Index Of Sheets

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

DOES THIS PROJECT QUALIFY FOR UTILITY CHAPTER 86	YES	NO

TENN.	YEAR	SHEET NO.
	2023	1
FED. AID PROJ. NO.	BR-I-55-1(135)	
STATE PROJ. NO.	79005-1175-14	

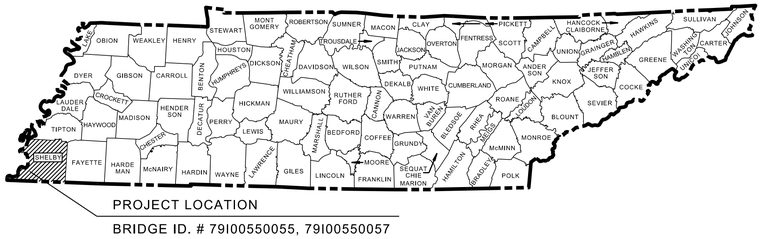
SHELBY COUNTY

I-55 EXIT RAMP TO SB SR-14,
BRIDGE OVER SR-14, LM 7.46;
AND SR-14, BRIDGE OVER I-55, LM 7.44

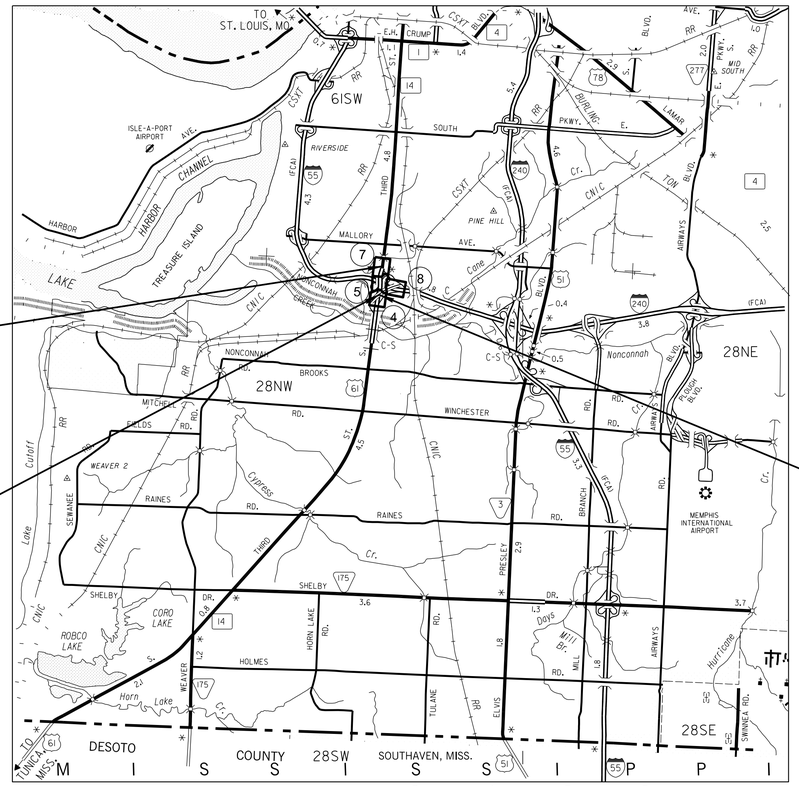
LINE AND GRADE

(GRADE, DRAIN, BRIDGE, PAVE, SIGN, MARKING)

STATE HIGHWAY NO. 14 F.A.H.S. NO. 61



BRIDGE ID. # 79I00550055, 79I00550057



SCALE: 1"= 5280'

0 1 2 3 MILES

NO EXCLUSIONS

INITIAL STUDIES REQUEST

PROJECT TO BE CONSTRUCTED UNDER TRAFFIC

SEALED BY

79005-1175-14
END PROJECT NO. BR-I-55-1(135) LINE AND GRADE
STA. 638+35.00 SR-14
N 297475.7457 E 754829.3514

79005-1175-14
BEGIN PROJECT NO. BR-I-55-1(135) LINE AND GRADE
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

79022-1227-94
END PROJECT NO. BR-NH-14(46) LINE AND GRADE
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

APPROVED:
WILL REID, CHIEF ENGINEER

DATE:

APPROVED:
HOWARD H. ELEY, 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 C.E. MANAGER 1: DENNIS MOULTRIE, P.E.

DESIGNED BY : KIMLEY-HORN AND ASSOCIATES INC.

DESIGNER : HEATHER LEWIS, P.E. CHECKED BY DRAKE DANLEY, P.E.

P.E. NO. 79005-0175-14 (NEPA)

PIN NO. 128674.00

R.O.W. LENGTH	. MILES
ROADWAY LENGTH	0.278 MILES
BRIDGE LENGTH	0.041 MILES
BOX BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES ▲
PROJECT LENGTH	0.319 MILES

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

SR-14

SURVEY 05-04-23	TRAFFIC DATA	
	ADT (2024)	25590
	ADT (2044)	38790
	DHV (2044)	3879
	D	55 - 45
	T (ADT)	10 %
	T (DHV)	7 %
	V	45 MPH

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 03.

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR DATE

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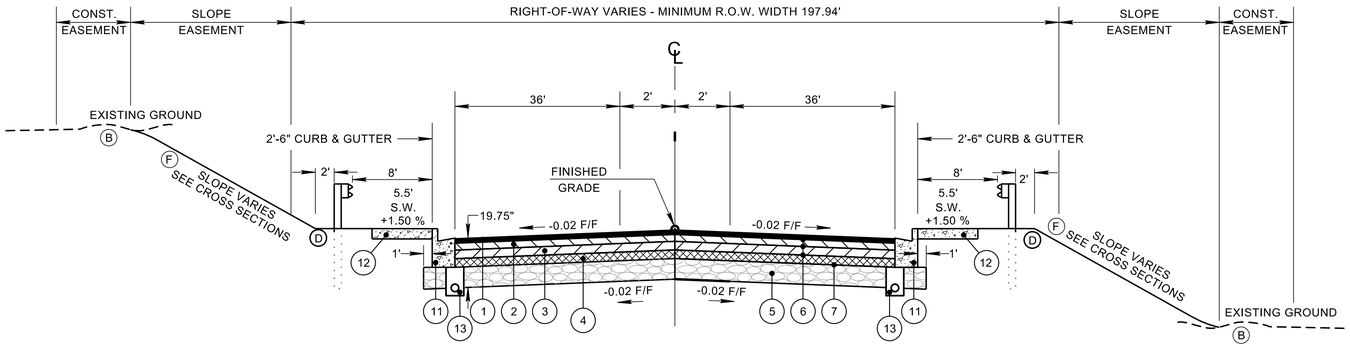
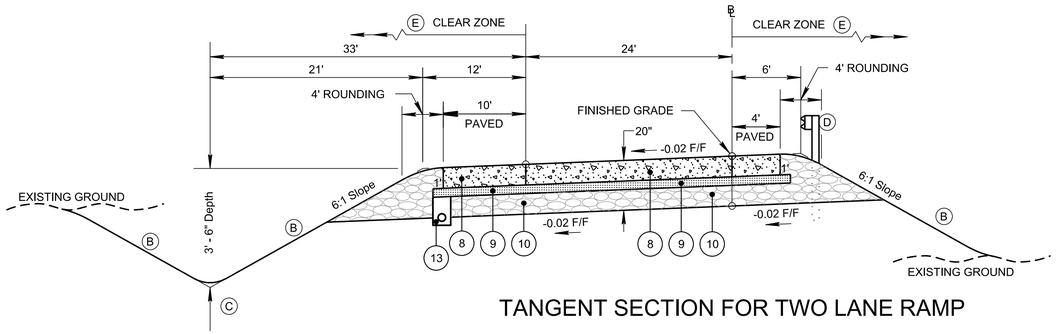
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	2B



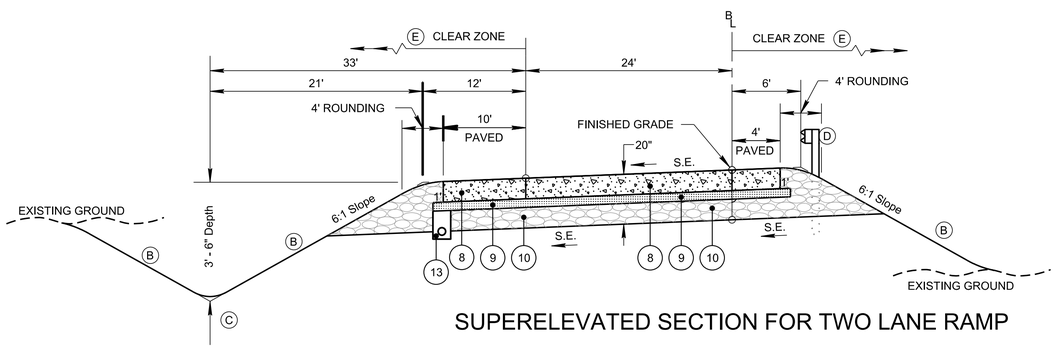
TANGENT SECTION
SR-14

(BASED ON STD. DWG. RD11-TS-6C)
FROM STA. 621+50.00 TO STA. 638+35.00



TANGENT SECTION FOR TWO LANE RAMP

(BASED ON STD. DWG. RD11-TS-4)
RAMP B
FROM STA. 303+96.59 TO STA. 307+55.57
FROM STA. 320+18.52 TO STA. 323+64.44



SUPERELEVATED SECTION FOR TWO LANE RAMP

(BASED ON STD. DWG. RD11-TS-4)
RAMP B
FROM STA. 307+55.57 TO STA. 320+18.52

(A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

(B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.

(C) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

(E) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

(F) 3:1 SLOPES OR FLATTER ARE DESIRABLE AND ARE THE MAXIMUM IN REGION IV. 2:1 SLOPES ARE APPLICABLE IN AREAS WHERE RIGHT-OF-WAY RESTRICTIONS, ENVIRONMENTAL CONSIDERATIONS, OR COST WARRANTS A STEEPER THAN 3:1 SLOPE.

