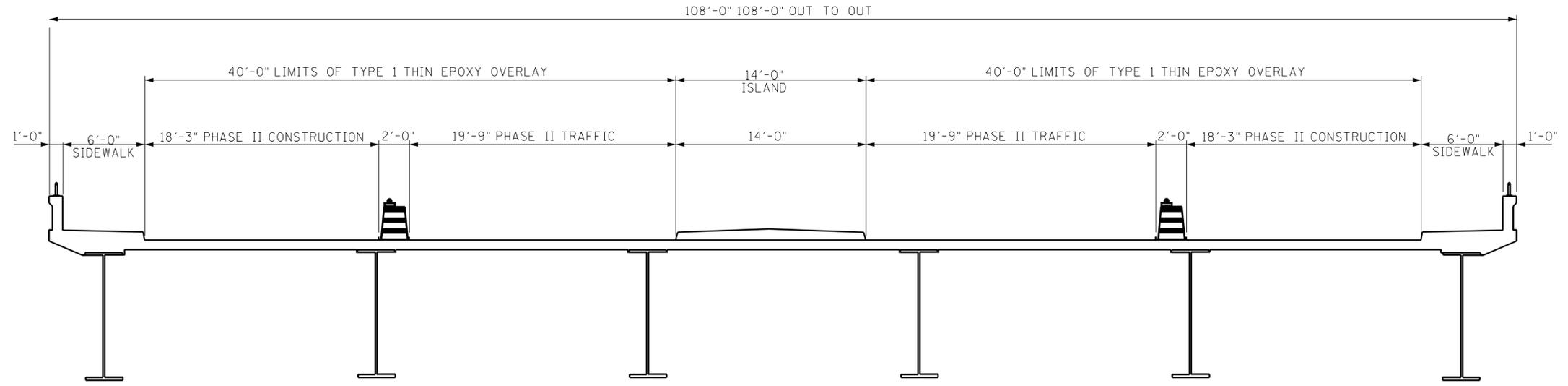


STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION  
 PLAN VIEW APPROXIMATE  
 REPAIRS LOCATIONS  
 19-SR12-3.56 OVER  
 CUMBERLAND RIVER  
 FED. BRIDGE ID NO.  
 19SR0120005  
 DAVIDSON COUNTY  
 2026

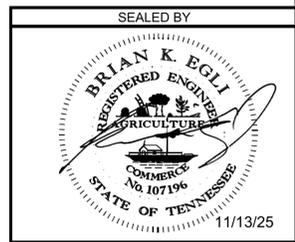
PROJECT NO.	YEAR	SHEET NO.	
19S012-M3-004	2026	B-4	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
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PHASE I CONSTRUCTION  
(LOOKING AHEAD ON THE SURVEY)



PHASE II CONSTRUCTION  
(LOOKING AHEAD ON THE SURVEY)



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
PHASE CONSTRUCTION  
19-SR12-3.56 OVER  
CUMBERLAND RIVER  
FED. BRIDGE ID NO.  
19SR0120005  
DAVIDSON COUNTY  
2026

PIN NO.: 131257.00  
DESIGN BY: SILESHI ERGICHO DATE: 11/25  
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SUPERVISED BY: KEVIN MARTINKO DATE: 11/25  
CHECKED BY: DATE: 11/25

PROJECT NO.	YEAR	SHEET NO.	
19S012-M3-004	2026	B-5	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
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**TYPE 1 THIN EPOXY OVERLAY NOTES :**

TYPE 1 THIN EPOXY OVERLAY SYSTEM - USE DECK PRETREATMENT/PRIMER PER MANUFACTURER'S RECOMMENDATION, AND 2 LIFTS OF AN EPOXY-URETHANE COPOLYMER AND AGGREGATE. TYPE 1 OVERLAY SHALL BE APPLIED MECHANICALLY USING METERED EQUIPMENT; HAND MIXING OF MATERIAL IS NOT PERMITTED.

THIN OVERLAY SYSTEM SHALL BE FROM THE QUALIFIED PRODUCTS LIST 23.005 TYPE 1 THIN OVERLAY (EPOXY URETHANE). MINIMUM OVERLAY THICKNESS SHALL BE 3/8 INCH.

