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FOOTNOTES:
SHEET 2 IS NOT USED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

DAVIDSON COUNTY

SR-6 (GALLATIN PIKE),
FROM LIBERTY LANE TO NORTH OF NORTHSIDE DRIVE

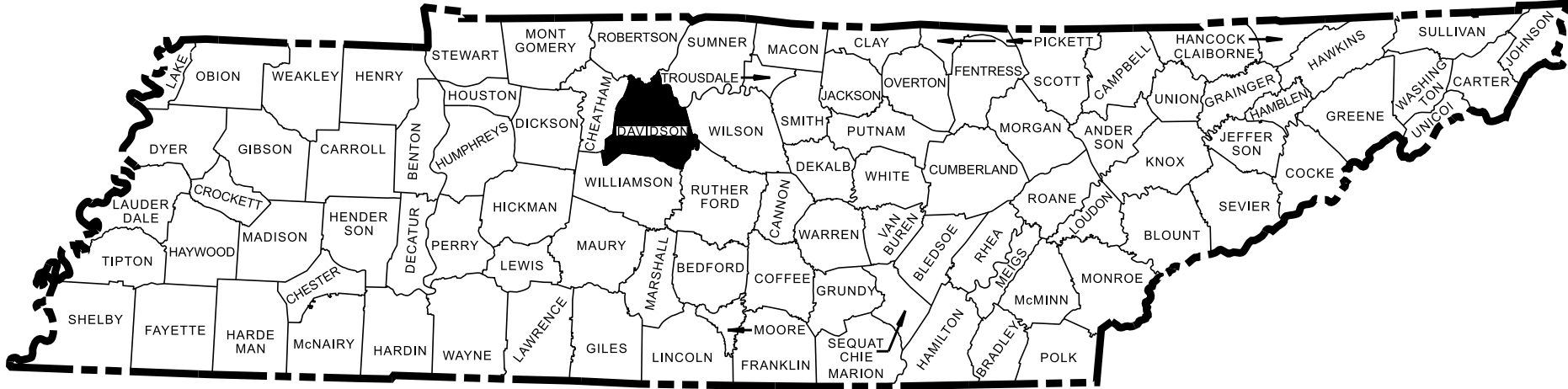
FUNCTIONAL DESIGN
SAFETY - SIGNALIZATION, STRIPING, SIGNING

STATE HIGHWAY NO. 6 F.A.H.S. NO. 31E

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

TENN.	YEAR	SHEET NO.
	2025	1
FED. AID PROJ. NO.	HSIP-6(155)	
STATE PROJ. NO.	19S006-F2-006	

REV. 05/22/25 :
UPDATED ROW ACQ. TABLE AND TRACT NUMBERS



NO EXCLUSIONS

FUNCTIONAL
DESIGN
PLANS

SEALED BY



APPROVED: 
WILL REID, DEPUTY COMMISSIONER /
CHIEF ENGINEER

DATE: _____

APPROVED: 
HOWARD H. ELEY, DEPUTY GOVERNOR &
COMMISSIONER

19S006-F2-006
END PROJECT NO. HSIP-6(155) R.O.W.
STA. 121+39.96
N 719325.8637 E 1766872.7364

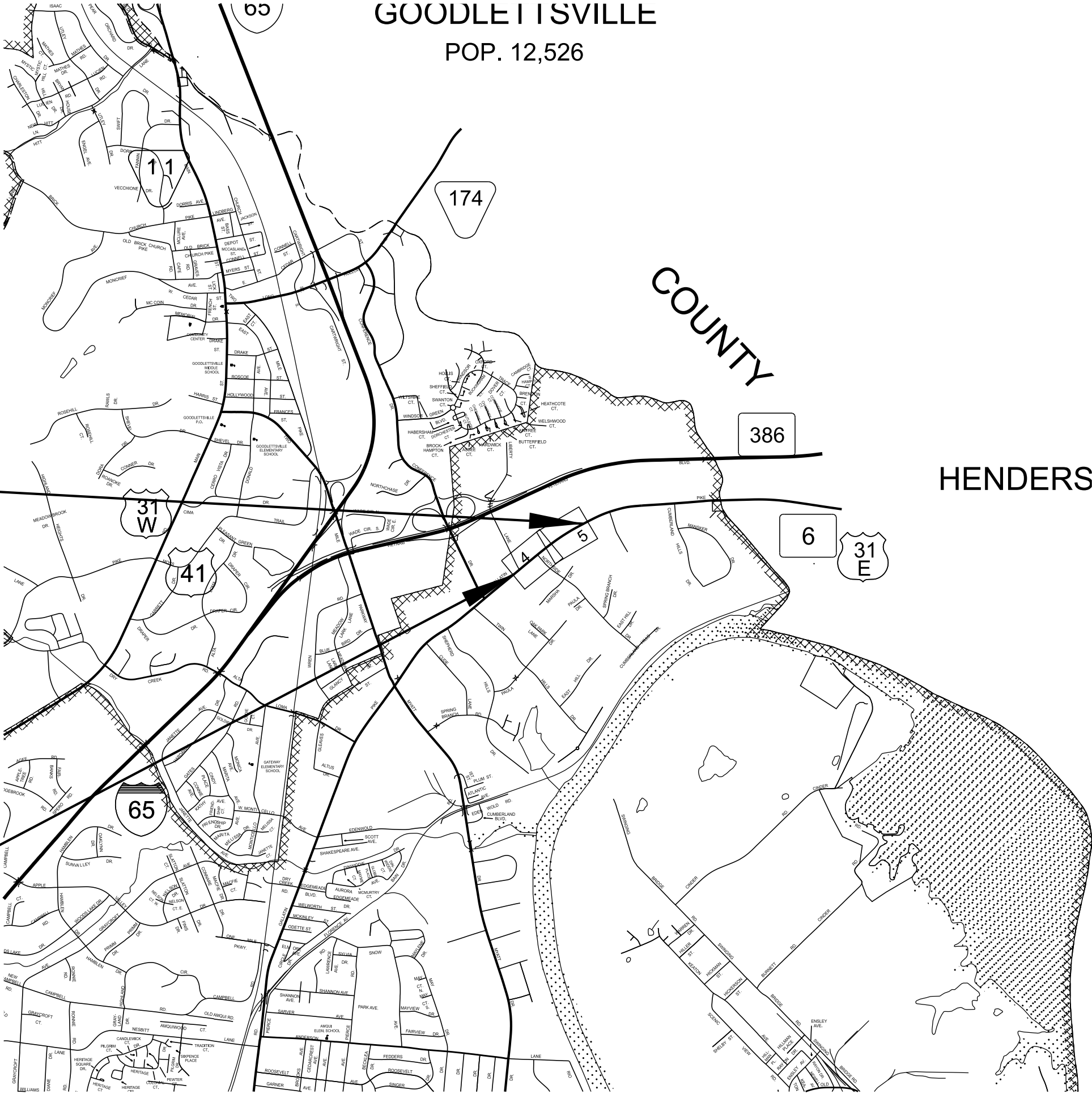
19S006-F2-006
BEGIN PROJECT NO. HSIP-6(155) R.O.W.
STA. 106+74.54
N 718447.4487 E 1765702.1774

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.

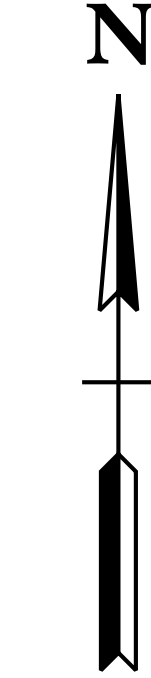
TDOT SENIOR TRANSPORTATION ENGINEER: KEVIN COUNTS, P.E.
DESIGNED BY : T-SQUARE ENGINEERING INC.
DESIGNER : CHRISTIAN TAYLOR DOTHEROW CHECKED BY JAMES O. ENSLEY III, PE, PTOE
P.E. NO. 19S006-F2-006
PIN NO. 132524.00



SCALE: 1"= 2640'

R.O.W. LENGTH	0.000 MILES
ROADWAY LENGTH	0.277 MILES
BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES ▲
PROJECT LENGTH	0.277 MILES

Not included in the project length (Non Riding Surface).



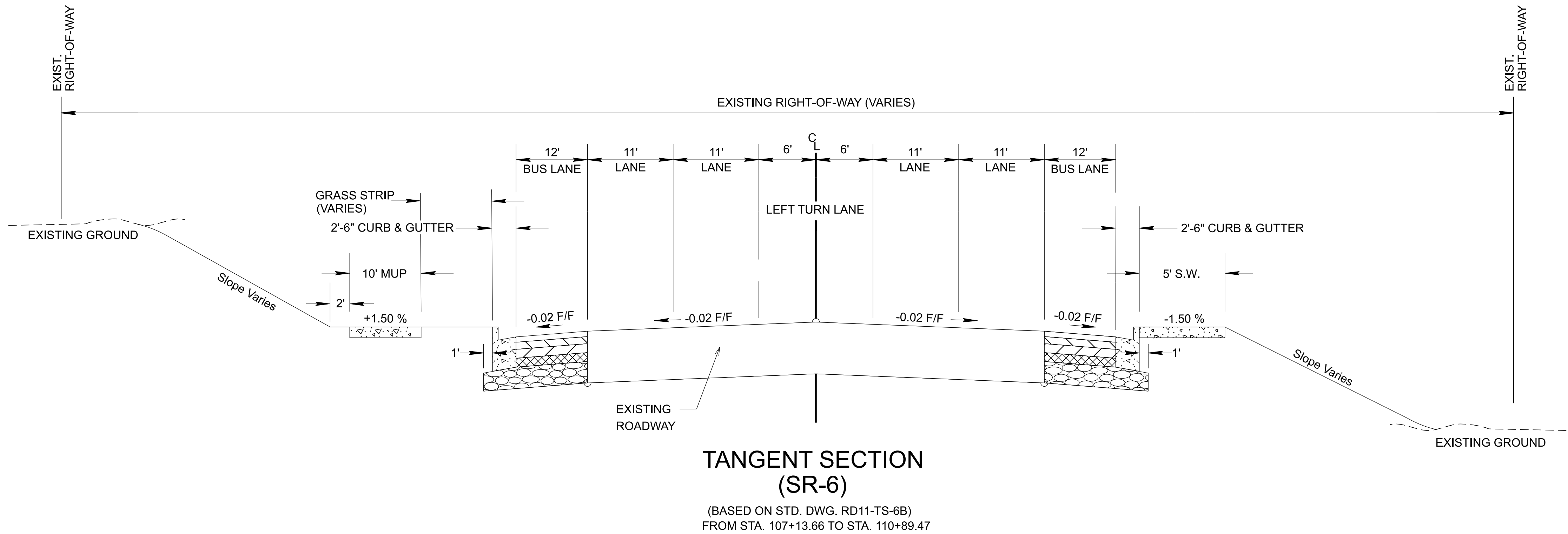
SR-6

SURVEY 04-23-24	TRAFFIC DATA
	ADT (2026) 27,480
	ADT (2046) 30,230
	DHV (2046) 3,285
	D 55 - 45
	T (ADT) 4 %
	T (DHV) 3 %
	V 40 MPH

COORDINATES ARE NAD/83(2011), ARE DATUM ADJUSTED BY
THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS
ARE REFERENCED TO THE NAVD 1988 USING GEOID 18

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED: _____	
DIVISION ADMINISTRATOR	DATE