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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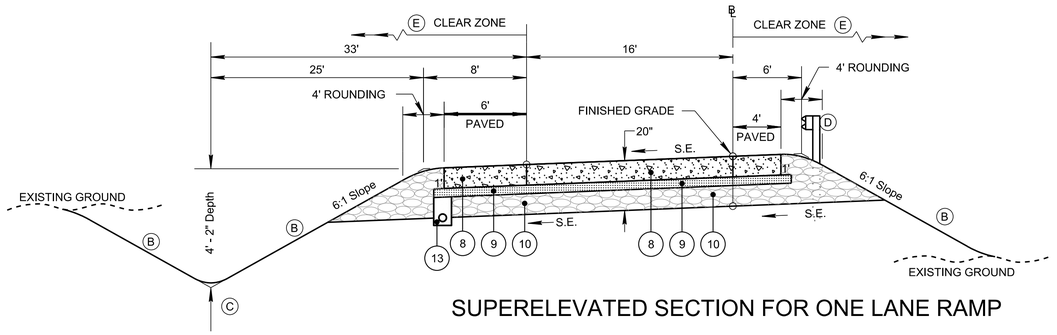
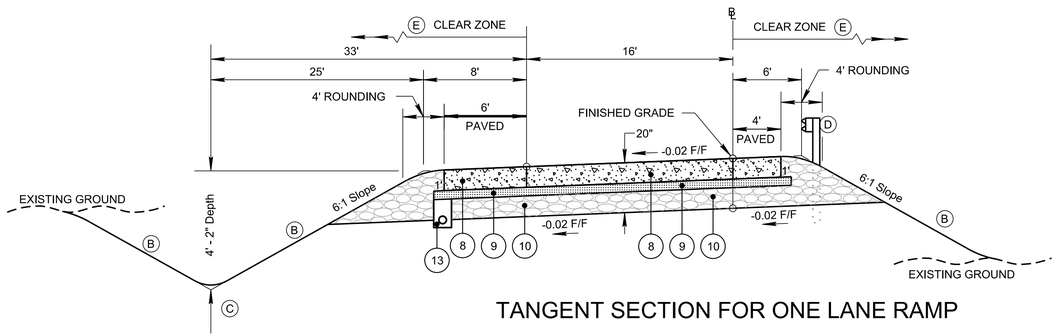
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	2B1



SUPERELEVATED SECTION FOR ONE LANE RAMP

(BASED ON STD. DWG. RD11-TS-4)
RAMP C
FROM STA. 200+00.00TO STA. 203+27.55
RAMP D
FROM STA. 60+48.91 TO STA. 70+38.15
RAMP E
FROM STA. 151+27.30 TO STA. 160+92.42
RAMP H
FROM STA. 20+48.38 TO STA. 29+16.47



TANGENT SECTION FOR ONE LANE RAMP

(BASED ON STD. DWG. RD11-TS-4)
RAMP C
FROM STA. 203+27.55 TO STA. 203+86.91
FROM STA. 209+10.02 TO STA. 212+31.63
RAMP D
FROM STA. 60+00.00 TO STA. 60+48.91
RAMP E
FROM STA. 160+92.42 TO STA. 161+69.79
RAMP G
FROM STA. 80+25.00 TO STA. 83+95.36
RAMP H
FROM STA. 20+00.00 TO STA. 20+48.38

(A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

(B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.

(C) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

(E) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	2B2

PROPOSED PAVEMENT SCHEDULE - ALL ROADWAYS

(1) **ASPHALTIC CONCRETE SURFACES (HM) AT 1.25 IN. THICK (APPROX. 132.5 LBS/SY)** ITEM NO. 411-02.10 ACS MIX (PG70-22) GRADING "D"	(7) **PRIME COAT** ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) (RATE = 0.30 - 0.35 GALLONS/SY) ITEM NO. 402-02 AGGREGATE FOR COVER MATERIAL (PC) (RATE = 8 - 12 LBS/SY)
(2) **BITUMINOUS BINDER AT 2.0 IN. THICK (APPROX. 226 LBS/SY)** ITEM NO. 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	(8) **PORTLAND CEMENT CONCRETE AT 10.0" THICK** ITEM NO. 501-01.03 PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"
(3) **BITUMINOUS BASE AT 3.5 IN. THICK (APPROX. 402.5 LBS/SY)** ITEM NO. 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	(10) **TREATED PERMEABLE BASE AT 4.0" THICK** ITEM NO. 313-03 TREATED PERMEABLE BASE (SY)
(4) **BITUMINOUS BASE AT 3.0 IN. THICK (APPROX. 318 LBS/SY)** ITEM NO. 307-01.21 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A-S	(10) **MINERAL AGGREGATE BASE COURSE AT 6.0" THICK** ITEM NO. 303-02 MINERAL AGGREGATE, TYPE "B" BASE, GRADING "D".
(5) **MINERAL AGGREGATE BASE COURSE AT 10.0" THICK** ITEM NO. 303-02 MINERAL AGGREGATE, TYPE "B" BASE, GRADING "D".	(11) **6-30 CONCRETE CURB AND GUTTER (GUTTER DEPTH = 9.5")** ITEM NO. 702-03 CONCRETE COMBINED CURB AND GUTTER STANDARD DRAWING NO. RP-VC-10
(6) **TACK COAT** ITEM NO. 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD)	(12) **CONCRETE SIDEWALK (DEPTH = 4")** ITEM NO. 701-01.01 CONCRETE SIDEWALK (4 ") STANDARD DRAWING NO. MM-SW-1
	(13) **UNDERDRAIN (SEE STD. DWG. RD-UD-3)** 710-02 AGGREGATE UNDERDRAINS (WITH PIPE)

INITIAL STUDIES REQUEST

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT SCHEDULE

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	3

RIGHT OF WAY

(1) ALL RAMPS MUST CONFORM TO THE DEPARTMENT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS", THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY, STANDARD DRAWING RP-R-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.

(2) EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.

(3) WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY EXCEEDS 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED TO A TOUCHDOWN POINT OR UNTIL THE GRADE IS LESS THAN 7 PERCENT.

(4) WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY IS LESS THAN 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED A SHOULDER WIDTH FROM THE EDGE OF PAVEMENT AND THE REMAINDER OF THAT DRIVEWAY REPLACED IN KIND TO A TOUCHDOWN POINT.

(5) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.

(6) TRACT REMAINDERS NOT HAVING AN EXISTING DRIVEWAY WILL BE PROVIDED ONE 50-FOOT OPENING IN THE ACCESS CONTROL FENCE AND A DRIVEWAY WILL BE CONSTRUCTED UNLESS ACCESS IS PROVIDED FROM AN INTERSECTING ROAD OR BASED ON PHYSICAL CONDITIONS AND/OR CONFLICTS WITH OTHER DESIGN CONSIDERATIONS WHICH PREVENT AN ACCESS OPENING. PAVING OF THESE NEW DRIVEWAYS WILL BE IN ACCORDANCE TO THE 7 PERCENT CRITERIA PREVIOUSLY MENTIONED FOR EXISTING DRIVEWAYS.

(7) NEW DRIVEWAYS PROVIDED IN THE PLANS WILL BE PAVED BASED ON THE 7 PERCENT CRITERIA. THOSE 7 PERCENT OR STEEPER IN GRADE WILL BE PAVED AND THOSE FLATTER THAN 7 PERCENT WILL BE COVERED WITH BASE STONE.

(8) ON PROJECTS WITH CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT. AFTER THE PERMIT HAS BEEN GRANTED, THE DEPARTMENT WILL CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE THROUGH THE CURB AND SIDEWALK, PROVIDED THE CURB AND SIDEWALK HAVE NOT BEEN CONSTRUCTED. IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE FROM BACK OF SIDEWALK TO TOUCHDOWN POINT FOR ANY ADDITIONAL DRIVEWAYS OR FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.

(9) ON NON-STATE ROUTES, ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS SHALL REQUIRE A PERMIT ONLY IF THE LOCAL AGENCY SPECIFIES THE NEED FOR THAT PERMIT.

(10) EASEMENT REQUIRED FOR THE RAILROAD CROSSING IS TO BE OBTAINED BY THE UTILITIES ENGINEER BY PROVISIONS CONTAINED IN THE CROSSING AGREEMENT NEGOTIATED WITH THE RAILROAD.

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 UTILITES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT TE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTLITIES SHOWN SHOULD BE DONE SO WITH THIS CURCUMSTANCE 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 REQUYIREMENT, 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 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 65-31-106NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.

UTILITY OWNERS

CABLE:
COMCAST
2650 MOUNT MORIAH RD.
MEMPHIS, TN 38115
CONTACT: KAREN PRICE
PHONE: 901 - 508 - 0920
EMAIL: KAREN_PRICE@COMCAST.COM

TELEPHONE:
BELLSOUTH TELECOMMUNICATIONS, LLC
MGR OSP PLNG & ENGR DESIGN
ACCESS – CONSTRUCTION &
ENGINEERING
3138 CYPRESS RIDGE DR.
EADS, TN 38028
CONTACT: DANIEL POTTS
PHONE: 901 - 488 - 2359
EMAIL: DP7607@ATT.COM

GAS:
VALERO
772 WINGO RD.
BYHALIA, MS 38611
CONTACT: RICHARD WILLINGHAM
OFFICE PHONE: 662 - 895 - 7202
CELL PHONE: 901 - 848 - 1641
EMAIL:
RICHARD.WILLINGHAM@VALERO.COM

GAS:
MLGW
220 S. MAIN ST.
MEMPHIS, TN 38103
CONTACT: TOM WORD
PHONE: 901 - 528 - 4186
EMAIL: TWORD@MLGW.ORG

ELECTRIC:
MLGW
220 S. MAIN ST.
MEMPHIS, TN 38103
CONTACT: TOM WORD
PHONE: 901 - 528 - 4186
EMAIL: TWORD@MLGW.ORG

WATER:
MLGW
220 S. MAIN ST.
MEMPHIS, TN 38103
CONTACT: TOM WORD
PHONE: 901 – 528 – 4186
EMAIL: TWORD@MLGW.ORG

FIBER OPTIC:
TRANSCORE
5250 PLEASANT VIEW RD. STE #2
MEMPHIS, TN 38134
CONTACT: JOSHUA GILBERT
PHONE: 901 - 451 - 4099
EMAIL:
JOSHUA.GILBERT@TRANSCORE.COM

FIBER OPTIC:
WINDSTREAM
929 MARTHA'S WAY
HIAWATHA, IA 52233
CONTACT: STEVE CLARK
PHONE: 479 - 747 - 7549

COMMUNICATIONS:
VERIZON / XO COMMUNICATIONS
400 INTERNATIONAL PKWY
RICHARDSON, TX 75081
CONTACT: DAVID DICKERSON
PHONE: 615 - 372 - 2055
EMAIL: INVESTIGATIONS@VERIZON.COM

COMMUNICATIONS:
ZAYO
7620 APPLING CENTER DRIVE SUITE 101A
MEMPHIS, TN 38133
CONTACT: STEVE SANDERS
OFFICE PHONE: 901 - 410 - 4366
CELL PHONE: 901 - 413 - 8653
EMAIL: STEVE.SANDERS@ZAYO.COM

SEWER:
CITY OF MEMPHIS
125 N. MAIN ST., ROOM 639
MEMPHIS, TN 38103
CONTACT: FARAEDOON QALADIZE
OFFICE PHONE: 901 - 576 - 6725
CELL PHONE: 901 - 636 - 6971
EMAIL:
FARAEDOON.QALADIZE@MEMPHISTN.GOV

