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Date: 2025.12.18 08:45:51-05'00'

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ARCADIS U.S. INC.
1210 PREMIER DRIVE, SUITE 200
CHATTANOOGA, TN 37421

ANDREW PARR, P.E. NO. 121197

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND STANDARD TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B
TYPICAL SECTIONS	2B1
GENERAL NOTES	2C
SPECIAL NOTES	2D, 2D1
ENVIRONMENTAL NOTES	2E
EROSION PREVENTION AND SEDIMENT CONTROL NOTES	2E1
TABULATED QUANTITIES	2F
UTILITY NOTES AND UTILITY OWNERS	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL	T1

YEAR	PROJECT NO.	SHEET NO.
2026	STP-NH/HSIP-1(481)	ROADWAY-SIGN1

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE
SHEET**

Index Of Sheets
SEE SHEET NO. 1A

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

KNOX COUNTY

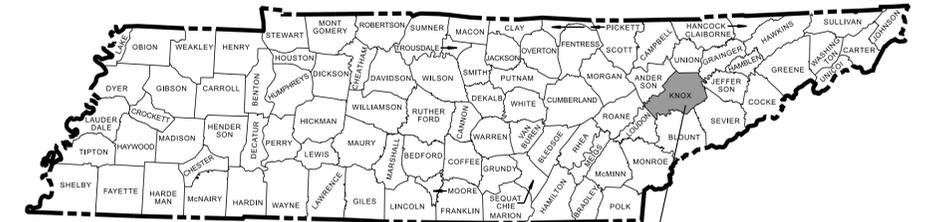
SR-1 (US-11W):
FROM NEAR HISTORIC PRESERVATION DRIVE
TO SR-168

RESURFACE & SAFETY Mill & 411D AND PAVEMENT MARKINGS

STATE HIGHWAY NO. 1 F.A.H.S. NO. US-11W

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

TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	STP-NH/HSIP-1(481)	
STATE PROJ. NO.	47S001-F8-006; 47S001-F3-006;	

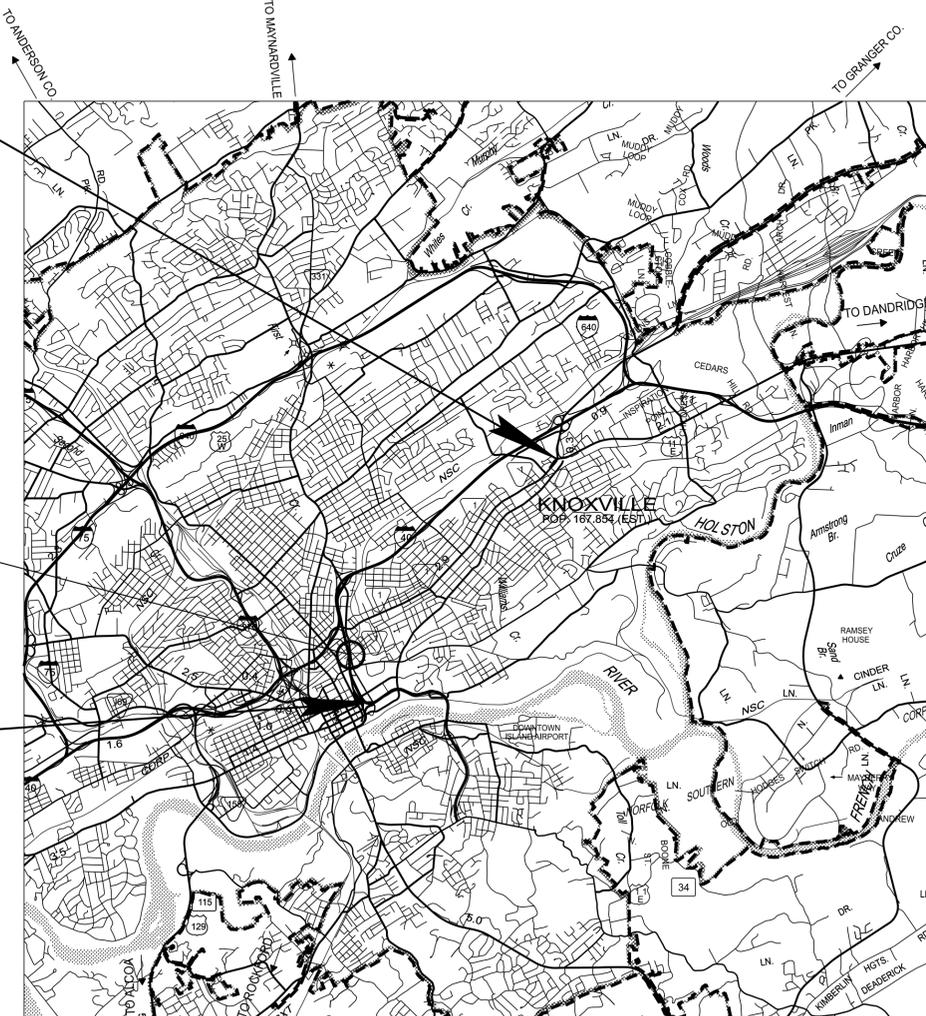


KNOX COUNTY SR-1
BRIDGE ID. # 47056660001, 47SR0010031, 47SR0010033

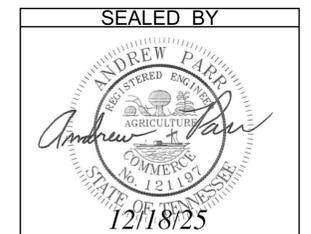
47S001-F8-006
47S001-F3-006
END PROJECT NO. STP-NH/HSIP-1(481) RESURFACE & SAFETY
LM 24.21

NORFOLK SOUTHERN CORP. (INC)
R/R UNDER PASS CROSSING #730594R
LAT 35.972810, LONG -83.916213
MP 130.40-A BRIDGE ID. # 47056660001,
L.M. 21.09

47S001-F8-006
47S001-F3-006
BEGIN PROJECT NO. STP-NH/HSIP-1(481) RESURFACE & SAFETY
LM 20.41



EXCLUSIONS	
L.M. TO L.M.	LENGTH (FT.)
21.96 - 22.20	1267.20
TOTAL =	1267.20



APPROVED: *Shane Hester*
SHANE HESTER, P.E. CHIEF ENGINEER

DATE: _____

APPROVED: *Will Reid*
WILL REID, P.E. COMMISSIONER

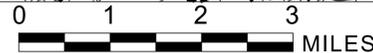
SPECIAL NOTES

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 : ERIC WILSON, P.E.
DESIGN FIRM : ARCADIS US, INC.
DESIGNER : ADAM GRAVITT CHECKED BY JOHN REHM, P.E.
P.E. NO. 98013-4203-04 (DESIGN)
PIN NO. 130414.00

SCALE: 1"= 5280'



PROJECT LENGTH 3.80 MILES
TOTAL LANE MILES RESURFACED 16.91 MILES

TRAFFIC COUNTER & WEATHER STATIONS	
STATION LOCATION	L.M. 22.35
STATION LOCATION	L.M. 23.86

TRAFFIC DATA	
ADT (2026)	12840
POSTED SPEED	
L.M. 20.41 - L.M. 20.86	35 MPH
L.M. 20.86 - L.M. 21.28	45 MPH
L.M. 21.28 - L.M. 22.06	35 MPH
L.M. 22.06 - L.M. 24.21	45 MPH

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
TITLE SHEET	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND STANDARD TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B
TYPICAL SECTIONS	2B1
GENERAL NOTES	2C
SPECIAL NOTES	2D, 2D1
ENVIRONMENTAL NOTES	2E
EROSION PREVENTION AND SEDIMENT CONTROL NOTES	2E1
TABULATED QUANTITIES	2F
UTILITY NOTES AND UTILITY OWNERS	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL	T1
*SR 1 AT HALL OF FAME DRIVE INTERSECTION REFERENCE DRAWING	R1
**CURB RAMP REFERENCE SHEETS	33-46

NO UTILITY SHEETS ARE INCLUDED IN THIS SET OF PLANS

*REFERENCE SHEETS PROVIDED BY OTHERS.

**REFERENCE SHEETS ARE FROM CURB CONTRACT, PIN 129559.01 PROVIDED BY OTHERS.

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

STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
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
ROADWAY DESIGN STANDARDS		
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-SE-3		SUPERELEVATION TRANSITION DETAILS FOR DIVIDED ROADWAYS
RD11-SE-3A		SUPERELEVATION TRANSITION SECTIONS FOR DIVIDED ROADWAYS
RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS

STANDARD TRAFFIC DESIGN DRAWINGS

DWG.	REV.	DESCRIPTION
SIGNALS		
T-SG-3A	06-27-16	ALTERNATE DETECTION DETAILS
T-SG-5	06-27-16	CONTROLLER CABINET DETAILS
DESIGN - TRAFFIC CONTROL		
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-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-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-16	03-26-25	LANE SHIFT FOR DIVIDED HIGHWAYS AND FREEWAYS
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	1A

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX,
STANDARD ROADWAY
DRAWINGS, AND
STANDARD TRAFFIC
DESIGN DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	2

ESTIMATED ROADWAY QUANTITIES						
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	QUANTITY	QUANTITY	TOTAL QUANTITY
			47S001-F8-006	47S001-F3-006	NON-PARTICIPATING	
(1)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	10			10
	403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	58			58
(2)	411-02.10 ACS MIX(PG70-22) GRADING D	TON	8014			8014
(3)(4)(5)(6)	411-33.34 STAMPED ASPHALT PATTERN	S.F.			5600	5600
(7)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	7942			7942
	712-01 TRAFFIC CONTROL	LS	1			1
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	175			175
	712-05.01 WARNING LIGHTS (TYPE A)	EACH	88			88
(8)	712-06 SIGNS (CONSTRUCTION)	S.F.	1513			1513
	712-08.03 ARROW BOARD (TYPE C)	EACH	2			2
(4)(9)(10)	716-02.03 PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.			705	705
(9)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		103		103
(9)	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		28		28
(9)(10)	716-02.09 PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		4895		4895
(9)	716-02.11 PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	L.F.		32061		32061
(9)	716-03.05 PLASTIC WORD PAVEMENT MARKING (BIKE LANE)	EACH		11		11
(9)	716-04.05 PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH		2		2
(9)	716-04.12 PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.		2		2
(9)	716-04.13 PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	EACH		26		26
(4)(11)	716-04.21 GREEN TEXTURED BIKE LANE	S.Y.			173	173
(12)	716-05.20 PAINTED PAVEMENT MARKING (6" LINE)	L.M.	18			18
(13)	716-13.02 SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	22			22
(4)(14)(15)	717-01 MOBILIZATION	LS	1			1
	730-13.02 VEHICLE DETECTOR (VIDEO)	EACH			2	2
	730-14.02 SAW SLOT	L.F.	28000			28000
	730-14.03 LOOP WIRE	L.F.	56000			56000

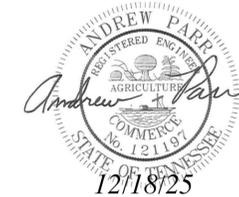
FOOTNOTES

- (1) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET NO. 2C, FINAL PAVEMENT MARKING NOTE (6) FOR MORE INFORMATION.
- (2) INCLUDES 192 TONS FOR TURN LANES, AND 390 TONS FOR COUNTY ROADS AND CITY ROADS.
- (3) TO BE USED IN CONJUNCTION WITH TRANSVERSE CROSS-WALK MARKINGS. SPECIAL PAVERS ARE TO BE DESIGNED TO MEET PAVEMENT DESIGN SCHEDULE AND DESIGN LOADING. ON STATE ROUTES, DETAILS SHALL BE REVIEWED AND APPROVED BY THE DEPARTMENT.
- (4) TO BE PAID FOR BY KNOX COUNTY.
- (5) THE ARCHITECTURAL PAVEMENT MATERIALS SHALL PROVIDE A SMOOTH, WITHOUT JOINT, WALKABLE/RIDEABLE, STABLE, FIRM AND SLIP-RESISTANT SURFACE PER ADA STANDARDS.
- (6) FOR STAMPED CROSSWALKS AT INTERSECTIONS WITH JESSAMINE ST. (L.M. 21.57), WINONA ST. (L.M. 21.71), AND N BERTRAND ST. (L.M. 21.96).
- (7) INCLUDES 191 TONS FOR TURN LANES, AND 387 TONS FOR COUNTY ROADS AND CITY ROADS.
- (8) SEE SHEET NUMBER 2F FOR TRAFFIC CONTROL SIGN TABULATION. THE CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT MANAGER.
- (9) 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.
- (10) SEE SHEET 2F AND CURB RAMP REFERENCE SHEETS 33-46 FOR ADDITIONAL DETAILS AND INFORMATION.
- (11) INCLUDES 73 S.Y. FOR BIKE LANE AND 100 S.Y. FOR BIKE CROSS WALKS. SEE SHEET R1 FOR ADDITIONAL DETAILS AND INFORMATION.
- (12) TO BE USED FOR TEMPORARY STRIPING DURING THE MILLING OPERATION. NO PAYMENT WILL BE MADE FOR TEMPORARY STRIPING DURING PLACEMENT OF THE FINAL SURFACE (ON EITHER EXISTING SURFACE OR FINAL) COURSE DUE TO THE CONTRACTOR'S METHODS OF CONSTRUCTION.
- (13) QUANTITY INCLUDES PAVEMENT MARKINGS FOR BIKE LANES.
- (14) TO BE USED FOR SIGNALIZED INTERSECTIONS AT L.M. 21.28 AND L.M. 21.13.
- (15) USE MIOVISION VIDEO SYSTEMS WITH 360 DEGREE CAMERAS AND IN-CABINET PROCESSORS. INCLUDES ALL SENSOR UNIT, HARDWARE, SOFTWARE, MOUNTING ASSEMBLIES, POWER CABLE, SURGE PROTECTION, AND ANY EQUIPMENT NECESSARY TO PROVIDE FUNCTIONAL DETECTION ZONES. CONTRACTOR TO ENSURE COMPATIBILITY WITH SIGNAL CONTROLLER.

NOTE: THERE ARE NO UTILITY ADJUSTMENTS ON THIS PROJECT.

NOTE: THERE ARE NO GUARDRAIL ADJUSTMENTS ON THIS PROJECT.