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	2B



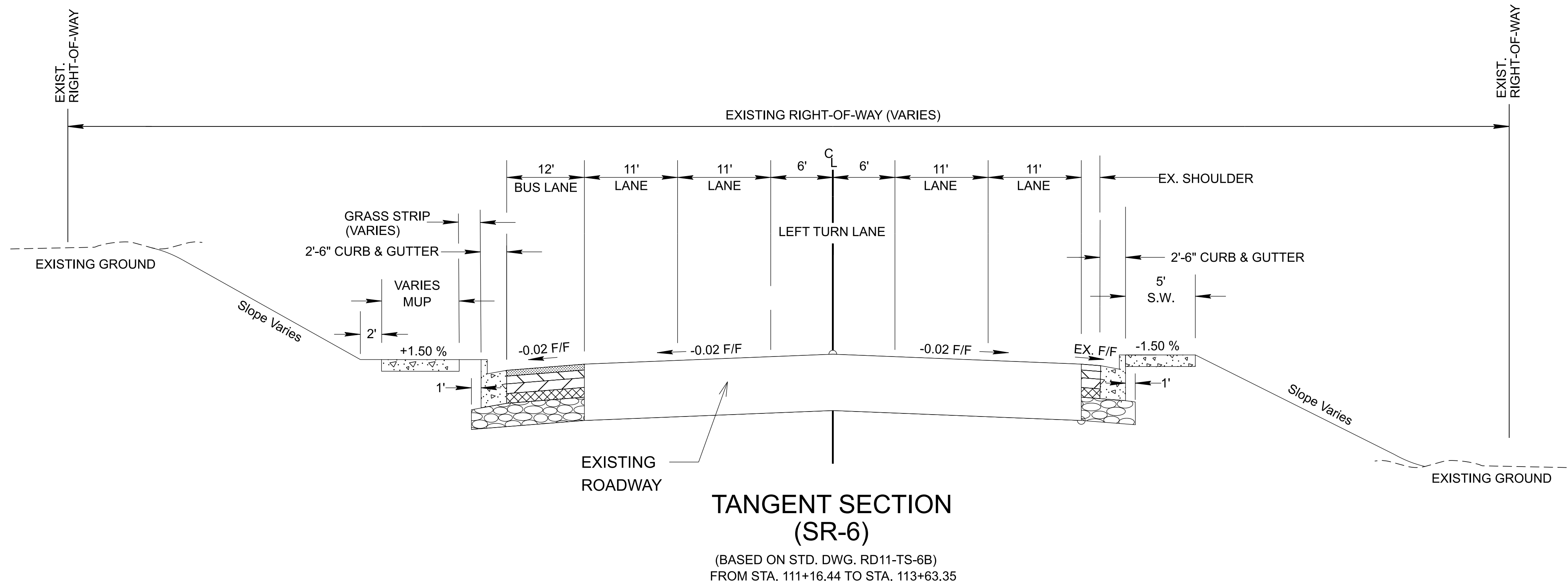
FUNCTIONAL DESIGN PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	2B1



FUNCTIONAL DESIGN PLANS

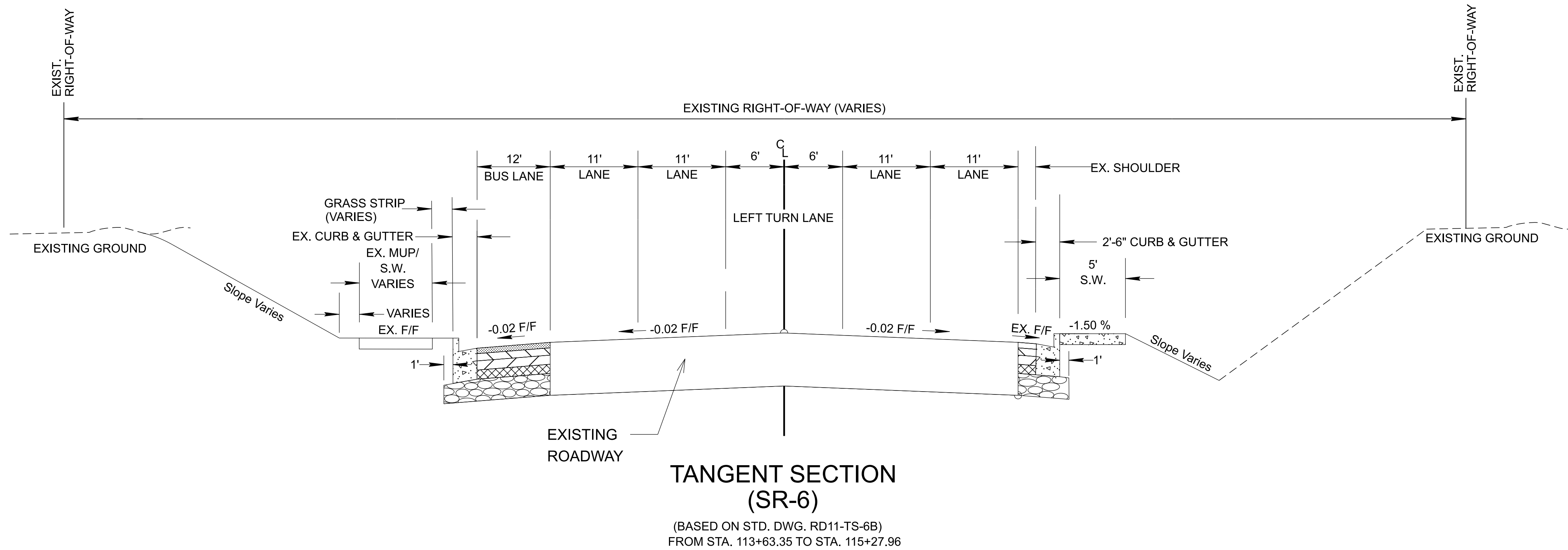
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	2B2

REV. 08/13/25
UPDATED TYPICAL SECTION



FUNCTIONAL DESIGN PLANS

SEALED BY

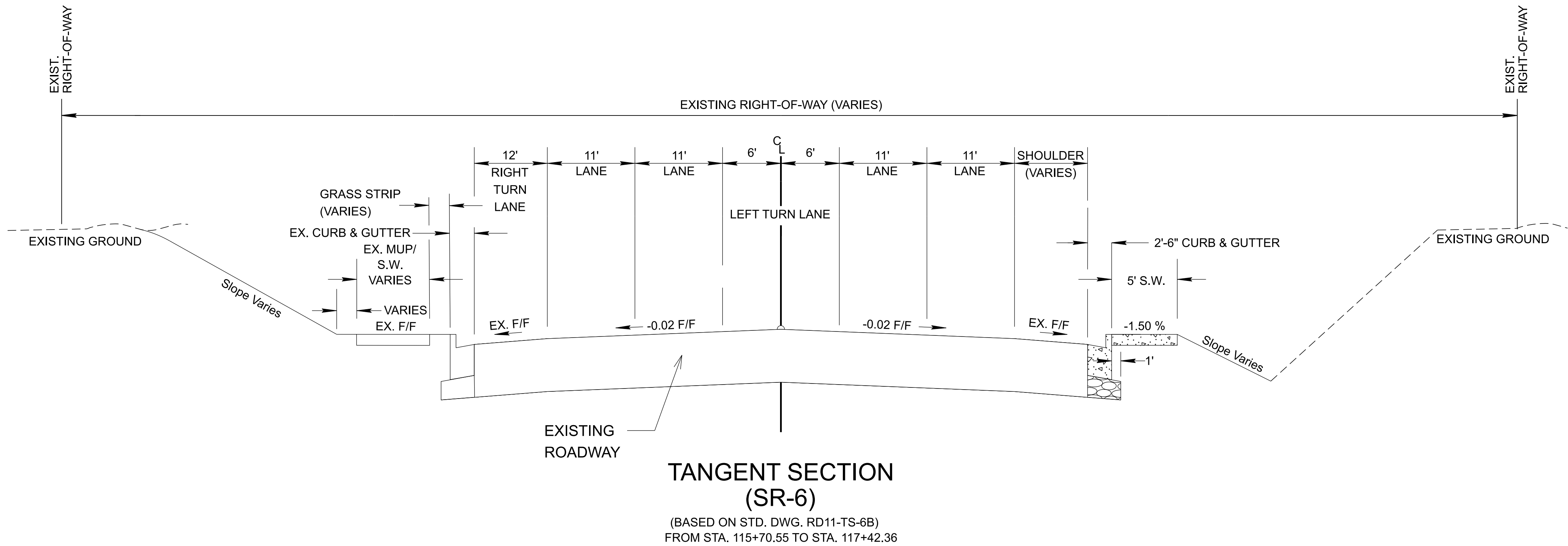
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

8/19/2025 3:29:44 PM P:\PROJECTS\2024\24-0108 (TDOT - SR-6 GALLATIN PIKE DAVIDSON COUNTY)\FIGURES\CONFIGURATION\WORKSPACES\TDOT_STANDARDS\WORKSETS\132524.00\DGN\19S006-SHT-TYPICAL SECTION_AUGUST12.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	2B3

REV. 08/13/25
UPDATED TYPICAL SECTION



FUNCTIONAL DESIGN PLANS

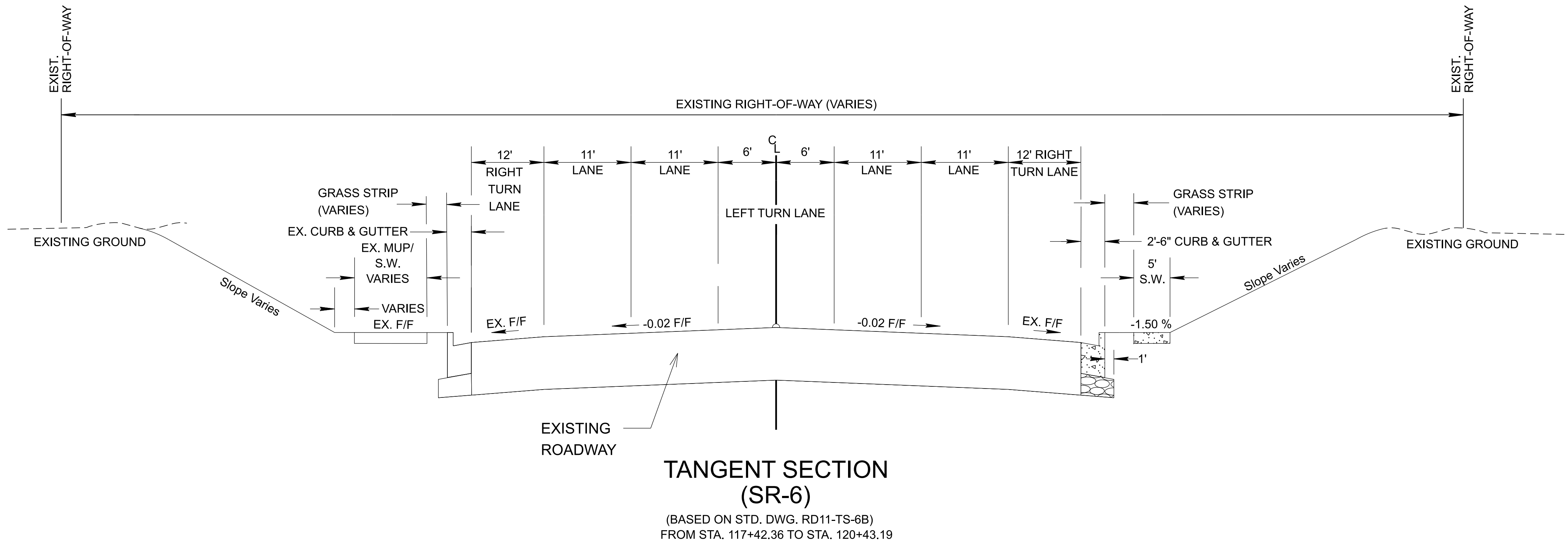
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	2B4