TRAFFIC SIGNAL:
CITY OF MEMPHIS
125 N. MAIN ST., ROOM 668
MEMPHIS, TN 38103
CONTACT: RANDALL TATUM
PHONE: 901 - 576 - 6710
EMAIL: RANDALL.TATUM@MEMPHISTN.GOV

RAILROAD:
CNIC
2151 NORTH MILL ST.
JACKSON, MS 39202
CONTACT: ADAM F. SOHASKY
PHONE: 601 - 914 - 2654

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY NOTES, UTILITY NOTES AND UTILITY OWNERS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	

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													
6	BELZ INVESTMENT CO. INC.	164J	050083 00007Z	5626	415		10.039	10.039					10.039					
8	BELZ INVESTMENT CO. INC.	164I	050082 00006Z	5626	415	7.337		7.337	0.167		0.167	7.170						
9	HARDING UNIVERSITY	164J	050083 00007	T79818			2.327	2.327					2.327					
10	BELZ INVESTMENT CO. INC.	164I	050082 00008	6109	290	18.221		18.221	0.121		0.121	18.100						
12	ILLINOIS CENTRAL RAILROAD CO.	164O	050119 00002	-														
13	CITY OF MEMPHIS	164J	050083 00009	-			0.499	0.499					0.499					
14	OUTFRONT MEDIA LLC	164J	050082 00009	17033321		7.750		7.750	0.362		0.362	7.388						
15	OUTFRONT MEDIA LLC	164J	050082 00010	17033321		0.250		0.250	3781 S.F.		3781 S.F.	0.163						
16	CAROLYN WILLIAMS MCINTYRE AND ELIZABETH WILLIAMS SHANNON	164G	050082 00003C	20014053		1.940		1.940	1580 S.F.		1580 S.F.	1.904						
ACQUISITION TOTALS (ACRES)									0.773									

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

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K:\MEM_Roadway\115004119 - SR 14 CMGC\Cadd\Plans\I55 Bridges\003A - ROW Acquisition Table.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	3B

79022-1227-94
END PROJECT NO. BR-NH-14 (46) LINE AND GRADE
BEGIN PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

XXXXX-XXXX-XX
END PROJECT NO. BR-NH-14 (46) CONSTRUCTION
BEGIN PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

79022-1227-94
BEGIN PROJECT NO. BR-NH-14(46) LINE AND GRADE
STA. 604+00.00 SR-14
N 294075.6506 E 754396.0054

XXXXX-XXXX-XX
BEGIN PROJECT NO. BR-NH-14(46) CONSTRUCTION
STA. 604+00.00 SR-14
N 294075.6506 E 754396.0054

79005-1174-14
END PROJECT NO. BR-1-55-1(135) LINE AND GRADE
STA. 638+35.00 SR14
N 297475.7457 E 754829.3514

XXXXX-XXXX-XX
END PROJECT NO. BR-1-55-1(135) CONSTRUCTION
STA. 638+35.00 SR14
N 297475.7457 E 754829.3514

DOT CROSSING # 297-767K
MILE POST 0396.790 =
SR-14 STA. 613+32.17

PROPERTY BOUNDARY
N.T.S.

PERMANENT EASEMENT

PERMANENT AIR RIGHTS EASEMENT

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

SCALE: 1=200'

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K:\MEM_Roadway\115004119 - SR 14 CMGC\Cadd\Plans\I55 Bridges\003B - Property Map.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	4

N

℄ RAMP B STA. 320+20.79 =
℄ RAMP G STA. 83+95.36
N 296050.4506
E 754604.4531

℄ RAMP B STA. 323+64.44 =
℄ SR-14 STA. 620+42.59 50' LT
N 295707.9747
E 754577.7698

℄ RAMP B STA. 150+00.00 =
℄ SR 14 STA. 620+34.66 38' RT
N 295688.5917
E 754664.0149

79022-1227-94
END PROJECT NO. BR-NH-14 (46) LINE AND GRADE
BEGIN PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

XXXXX-XXXX-XX
END PROJECT NO. BR-NH-14 (46) CONSTRUCTION
BEGIN PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

S.B. S.R. 14 BRIDGE
17-SPAN CONCRETE BRIDGE WITH
RIVETED HIGH TRUSS ON SPAN #2

N.B. S.R. 14 BRIDGE
9-SPAN CONCRETE BRIDGE

BEGIN EX. BRIDGE
STA. 507+65.10

END EX. BRIDGE
STA. 509+52.45

END EX. SB BRIDGE
STA. 620+05.03
BRIDGE ID. #79-SR014-00.06

END EX. NB BRIDGE
STA. 619+60.38
BRIDGE ID. #79-SR014-00.05

(4) BELZ INVESTMENT CO. INC.

(7) BELZ INVESTMENT CO. INC.

(8) BELZ INVESTMENT CO. INC.

(11) ILLINOIS CENTRAL RAILROAD CO.

(5) BELZ INVESTMENT CO. INC.

(9) HARDING UNIVERSITY

(6) BELZ INVESTMENT CO. INC.

NONCONNAH CREEK

615 620 625 150 151 320

N 7° 16' 05" E ℄ SR-14
N 10° 18' 59" E
N 14° 56' 53" E ℄ SR-14
S 2° 19' 40" W
S 0° 50' 29" W

S.R. 14/ BLUES HWY NB (ASP.)
S.R. 14/ BLUES HWY SB (ASP.)

I-55 WB OFF RAMP TO S.R. 14

90" INTERCEPTOR
TEMP CONST ESMT
EX.SMH TOP 218.43
UP/P/T 1 TRANSFORMER
UP/LP/METER
UR/LP/CAM EBOX/USE UP/LP/CAM
PERM AIR RIGHTS ESMT
PROP PERM ESMT
EX.SMH TOP 220.33
FOC MARKER
EBOX
EBOX 4x2 ELEC.SWITCH
GAS MRKR PIPELINE 2.5'S.
(SHOWN PER PLAN)
GL BURIED 2.5' S.
DIRT
GRAVEL
TOE OF FILL
GRASS
TEMP CONST ESMT
PC 620+30.49
PT 323+64.44
BM#5
BM#4
BM#6 CP-S070 GPS#79-014-70
6' CHAIN LINK
GATE
GUARDRAIL
METAL POST
SIGN
TREES
TOP OF CUT
ASPH/GRAVEL
EX.SMH TOP 217.91
UP/P/T 1 TRANSFORMER
PROP ROW AND CA FENCE
PC 319+71.87
PT 319+31.02
PT 623+98.59
CONC. DITCH
GUARDRAIL
MATCH LINE STA. 82+00 SEE SHT. NO. 5
MATCH LINE STA. 318+00 SEE SHT. NO. 5
MATCH LINE STA. 626+00 SEE SHT. NO. 5
MATCH LINE STA. 155+50 SEE SHT. NO. 5
HIGH VOLTAGE TOWER
FOC MRKR
PC 151+57.30
OUTLET NOT FOUND
CONC. PAD
POWER LOAD CENTER
INV.206.25
INV.205.93
EX.SMH TOP 217.97
SEE SHEET 6 FOR INTERCHANGE GEOMETRY

PERMANENT EASEMENT

PERMANENT AIR RIGHTS EASEMENT

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 618+00 TO STA. 626+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	4A

℄ RAMP B STA. 320+20.79 =
℄ RAMP G STA. 83+95.36
N 296050.4506
E 754604.4531

℄ RAMP B STA. 323+64.44 =
℄ SR-14 STA. 620+42.59 50' LT
N 295707.9747
E 754577.7698

℄ RAMP E STA. 150+00.00 =
℄ SR 14 STA. 620+34.66 38' RT
N 295688.5917
E 754664.0149

79022-1227-94
END PROJECT NO. BR-NH-14 (46) LINE AND GRADE
BEGIN PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

XXXXX-XXXX-XX
END PROJECT NO. BR-NH-14 (46) CONSTRUCTION
BEGIN PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

PERMANENT EASEMENT

PERMANENT AIR RIGHTS EASEMENT

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 618+00 TO STA. 626+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	4B

℄ RAMP B STA. 320+20.79 =
℄ RAMP G STA. 83+95.36
N 296050.4506
E 754604.4531

N

℄ RAMP B STA. 323+64.44 =
℄ SR-14 STA. 620+42.59 50' LT
N 295707.9747
E 754577.7698

NONCONNAH CREEK

END BRIDGE
STA. 620+30.00

BEGIN C & G & 5.5' S/W
STA. 620+30.00
OFF. 52.00' LT

TYPE 38

END C & G & 5.5' S/W
STA. 320+61.20
OFF 2.00' RT

TYPE 13

MATCH LINE STA. 82+00
SEE SHT. NO. 5B

℄ RAMP G

S 0° 50' 29" W

320

℄ RAMP B
S 2° 19' 40" W

BEGIN C & G & 5.5' S/W
STA. 320+61.20
OFF 26.00' LT

MATCH LINE STA. 318+00
SEE SHT. NO. 5B

615

N 7° 16' 05" E

℄ SR-14

620

N 14° 56' 53" E

℄ SR-14

625

MATCH LINE STA. 626+00
SEE SHT. NO. 5B

N 10° 14' 59" E

150

BEGIN C & G & 5.5' S/W
STA. 620+30.00
OFF. 40.00' RT

TYPE 38

TYPE 38

BEGIN C & G & 5.5' S/W
STA. 154+43.34
OFF 18.00' LT

END C & G & 5.5' S/W
STA. 154+43.34
OFF 2.00' RT

℄ RAMP E

155

MATCH LINE STA. 155+50
SEE SHT. NO. 5B

℄ RAMP E STA. 150+00.00 =
℄ SR 14 STA. 620+34.66 38' RT
N 295688.5917
E 754664.0149

79022-1227-94
END PROJECT NO. BR-NH-14 (46) LINE AND GRADE
BEGIN PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

XXXXX-XXXX-XX
END PROJECT NO. BR-NH-14 (46) CONSTRUCTION
BEGIN PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 618+00 TO STA. 626+00
SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	4C

OH WIRE
STA. 618+95.85
LOW WIRE EL. 279.37'
HIGH TENSION
TEMP. 42 DEG.
3 POWER

OH WIRE
STA. 619+96.19
LOW WIRE EL.283.36
HIGH TENSION
TEMP. 42 DEG.
4 POWER

OH WIRE
STA. 620+26.22
LOW WIRE EL.282.50'
HIGH TENSION
TEMP. 42 DEG.
4 POWER

VPT 617+35.00
EL. 259.51

VC = 710.00'
K = 61
V = 45 MPH

S.B. BRIDGE OVER
CNIC R.R. & NONCONNAH CREEK

-5.81%

OPENING AREA ABOVE
ELEV. 225.0 = 16410 S.F.

APPROX. HIGH WATER ELEV. 225.0

OPENING AREA BELOW
ELEV. 225.0 = 7240 S.F.

