

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:
James Fritz Brogdon, PE
Digitally signed by: James Fritz Brogdon, PE
DN: CN = James Fritz Brogdon, PE email = fritz.brogdon@arcadis.com C = US O = Arcadis, Inc. OU = Senior Transportation Engineer
Date: 2024.11.20 09:31:09 -0500'

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ARCADIS U.S. INC.
1210 PREMIER DRIVE, SUITE 200
CHATTANOOGA, TN

JAMES FRITZ BROGDON, P.E. NO. 106940

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 ROADWAY DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
TABULATED QUANTITIES	2F, 2F1, 2F2
CURB RAMP DETAILS	2G, 2G1-2G5
PAVEMENT MARKING DETAIL.....	2H
UTILITY NOTES AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL.....	T1

YEAR	PROJECT NO.	SHEET NO.
2025	STP-39(22)	ROADWAY-SIGN1
	54S039-F8-007	
	STP/HSIP-39(23)	
	54S039-F8-006	
	54S039-F3-006	

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET

Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

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

TENN.	YEAR	SHEET NO.
	2025	1
FED. AID PROJ. NO.	STP-39(22)	
STATE PROJ. NO.	54S039-F8-007	
FED. AID PROJ. NO.	STP/HSIP-39(23)	
STATE PROJ. NO.	54S039-F8-006, 54S039-F3-006	

McMINN COUNTY

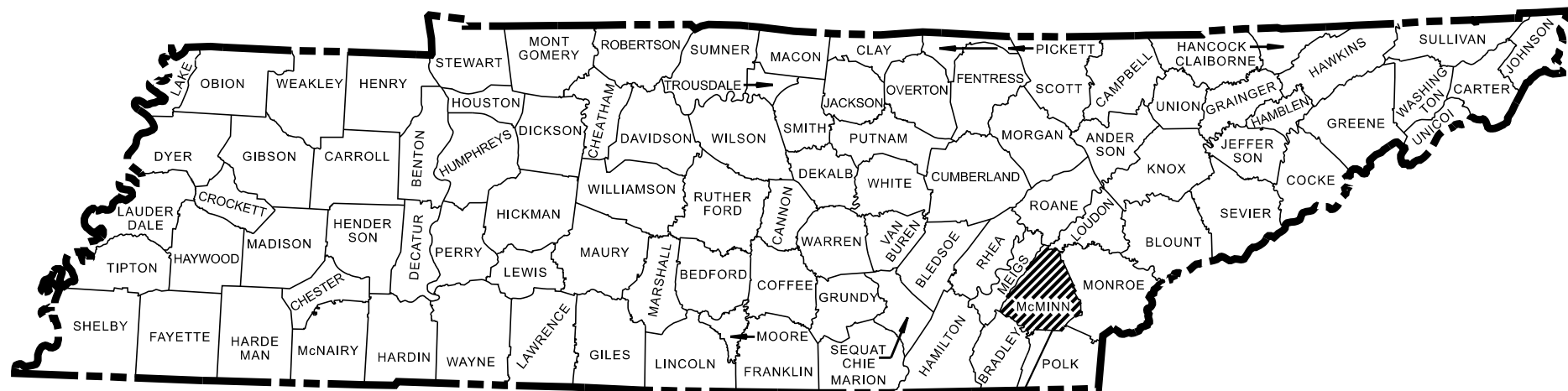
STATE ROUTE 39
FROM WEST OF COOK DRIVE (LM 8.12)
TO SR-30 (LM 9.32)
INCLUDES SR-39 WB FROM LM 0.00 TO LM 0.53

RESURFACE
COLD PLANE, RESURFACE, AND PAVEMENT MARKINGS

STATE ROUTE 39
FROM SR-310 (LM 22.52)
TO MONROE COUNTY LINE (LM 23.33)

RESURFACE & SAFETY
COLD PLANE, RESURFACE, NIGHT WORK,
CURB RAMPS, AND PAVEMENT MARKINGS

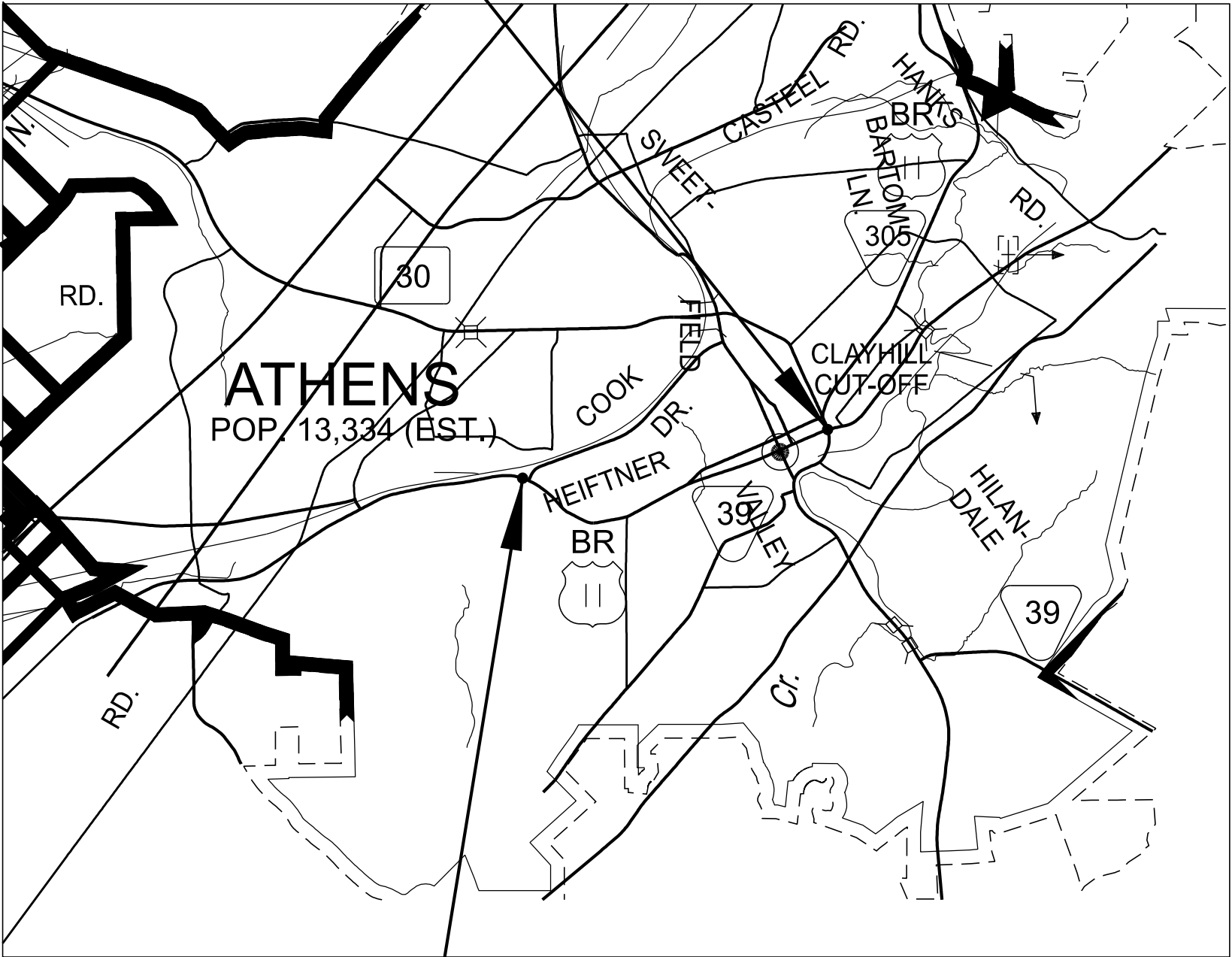
STATE HIGHWAY NO. 39 F.A.H.S. NO. N/A



PROJECT LOCATION
NO BRIDGES WITHIN PROJECT LIMITS

NO EXCLUSIONS

54S039-F8-006
54S039-F3-006
END PROJECT NO. STP/HSIP-39(23) RESURFACE & SAFETY
L.M. 9.32



54S039-F8-006
54S039-F3-006
BEGIN PROJECT NO. STP/HSIP-39(23) RESURFACE & SAFETY
L.M. 8.12

SPECIAL NOTES

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

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

TDOT PROJECT MANAGER : ANDREW ZAZZARA, P.E.

DESIGNED BY : ARCADIS U.S., INC.

DESIGNER : STEFFAN HOLDER

CHECKED BY : JAMES FRITZ BROGDON, P.E.

P.E. NO. 98023-4217-04

PIN NO. 134100.00; 135407.00

SCALE: 1"= 2640'

0 0.5 1.0 1.5
MILES

54S039-F8-007
BEGIN PROJECT NO. STP-39(22) RESURFACE
L.M. 22.52

54S039-F8-007
END PROJECT NO. STP-39(22) RESURFACE
L.M. 23.33

PROJECT LENGTH (L.M. 8.12 - L.M. 9.32) 1.20 MILES
TOTAL LANE MILES RESURFACED 5.74 MILES

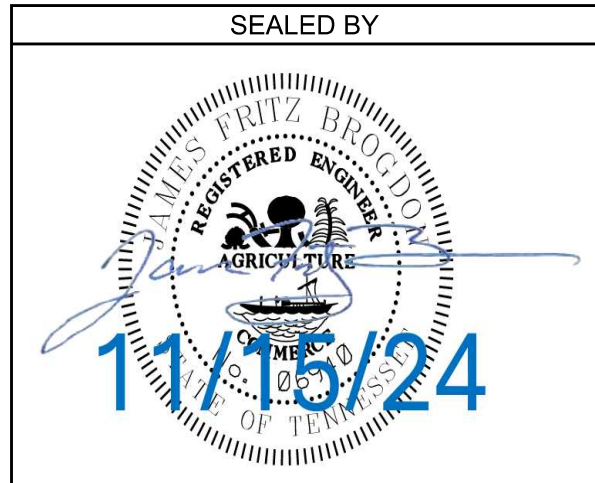
PROJECT LENGTH (L.M. 22.52 - L.M. 23.33) 0.81 MILES
TOTAL LANE MILES RESURFACED 1.62 MILES

TRAFFIC DATA (L.M. 8.12 - L.M. 9.32)

ADT (2025)	4480
POSTED SPEED	30 MPH

TRAFFIC DATA (L.M. 22.52 - L.M. 23.33)

ADT (2025)	1300
POSTED SPEED	45 MPH



APPROVED: 
WILL REID, CHIEF ENGINEER

DATE:

APPROVED: 
HOWARD H. ELEY, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

ROADWAY INDEX

STANDARD ROADWAY DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	1A
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F8-006	
		54S039-F3-006	

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS.....	1A
ESTIMATED ROADWAY QUANTITIES.....	2, 2-1
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B, 2B1
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
TABULATED QUANTITIES	2F, 2F1-2F2
CURB RAMP DETAILS	2G, 2G1-2G5
PAVEMENT MARKING DETAIL.....	2H
UTILITY NOTES AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL.....	T1

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

NO PROJECT COMMITMENT SHEET INCLUDED IN THIS SET OF PLANS

10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS

RD-Tp-1	09-26-16	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND

10-105.00 MULTIMODAL

MM-CR-1	06-28-19	DETECTABLE WARNING SURFACE PLACEMENT ON CURB RAMPS
MM-CR-5	06-28-19	SINGLE CROSSING CURB RAMP IN CURVE
MM-CR-6		DUAL CROSSING CURB RAMP PLACED OUTSIDE CURVE
MM-CR-7		CURB RAMPS IN CURVE BI-DIRECTIONAL DUAL CROSSING
MM-CR-8		MONO-DIRECTIONAL SINGLE CROSSWALK CURB RAMP DETAILS

10-107.00 DESIGN - TRAFFIC CONTROL

T-M-1	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-09-24	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-M-16	07-30-24	RUMBLE STRIPE INSTALLATION LAYOUT
T-M-16A	02-03-20	RUMBLE STRIPE DETAILS FOR EDGE OF PAVEMENT AND CENTERLINE
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-04-21	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-55	10-29-21	SIDEWALK TRAFFIC CONTROL

10-108.00 EROSION PREVENTION AND SEDIMENT CONTROL

EC-STR-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-39A	08-01-12	CURB INLET PROTECTION TYPE 3 & 4

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION


ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2
		54S039-F8-007	

ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
			54S039-F8-007
(1)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	1.6
(2)	403-02.01 TRACKLESS TACK COAT	TON	6
(3)	411-01.10 ACS MX(PG64-22) GRADING D	TON	786
(4)	411-01.21 LONGITUDINAL JOINT SEALANT	L.M.	0.8
	411-12.04 SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	L.M.	1.6
(5)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	779
	712-01 TRAFFIC CONTROL	LS	0.4
(6)	712-06 SIGNS (CONSTRUCTION)	S.F.	224
	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	2
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	55
	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	55
(7)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	21
(8)	716-05.01 PAINTED PAVEMENT MARKING (4" LINE)	L.M.	4.9
(9)	716-05.05 PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	21
(10)	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	3.3
	717-01 MOBILIZATION	LS	0.4

FOOTNOTES	
(1)	INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET 2D, SPECIAL PAVING NOTE (1).
(2)	INCLUDES <u>0.1 TONS</u> FOR PRIVATE DRIVES , <u>0.1 TONS</u> FOR PULL OFFS, AND <u>0.1 TONS</u> FOR SR-310 INTERSECTION.
(3)	INCLUDES <u>8.8 TONS</u> FOR PRIVATE DRIVES , <u>1.8 TONS</u> FOR FIELD ENTRANCES, <u>12.9 TONS</u> FOR PULL OFFS, AND <u>7 TONS</u> FOR SR-310 INTERSECTION.
(4)	USE CRAFCO PAVEMENT JOINT ADHESIVE #34524. PAVON JOINT ADHESIVE BY PAVON CORPORATION OR DENSO TAPE BY DENSO.
(5)	INCLUDES <u>6.9 TONS</u> FOR SR-310 INTERSECTION AND <u>12.8 TONS</u> FOR PULL OFFS.
(6)	SEE SHEET NUMBER 2F FOR TABULATION BLOCK.
(7)	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.
(8)	NCLUDES 3.3 L.M FOR TEMPORARY MARKING ON MILLED SURFACE AND 1.6 L.M. TEMPORARY EDGELINE MARKING ON FINAL SURFACE TO SERVE AS A TRACER LINE FOR RUMBLE STRIPE INSTALLATION.
(9)	ITEM FOR TEMPORARY PAVEMENT MARKING ON MILLED SURFACE.
(10)	CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.