REV. 08/13/25
UPDATED TYPICAL SECTION



FUNCTIONAL DESIGN PLANS

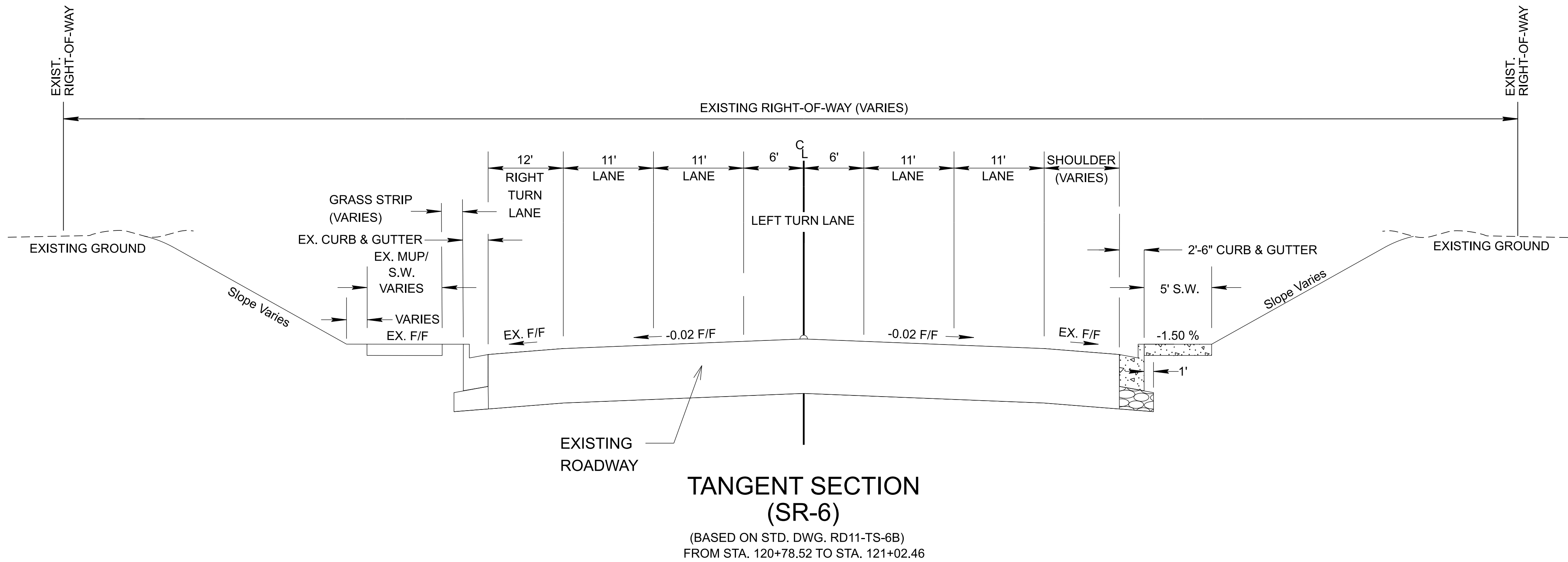
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	2B5

REV. 08/13/25
UPDATED TYPICAL SECTION



FUNCTIONAL DESIGN PLANS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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 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.

- (5)

SAFETY – SIGNALIZATION, SIGNING, STRIPING, MULTIUSE PATH AND SIDEWALK INSTALLATION.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSP-6(155)	2E

FUNCTIONAL
DESIGN
PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL
NOTES

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

CABLE:
COMCAST (XFINITY)
660 MAINSTREAM DRIVE
NASHVILLE, TN 37228
CONTACT: KATELYN GROSS
OFFICE PHONE: ___ ___ ___
CELL PHONE: 615 961 2453
Email: KATELYN_GROSS@COMCAST.COM

ELECTRIC:
NASHVILLE ELECTRIC SERVICE
1214 CHURCH STREET, ROOM 363
NASHVILLE, TN 37246
CONTACT: JON SIPES
OFFICE PHONE: 615 747 3529
CELL PHONE: ___ ___ ___
Email: JSIPES@NESPOWER.COM
Email: UTILITYRELOCATIONS@NESPOWER.COM

GAS:
PIEDMONT GAS
83 CENTURY BOULEVARD
NASHVILLE, TN 37214
CONTACT: SCOTT HAZARD
OFFICE PHONE: ___ ___ ___
CELL PHONE: 615 714 2389
Email: SCOTTY.HAZARD@DUKE-ENERGY.COM
CONTACT: SCOTT HAZARD
OFFICE PHONE: 615 872 2457
CELL PHONE: 615 598 4789
EMAIL: NATHANIEL.MILLER2@DUKE-ENERGY.COM

TELEPHONE AND FIBER:
AT&T
116 SOUTH CANNON AVENUE
MURFREESBORO, TN 37129
CONTACT: LEE KORNEGAY
OFFICE PHONE: 615 848 2082
CELL PHONE: ___ ___ ___
Email: KK4096@ATT.COM

WATER:
MADISON SUBURBAN UTILITY
108 WEST WEBSTER
MADISON, TN 37116
CONTACT: CINDY ELLIS
OFFICE PHONE: 615 868 3201
CELL PHONE: ___ ___ ___
EMAIL: CELLIS@MSUD.NET

FIBER OPTIC:
XO COMMUNICATIONS
101 MOLLOY ST, SUITE 300
NASHVILLE, TN 37201
CONTACT: DEREK DEE
OFFICE PHONE: ___ ___ ___
CELL PHONE: 615 207 1297
Email: DEREK.R.DEE@VERIZON.COM

FIBER OPTIC:
ZAYO BADWIDTH
820 FESSSLERS PKWY, SUITE 240
NASHVILLE, TN 37210
CONTACT: JAMES BLACK
OFFICE PHONE: ___ ___ ___
CELL PHONE: 179 216 8508
Email: JAMESR.BLACK@ZAYO.COM
CONTACT: TIMOTHY WRIGHT
CELL PHONE: 585 490 4793
Email: TIMOTHY.WRIGHT@ZAYO.COM

SEWER:
METRO WATER & SEWER SERVICE:
1600 SECOND AVENUE NORTH
NASHVILLE, TN 37208
CONTACT: GEORGE REAGAN
OFFICE PHONE: 615 862 4572
CELL PHONE: 615 917 0275
Email: GEORGE.REAGAN@NASHVILLE.GOV
CONTACT: KECIA CAIN
OFFICE PHONE: 615 862 4801
CELL PHONE: 615 796 9595
Email: KECIA.CAIN@NASHVILLE.GOV

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	3

FUNCTIONAL
DESIGN
PLANS

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

UTILITY NOTES
AND
UTILITY OWNERS

8/19/2025 3:15:53 PM P:\PROJECTS\2024\24-0108 (TDOT - SR-6 GALLATIN PIKE DAVIDSON COUNTY)\FIGURES\CONFIGURATION\WORKSPACES\TDOT_STANDARD\WORKSETS\132524.00\DGN\19S006-SHT-R.O.W ACQUISITION TABLE.DGN

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													
1	RB RIVERGATE LLC	26150	100.00	0130701	0067302		10.174	10.174					10.174					
2	LIBERTY LANE, LLC	26000	123.00	202550403	0025513	17.005		17.005				17.005						
3	127 AMM LLC, A FLORIDA LIMITED LIABILITY COMPANY	26150	039.00	20220906	0100006		8.538	8.538					8.538			777		
4	HIGHERS, LINDA W., REVOCABLE T	26000	047.00	20190826	0097843	0.920		0.920				0.920						
5	JIM CROSSMAN REALTY, LLC	26000	049.00	20201130	0139140	1.974		1.974				1.974						
6	JERIES SALIM HUSARI, SALIM HUSARI AND PHILLIP HUSARI AS TENANTS IN COMMON	26150	041.00	20240410	0025492		0.718	0.718					0.718			388		
7	SILVERMAN PROPERTIES, LP, A TENNESSEE LIMITED	26150	004.00	20030606	0078745		0.547	0.547					0.547			216		
8	GOUGAR MADISON REAL PROPERTY, LLC	26000	082.00	20191127	0122751	4.105		4.105				4.105						
9	BANK OF THE OZARKS, AN ARKANSAS STATE BANK	26150	042.00	20180323	0027556		0.779	0.779					0.779			219		
10	AYERS, JAMES W.	26150	017.00	00008609	0000929		1.720	1.720					1.720					
11	WOLFE, BRIAN & BARAJAS, OSWALDO	26000	148.00	20241213	0096898	1.701		1.701				1.701						
12	NATIONAL RETAIL PROPERTIES, INC	26150	018.00	20180628	0062398		2.414	2.414					2.414					
13	WAL MART REAL ESTATE BUSINESS	26000	176.00	20060905	0109521	24.134		24.134				24.134						
14	2220 GALLATIN PARTNERS	26000	177.00	20190402	0029766	1.436		1.436				1.436						
15	LOIS MADISON LLC, A DELAWARE LIMITED LIABILITY COMPANY	26150	020.00	20071002	0120282		1.925	1.925					1.925			865		
16	CAMERON, LYDIA A.	26000	178.00	20210813	0109553	0.691		0.691				0.691						
17	REALTY INCOME PROPERTIES 30 LLC	26000	179.00	20250224	0013553	0.880		0.880				0.880						
18	SSI NORTHSIDE, LLC	26150	045.00	20120801	0067774		21.404	21.404					21.404					
19	SERRA WORKS OF MADISON, L.L.C.	26000	054.00	20140203	0009578	11.654		11.654				11.654						
20	GALLATIN PIKE GP	26150	047.00	20210211	0019449		1.067	1.067					1.067					
ACQUISITION TOTALS (ACRES)																0.057		

DISTURBED AREA		
IN BETWEEN SLOPE LINES	1.210	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	2.795	(AC)
TOTAL DISTURBED AREA	4.005	(AC)
TOTAL PROJECT AREA	4.687	(AC)

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSP-6(155)	3A

REV. 05/08/25
ADDED TEMP. CONST. EASEMENT
REV. 05/22/25
UPDATED ROW ACQUISITION TABLE
REV. 08/13/25
UPDATED ROW ACQUISITION TABLE

FUNCTIONAL
DESIGN
PLANS

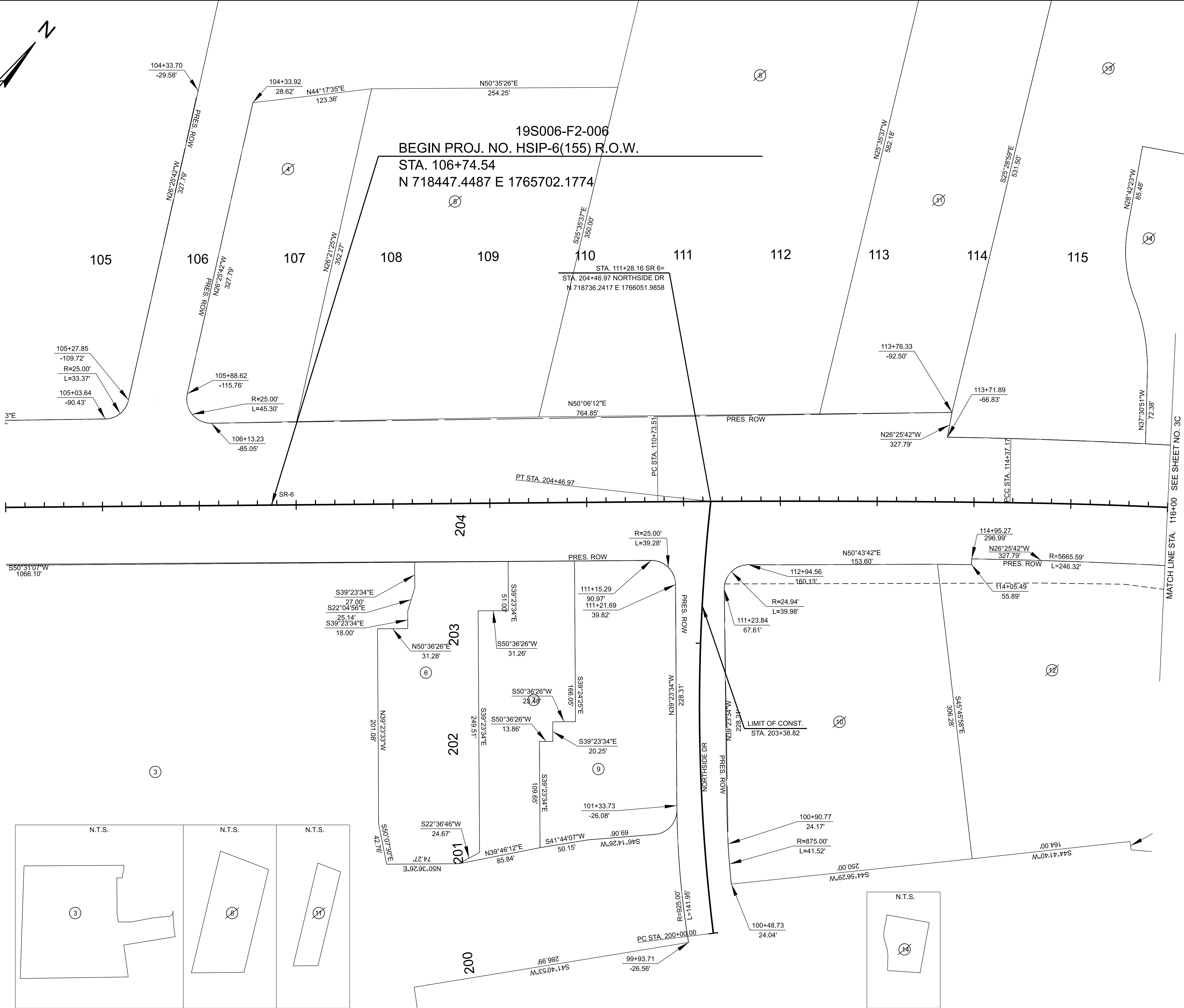
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RIGHT-OF-WAY
ACQUISITION
TABLE