APPROX. NORMAL WATER
ELEV. 198.02

VPC 620+50.00
EL. 241.22

END EX. BRIDGE
STA. 620+04.55
EL. 243.13

END BRIDGE
STA. 620+30.00

BM#4

BM#5

BM#6

EXISTING GROUND

EXISTING GROUND

STA. 70+02.10
LOW CHORD EL. 238.64

F (UG)

(SHOWN PER PLAN)

6" WA
STA. 621+03
(SHOWN PER PLAN)

10" W

79022-1227-94

END PROJECT NO. BR-NH-14 (46) LINE AND GRADE

BEGIN PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 621+50.00 SR-14
EL. 236.04

XXXXX-XXXX-XX

END PROJECT NO. BR-NH-14 (46) CONSTRUCTION

BEGIN PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 621+50.00 SR-14
EL. 236.04

OH WIRE
STA. 622+33.68
LOW WIRE EL.252.69'
4 POWER
2 TELEPHONE
1 CABLE

EXIST. CB12
STA. 623+57.64
0.41' LT.
GT. 227.63
INV. N/A

EXIST. CB10
STA. 625+08.01
43.40' RT.
GT. 224.62
INV. N/A

SAG 625+11.11
EL. 227.83

EXIST. CB9
STA. 625+43.85
2.13' RT.
GT. 224.98
INV. 220.57

EXIST. CB8
STA. 625+42.34
26.48' RT.
GT. 223.61
INV. 220.32

EX. 18"RCP

EX. 15"RCP

EXIST. CB5
STA. 625+44.48
41.45' LT.
GT. 224.51
INV. 204.40

VPI 624+50.00
EL. 217.98

EXIST. 2@8' X 7' BOX CULV.
STA. 625+36.60
SKEW 85°42'14" LT.
INV. 204.46
FLOWS LEFT
INLET 205.93
OUTLET 201.87

VC = 800.00'
K = 79
V = 45 MPH

20" GAS LINE
STA.69+24.26
(SHOWN PER PLAN)

6" JET FUEL LINE
STA.68+70.66
(SHOWN PER PLAN)

14" GAS LINE
STA.68+68.57
(SHOWN PER PLAN)

30" SAN. SEWER
STA. 623+27.32
INV. N/A

SUPERELEVATION DIAGRAM

Se = NORMAL CROWN

Se = NORMAL CROWN

615+00 616+00 617+00 618+00 619+00 620+00 621+00 622+00 623+00 624+00 625+00 626+00

285 280 275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200 195

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (2011), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 614+00 TO STA. 626+00

SCALE: 1"=50' HORIZ.
1"=5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	4

(10)
BELZ INVESTMENT CO. INC.

℄ RAMP H STA. 20+00.00 =
℄ SR-14 STA. 630+27.08 38' LT
N 296671.1986
E 754737.2470

℄ RAMP G STA. 80+00.00
N 296406.7702
E 754456.8948

LIMIT OF CONSTRUCTION
℄ RAMP G STA. 80+25.00 =
N 296386.7650
E 754471.8879

LIMIT OF CONSTRUCTION
℄ RAMP H STA. 29+16.47 =
℄ I-55 STA. 217+88.13 43.57' RT
N 296709.2239
E 754718.6306

℄ RAMP D STA. 60+00.00 = 635
℄ SR-14 STA. 631+55.49 38' RT
N 296798.2170
E 754815.5461

(14)
OUTFRONT MEDIA LLC

℄ SR-14 STA. 628+74.61 =
℄ RAMP B STA. 315+06.92
N 296518.0703
E 754772.4964

℄ SR-14 STA. 630+85.18 =
℄ I-55 STA. 218+30.58
N 296728.6057
E 754776.2867

LIMIT OF CONSTRUCTION
℄ RAMP D STA. 70+17.49 =
℄ I-55 STA. 218+86.63 43.51' LT
N 296741.6331
E 754846.0992

LIMIT OF CONSTRUCTION
℄ RAMP C STA. 209+10.02 =
N 297102.1175
E 755029.1495

SEE SHEET 6 FOR INTERCHANGE GEOMETRY

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 626+00 TO STA. 635+00
SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	4B

(10)
BELZ INVESTMENT CO. INC.

℄ RAMP H STA. 20+00.00 =
℄ SR-14 STA. 630+27.08 38' LT
N 296671.1986
E 754737.2470

℄ RAMP G STA. 80+00.00
N 296406.7702
E 754456.8948

LIMIT OF CONSTRUCTION
℄ RAMP G STA. 80+25.00 =
N 296386.7650
E 754471.8879

N 32° 19' 56" W
496.33'
C.A. FENCE
PRES. R.O.W.
626+39.19
404.41'
TOE OF FILL
N 37° 33' 54" W
365.93'
S 36° 51' 00" E
℄ RAMP G
80
MATCH LINE STA. 82+00 SEE SHT. NO. 4A

LIMIT OF CONSTRUCTION
℄ RAMP H STA. 29+16.47 =
℄ I-55 STA. 217+88.13 43.57' RT
N 296709.2239
E 754718.6306

TOE OF FILL
25
℄ RAMP H
GPS#79-014-81
CP-S081
630
TOP OF CUT
TOE OF FILL
S 1° 01' 53" W
20
N 1° 01' 53" E
℄ SR-14
315
℄ I-55
215
R=2241.83'
L=1015.37'
633+80.60
376.62'
N 67° 05' 49" W
164.82'
PRES R.O.W.
C.A. FENCE
633+26.88
222.75'
℄ RAMP D STA. 60+00.00 =
℄ SR-14 STA. 631+55.49 38' RT
N 296798.2170
E 754815.5461
635
(14)
OUTFRONT MEDIA LLC
PROP ROW
TOE OF FILL
N 82° 55' 38" W
164.82'
632+55.89
74.60'
A
N 7° 18' 10" E
243.86'
PRES. R.O.W.
TOP OF CUT
634+95.07
53.87'
MATCH LINE STA. 635+00 SEE SHT. NO. 7A
MATCH LINE STA. 626+00 SEE SHT. NO. 4A
℄ RAMP B
MATCH LINE STA. 318+00 SEE SHT. NO. 4A
BM#7
CP-S071
GPS#79-014-71
TOE OF FILL
BM#8
TOE OF FILL
MATCH LINE STA. 155+50 SEE SHT. NO. 4A
TOP OF CUT
℄ SR-14 STA. 628+74.61 =
℄ RAMP B STA. 315+06.92
N 296518.0703
E 754772.4964
℄ SR-14 STA. 630+85.18 =
℄ I-55 STA. 218+30.58
N 296728.6057
E 754776.2867
TOP OF CUT
LIMIT OF CONSTRUCTION
℄ RAMP D STA. 70+17.49 =
℄ I-55 STA. 218+86.63 43.51' LT
N 296741.6331
E 754846.0992
TOP OF CUT
TOP OF CUT
℄ RAMP E
MATCH LINE STA. 159+00 SEE SHT. NO. 8A
MATCH LINE STA. 223+00 SEE SHT. NO. 8A
MATCH LINE STA. 310+00 SEE SHT. NO. 8A
S 62° 50' 12" E
220
℄ RAMP B
℄ I-55
310
60
N 1° 01' 53" E
70
TOE OF FILL
CP-S085
GPS#79-014-85
TOP OF CUT
℄ RAMP D
65
GPS#79-014-84
CP-S084
210
℄ RAMP C
N 70° 13' 43" W
MATCH LINE STA. 210+50 SEE SHT. NO. 7A
N 32° 53' 17" W
164.09'
209+71.96
84.06'
TOE OF FILL
LIMIT OF CONSTRUCTION
℄ RAMP C STA. 209+10.02 =
N 297102.1175
E 755029.1495
246.85'
N 70° 04' 57" W
207+52.71
101.09'
EIP
EIP
C.A. FENCE
S 34° 33' 33" E
164.42'
TOP OF CUT
MATCH LINE STA. 206+50 SEE SHT. NO. 8A

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 626+00 TO STA. 635+00
SCALE: 1"= 50'

7/3/2023 6:47:53 PM
K:\MEM_Roadway\115004119 - SR 14 CMGC\Cadd\Plans\I55 Bridges\005A - ROW Details.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	4B

℄ RAMP H STA. 20+00.00 =
℄ SR-14 STA. 630+27.08 38' LT
N 296671.1986
E 754737.2470

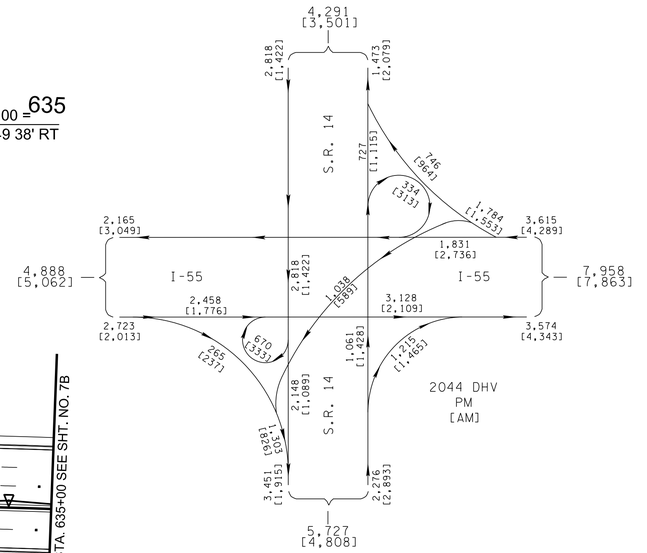
℄ RAMP G STA. 80+00.00
N 296406.7702
E 754456.8948