APPLICATION EQUIPMENT SHOULD :

- A) BE CAPABLE OF METERING, MIXING AND DISTRIBUTING THE POLYMER AND PRETREATMENT TO MANUFACTURER'S RECOMMENDATION.
- B) USE AN APPLICATION MACHINE THAT FEATURES POSITIVE DISPLACEMENT VOLUMETRIC METERING PUMPS CONTROLLED BY A HYDRAULIC POWER UNIT.
- C) STORE COMPONENTS IN TEMPERATURE CONTROLLED RESERVOIRS CAPABLE OF MAINTAINING 100 DEGREES FAHRENHEIT (PLUS OR MINUS 10 DEGREES) TO INSURE OPTIMAL MIXING.
- D) CHECK MIXING RATIO AT THE PUMP OUTLETS AS WELL AS CYCLE COUNTING CAPABILITIES TO MONITOR OUTPUT ON STANDARD FEATURES.
- E) USE MOTIONLESS IN-LINE MIXING SO AS TO NOT OVERLY SHEAR THE MATERIAL TO ENTRAP AIR IN THE MIX.
- F) MAXIMIZE MATERIAL WORKING TIME BY MIXING IT IMMEDIATELY BEFORE DISPENSING.

AGGREGATE SHALL BE ANGULAR, HAVING LESS THAN 0.2% MOISTURE AND FREE OF DIRT, CLAY, ASPHALT AND OTHER FOREIGN OR ORGANIC MATERIALS. AGGREGATE FOR ALL LAYERS SHALL BE BAUXITE OR FLINT ROCK PRODUCTS FLINT AND MEETS THE FOLLOWING GRADATION:

SIEVE SIZE	% PASSING
NO. 6	95-100
NO. 10	10-35
NO. 20	0-3

FULL AND PARTIAL DEPTH DECK REPAIR SHALL CURE A MINIMUM OF 28 DAYS BEFORE THE OVERLAY IS PLACED. THE 28 DAYS MAY BE WAIVED IF THE OVERLAY MANUFACTURER PROVIDES A METHOD OF TESTING THE REPAIRED AREAS AND APPROVES THE PLACEMENT BY LETTER. TRAFFIC SHALL BE ALLOWED TO USE THE BRIDGE DURING THE CURING PERIOD OF THE PATCHES BUT NOT AFTER SHOTBLASTING. MAGNESIUM PHOSPHATE BASED MATERIALS WILL NOT BE ALLOWED.

THE CONCRETE DECK SURFACE SHALL BE CLEANED BY SHOTBLASTING TO REMOVE ANY OIL, DIRT, RUBBER, TRAFFIC STRIPING, OR ANY OTHER POTENTIAL DETRIMENTAL MATERIAL SUCH AS CURING COMPOUND AND LAITANCES, WHICH THE MANUFACTURER AND ENGINEER'S OPINION WOULD PREVENT PROPER BONDING AND CURING OF THE MATERIAL. IN AREAS WHERE SHOTBLASTING EQUIPMENT CAN NOT REACH (I.E., ALONG CURBS AND BRIDGE RAILS) SANDBLASTING IS PERMITTED TO AN EXTENT TO THE ENGINEER'S AND MANUFACTURER'S APPROVAL. IMMEDIATELY BEFORE APPLICATION, ALL PREPARED SURFACES SHALL BE CLEANED WITH COMPRESSED AIR OR VACUUMED TO REMOVE DUST AND DEBRIS. THE CONTRACTOR IS TO PREVENT THE TRACKING OF TACK COAT AND CONSTRUCTION DEBRIS ACROSS THE BRIDGE DECK PRIOR TO THE APPLICATION OF THE THIN OVERLAY. MILLING THE BRIDGE DECK WILL NOT BE AN OPTION FOR TACK COAT OR DEBRIS REMOVAL. REMOVAL SHALL BE AT THE CONTRACTOR'S EXPENSE.

ALL SURFACES THAT ARE TREATED SHALL BE DRY AT THE TIME OF APPLICATION. THE OVERLAY SHALL NOT BE APPLIED WHEN IT HAS RAINED 24 HOURS PRIOR TO, OR RAIN IS FORECAST WITHIN 8 HOURS AFTER, APPLICATION. THE MOISTURE CONTENT IN THE DECK SUBSTRATE SHALL BE TESTED. MOISTURE IS NOT TO EXCEED 4.5 PERCENT WHEN MEASURED BY ELECTRONIC METER. IF THE TEST SHOWS EXCESS MOISTURE, THE DECK SHALL CONTINUE TO DRY BEFORE APPLICATION PROCEEDS.