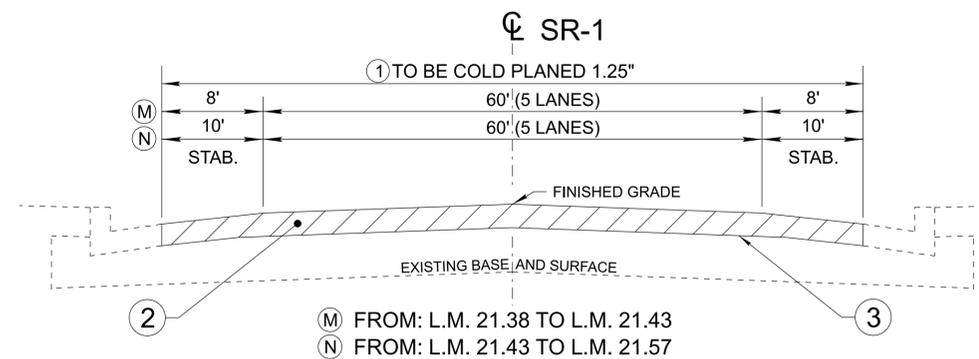
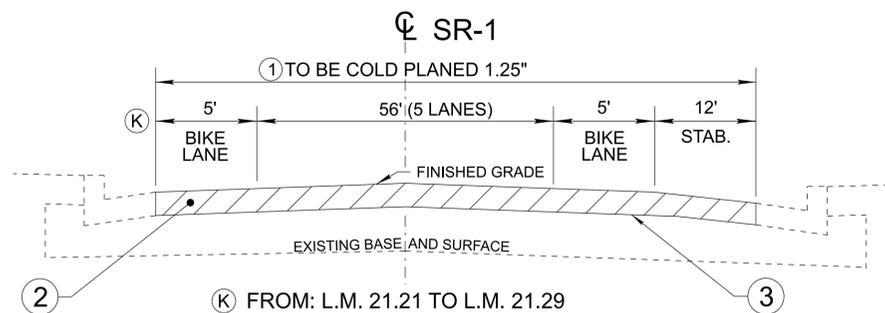
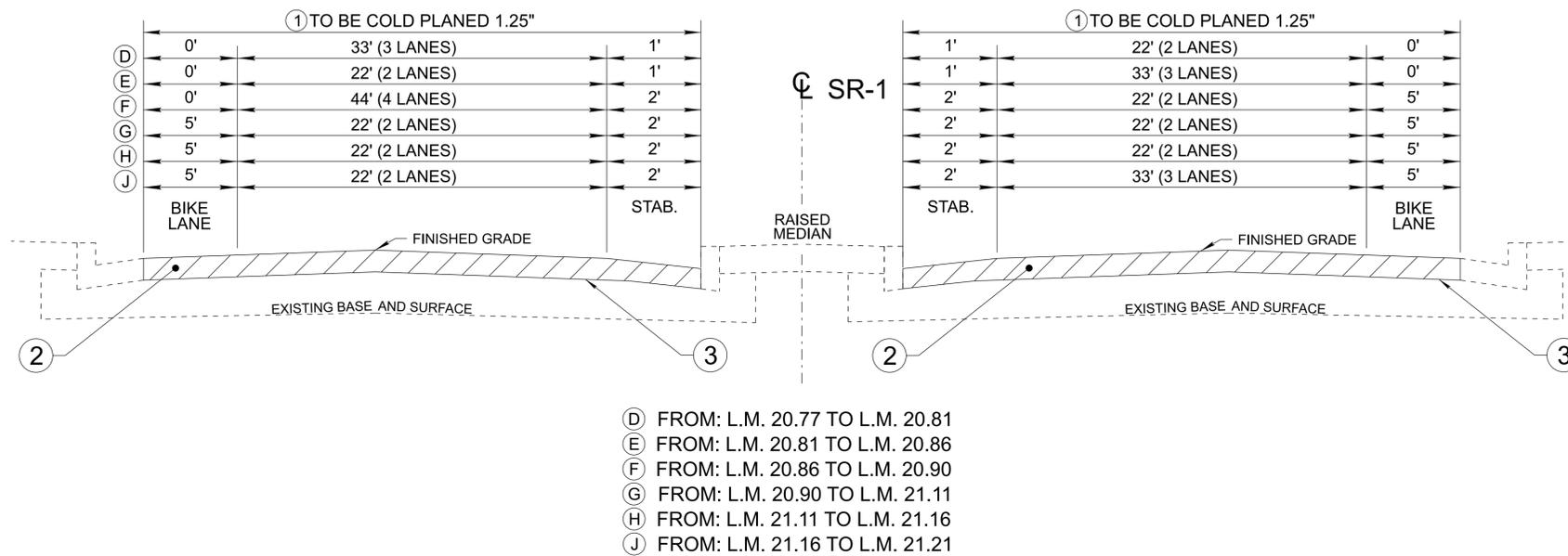
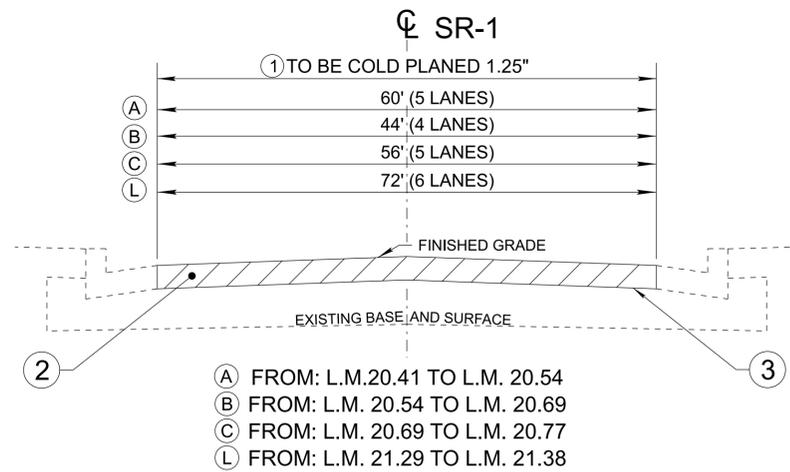
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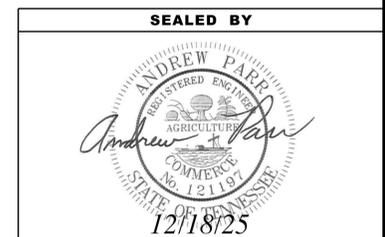
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	2B



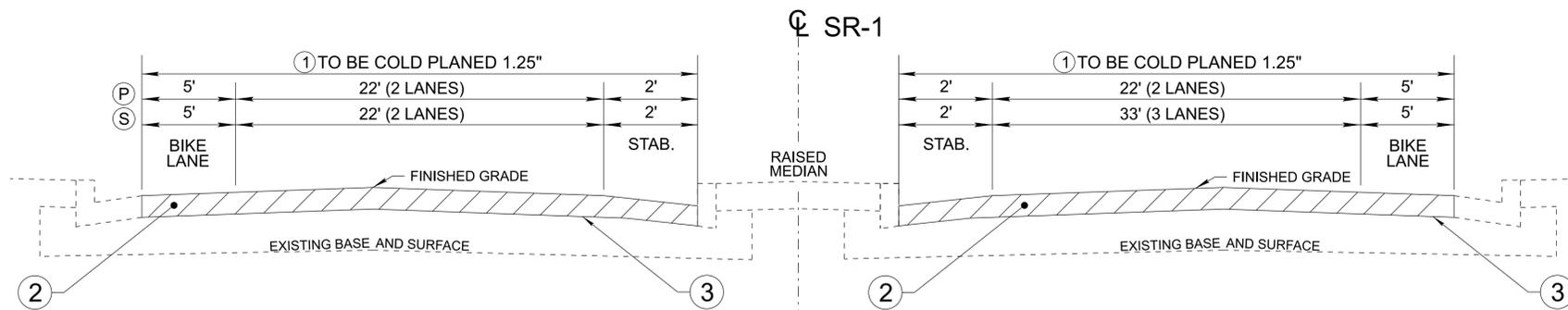
PROPOSED PAVEMENT SCHEDULE	
①	COLD PLANING @ 1.25"± THICK (APPROX. 131.3 LBS./S.Y.) ITEM 415-01.01 COLD PLANING BITUMINOUS PAVEMENT
②	ASPHALTIC CONCRETE SURFACE (HM) @ 1.25"± THICK (APPROX. 132.5 LBS./S.Y.) ITEM 411-02.10 ACS MIX (PG70-22) GRADING "D"
③	TACK COAT ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) SEE SECTION 403.05 OF THE STANDARD SPECIFICATION FOR DETERMINING APPLICATION RATE IN THE FIELD



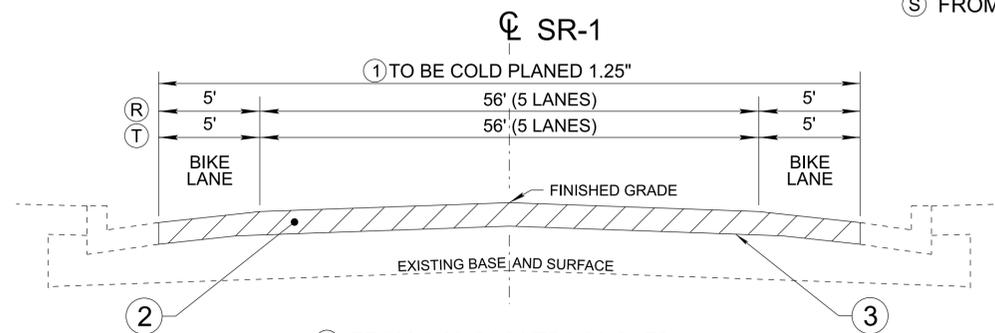
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE

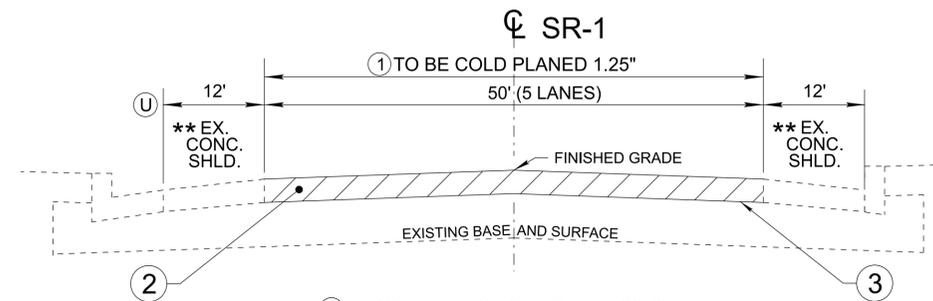
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	2B1



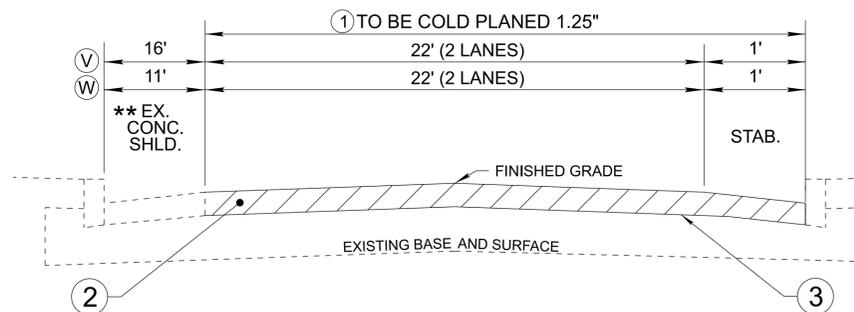
Ⓟ FROM: L.M. 21.57 TO L.M. 21.64
 Ⓢ FROM: L.M. 21.78 TO L.M. 21.91



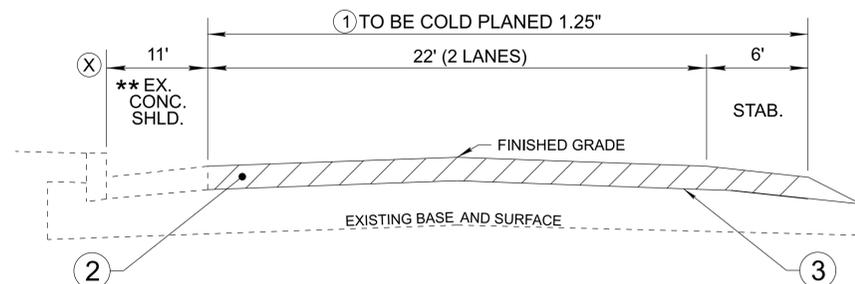
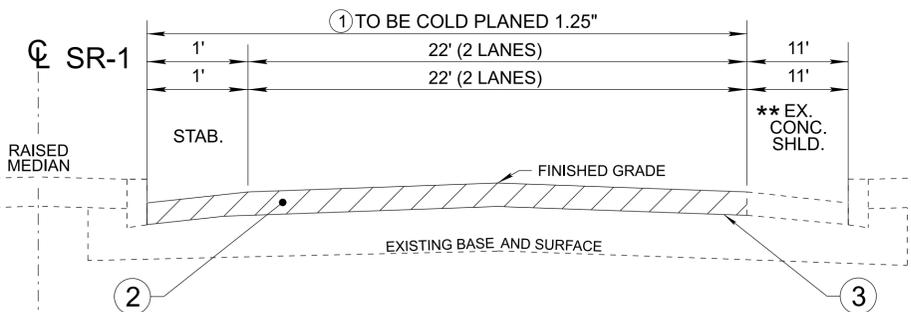
Ⓡ FROM: L.M. 21.64 TO L.M. 21.78
 * Ⓣ FROM: L.M. 21.91 TO L.M. 21.96



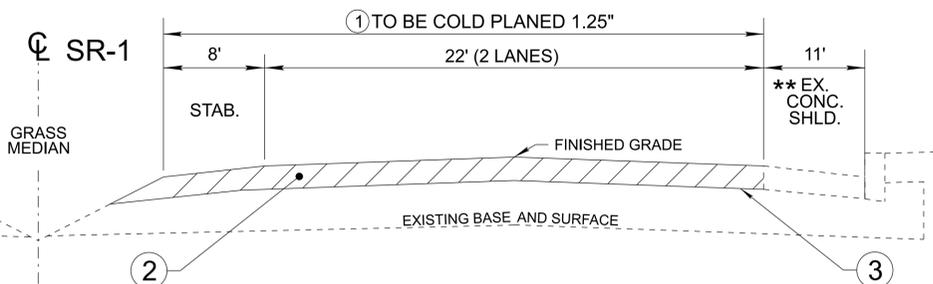
* Ⓤ FROM: L.M. 22.20 TO L.M. 23.67



Ⓥ FROM: L.M. 23.67 TO L.M. 23.97
 Ⓦ FROM: L.M. 23.97 TO L.M. 24.15



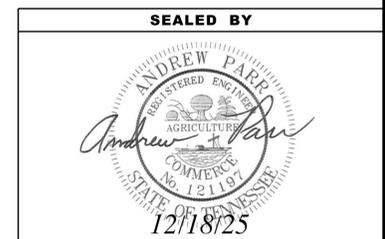
Ⓧ FROM: L.M. 24.15 TO L.M. 24.21



EXCLUSIONS

- * LM 21.96 - LM 22.20 : FOR CITY PROJECT
- ** EXCLUDE CONCRETE SHOULDER. NO PAVING REQUIRED.

SEE SHEET NO. 2B FOR PAVEMENT SCHEDULE



STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

TYPICAL
 SECTIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	2C

GENERAL NOTES

GRADING

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

MISCELLANEOUS

- (2) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES AND POSTS WHERE AND AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED IN PRICE BID FOR OTHER CONSTRUCTION ITEMS.
- (3) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

- (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 TDOT PROJECT ENGINEER.
 - b. ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
 - c. ALL COSTS ASSOCIATED WITH PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
 - d. REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (11) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" SPRAY THERMOPLASTIC (60 mil) 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. 716-13.02, SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

PAVEMENT

PAVING

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

RESURFACING

- (4) WHERE DIRECTED BY THE TDOT ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE PLACING MATERIALS. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (5) ALL PUBLIC SIDE ROADS SHALL BE PAVED ONE PAVER WIDTH THROUGH THE INTERSECTION AS A MINIMUM. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD OR BUSINESS ENTRANCE SHALL BE PROVIDED. SHOULD THE PAVEMENT OF THE INTERSECTING PUBLIC ROAD BE DISTRESSED, THE RESURFACING WIDTH MAY BE INCREASED TO THE NORMAL RIGHT OF WAY LINE.
- (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.

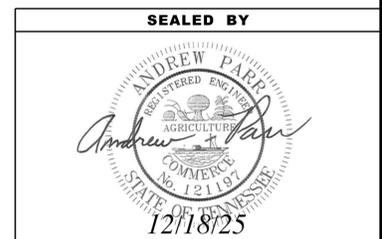
TRAFFIC CONTROL DIRECTIONAL SIGNING

- (7) WHEN EXISTING "TOURIST ORIENTED DIRECTIONAL SIGNS" (TODS) ARE ON NON-ACCESS CONTROLLED CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THESE SIGNS IN FULL VIEW TO THE MOTORING PUBLIC DURING ALL PHASES OF CONSTRUCTION. ALL WORK IN MOVING THESE "TODS" AND TEMPORARY SUPPORTS ARE TO BE PAID FOR UNDER ITEM NO. 712-06, AS DIRECTED BY THE ENGINEER. NEW SUPPORTS AND SIGN FACE FOR FINAL LOCATION WILL BE PAID FOR UNDER OTHER ITEMS OF CONSTRUCTION.

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.
- (8) ALL DETOURS SHALL BE PAVED, STRIPED, SIGNED, AND FLEXIBLE DRUMS ARE TO BE IN PLACE BEFORE IT IS OPENED TO TRAFFIC.
- (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.



STATE OF TENNESSEE
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GENERAL
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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	2D

SPECIAL NOTES

PAVEMENT

RESURFACING

- (2) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:
 - A. BROOMING & DEGRASSING SHALL INCLUDE NOTCHING THE GRAVEL SHOULDER PRIOR TO MILLING. THE NOTCH SHALL BE 1.5 IN DEEP AND 2 FT WIDE, OR AS DIRECTED BY THE TDOT PROJECT ENGINEER.
 - B. ALL MATERIAL FROM NOTCHING AND BROOMING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
 - C. ALL COSTS ASSOCIATED WITH NOTCHING, PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
- (3) SURFACE IS TO BE CROWNED AS DIRECTED BY THE ENGINEER.
- (5) THE INSIDE SHOULDER WILL BE PAVED CONCURRENTLY WITH THE INSIDE TRAFFIC LANE.
- (6) THE OUTSIDE SHOULDER WILL BE PAVED CONCURRENTLY WITH THE TRAFFIC LANE.
- (7) THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN COLD PLANING THE EXISTING ASPHALT OFF BRIDGE DECK SO AS NOT TO DAMAGE THE EXISTING DECK SEALANT AND/OR EXPANSION JOINT MEMBERS (STEEL PLATES, BARS, AND/OR HEADERS). IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS TO ALL DAMAGED MEMBERS TO THE SATISFACTION OF THE PROJECT ENGINEER AT NO ADDITIONAL COST.

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.

STORM DRAIN STRUCTURES

- (1) TAPER AROUND ALL CATCH BASINS, AND MANHOLES AS DIRECTED BY THE ENGINEER.