LIMIT OF CONSTRUCTION
℄ RAMP G STA. 80+25.00 =
N 296386.7650
E 754471.8879

LIMIT OF CONSTRUCTION
℄ RAMP H STA. 29+16.47 =
℄ I-55 STA. 217+88.13 43.57' RT
N 296709.2239
E 754718.6306

℄ RAMP D STA. 60+00.00 =
℄ SR-14 STA. 631+55.49 38' RT
N 296798.2170
E 754815.5461

N



MATCH LINE STA. 322+00 SEE SHT. NO. 4B

S 36° 51' 00" E

℄ RAMP G

80

25

℄ RAMP H

630

TYPE 38

℄ I-55

215

MATCH LINE STA. 318+00 SEE SHT. NO. 4B

℄ RAMP B

END C & G & 5.5' S/W
STA. 21+93.50
OFF 18.00' LT

BEGIN C & G & 5.5' S/W
STA. 21+93.50
OFF 2.00' RT

END BRIDGE
STA. 317+17.50

BEGIN BRIDGE
STA. 629+75.18

TYPE 38

S 1° 01' 53" W

END BRIDGE
STA. 631+95.18

TYPE 38

MATCH LINE STA. 626+00 SEE SHT. NO. 4B

20

N 1° 01' 53" E

℄ SR-14

MATCH LINE STA. 635+00 SEE SHT. NO. 7B

315

60

N 1° 01' 53" E

TYPE 38

TYPE 38

BEGIN C & G & 5.5' S/W
STA. 61+95.30
OFF 18.00' LT

MATCH LINE STA. 155+50 SEE SHT. NO. 4B

TYPE 13

℄ SR-14 STA. 628+74.61 =
℄ RAMP B STA. 315+06.92
N 296518.0703
E 754772.4964

℄ SR-14 STA. 630+85.18 =
℄ I-55 STA. 218+30.58
N 296728.6057
E 754776.2867

LIMIT OF CONSTRUCTION
℄ RAMP D STA. 70+17.49 =
℄ I-55 STA. 218+86.63 43.51' LT
N 296741.6331
E 754846.0992

S 62° 50' 12" E

70

220

TYPE 38

END C & G & 5.5' S/W
STA. 61+95.30
OFF 2.00' RT

MATCH LINE STA. 210+50 SEE SHT. NO. 7B

210

℄ RAMP C

N 70° 13' 43" W

℄ RAMP B

℄ I-55

℄ RAMP E

℄ RAMP D

65

LIMIT OF CONSTRUCTION
℄ RAMP C STA. 209+10.02 =
N 297102.1175
E 755029.1495

PROP RETAINING WALL HEIGHT VARIES 2'-4'

BEGIN BRIDGE
STA. 310+26.50

310

MATCH LINE STA. 159+00 SEE SHT. NO. 8B

MATCH LINE STA. 223+00 SEE SHT. NO. 8B

MATCH LINE STA. 310+00 SEE SHT. NO. 8B

MATCH LINE STA. 206+50 SEE SHT. NO. 8B

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 626+00 TO STA. 635+00
SCALE: 1"= 50'

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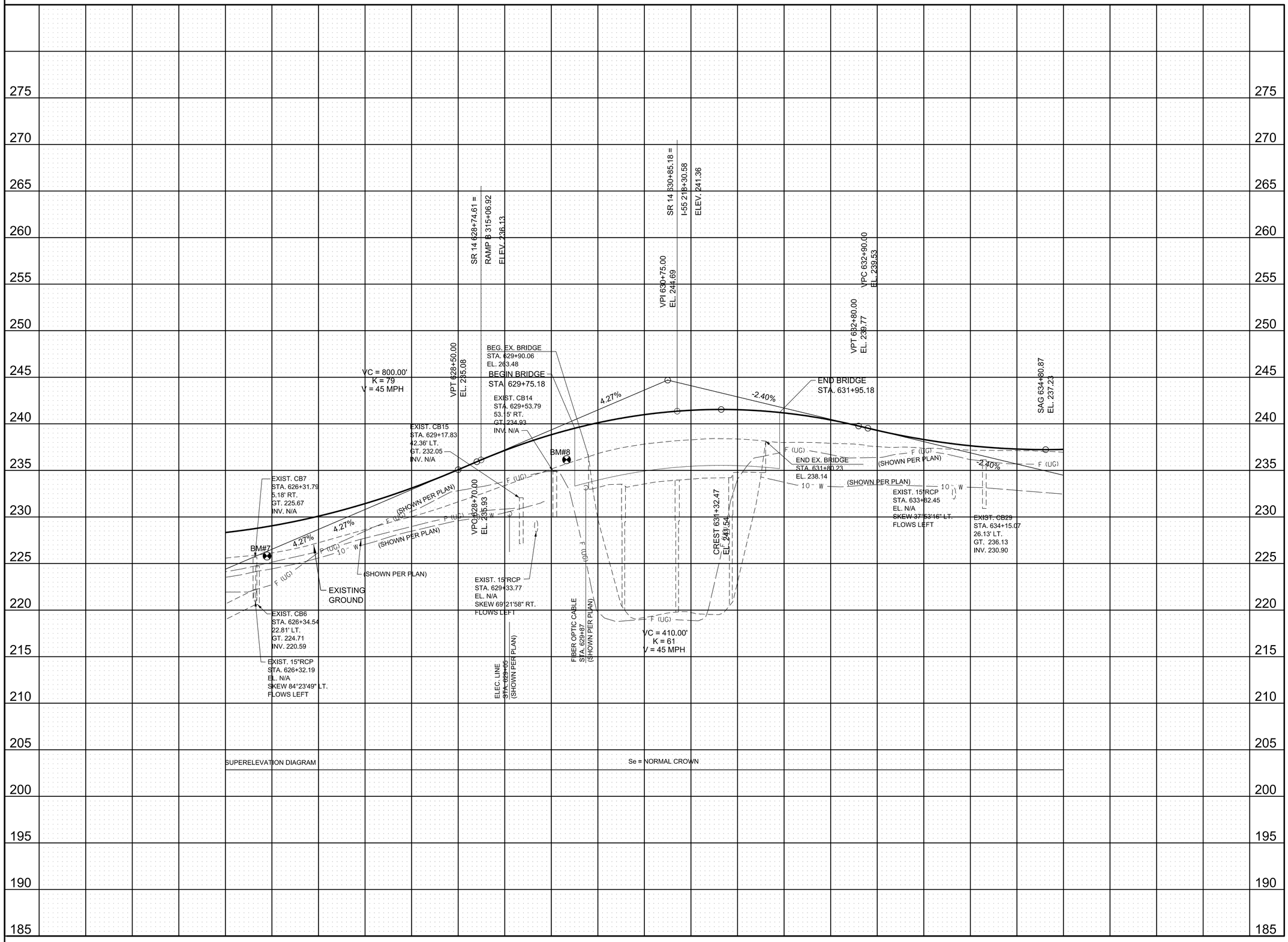
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	5C



INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 626+00 TO STA. 635+00

SCALE: 1"=50' HORIZ.
1"=5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	6

XXXXX-XXXX-XX
END PROJECT NO. BR-NH-14 (46) CONSTRUCTION
BEGIN PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

79022-1227-94
END PROJECT NO. BR-NH-14 (46) LINE AND GRADE
BEGIN PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

79005-1174-14
END PROJECT NO. BR-1-55-1(135) CONSTRUCTION
STA. 638+35.00 SR-14
N 297475.7457 E 754829.3514

79005-1174-14
END PROJECT NO. BR-1-55-1(135) LINE AND GRADE
STA. 638+35.00 SR-14
N 297475.7457 E 754829.3514

℄ SR-14
℄ I-55
℄ RAMP B
℄ RAMP C
℄ RAMP D
℄ RAMP E
℄ RAMP G
℄ RAMP H

CURVE RAMPH_PR1
PI 24+30.53
N 296,240.7381
E 754,729.4974
Δ 134° 39' 50" (RT)
D 38° 11' 50"
R 150.00
L 352.55
T 359.15
SE 0.080 FT/FT
DESIGN SPEED 25 MPH
TRANS. LENGTH 185

CURVE RAMPH_PR2
PI 27+83.08
N 296,754.7753
E 754,227.7853
Δ 134° 39' 50" (RT)
D 38° 11' 50"
R 150.00
L 352.55
T 359.15

SPIRAL RAMP_H
PIs 28+24.13
Ns 296,752.2265
Es 754,634.5786
Δs 26° 44' 10"
LT 94.41
ST 47.65
Ls 139.99

CURVE SR14_PROP3
PI 621+64.74
N 295,822.5152
E 754,642.7826
Δ 7° 40' 49" (RT)
D 2° 51' 53"
R 2,000.00
L 268.09
T 134.25
SE N.C.
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A

CURVE SR14_PROP4
PI 626+51.52
N 296,293.2087
E 754,768.4482
Δ 13° 55' 00" (LT)
D 3° 49' 11"
R 1,500.00
L 364.34
T 183.07
SE N.C.
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A

CURVE RAMPE_PR1
PI 157+27.61
N 296,404.5876
E 754,793.4832
Δ 88° 20' 50" (RT)
D 9° 45' 39"
R 587.00
L 905.12
T 570.31
SE 0.080 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 240

CURVE RAMPG_PR1
PI 82+53.39
N 296,204.0091
E 754,608.8558
Δ 38° 29' 32" (RT)
D 13° 01' 18"
R 440.00
L 295.60
T 153.62
SE N.C.
DESIGN SPEED 35 MPH
TRANS. LENGTH N/A

CURVE SR14_PROP5
PI 634+72.75
N 297,116.1077
E 754,783.2629
Δ 6° 16' 17" (RT)
D 1° 54' 35"
R 3,000.00
L 328.37
T 164.35
SE N.C.
DESIGN SPEED 45 MPH
TRANS. LENGTH N/A

CURVE RAMPB_PR1
PI 302+85.38
N 296,331.2252
E 755,881.5789
Δs 19° 34' 12" (RT)
θs IN 6° 59' 59"
Δc 12° 34' 14" (RT)
Dc 7° 00' 00"
Rc 818.51
Lc 179.58
Ts IN 235.38
Ts OUT 147.24
Ls IN 199.99

CURVE RAMPB_PR2
PI 317+18.43
N 297,015.4745
E 754,618.9691
Δ 117° 36' 48" (LT)
D 10° 48' 38"
R 530.00
L 1,087.95
T 875.36
SE 0.070 FT/FT
DESIGN SPEED 35 MPH
TRANS. LENGTH 175

CURVE RAMPB_PR3
PI 321+68.36
N 295,902.8861
E 754,602.6276
Δ 6° 25' 35" (RT)
D 1° 38' 13"
R 3,500.00
L 392.57
T 196.49
SE N.C.
DESIGN SPEED 35 MPH
TRANS. LENGTH N/A

CURVE RAMPC_PR1
PI 201+52.05
N 296,533.7109
E 755,507.9403
Δ 29° 02' 36" (RT)
D 9° 45' 39"
R 587.00
L 297.55
T 152.05
SE 0.080 FT/FT
DESIGN SPEED 45 MPH
TRANS. LENGTH 240

CURVE RAMPC_PR2
PI 207+54.99
N 297,047.7319
E 755,180.4483
Δ 37° 43' 36" (LT)
D 24° 48' 12"
R 231.00
L 152.10
T 78.92

CURVE RAMPC_PR3
PI 211+22.71
N 297,174.0626
E 754,829.0008
Δ 77° 31' 53" (RT)
D 28° 56' 14"
R 198.00
L 267.93
T 159.00
SE 0.020 FT/FT
DESIGN SPEED 25 MPH
TRANS. LENGTH 50

CURVE RAMPD_PR1
PI 65+01.05
N 297,299.1886
E 754,824.5651
Δ 136° 59' 32" (RT)
D 33° 42' 12"
R 170.00
L 406.46
T 431.48
SE 0.080 FT/FT
DESIGN SPEED 25 MPH
TRANS. LENGTH 180