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	3B

REV. 05/22/25
UPDATED TRACT NUMBERS



FUNCTIONAL DESIGN PLANS

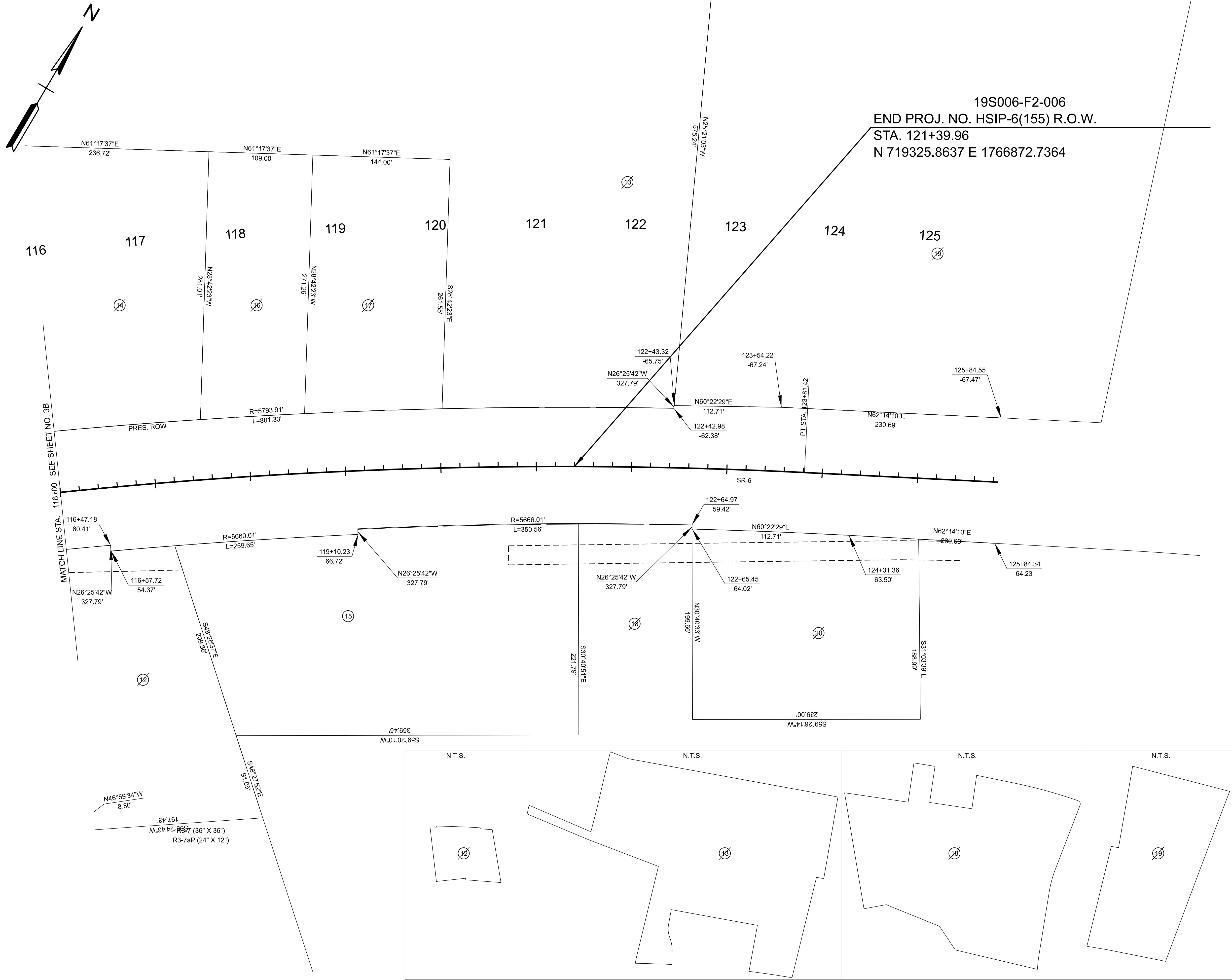
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ALL ELEVATIONS ARE REFERENCED
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY
MAP

STA. 104+00.00 TO STA. 116+00.00
SCALE: 1" = 50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	3C

REV. 05/22/25
UPDATED TRACT NUMBERS

FUNCTIONAL DESIGN PLANS

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DEPARTMENT OF TRANSPORTATION

PROPERTY
MAP

STA. 116+00.00 TO STA. 125+84.64
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSP-6(155)	4

REV. 05/08/25
ADDED TEMP. CONST. EASEMENT
REV. 05/22/25
UPDATED TRACT NUMBERS

FUNCTIONAL DESIGN PLANS

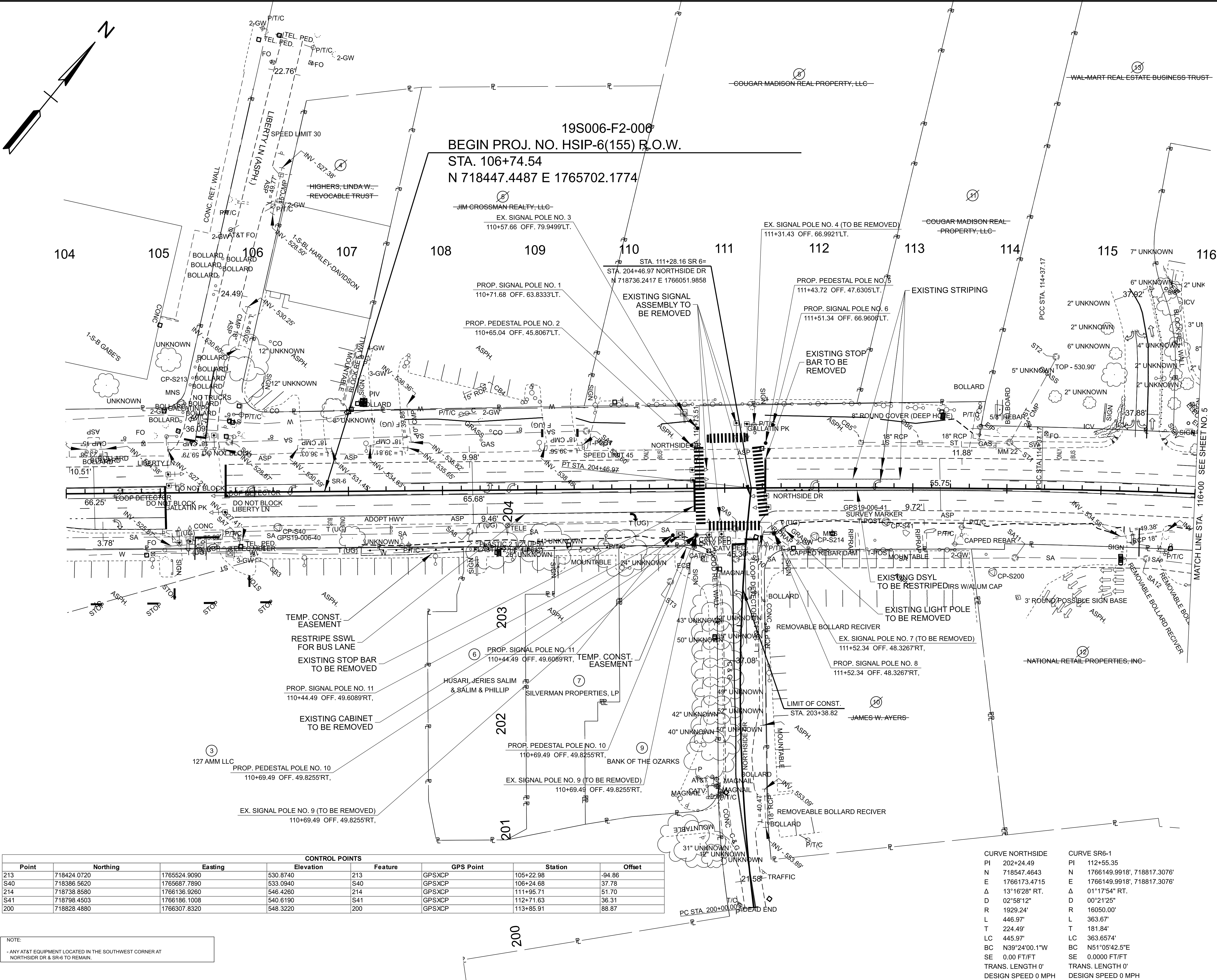
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT
LAYOUT

STA. 104+00.00 TO STA. 116+00.00
SCALE: 1" = 50'



CONTROL POINTS									
Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset		
213	718424.0720	1765524.9090	530.8740	213	GPSXCP	105+22.98	-94.86		
S40	718386.5620	1765687.7890	533.0940	S40	GPSXCP	106+24.68	37.78		
214	718738.8580	1766136.9260	546.4260	214	GPSXCP	111+95.71	51.70		
S41	718798.4503	1766186.1008	540.6190	S41	GPSXCP	112+71.63	36.31		
200	718828.4880	1766307.8320	548.3220	200	GPSXCP	113+85.91	88.87		

NOTE:
- ANY AT&T EQUIPMENT LOCATED IN THE SOUTHWEST CORNER AT
NORTHSIDE DR & SR-6 TO REMAIN.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSP-6(155)	4B

