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CANNON & CANNON, INC.
 10025 INVESTMENT DRIVE, SUITE 120
 KNOXVILLE, TN 37932
 REBECCA BOTTOMS, P.E. NO. 102750

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 SHEETS.....	ROADWAY-SIGN1
TITLE SHEET.....	1
ROADWAY INDEX AND STANDARD ROADWAY AND TRAFFIC DESIGN DRAWINGS.....	1A
ESTIMATED ROADWAY QUANTITIES.....	2
GENERAL NOTES AND SPECIAL NOTES.....	2C
ENVIRONMENTAL NOTES.....	2E
RIGHT-OF-WAY ACQUISITION TABLE, UTILITY NOTES, AND UTILITY OWNERS.....	3
PRESENT LAYOUT(S).....	7 – 11
PROPOSED LAYOUT(S).....	7A – 11A
EROSION PREVENTION AND SEDIMENT CONTROL PLANS.....	12 - 12B, 13 – 14D
TRAFFIC CONTROL PLANS.....	T1 – T3



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:
Derick Williams 2025.11.11 15:05:49 -05'00'

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CANNON & CANNON, INC.
 10025 INVESTMENT DRIVE, SUITE 120
 KNOXVILLE, TN 37932
 DERICK WILLIAMS, P.E. NO. 124858

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 SHEETS.....	ROADWAY-SIGN1
ESTIMATED ROADWAY QUANTITIES.....	2
CONTROL CENTER DETAILS & CIRCUIT DIAGRAMS.....	4 – 6
PROPOSED LAYOUT(S).....	7A – 11A

YEAR	PROJECT NO.	SHEET NO.
2026	CRP-1-24-2(193)	ROADWAY-SIGN 1



**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

**SIGNATURE
 SHEET**

\$\$\$DATE\$\$\$\$\$\$\$TIMES\$\$\$\$\$
 C:\USERS\BBOTTOMS\DOCUMENTS\MY WORK FOLDER\00212-0026.1\0103-DRAWINGS\02-TRANSPORTATION\3-PIH161024-00-SHT-ROADWAY SIGNATURE-1.DGN

SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

COFFEE COUNTY

I-24,
INTERCHANGES AT SR-2 AND SR-53 (FM)

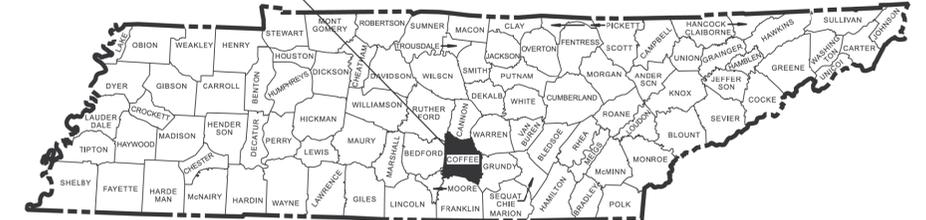
PS&E
INTERCHANGE LIGHTING

STATE HIGHWAY NO. I-24 F.A.H.S. NO. I-24

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

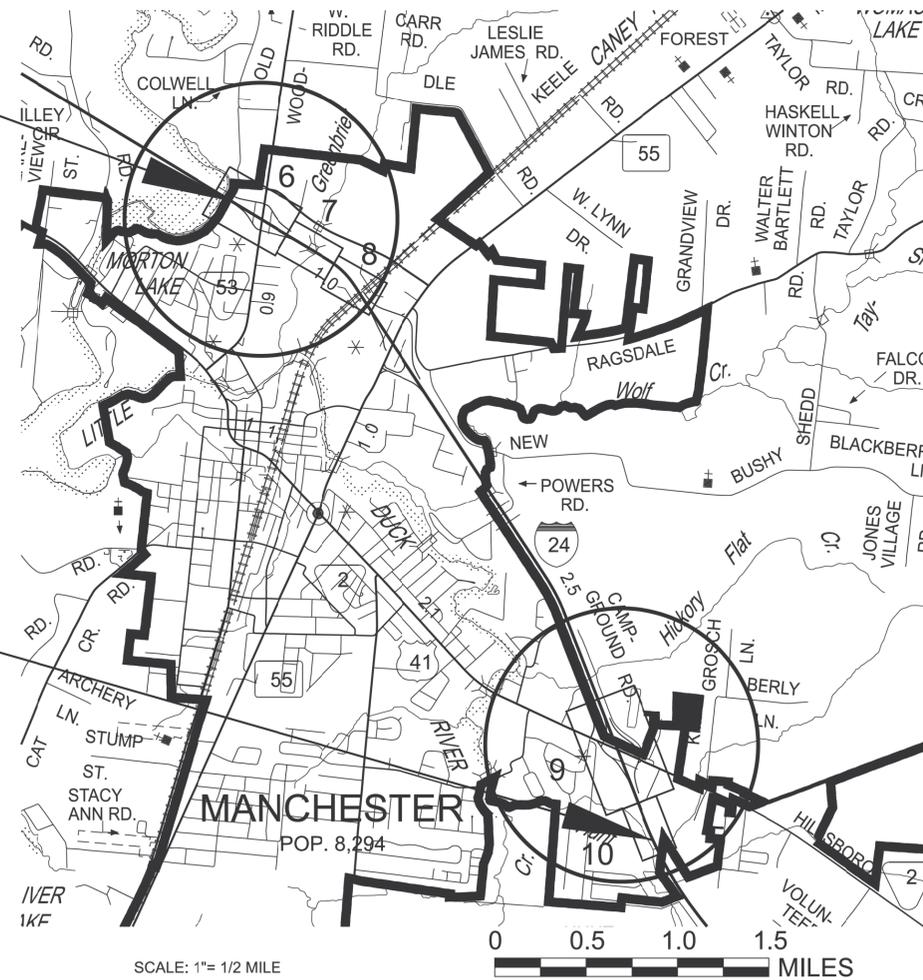
TENN.	YEAR	SHEET NO.
	2026	1
FED. AID PROJ. NO.	CRP-I-24-2(193)	
STATE PROJ. NO.	16I024-F3-006	

PROJECT LOCATION
16I00240023, 16I00240017

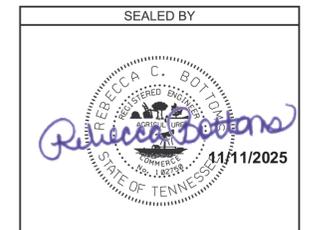


16I024-F3-006
BEGIN PROJECT NO. CRP-I-24-2(193) CONST.
I-24 AT SR-53 (EXIT 110) L.M. 13.000

16I024-F3-006
END PROJECT NO. CRP-I-24-2(193) CONST.
I-24 AT SR-2 (EXIT 114) L.M. 17.253



NO EXCLUSIONS



APPROVED: 
SHANE HESTER, P.E., CHIEF ENGINEER

DATE: _____

APPROVED: 
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 : ROB HOWARD
DESIGNED BY : CANNON & CANNON, INC. (AN ARDURRA COMPANY)
DESIGNER : KRISTEN THEILMANN, E.I. CHECKED BY REBECCA BOTTOMS, P.E., PTOE
P.E. NO. 16I024-F1-006 (DESIGN)
PIN NO. 134917.00

PROJECT LENGTH (SR-53) 1.042 MILES
PROJECT LENGTH (SR-2) 0.712 MILES
TOTAL PROJECT LENGTH 1.754 MILES

SURVEY 06-25-24	TRAFFIC DATA	
	ADT (2026)	51,740
	ADT (2046)	78,140
	DHV (2046)	6,253
	D	50 - 50
	T (ADT)	35%
	T (DHV)	23%
	V	70 MPH

COORDINATES ARE NAD/83(1995) (2011 ADJUSTMENT) ADJUSTED BY THE FACTOR OF 1.00000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING GEOID 18

\$\$\$DATE\$\$\$\$\$\$\$TIME\$\$\$\$\$\$\$TITLE.DGN
 C:\BOOKER01_ACTIVE\TDOT\2436\COFFEE01_124 AT SR 2 AND SR 53 INTERCHANGE LIGHTING\01A_FUNCTIONAL.DGN FILES\16I024-00-SHT-TITLE.DGN

ROADWAY INDEX

STANDARD ROADWAY DRAWINGS

STANDARD TRAFFIC DESIGN DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	1A
PS&E	2026	CRP-I-24-2(193)	1A

SHEET NAME	SHEET NO.
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TRAFFIC CONTROL PLANS	T1 – T3
UTILITIES PLANS.....	U1-1

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

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

DWG.	REV.	DESCRIPTION
RD-TP-1	10-01-24	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
RD-L-2	02-20-20	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-3	03-01-23	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-4	10-01-24	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-5	07-30-24	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL

10-105.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

S-F-1	03-01-23	HIGH VISIBILITY FENCE
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10-108.00 EROSION PREVENTION AND SEDIMENT CONTROL

EC-STR-37	06-10-14	SEDIMENT TUBE
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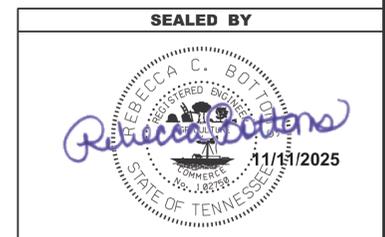
10-202.00 LIGHTING AND UTILITY POLES

DWG.	REV.	DESCRIPTION
T-L-1	07-15-24	STANDARD LIGHTING FOUNDATION DETAILS
T-L-1SA	07-15-24	STANDARD LIGHTING DETAILS FOR SINGLE ARM SUPPORTS
T-L-3	07-15-24	STANDARD LIGHTING DETAILS PULL BOXES
T-L-4	07-15-24	STANDARD LIGHTING DETAILS CONDUIT, CABLE INSTALLATION

10-204.00 DESIGN - TRAFFIC CONTROL

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-15	03-26-25	INTERIOR LANE CLOSURE FOR EXPRESSWAYS AND FREEWAYS
T-WZ-18	03-26-25	SHOULDER CLOSURE DETAIL FOR FREEWAYS AND DIVIDED HIGHWAYS
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD

\$\$\$DATE\$\$\$\$\$\$\$TIME\$\$\$\$\$\$\$
 C:\PROGRAMDATA\BENTLEY\OPENROADS DESIGNER CE\CONFIGURATION\ORGANIZATION\CIVIL\DOT_STANDARD\SHEET BORDERS\DOT_BORDERS.DGN



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

 ROADWAY INDEX AND
 STANDARD ROADWAY
 AND TRAFFIC DESIGN
 DRAWINGS

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.

SEEDING AND SODDING

- (4) ITEM NO. 801-01, SEEDING (WITH MULCH), SHALL BE USED WHERE EROSION CONTROL BLANKET OR SOD ARE NOT APPLIED.

MISCELLANEOUS

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

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

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

ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

- (7) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (9) THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING CONSTRUCTION SIGNS. THE COST OF THIS WORK SHALL BE INCLUDED IN ITEM NO. 712-06, SIGNS (CONSTRUCTION), S.F.

LIGHTING

- (1) INSTALLATION AND MATERIALS SHALL COMPLY WITH SECTIONS 714 AND 917 OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 1, 2021 AND WITH THE LATEST REVISIONS TO THE NATIONAL ELECTRIC CODE, NFPA 70.
- (2) ALL WIRING SHALL BE CONCEALED UNDERGROUND IN 2-INCH SCHEDULE 40 PVC RIGID CONDUIT.
- (4) EXISTING FOUNDATIONS TO BE REMOVED A MINIMUM OF SIX INCHES BELOW GRADE.
- (5) ALL INCIDENTAL EQUIPMENT AND MATERIAL REQUIRED FOR THE SUCCESSFUL EXECUTION OF THIS WORK SHALL BE FURNISHED IN 714 ITEMS WHETHER SPECIFICALLY NOTED OR NOT.
- (6) LIGHT STANDARDS SHALL BE ROUND TAPERED POLES. LENGTH SHALL BE DETERMINED BY REQUIRED MOUNTING HEIGHT.
- (7) STANDARDS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.
- (9) ALL NEW ROADWAY LIGHT STANDARDS SHALL BE MOUNTED ON BASES WITH ACCESS DOOR. TRANSFORMER BASES SHALL MEET AASHTO SPECIFICATIONS AND HAVE FHWA APPROVAL. STANDARDS SHALL BE ALUMINUM WITH TRANSFORMER BASES.
- (10) BRACKET ARMS SHALL BE ROUND TAPERED TRUSS TYPE WITH STRAP MOUNTING AND LENGTHS AS SCHEDULED.
- (11) BRACKET ARM UPSWEEP SHALL BE THE SAME FOR ALL LIGHT STANDARDS OF THE SAME TYPE.