CURVE RAMPD_PR2
PI 69+07.52
N 296,657.6431
E 755,401.7390
Δ 136° 59' 32" (RT)
D 33° 42' 12"
R 170.00
L 406.46
T 431.48

SPIRAL RAMP_D
PIs 69+28.18
Ns 296,699.3604
Es 754,926.3998
Δs 22° 44' 53"
LT 90.75
ST 45.68
Ls 134.99

N

INITIAL STUDIES REQUEST

SEALED BY

COORDINATE VALUES ARE NAD 83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INTERCHANGE GEOMETRY

SR-14 AT
INTERSTATE 55
SCALE: 1"=100'

7/3/2023 6:47:58 PM
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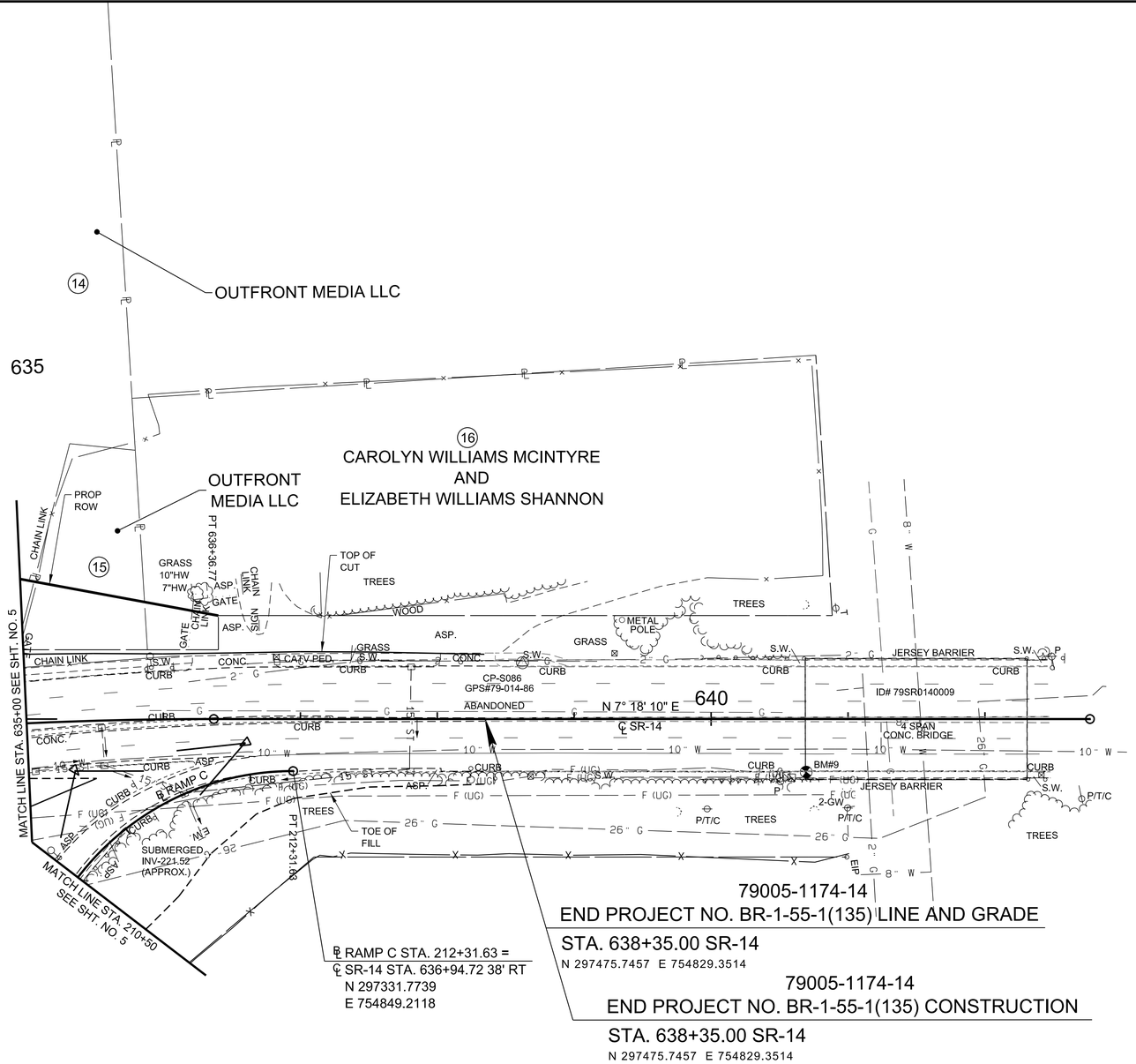
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	7



SEE SHEET 6 FOR
INTERCHANGE GEOMETRY

INITIAL STUDIES REQUEST

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 635+00 TO STA. 638+35
SCALE: 1"= 50'

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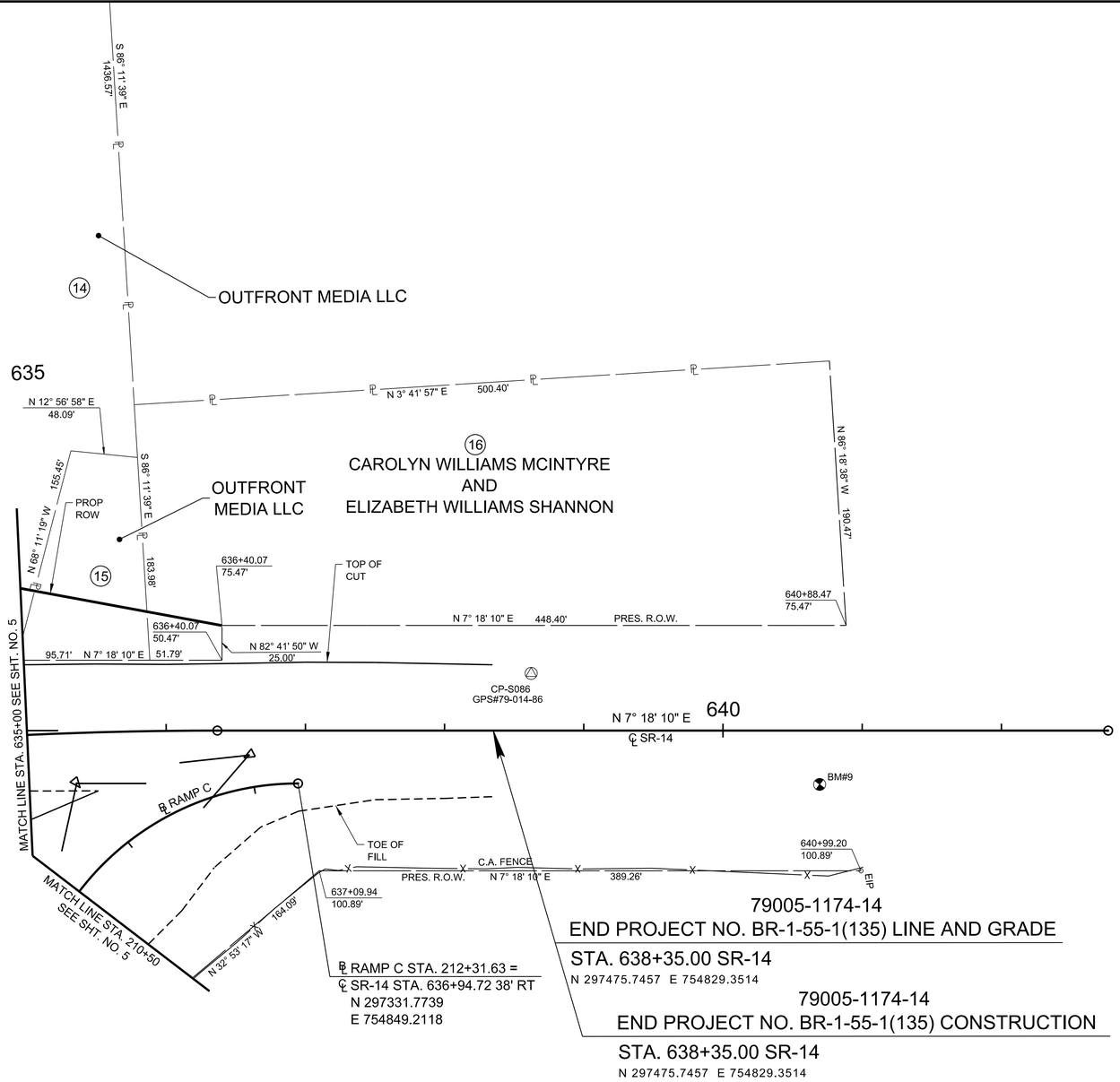
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	7A



INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

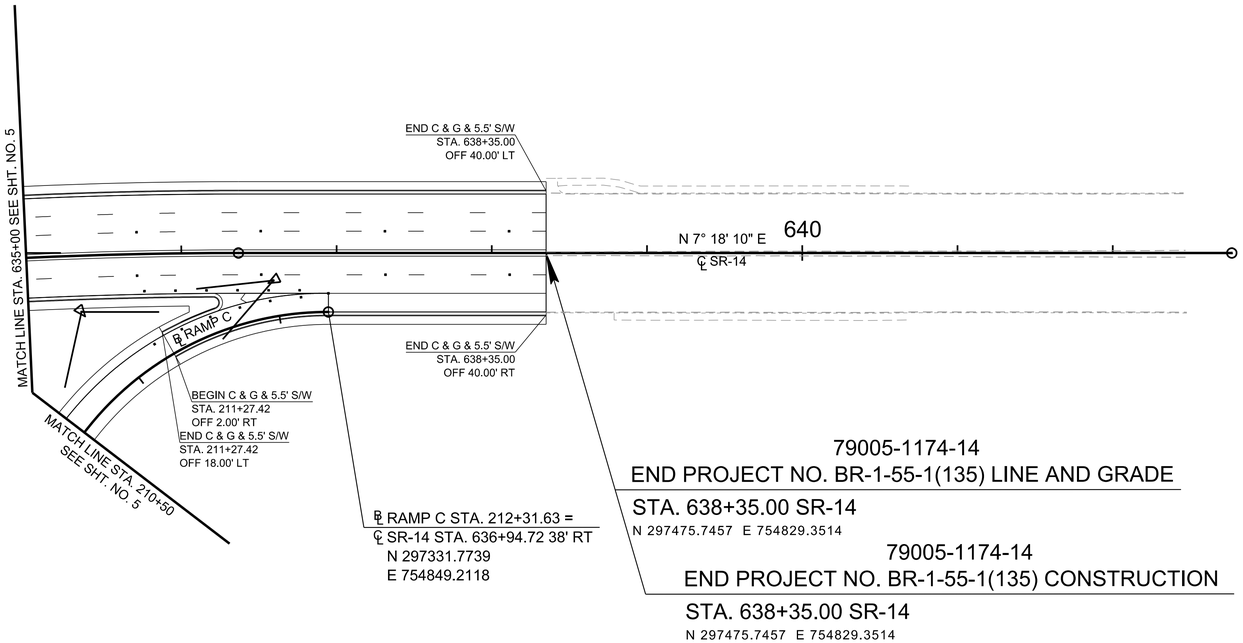
ROW DETAILS

STA. 635+00 TO STA. 638+35
SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	7B