FUNCTIONAL DESIGN PLANS

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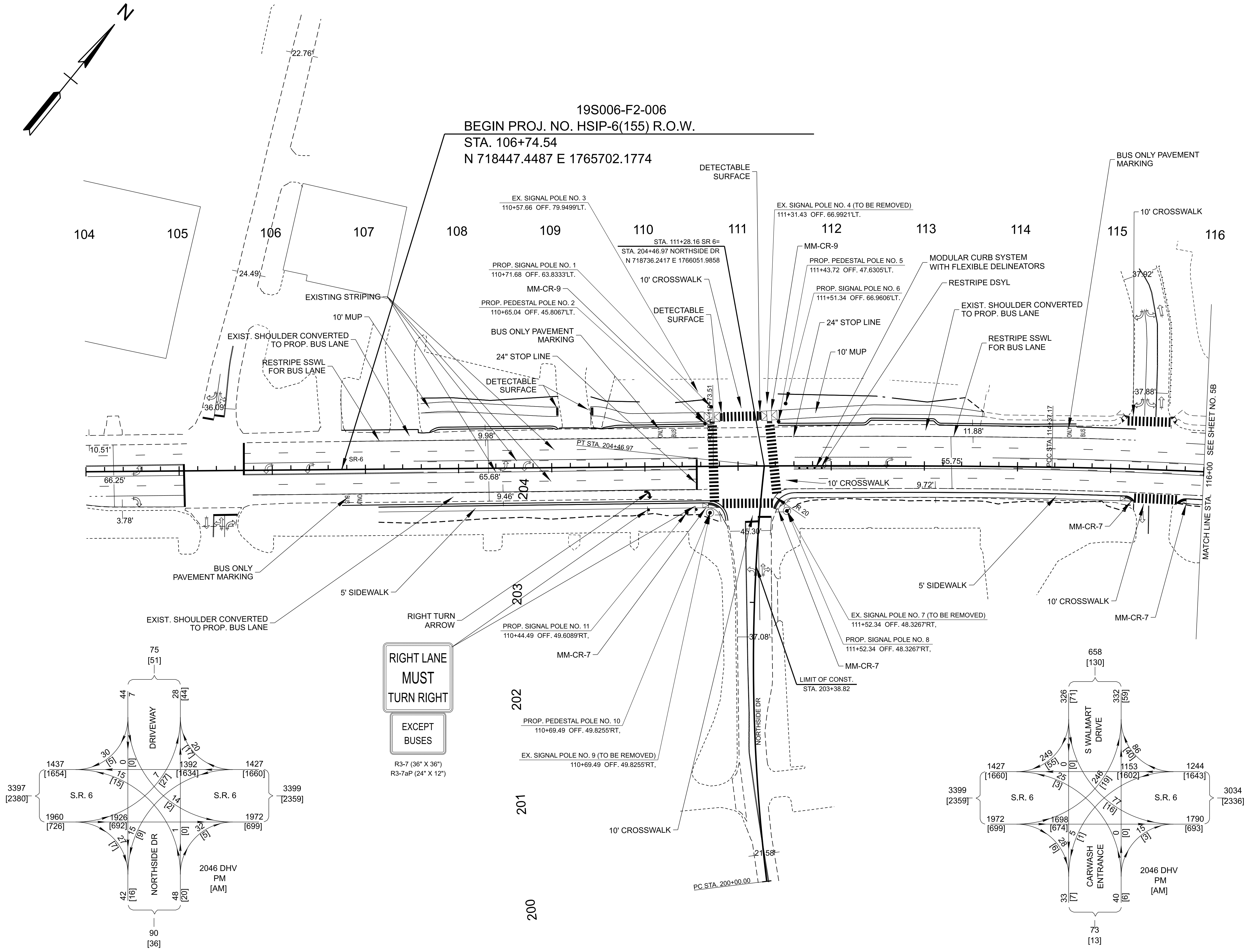
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

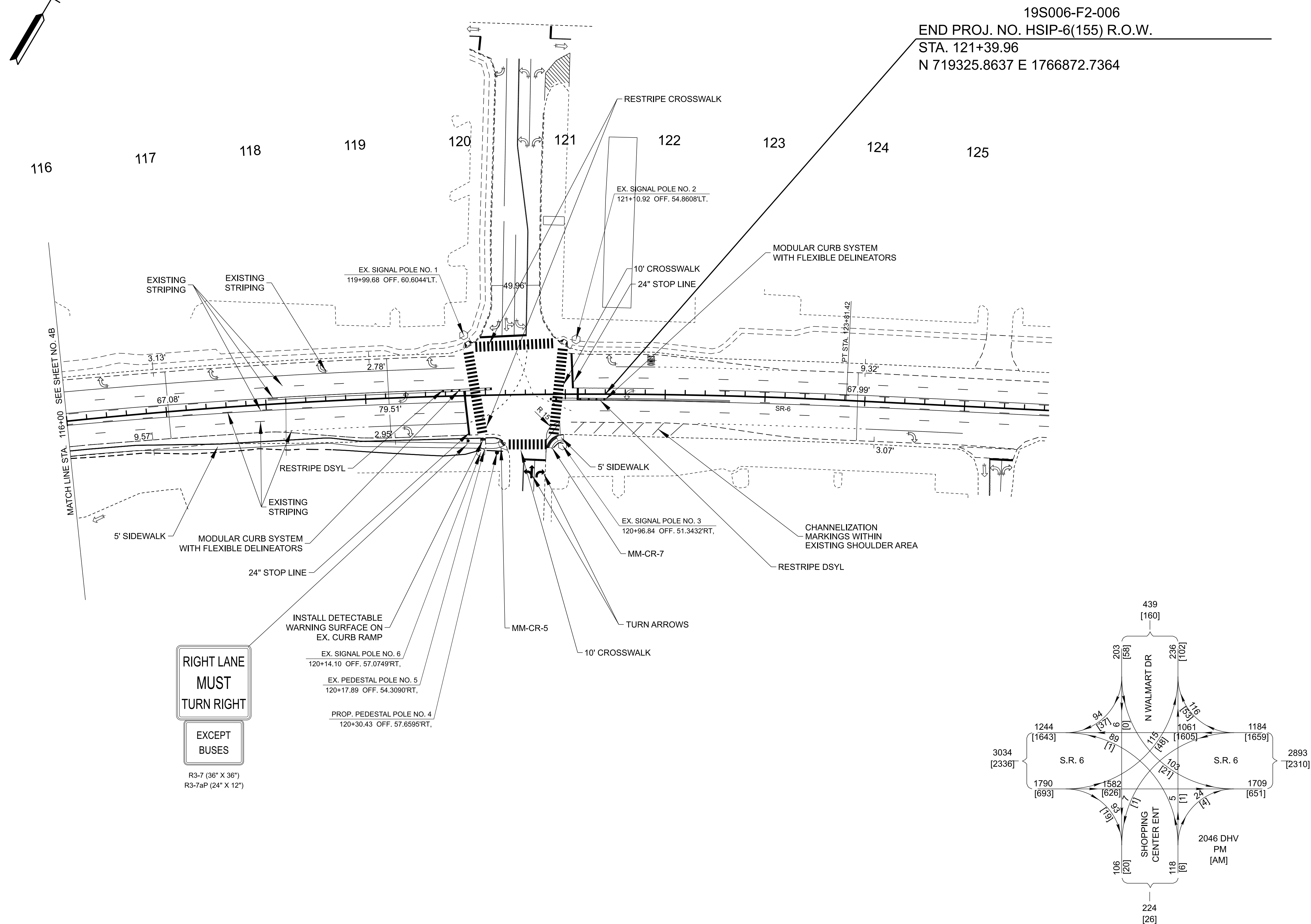
PROPOSED
LAYOUT

STA. 104+00.00 TO STA. 116+00.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	5B



FUNCTIONAL DESIGN PLANS

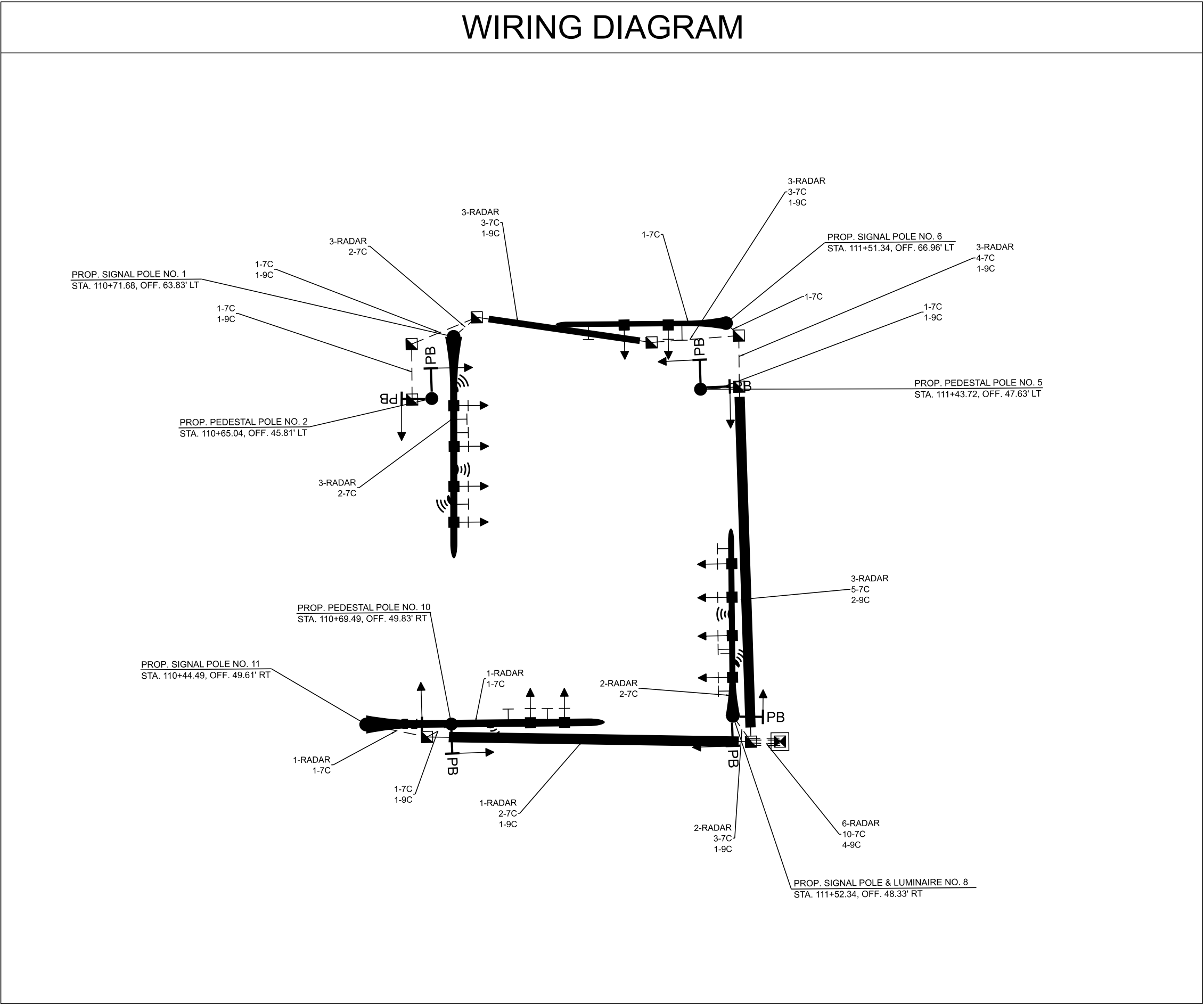
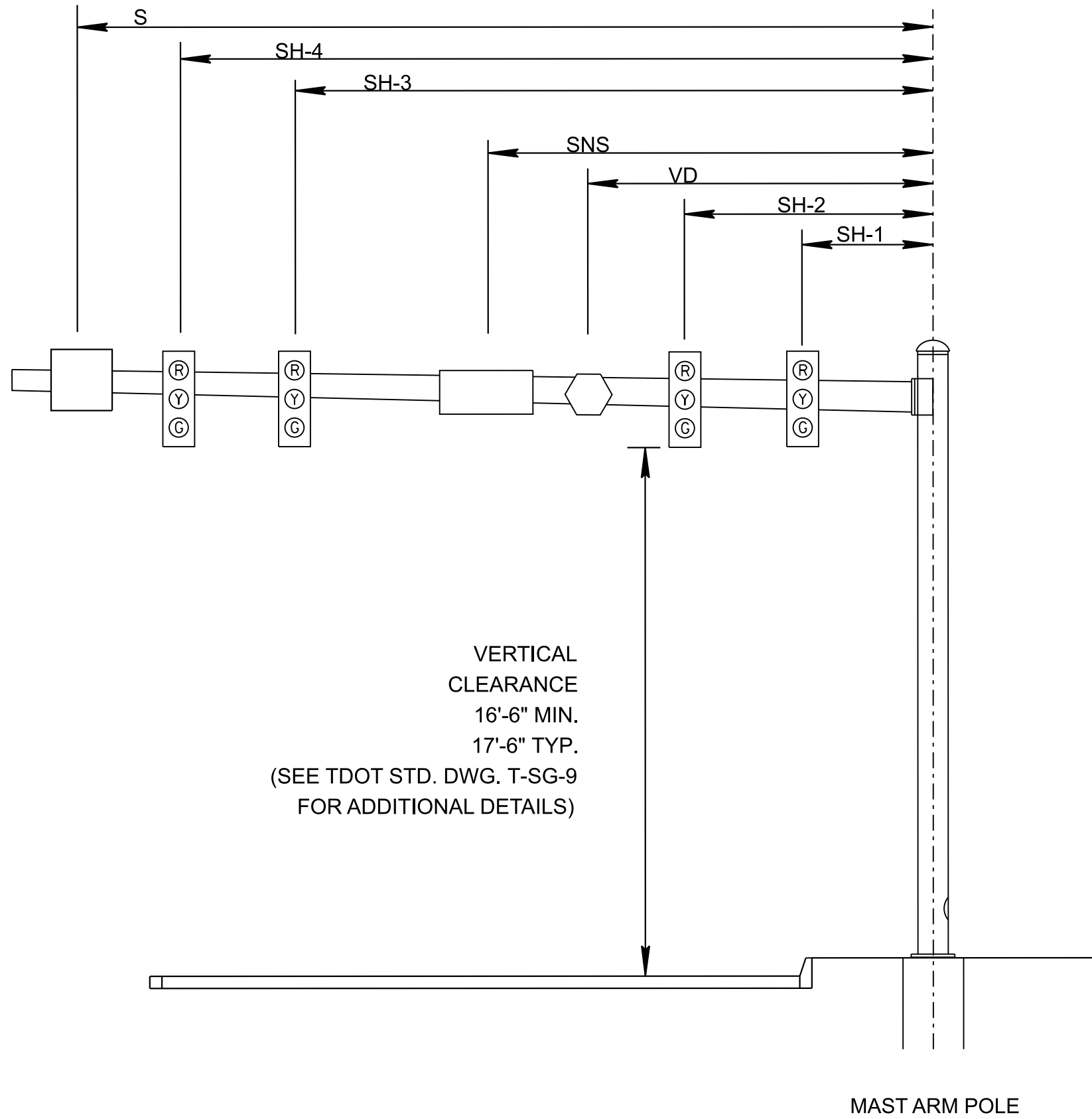
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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