SPECIAL NOTES

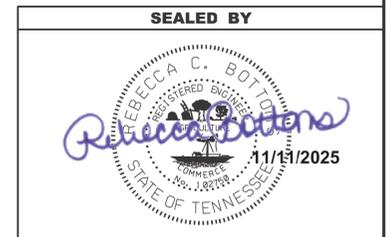
LIGHTING

- (1) STANDARDS SHALL BE DESIGNED FOR 120-MPH WIND PRESSURE AND SHALL SUPPORT THE ROADWAY LUMINAIRE.
- (2) POLE LOCATIONS MAY BE ADJUSTED UP TO 5'. ANY ADJUSTMENT GREATER THAN 5' SHALL BE APPROVED BY THE ENGINEER.
- (3) LUMINAIRE MOUNTING HEIGHTS REPRESENT THE VERTICAL DISTANCE FROM THE ROADWAY SURFACE TO THE BOTTOM OF THE LUMINAIRE LIGHT SOURCE. POLE LENGTH MAY NOT BE THE SAME AS THE LUMINAIRE MOUNTING HEIGHT DUE TO BRACKET ARM UPSWEEP, MOUNTING LOCATION, AND TOPOGRAPHY. CONTRACTOR TO VERIFY POLE LENGTHS PRIOR TO ORDERING POLES.
- (4) THE GROUND WIRE SHALL BE RUN INSIDE CONDUIT WITHIN STRUCTURES, SHALL BE COLORED GREEN AND HAVE THHN INSULATION.
- (5) ALL LIGHTS IN THE DESIGN PLAN SHALL BE GROUNDED BACK AT THE CONTROL CENTER GROUND BAR. THIS WILL INCLUDED PULLING A NEW #8CU THHN (COATED GREEN) GROUND WIRE PER CIRCUIT THROUGHOUT THE PROJECT IF THIS #8CU GROUND WIRE IS NOT PRESENT IN THE SYSTEM.
- (6) SOME UTILITIES MAY REQUIRE LOCATION BY HAND DIGGING PRIOR TO PROPOSED LIGHT POLE INSTALLATION.
- (7) SALVAGEABLE MATERIAL SHALL BE STOCKPILED ON THE JOBSITE FOR PICKUP BY THE CITY OF MANCHESTER. SALVAGEABLE MATERIAL INCLUDES LIGHT STANDARDS, LUMINAIRES, AND REMOVED CONTROL CENTER EQUIPMENT. CONTACT GEORGE GANNON AT (931) 581-7005 FOR PICKUP. NON-SALVAGEABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR REMOVAL AND DISPOSAL.
- (8) ONLY QUALIFIED MANUFACTURERS WILL MANUFACTURE THE SPECIFIED POLES. RESPONSIBILITY FOR COMPLIANCE WITH THE SPECIFICATIONS

REMAINS WITH THE CONTRACTOR. THE MANUFACTURER WILL SUPPLY A CERTIFICATE OF COMPLIANCE TO SPECIFICATION BY AN INDEPENDENT TESTING LABORATORY HIRED BY THE MANUFACTURER AND APPROVED BY THE STATE.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-1-24-2(193)	2C
PS&E	2026	CRP-1-24-2(193)	2C

\$\$\$DATE\$\$\$\$\$\$\$TIME\$\$\$\$\$\$ C:\PROGRAMDATA\BENTLEY\OPENROADS DESIGNER CE\CONFIGURATION\ORGANIZATION\CIVIL\DOT_STANDARDS\SHEET BORDERS\DOT_BORDERS.DGN



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
AND
SPECIAL NOTES

ENVIRONMENTAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

- (1) SOIL MATERIALS MUST BE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. EPSC MEASURES TO PROTECT NATURAL RESOURCES AND WATER QUALITY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. APPROPRIATE EPSC MEASURES MUST BE INSTALLED ALONG THE BASE OF ALL FILLS AND CUTS, ON THE DOWNHILL SIDE OF STOCKPILED SOIL, AND ALONG NATURAL RESOURCES IN CLEARED AREAS TO PREVENT SEDIMENT MIGRATION INTO STREAMS, WETLANDS OR OTHER NATURAL FEATURES IN ACCORDANCE WITH TDOT STANDARDS. EPSC MEASURES SHALL BE INSTALLED ON THE CONTOUR, ENTRENCHED AND STAKED, AND EXTEND THE WIDTH OF THE AREA TO BE CLEARED.
- (2) NEW CHANNEL CONSTRUCTION SHALL BE COMPLETED IN THE DRY AND STABILIZED FOR AT LEAST 72 HOURS PRIOR TO DIVERTING WATER FROM THE EXISTING AND/OR TEMPORARY CHANNEL.
- (3) INSTREAM EPSC DEVICES REQUIRE THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION REVIEW AND MUST BE PROCESSED BY THE PERMITS SECTION TO OBTAIN WATER QUALITY PERMITS.
- (4) THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS AND EPHEMERAL, INTERMITTENT, AND PERENNIAL STREAMS, IS NOT ALLOWED.
- (5) THE WIDTH OF THE FILL ASSOCIATED WITH TEMPORARY CROSSINGS SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR THE ACTUAL CROSSING, NOT TO EXCEED THE WIDTH SPECIFIED IN THE STANDARD DRAWING.
- (6) STREAM BEDS SHALL NOT BE USED AS TRANSPORTATION ROUTES FOR CONSTRUCTION EQUIPMENT. TEMPORARY CULVERT CROSSINGS SHALL BE LIMITED TO ONE POINT PER STREAM AND EPSC MEASURES SHALL BE USED WHERE THE STREAM BANKS ARE DISTURBED. WHERE THE STREAMBED IS NOT COMPOSED OF BEDROCK, A PAD OF CLEAN ROCK SHALL BE USED AT THE CROSSING POINT AND CULVERTED TO PREVENT THE IMPOUNDMENT OF WATER FLOW. CLEAN ROCK IS ROCK OF VARIOUS TYPE AND SIZE, DEPENDING UPON APPLICATION, WHICH CONTAINS NO FINES, SOILS, OR OTHER WASTES OR CONTAMINANTS. OTHER MATERIALS USED FOR ALL TEMPORARY FILLS SHALL BE COMPLETELY REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED AND THE AFFECTED AREAS RETURNED TO PREEXISTING ELEVATIONS. ALL TEMPORARY CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DWG. EC-STR-25 UNLESS SPECIFICALLY ADDRESSED IN THE EPSC PLANS. ALTERNATIVELY, PLACING A TEMPORARY BRIDGE (E.G. BAILEY BRIDGE OR EQUIVALENT, TIMBERS, ETC.) FROM TOP OF BANK TO TOP OF BANK OR THE APPROPRIATE USE OF BARGES AT THE CROSSING TO AVOID DISTURBANCE OF THE STREAMBED IS AN ACCEPTABLE OPTION.
- (7) HEAVY EQUIPMENT WORKING IN WETLANDS WITH PERMITTED TEMPORARY IMPACTS SHALL BE PLACED ON MATS, OR OTHER MEASURES MUST BE TAKEN TO MINIMIZE SOIL DISTURBANCE AND COMPACTION UNLESS SPECIFICALLY ADDRESSED IN THE CONSTRUCTION PLANS. ANY MATS AND OTHER MEASURES USED FOR HEAVY EQUIPMENT SHALL BE REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED. ALL AFFECTED AREAS SHOULD BE RETURNED TO PRE-EXISTING CONDITIONS.
- (8) WETLANDS SHALL NOT BE USED AS EQUIPMENT STORAGE, STAGING, OR TRANSPORTATION AREAS, UNLESS SPECIFICALLY PROVIDED FOR IN THE CONSTRUCTION PLANS AND PERMITS.
- (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

- (10) NO ACTIVITY MAY SUBSTANTIALLY DISRUPT THE MOVEMENT OF THOSE SPECIES OF AQUATIC LIFE INDIGENOUS TO THE WATER BODY, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA.
- (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

- (13) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND OBTAIN ANY NECESSARY ENVIRONMENTAL PERMITS OR APPROVALS, INCLUDING BUT NOT LIMITED TO ARCHAEOLOGY, ECOLOGY, HISTORICAL, HAZARDOUS MATERIALS, AIR AND NOISE, TDEC ARAP/401, USACE SECTION 404, TVA SECTION 26A, AND TDEC NPDES PERMITS, FROM FEDERAL, STATE AND/OR LOCAL AGENCIES REGARDING ANY MATERIAL AND STAGING AREAS AND THE OPERATION OF ANY PROJECT-DEDICATED ASPHALT AND/OR CONCRETE PLANTS TO BE USED. ANY SUCH PERMITS SHALL BE SUPPLIED TO THE TDOT PROJECT RESPONSIBLE PARTY PRIOR TO THE USE OF THE PERMITTED AREA(S).
- (14) ANY DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, THE PROJECT AS CONSTRUCTED, AND THE PERMIT(S) ISSUED FOR THE PROJECT, SHALL BE BROUGHT TO THE ATTENTION OF THE TDOT PROJECT RESPONSIBLE PARTY. THE ENVIRONMENTAL DIVISION, DESIGN DIVISION, AND HEADQUARTERS CONSTRUCTION OFFICE SHALL BE CONTACTED IN THESE INSTANCES AND DECIDE WHICH HAS PRECEDENCE AND WHETHER PERMIT OR PLANS REVISIONS ARE NEEDED. IN GENERAL, PERMIT CONDITIONS WILL PREVAIL.
- (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.
- (16) THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATE. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE TDOT PROJECT RESPONSIBLE PARTY TO COMMENCE PERMIT RENEWAL PROCESS.
- (17) ALL WATER QUALITY PERMITS SHALL BE POSTED NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE ACCESSIBLE TO THE PUBLIC. THE NAME, COMPANY NAME, EMAIL ADDRESS, TELEPHONE NUMBER AND ADDRESS OF THE PROJECT SITE OWNER, OPERATOR, OR A LOCAL CONTACT PERSON WITH A BRIEF DESCRIPTION OF THE PROJECT SHALL ALSO BE POSTED. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE, THE INFORMATION SHALL BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION NEAR WHERE THE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY. THIS LOCATION SHALL BE POSTED AT THE CONSTRUCTION SITE. ALL POSTINGS SHALL BE MAINTAINED IN LEGIBLE CONDITION.

SUPPORT ACTIVITIES

- (18) MATERIALS AND STAGING AREAS SHALL NOT AFFECT ANY WATERS OF THE STATE/U.S. UNLESS THESE AREAS ARE SPECIFICALLY COVERED BY ENVIRONMENTAL PERMITS, OBTAINED SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATES. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE TDOT PROJECT RESPONSIBLE PARTY TO COMMENCE PERMIT RENEWAL PROCESS.

ENVIRONMENTAL

- (20) EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

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

ECOLOGY

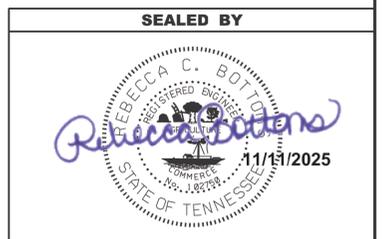
- (2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ADVISE THE CONTRACTOR DURING THE PRECONSTRUCTION MEETING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR A DESIGNATED CONSULTANT WILL NEED TO BE ONSITE FOR WORK BEING DONE WHICH COULD AFFECT WATERS OF THE STATE/U.S. OR SPECIES.
- (3) STAFF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

SCOPE OF WORK

- (1) THIS PROJECT INCLUDES THE REPLACEMENT OF HPS LUMINAIRES WITH LED LUMINAIRES, DAMAGED OR MISSING STANDARDS AND PULL BOXES WITH NEW STANDARDS AND PULL BOXES, AND INSTALLATION OF NEW CONDUIT IN AREAS OF DAMAGED CONDUIT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	2E
PS&E	2026	CRP-I-24-2(193)	2E

\$\$\$DATE\$\$\$\$\$\$\$TIME\$\$\$\$\$\$\$ C:\PROGRAMDATA\BENTLEY\OPENROADS DESIGNER CE\CONFIGURATION\ORGANIZATION\CIVIL\TDOT_STANDARD\SSHEET BORDERS\TDOT_BORDERS.DGN



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL
NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	3
PIH	2025	CRP-I-24-2(193)	3
PS&E	2026	CRP-I-24-2(193)	3

R.O.W. ACQUISITION TABLE																		
TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA (ACRES)			AREA TO BE ACQUIRED (ACRES)			AREA REMAINING (ACRES)		EASEMENT (SQUARE FEET)				
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM DRAINAGE	SLOPE	CONST	AIR RIGHTS	PERM RAILROAD
				BOOK	PAGE													
NO PROPERTY TO BE ACQUIRED																		
ACQUISITION TOTALS (ACRES)																		

UTILITY

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.

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

UTILITY OWNERS

WATER AND SEWER:
 CITY OF MANCHESTER
 200 WEST FORT STREET
 MANCHESTER, TN 37355
 CONTACT: KEVIN RANEY
 PHONE: (931) 728-7171
 FAX: (931) 728-1563
 EMAIL: RANEY333@CITYOFMANCHESTERTN.COM

ELECTRIC:
 DUCK RIVER ELECTRIC MEMBERSHIP CORP.
 1411 MADISON STREET
 SHELBYVILLE, TN 37160
 CONTACT: CHRIS WADE
 PHONE: (931) 680-5845
 FAX: (931) 685-0013
 EMAIL: CWADE@DREMC.COM

GAS:
 ELK RIVER PUBLIC UTILITY DISTRICT
 P.O. BOX 970
 TULLAHOMA, TN 37388
 CONTACT: LEVOID BALTIMORE
 PHONE: (931) 455-9311
 FAX: (931) 455-8911
 EMAIL: LBALTIMORE@ERPUD.COM

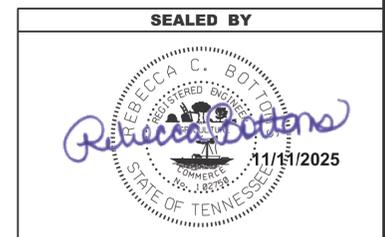
TELEPHONE:
 BELLSOUTH DBA AT&T
 116 SOUTH CANNON AVENUE
 MURFREESBORO, TN 37129
 CONTACT: KENNETH LEE KORNEGAY
 PHONE: (615) 848-2082
 FAX: (615) 214-8805
 EMAIL: KK4096@ATT.COM

CATV:
 CHARTER COMMUNICATIONS
 851 S. WILLOW AVENUE, SUITE 206
 COOKVILLE, TN 38501
 CONTACT: MORGAN WILCHER
 FAX: (931) 239-9222
 EMAIL: MORGAN.WILCHER@CHARTER.COM

FIBER OPTICS:
 CENTURY LINK / LUMEN
 PLANS DISTRIBUTION
 2530 PERIMETER PLACE DRIVE
 NASHVILLE, TN 37214
 PHONE: (615) 263-1128
 EMAIL: RELOCATIONS@CENTURYLINK.COM

STREET LIGHTS:
 CITY OF MANCHESTER
 200 WEST FORT STREET
 MANCHESTER, TN 37355
 CONTACT: GEORGE GANNON
 PHONE: (931) 581-7005
 EMAIL: GGANNON@CITYOFMANCHESTERTN.COM

DISTURBED AREA	
TOTAL DISTURBED AREA	0.340 (AC)