SEALED BY



11/15/24

MCMINN COUNTY
(L.M. 22.52 - L.M. 23.33)


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

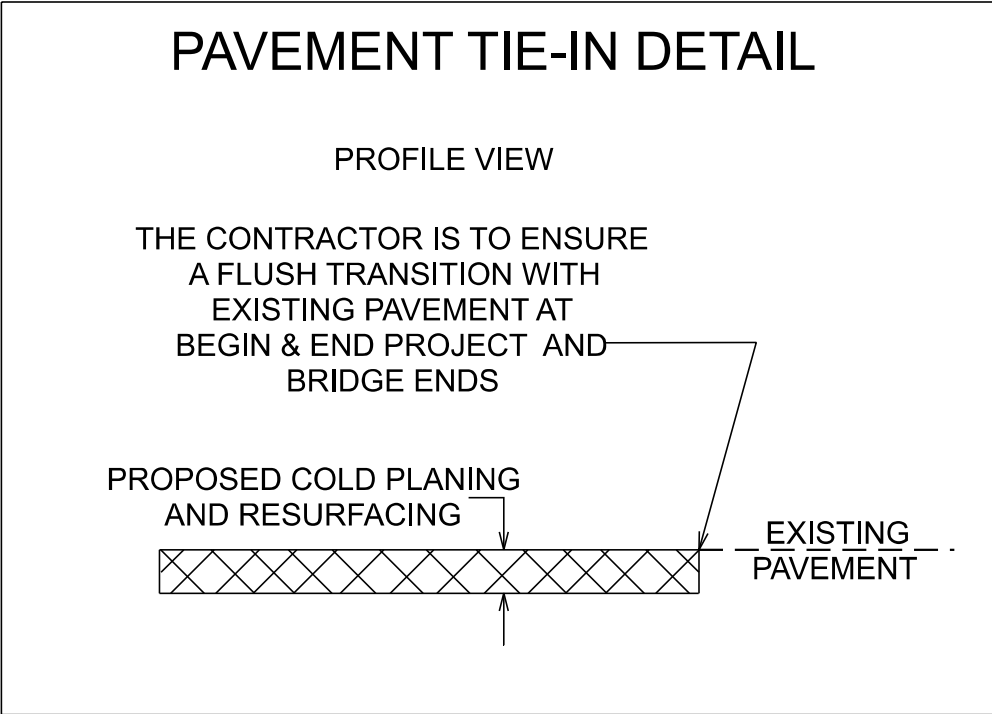
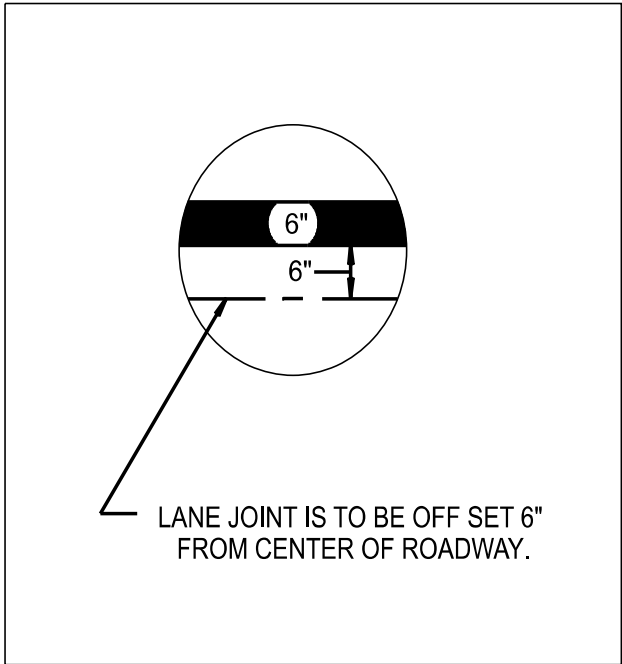
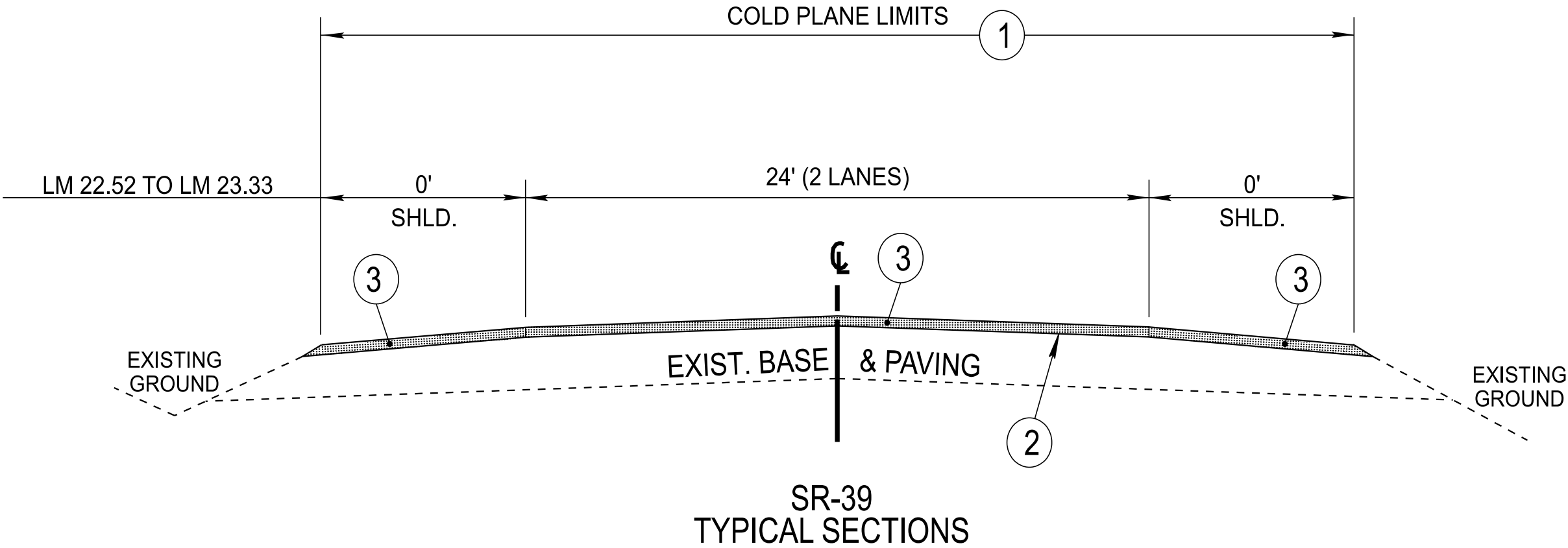
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP/HSP-39(23)	2-1
		54S039-F8-006	
		54S039-F3-006	

ESTIMATED ROADWAY QUANTITIES						
	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 54S039-F8-006	QUANTITY 54S039-F3-006	TOTAL QUANTITY
(1A)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	2.8		2.8
	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	24		24
(2A)	403-02.01	TRACKLESS TACK COAT	TON	21		21
(3A)	411-01.10	ACS MIX(PG64-22) GRADING D	TON	3154		3154
(4A)	411-01.21	LONGITUDINAL JOINT SEALANT	L.M.	4.3		4.3
(5A)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	3124		3124
(6A)	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	20		20
	701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	4728.9		4728.9
	712-01	TRAFFIC CONTROL	LS	0.6		0.6
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	362		362
(7A)	712-05.01	WARNING LIGHTS (TYPE A)	EACH	181		181
	712-06	SIGNS (CONSTRUCTION)	S.F.	748		748
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	48		48
	712-08.03	ARROW BOARD (TYPE C)	EACH	2		2
(8A)	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2		2
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH		70	70
	716-01.22	SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	EACH		228	228
(9A)	716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.		593	593
(9A)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		336	336
(9A)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		908	908
(9A)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		10	10
(9A)	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.		100	100
(9A)	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		1180	1180
(9A)	716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.		0.1	0.1
(9A)	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH		2	2
(9A)	716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH		5	5
(9A)	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH		6	6
(9A)	716-04.10	PLASTIC PAVEMENT MARKING (HANDICAP SYMBOL)	EACH		6	6
(9A)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.		64	64
(10A)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	7.5		7.5
(10A)	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	908		908
(11A)(12A)	716-12.02	ENHANCED FLATLINE THERMO PVM T MRKNG (6IN LINE)	L.M.	7.5		7.5
	716-12.05	ENHANCED FLATLINE THERMO PVM T MRKNG (6IN DOTTED LINE)	L.F.		535	535
	717-01	MOBILIZATION	LS	0.6		0.6

FOOTNOTES	
(1A)	INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET 2D, SPECIAL PAVING NOTE (1).
(2A)	INCLUDES <u>1 TON</u> FOR CITY STREETS AND CROSS-OVER.
(3A)	INCLUDES <u>145 TONS</u> FOR CITY STREETS AND CROSS-OVER.
(4A)	USE CRAFCO PAVEMENT JOINT ADHESIVE #34524. PAVON JOINT ADHESIVE BY PAVON CORPORATION OR DENSO TAPE BY DENSO.
(5A)	INCLUDES 143 TONS FOR CITY STREETS AND CROSS-OVER.
(6A)	THE REMOVAL/MODIFICATIONS OF THE EXISTING SIDEWALK AND CURB, AS NEEDED, TO INSTALL THE CURB RAMP IS INCLUDED IN THE PRICE BID FOR THE ITEM. SEE SHEET 2F1 FOR CURB RAMP TABULATED QUANTITIES AND SHEETS 2G, 2G1-2G5 FOR CURB RAMP DETAILS.
(7A)	SEE SHEET NUMBER 2F1 FOR TABULATION BLOCK.
(8A)	TO BE USED ON SR-39 OR AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(9A)	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.
(10A)	ITEM FOR TEMPORARY PAVEMENT MARKING ON MILLED SURFACE.
(11A)	INCLUDES 0.6 MILES FOR PARKING LINES TO BE STRIPED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
(12A)	CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.

SEALED BY

MCMINN COUNTY (L.M. 8.12 - L.M. 9.32)
STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
ESTIMATED ROADWAY QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2B
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F8-006	
		54S039-F3-006	



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

PROPOSED PAVEMENT SCHEDULE	
① COLD PLANING 1.25" THICK (APPROX. 131.25 LBS/SY) ITEM 415-01.01 COLD PLANING BITUMINOUS PAVEMENT, TON	③ SURFACE MIX 1.25" THICK @ APPROX. 132.5 LBS/SY ITEM 411-01.10 ACS MIX (PG64-22) GRADING "D", TON
② TRACKLESS TACK COAT (TC) ITEM 403-02.01 TRACKLESS TACK COAT (TC), TON SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD.	