PAVEMENT MARKING

- (1) UNDER THE DIRECTION OF THE ENGINEER, THE CONTRACTOR MAY BE REQUIRED TO APPLY PAINTED MARKINGS IN THE PAVEMENT AREAS NOT SPECIFICALLY DETAILED IN THE PLANS. PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR ITEM NO. 716-05.20.
- (2) UNDER THE DIRECTION OF THE ENGINEER, THE CONTRACTOR MAY BE REQUIRED TO APPLY PLASTIC MARKINGS IN THE PAVEMENT AREAS NOT SPECIFICALLY DETAILED IN THE PLANS. PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR ITEM NO. 716-13.02.

SIGNS

- (1) IF THE CONTRACTOR ELECTS TO UTILIZE SIGNPOST ANCHORS (STUBS) FOR SIGN ERECTION, THESE SHALL BE REMOVED WHEN THE SIGNS ARE REMOVED TO AVOID FUTURE DAMAGE TO MOWERS OR OTHER MACHINERY.

MISCELLANEOUS

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

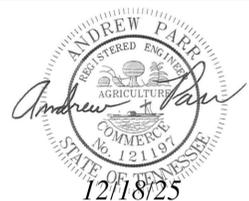
CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) THE CONTRACTOR SHALL KEEP TWO TRAFFIC LANES, ONE IN EACH DIRECTION, OPEN TO TRAFFIC DURING NON-WORK HOURS OR NON-WORK DAYS.

LANE CLOSURE NOTES

- (2) ANY WORK REQUIRING LANE CLOSURES INCLUDING PAVEMENT MARKING OPERATIONS SHALL BE AT NIGHT BETWEEN THE HOURS OF 7:00 P.M. AND 6:00 A.M. SUNDAY THROUGH THURSDAY AND 10:00 PM AND 8 AM FRIDAY THROUGH SATURDAY UNLESS OTHERWISE DIRECTED BY THE TDOT MANAGER.
- (5) NO LANE CLOSURES WILL BE ALLOWED ON SATURDAYS WHEN THE UNIVERSITY OF TENNESSEE PLAYS FOOTBALL IN KNOXVILLE UNLESS OTHERWISE APPROVED BY THE TDOT MANAGER AND THE REGIONAL TRAFFIC INCIDENT MANAGEMENT COORDINATOR.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL
NOTES

SPECIAL NOTES, CONT'D

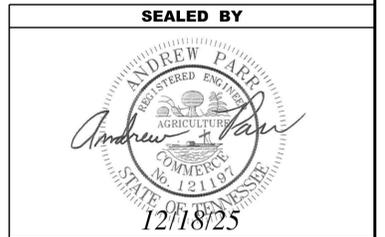
RAILROAD

- (1) THE CONTRACTOR SHALL CONDUCT HIS WORK SO AS TO PROTECT THE NORFOLK SOUTHERN TRACK FACILITIES AND PROPERTIES FROM ANY DAMAGE. THE WORK SHALL BE DONE IN ACCORDANCE WITH REGULATIONS STIPULATED BY NORFOLK SOUTHERN SO AS TO MAINTAIN CLEARANCE AND NOT INTERRUPT TRAIN TRAFFIC IN ANY MATTER.
- (2) THE CONTRACTOR SHALL NOTIFY AND COORDINATE HIS WORK AT THE RAILROAD CROSSING WITH THE FOLLOWING REPRESENTATIVE OF THE RAILROAD:

 MR. PAUL ANDERSON-DIVISION ENGINEER
 NORFOLK SOUTHERN CORPORATION
 1400 NORFOLK SOUTHERN DRIVE
 BIRMINGHAM, AL 35210
 PHONE: (304) 266-1558
 EMAIL: Paul.Anderson@nscorp.com

 Mt. DOUGLAS (SHAWN) STARLING, P.E.
 SENIOR ENGINEER PUBLIC IMPROVEMENTS-PA, NY, NJ, TN, MO, AL
 650 WEST PEACHTREE ST NW-BOX 45
 ATLANTA, GA 30308
 PHONE: (470) 463-6721
 EMAIL: Douglas.Starling@nscorp.com
- (3) CONTRACTOR PROTECTIVE SERVICES SHALL BE ONSITE ANYTIME CONSTRUCTION ACTIVITIES ARE TAKING PLACE ON OR ADJACENT TO THE RAILROAD PROPERTY AND/OR HAVE THE POTENTIAL TO FOUL THE RAILROAD'S TRACK OR OPERATIONS. SEE SECTION 8 OF THE NORFOLK SOUTHERN RAILROAD SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTERESTS – DIRECT HIRE FOR ADDITIONAL CLARIFICATIONS AND REQUIREMENTS REGARDING CONTRACTOR PROTECTIVE SERVICES.
- (4) ALL WORK OVER, UNDER, OR ADJACENT TO NORFOLK SOUTHERN RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE NORFOLK SOUTHERN SPECIAL PROVISION. SEE AGREEMENT/STATE CONTRACT SPECIAL PROVISION 105C REGARDING FLAGGING RULES AND COSTS THEREOF, INSURANCE REQUIREMENTS, AND NORFOLK SOUTHERN SPECIAL PROVISIONS.
- (5) THE CONTRACTOR SHALL NOT, FOR ANY REASON, STOP CONSTRUCTION EQUIPMENT UPON NOR STORE OR DUMP WASTE CONSTRUCTION MATERIALS UPON THE RAILROAD'S RIGHT-OF-WAY.
- (6) THE CONTRACTOR IS PROHIBITED FROM INSTALLING ANY CONSTRUCTION SIGNS, MESSAGE BOARDS, ARROW BOARDS AND/OR OTHER TEMPORARY TRAFFIC CONTROL SIGNS OR DEVICES WITHIN THE RAILROAD'S RIGHT-OF-WAY, AND IN ALL CASES, THESE SIGNS MUST NEVER BE PLACED IN A POSITION SO AS TO OBSTRUCT THE VIEW OF ANY ADVANCED RAILROAD WARNING SIGNS OR ANY OTHER RAILROAD GRADE CROSSING WARNING DEVICES SUCH AS CROSSBUCK SIGNS, CROSSING SIGNALS, ETC.

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**STATE OF TENNESSEE
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**SPECIAL
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ENVIRONMENTAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

- (4) THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS AND EPHEMERAL, INTERMITTENT, AND PERENNIAL STREAMS, IS NOT ALLOWED.
- (9) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS PRIOR TO ANY CONSTRUCTION AND MAINTENANCE ACTIVITIES TO ENSURE THAT ENVIRONMENTAL FEATURES (E.G., STREAMS, WETLANDS, SPRINGS, ETC.) ARE NOT IMPACTED BEYOND PERMITTED LOCATIONS. IF THE CONTRACTOR OR TDOT INSPECTOR IS UNSURE OF THE IDENTITY OF AN ENVIRONMENTAL FEATURE, THE INSPECTOR SHALL CONTACT THE TDOT REGION ENVIRONMENTAL TECH GROUP IMMEDIATELY.

SPECIES

- (11) SHOULD CLIFF SWALLOW OR BARN SWALLOW NESTS, EGGS, OR BIRDS (YOUNG AND ADULTS) BE PRESENT, THE CONTRACTOR SHALL CONTACT THE REGIONAL ECOLOGY OFFICE TO DETERMINE IF SEASONAL RESTRICTIONS WILL BE NECESSARY. GENERALLY, BIRDS, NESTS, AND EGGS MAY NOT BE DISTURBED BETWEEN APRIL 15 AND JULY 31. FROM AUGUST 1 TO APRIL 14, NESTS CAN BE REMOVED OR DESTROYED SO LONG AS BIRDS OR EGGS ARE NOT PRESENT, AND MEASURES IMPLEMENTED TO PREVENT FUTURE NEST BUILDING AT THE SITE (I.E., CLOSING OFF AREA USING NETTING).
- (12) IF THE REMOVAL OF ANY TREES WITH A DIAMETER AT BREAST HEIGHT (DBH) GREATER THAN 3 INCHES IS DEEMED NECESSARY THE TDOT SUPERVISOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION, ECOLOGY SECTION IMMEDIATELY.

PERMITS, PLANS & RECORDS

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

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

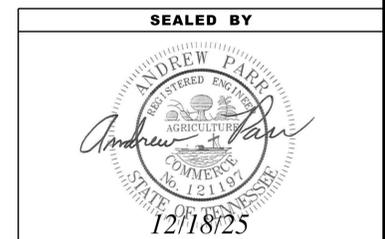
- (1) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE SHALL BE INVITED TO ALL FIELD REVIEW MEETINGS.

ECOLOGY

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

SCOPE OF WORK

- (6) MILL & 411D AND PAVEMENT MARKINGS.



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**ENVIRONMENTAL
NOTES**

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TYPE	YEAR	PROJECT NO.	SHEET NO.
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EROSION PREVENTION AND SEDIMENT CONTROL 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.

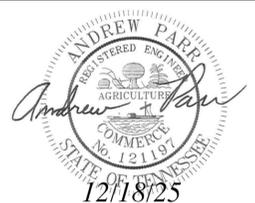
- (36) ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.
- (37) ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT 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.

SPILL PREVENTION, MANAGEMENT & NOTIFICATION

- (44) ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE AND SPILLS.
- (45) FOR ALL HAZARDOUS MATERIALS STORED ONSITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP SHALL BE CLEARLY POSTED. SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.
- (46) APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT SHALL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ONSITE AND UNDER COVER. SPILL RESPONSE EQUIPMENT SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES.
- (47) ALL SPILLS SHALL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- (48) THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.
- (49) IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (E.G. SETTLING PONDS, DETENTION PONDS, SWALES), ACTION SHALL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR SHALL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES.
- (50) FERTILIZERS SHALL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED. ONCE APPLIED, FERTILIZERS SHALL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER.
- (51) IF A SPILL OCCURS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE TDOT PROJECT RESPONSIBLE PARTY. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.

- (52) WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD, SEE THE LATEST TENNESSEE GENERAL PERMIT NO. TNR100000 STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES SECTION 5.1 FOR REPORTING REQUIREMENTS.
- (53) CONTRACTOR'S BULK FUEL AND PETROLEUM PRODUCTS STORED ONSITE OR ADJACENT TO THE R.O.W. IN ABOVE GROUND STORAGE CONTAINERS WITH A COMBINED CAPACITY OF 1320 GALLONS OR MORE SHALL HAVE SECONDARY CONTAINMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN FOR THE BULK STORAGE AND BE SOLELY RESPONSIBLE FOR OBTAINING ANY NECESSARY LOCAL, STATE, AND FEDERAL PERMITS. THE SPCC PLAN AND/OR PERMITS SHALL BE KEPT ONSITE AND A COPY PROVIDED TO THE TDOT PROJECT RESPONSIBLE PARTY PRIOR TO STORING 1320 GALLONS ON SITE.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION
AND SEDIMENT
CONTROL NOTES

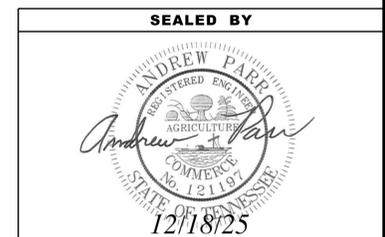
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	2F

TRAFFIC CONTROL SIGN TABULATION (RESURFACING)						
M.U.T.C.D. SIGN NO.	LEGEND \ DESCRIPTION	SIZE IN INCHES		S.F.	TOTAL NUMBER REQUIRED	ITEM NO. 712-06 S.F.
		L	x W			
G20-1	ROAD WORK NEXT 4 MILES	48"	X 24"	8	4	32
G20-2	END ROAD WORK	48"	X 24"	8	4	32
W4-2	LANE ENDS	48"	X 48"	16	4	64
W8-1	BUMP	48"	X 48"	16	18	288
W8-11	UNEVEN LANES	48"	X 48"	16	18	288
W13-1P	ADVISORY SPEED	30"	X 30"	6	4	25
W20-1	ROAD WORK AHEAD	48"	X 48"	16	45	720
W20-5	LANE CLOSED	48"	X 48"	16	4	64
TOTAL					1513	

BRIDGE DECK RECOMMENDATIONS (RESURFACING)				
BRIDGE NUMBER	LOCATION LOG MILE	CROSSES OVER/UNDER	BRIDGE LENGTH	BRIDGE DECK RECOMMENDATIONS
47056660001	20.900	NS RR, WILLOW & JACKSON AVE.	1035'-8"	LEAVE AS IS
47SR0010031	21.430	SOU RAILWAY	152'-6"	LEAVE AS IS
47SR0010033	23.710	CHILHOWEE PARK WALKWAY	28'-6"	COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" OF NEW ASPHALT.

NOTE: THE CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT MANAGER.

CROSSWALK TABULATION								
ROADWAY			LEFT	RIGHT	STANDARD DRAWING NO.	TRANSVERSE LINE CROSSWALK ITEM NO. 716-02.03 L.F. (NON-PARTICIPATING)	LONG. CROSSWALK ITEM NO. 716-02.09 L.F.	COMMENTS
MAINLINE	LOCATION	LOG MILE (L.M.)						
S.R. 1	JAMES WHITE PKWY.	20.410	X	X	T-M-4		190	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 33
S.R. 1	E. CHURCH AVE. / HOWARD BAKER JR. AVE.	20.530	X	X	T-M-4		310	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 33
S.R. 1	KNOXVILLE BUS STATION	20.600	X		T-M-4		45	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 33
S.R. 1	CAL JOHNSON REC CENTER	20.660	X	X	T-M-4		45	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 34
S.R. 1	JAMES WHITE PKWY. ENT. RAMP	20.760	X		T-M-4		50	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 34
S.R. 1	E. SUMMIT HILL DR. SE	20.860	X	X	T-M-4		365	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 34
S.R. 1	E. MAGOLIA DR.	21.200	X	X	T-M-4		175	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 35
S.R. 1	E. 5TH AVE. / SR-1	21.300	X	X	T-M-4		405	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 35
S.R. 1	GEORGIA AVE.	21.370	X		T-M-4		35	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 36
S.R. 1	GEORGIA AVE. NE	21.380		X	T-M-4		25	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 36
S.R. 1	FRAZIER ST.	21.410	X		T-M-4		40	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 36
S.R. 1	JESSAMINE ST.	21.570	X	X	T-M-4	240		SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 36
S.R. 1	GIBBONS ST.	21.630	X		T-M-4		40	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 37
S.R. 1	WINONA ST.	21.700	X	X	T-M-4	245		SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 37
S.R. 1	MYRTLE ST.	21.770	X	X	T-M-4		110	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 37
S.R. 1	HOLLY ST.	21.840	X		T-M-4		40	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 37
S.R. 1	AUSTIN ST. NE	21.910	X		T-M-4		40	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 38
S.R. 1	N. BERTRAND ST.	21.960	X	X	T-M-4	220		SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 38
S.R. 1	N. OLIVE ST.	22.310	X	X	T-M-4		225	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 39
S.R. 1	SPRUCE ST.	22.470	X	X	T-M-4		105	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 40
S.R. 1	N. CHESTNUT ST.	22.620	X	X	T-M-4		225	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 40
S.R. 1	N. CHERRY ST.	22.810	X	X	T-M-4		335	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 41
S.R. 1	N. HARRISON ST.	22.950	X	X	T-M-4		105	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 41
S.R. 1	N. HEMBREE ST.	23.120	X	X	T-M-4		95	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 42
S.R. 1	MILLIGAN ST. NE / BEAL BOURNE ST.	23.280	X	X	T-M-4		230	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 42
S.R. 1	BUSINESS ENTRANCE	23.320	X		T-M-4		25	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 42
S.R. 1	BUSINESS ENTRANCE	23.340	X		T-M-4		25	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 42
S.R. 1	ELMWOOD ST. NE	23.360	X	X	T-M-4		80	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 43
S.R. 1	CASTLE ST. NE	23.450		X	T-M-4		35	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 43
S.R. 1	N. CASTLE ST.	23.480		X	T-M-4		40	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 43
S.R. 1	N. MARY ST.	23.560	X	X	T-M-4		85	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 43
S.R. 1	N. BEAMAN ST.	23.660	X	X	T-M-4		235	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 44
S.R. 1	GATE 7 ENTRANCE	23.790	X		T-M-4		45	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 44
S.R. 1	ALICE ST. NE	23.840		X	T-M-4		40	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 44
S.R. 1	CRAWFORD AVE.	23.900	X		T-M-4		80	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 45
S.R. 1	LAKESIDE ST.	23.970	X	X	T-M-4		275	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 45
S.R. 1	KIRKWOOD ST.	24.040	X	X	T-M-4		300	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 45
S.R. 1	HAMPTON AVE.	24.070	X		T-M-4		25	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 46
S.R. 1	PROSSER RD.	24.130	X	X	T-M-4		320	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 46
S.R. 1	SHELBY ST.	24.200		X	T-M-4		50	SEE CITY OF KNOXVILLE PROJECT, PIN 129559.01 - SHEET 46
TOTAL						705	4895	



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	3

UTILITY

- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- (3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.