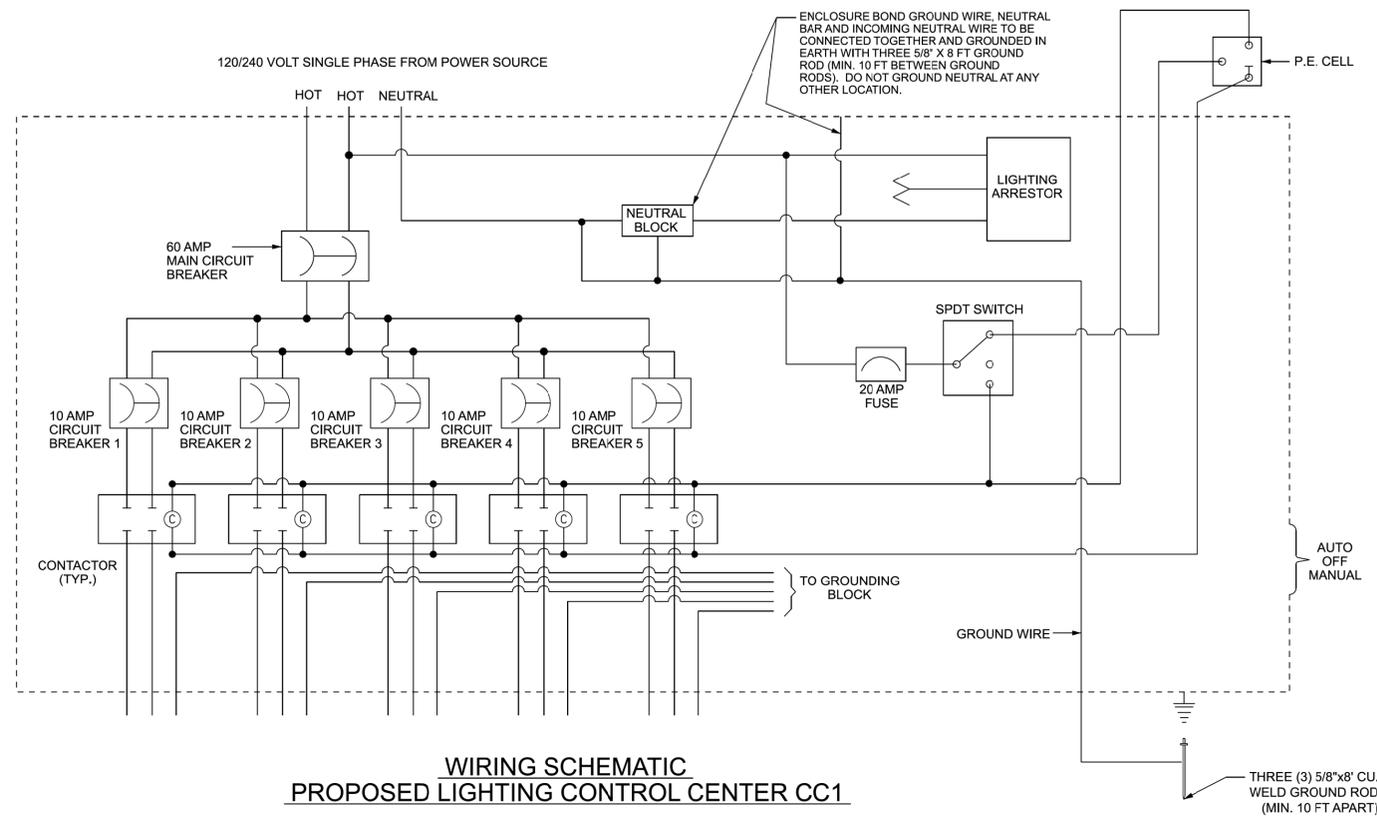


**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

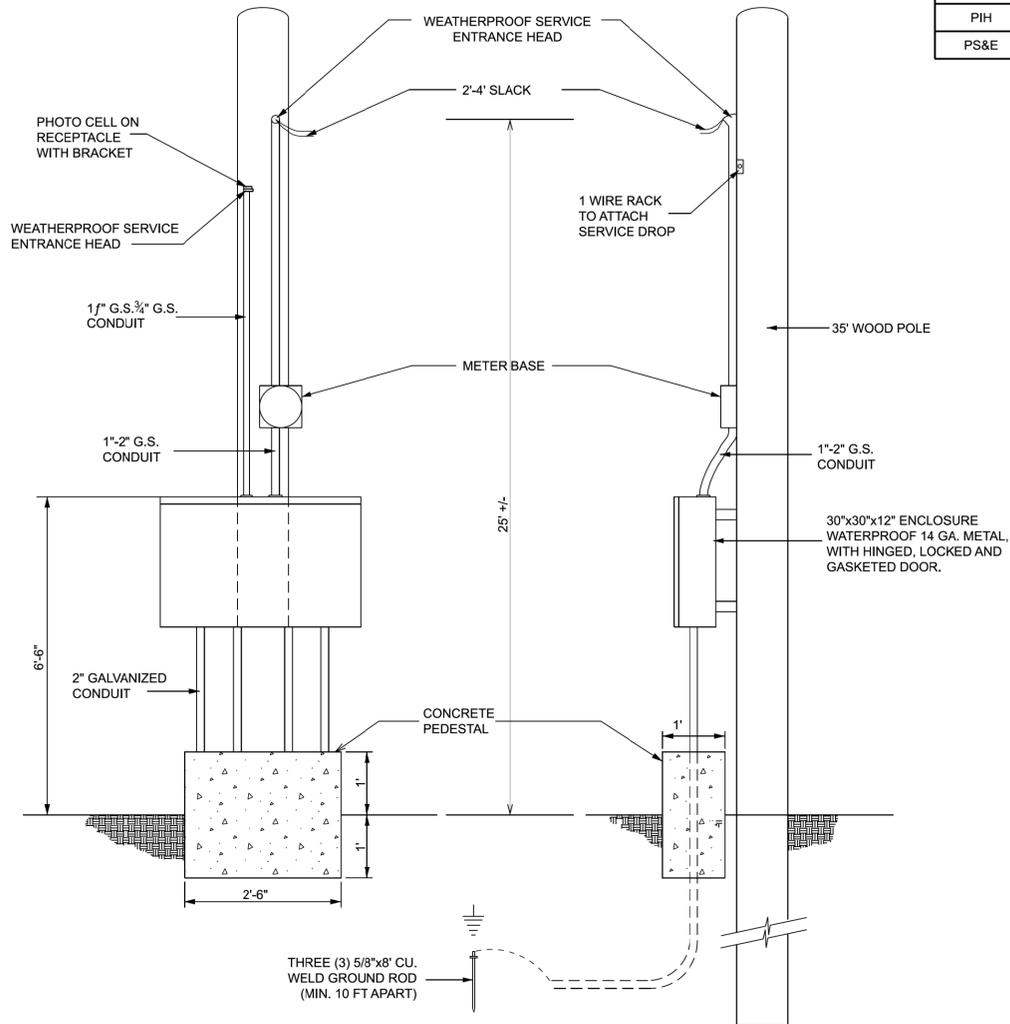
**RIGHT-OF-WAY
 AQUISITION TABLE,
 UTILITY NOTES
 AND
 UTILITY OWNERS**

\$\$\$DATE\$\$\$\$\$\$\$TIME\$\$\$\$\$\$\$
 C:\BOOKER01_ACTIVE\DOT\12436\COFFEE01_1_24 AT SR 2 AND SR 53 INTERCHANGE LIGHTING\01A_FUNCTIONAL.DGN FILES\161024-00-SHT-LIGHTING UTILITY NOTES & OWNERS.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	4
PIH	2025	CRP-I-24-2(193)	4
PS&E	2026	CRP-I-24-2(193)	4



WIRING SCHEMATIC
PROPOSED LIGHTING CONTROL CENTER CC1
 (LOCATED AT THE SE QUADRANT OF SR-53 AND RAMP B)
 EXIT 110 (SR-53)



POLE MOUNTED CONTROLLER
CONSTRUCTION DETAIL

NOTES

1. THE EXISTING POLE MOUNTED CONTROL CENTER AND POLE SHALL BE REPLACED WITH NEW POLE MOUNTED CONTROL CENTER CC1. THE EXISTING CIRCUITRY SHALL BE MAINTAINED.
2. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND INSTALLATION UP TO AND INCLUDING WEATHERHEAD.
3. CONTRACTOR TO COORDINATE FINAL LOCATION OF CONTROL CENTERS WITH DUCK RIVER ELECTRIC MEMBERSHIP CORP (DREMC), CHRIS WADE, (931) 680-5845, AND THE ENGINEER.
4. CONTRACTOR SHALL COORDINATE ALL WORK AT POWER SOURCES PSA WITH CHRIS WADE (DREMC), AND THE ENGINEER.
5. FOR ELECTRICAL SERVICE CONNECTION AND DESIGN REQUIREMENTS, CONTACT CHRIS WADE (DREMC). CHRIS WADE MAY ALSO BE CONTACTED FOR POWER SOURCE REQUIREMENTS AND COST.
6. AT CONTRACTOR DISCRETION AND AS DIRECTED BY THE ENGINEER AND DREMC, A LARGER BOX TO HOUSE THE METER AND DISCONNECT ON THE OUTSIDE FACE OF EACH CONTROL CENTER MAYBE INSTALLED .
7. THE CONTROL CABINET SHALL BE INSTALLED IN SUCH A MANNER AS TO MAINTAIN A STANDING WORKING HEIGHT. PERSONNEL WORKING ON THE CABINET SHALL BE ABLE TO WORK ON THE CABINET WHILE STANDING.
8. CONTROL CENTER SHALL BE FED WITH 120/240V SUPPLY FROM DUCK RIVER EMC. LIGHTS SHALL BE FED AT 240V (2-HOT, 1 GROUND).
9. PRIOR TO COMMENCEMENT OF WORK ON THE LIGHTING SYSTEM, THE CONTRACTOR SHALL CONTACT CHRIS WADE (DREMC).
10. NON-SALVAGEABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR REMOVAL AND DISPOSAL.

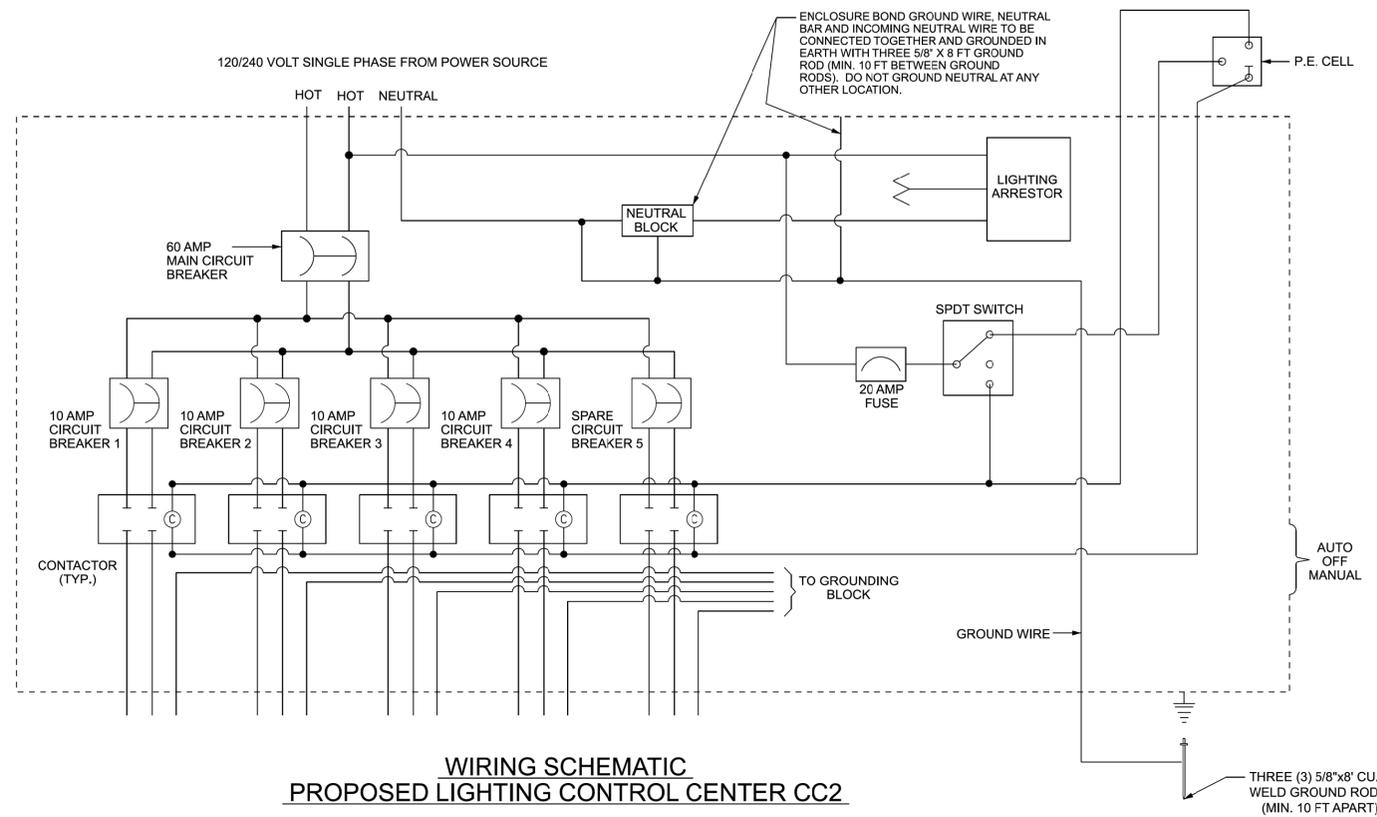
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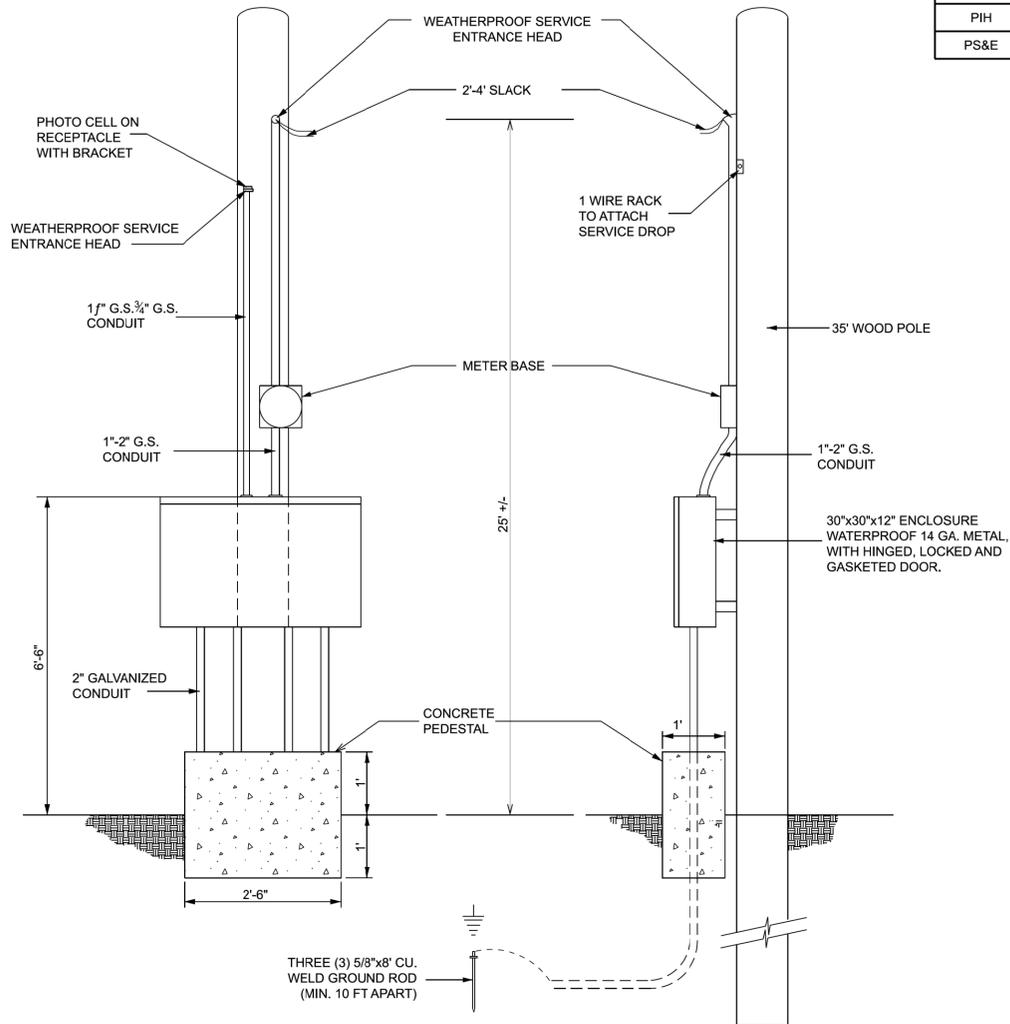
STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