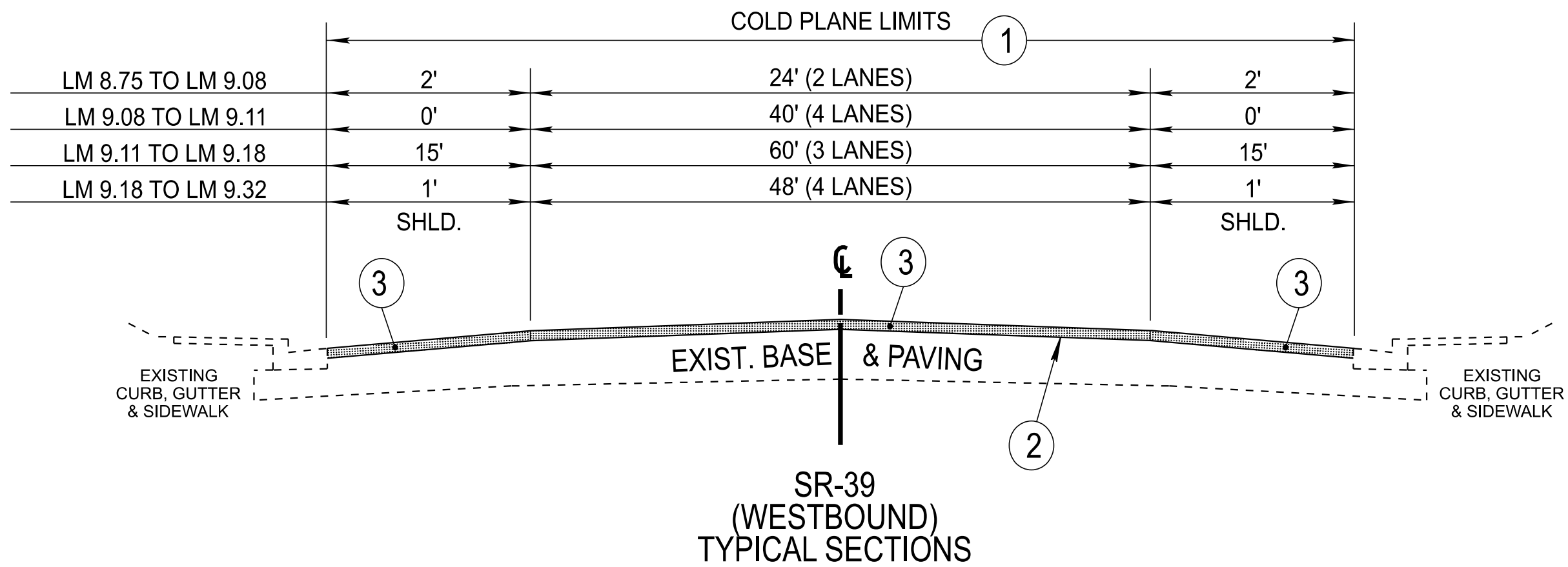
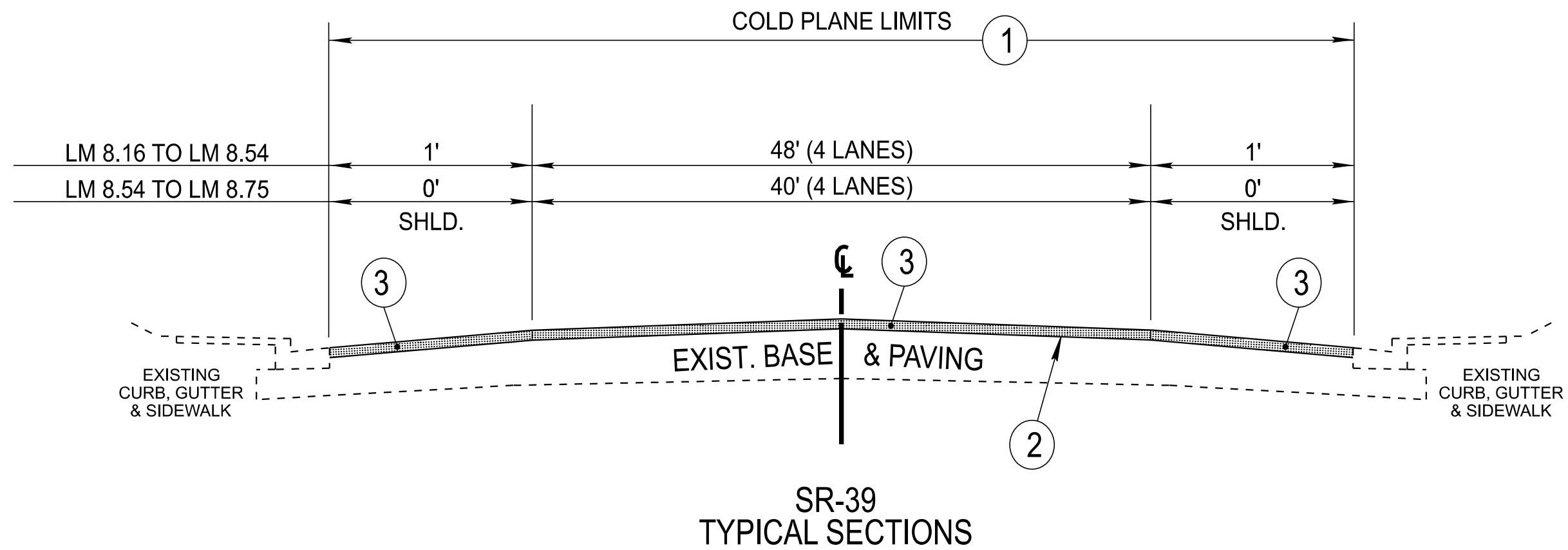
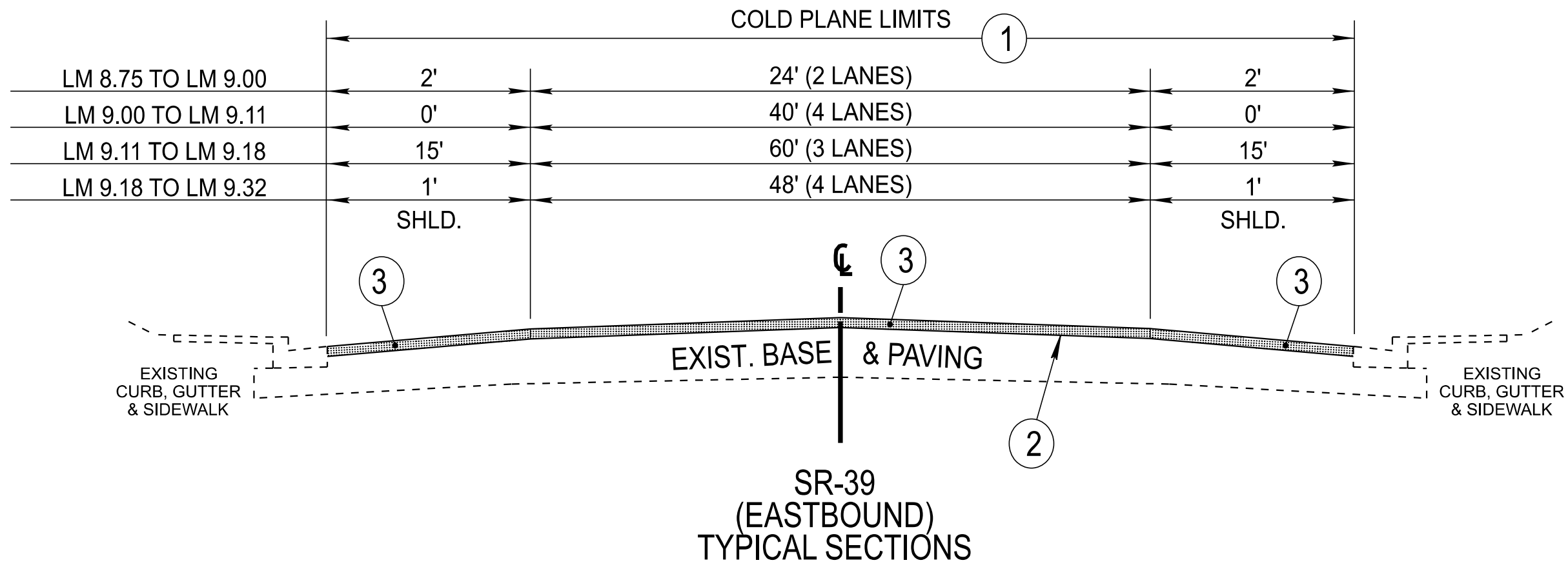
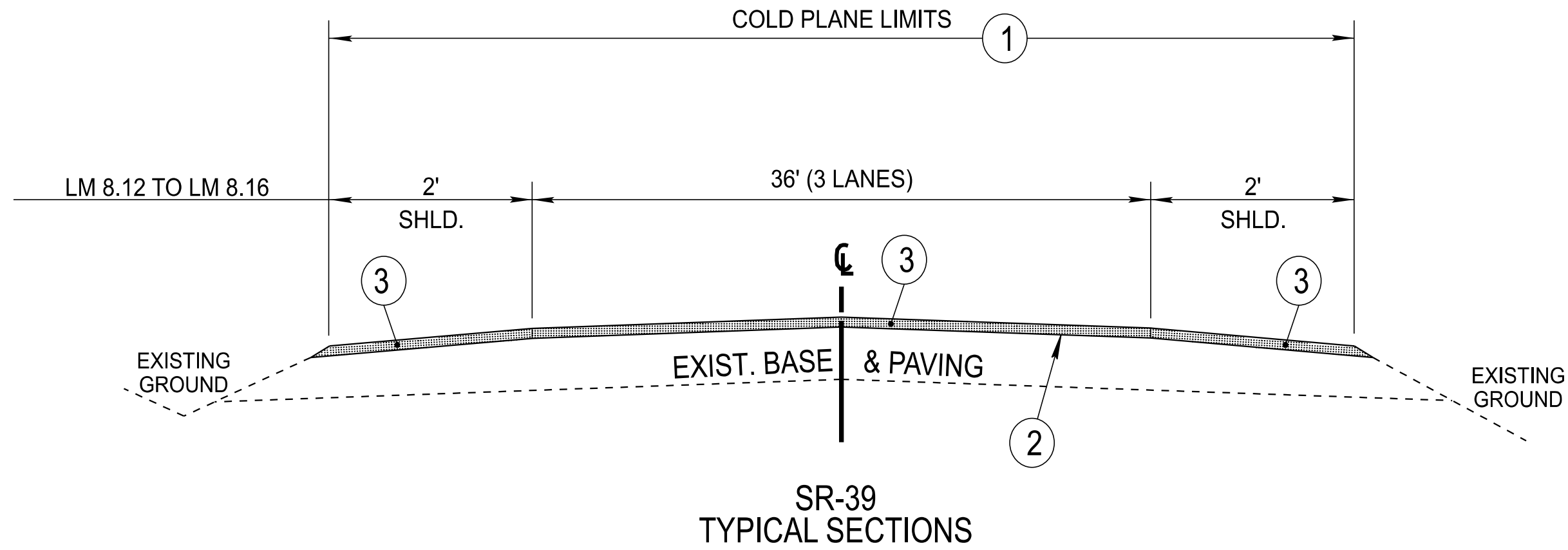
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MCMINN COUNTY
(L.M. 22.52 - L.M. 23.33)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

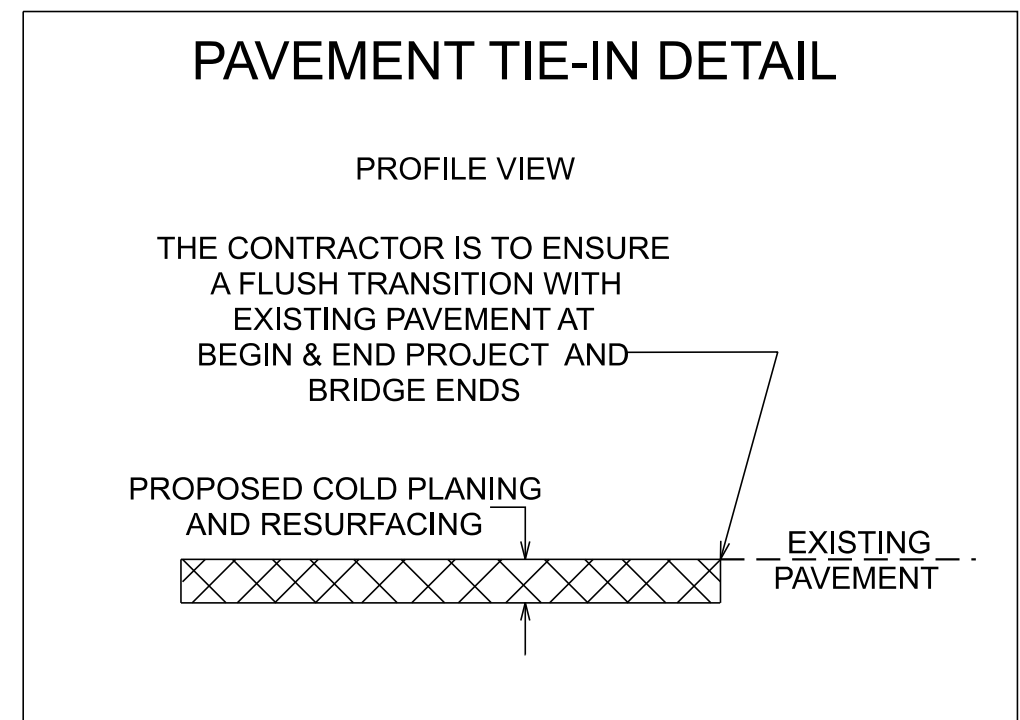
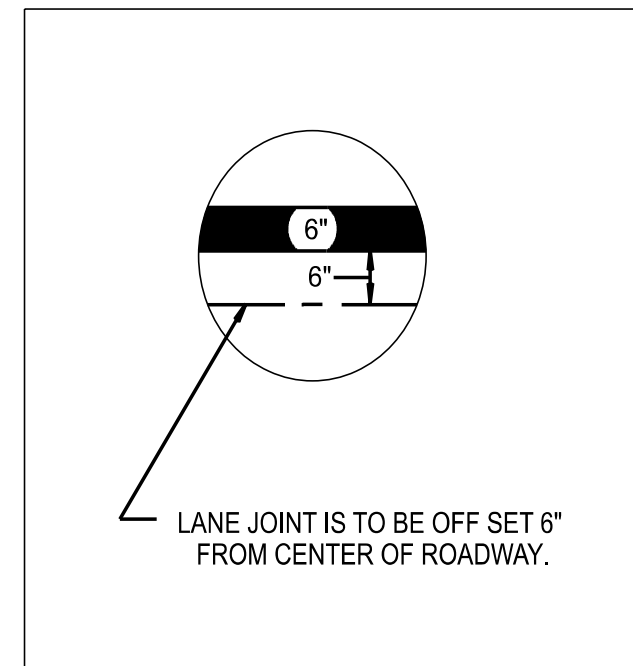
TYPICAL
SECTIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2B1
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F8-006	
		54S039-F3-006	



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

PROPOSED PAVEMENT SCHEDULE	
① COLD PLANING 1.25" THICK (APPROX. 131.25 LBS/SY) ITEM 415-01.01 COLD PLANING BITUMINOUS PAVEMENT, TON	③ SURFACE MIX 1.25" THICK @ APPROX. 132.5 LBS/SY ITEM 411-01.10 ACS MIX (PG64-22) GRADING "D", TON
② TRACKLESS TACK COAT (TC) ITEM 403-02.01 TRACKLESS TACK COAT (TC), TON SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD.	



SEALED BY

MCMINN COUNTY
(L.M. 8.12 - L.M. 9.32)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

SPECIAL NOTES

TRAFFIC CONTROL

- (1)

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

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

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

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

THE CONTRACTOR SHALL PROVIDE FLAGGER AT EACH SIDEROAD WITHIN THE PAVING OPERATION.
- (7)

CHANGEABLE MESSAGE SIGNS UNITS (ITEM NO. 713-16.01) WILL BE REQUIRED ON THIS PROJECT. THE SIGNS WILL BE USED FOR ADVANCED WARNING OR AS DIRECTED BY THE ENGINEER.
- (8)

MESSAGE BOARDS SHALL BE DISPLAYED A MINIMUM OF SEVEN (7) DAYS PRIOR TO STARTING WORK TO INFORM PUBLIC OF UPCOMING CONSTRUCTION PROJECT.
- (9)

PRIOR TO DISPLAYING MESSAGES ON CHANGEABLE MESSAGE BOARDS, ALL MESSAGES SHALL BE APPROVED BY THE TDOT PROJECT ENGINEER AND REGION 2 TRAFFIC ENGINEER.
- (10)

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

LANE CLOSURES

- (1)

THE RESTRICTION OF TRAFFIC TO ONE LANE SHALL NOT EXCEED ONE DAY'S PAVING OPERATION.
- (2)

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

DAYTIME LANE CLOSURES WILL NOT BE ALLOWED UNLESS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (4)

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

A.

OFFICIAL STATE HOLIDAYS.

B.

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

C.

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

D.

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

PAVING

- (1)

CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:

•

BROOMING & DEGRASSING SHOULDERS SHALL INCLUDE CLIPPING OF MATERIAL INTERFERING WITH PROPER DRAINAGE OR ROADWAY AND SHOULDERS AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED.
- ALL COSTS ASSOCIATED WITH CLIPPING, BROOMING AND DE-GRASSING SHALL BE PAID FOR UNDER ITEM NO. 208-01.05
- (2)

INTELLIGENT COMPACTION SHALL BE USED.
- (3)

ANY QUANTITY REMAINING ON ITEMS COMPLETED PRIOR TO THE PAVING OPERATION WILL NOT BE CONVERTED TO ADDITIONAL ASPHALT FOR THE ROADWAY.
- (4)

THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK.

•

REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

MISCELLANEOUS

- (1)

ALL SAFETY IMPROVEMENTS TO BE PAID FOR UNDER PROJECT NUMBER: STP/HSIP-39(23); 54S039-F3-006.