UTILITY OWNERS

CABLE: XFINITY

1725 WEARS VALLEY RD.
SEVIERVILLE, TN 37862
CONTACT: JASON KELLY
OFFICE PHONE: (865) 862-5061
CELL PHONE: (865) 437-0295
Email: jason_kelly@comcast.com

ELECTRIC:

KNOXVILLE UTILITY BOARD

P.O. BOX 59017 (37950-9017)
4505 MIDDLEBROOK PIKE
KNOXVILLE, TN 37921-5599
CONTACT: DANIEL MCELYEA
OFFICE PHONE: (865) 558-2699
CELL PHONE: (865) 216-0752
Email: Daniel.McElyea@kub.org

GAS:

KNOXVILLE UTILITY BOARD

4505 MIDDLEBROOK PIKE
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CONTACT: TIM KELLY
OFFICE PHONE: (865) 558 -2577
CELL PHONE: (865) 320 -2681
Email: timothy.kelly@kub.org

FIBER:

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CONTACT: JAMES WAGNER
OFFICE PHONE: (865) 558-2407
CELL PHONE: (865) 789-3756
Email: James.Wagner@kub.org

WATER:

KNOXVILLE UTILITY BOARD

4505 MIDDLEBROOK PIKE
KNOXVILLE, TN 37921-5599
CONTACT: NOAH NEWPORT
OFFICE PHONE: (865) 558-2747
CELL PHONE: (423) 494-0774
Email: Noah.Newport@KUB.org

SEWER:

KNOXVILLE UTILITY BOARD

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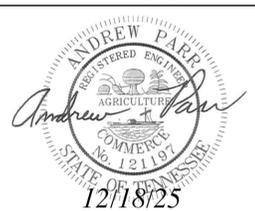
TELEPHONE:

AT&T

9733 PARKSIDE DR.

KNOXVILLE, TN 37922
CONTACT: JAY FRAZIER
CELL PHONE: (865) 387-2685
Email: jf092@att.com

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

UTILITY NOTES
AND
UTILITY OWNERS

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	T1

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.

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

- a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

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

- b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.
- c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO 6 INCHES OR LESS.
- d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

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

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

SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

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

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

1. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 0.75 INCH AND NOT EXCEEDING 2 INCHES.
 - a. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
2. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:
 - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
3. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:
 - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
 - b. ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

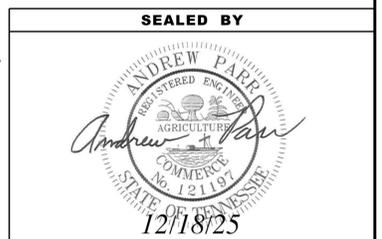
THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE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

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

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES 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.

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

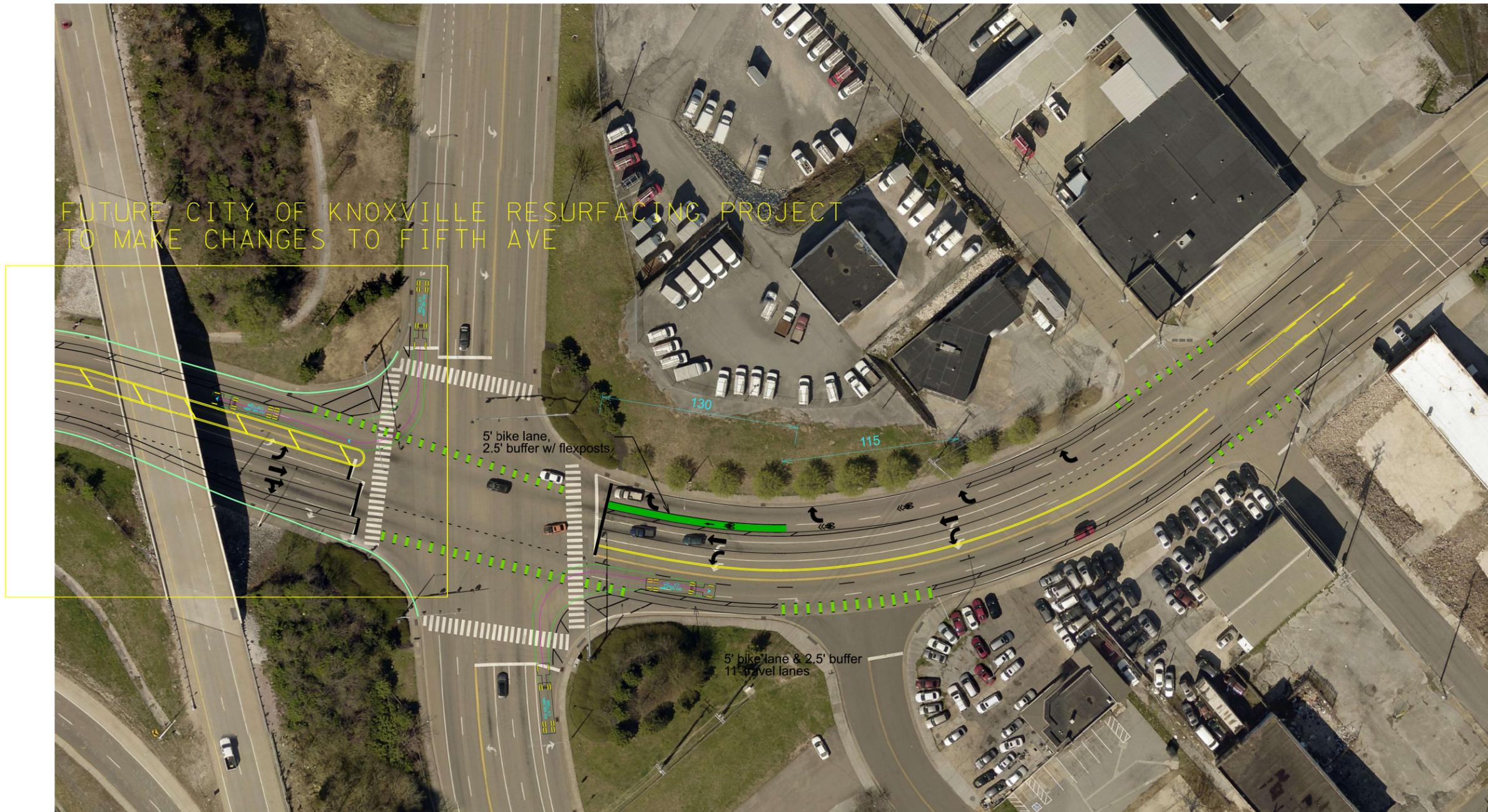


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT EDGE
DROP-OFF NOTES
FOR
TRAFFIC CONTROL

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2026	STP-NH/HSIP-1(481)	R1
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FUTURE CITY OF KNOXVILLE RESURFACING PROJECT
TO MAKE CHANGES TO FIFTH AVE



SEALED BY

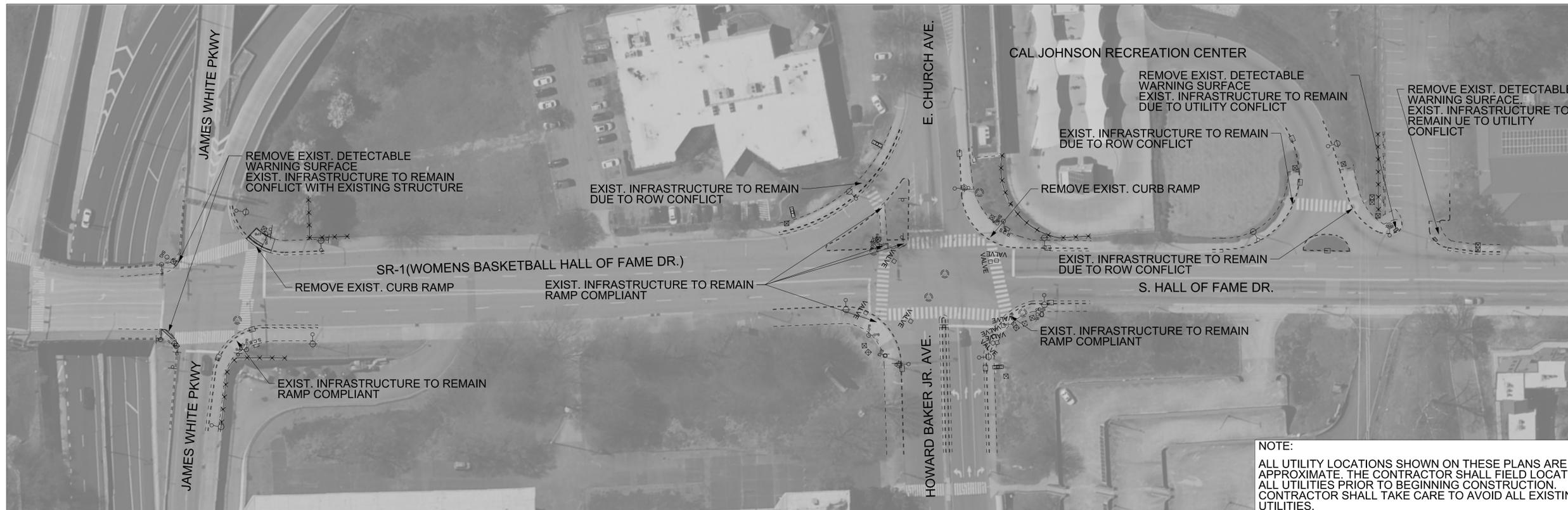
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

OPERATIONAL CHANGE
STATE ROUTE 1 AT
FIFTH AVE/HALL OF FAME
CITY OF KNOXVILLE
KNOX COUNTY

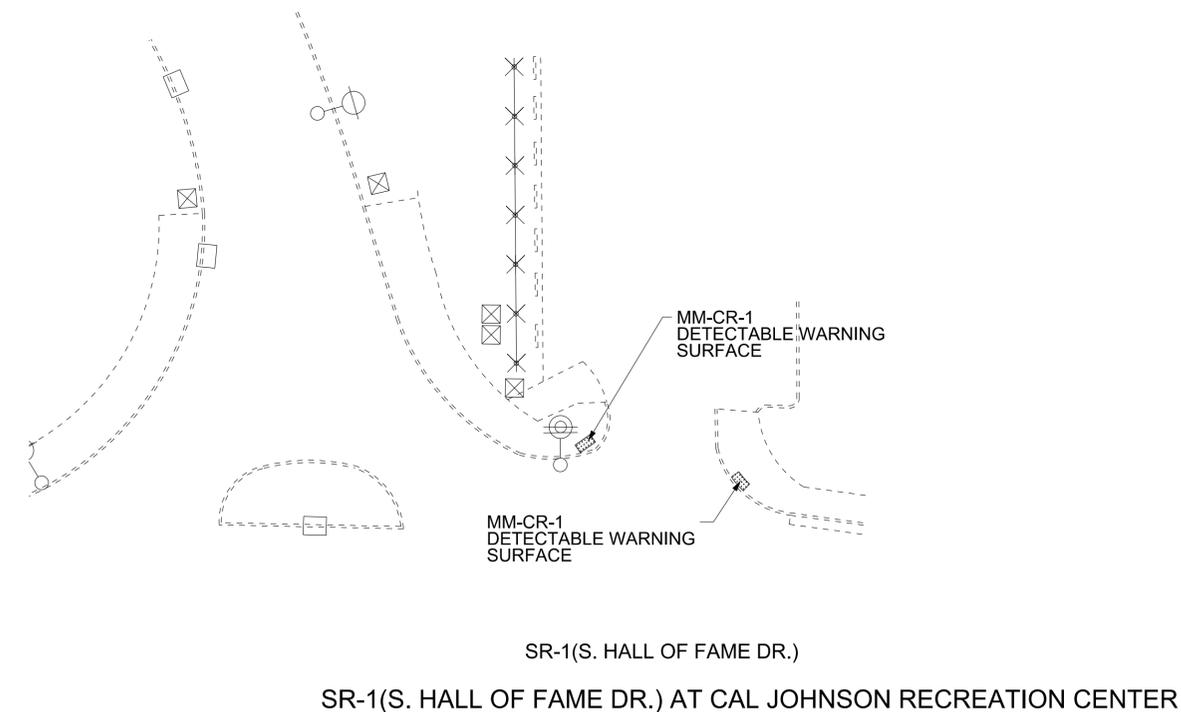
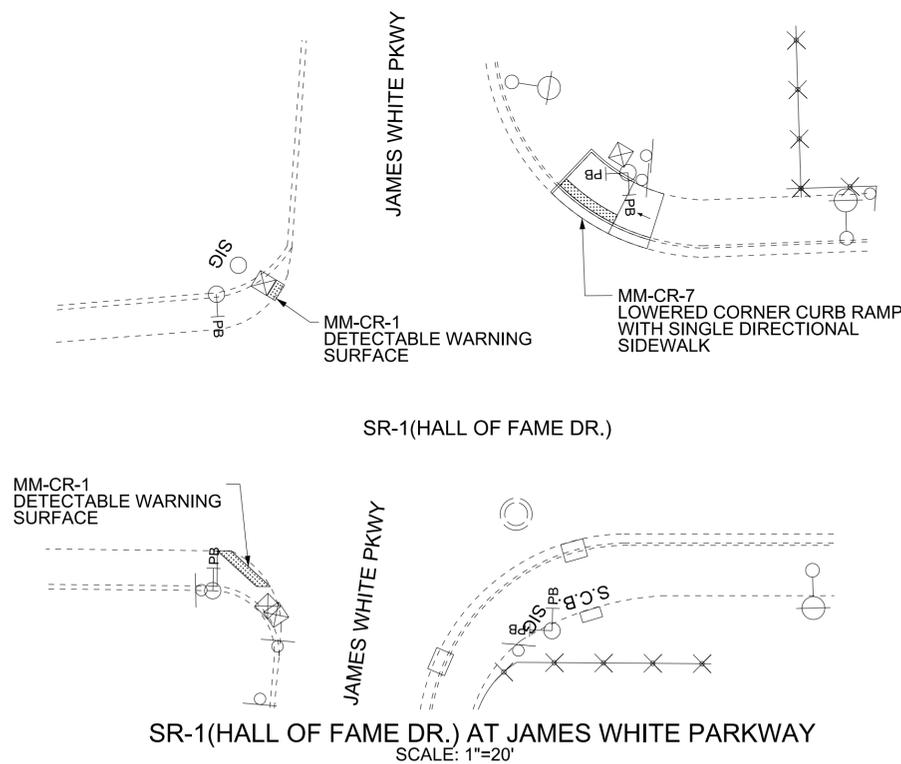
11' TRAVEL LANES WITH 5' BIKE LANES
SHEET FOR REFERENCE; PROVIDED BY CITY OF KNOXVILLE



TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	33



NOTE:
 ALL UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL TAKE CARE TO AVOID ALL EXISTING UTILITIES.