CONTROL CENTER
 DETAILS & CIRCUIT
 DIAGRAMS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	5
PIH	2025	CRP-I-24-2(193)	5
PS&E	2026	CRP-I-24-2(193)	5



WIRING SCHEMATIC
PROPOSED LIGHTING CONTROL CENTER CC2
 (LOCATED AT THE NE QUADRANT OF SR-2 AND RAMP D)
 EXIT 114 (SR-2)



POLE MOUNTED CONTROLLER
CONSTRUCTION DETAIL

NOTES

- THE EXISTING POLE MOUNTED CONTROL CENTER AND POLE SHALL BE REPLACED WITH NEW POLE MOUNTED CONTROL CENTER CC1. THE EXISTING CIRCUITRY SHALL BE MAINTAINED.
- CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND INSTALLATION UP TO AND INCLUDING WEATHERHEAD.
- CONTRACTOR TO COORDINATE FINAL LOCATION OF CONTROL CENTERS WITH DUCK RIVER ELECTRIC MEMBERSHIP CORP (DREMC), CHRIS WADE, (931) 680-5845, AND THE ENGINEER.
- CONTRACTOR SHALL COORDINATE ALL WORK AT POWER SOURCES PSB WITH CHRIS WADE (DREMC), AND THE ENGINEER.
- FOR ELECTRICAL SERVICE CONNECTION AND DESIGN REQUIREMENTS, CONTACT CHRIS WADE (DREMC). CHRIS WADE MAY ALSO BE CONTACTED FOR POWER SOURCE REQUIREMENTS AND COST.
- AT CONTRACTOR DISCRETION AND AS DIRECTED BY THE ENGINEER AND DREMC, A LARGER BOX TO HOUSE THE METER AND DISCONNECT ON THE OUTSIDE FACE OF EACH CONTROL CENTER MAYBE INSTALLED.
- THE CONTROL CABINET SHALL BE INSTALLED IN SUCH A MANNER AS TO MAINTAIN A STANDING WORKING HEIGHT. PERSONNEL WORKING ON THE CABINET SHALL BE ABLE TO WORK ON THE CABINET WHILE STANDING.
- CONTROL CENTER SHALL BE FED WITH 120/240V SUPPLY FROM DUCK RIVER EMC. LIGHTS SHALL BE FED AT 240V (2-HOT, 1-GROUND).
- PRIOR TO COMMENCEMENT OF WORK ON THE LIGHTING SYSTEM, THE CONTRACTOR SHALL CONTACT CHRIS WADE (DREMC).
- NON-SALVAGEABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR REMOVAL AND DISPOSAL.

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STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

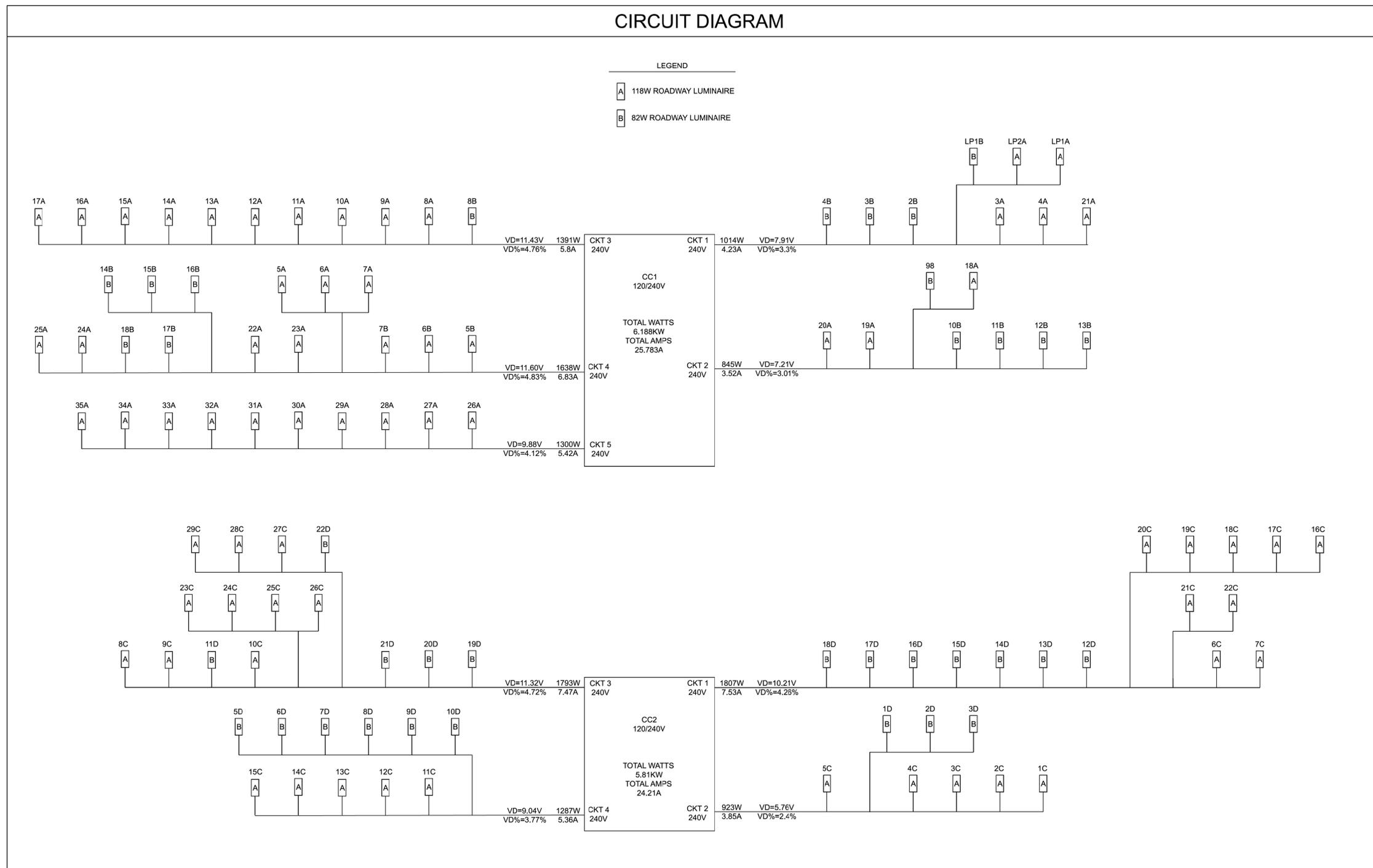
CONTROL CENTER
 DETAILS & CIRCUIT
 DIAGRAMS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	6
PS&E	2026	CRP-I-24-2(193)	6

CIRCUIT DIAGRAM

LEGEND

- A 118W ROADWAY LUMINAIRE
- B 82W ROADWAY LUMINAIRE



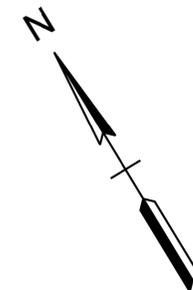
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CONTROL CENTER
DETAILS & CIRCUIT
DIAGRAMS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	6
PIH	2025	CRP-I-24-2(193)	7
PS&E	2026	CRP-I-24-2(193)	7



161024-F3-006
 BEGIN PROJECT NO. CRP-I-24-2(193) CONST.
 I-24 AT SR-53 (EXIT 110) L.M. 13.000



MATCH LINE 'A' SEE SHEET NO. 8

\$\$\$\$\$DATE\$\$\$\$\$TIMES\$\$\$\$\$Z:000212-0026.10103-DRAWINGS02-TRANSPORTATION4-PS&E161024-00-SHT-PRESENT LAYOUT.DGN

SEALED BY

REBECCA C. BOTTOM
 REGISTERED ENGINEER
 STATE OF TENNESSEE
 No. 102793
 11/11/2025

SITE LAYOUT BASED ON
 COFFEE2018 GEN 3 SID
 PROVIDED BY TDOT

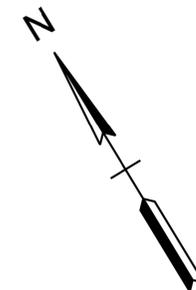
**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

**PRESENT
 LAYOUT**

I-24 AT SR-53 (EXIT 110)

BEGIN L.M. 13.000
 SCALE: 1" = 100'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	6A
PIH	2025	CRP-I-24-2(193)	7A
PS&E	2026	CRP-I-24-2(193)	7A



POLE DATA SR-53 (EXIT 110)							
118W (LED) FOR USE ON INTERSTATE (CONTROL CENTER CC1)				82W (LED) FOR USE ON RAMPS (CONTROL CENTER CC1)			
POLE TYPE	POLE NUMBER	NO. OF LUMINAIRES	GRAND TOTAL	POLE TYPE	POLE NUMBER	NO. OF LUMINAIRES	GRAND TOTAL
A	LP 3A - LP 7A	5	15	B	LP 3B	1	3
	LP 12A - 13A	2			LP 12B - LP 13B	2	
	LP 17A	1					
	LP 26A - LP 27A	2					
	LP 29A - LP 30A	2					
A1	LP 1A	1	5	B1	LP 7B	1	2
	LP 14A - LP 16A	3			LP 10B	1	
	LP 21A	1					
A2	LP 2A	1	13	B2	LP 1B - LP 2B	2	11
	LP 8A - LP 9A	2			LP 5B - LP 6B	2	
	LP 11A	1			LP 9B	1	
	LP 18A - LP 20A	3			LP 11B	1	
	LP 22A - LP 25A	4			LP 14B - LP 18B	5	
A3	LP 10A	1	2	B3	LP 8B	1	1
	LP 31A	1					

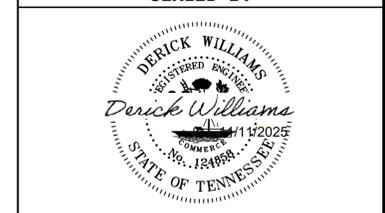
* SEE LEGEND FOR POLE TYPE AND DESCRIPTION

CONDUIT LEGEND

- EXISTING CONDUIT TO REMAIN
- - - PROPOSED CONDUIT
- EXISTING PULLBOX TO REMAIN
- PROPOSED PULLBOX
- ↔ DIRECTIONAL BORING

THE CONTRACTOR SHALL USE ANY MEASURES NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT OR ACTIVITIES WILL NOT ENTER OR AFFECT ANY PORTION OF STR-1 AND WTL-1 AND THAT STREAMS, WETLANDS, AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND WILL BE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

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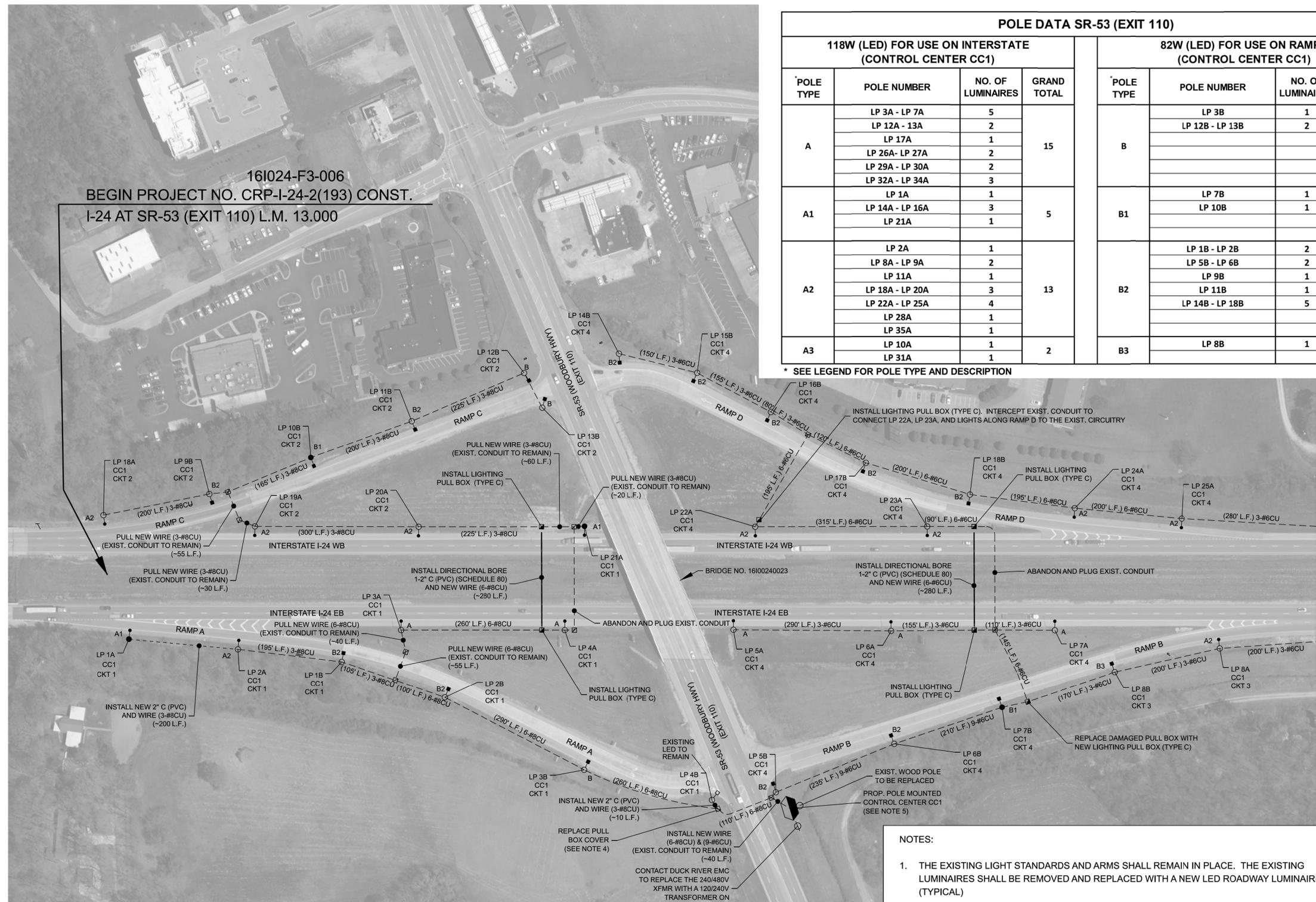
SITE LAYOUT BASED ON COFFEE2018 GEN 3 SID PROVIDED BY TDOT