PAVEMENT MARKING

- (1)

THE CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF ALL PAVEMENT MARKING. ANY CHANGE FROM THE EXISTING PAVEMENT MARKINGS MUST BE APPROVED BY THE REGION2 TRAFFIC MANAGER.
- (2)

EXISTING PAVEMENT MARKING IN THE SIDE ROAD RADII SHALL BE RE-TRACED AS DIRECTED BY THE TDOT PROJECT ENGINEER DURING FINAL STRIPING.

COLD PLANING

- (1)

THE CONTRACTOR WILL BE REQUIRED TO PAVE THE COLD PLANED PAVEMENT WITHIN A PERIOD OF 96 HOURS.
- (2)

PROVIDED THAT THE CONTRACTOR USES A COLD PLANING MACHINE WITH THE MILLING DRUM SPECIFICATIONS OF CLOSELY SPACED FINE TOOTH (5/16 INCHES OR SMALLER) MILLING DRUM, MOVING FORWARD AT MODERATE SPEED (50 TO 65 FPM.) AND THE UNDER SURFACE REMAINS INTACT (HAVING NO LOOSE MATERIAL OR GOUGES,) THEN THECONTRACTOR MAY PERMISSION FROM THE REGION 2 PROJECT ENGINEER TO MILL ALL SURFACES BEFORE COVERING WITH BITUMINOUS MATERIAL.
- (3)

IF MILLED SURFACE BEGINS TO DETERIORATE, PAVING TO COVER UP DETERIORATING MILLED SURFACES SHOULD OCCUR AS DIRECTED BY THE TDOT PROJECT ENGINEER DURING THE NEXT WORKING DAY. IF SEVERE DISTRESS OCCURS, IMMEDIATE RESPONSE WILL BE REQUIRED.
- (4)

IF SUBSURFACE PAVEMENT FAILURE IS EXPOSED AFTER MILLING, REMOVE AREA OF FAILURE TO SOUND PAVEMENT AND REPLACE WITH GR "D" MIX PRIOR TO PLACING PROPOSED OVERLAY.
- (5)

AT THE COMPLETION OF COLD PLANING OPERATION, ANY DEPRESSIONS WILL BE CLEANED AND BROUGHT TO PROPER GRADE WITH GR "D" MIX MATERIAL. THE COST OF THE CLEAN UP WILL BE INCLUDED IN THE UNIT PRICE FOR GR "D" MIX MATERIAL.
- (6)

THE CONTRACTOR SHOULD TAKE EXTREME CARE WHEN COLD PLANING THE EXISTING ASPHALT NEAR EXISTING MANHOLES AS NOT TO DAMAGE MANHOLE OR CONCRETE RING AROUND EXISTING MANHOLE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS ON ALL DAMAGED MEMBERS TO THE SATISFACTION OF THE TDOT PROJECT ENGINEER AT NO ADDITIONAL COST.

- (7)

EXISTING CONCRETE POURED AROUND CATCH BASINS AT THE GUTTER SHALL NOT BE DAMAGED. THIS CONCRETE MUST REMAIN IN PLACE WITH ASPHALT TYING TO THE EXISTING CONCRETE. ANY DAMAGE WILL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE DEPARTMENT.
- (8)

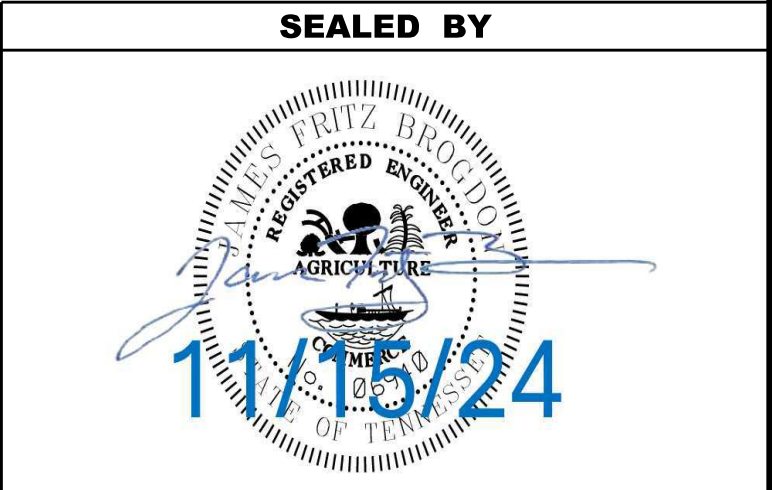
ADJUSTMENT OF EXISTING MANHOLE INCLUDES LOWERING BEFORE MILLING OPERATION BEGINS AND RAISING BACK UP AFTER FINAL PAVING.

MULTIMODAL

- (1)

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP-39(22)	2D
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F8-006	
		54S039-F3-006	



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL
NOTES

ENVIRONMENTAL NOTES

NATURAL RESOURCES

- (4)

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

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

SPECIES

- (11)

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

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

PERMITS, PLANS & RECORDS

- (15)

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

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

- (1)

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

SCOPE OF WORK

- (6)

COLD PLANE, RESURFACE, NIGHT WORK, CURB RAMPS, AND PAVEMENT MARKINGS.

EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

DISTURBED AREA

- (1)

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

SEDIMENT CONTROL

- (6)

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

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

GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

- (29)

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

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

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

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

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

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

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

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

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

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

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

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

ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

SPILL PREVENTION, MANAGEMENT & NOTIFICATION

- (44)

ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE AND SPILLS.
- (45)

FOR ALL HAZARDOUS MATERIALS STORED ONSITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP SHALL BE CLEARLY POSTED. SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.
- (46)

APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT SHALL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ONSITE AND UNDER COVER. SPILL RESPONSE EQUIPMENT SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES.
- (47)

ALL SPILLS SHALL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- (48)

THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.
- (49)

IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (E.G. SETTLING PONDS, DETENTION PONDS, SWALES), ACTION SHALL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR SHALL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES.
- (50)

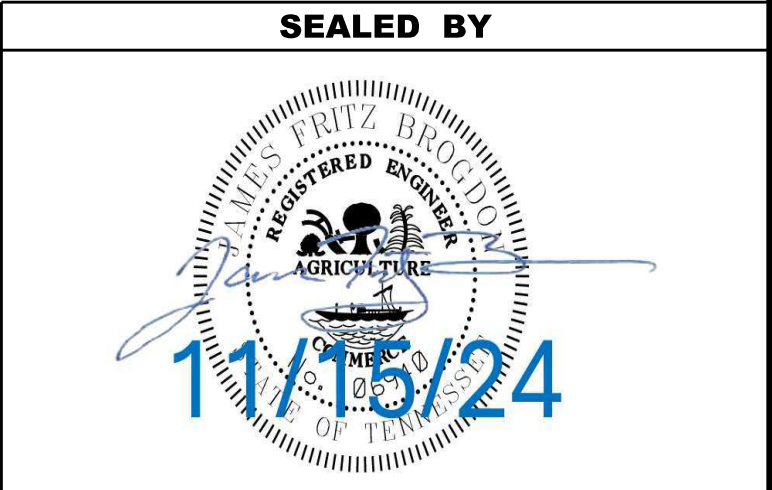
FERTILIZERS SHALL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED. ONCE APPLIED, FERTILIZERS SHALL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER.
- (51)

IF A SPILL OCCURS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE TDOT PROJECT RESPONSIBLE PARTY. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.
- (52)

WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD, SEE THE LATEST TENNESSEE GENERAL PERMIT NO. TNR100000 STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES SECTION 5.1 FOR REPORTING REQUIREMENTS.
- (53)

CONTRACTOR'S BULK FUEL AND PETROLEUM PRODUCTS STORED ONSITE OR ADJACENT TO THE R.O.W. IN ABOVE GROUND STORAGE CONTAINERS WITH A COMBINED CAPACITY OF 1320 GALLONS OR MORE SHALL HAVE SECONDARY CONTAINMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN FOR THE BULK STORAGE AND BE SOLELY RESPONSIBLE FOR OBTAINING ANY NECESSARY LOCAL, STATE, AND FEDERAL PERMITS. THE SPCC PLAN AND/OR PERMITS SHALL BE KEPT ONSITE AND A COPY PROVIDED TO THE TDOT PROJECT RESPONSIBLE PARTY PRIOR TO STORING 1320 GALLONS ON SITE.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2E
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F8-006	
		54S039-F3-006	



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL
NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2F
		54S039-F8-007	

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			
G20-2	END ROAD WORK	36"	x	18"	4.5	3	13.5
W3-4	BE PREPARED TO STOP	36"	x	36"	9	2	18
W8-11	UNEVEN LANES	36"	x	36"	9	2	18
W8-15	GROOVED PAVEMENT	36"	x	36"	9	2	18
W8-15P	MOTORCYCLE (PLAQUE)	24"	x	18"	3	2	6
*W16-18P	"ON MECCA PIKE" PLAQUE	24"	x	30"	5	3	15
W20-1	ROAD WORK 1 MILE	36"	x	36"	9	3	27
W20-1	ROAD WORK 1/2 MILE	36"	x	36"	9	3	27
W20-1	ROAD WORK 1000 FT	36"	x	36"	9	3	27
W20-4	ONE LANE ROAD AHEAD	36"	x	36"	9	2	18
W20-7	FLAGGER (SYMBOL)	36"	x	36"	9	2	18
W21-2	FRESH OIL	36"	x	36"	9	2	18
						TOTAL	223.5

SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

*TO BE PLACED WITH ADVANCED ROAD WORK SIGNS ON SR-310

STORM DRAIN ADJUSTMENTS (RESURFACING)
THERE ARE NO STORM DRAIN ADJUSTMENTS WITHIN PROJECT LIMITS

BRIDGE DECK RECOMMENDATIONS (RESURFACING)
THERE ARE NO BRIDGES WITHIN PROJECT LIMITS

UTILITY ADJUSTMENTS (RESURFACING)
THERE ARE NO UTILITY ADJUSTMENTS WITHIN PROJECT LIMITS

PROPOSED CURB RAMP (RESURFACING)
THERE ARE NO CURB RAMP ADJUSTMENTS WITHIN PROJECT LIMITS

PROPOSED GUARDRAIL (RESURFACING)
THERE ARE NO GUARDRAIL ADJUSTMENTS WITHIN PROJECT LIMITS

SEALED BY



11/15/24

MCMINN COUNTY
(L.M. 22.52 - L.M. 23.33)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP/HSIP-39(23)	2F1
		54S039-F8-006	
		54S039-F3-006	

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			
G20-2	END ROAD WORK	36"	x	18"	4.5	28	126
W3-4	BE PREPARED TO STOP	36"	x	36"	9	2	18
W8-11	UNEVEN LANES	36"	x	36"	9	10	90
W8-15	GROOVED PAVEMENT	36"	x	36"	9	10	90
W8-15P	MOTORCYCLE (PLAQUE)	24"	x	18"	3	10	30
*W16-15P	"ON WASHINGTON AVE" PLAQUE	24"	x	30"	5	2	10
W20-1	ROAD WORK AHEAD	36"	x	36"	9	26	234
W20-1	ROAD WORK 1 MILE	36"	x	36"	9	3	27
W20-1	ROAD WORK 1/2 MILE	36"	x	36"	9	3	27
W20-1	ROAD WORK 1000 FT	36"	x	36"	9	3	27
W20-4	ONE LANE ROAD	36"	x	36"	9	2	18
W20-7	FLAGGER (SYMBOL)	37"	x	37"	10	2	19
W21-2	FRESH OIL	36"	x	36"	9	2	18
R9-9	SIDEWALK CLOSED	24"	x	12"	2	2	4
R9-10	SIDEWALK CLOSED USE OTHER SIDE	24"	x	12"	2	2	4
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	24"	x	18"	3	2	6
						TOTAL	748

SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

*TO BE PLACED WITH ADVANCED ROAD WORK SIGNS ON SR-30

BRIDGE DECK RECOMMENDATIONS (RESURFACING)

THERE ARE NO BRIDGES WITHIN PROJECT LIMITS

UTILITY ADJUSTMENTS (BY OTHERS)

TYPE	OWNER	NUMBER
SEWER MANHOLE	40 "SEWER" - 5 UNMARKED	45
TELEPHONE MANHOLE	AT&T	1
GAS VALVES	UNMARKED	10
WATER VALVES	UNMARKED	30

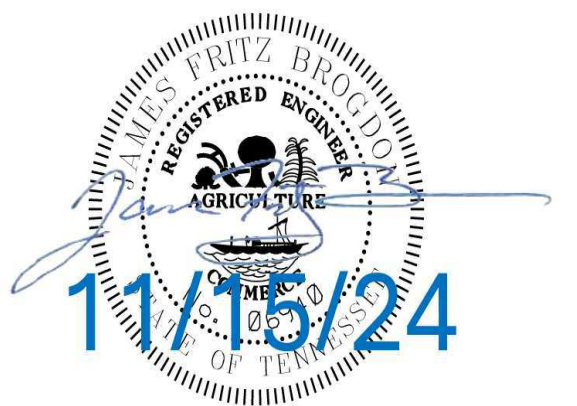
PROPOSED GUARDRAIL (RESURFACING)

THERE ARE NO GUARDRAIL ADJUSTMENTS WITHIN PROJECT LIMITS

STORM DRAIN ADJUSTMENTS (RESURFACING)

CATCH BASINS
20
TOTALS
20

SEALED BY



MCMINN COUNTY
(L.M. 8.12 - L.M. 9.32)


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP/HSP-39(23)	2F2
		54S039-F8-006	
		54S039-F3-006	