N

635



INITIAL STUDIES REQUEST

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 635+00 TO STA. 638+35
SCALE: 1"= 50'

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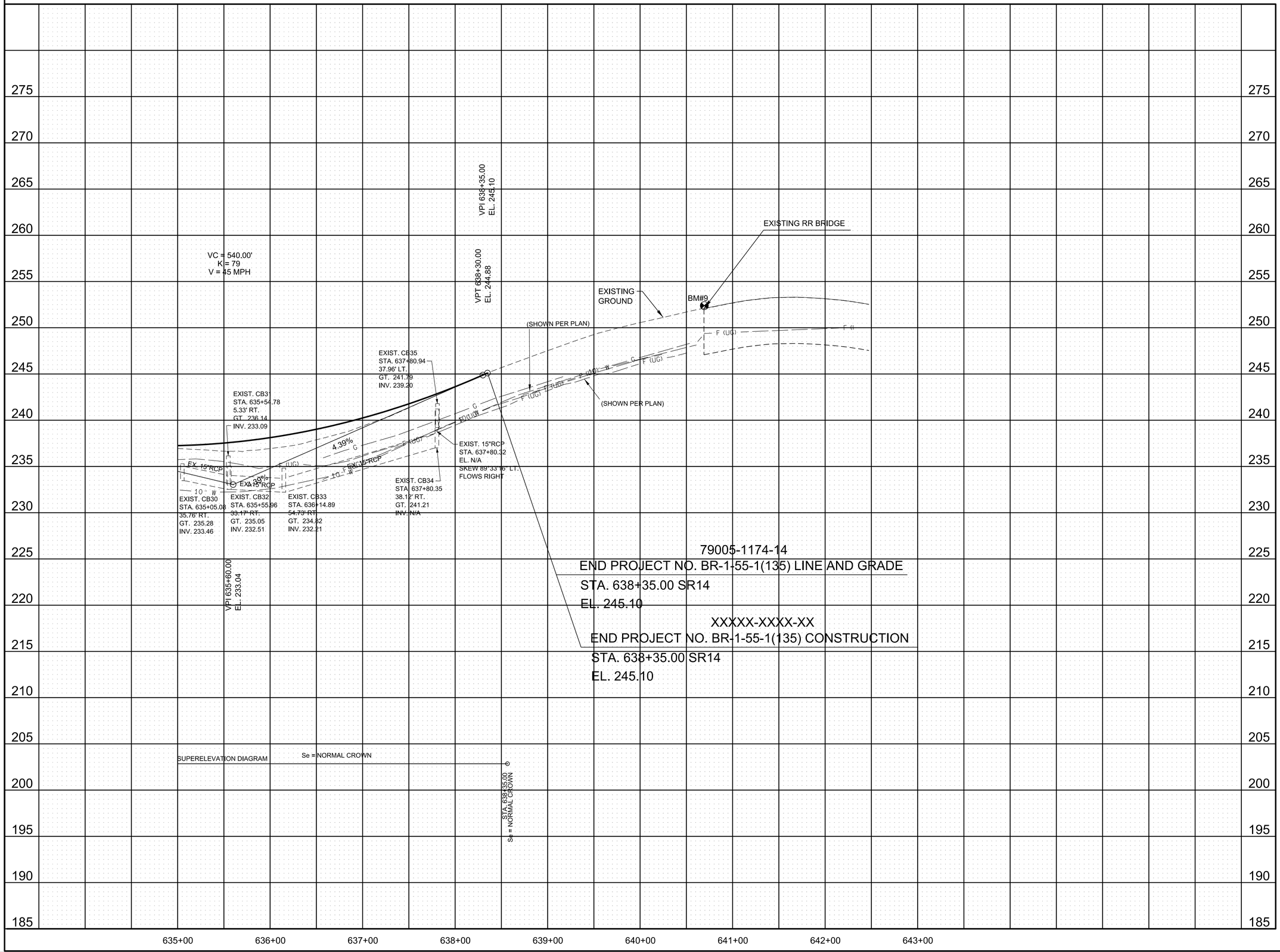
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	7C



INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE

STA. 635+00 TO STA. 642+00
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	8

N

MATCH LINE STA. 206+50
SEE SHT. NO. 5

I-55 WB OFF RAMP TO S.R 14 NB (ASP.)

205

N 22° 30' 16" W

LIMIT OF CONSTRUCTION
℄ RAMP C STA. 203+86.91 =
N 296737.3048
E 755378.2270

℄ RAMP B STA. 305+55.26 =
℄ RAMP C STA. 200+00.00
N 296461.2668
E 755641.6175

LIMIT OF CONSTRUCTION
℄ RAMP B STA. 303+96.59 =
℄ I-55 STA. 229+07.57 77.44' LT
N 296386.2540
E 755781.4315

MATCH LINE STA. 310+00
SEE SHT. NO. 5

310

OFF RAMP TO S.R. 14 SB (ASP.)

℄ RAMP B

℄ RAMP C

200

N 61° 32' 44" W

305

MATCH LINE STA. 223+00
SEE SHT. NO. 5

225

N 84° 06' 55" W

300

I-55 WB (ASP.)

230

℄ I-55

I-55 EB (ASP.)

160

S 81° 24' 12" E

℄ RAMP E

MATCH LINE STA. 159+00 SEE SHT. NO 5

℄ RAMP E STA. 162+50.00 =
℄ I-55 STA. 227+01.38
N 296291.2991
E 755542.8536

LIMIT OF CONSTRUCTION
℄ RAMP E STA. 161+69.79 =
℄ I-55 STA. 226+25.09 89.51' RT
N 296303.2895
E 755463.5406

I-55
CURVE DC15
PI 226+89.49
N 296,336.4899
E 755,540.4640
Δs 18° 36' 14" (LT)
Ds 5° 00' 00"
Δc 8° 36' 14" (LT)
Dc 2° 30' 00"
Rc 2,291.83
Lc 344.16
Ts 575.81
Ls 400.00

ST 232+57.84
N 296250.7894
E 756109.8579

SEE SHEET 6 FOR CURVE DATA

13
CITY OF MEMPHIS

INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 223+00 TO STA. 232+57
SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	8A

N

MATCH LINE STA. 206+50 SEE SHT. NO. 5

206+19.93
88.83'

EIP

168.06'

S 34° 06' 40" E

EIP

204+53.93
93.49'

LIMIT OF CONSTRUCTION
℄ RAMP C STA. 203+86.91 =
N 296737.3048
E 755378.2270

194.95'

S 34° 24' 07" E

205

N 32° 30' 07" W

TOE OF FILL

℄ RAMP C

EIP

202+51.14
97.62'

295.67'

S 53° 12' 57" E

C.A. FENCE

PRES. R.O.W.

EIP

304+65.54
99.70'

℄ RAMP B STA. 305+55.26 =
℄ RAMP C STA. 200+00.00
N 296461.2668
E 755641.6175

LIMIT OF CONSTRUCTION
℄ RAMP B STA. 303+96.59 =
℄ I-55 STA. 229+07.57 77.44' LT
N 296386.2540
E 755781.4315

EIP

S 87° 22' 02" E

254.84'

301+80
181.03'

TOE OF FILL

TOE OF FILL

MATCH LINE STA. 310+00 SEE SHT. NO. 5

310

℄ RAMP B

TOE OF FILL

N 61° 32' 44" W

200

305

TOP OF CUT

CP-S083
GPS#79-014-83

N 81° 06' 55" W

300

MATCH LINE STA. 223+00 SEE SHT. NO. 5

225

CP-S082
GPS#79-014-82

TOP OF CUT

230

℄ I-55

BM#11

160

S 81° 24' 12" E

℄ RAMP E

TOP OF CUT

MATCH LINE STA. 159+00 SEE SHT. NO. 5

℄ RAMP E STA. 162+50.00 =
℄ I-55 STA. 227+01.38
N 296291.2991
E 755542.8536

LIMIT OF CONSTRUCTION
℄ RAMP E STA. 161+69.79 =
℄ I-55 STA. 226+25.09 89.51' RT
N 296303.2895
E 755463.5406

228+49.26
298.39'

N 37° 05' 29" E
58.85'

228+29.07
352.53'

C.A. FENCE

464.76'

N 88° 29' 36" E

N 25° 28' 30" E
306.85'

N 44° 18' 26" E
235.55'

231+37.57
56.13'

N 9° 42' 24" E
16.22'

S 81° 21' 34" E
63.22'

229+73.39
81.83'

S 83° 20' 23" E

PRES. R.O.W.

167.06'

231+37.37
72.35'

232+00.45
55.93'

21.48'

229+14.91
138.43'

N 56° 39' 00" E
61.57'

C.A. FENCE

175.23'

N 37° 05' 29" E

℄

N 19° 26' 33" E
251.74'

℄

℄

R=1565.43'
L=943.58'

NOTE: THESE PORTIONS OF R.O.W. ARE GRAPHICALLY SET (NO DEED OR PLANS INFO.)