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

I-24 AT SR-53 (EXIT 110)

BEGIN L.M. 13.000
SCALE: 1" = 100'



161024-F3-006
BEGIN PROJECT NO. CRP-I-24-2(193) CONST.
I-24 AT SR-53 (EXIT 110) L.M. 13.000

LEGEND

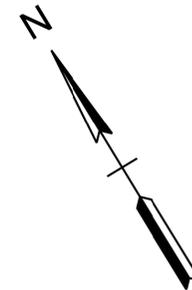
○ A	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V)
● A1	PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V)
○ A2	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V)
○ A3	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V)

■ B	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V)
● B1	PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V)
○ B2	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V)
○ B3	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V)

- NOTES:**
- THE EXISTING LIGHT STANDARDS AND ARMS SHALL REMAIN IN PLACE. THE EXISTING LUMINAIRES SHALL BE REMOVED AND REPLACED WITH A NEW LED ROADWAY LUMINAIRE. (TYPICAL)
 - CONTRACTOR SHALL CONTACT POLE MANUFACTURER TO ORDER NEW REPLACEMENT HAND HOLES. (TYPICAL)
 - CONTRACTOR SHALL RE-DRILL HANDHOLE COVERS WHERE SCREWS ARE STRIPPED. (TYPICAL)
 - CONTRACTOR SHALL CONTACT PULL BOX MANUFACTURER TO ORDER NEW REPLACEMENT COVER. (TYPICAL)
 - THE EXISTING POLE MOUNTED CONTROL CENTER AND POLE SHALL BE REMOVED AND REPLACED WITH PROPOSED POLE MOUNTED CONTROL CENTER CC1. THE EXISTING CIRCUITRY SHALL BE MAINTAINED.
 - CONTRACTOR SHALL INSPECT ALL PULLBOXES ON PROJECT, IF ANY ARE DEFECTIVE THEN CONTRACTOR SHALL REPLACE. THIS SHALL INCLUDE THE REPLACEMENT OR ADDITION OF ANY LIDS THAT ARE MISSING.

\$\$\$\$\$DATE\$\$\$\$\$TIMES\$\$\$\$\$Z:100212-0026.10103-DRAWINGS02-TRANSPORTATION4-PS&E161024-00-SHT-L-LIGHTING LAYOUT.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	7
PIH	2025	CRP-I-24-2(193)	8
PS&E	2026	CRP-I-24-2(193)	8



MATCH LINE 'A' SEE SHEET NO. 7

MATCH LINE 'B' SEE SHEET NO. 9

\$\$\$\$DATE\$\$\$\$TIMES\$\$\$\$
 Z:\00212-0026.10\03-DRAWINGS\02-TRANSPORTATION\4-PS&E\161024-00-SHT-PRESENT LAYOUT.DGN

SEALED BY

SITE LAYOUT BASED ON
 COFFEE2018 GEN 3 SID
 PROVIDED BY TDOT

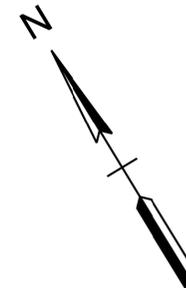
**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

**PRESENT
 LAYOUT**

I-24 AT SR-53 (EXIT 110)

SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	7A
PIH	2025	CRP-I-24-2(193)	8A
PS&E	2026	CRP-I-24-2(193)	8A



MATCH LINE 'A' SEE SHEET NO. 7A

MATCH LINE 'B' SEE SHEET NO. 9A

CONDUIT LEGEND	
---	EXISTING CONDUIT TO REMAIN
- - -	PROPOSED CONDUIT
□	EXISTING PULLBOX TO REMAIN
■	PROPOSED PULLBOX
→	DIRECTIONAL BORING

SEALED BY

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COFFEE2018 GEN 3 SID
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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
LAYOUT**

I-24 AT SR-53 (EXIT 110)

SCALE: 1" = 50'

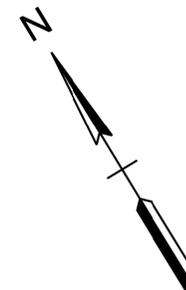
LEGEND	
○ A	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
● A1	PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
○ A2	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
○ A3	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))

■ B	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
● B1	PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
○ B2	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
○ B3	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))

THE CONTRACTOR SHALL USE ANY MEASURES NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT OR ACTIVITIES WILL NOT ENTER OR AFFECT ANY PORTION OF STR-1 AND WTL-1 AND THAT STREAMS, WETLANDS, AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND WILL BE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.

\$\$\$\$\$DATE\$\$\$\$\$TIMES\$\$\$\$\$ Z:\00212-0026.10\03-DRAWINGS\02-TRANSPORTATION\4-PS&E\161024-00-SHT-LIGHTING LAYOUT.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	8
PIH	2025	CRP-I-24-2(193)	9
PS&E	2026	CRP-I-24-2(193)	9



MATCH LINE 'B' SEE SHEET NO. 8

END SITE 1
I-24 AT SR-53 (EXIT 110) L.M. 14.042

PRES. R.O.W.

PRES. R.O.W.

R=3685.95'
L=1647.83'

R=2922.75'
L=1335.18'

\$\$\$\$\$DATE\$\$\$\$\$TIMES\$\$\$\$\$
Z:\00212-0026.10\03-DRAWINGS\02-TRANSPORTATION\4-PS&E\161024-00-SHT-PRESENT LAYOUT.DGN

SEALED BY

SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

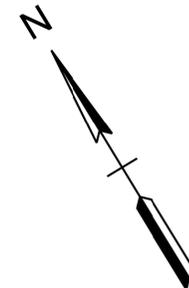
**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**PRESENT
LAYOUT**

I-24 AT SR-53 (EXIT 110)

END L.M. 14.042
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	8A
PIH	2025	CRP-I-24-2(193)	9A
PS&E	2026	CRP-I-24-2(193)	9A



END SITE 1
I-24 AT SR-53 (EXIT 110) L.M. 14.042

MATCH LINE 'B' SEE SHEET NO. 8A

CONDUIT LEGEND	
	EXISTING CONDUIT TO REMAIN
	PROPOSED CONDUIT
	EXISTING PULLBOX TO REMAIN
	PROPOSED PULLBOX
	DIRECTIONAL BORING

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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
LAYOUT**
I-24 AT SR-53 (EXIT 110)
END L.M. 14.042
SCALE: 1" = 50'

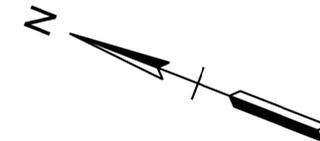
LEGEND	
	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
	PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))

	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
	PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
	PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
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\$\$\$\$\$DATE\$\$\$\$\$TIMES\$\$\$\$\$Z:100212-0026.10103-DRAWINGS02-TRANSPORTATION4-PS&E161024-00-SHT-LIGHTING LAYOUT.DGN

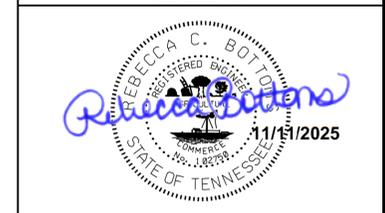
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	9
PIH	2025	CRP-I-24-2(193)	10
PS&E	2026	CRP-I-24-2(193)	10



MATCH LINE 'A' SEE SHEET NO. 11

BEGIN SITE 2
I-24 AT SR-2 (EXIT 114) L.M. 16.581

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SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT
I-24 AT SR-2 (EXIT 114)

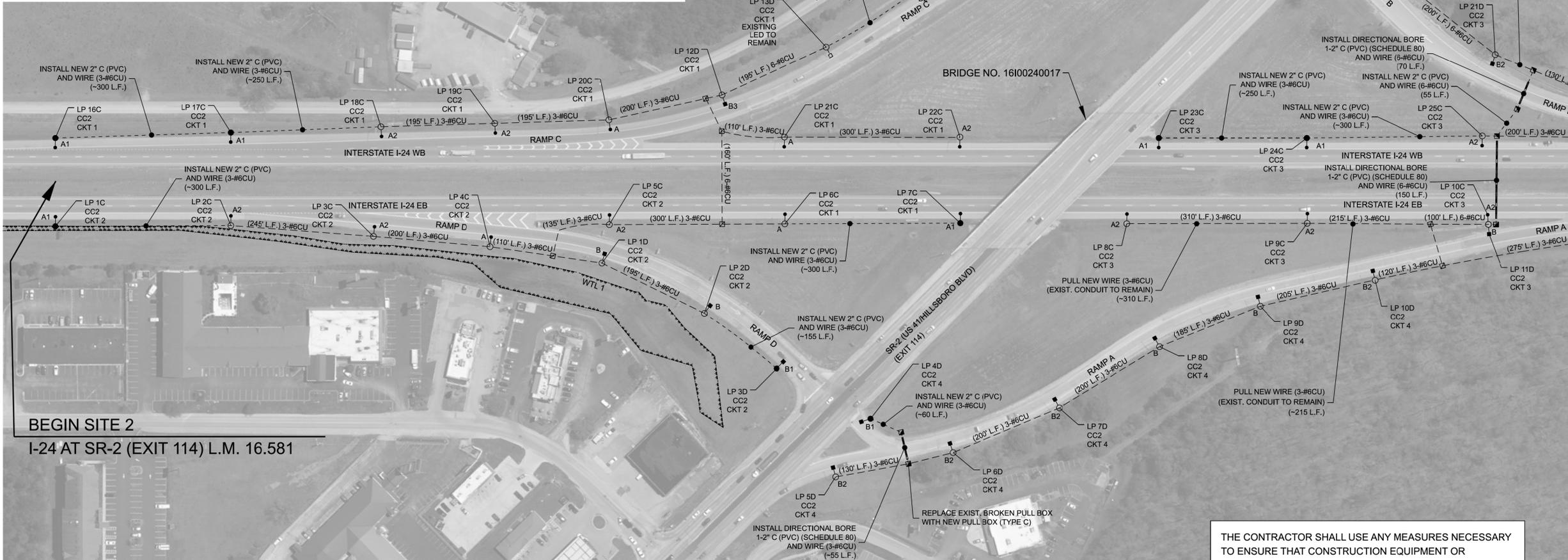
BEGIN L.M. 16.581
SCALE: 1" = 100'

\$\$\$\$\$DATE\$\$\$\$\$TIME\$\$\$\$\$DRAWING\$02-TRANSPORTATION4-PS&E161024-00-SHT-PRESENT LAYOUT.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-1-24-2(193)	9A
PIH	2025	CRP-1-24-2(193)	10A
PS&E	2026	CRP-1-24-2(193)	10A

POLE DATA SR-2 (EXIT 114)							
118W (LED) FOR USE ON INTERSTATE (CONTROL CENTER CC2)				82W (LED) FOR USE ON RAMPS (CONTROL CENTER CC2)			
POLE TYPE	POLE NUMBER	NO. OF LUMINAIRES	GRAND TOTAL	POLE TYPE	POLE NUMBER	NO. OF LUMINAIRES	GRAND TOTAL
A	LP 4C	1	8	B	LP 1D - LP 2D	2	6
	LP 6C	1			LP 8D - LP 9D	2	
	LP 12C - LP 14C	3			LP 11D	1	
	LP 20C	1			LP 16D	1	
	LP 21C	1					
A1	LP 1C	1	6	B1	LP 3D - LP 4D	2	4
	LP 7C	1			LP 18D - LP 19D	2	
	LP 16C - LP 17C	2					
A2	LP 23C - LP 24C	2	13	B2	LP 5D - LP 7D	3	10
	LP 2C - LP 3C	2			LP 10D	1	
	LP 5C	1			LP 14D - LP 15D	2	
	LP 8C - LP 10C	3			LP 17D	1	
	LP 18C - LP 19C	2			LP 20D - LP 22D	3	
A3	LP 22C	1	2	B3	LP 12D	1	1
	LP 25C	1					
	LP 27C - LP 29C	3					
	LP 11C	1					
	LP 15C	1					

* SEE LEGEND FOR POLE TYPE AND DESCRIPTION



BEGIN SITE 2
I-24 AT SR-2 (EXIT 114) L.M. 16.581

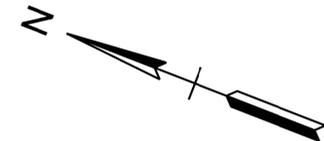
LEGEND

- A PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
- A1 PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
- A2 PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
- A3 PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))
- B PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
- B1 PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
- B2 PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))
- B3 PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))

NOTES:

- THE EXISTING POLE MOUNTED CONTROL CENTER AND POLE SHALL BE REMOVED AND REPLACED WITH PROPOSED POLE MOUNTED CONTROL CENTER CC2.
- SEE ADDITIONAL NOTES ON SHEET 5.

THE CONTRACTOR SHALL USE ANY MEASURES NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT OR ACTIVITIES WILL NOT ENTER OR AFFECT ANY PORTION OF STR-1 AND WTL-1 AND THAT STREAMS, WETLANDS, AND SURROUNDING VEGETATION WILL NOT BE DISTURBED AND WILL BE PROTECTED FROM SEDIMENT AND OTHER POLLUTANTS EXCEPT AT THE PERMITTED LOCATIONS.