LEGEND			
	EXISTING SIGN		EXISTING FENCE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING GUY WIRE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

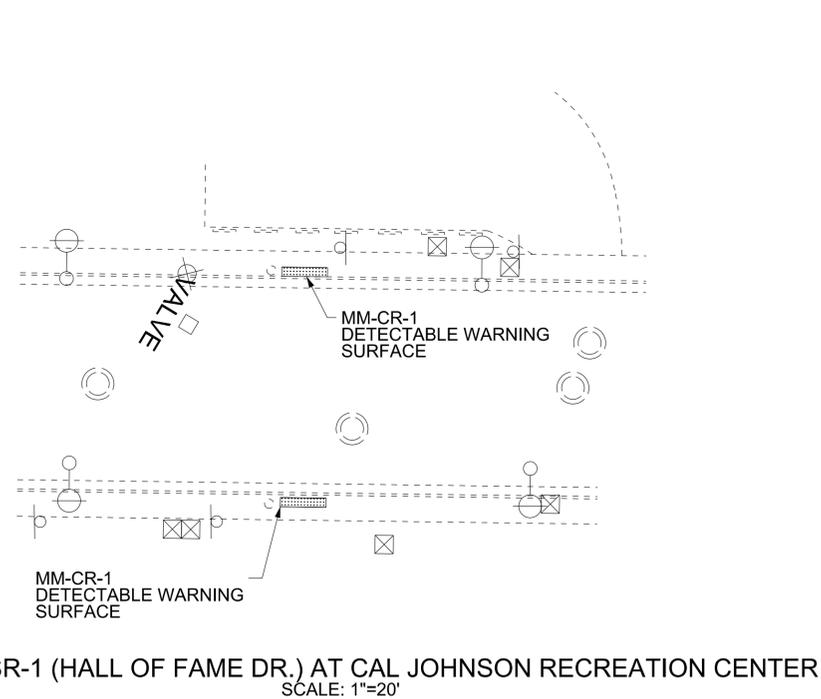
LAYOUT
 L.M. 20.41 TO L.M. 20.65
 SCALE: 1"= 50'

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

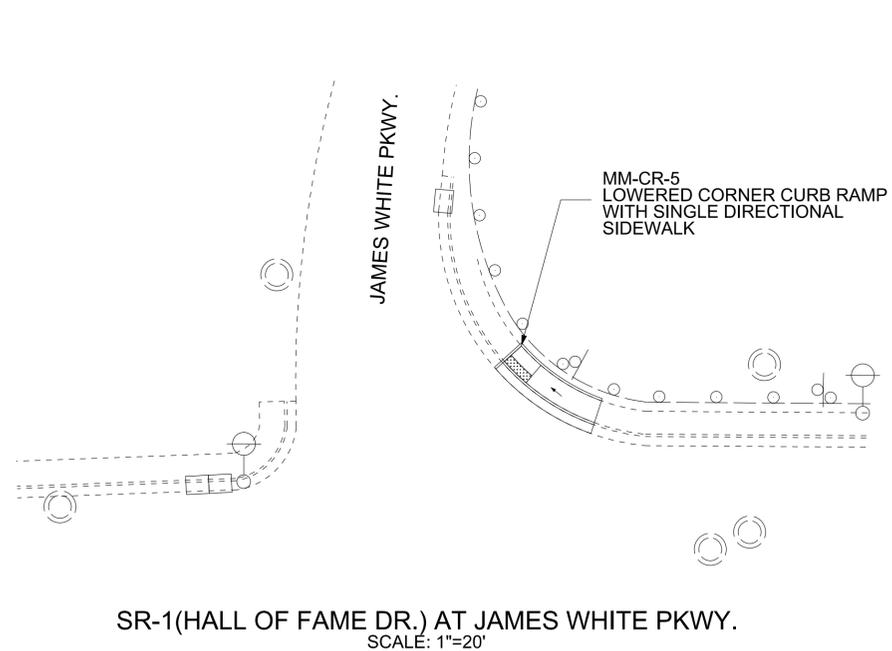
TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	34



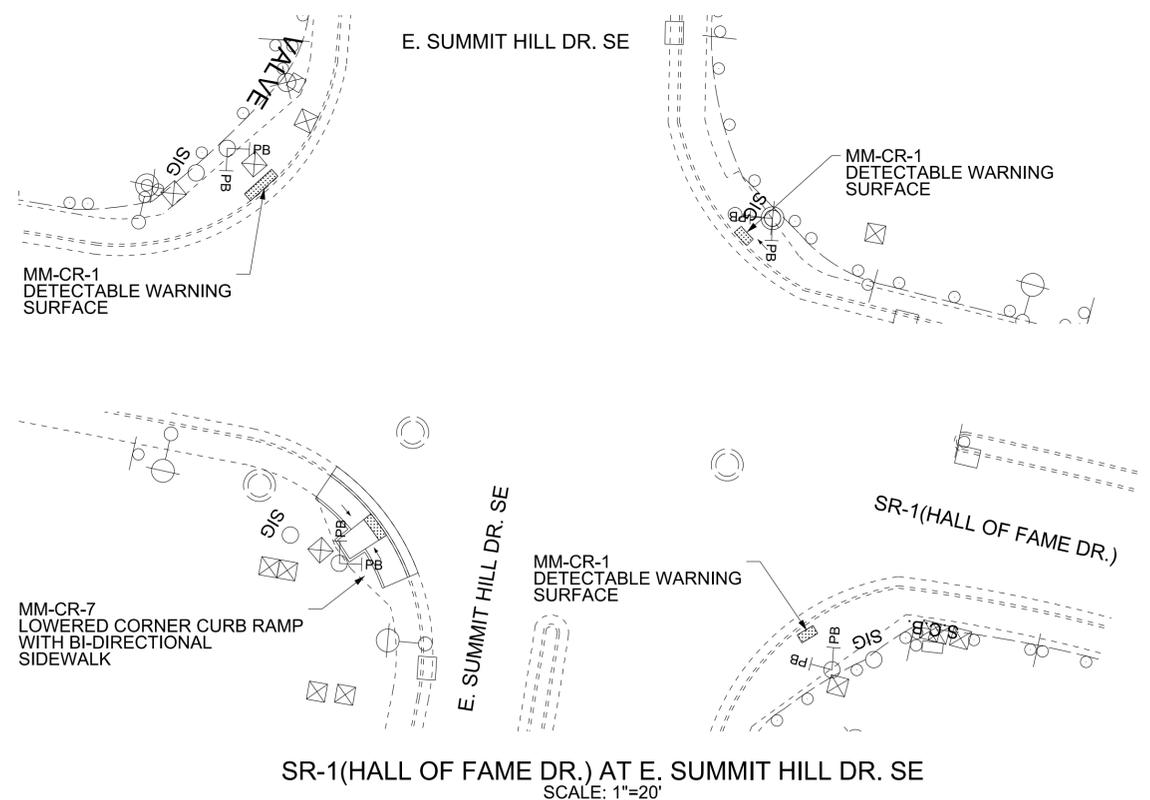
NOTE:
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SR-1 (HALL OF FAME DR.) AT CAL JOHNSON RECREATION CENTER
SCALE: 1"=20'



SR-1(HALL OF FAME DR.) AT JAMES WHITE PKWY.
SCALE: 1"=20'



SR-1(HALL OF FAME DR.) AT E. SUMMIT HILL DR. SE
SCALE: 1"=20'

LEGEND			
	EXISTING SIGN		EXISTING FENCE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING GUY WIRE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

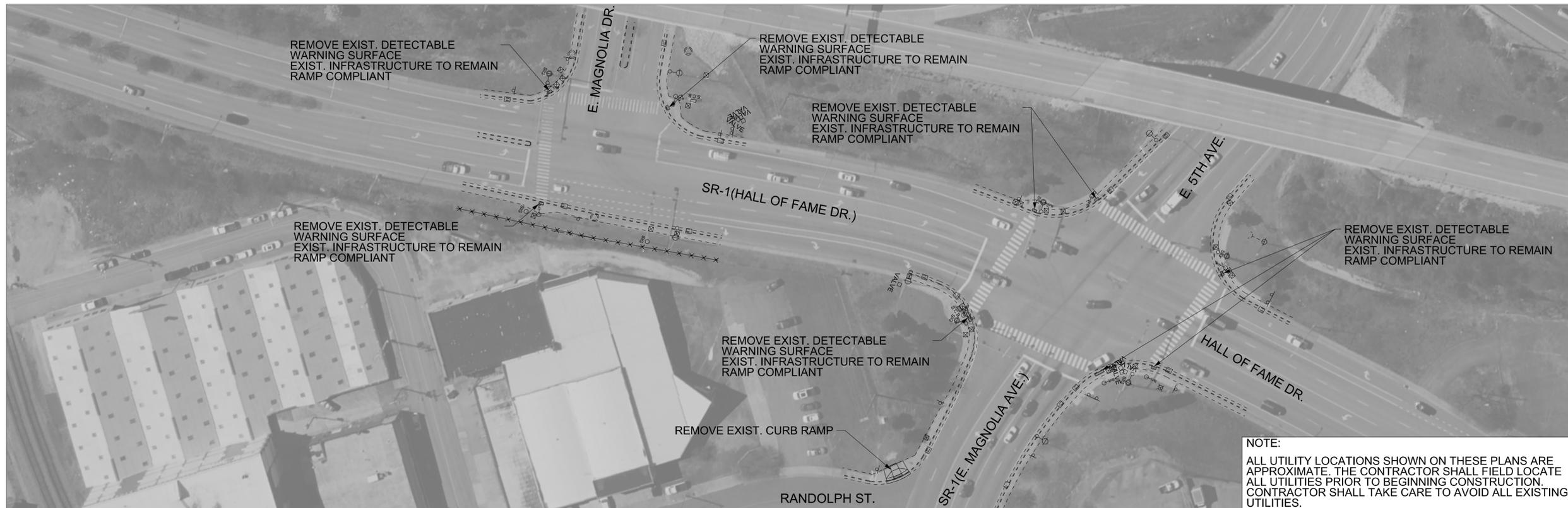
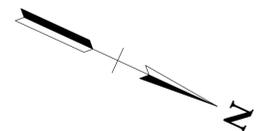
SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

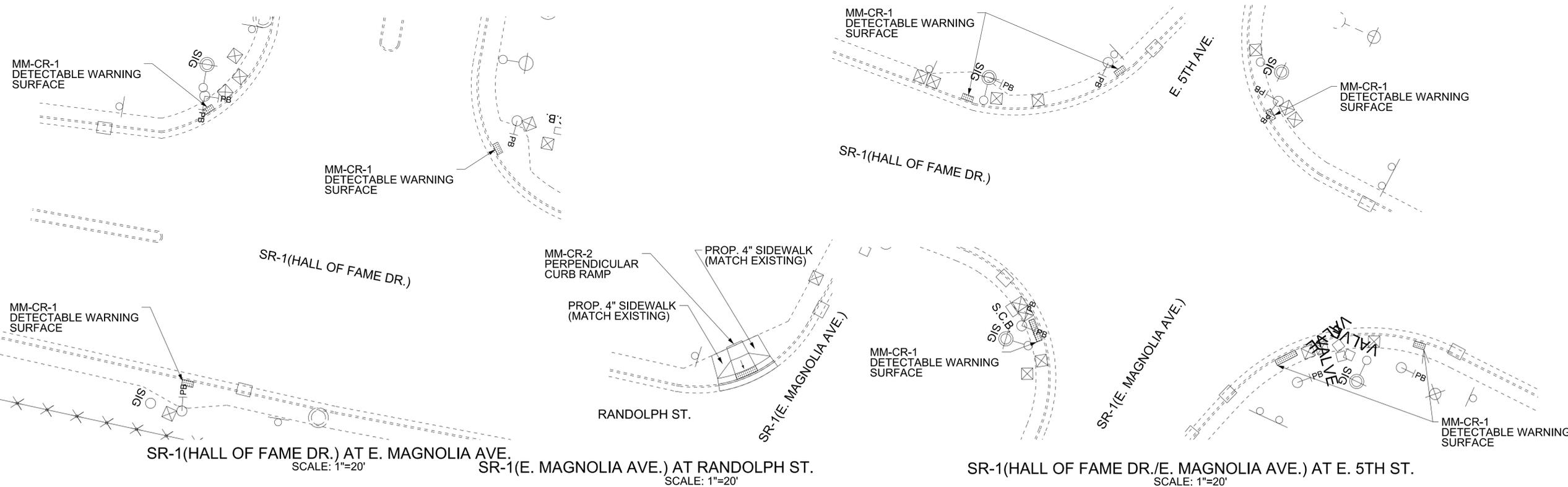
LAYOUT
L.M. 20.65 TO L.M. 20.90
SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	35



NOTE:
 ALL UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL TAKE CARE TO AVOID ALL EXISTING UTILITIES.



LEGEND			
	EXISTING SIGN		EXISTING GUY WIRE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

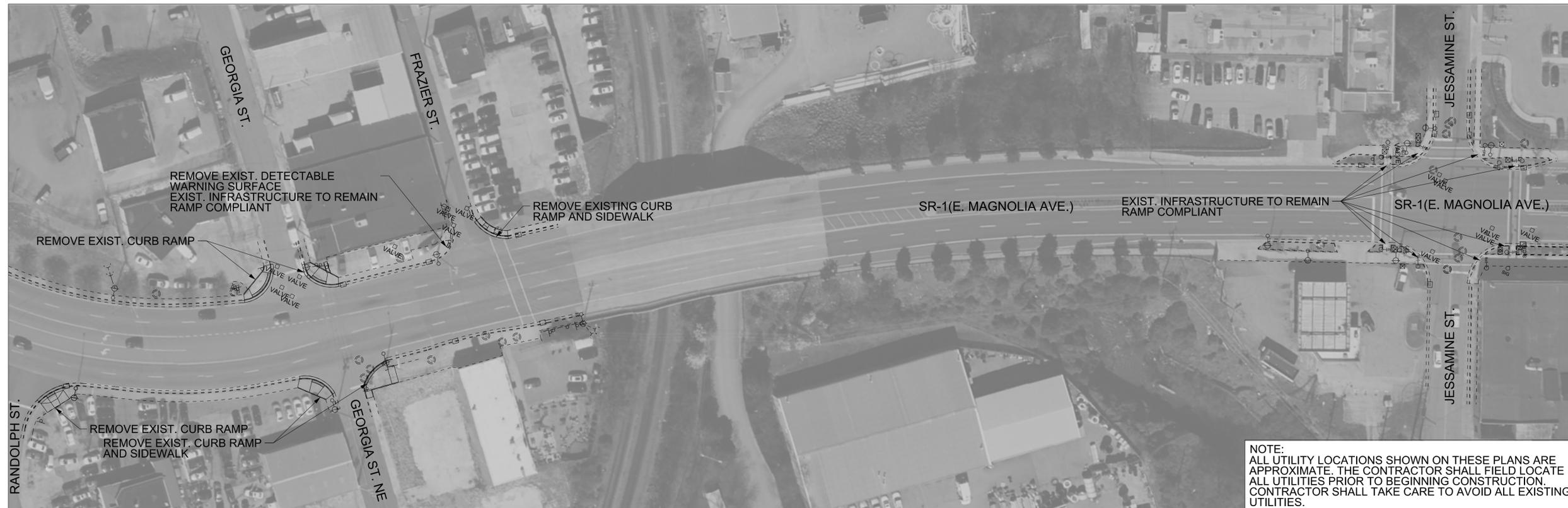
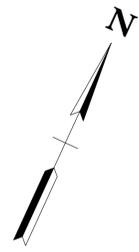
SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

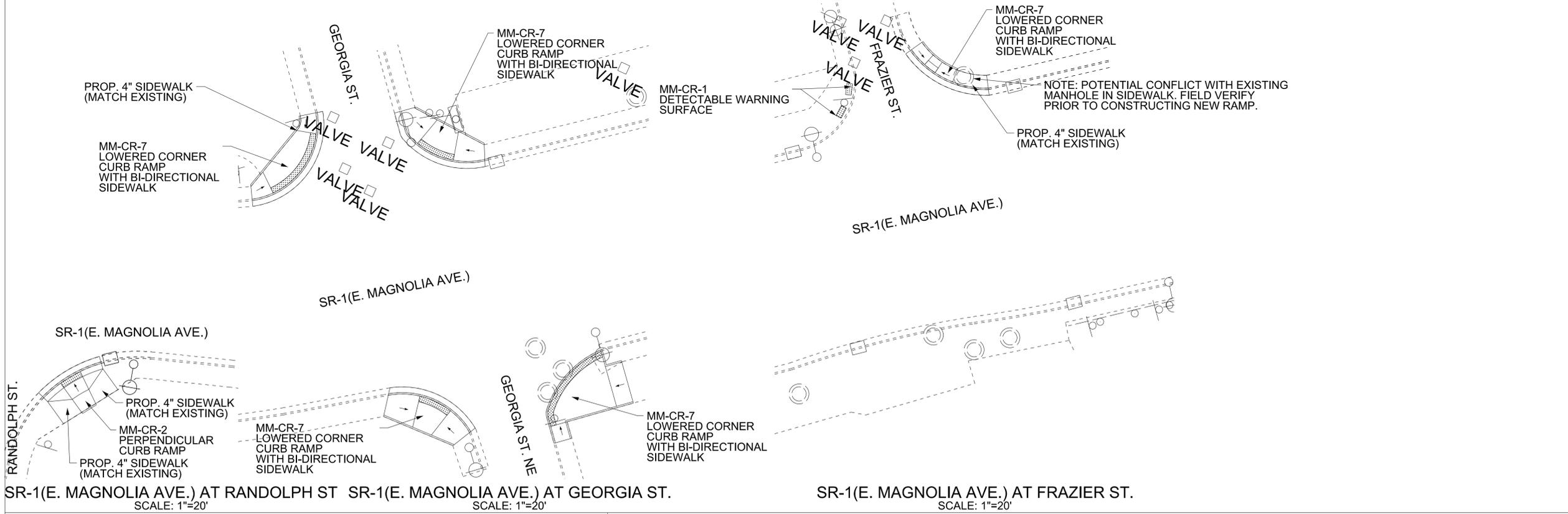
LAYOUT
 L.M. 21.11 TO L.M. 21.31
 SCALE: 1"= 50'

\$\$\$\$\$TIMES\$\$\$\$\$
 \$\$\$DONSPECS\$\$\$\$\$

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	36



NOTE:
ALL UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL TAKE CARE TO AVOID ALL EXISTING UTILITIES.