CURB RAMP TABULATION													
ROADWAY		LOCATION							SIGNALIZED YES / NO	STANDARD DRAWING NO.	CURB RAMP (RETROFIT) ITEM NO. 701-02.01 S.F.	REMARKS	
MAINLINE	INTERSECTING	STATION or LOG MILE (L.M.)	LEFT	MEDIAN	RIGHT	QUADRANT N. S. E. W.							
W. Madison Ave. - SR039	Cook Dr.	8.155	x			N.			W.	x	MM-CR-8 (A)	94.6	Ped Pole; Use Curb Inlet Protection Type 4 For CB
			x				S.		W.	x	MM-CR-6	637.0	Power Pole, Utility Pole, inground utility box, inground signal box; Use Curb Inlet Protection Type 4 For CB
	Hospital Entrance	8.243	x			N.			W.		MM-CR-8 (A)	78.0	
			x				S.		W.		MM-CR-8 (A)	78.0	
	Fairview Ave.	8.430	x			N.			W.		MM-CR-8 (A)	80.0	Use Curb Inlet Protection Type 4 For CB
			x				S.		W.		MM-CR-8 (A)	64.0	Use Curb Inlet Protection Type 4 For CB
	Walgreen's Entrance	8.484			x	N.		E.			MM-CR-8 (B)	48.0	
					x		S.	E.			MM-CR-8 (B)	48.0	
	Pine St.	8.496	x			N.			W.		MM-CR-8 (A)	30.0	
			x				S.		W.		MM-CR-8 (A)	36.0	Use Curb Inlet Protection Type 4 For CB
	Keith Ln.	8.544	x				S.		W.	x	MM-CR-8 (A)		Done by City of Athens Public Works
					x	N.		E.		x	MM-CR-6		Done by City of Athens Public Works
					x		S.	E.		x	MM-CR-5		Done by City of Athens Public Works
	Henderson St.	8.596	x			N.			W.		MM-CR-8 (B)	40.0	
			x				S.		W.		MM-CR-8 (B)	66.0	
	McMinn Ave.	8.632	x			N.			W.	x	MM-CR-8 (B)		Done by City of Athens Public Works
				x	N.		E.		x	MM-CR-8 (B)		Done by City of Athens Public Works	
Thompson Ave.	8.676	x			N.			W.		MM-CR-5	104.0		
		x				S.		W.		MM-CR-5	100.0	Use Curb Inlet Protection Type 4 For CB	
Ziegler Funeral Home	8.717			x	N.		E.			MM-CR-8 (B)	65.0	Sidewalk in front of business only - no receiving ramps or sidewalk	
E. Madison Ave. 1-way EB SR039	Woodman St.	8.816			x	N.		E.			MM-CR-8 (B)	45.0	Sidewalk in front of business only - no receiving ramps or sidewalk
					x		S.	E.			MM-CR-5	25.0	Build new - stop sign; Use Curb Inlet Protection Type 4 For CB
	Douglas St.	8.872			x	N.		E.			MM-CR-5	35.8	Side Drain;Use Curb Inlet Protection Type 4 For CB
			x			S.	E.			MM-CR-1	6.0	Side Drain;Use Curb Inlet Protection Type 4 For CB, Add Dome Only	
	Kilgore St.	8.934			x	N.		E.			MM-CR-1	6.0	Side Drain; Use Curb Inlet Protection Type 4 For CB, Add Dome Only
			x			S.	E.			MM-CR-8 (B)	48.8	Manhole; Use Curb Inlet Protection Type 4 For CB	
	Hill St.	9.001			x	N.		E.			MM-CR-7	180.0	
			x		x		S.	E.			MM-CR-8(b)	165.0	
	Church St.	9.075			x	N.		E.			MM-CR-8 (B)	55.0	Has crosswalk - no receiving ramp or sidewalk
					x		S.	E.			MM-CR-8 (B)	150.0	
	S. White St.	9.137	x			N.			W.	x	MM-CR-1	6.0	Needs Dome - COA PW did ramp - didn't do dome due to ped access across street
			x				S.		W.	x	MM-CR-6		Done by City of Athens Public Works
					x	N.		E.		x	MM-CR-6		Done by City of Athens Public Works
					x		S.	E.		x	MM-CR-6		Done by City of Athens Public Works
	S Jackson St.	9.177	x			N.			W.	x	MM-CR-6		Done by City of Athens Public Works
			x				S.		W.	x	MM-CR-6		Done by City of Athens Public Works
					x	N.		E.		x	MM-CR-6	135.0	
	Long St.	9.239			x		S.	E.		x	MM-CR-6	99.0	
x						S.		W.		MM-CR-8 (B)	8.0	Power Pole, Water Valve, Fire Hyd, Stop Sign, Building & Support Pole/Beam	
				x		S.	E.			MM-CR-8 (B)	221.0	Use Curb Inlet Protection Type 4 For CB	
Baxter St.	9.291			x		S.	E.			MM-CR-8 (B)	84.0		
				x	N.		E.			MM-CR-8 (B)	35.8		
				x		S.	E.			MM-CR-1	6.0	Add Dome Only	
Washington Ave. 1-way WB SR039	Baxter St.	9.291	x			N.		E.			MM-CR-8 (B)	108.0	
			x				S.	E.			MM-CR-8 (A)	80.0	
	Long St.	9.239	x				S.	E.			MM-CR-8 (B)	56.0	Use Curb Inlet Protection Type 4 For CB
			x			N.		E.			MM-CR-8 (B)	63.0	Use Curb Inlet Protection Type 4 For CB
					x		S.		W.		MM-CR-8 (A)	112.0	Side Drain
					x	N.			W.		MM-CR-8 (A)	39.2	Side Drain, Inground Electrical Box
	N. Jackson St.	9.177	x				S.	E.			MM-CR-6		Done by City of Athens Public Works
			x			N.		E.			MM-CR-6		Done by City of Athens Public Works
					x		S.		W.		MM-CR-6	396.0	
					x	N.			W.		MM-CR-6	360.0	
	N. White St.	9.137	x				S.	E.			MM-CR-6		Done by City of Athens Public Works
			x			N.		E.			MM-CR-6	6.0	Done by City of Athens Public Works - Add Dome Only
					x	N.			W.		MM-CR-6	47.4	
					x		S.		W.		MM-CR-6		Done by City of Athens Public Works
	Church St.	9.075	x			N.		E.			MM-CR-1	6.0	Use Curb Inlet Protection Type 4 For CB, Add Dome Only
			x				S.	E.			MM-CR-8 (A)	44.0	Use Curb Inlet Protection Type 4 For CB
					x	N.			W.		MM-CR-8 (A)	41.5	Use Curb Inlet Protection Type 4 For CB
					x		S.		W.		MM-CR-8 (A)	99.0	Use Curb Inlet Protection Type 4 For CB
	Hill St.	9.001					S.		W.		MM-CR-8 (B)	71.5	No receiving end from NE corner - crosswalk lands in driveway/entrance; Use Curb Inlet Protection Type 4 For CB
						N.			W.		MM-CR-8 (B)	61.8	No receiving end on NW corner - crosswalk lands in driveway/entrance; Use Curb Inlet Protection Type 4 For CB
					N.		E.			MM-CR-8 (A)	40.0		
Kilgore St.	8.934					S.		W.		MM-CR-8 (B)	99.0	Use Curb Inlet Protection Type 4 For CB	
					N.			W.		MM-CR-8 (A)	49.5	Use Curb Inlet Protection Type 4 For CB	
Hanel St.	8.800					S.		W.		MM-CR-8 (B)	25.0	Use Curb Inlet Protection Type 4 For CB	
					N.			W.		MM-CR-8 (B)	44.0	Use Curb Inlet Protection Type 4 For CB	
E. Madison Ave	SR030	9.230				N.		E.		x	MM-CR-7		7/10/24 Ben Burchfield - ADA ramps to be retrofitted by City of Athens Public Works
						N.			W.	x	MM-CR-8 (B)		7/10/24 Ben Burchfield - ADA ramps to be retrofitted by City of Athens Public Works
Washington Ave.	SR030	9.230				N.		E.		x	MM-CR-7		7/10/24 Ben Burchfield - ADA ramps to be retrofitted by City of Athens Public Works
						N.			W.	x	MM-CR-5		7/10/24 Ben Burchfield - ADA ramps to be retrofitted by City of Athens Public Works

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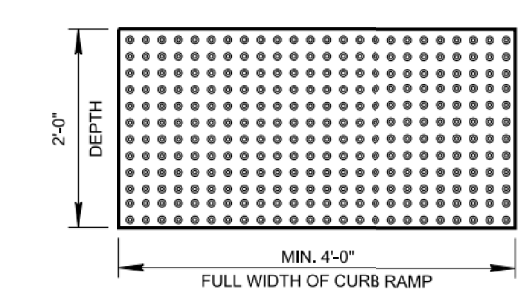
MCMINN COUNTY

(L.M. 8.12 - L.M. 9.32)

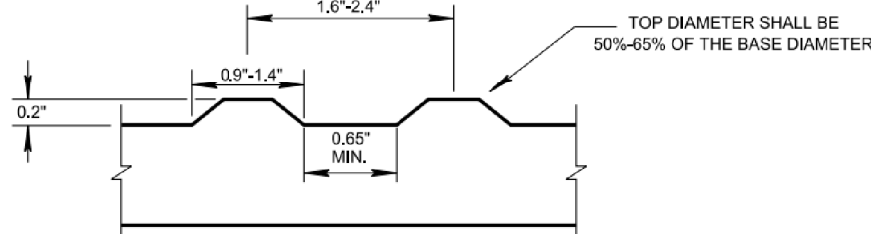
STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

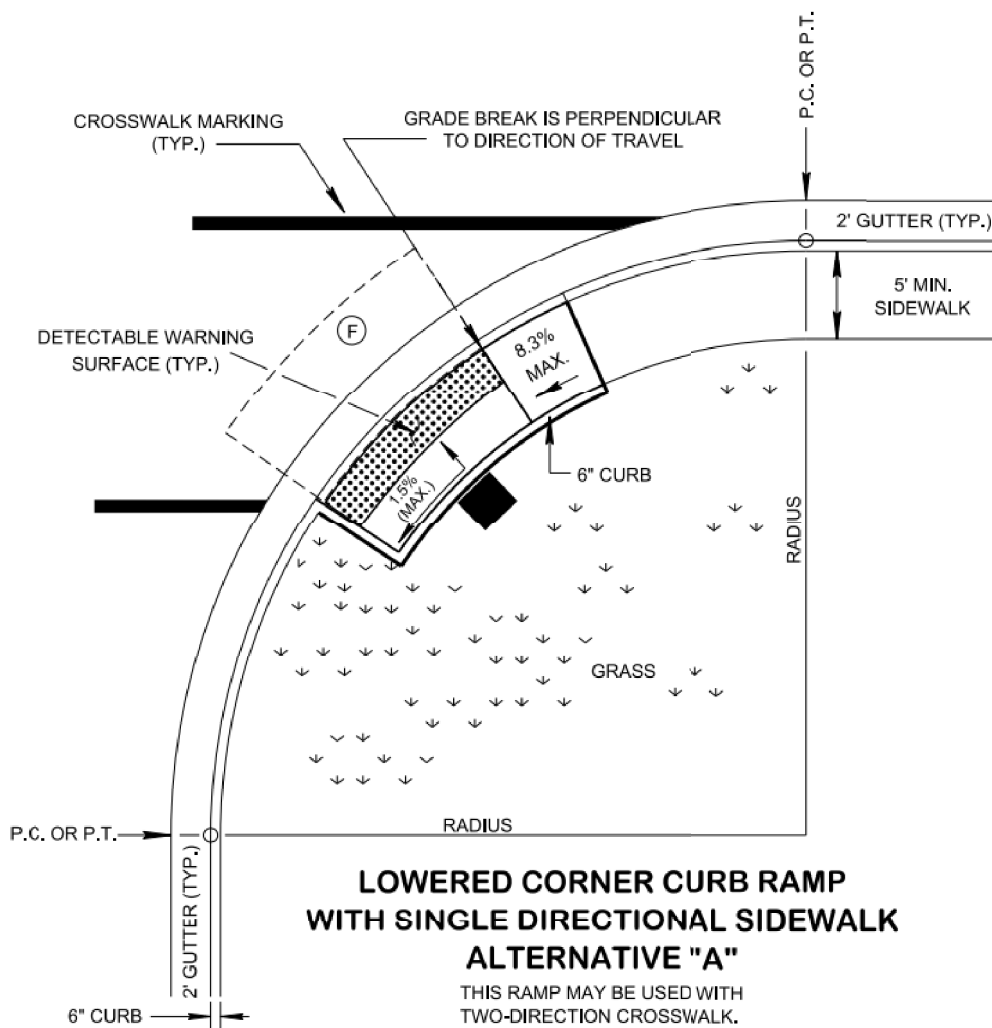


DETECTABLE WARNING SURFACE DETAIL

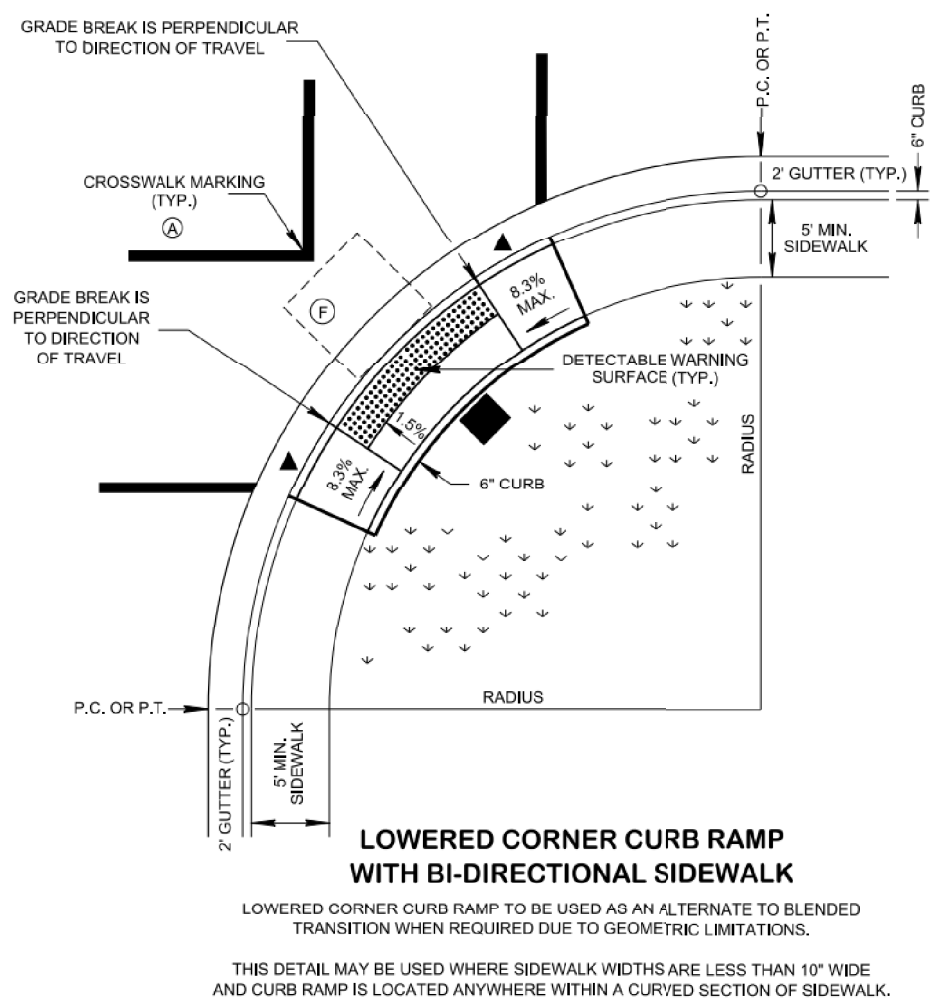


DETECTABLE WARNING SURFACE
ELEVATION VIEW (TYP.)