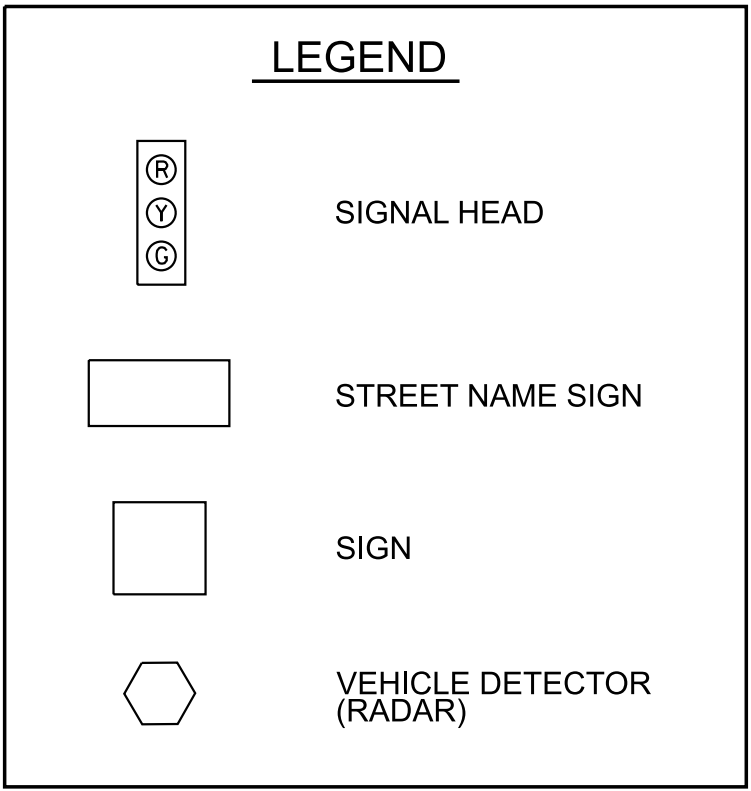
PROPOSED LAYOUT

STA. 116+00.00 TO STA. 125+84.64
SCALE: 1" = 50'



SIGNAL SUPPORT POLE DATA AND MAST ARM DETAILS																	
POLE NO.	STATION	OFFSET	NORTHING	EASTING	ARM LENGTH	SH-1	SNS	SH-2	S1	S2	S3	SH-3	VD-1	VD-2	VD-3	SH-4	GROUND EL. @ POLE
SP1	110+71.68	63.83' LT	718749.5666	1765967.7330	65.0'	20.0'	49.0'	32.0'	24.0'	28.0'	-	44.0'	15.0'	39.0'	47.5'	54.5'	542.36
PP2	110+65.04	45.81' LT	718731.4398	1765974.0935	-	-	-	-	-	-	-	-	-	-	-	-	542.33
PP5	111+43.72	47.63' LT	718782.9648	1766033.8564	-	-	-	-	-	-	-	-	-	-	-	-	542.33
SP6	111+51.34	66.96' LT	718802.7653	1766027.5312	50.0'	17.0'	40.5'	29.0'	13.0'	-	-	-	-	-	-	-	542.44
SP8	111+52.34	48.33' RT	718714.1500	1766101.2840	55.0'	11.0'	50.0'	24.0'	7.0'	20.0'	-	35.0'	15.0'	30'	-	46.0'	542.44
PP10	110+69.49	49.83' RT	718660.5350	1766038.4190	-	-	-	-	-	-	-	-	-	-	-	-	542.35
SP11	110+44.49	49.61' RT	718644.7825	1766019.0062	70.0'	48.5'	53.5'	58.5'	42.0'	-	-	-	37.0'	-	-	-	542.14

INTERSECTION @ SR-6 & NORTHSIDE DR



S: SIGN
SNS: STREET NAME SIGN
SH-X: SIGNAL HEAD
VD: VEHICLE DETECTOR (RADAR)

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	6A

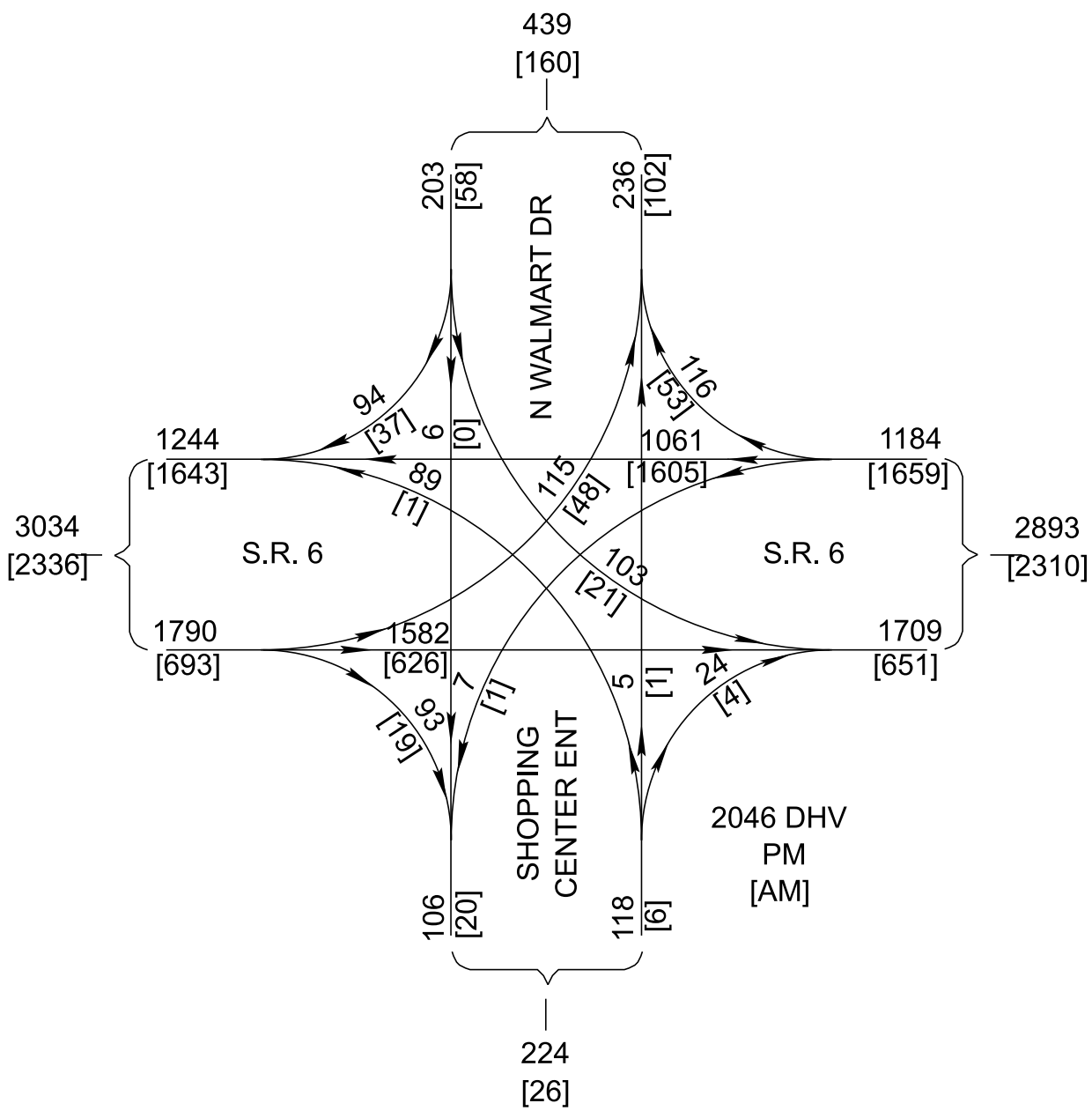
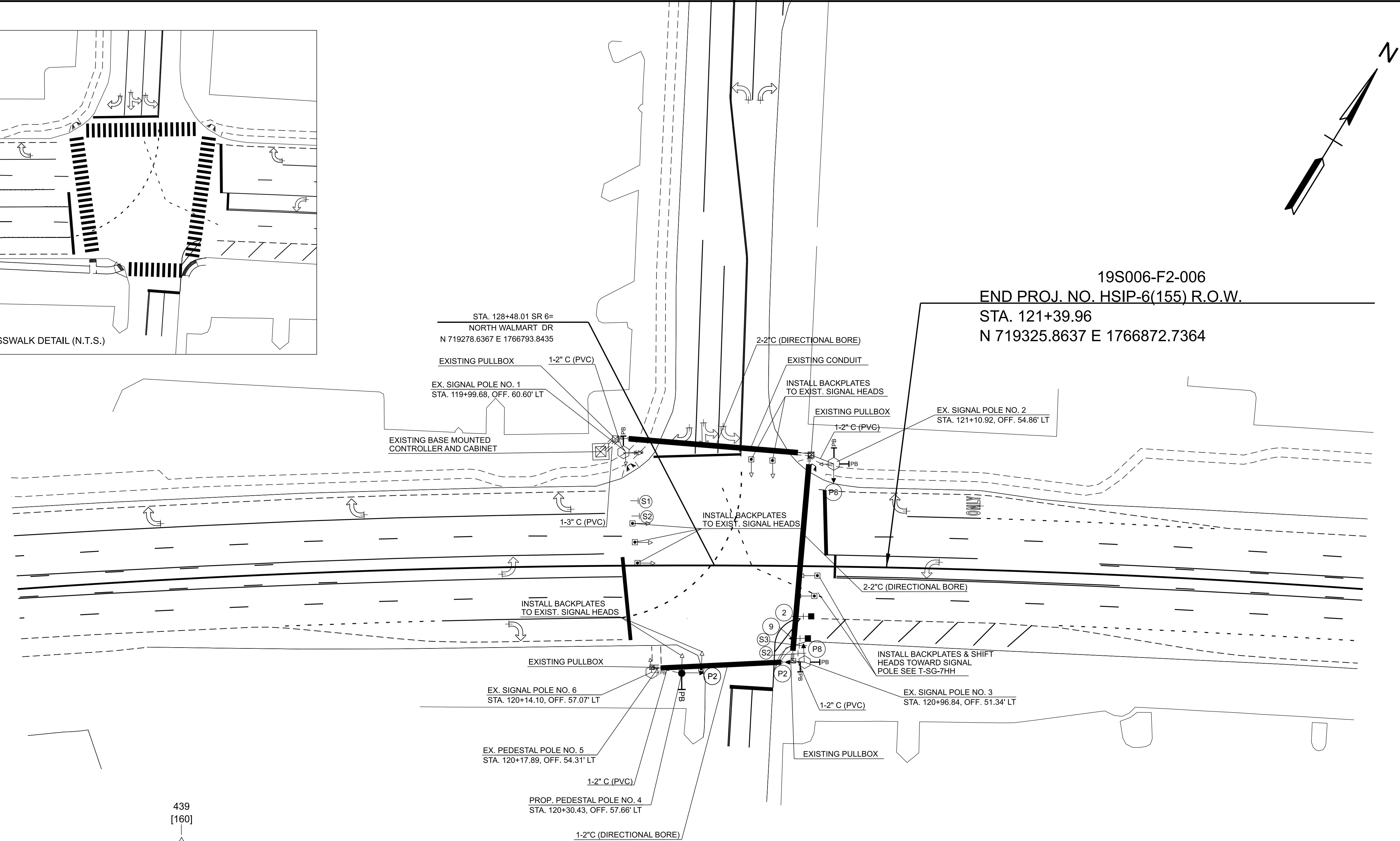
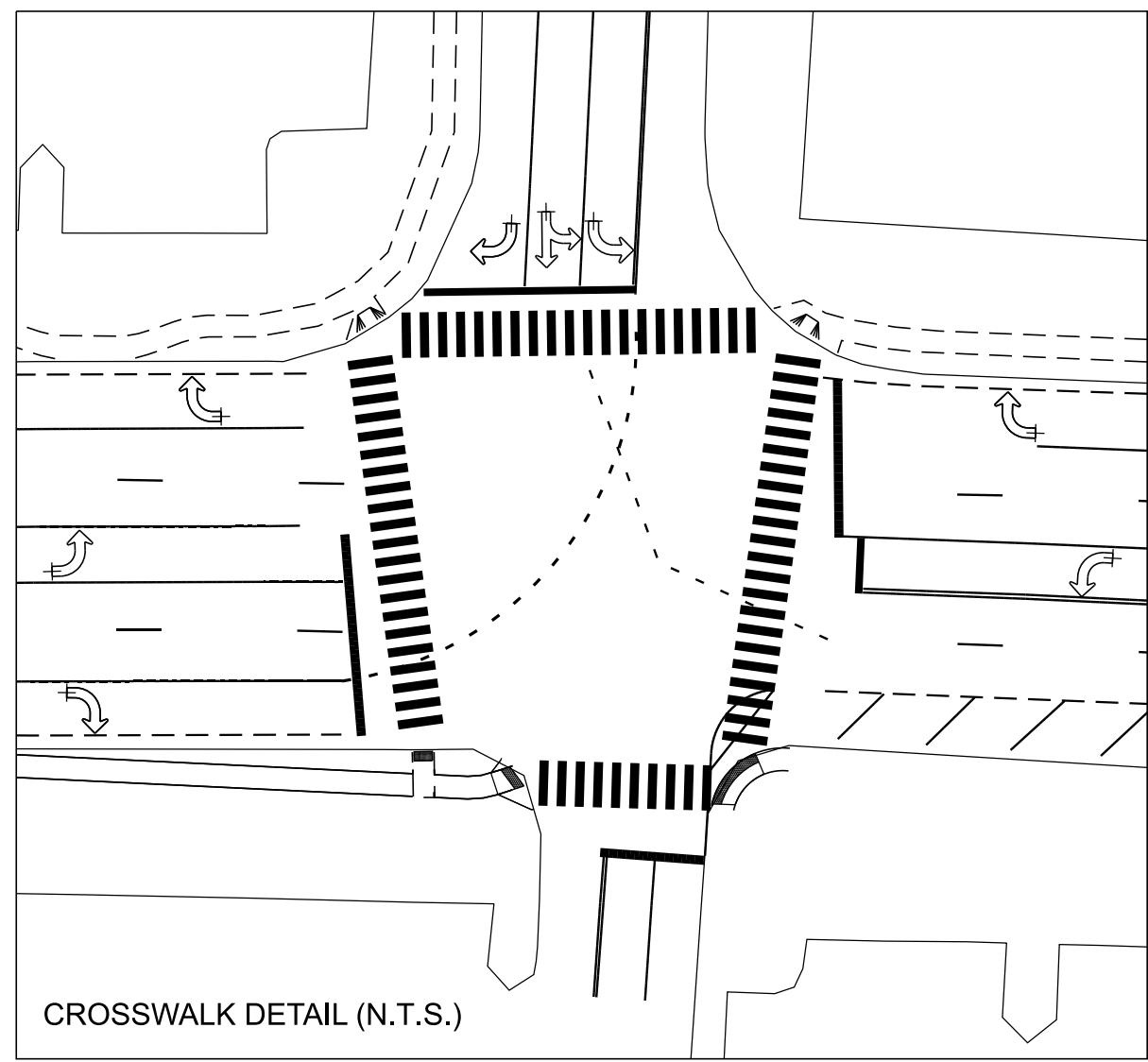
FUNCTIONAL
DESIGN
PLANS