MATCH LINE 'A' SEE SHEET NO. 11A

CONDUIT LEGEND	
---	EXISTING CONDUIT TO REMAIN
- - -	PROPOSED CONDUIT
▣	EXISTING PULLBOX TO REMAIN
▣	PROPOSED PULLBOX
→	DIRECTIONAL BORING

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SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

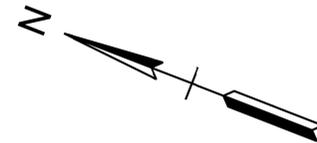
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
LAYOUT
I-24 AT SR-2 (EXIT 114)

BEGIN L.M. 16.581
SCALE: 1" = 100'

\$\$\$\$\$DATE\$\$\$\$\$TIMES\$\$\$\$\$Z:300212-0026.10103-DRAWINGS02-TRANSPORTATION4-PS&E161024-00-SHT-LIGHTING LAYOUT.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	10
PIH	2025	CRP-I-24-2(193)	11
PS&E	2026	CRP-I-24-2(193)	11



MATCH LINE 'A' SEE SHEET NO. 10

\$\$\$\$\$DATE\$\$\$\$\$TIMES\$\$\$\$\$Z:\00212-0026.10\03-DRAWINGS\02-TRANSPORTATION\4-PS&E\16I024-00-SHT-PRESENT LAYOUT.DGN

SEALED BY

SITE LAYOUT BASED ON
 COFFEE2018 GEN 3 SID
 PROVIDED BY TDOT

**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

**PRESENT
 LAYOUT**

I-24 AT SR-2 (EXIT 114)

END L.M. 17.253
 SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	10A
PIH	2025	CRP-I-24-2(193)	11A
PS&E	2026	CRP-I-24-2(193)	11A



161024-F3-006
 END PROJECT NO. CRP-I-24-2(193) CONST.
 I-24 AT SR-2 (EXIT 114) L.M. 17.253



MATCH LINE 'A' SEE SHEET NO. 10A

CONDUIT LEGEND

- EXISTING CONDUIT TO REMAIN
- - - PROPOSED CONDUIT
- ◻ EXISTING PULLBOX TO REMAIN
- ◻ PROPOSED PULLBOX
- ➔ DIRECTIONAL BORING

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SITE LAYOUT BASED ON
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**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED
 LAYOUT**
 I-24 AT SR-2 (EXIT 114)

END L.M. 17.253
 SCALE: 1" = 50'

LEGEND

- | | | | |
|---|---|---|---|
| <ul style="list-style-type: none"> ○ A ● A1 ○ A2 ○ A3 | <ul style="list-style-type: none"> ■ B ● B1 ○ B2 ○ B3 | <p>PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))</p> <p>PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))</p> <p>PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))</p> <p>PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (118W LED (TYPE A FOR USE ON I-24, 45 FT MH, LUMINAIRES OPERATE AT 240V))</p> | <p>PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))</p> <p>PROPOSED LED ROADWAY LUMINAIRE ON PROPOSED LIGHT STANDARD AND 15 FT ARM ON A NEW FOUNDATION (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))</p> <p>PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM ADD NEW HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))</p> <p>PROPOSED LED ROADWAY LUMINAIRE ON EXISTING LIGHT STANDARD AND 15 FT ARM REDRILL HOLES FOR HANDHOLE COVER (82W LED (TYPE B FOR USE ON RAMPS), 45 FT MH, LUMINAIRES OPERATE AT 240V))</p> |
|---|---|---|---|

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\$\$\$\$\$DATE\$\$\$\$\$TIMES\$\$\$\$\$Z:100212-0026.10103-DRAWINGS02-TRANSPORTATION4-PS&E161024-00-SHT-L-LIGHTING LAYOUT.DGN

ENVIRONMENTAL NOTES

EROSION PREVENTION AND SEDIMENT CONTROL GENERAL NOTES

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.
- (7) TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY BUT MUST BE REINSTALLED AT THE END OF THE WORKDAY OR BEFORE/DURING A PRECIPITATION EVENT.
- (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.
- (9) OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION EXIT (A POINT OF ENTRANCE/EXIT TO THE CONSTRUCTION PROJECT) SHALL BE PROVIDED TO REDUCE THE TRACKING OF MUD AND DIRT ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.
- (10) THE DEWATERING OF WORK AREAS, TRENCHES, FOUNDATIONS, EXCAVATIONS, ETC. THAT HAVE COLLECTED STORMWATER, WATER FROM VEHICLE WASH AREAS, OR GROUNDWATER SHALL BE EITHER HELD IN SETTLING BASINS OR TREATED BY FILTRATION AND/OR CHEMICAL TREATMENT PRIOR TO ITS DISCHARGE. ALL PHYSICAL AND/OR CHEMICAL TREATMENT WILL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES AND FULLY DESCRIBED IN THE EPSC PLANS. WATER DISCHARGED SHALL NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING NATURAL RESOURCE. WATER MUST BE HELD IN SETTLING BASINS UNTIL AT LEAST AS CLEAR AS THE RECEIVING WATERS. SETTLING BASINS SHALL NOT BE LOCATED CLOSER THAN 20 FEET FROM THE TOP BANK OF A STREAM. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED ACCORDING TO THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE OR WELL-VEGETATED OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT. DISCHARGES FROM BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT. DISCHARGES MUST NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITH THE RECEIVING STREAM.

INSPECTION, MAINTENANCE & REPAIR

- (12) THE TDOT CONSTRUCTION SUPERVISOR (OR THEIR DESIGNEE) AND THE CONTRACTOR'S RESPONSIBLE PARTY ARE RESPONSIBLE FOR INSPECTIONS. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE TDOT CONSTRUCTION SUPERVISOR OR THEIR DESIGNEE SHALL COMPLETE THE EPSC INSPECTION REPORTS AND DISTRIBUTE COPIES PER THE CONTRACT.
- (13) TDOT CONSULTANTS AND CONTRACTOR STAFF RESPONSIBLE FOR THE INSPECTION, IMPLEMENTATION, MAINTENANCE, AND/OR REPAIR OF EPSC MEASURES SHALL SUCCESSFULLY COMPLETE THE TDEC "LEVEL 1 - FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" COURSE AND ANY REFRESHER COURSES AS REQUIRED TO MAINTAIN CERTIFICATION. TDOT STAFF AND SUPERVISORS RESPONSIBLE FOR THE INSPECTION, IMPLEMENTATION, MAINTENANCE, AND/OR REPAIR OF EPSC MEASURES SHALL SUCCESSFULLY COMPLETE THE TDOT "FUNDAMENTALS OF EROSION AND SEDIMENT CONTROL" CLASS AND ANY REFRESHER COURSES AS REQUIRED TO MAINTAIN CERTIFICATION.
- (14) EPSC CONTROLS SHALL BE INSPECTED ACCORDING TO PERMIT REQUIREMENTS TO VERIFY MEASURES HAVE BEEN INSTALLED AND MAINTAINED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS, SPECIFICATIONS, AND GOOD ENGINEERING PRACTICES. EPSC

INSPECTIONS SHALL BE DOCUMENTED ON THE TDOT EPSC INSPECTION REPORT.

- (15) DISCHARGE POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING EROSION AND CONTROLLING SEDIMENT INCLUDING SIGNIFICANT IMPACTS TO SURROUNDING NATURAL RESOURCES AND ADJACENT PROPERTY OWNERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWN GRADIENT LOCATIONS SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE ROADWAY SEDIMENT TRACKING.
- (16) UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT, IF POSSIBLE, BUT IN NO CASE MORE THAN 24 HOURS AFTER THE INSPECTION OR WHEN THE CONDITION IS IDENTIFIED. IF THE REPAIR, REPLACEMENT OR MODIFICATION IS NOT PRACTICAL WITHIN THE 24 HOUR TIMEFRAME, WRITTEN DOCUMENTATION SHALL BE PROVIDED IN THE FIELD DIARY AND EPSC INSPECTION REPORT. AN ESTIMATED REPAIR, REPLACEMENT OR MODIFICATION SCHEDULE SHALL BE DOCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION.
- (17) INSPECTION, REPAIR, AND MAINTENANCE OF EPSC MEASURES SHALL BE PERFORMED ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%). DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT STRUCTURAL COMPONENTS OF EPSC MEASURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE EPSC MEASURES AT THE CONTRACTOR'S OWN EXPENSE.
- (18) THE EPSC PLAN SHALL BE UPDATED WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL OFFICIALS DETERMINE EPSC MEASURES ARE PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.
- (19) SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES SHALL BE PLACED AND TREATED IN A MANNER SO THAT THE SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS AND DOES NOT MIGRATE ONTO ADJACENT PROPERTIES AND INTO WATERS OF THE STATE/U.S. COST FOR THIS TREATMENT SHALL BE INCLUDED IN PRICE BID FOR ITEM NO. 209-05 SEDIMENT REMOVAL, C.Y.

EROSION PREVENTION

- (20) CONSTRUCTION SHALL BE SEQUENCED AND STAGED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED SOIL AREAS, PRESERVE TOPSOIL, AND MINIMIZE SOIL COMPACTION.
- (21) THE ACCEPTED EPSC PLAN SHALL REQUIRE THAT EPSC MEASURES BE IN PLACE BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CULVERT OR BRIDGE CONSTRUCTION, CUTTING, FILLING, OR ANY OTHER EARTHWORK OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES.
- (22) NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, HAS BEEN ACCEPTED BY THE TDOT RESPONSIBLE PARTY. THE CONTRACTOR'S EPSC PLAN SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE BASIC EPSC DEVICES ON THE EPSC PLAN.
- (23) TEMPORARY STABILIZATION SHALL BE INITIATED WITHIN 14 CALENDAR DAYS WHEN CONSTRUCTION ACTIVITIES ON A PORTION OF THE SITE ARE TEMPORARILY CEASED AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME UNTIL AFTER 14 CALENDAR DAYS. PERMANENT STABILIZATION MEASURES IN DISTURBED AREAS SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OF ANY PHASE OF CONSTRUCTION.
- (24) STEEP SLOPES SHALL BE TEMPORARILY STABILIZED NOT LATER THAN 7 DAYS AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED. STEEP SLOPES ARE DEFINED AS A NATURAL OR CREATED SLOPE OF 35% GRADE OR GREATER REGARDLESS OF HEIGHT.
- (25) PERMANENT STABILIZATION WILL REPLACE TEMPORARY MEASURES AS SOON AS PRACTICABLE. PRIORITY SHALL BE GIVEN TO FINISHING OPERATIONS AND PERMANENT EPSC MEASURES OVER TEMPORARY EPSC MEASURES ON ALL PROJECTS.

- (26) TEMPORARY OR PERMANENT STABILIZATION MUST BE FREE OF FINES (SILT AND CLAY SIZED PARTICLES). UNPACKED GRAVEL CONTAINING FINES OR CRUSHER-RUN WILL NOT BE CONSIDERED SUFFICIENT STABILIZATION.
- (27) DELAYING THE PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS OR DRY MONTHS SHOULD BE AVOIDED.

PERMITS, PLANS & RECORDS

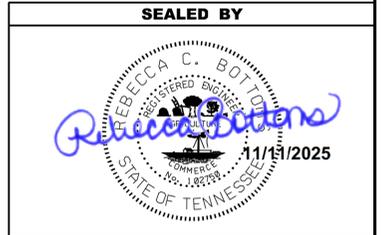
- (28) THE EPSC PLAN IS TO SERVE AS AN INITIAL GUIDE FOR SITE PERSONNEL AS THE CONSTRUCTION PROCESS DEVELOPS. IT MUST BE AMENDED, MODIFIED, AND UPDATED WHENEVER A CHANGE IN THE DESIGN OR CONSTRUCTION OF THE PROJECT OCCURS. THE STAGES DEPICTED IN THE EPSC PLANS MAY NOT COINCIDE WITH THE ACTUAL PHASES OF CONSTRUCTION ESTABLISHED BY THE CONTRACTOR DURING CONSTRUCTION, THUS MODIFICATIONS WILL BE REQUIRED TO ENSURE THE EPSC PLAN IS MAINTAINED TO DEPICT CURRENT SITE CONDITIONS. IT SHOULD BE MAINTAINED SUCH THAT IT WILL ALWAYS REFLECT THE MEASURES THAT ARE INSTALLED DURING THE VARIOUS PHASES OF CONSTRUCTION. IT IS IMPRACTICAL TO DETERMINE ALL THE INTERMEDIATE PHASES OF CONSTRUCTION THAT WILL OCCUR; THUS THESE DOCUMENTS WILL HAVE TO BE UPDATED THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT.

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.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	11
PIH	2025	CRP-I-24-2(193)	12
PS&E	2026	CRP-I-24-2(193)	12

\$\$\$DATE\$\$\$\$\$\$\$TIME\$\$\$\$\$\$ C:\PROGRAMDATA\BENTLEY\OPENROADS DESIGNER CE\CONFIGURATION\ORGANIZATION\CIVIL\TDOT_STANDARD\SSHEET_BORDERS\TDOT_BORDERS.DGN



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION
AND SEDIMENT
CONTROL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	CRP-1-24-2(193)	12A

(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.

SUPPORT ACTIVITIES

(41) IF OFFSITE BORROW AND WASTE AREAS BECOME NECESSARY DURING THE LIFE OF THE PROJECT, THIS SUPPORT ACTIVITY SHALL BE ADDRESSED PER THE TDOT WASTE AND BORROW MANUAL.

(42) MATERIALS AND STAGING AREAS SHALL BE LOCATED IN NON-WETLAND AREAS AND ABOVE THE 100-YEAR, FEDERAL EMERGENCY MANAGEMENT AGENCY FLOODPLAIN.

(43) IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY EPSC PLANS FOR THE MATERIAL AND STAGING AREAS TO THE ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE FOR REVIEW.

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.

EROSION PREVENTION AND SEDIMENT CONTROL SPECIAL NOTES

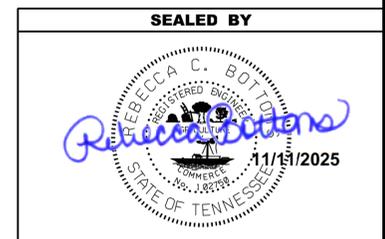
STREAMS, WETLANDS & BUFFER ZONES

(1) FOR PROJECTS THAT DISCHARGE INTO KNOWN EXCEPTIONAL TENNESSEE WATERS OR WATERS IMPAIRED BY SILTATION, A 60 FOOT NATURAL RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STREAM WITH THIS DESIGNATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE. THE 60 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 30 FEET AT ANY MEASURED LOCATION.

(2) A 30 FOOT NATURAL RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STREAM SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE. THE 30 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. EVERY ATTEMPT SHALL BE MADE FOR CONSTRUCTION ACTIVITIES NOT TO TAKE PLACE WITHIN THE BUFFER ZONES.

(3) BUFFER ZONES ARE NOT SEDIMENT CONTROL MEASURES AND MUST NOT BE RELIED UPON AS PRIMARY SEDIMENT CONTROL MEASURES. THE RIPARIAN BUFFER ZONE SHALL BE ESTABLISHED BETWEEN THE TOP OF THE STREAM BANK AND THE DISTURBED CONSTRUCTION AREA. EVERY ATTEMPT SHALL BE MADE FOR CONSTRUCTION ACTIVITIES NOT TO TAKE PLACE WITHIN THE BUFFER ZONES. BEST MANAGEMENT PRACTICES (BMPs) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL RIPARIAN ZONE MAY BE USED. WHERE ISSUED, ARAP/401 REQUIREMENTS WILL PREVAIL IF IN CONFLICT WITH THESE BUFFER ZONE REQUIREMENTS.