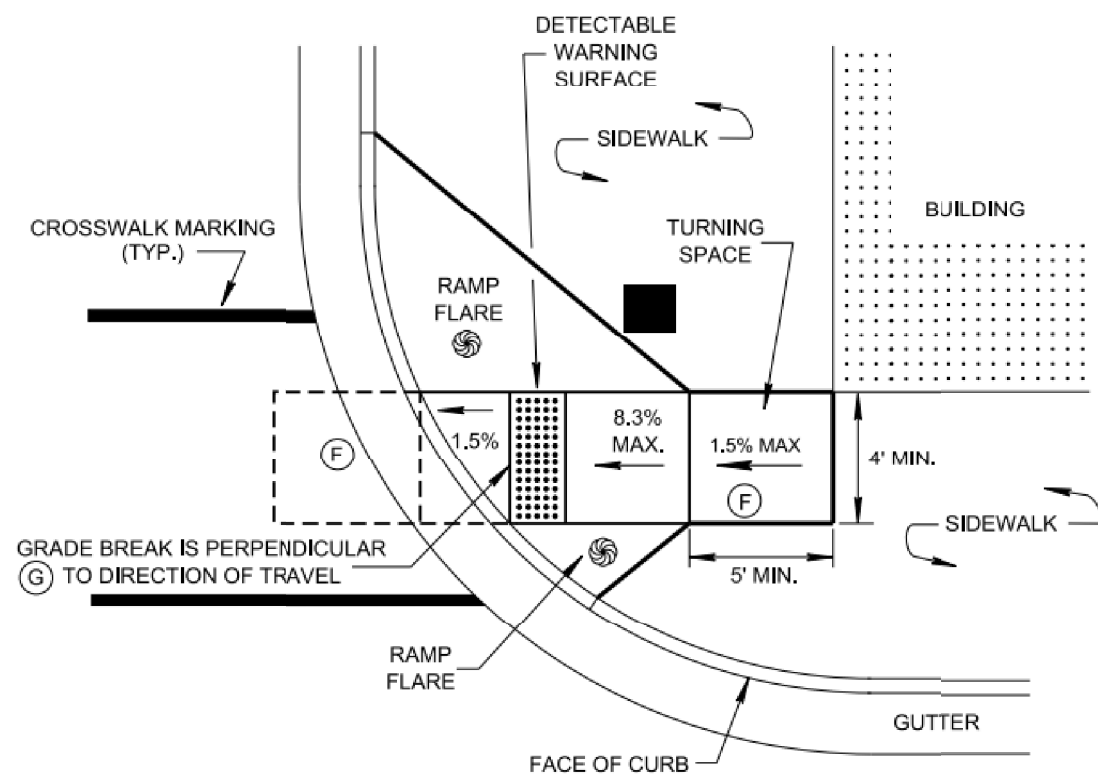
TRUNCATED DOME DETAILS
(STD. DWG. MM-CR-1)
DETAIL #1