LEGEND		
	EXISTING SIGN	
	EXISTING FIRE HYDRANT	
	EXISTING WATER/GAS VALVE	
	EXISTING MAIL BOX	
	EXISTING MANHOLE	
	EXISTING STORM INLET	
	EXISTING UTILITY POLE	
	EXISTING LIGHT POLE	
	EXISTING GUY WIRE	
	EXISTING SIGNAL CONTROL	
	EXISTING UTILITY BOX	
	DETECTABLE WARNING SURFACE	
	EXISTING GUARDRAIL	
	EXISTING SIGNAL POLE	
	EXISTING PED PUSHBUTTON	

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

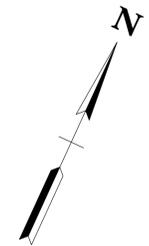
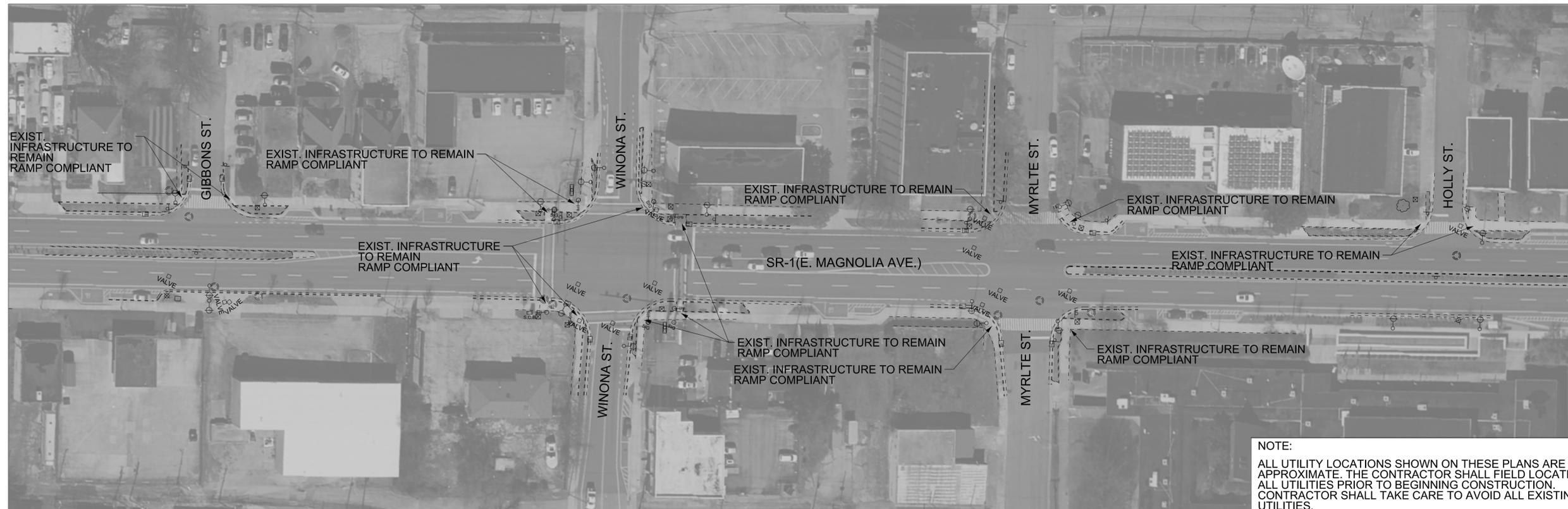
SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

LAYOUT
L.M. 21.31 TO L.M. 21.57
SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	37



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

LEGEND		
	EXISTING SIGN	
	EXISTING FIRE HYDRANT	
	EXISTING WATER/GAS VALVE	
	EXISTING MAIL BOX	
	EXISTING MANHOLE	
	EXISTING STORM INLET	
	EXISTING UTILITY POLE	
	EXISTING LIGHT POLE	
	EXISTING GUY WIRE	
	EXISTING SIGNAL CONTROL	
	EXISTING UTILITY BOX	
	DETECTABLE WARNING SURFACE	
	EXISTING GUARDRAIL	
	EXISTING SIGNAL POLE	
	EXISTING PED PUSHBUTTON	

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

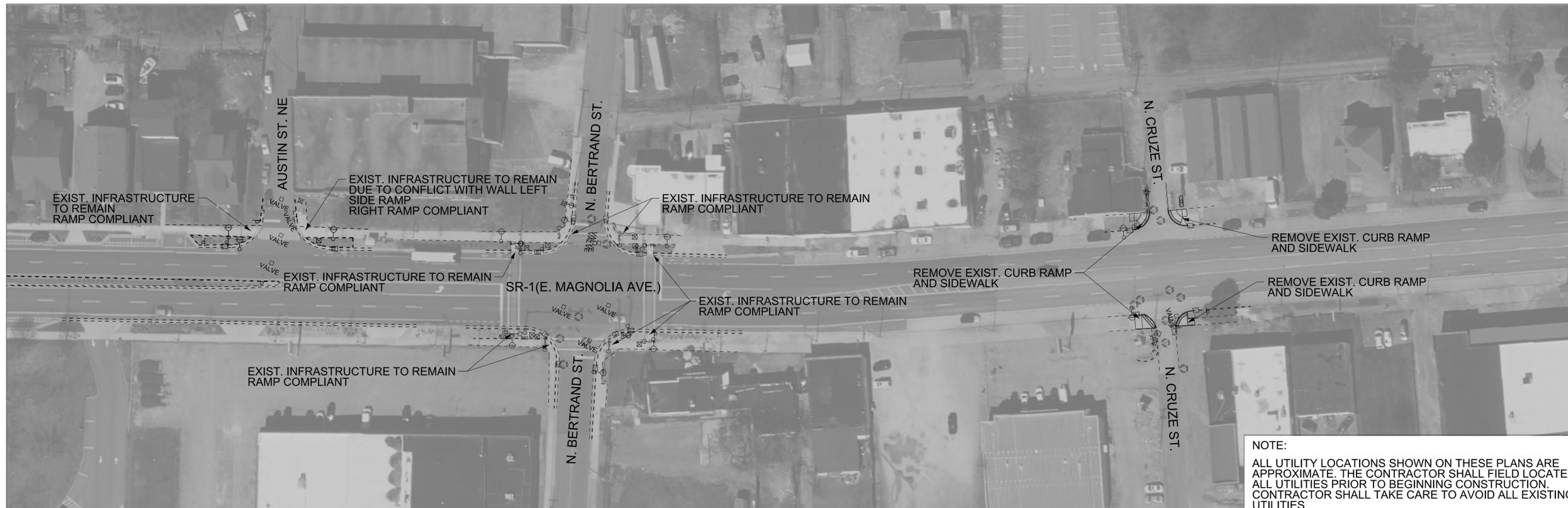
SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

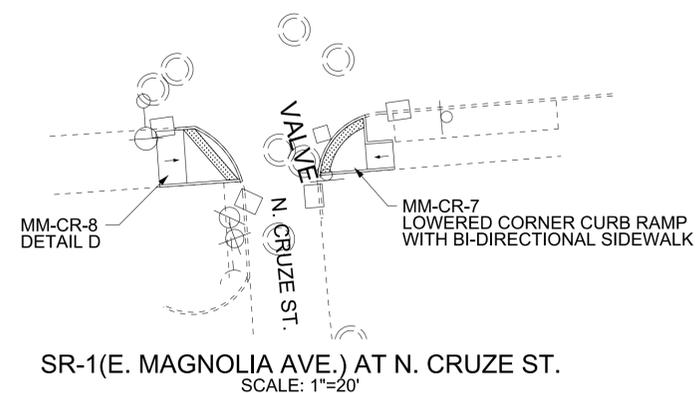
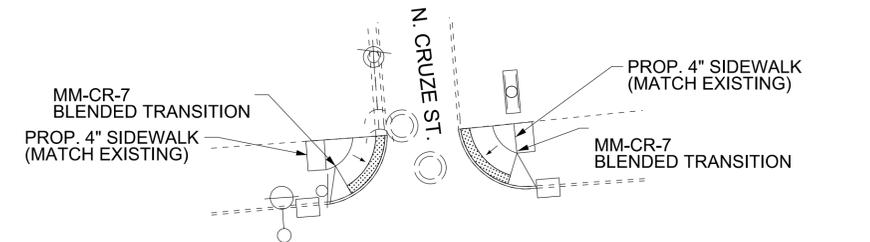
LAYOUT
 L.M. 21.60 TO L.M. 21.85

SCALE: 1"= 50'

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	38



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\$\$\$\$\$TIME\$\$\$\$\$
 \$\$\$DONSPEC\$\$\$\$\$

LEGEND			
	EXISTING SIGN		EXISTING FENCE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING GUY WIRE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

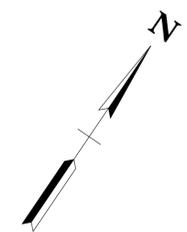
SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

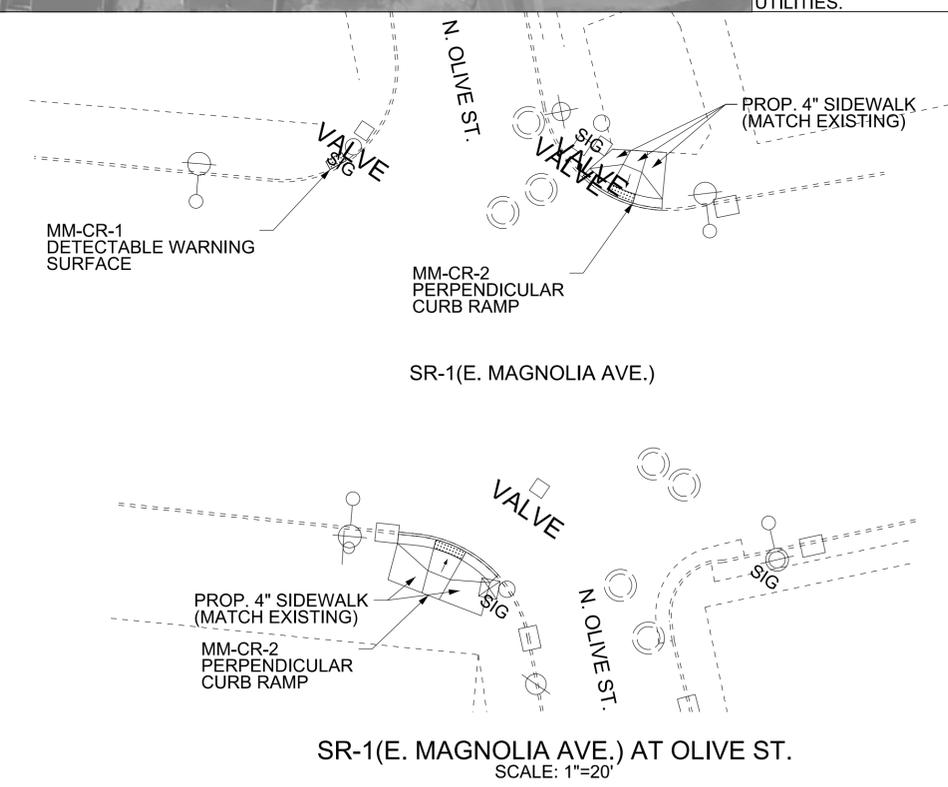
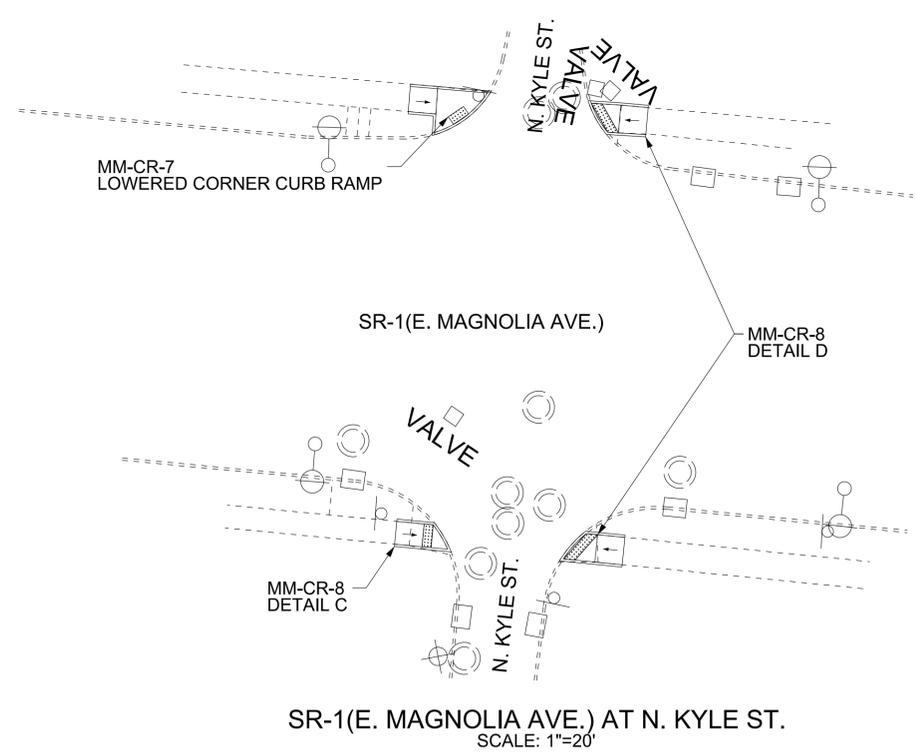
LAYOUT
 L.M. 21.85 TO L.M. 22.14

SCALE: 1"= 50'

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	39



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

LEGEND			
	EXISTING SIGN		EXISTING FENCE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING GUY WIRE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

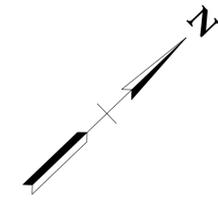
TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

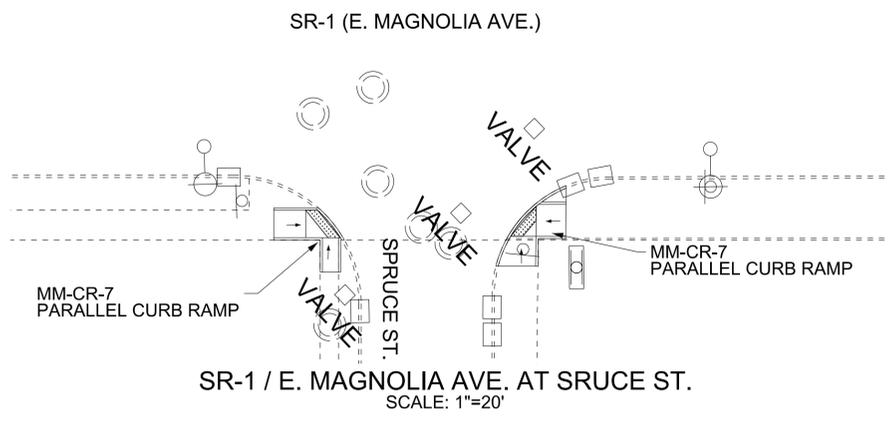
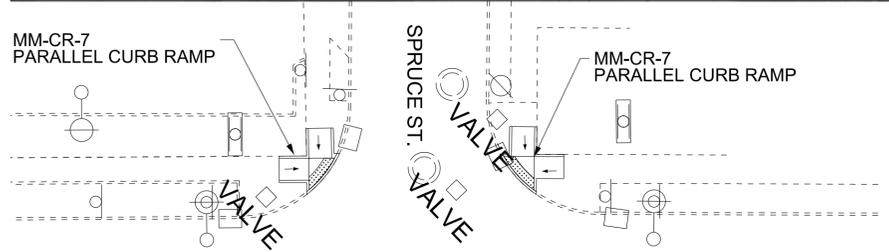
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT
L.M. 22.14 TO L.M. 22.40
SCALE: 1"= 50'

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	40



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LEGEND			
	EXISTING SIGN		EXISTING FENCE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING GUY WIRE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

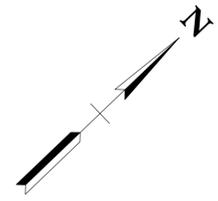
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT
 L.M. 22.39 TO L.M. 22.64