BLUSHING (A WAXY SURFACE COATING ON THE EPOXY) IS CAUSED BY THE REACTION OF MOISTURE WITH THE HARDENING AGENT. BLUSHING CREATES A SURFACE THAT MAKES FUTURE LAYERS DIFFICULT TO ADHERE. LIFTS THAT SHOW SIGNS OF BLUSHING SHALL BE REMOVED AND REPLACED PRIOR TO APPLICATION OF THE NEXT. THE COST TO REMOVE AND REPLACE THESE AREAS SHALL BE AT THE CONTRACTOR'S EXPENSE.

TRAFFIC, OTHER THAN APPLICATION EQUIPMENT, SHALL NOT BE ALLOWED ON ANY PORTION OF THE DECK THAT HAS BEEN SHOTBLASTED OR WHERE PART OF THE APPLICATION HAS BEEN PLACED.

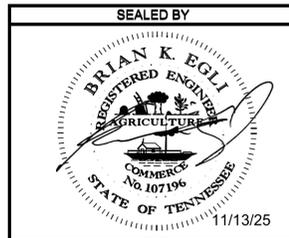
SEE MANUFACTURER'S RECOMMENDATIONS FOR REQUIRED AMBIENT AND SURFACE TEMPERATURES AND HUMIDITY LIMITS FOR APPLICATION.

THE MANUFACTURER SHALL HAVE A REPRESENTATIVE ON THE JOB SITE AT ALL TIMES DURING APPLICATION AND CURE TIME. THE REPRESENTATIVE, ALONG WITH CONSULTATION WITH ENGINEER, MAY SUSPEND ANY ITEM OF WORK THAT IS SUSPECT AND DOES NOT MEET THE REQUIREMENTS OF THE SPECIFICATIONS. WORK SHALL NOT RESUME UNTIL THE ENGINEER AND REPRESENTATIVE ARE SATISFIED THAT APPROPRIATE REMEDIAL ACTION HAS BEEN TAKEN BY THE CONTRACTOR.

ALL COSTS FOR AGGREGATE, EPOXY FOR MINIMUM OF TWO LIFTS, SURFACE PREPARATION, LABOR AND ANY OTHER MISCELLANEOUS MATERIALS REQUIRED TO PLACE THIN OVERLAY SHALL BE INCLUDED IN ITEM NO. 617-04.01, TYPE 1 THIN EPOXY OVERLAY (EPOXY URETHANE), S.Y.

THICKNESS VERIFICATION: THE PROJECT ENGINEER SHALL BE NOTIFIED OF THE NUMBER OF GALLONS USED ON THE PROJECT WITH NOTARIZED QUANTITY STATEMENTS FROM THE CONTRACTOR AND THE MANUFACTURER. THE CONTRACTOR SHALL VERIFY TO TDOT THAT THE OVERLAY IS AN AVERAGE OF AT LEAST 3/8 INCH THICK AT THREE RANDOM LOCATIONS AGREED UPON BY THE PROJECT ENGINEER AND THE MATERIAL MANUFACTURER REPRESENTATIVE. IF 3/8 INCH AVERAGE IS NOT ACHIEVED, A RETEST SHALL BE PERFORMED IN ADJOINING AREAS. THIN AREAS SHALL BE RE-COATED AS DESCRIBED ABOVE BY THE CONTRACTOR AND RE-VERIFIED AT NO ADDITIONAL COST TO TDOT. THIS VERIFICATION MAY CONSIST OF CORES MADE BY THE CONTRACTOR WITH A CORING BIT NOT LESS THAN 1 1/2" DIAMETER. THE TESTED AREAS SHALL BE REPAIRED BY THE CONTRACTOR BEFORE FINAL ACCEPTANCE BY THE PROJECT ENGINEER.

THE MANUFACTURER SHALL HAVE A REP ON THE JOB SITE AT ALL TIME DURING APPLICATION AND CURE TIME. THE REP WITH THE ENGINEER, MAY SUSPEND AN ITEM OF WORK THAT IS SUSPECT AND DOES NOT MEET THE REQUIREMENTS OF THE SPECS. WORK SHALL NOT RESUME UNTIL THE ENGINEER AND REP ARE SATISFIED THAT APPROPRIATE REMEDIAL ACTION HAS BEEN TAKEN BY THE CONTRACTOR.



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
TYPE 1 THIN EPOXY  
OVERLAY NOTES  
19-SR12-3.56 OVER  
CUMBERLAND RIVER  
FED. BRIDGE ID NO.  
19SR0120005  
DAVIDSON COUNTY  
2026

PIN NO.: 131257.00  
DESIGN BY: SILESHI ERGICHO DATE: 11/25  
DRAWN BY: KEVIN MARTINKO DATE: 11/25  
SUPERVISED BY: DATE: 11/25  
CHECKED BY: DATE: 11/25