SEALED BY

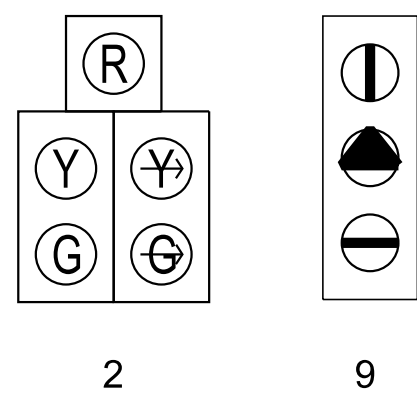
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNAL
DETAILS
INTERSECTION @ SR-6 & NORTHSIDE DR
NOT TO SCALE

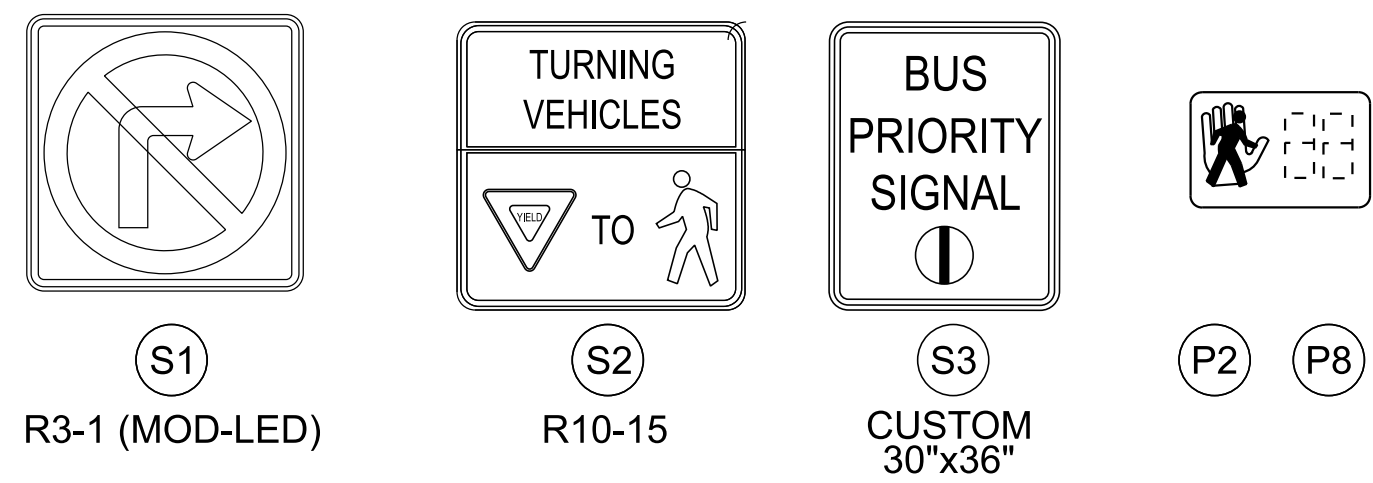
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PROPOSED TRAFFIC SIGNAL HEADS
*SIGNAL HEADS SHALL HAVE BACKPLATES



PROPOSED TRAFFIC SIGNAL HEADS & SIGNS



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	7

FUNCTIONAL DESIGN PLANS

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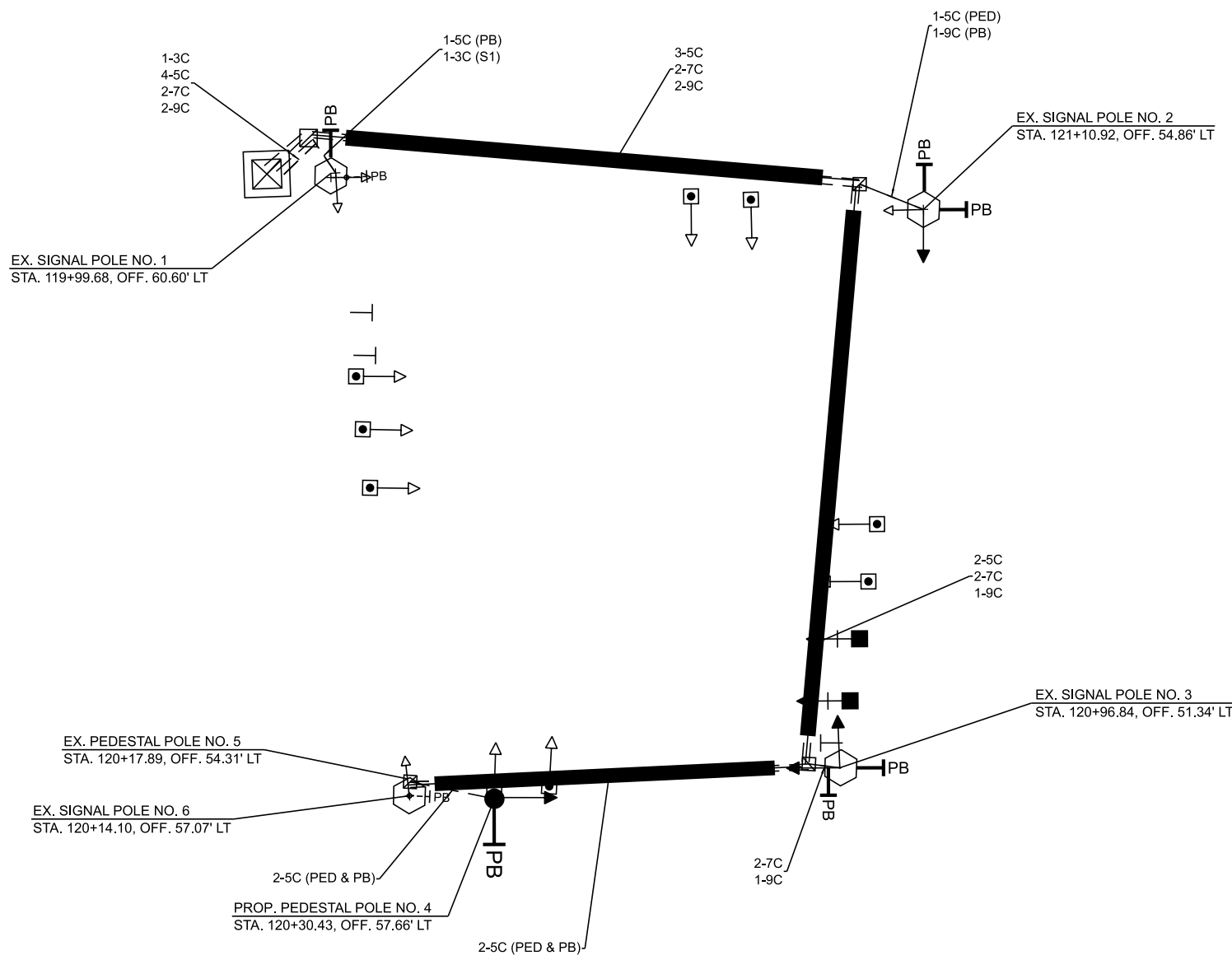
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DEPARTMENT OF TRANSPORTATION