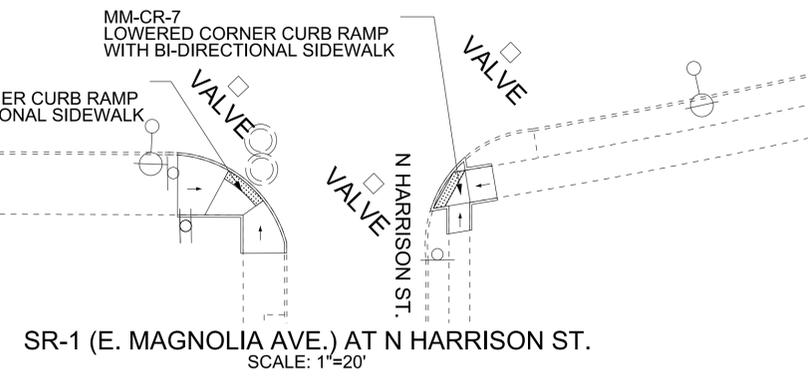
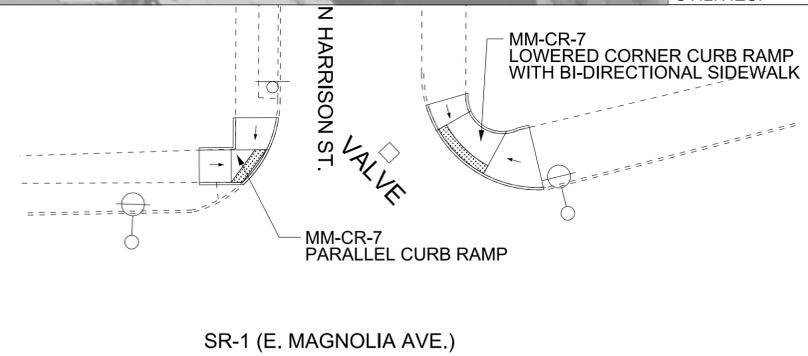
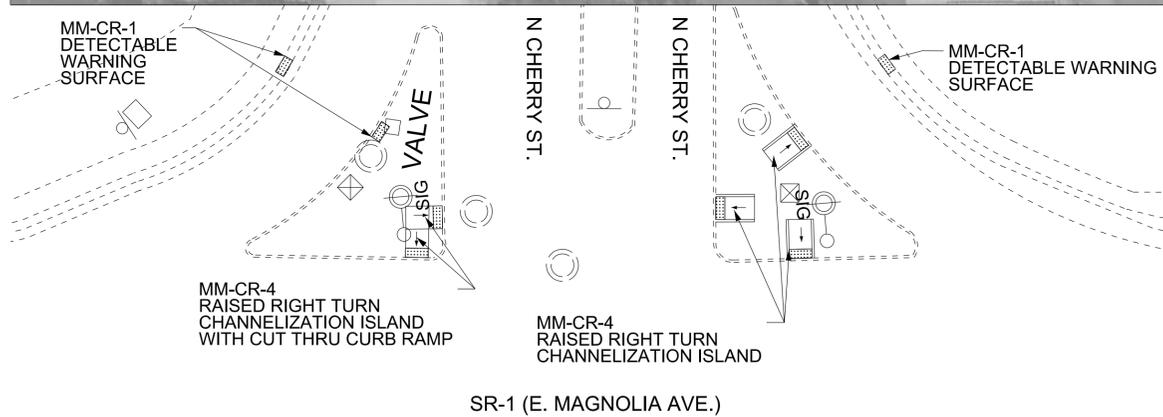
SCALE: 1"= 50'

\$\$\$\$\$TIMES\$\$\$\$\$
 \$\$\$\$\$CONSPICES\$\$\$\$\$

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	41



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\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DONSPE\$\$\$\$\$

LEGEND			
	EXISTING SIGN		EXISTING FENCE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING GUY WIRE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

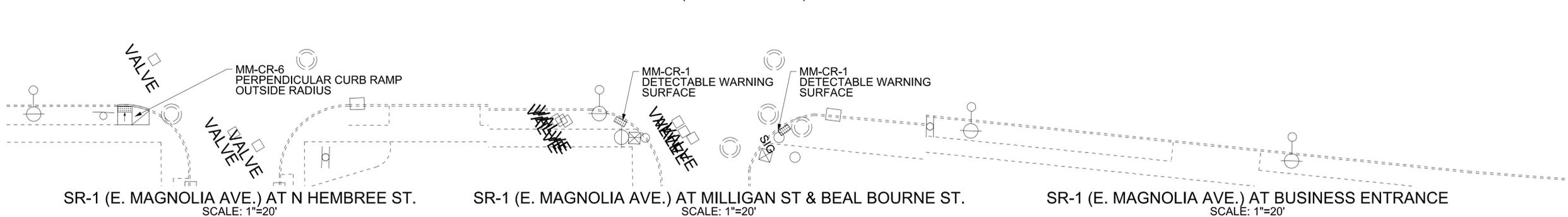
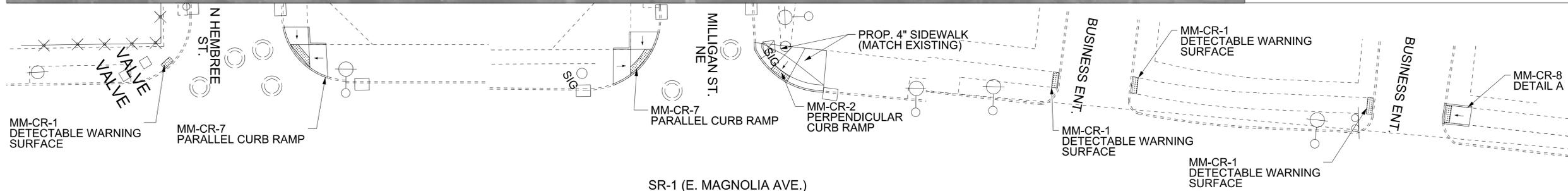
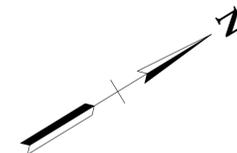
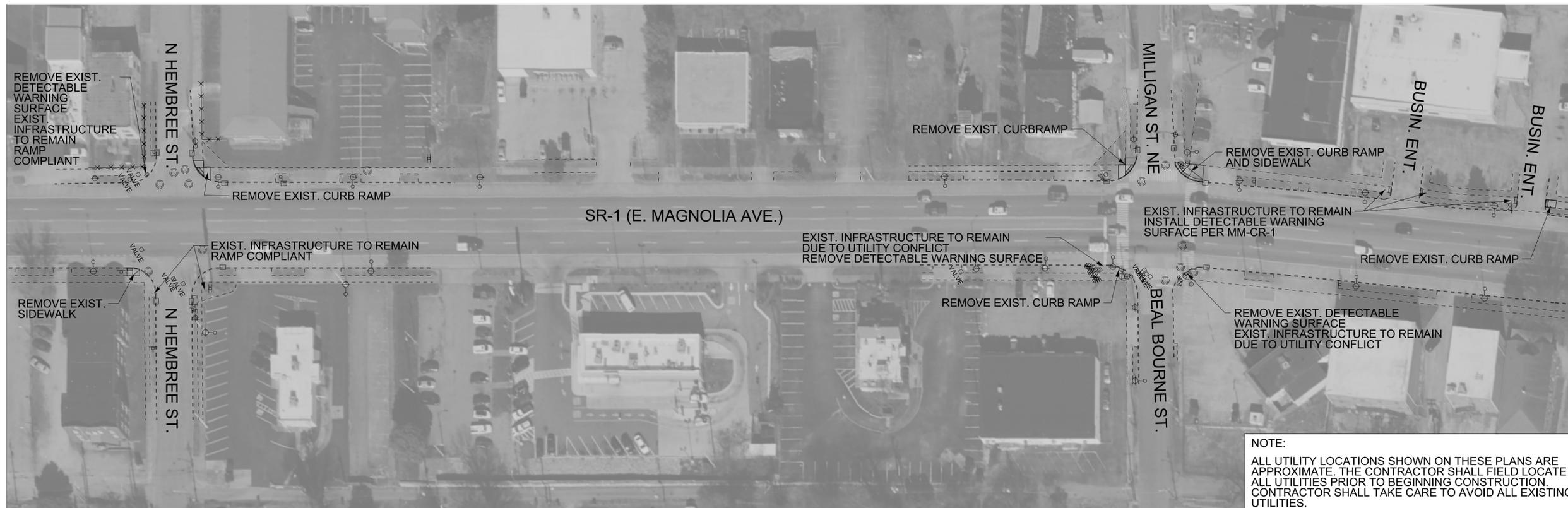
SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT
L.M. 22.73 TO L.M. 22.99

SCALE: 1"= 50'

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	42



LEGEND		
	EXISTING SIGN	
	EXISTING FIRE HYDRANT	
	EXISTING WATER/GAS VALVE	
	EXISTING MAIL BOX	
	EXISTING MANHOLE	
	EXISTING STORM INLET	
	EXISTING UTILITY POLE	
	EXISTING LIGHT POLE	
	EXISTING GUY WIRE	
	EXISTING SIGNAL CONTROL	
	EXISTING UTILITY BOX	
	DETECTABLE WARNING SURFACE	
	EXISTING GUARDRAIL	
	EXISTING SIGNAL POLE	
	EXISTING PED PUSHBUTTON	

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

SR-1
LOG MILE 20.41 TO LOG MILE 24.21
KNOX COUNTY

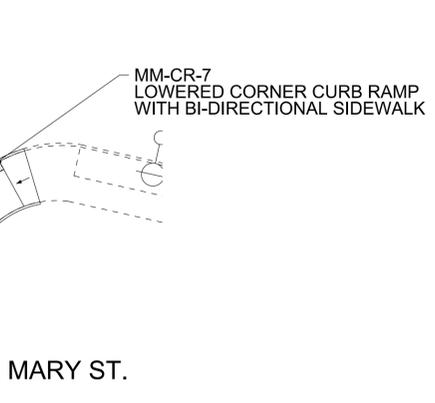
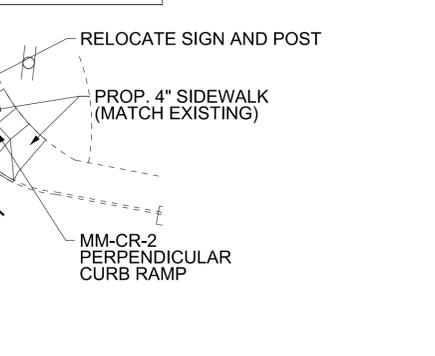
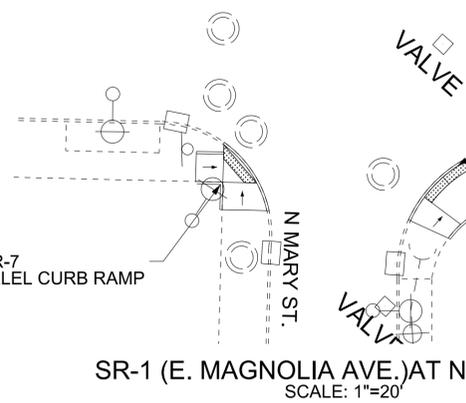
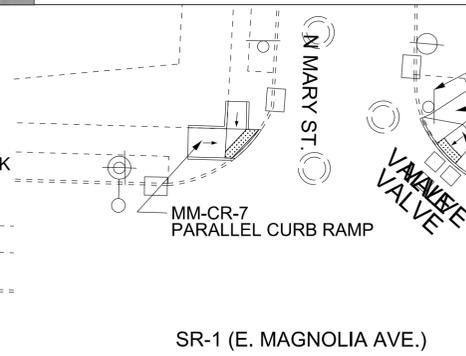
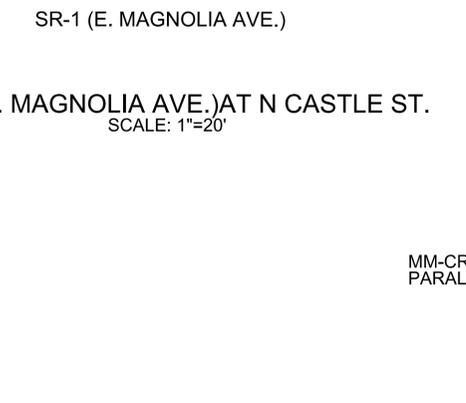
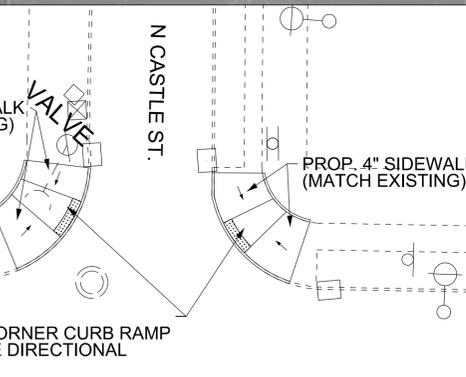
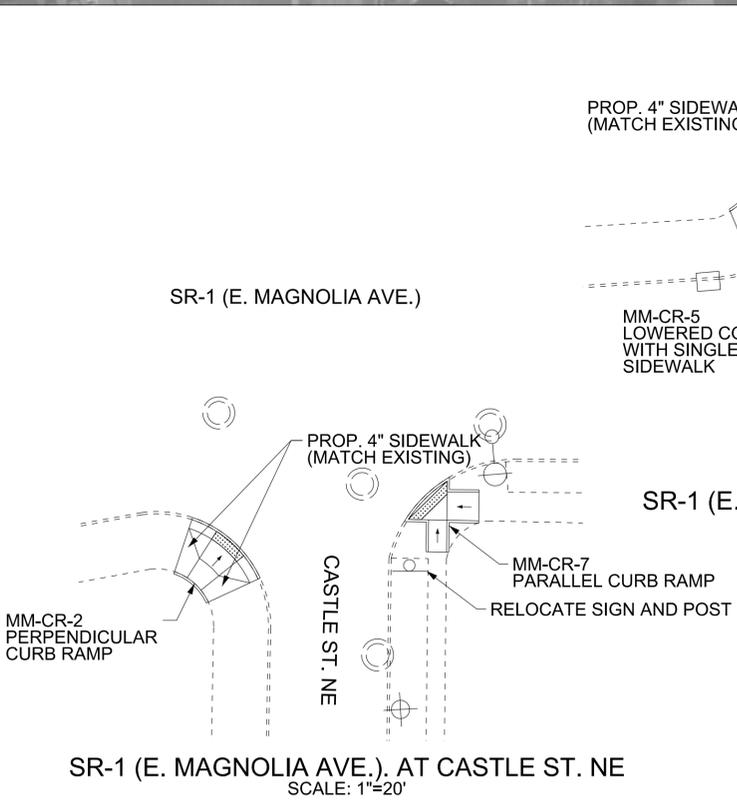
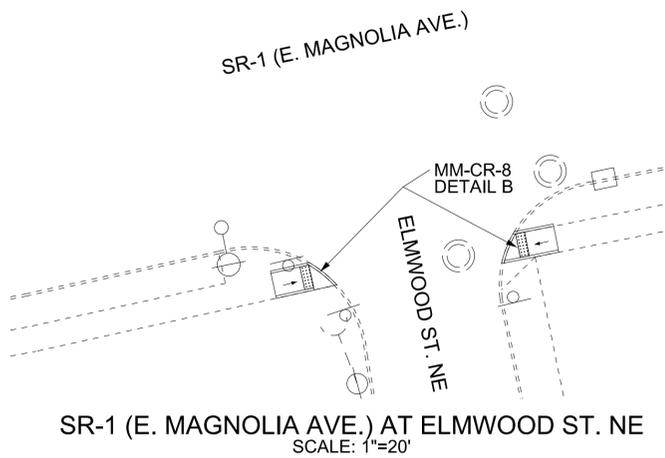
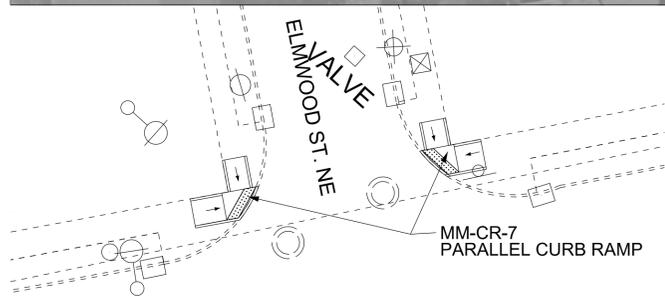
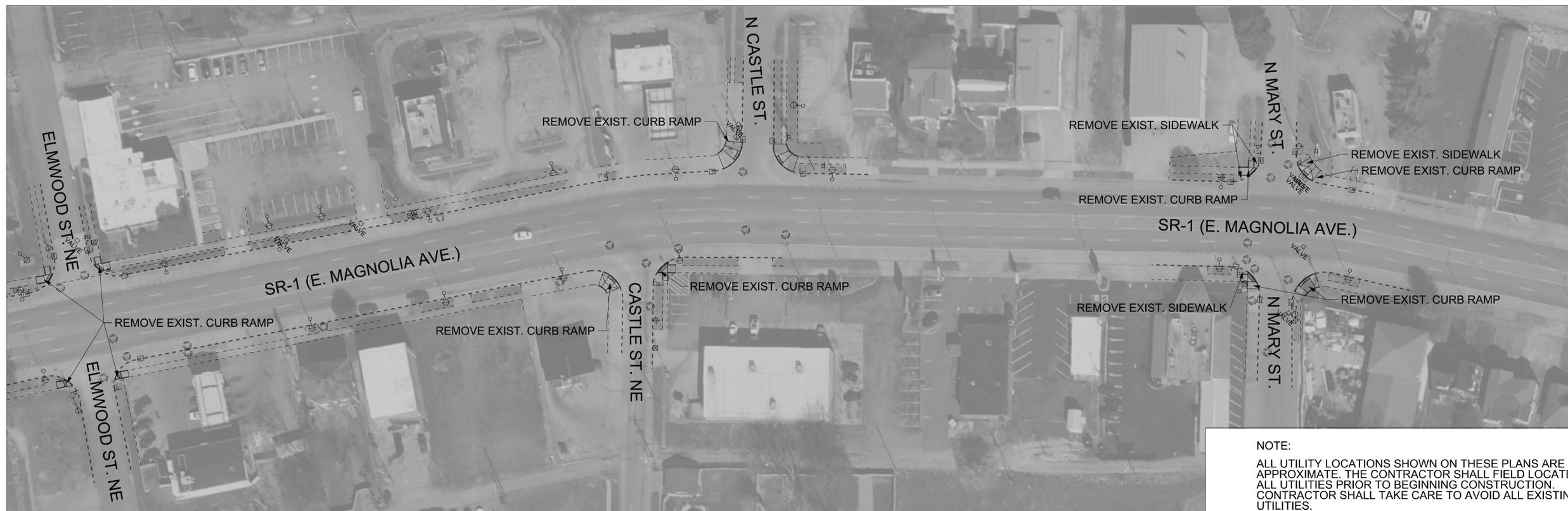
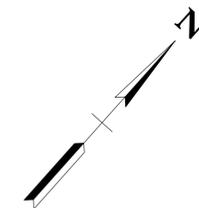
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT
L.M. 23.06 TO L.M. 23.32

SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	43



LEGEND		
	EXISTING SIGN	
	EXISTING FIRE HYDRANT	
	EXISTING WATER/GAS VALVE	
	EXISTING MAIL BOX	
	EXISTING MANHOLE	
	EXISTING STORM INLET	
	EXISTING UTILITY POLE	
	EXISTING LIGHT POLE	
	EXISTING GUY WIRE	
	EXISTING SIGNAL CONTROL	
	EXISTING UTILITY BOX	
	DETECTABLE WARNING SURFACE	
	EXISTING GUARDRAIL	
	EXISTING SIGNAL POLE	
	EXISTING PED PUSHBUTTON	

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

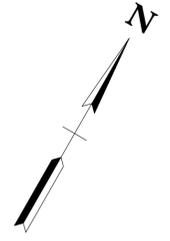
SR-1
LOG MILE 20.41 TO LOG MILE 24.21
KNOX COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

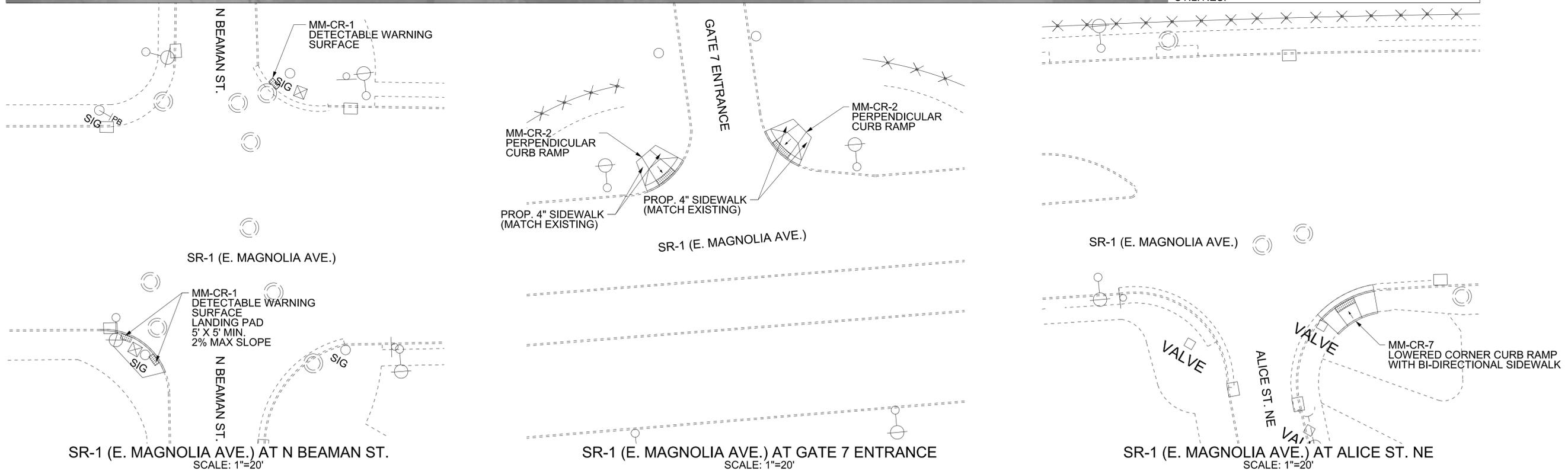
LAYOUT
L.M. 23.32 TO L.M. 23.56
SCALE: 1"= 50'

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DONSPEC\$\$\$\$\$

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	44



NOTE:
 ALL UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL TAKE CARE TO AVOID ALL EXISTING UTILITIES.



LEGEND			
	EXISTING SIGN		EXISTING FENCE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING GUY WIRE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

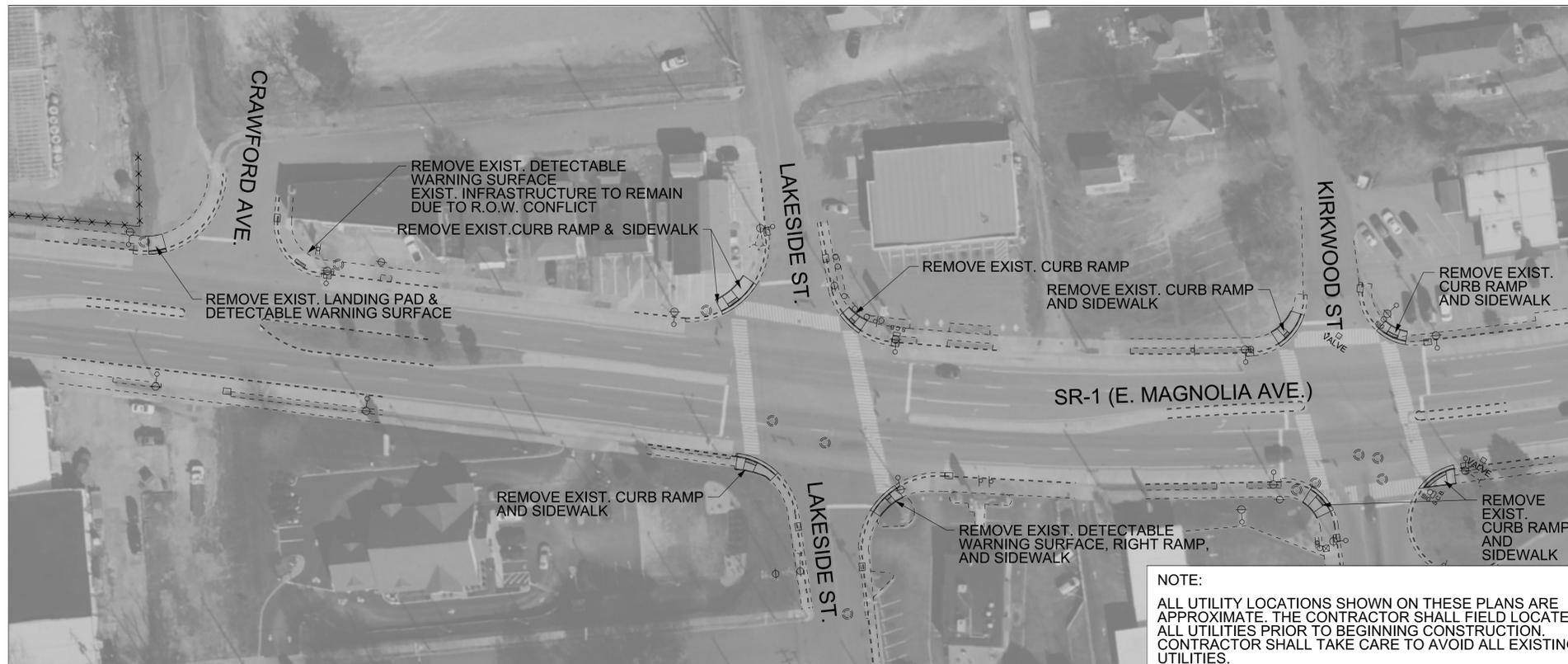
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT
 L.M. 23.59 TO L.M. 23.85

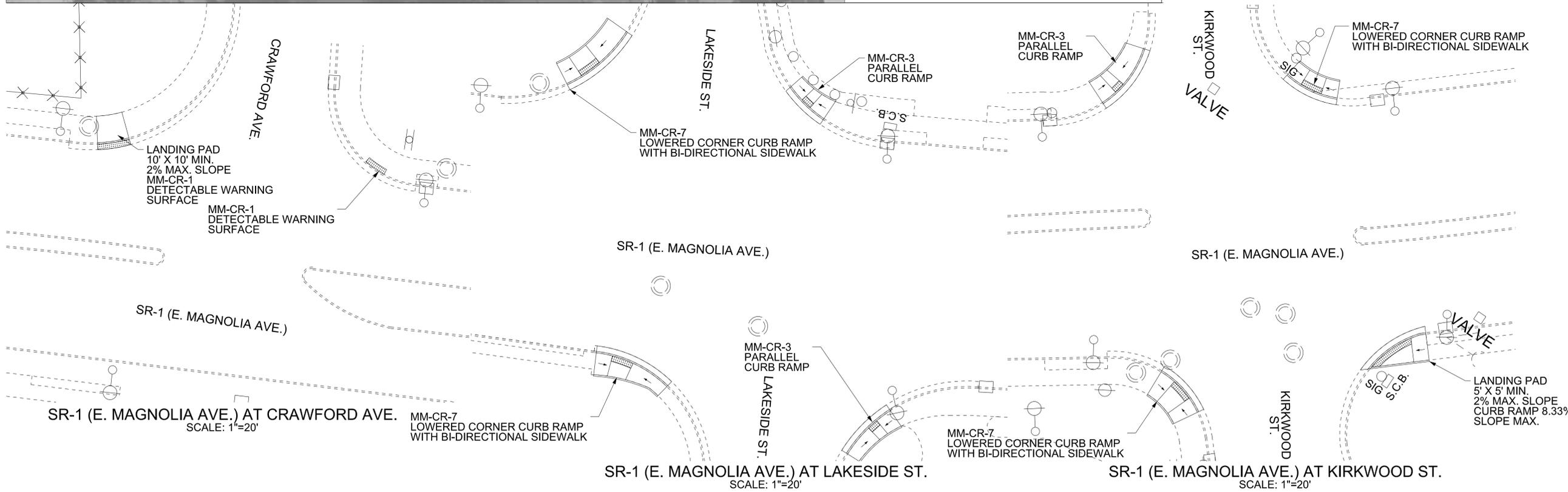
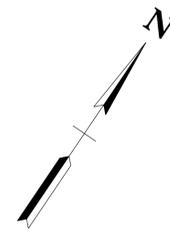
SCALE: 1"= 50'

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

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	45



NOTE:
 ALL UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL TAKE CARE TO AVOID ALL EXISTING UTILITIES.



LEGEND		
	EXISTING SIGN	
	EXISTING FIRE HYDRANT	
	EXISTING WATER/GAS VALVE	
	EXISTING MAIL BOX	
	EXISTING MANHOLE	
	EXISTING STORM INLET	
	EXISTING UTILITY POLE	
	EXISTING LIGHT POLE	
	EXISTING GUY WIRE	
	EXISTING SIGNAL CONTROL	
	EXISTING UTILITY BOX	
	DETECTABLE WARNING SURFACE	
	EXISTING GUARDRAIL	
	EXISTING SIGNAL POLE	
	EXISTING PED PUSHBUTTON	

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT
 L.M. 23.85 TO L.M. 24.10

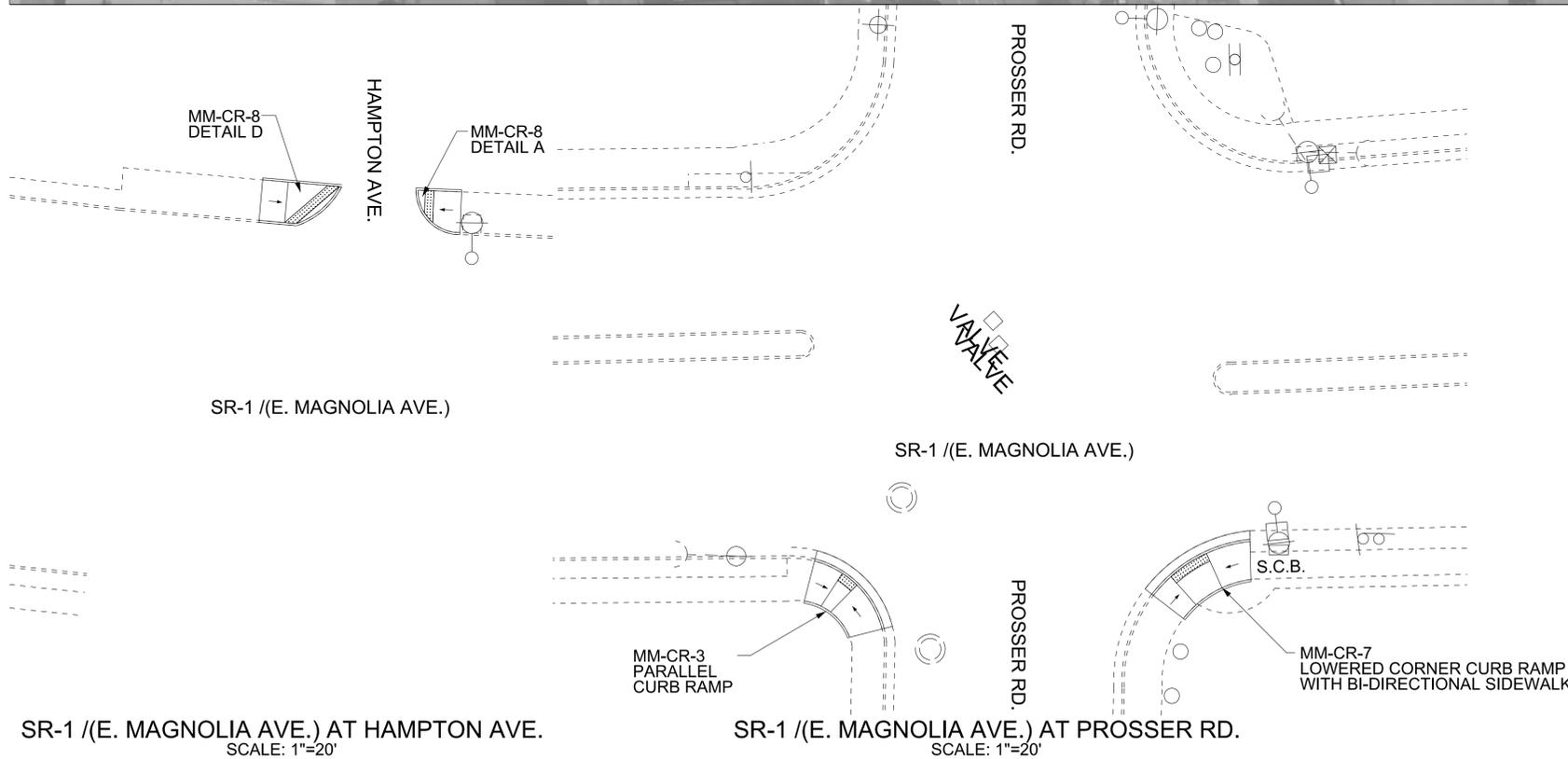
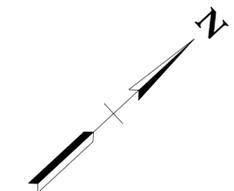
SCALE: 1"= 50'

\$\$\$\$\$TIMES\$\$\$\$\$
 \$\$\$\$\$ONSPE\$\$\$\$\$

TYPE	YEAR	PROJECT	FIGURE NO.
SAFETY	2025	R1SVAR-M3-051	46



NOTE:
ALL UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL TAKE CARE TO AVOID ALL EXISTING UTILITIES.



SR-1 (E. MAGNOLIA AVE.) AT HAMPTON AVE.
SCALE: 1"=20'

SR-1 (E. MAGNOLIA AVE.) AT PROSSER RD.
SCALE: 1"=20'

TDOT REGION 1 DISTRICT 18 CURB RAMP IMPROVEMENTS

SR-1 LOG MILE 20.41 TO LOG MILE 24.21 KNOX COUNTY

LEGEND			
	EXISTING SIGN		EXISTING FENCE
	EXISTING FIRE HYDRANT		PROP. STOP LINE
	EXISTING WATER/GAS VALVE		PROP. CROSS WALK
	EXISTING MAIL BOX		PROP. LONGITUDINAL CROSS WALK
	EXISTING MANHOLE		
	EXISTING STORM INLET		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING GUY WIRE		
	EXISTING SIGNAL CONTROL		
	EXISTING UTILITY BOX		
	DETECTABLE WARNING SURFACE		
	EXISTING GUARDRAIL		
	EXISTING SIGNAL POLE		
	EXISTING PED PUSHBUTTON		

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LAYOUT
L.M. 24.04 TO L.M. 24.21
SCALE: 1"= 50'

\$\$\$\$\$TIMES\$\$\$\$\$
\$\$\$\$\$DONSPECS\$\$\$\$\$