PARALLEL CURB RAMP IN CURVE
(STD. DWG. MM-CR-5)
DETAIL #4

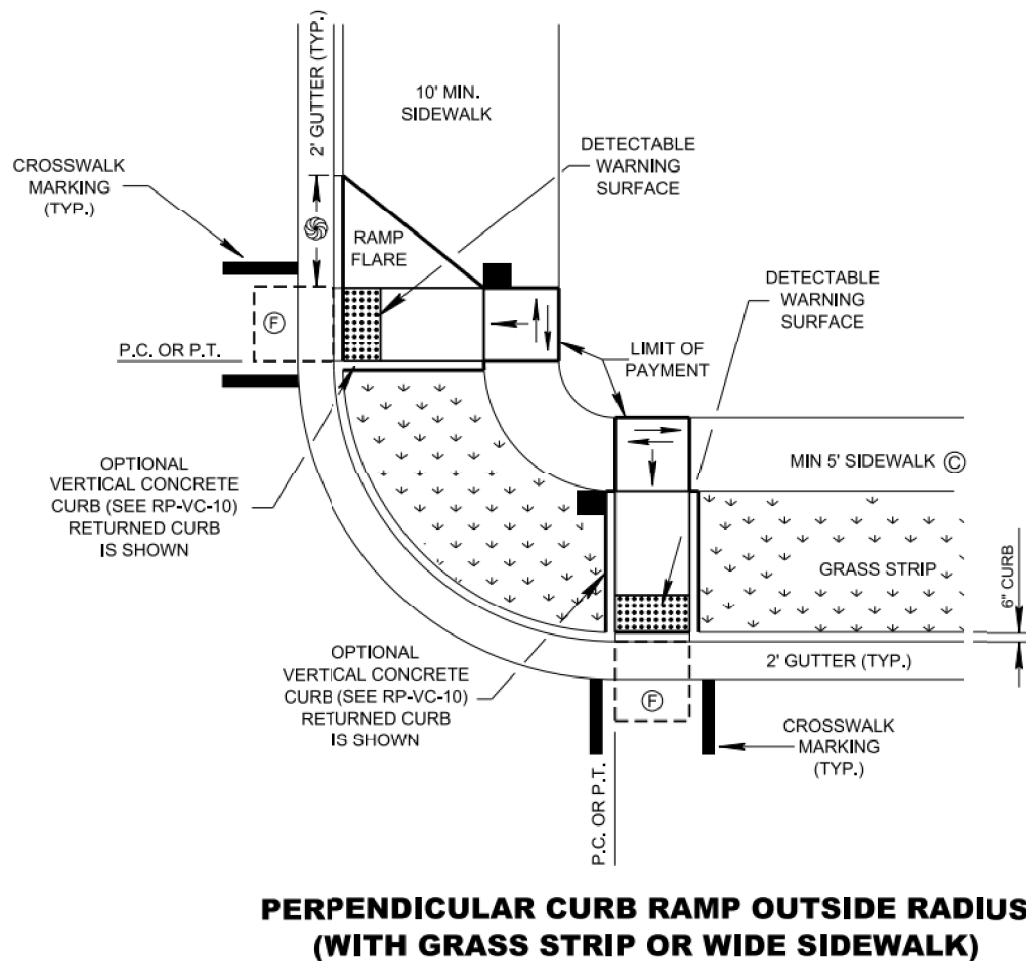


PARALLEL CURB RAMP IN CURVE
(STD. DWG. MM-CR-7)
DETAIL #7

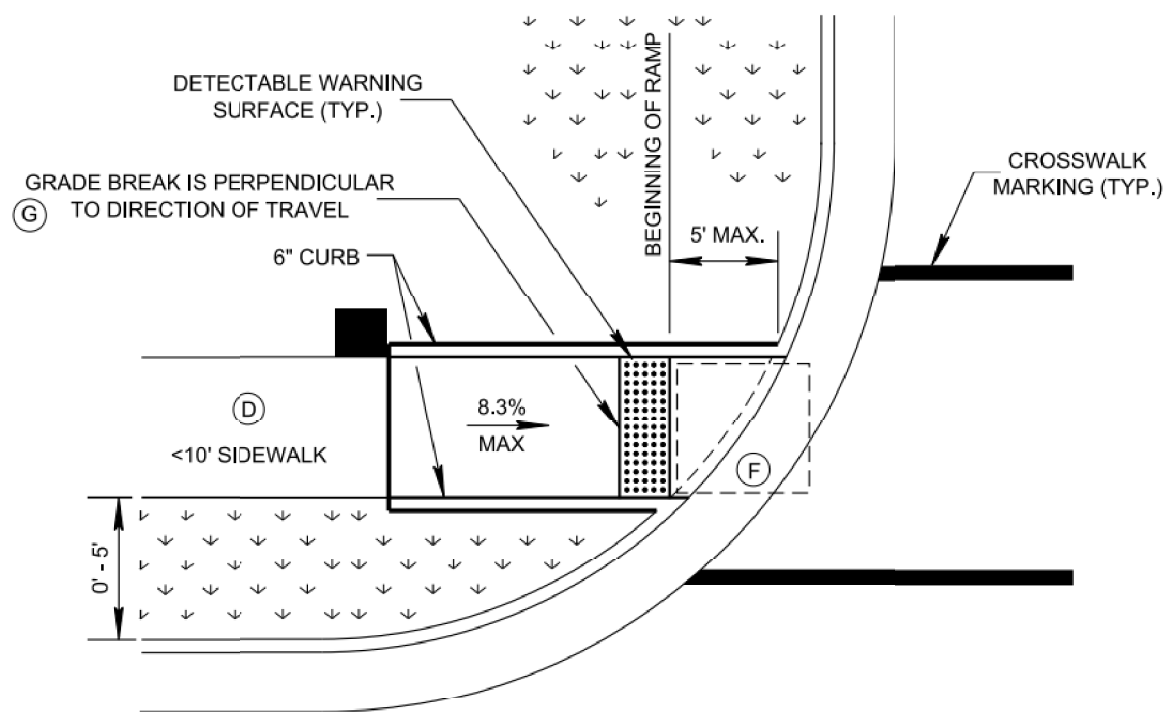


BI-DIRECTIONAL SIDEWALK
PREFERRED

PERPENDICULAR CURB RAMP FOR SINGLE CROSSING
(STD. DWG. MM-CR-5)
DETAIL #2

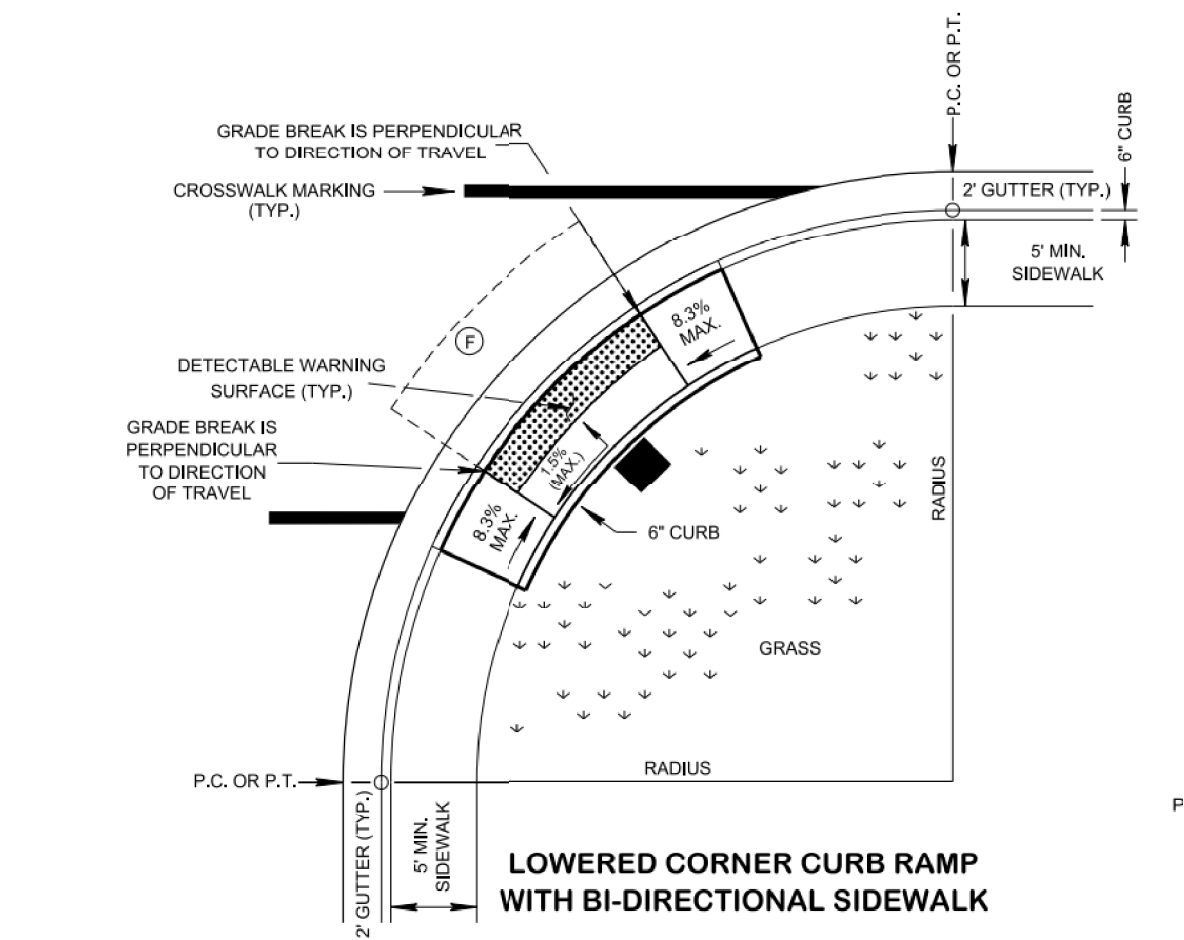


BI-DIRECTIONAL PERPENDICULAR CURB RAMP
(STD. DWG. MM-CR-6)
DETAIL #5

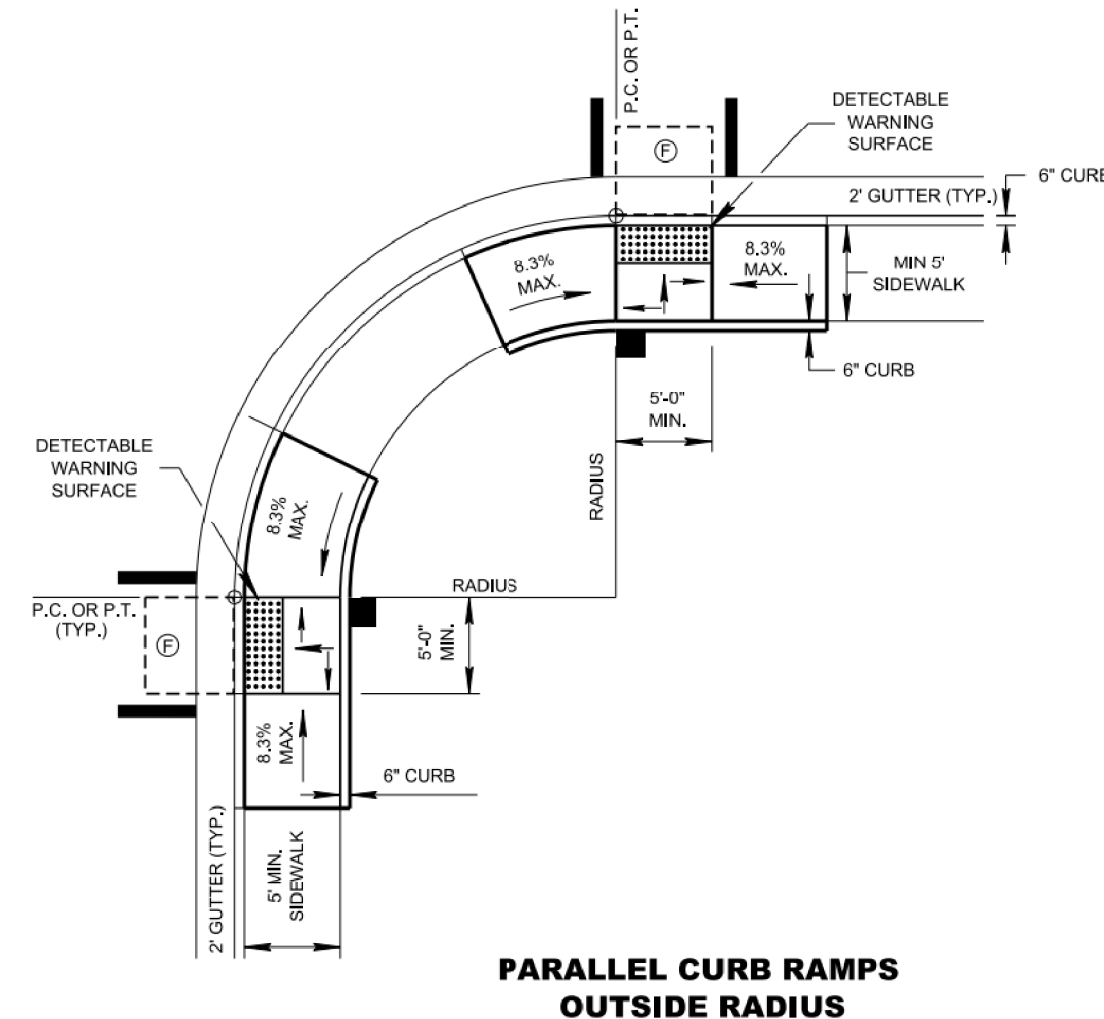


DETAIL A
MONO-DIRECTIONAL PERPENDICULAR CURB RAMP
WITH GRASS STRIP

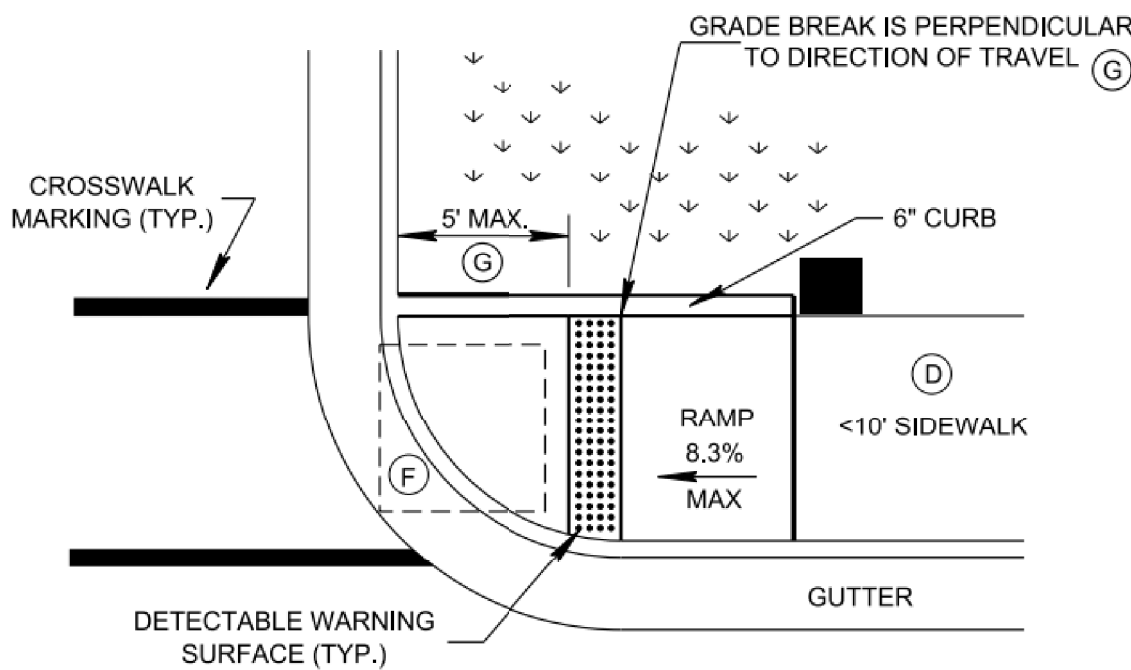
MONO-DIRECTIONAL PERPENDICULAR CURB RAMP WITH GRASS STRIP
(STD. DWG. MM-CR-8 DETAIL A)
DETAIL #8



PARALLEL CURB RAMP FOR SINGLE CROSSING
(STD. DWG. MM-CR-5)
DETAIL #3



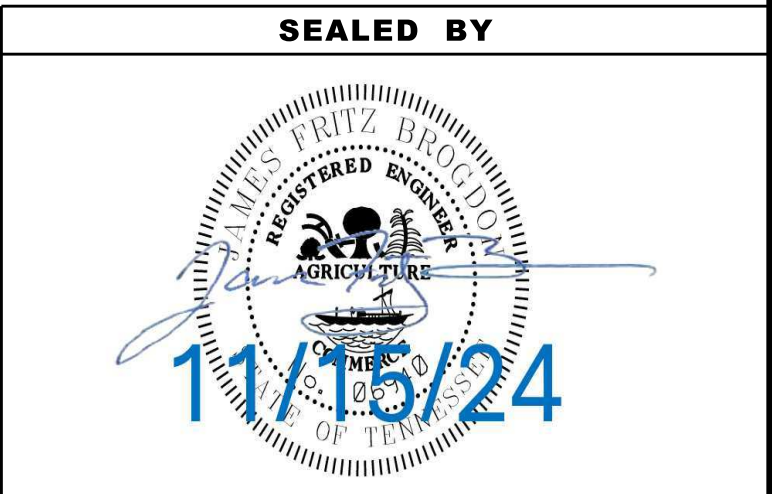
PARALLEL CURB RAMP IN CURVE
(STD. DWG. MM-CR-6)
DETAIL #6



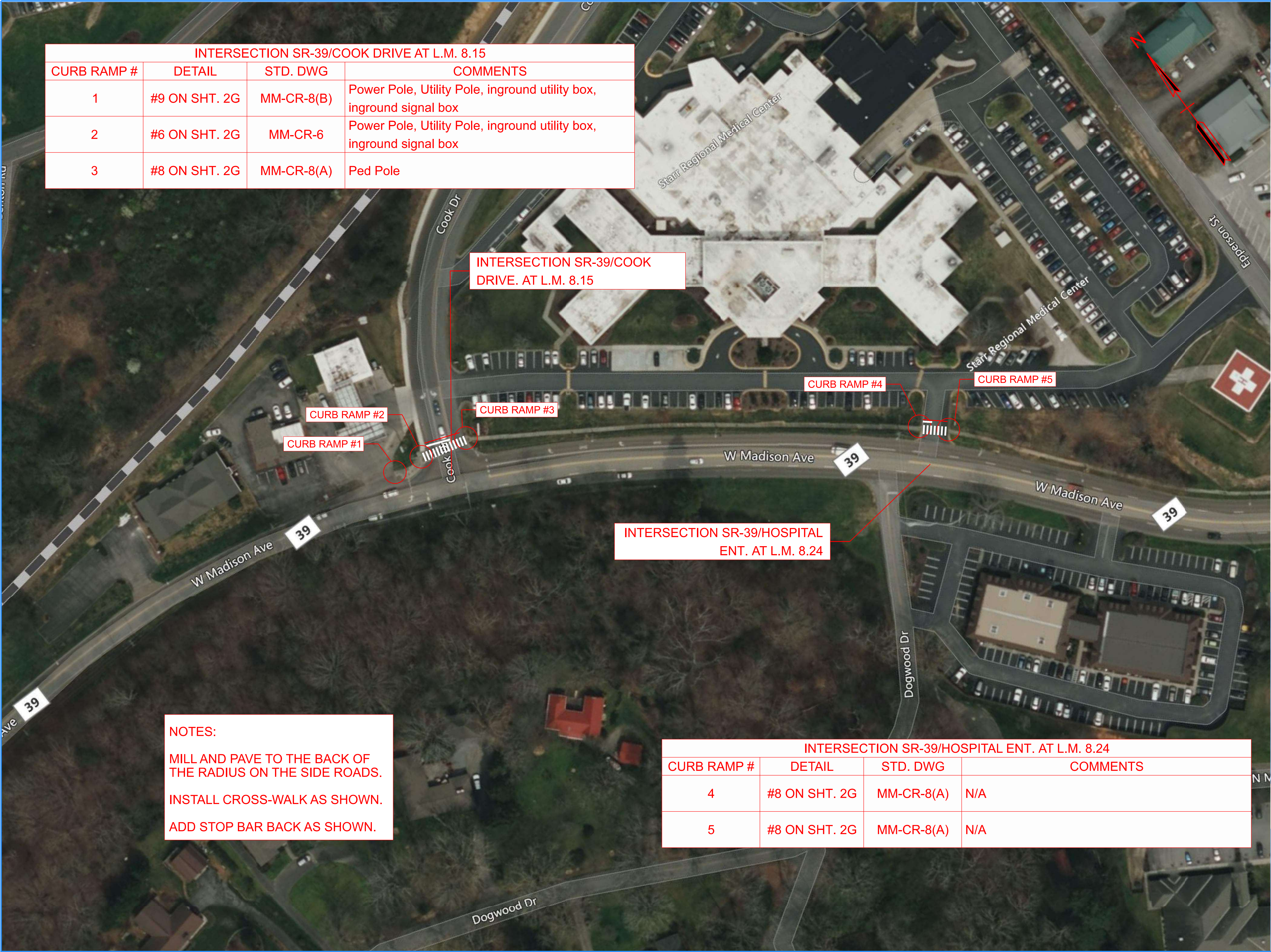
DETAIL B
MONO-DIRECTIONAL PERPENDICULAR CURB RAMP
WITHOUT GRASS STRIP

MONO-DIRECTIONAL PERPENDICULAR CURB RAMP
(STD. DWG. MM-CR-8 DETAIL B)
DETAIL #9

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2G
		54S039-F8-007	
		STP/HSP-39(23)	
		54S039-F3-006	
		54S039-F8-006	



STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
MCMINN SR-39 CURB RAMP DETAILS SCALE: 1" = 50'



INTERSECTION SR-39/COOK DRIVE AT L.M. 8.15			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
1	#9 ON SHT. 2G	MM-CR-8(B)	Power Pole, Utility Pole, inground utility box, inground signal box
2	#6 ON SHT. 2G	MM-CR-6	Power Pole, Utility Pole, inground utility box, inground signal box
3	#8 ON SHT. 2G	MM-CR-8(A)	Ped Pole

INTERSECTION SR-39/COOK DRIVE. AT L.M. 8.15

CURB RAMP #4

CURB RAMP #5

CURB RAMP #2

CURB RAMP #3

CURB RAMP #1

INTERSECTION SR-39/HOSPITAL ENT. AT L.M. 8.24

INTERSECTION SR-39/HOSPITAL ENT. AT L.M. 8.24			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
4	#8 ON SHT. 2G	MM-CR-8(A)	N/A
5	#8 ON SHT. 2G	MM-CR-8(A)	N/A

NOTES:
MILL AND PAVE TO THE BACK OF THE RADIUS ON THE SIDE ROADS.
INSTALL CROSS-WALK AS SHOWN.
ADD STOP BAR BACK AS SHOWN.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2G1
		54S039-F8-007	
		STP/HSP-39(23)	
		54S039-F3-006	
		54S039-F8-006	

SEE SHEETS 2F, 2F1, AND 2F2 FOR TABULATED QUANTITIES

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MCMINN SR-39
CURB RAMP
DETAILS

SCALE: 1" = 50'

INTERSECTION SR-39/PINE ST. AT L.M. 8.49			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
10	#8 ON SHT. 2G	MM-CR-8(A)	N/A
11	#8 ON SHT. 2G	MM-CR-8(A)	N/A

INTERSECTION SR-39/FAIRVIEW AVE. AT L.M. 8.43			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
6	#8 ON SHT. 2G	MM-CR-8(A)	N/A
7	#8 ON SHT. 2G	MM-CR-8(A)	N/A

INTERSECTION SR-39/HENDERSON ST. AT L.M. 8.59			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
12	#9 ON SHT. 2G	MM-CR-8(B)	N/A
13	#9 ON SHT. 2G	MM-CR-8(B)	N/A



INTERSECTION SR-39/BUS ENT. AT L.M. 8.48			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
8	#9 ON SHT. 2G	MM-CR-8(B)	N/A
9	#9 ON SHT. 2G	MM-CR-8(B)	N/A

NOTES:

MILL AND PAVE TO THE BACK OF THE RADIUS ON THE SIDE ROADS.

INSTALL CROSS-WALK AS SHOWN.