SIGNAL
LAYOUT
INTERSECTION @ SR-6 & N WALMART DR

SCALE: 1" = 30'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	7A

WIRING DIAGRAM



SIGNAL SUPPORT POLE DATA AND MAST ARM DETAILS

POLE NO.	STATION	OFFSET	NORTHING	EASTING	ARM	ARM LENGTH	SH-1	SNS	SH-2	S1	S2	S3	S4	SH-3	SH-4	VD-1	VD-2	VD-3		GROUND EL. @ POLE
EP1	119+99.68	60.60' LT	719253.2467	1766752.7184	EX.	EX.	EX.	-	EX.	26.0'	-	-	34.0'	EX.		-	-	-		524.29
EP2	121+10.92	54.86' LT	719311.1017	1719311.1017	EX.	EX.	EX.	-	EX.	-	-	-	-	-		-	-	-		517.44
EP3	120+96.84	51.34' RT	719303.8939	1766835.6354	EX.	EX.	14.0'	-	25.0'	6.0'	10.0'	0'	-	33.5'	45.5'	-	-	-		518.02
PP4	120+30.43	57.66' RT	719269.4496	1766778.8622	-	-	-	-	-	-	-	-	-	-		-	-	-		520.72
EP5	120+17.89	54.31' RT	719262.8592	1766768.1861	-	-	-	-	-	-	-	-	-	-		-	-	-		521.22
EP6	120+14.10	57.07' RT	719260.8627	1766764.9634	EX.	EX.	EX.	-	EX.	-	-	-	-	EX.		-	-	-		521.86

INTERSECTION @ SR-6 & N WALMART DR

LEGEND

- SIGNAL HEAD
- STREET NAME SIGN
- SIGN
- VEHICLE DETECTOR (RADAR)

- S: SIGN
- SNS: STREET NAME SIGN
- SH-X: SIGNAL HEAD
- VD: VEHICLE DETECTOR (RADAR)

VERTICAL CLEARANCE
16'-6" MIN.
17'-6" TYP.
(SEE TDOT STD. DWG. T-SG-9
FOR ADDITIONAL DETAILS)

MAST ARM POLE

FUNCTIONAL
DESIGN
PLANS

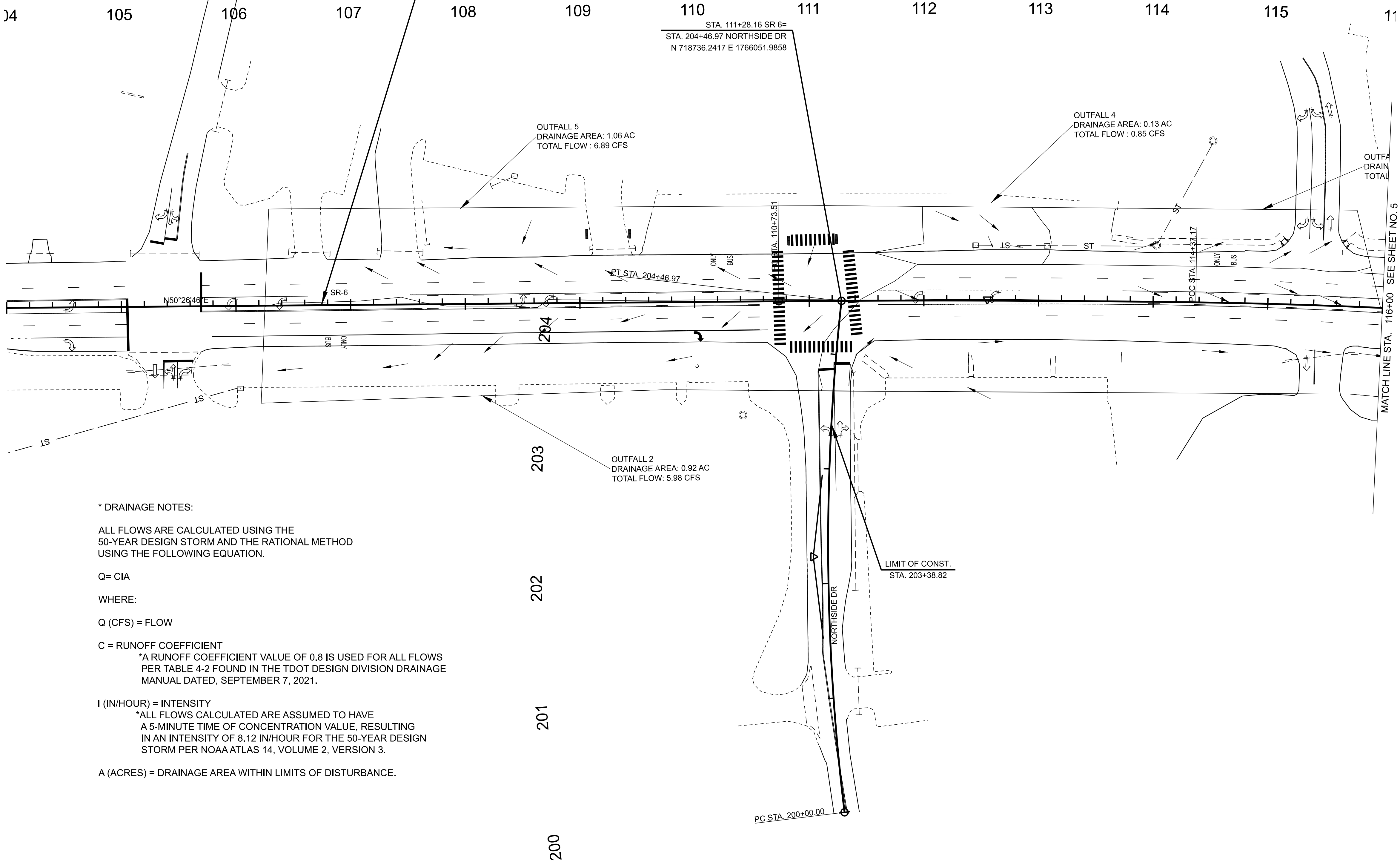
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SIGNAL
DETAILS
INTERSECTION @ SR-6 & N WALMART DR
NOT TO SCALE

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	8

19S006-F2-006
BEGIN PROJ. NO. HSIP-6(155) R.O.W.
STA. 106+74.54
N 718447.4487 E 1765702.1774



* DRAINAGE NOTES:

ALL FLOWS ARE CALCULATED USING THE 50-YEAR DESIGN STORM AND THE RATIONAL METHOD USING THE FOLLOWING EQUATION.

Q= CIA

WHERE:

Q (CFS) = FLOW

C = RUNOFF COEFFICIENT

*A RUNOFF COEFFICIENT VALUE OF 0.8 IS USED FOR ALL FLOWS PER TABLE 4-2 FOUND IN THE TDOT DESIGN DIVISION DRAINAGE MANUAL DATED, SEPTEMBER 7, 2021.

I (IN/HOUR) = INTENSITY

*ALL FLOWS CALCULATED ARE ASSUMED TO HAVE A 5-MINUTE TIME OF CONCENTRATION VALUE, RESULTING IN AN INTENSITY OF 8.12 IN/HOUR FOR THE 50-YEAR DESIGN STORM PER NOAA ATLAS 14, VOLUME 2, VERSION 3.

A (ACRES) = DRAINAGE AREA WITHIN LIMITS OF DISTURBANCE.

FUNCTIONAL DESIGN PLANS

SEALED BY

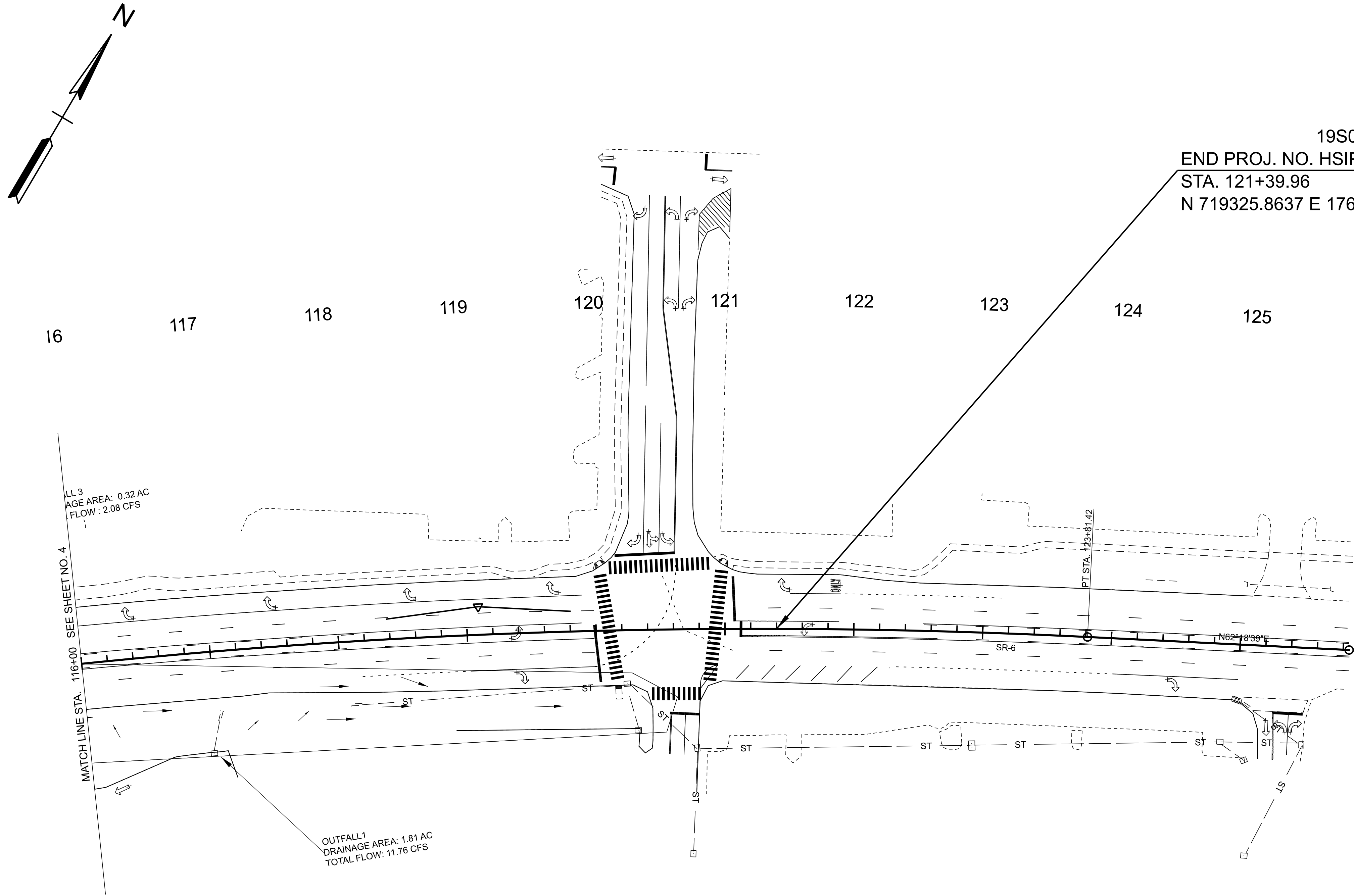
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DRAINAGE MAP

STA. 104+00.00 TO STA. 116+00.00
SCALE: 1" = 50'

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R3-7 (36" X 36")
R3-7aP (24" X 12")

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2025	HSIP-6(155)	9

FUNCTIONAL DESIGN PLANS

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DRAINAGE MAP

STA. 116+00.00 TO STA. 125+84.64
SCALE: 1" = 50'