\$\$\$DATE\$\$\$\$\$\$\$TIME\$\$\$\$\$\$\$ C:\PROGRAMDATA\BENTLEY\OPENROADS DESIGNER CE\CONFIGURATION\ORGANIZATION\CIVIL\TDOT_STANDARD\SSHEET BORDER\SSHEET_BORDERS.DGN



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION
AND SEDIMENT
CONTROL NOTES

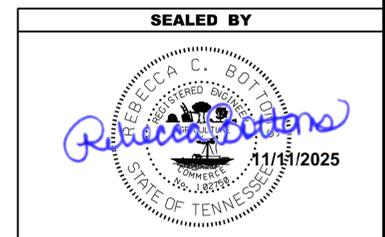
TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	CRP-1-24-2(193)	12B

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
** TUBE **	SEDIMENT TUBE	EC-STR-37
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1
	SEEDING (WITH MULCH)	

EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1) 707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	1560
(1) 740-11.01	TEMPORARY SEDIMENT TUBE (8 INCH)	L.F.	3050
(1) 801-01	SEEDING (WITH MULCH)	UNIT	19
(1) 801-03	WATER (SEEDING & SODDING)	M.G.	2

- (1)
- (1)
- (1)
- (1)
- (1)

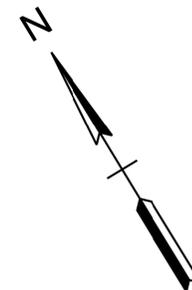
SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT. ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

EROSION PREVENTION
AND SEDIMENT
CONTROL LEGEND
AND QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	12A
PIH	2025	CRP-I-24-2(193)	13A
PS&E	2026	CRP-I-24-2(193)	13A



\$\$\$DATE\$\$\$\$\$\$\$TIMES\$\$\$\$\$\$
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MATCH LINE 'A' SEE SHEET NO. 13

MATCH LINE 'B' SEE SHEET NO. 13B

LEGEND

- EXISTING CONDUIT TO REMAIN
- - - PROPOSED CONDUIT
- ▣ EXISTING PULLBOX TO REMAIN
- PROPOSED PULLBOX

SEALED BY

REBECCA C. BOTTOMS
REGISTERED ENGINEER
STATE OF TENNESSEE
No. 102799
11/11/2025

SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

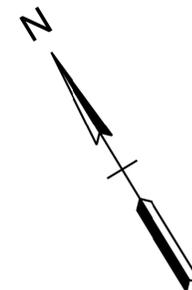
**EROSION PREVENTION &
SEDIMENT CONTROL**

I-24 AT SR-53 (EXIT 110)

SCALE: 1" = 50'

PHASE 1

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	12B
PIH	2025	CRP-I-24-2(193)	13B
PS&E	2026	CRP-I-24-2(193)	13B



END SITE 1
I-24 AT SR-53 (EXIT 110) L.M. 14.042

MATCH LINE 'B' SEE SHEET NO. 13A

** TUBE **

LEGEND	
---	EXISTING CONDUIT TO REMAIN
---	PROPOSED CONDUIT
○	EXISTING PULLBOX TO REMAIN
■	PROPOSED PULLBOX

SEALED BY

SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL

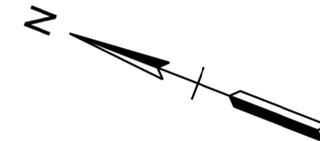
I-24 AT SR-53 (EXIT 110)

END L.M. 14.042
SCALE: 1" = 50'

PHASE 1

\$\$\$\$DATE\$\$\$\$\$\$\$\$TIMES\$\$\$\$
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCTIONAL	2025	CRP-I-24-2(193)	12C
PIH	2025	CRP-I-24-2(193)	13C
PS&E	2026	CRP-I-24-2(193)	13C



BEGIN SITE 2
I-24 AT SR-2 (EXIT 114) L.M. 16.581

MATCH LINE 'A' SEE SHEET NO. 13D

PHASE 1

LEGEND	
---	EXISTING CONDUIT TO REMAIN
---	PROPOSED CONDUIT
□	EXISTING PULLBOX TO REMAIN
■	PROPOSED PULLBOX

SEALED BY

SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

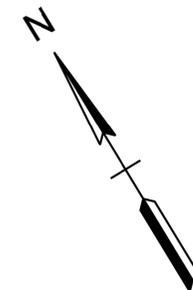
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL
I-24 AT SR-2 (EXIT 114)

BEGIN L.M. 16.581
SCALE: 1" = 100'

\$\$\$DATE\$\$\$\$\$\$\$TIME\$\$\$\$\$\$\$
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	14
PS&E	2026	CRP-I-24-2(193)	14



16I024-F3-006
 BEGIN PROJECT NO. CRP-I-24-2(193) CONST.
 I-24 AT SR-53 (EXIT 110) L.M. 13.000



MATCH LINE 'A' SEE SHEET NO. 14A

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LEGEND

- EXISTING CONDUIT TO REMAIN
- - - PROPOSED CONDUIT
- ▣ EXISTING PULLBOX TO REMAIN
- PROPOSED PULLBOX

SEALED BY

SITE LAYOUT BASED ON
 COFFEE 2018 GEN 3 SID
 PROVIDED BY TDOT

**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

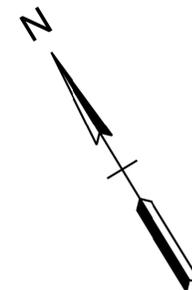
**EROSION PREVENTION &
 SEDIMENT CONTROL**

I-24 AT SR-53 (EXIT 110)

BEGIN L.M. 13.000
 SCALE: 1" = 100'

PHASE 2

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	14A
PS&E	2026	CRP-I-24-2(193)	14A



MATCH LINE 'A' SEE SHEET NO. 14

MATCH LINE 'B' SEE SHEET NO. 14B

\$\$\$\$DATE\$\$\$\$TIMES\$\$\$\$Z:00212-0026.10\03-DRAWINGS\02-TRANSPORTATION\2-FUNCTIONAL\161024-00-SHT-EROSION AND SEDIMENT CONTROL.DGN

LEGEND

- EXISTING CONDUIT TO REMAIN
- - - PROPOSED CONDUIT
- ▣ EXISTING PULLBOX TO REMAIN
- PROPOSED PULLBOX

SEALED BY

SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

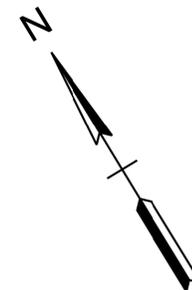
**EROSION PREVENTION &
SEDIMENT CONTROL**

I-24 AT SR-53 (EXIT 110)

SCALE: 1" = 50'

PHASE 2

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	14B
PS&E	2026	CRP-I-24-2(193)	14B



END SITE 1
I-24 AT SR-53 (EXIT 110) L.M. 14.042

MATCH LINE 'B' SEE SHEET NO. 14A

\$\$\$\$DATE\$\$\$\$TIMES\$\$\$\$
Z:\00212-0026.10\03-DRAWINGS\02-TRANSPORTATION\2-FUNCTIONAL\161024-00-SHT-EROSION AND SEDIMENT CONTROL.DGN

LEGEND

- EXISTING CONDUIT TO REMAIN
- - - PROPOSED CONDUIT
- ▣ EXISTING PULLBOX TO REMAIN
- PROPOSED PULLBOX

SEALED BY

SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

PHASE 2

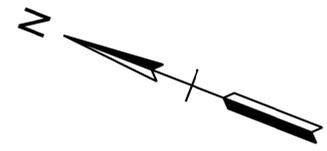
**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**EROSION PREVENTION &
SEDIMENT CONTROL**

I-24 AT SR-53 (EXIT 110)

END L.M. 14.042
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	14C
PS&E	2026	CRP-I-24-2(193)	14C



MATCH LINE 'A' SEE SHEET NO. 14D

\$\$\$\$\$\$DATE\$\$\$\$\$TIME\$\$\$\$\$DRAWING\$02-TRANSPORTATION\$2-FUNCTIONAL\$16024-00-SHT-EROSION AND SEDIMENT CONTROL.DGN
Z:000212-0026.10103-DRAWINGS\$02-

BEGIN SITE 2
I-24 AT SR-2 (EXIT 114) L.M. 16.581

LEGEND	
---	EXISTING CONDUIT TO REMAIN
- - -	PROPOSED CONDUIT
□	EXISTING PULLBOX TO REMAIN
■	PROPOSED PULLBOX

PHASE 2

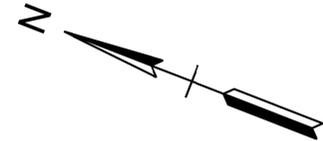
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COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION & SEDIMENT CONTROL
I-24 AT SR-2 (EXIT 114)
BEGIN L.M. 16.581
SCALE: 1" = 100'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	14D
PS&E	2026	CRP-I-24-2(193)	14D



16I024-F3-006
 END PROJECT NO. CRP-I-24-2(193) CONST.
 I-24 AT SR-2 (EXIT 114) L.M. 17.253

MATCH LINE 'A' SEE SHEET NO. 14C



\$\$\$\$DATE\$\$\$\$TIMES\$\$\$\$Z:000212-0026.10103-DRAWINGS02-TRANSPORTATION2-FUNCTIONAL16I024-00-SHT-EROSION AND SEDIMENT CONTROL.DGN

LEGEND	
---	EXISTING CONDUIT TO REMAIN
---	PROPOSED CONDUIT
○	EXISTING PULLBOX TO REMAIN
■	PROPOSED PULLBOX

SEALED BY

SITE LAYOUT BASED ON
 COFFEE2018 GEN 3 SID
 PROVIDED BY TDOT

**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

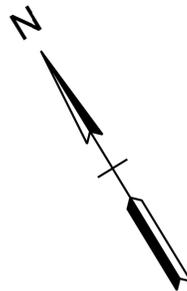
**EROSION PREVENTION &
 SEDIMENT CONTROL**

I-24 AT SR-2 (EXIT 114)

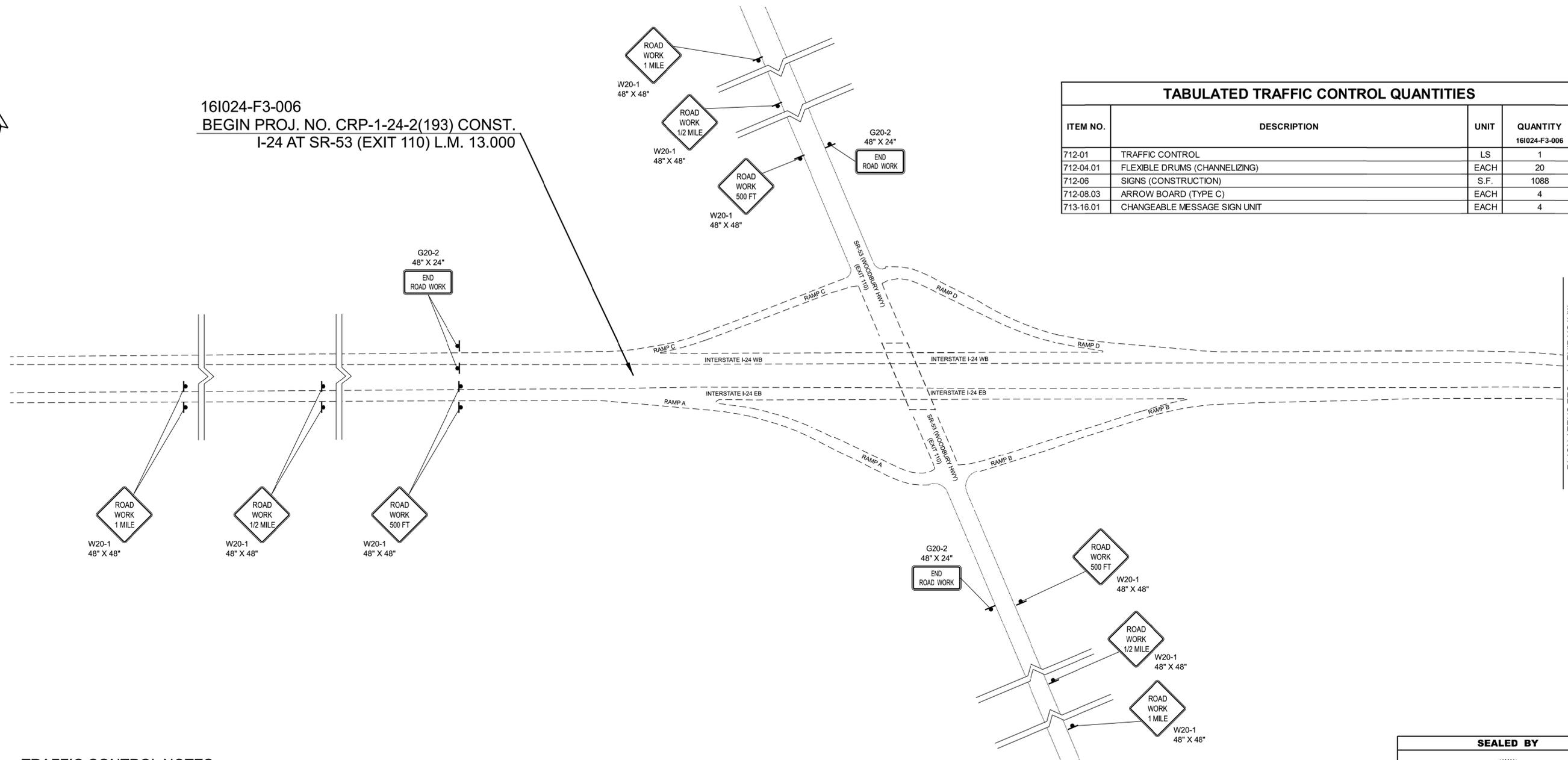
END L.M. 17.253
 SCALE: 1" = 50'

PHASE 2

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	T1
PS&E	2026	CRP-I-24-2(193)	T1



161024-F3-006
 BEGIN PROJ. NO. CRP-1-24-2(193) CONST.
 I-24 AT SR-53 (EXIT 110) L.M. 13.000



TABULATED TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
712-01	TRAFFIC CONTROL	LS	1
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	20
712-06	SIGNS (CONSTRUCTION)	S.F.	1088
712-08.03	ARROW BOARD (TYPE C)	EACH	4
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	4

TRAFFIC CONTROL NOTES

THE CONSTRUCTION SIGNING PLANS ARE TO SERVE AS A GUIDE ONLY. OTHER SIGNS MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.

THIS TRAFFIC CONTROL PLAN DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES."