ADD STOP BAR BACK AS SHOWN.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2G2
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F3-006	
		54S039-F8-006	

SEE SHEETS
2F, 2F1, AND 2F2
FOR TABULATED
QUANTITIES

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DEPARTMENT OF TRANSPORTATION

MCMINN SR-39
CURB RAMP
DETAILS

SCALE: 1" = 50'

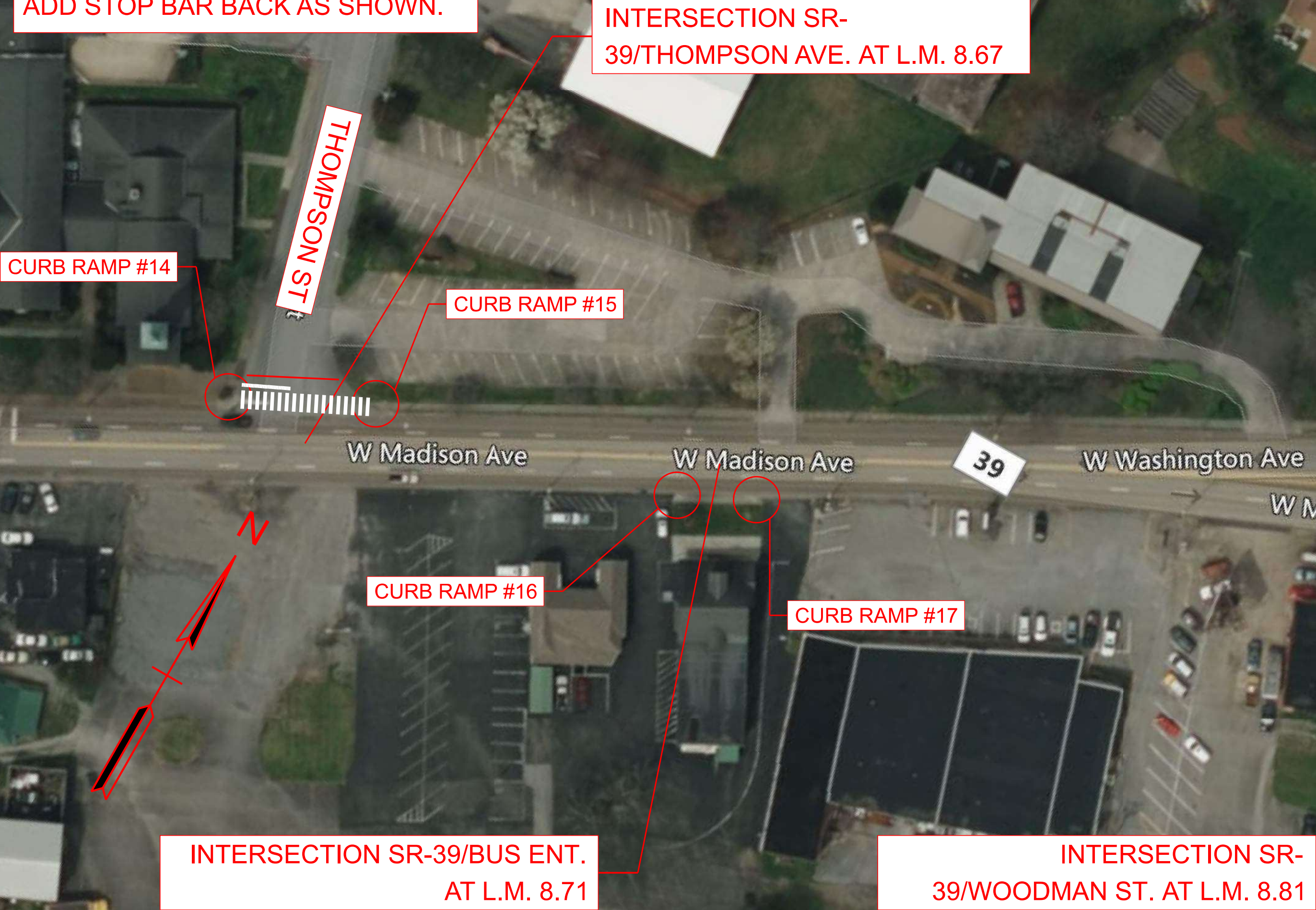
INTERSECTION SR-39/THOMPSON AVE. AT L.M. 8.67			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
14	#3 ON SHT. 2G	MM-CR-5	N/A
15	#9 ON SHT. 2G	MM-CR-8(B)	N/A

NOTES:

MILL AND PAVE TO THE BACK OF THE RADIUS ON THE SIDE ROADS.

INSTALL CROSS-WALK AS SHOWN.

ADD STOP BAR BACK AS SHOWN.



INTERSECTION SR-39/BUS ENT. AT L.M. 8.71			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
16	#9 ON SHT. 2G	MM-CR-8(B)	Sidewalk in front of business only - no receiving ramps or sidewalk
17	#9 ON SHT. 2G	MM-CR-8(B)	Sidewalk in front of business only - no receiving ramps or sidewalk

INTERSECTION SR-39/HANEL ST. AT L.M. 8.80			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
21	#9 ON SHT. 2G	MM-CR-8(B)	N/A
22	#9 ON SHT. 2G	MM-CR-8(B)	N/A



INTERSECTION SR-39/WOODMAN ST. AT L.M. 8.81			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
18	#2 ON SHT. 2G	MM-CR-5	Build new - stop sign

INTERSECTION SR-39/DOUGLAS ST. AT L.M. 8.87			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
19	#1 ON SHT. 2G	MM-CR-1	Side Drain, Add Dome Only
20	#2 ON SHT. 2G	MM-CR-5	Side Drain

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP-39(22)	2G3
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F3-006	
		54S039-F8-006	

SEE SHEETS
2F, 2F1, AND 2F2
FOR TABULATED
QUANTITIES

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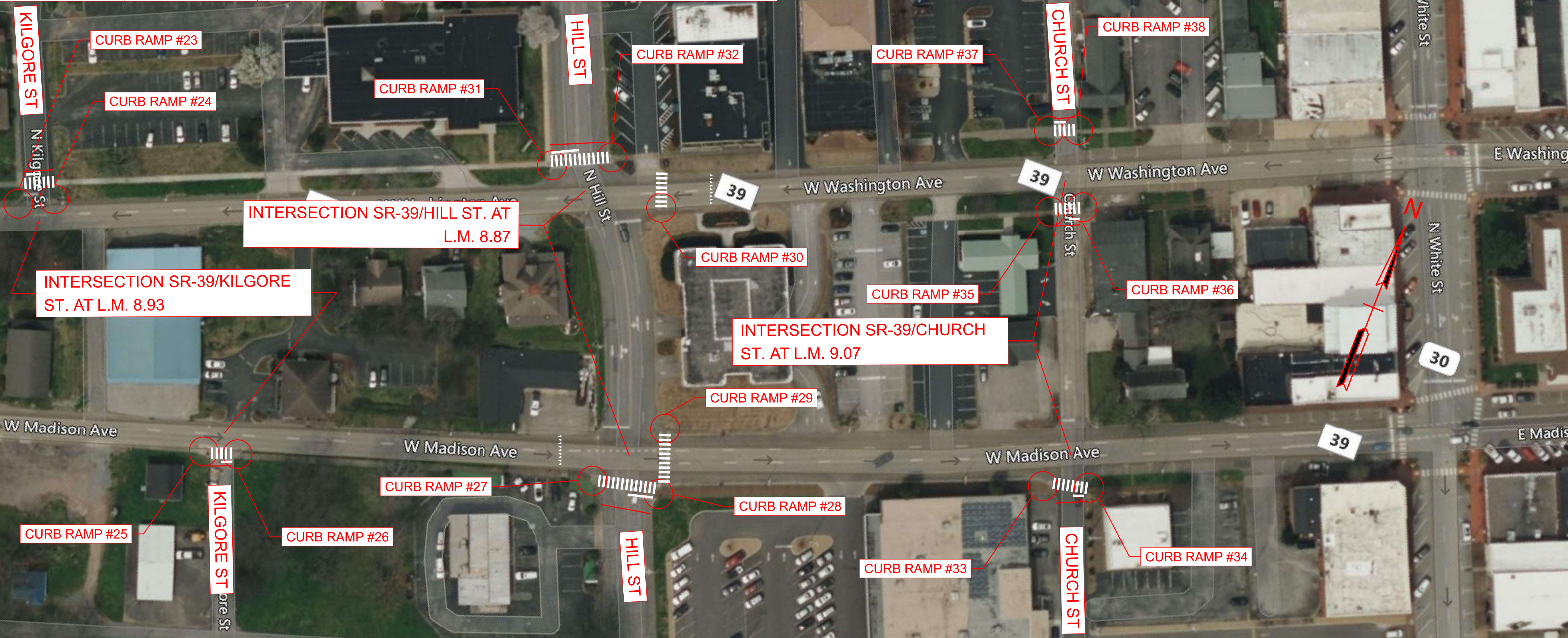
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MCMINN SR-39
CURB RAMP
DETAILS

SCALE: 1" = 50'

INTERSECTION SR-39/HILL ST. AT L.M. 8.87			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
27	#7 ON SHT. 2G	MM-CR-7	N/A
28	#9 ON SHT. 2G	MM-CR-8(B)	N/A
29	#9 ON SHT. 2G	MM-CR-8(B)	Has crosswalk - no receiving ramp or sidewalk
30	#9 ON SHT. 2G	MM-CR-8(B)	No receiving end from NE corner - crosswalk lands in driveway/entrance
31	#9 ON SHT. 2G	MM-CR-8(B)	N/A
32	#8 ON SHT. 2G	MM-CR-8(A)	No receiving end on NW corner - crosswalk lands in driveway/entrance

INTERSECTION SR-39/CHURCH ST. AT L.M. 8.15			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
33	#9 ON SHT. 2G	MM-CR-8(B)	N/A
34	#9 ON SHT. 2G	MM-CR-8(B)	N/A
35	#8 ON SHT. 2G	MM-CR-8(A)	N/A
36	#1 ON SHT. 2G	MM-CR-1	Add Dome Only
37	#8 ON SHT. 2G	MM-CR-8(A)	N/A
38	#8 ON SHT. 2G	MM-CR-8(A)	N/A



INTERSECTION SR-39/KILGORE ST. AT L.M. 8.93			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
23	#9 ON SHT. 2G	MM-CR-8(B)	N/A
24	#8 ON SHT. 2G	MM-CR-8(A)	N/A
25	#1 ON SHT. 2G	MM-CR-1	Side Drain, Add Dome Only
26	#9 ON SHT. 2G	MM-CR-8(B)	Manhole

NOTES:

MILL AND PAVE TO THE BACK OF THE RADIUS ON THE SIDE ROADS.

INSTALL CROSS-WALK AS SHOWN.

ADD STOP BAR BACK AS SHOWN.

INSTALL YIELD LINES AS SHOWN.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2G4
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F3-006	
		54S039-F8-006	

SEE SHEETS
2F, 2F1, AND 2F2
FOR TABULATED
QUANTITIES

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MCMINN SR-39
CURB RAMP
DETAILS

SCALE: 1" = 50'

INTERSECTION SR-39/JACKSON ST. AT L.M. 9.18			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
42	#5 ON SHT. 2G	MM-CR-6	N/A
43	#5 ON SHT. 2G	MM-CR-6	N/A
44	#5 ON SHT. 2G	MM-CR-6	N/A
45	#5 ON SHT. 2G	MM-CR-6	N/A

INTERSECTION SR-39/LONG ST. AT L.M. 9.24			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
46	#9 ON SHT. 2G	MM-CR-8(B)	Power Pole, Water Valve, Fire Hyd, Stop Sign, Building & Support Pole/Beam
47	#9 ON SHT. 2G	MM-CR-8(B)	N/A
48	#9 ON SHT. 2G	MM-CR-8(B)	N/A
49	#9 ON SHT. 2G	MM-CR-8(B)	N/A
50	#9 ON SHT. 2G	MM-CR-8(B)	N/A
51	#8 ON SHT. 2G	MM-CR-8(A)	Side Drain, Inground Electrical Box
52	#8 ON SHT. 2G	MM-CR-8(A)	Side Drain



NOTES:

MILL AND PAVE TO THE BACK OF THE RADIUS ON THE SIDE ROADS.

INSTALL CROSS-WALK AS SHOWN.

ADD STOP BAR BACK AS SHOWN.

INTERSECTION SR-39/WHITE ST. AT L.M. 9.14			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
39	#1 ON SHT. 2G	MM-CR-1	Needs Dome - COA PW did ramp - didn't do dome due to ped access across street
40	#1 ON SHT. 2G	MM-CR-1	Done by City of Athens Public Works - Add Dome Only
41	#5 ON SHT. 2G	MM-CR-6	N/A

INTERSECTION SR-39/BAXTER ST. AT L.M. 9.30			
CURB RAMP #	DETAIL	STD. DWG	COMMENTS
53	#9 ON SHT. 2G	MM-CR-8(B)	N/A
54	#1 ON SHT. 2G	MM-CR-1	Add Dome Only
55	#8 ON SHT. 2G	MM-CR-8(A)	N/A
56	#9 ON SHT. 2G	MM-CR-8(B)	N/A

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2G5
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F3-006	
		54S039-F8-006	

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FOR TABULATED
QUANTITIES

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MCMINN SR-39
CURB RAMP
DETAILS

SCALE: 1" = 50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	2H
		54S039-F8-007	
		STP/HSP-39(23)	
		54S039-F8-006	
		54S039-F3-006	

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COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18M.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
MARKING
DETAIL

SCALE: 1" = 50'

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1.

DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:
- a.

WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. 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.
2.

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

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

(1)

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

(2)

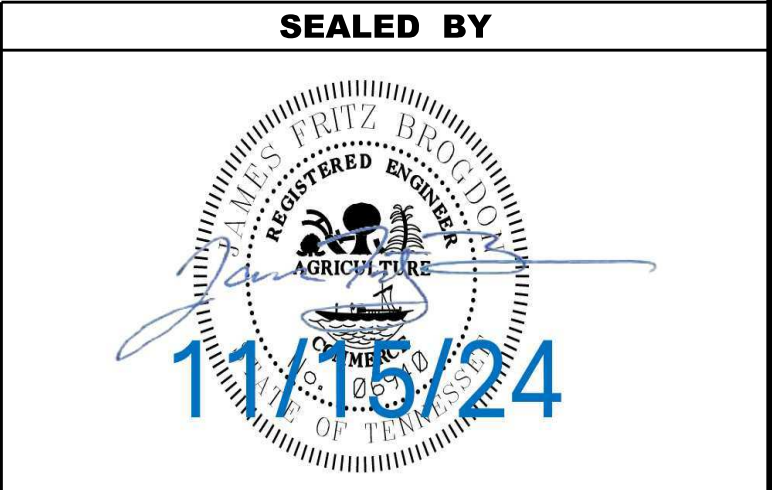
WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
- b.

IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a. PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
- c.

WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE REGIONAL TRAFFIC ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	STP-39(22)	T1
		54S039-F8-007	
		STP/HSIP-39(23)	
		54S039-F8-006	
		54S039-F3-006	



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE
DROP-OFF NOTES
FOR
TRAFFIC CONTROL