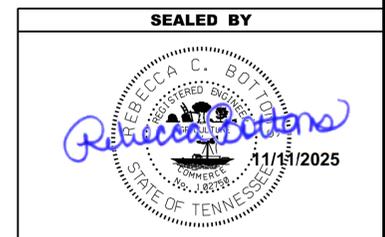
THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL LOCAL PROPERTY OWNERS.

THE CONTRACTOR IS TO HAVE TWO FLAGGERS ON THE PROJECT ANY TIME TRAFFIC NEEDS TO BE RESTRICTED TO ONE LANE. COST OF THE FLAGGERS IS TO BE INCLUDED IN THE COST OF ITEM NO. 712-01, TRAFFIC CONTROL (LUMP SUM).



LANE AND SHOULDER CLOSURE SIGNS ARE TO BE USED WHEN CONSTRUCTION OPERATIONS WARRANT, TO BE LOCATED AS DIRECTED BY PROJECT ENGINEER. COST IS TO BE INCLUDED IN THE COST OF ITEM 712-01.

TRAFFIC CONTROL SIGNS							
M.U.T.C.D. SIGN NO.	LEGEND	SIZE IN INCHES		S.F.	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.	REMARKS
		W	H				
G20-2	SIGNS (END ROAD WORK)	48"	24"	8.0	12	96	
W4-2	SIGNS (LANE CLOSED MERGE LEFT - SYMBOL)	48"	48"	16.0	4	64	TO BE USED AS NEEDED.
W4-2	SIGNS (LANE CLOSED MERGE RIGHT - SYMBOL)	48"	48"	16.0	4	64	TO BE USED AS NEEDED.
W20-1	SIGNS (ROAD WORK 1 MILE)	48"	48"	16.0	12	192	
W20-1	SIGNS (ROAD WORK 1/2 MILE)	48"	48"	16.0	12	192	
W20-1	SIGNS (ROAD WORK 500 FEET)	48"	48"	16.0	13	208	
W20-1	SIGNS (ROAD WORK 1000 FEET)	48"	48"	16.0	1	16	
W20-5	SIGNS (LEFT LANE CLOSED AHEAD)	48"	48"	16.0	4	64	TO BE USED AS NEEDED.
W20-5	SIGNS (RIGHT LANE CLOSED AHEAD)	48"	48"	16.0	4	64	TO BE USED AS NEEDED.
W20-5b	SIGNS (LEFT SHOULDER CLOSED AHEAD)	48"	48"	16.0	4	64	TO BE USED AS NEEDED.
W20-5b	SIGNS (RIGHT SHOULDER CLOSED AHEAD)	48"	48"	16.0	4	64	TO BE USED AS NEEDED.
TOTAL					1088		



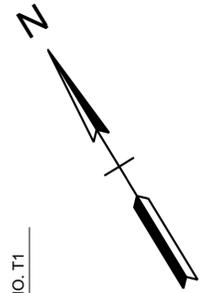
SITE LAYOUT BASED ON COFFEE2018 GEN 3 SID PROVIDED BY TDOT

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
 I-24 AT SR-53 (EXIT 110)
 BEGIN L.M. 13.000
 SCALE: 1" = 200'

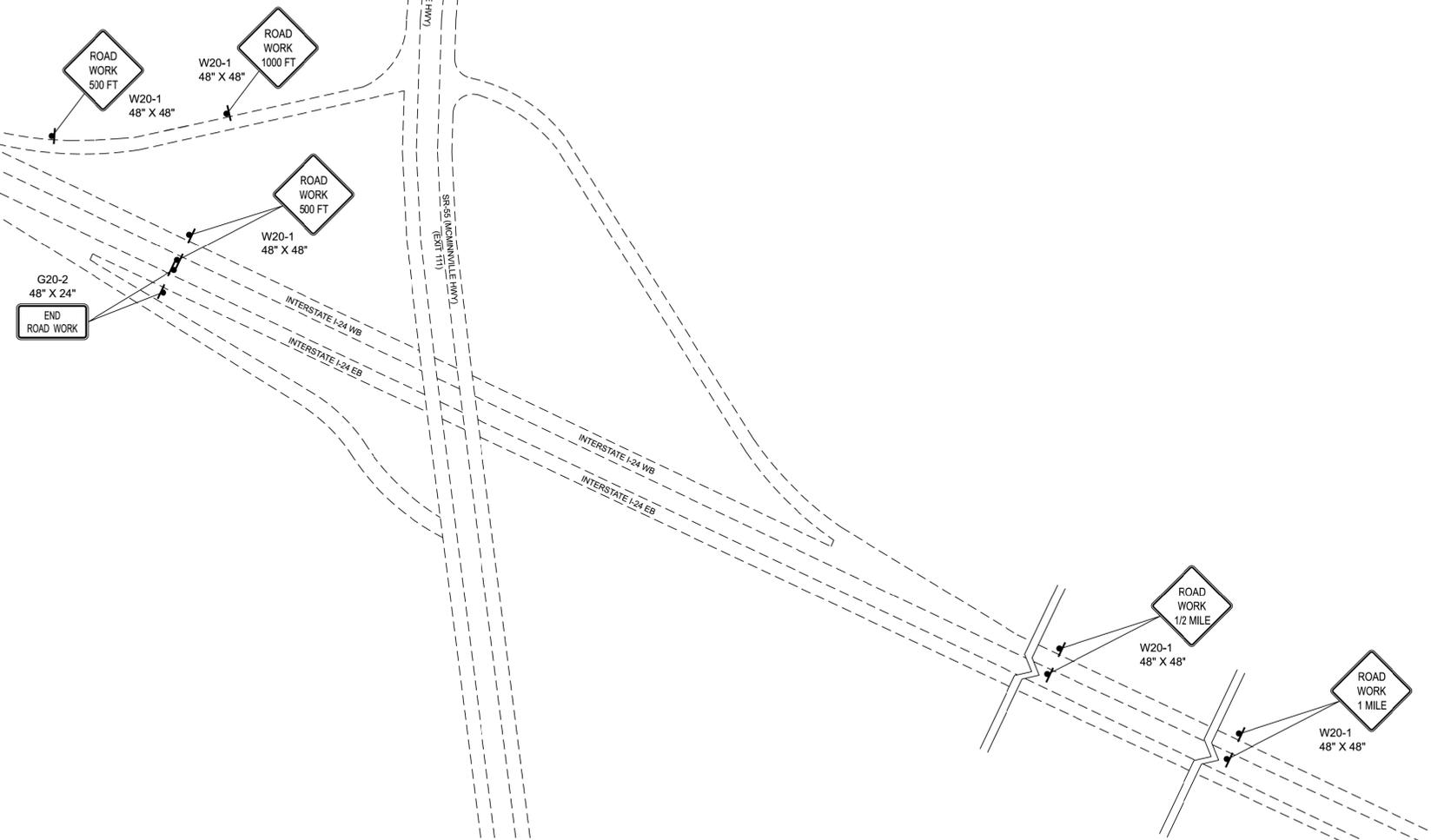
C:\PROGRAMDATA\BENTLEY\OPENROADS DESIGNER CE\CONFIGURATION\ORGANIZATION\CIVIL\DOT_STANDARD\SHEET BORDERS\DOT_BORDERS.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	T2
PS&E	2026	CRP-I-24-2(193)	T2



MATCH LINE 'A' SEE SHEET NO. T1

END SITE 1
I-24 AT SR-53 (EXIT 110) L.M. 14.042



SEALED BY

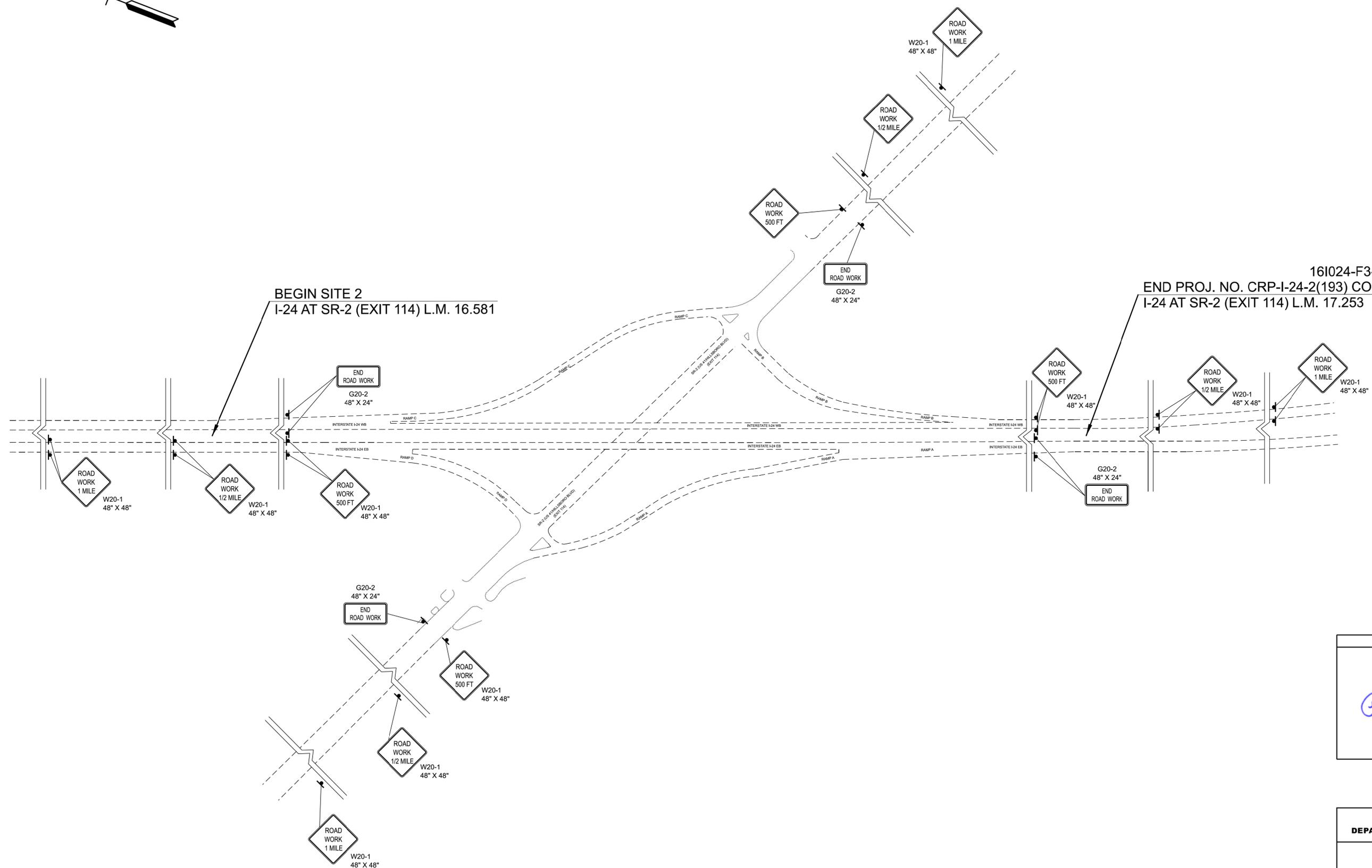
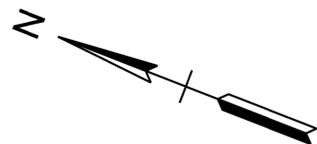
SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC
CONTROL
PLAN**

I-24 AT SR-53 (EXIT 110)
END L.M. 14.042
SCALE: 1" = 200'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	CRP-I-24-2(193)	T3
PS&E	2026	CRP-I-24-2(193)	T3



BEGIN SITE 2
I-24 AT SR-2 (EXIT 114) L.M. 16.581

16I024-F3-006
END PROJ. NO. CRP-I-24-2(193) CONST.
I-24 AT SR-2 (EXIT 114) L.M. 17.253

SEALED BY

REBECCA C. BOTTOM
REGISTERED PROFESSIONAL ENGINEER
STATE OF TENNESSEE
No. 102759
11/11/2025

SITE LAYOUT BASED ON
COFFEE2018 GEN 3 SID
PROVIDED BY TDOT

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLAN
I-24 AT SR-2 (EXIT 114)
BEGIN L.M. 16.581
SCALE: 1" = 200'

TYPE	YEAR	PROJECT NO.	SHEET NO.
P S & E	2026	CRP-I-24-2(193)	U1-1
		161024-F1-006	
		134917.00	

Index Of Sheets	
SHEET NAME	SHEET NUMBER
UTILITIES INDEX, UTILITIES OWNERS, GENERAL NOTES AND UTILITY SHEETS	U1-1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

SPECIAL NOTES

NO KNOWN
UTILITY
CONFLICTS

COFFEE COUNTY

I-24,
Interchanges at SR-53 and SR-2

UTILITY OWNERS AND CONTACTS:

<p>(NO KNOWN CONFLICTS) ELECTRIC:</p> <p>DUCK RIVER ELECTRIC MEMBERSHIP CORP. PO BOX 89 SHELBYVILLE, TN 37106</p> <p>MR. CHRIS WADE CWADE@DREMC.COM (931) 492-0379</p>	<p>(NO KNOWN CONFLICTS) FIBER:</p> <p>CENTURYLINK/LUMEN 2530 PERIMETER PLACE DR NASHVILLE, TN 37214</p> <p>MR. JARRETT PAINTER JARRETT.J.PAINTER@LUMEN.COM (423) 914-0830</p>
<p>(NO KNOWN CONFLICTS) CABLE TV:</p> <p>CHARTER COMMUNICATIONS 851 S. WILLOW AVE, SUITE 206</p> <p>MR. MORGAN WILCHER MORGAN.WILCHER@CHARTER.COM (706) 483-4925</p>	<p>(NO KNOWN CONFLICTS) TELEPHONE:</p> <p>BELLSOUTH DBA AT&T 116 SOUTH CANNON AVE MURFREESBORO, TN 37129</p> <p>MR. LEE KORNEGAY KK4096@ATT.COM (615) 631-7221</p>
<p>(NO KNOWN CONFLICTS) GAS:</p> <p>ELK RIVER PUBLIC UTILITY DISTRICT PO BOX 970 TULLAHOMA, TN 37388</p> <p>MR. LEVOID BALTIMORE LBALTIMORE@ERPUD.COM (931) 455-9311</p>	<p>(NO KNOWN CONFLICTS) WATER AND SEWER:</p> <p>CITY OF MANCHESTER 200 WEST FORT ST MANCHESTER, TN 37355</p> <p>MR. DANA DOUGLAS DDOUGLAS@CITYOFMANCHESTERTN.COM (931) 728-7171</p>

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DEPARTMENT OF TRANSPORTATION**

UTILITY
REFERENCE