13

CITY OF MEMPHIS

INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY DETAILS

STA. 223+00 TO STA. 232+57
SCALE: 1"= 50'

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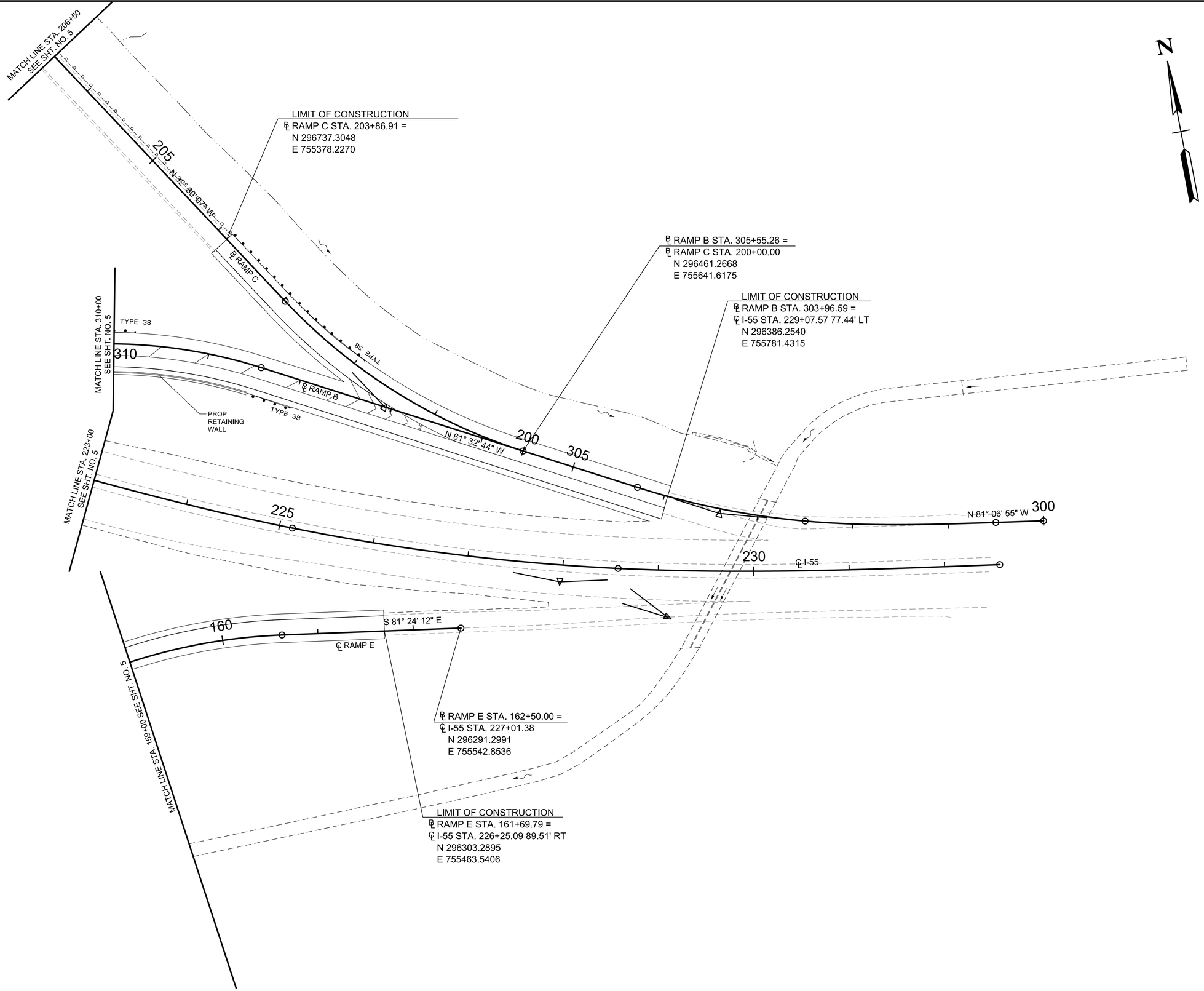
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	8B



INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 223+00 TO STA. 232+57
SCALE: 1"= 50'

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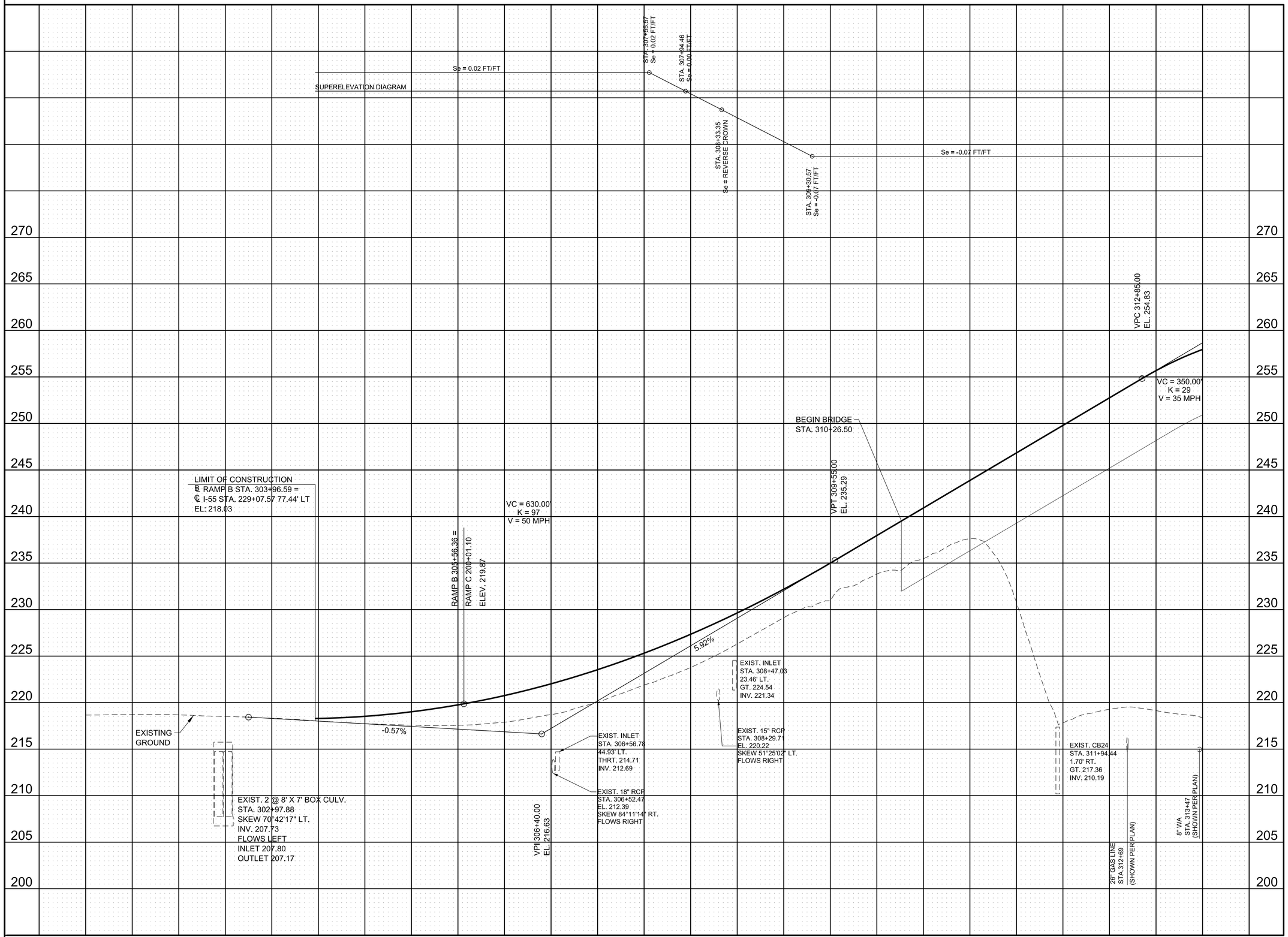
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	9



INITIAL STUDIES REQUEST

SEALED BY

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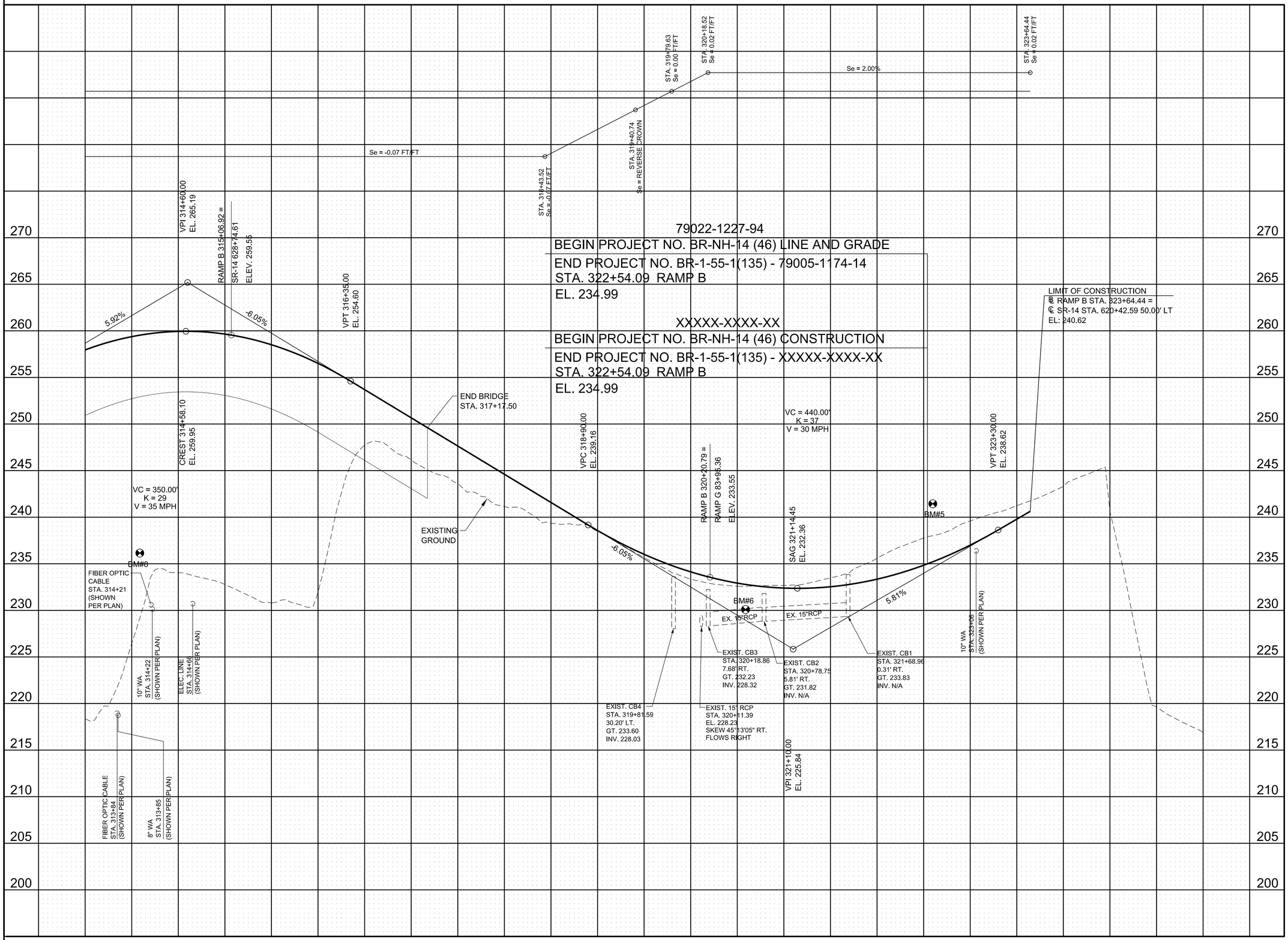
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE

RAMP B
STA. 303+96.59 TO STA. 313+50
SCALE: 1"=50' HORIZ.
1"=5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	10



79022-1227-94

BEGIN PROJECT NO. BR-NH-14 (46) LINE AND GRADE

END PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 322+54.09 RAMP B
EL. 234.99

XXXXX-XXXX-XX

BEGIN PROJECT NO. BR-NH-14 (46) CONSTRUCTION

END PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 322+54.09 RAMP B
EL. 234.99

INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE

RAMP B
STA. 313+50 TO STA. 322+54.09
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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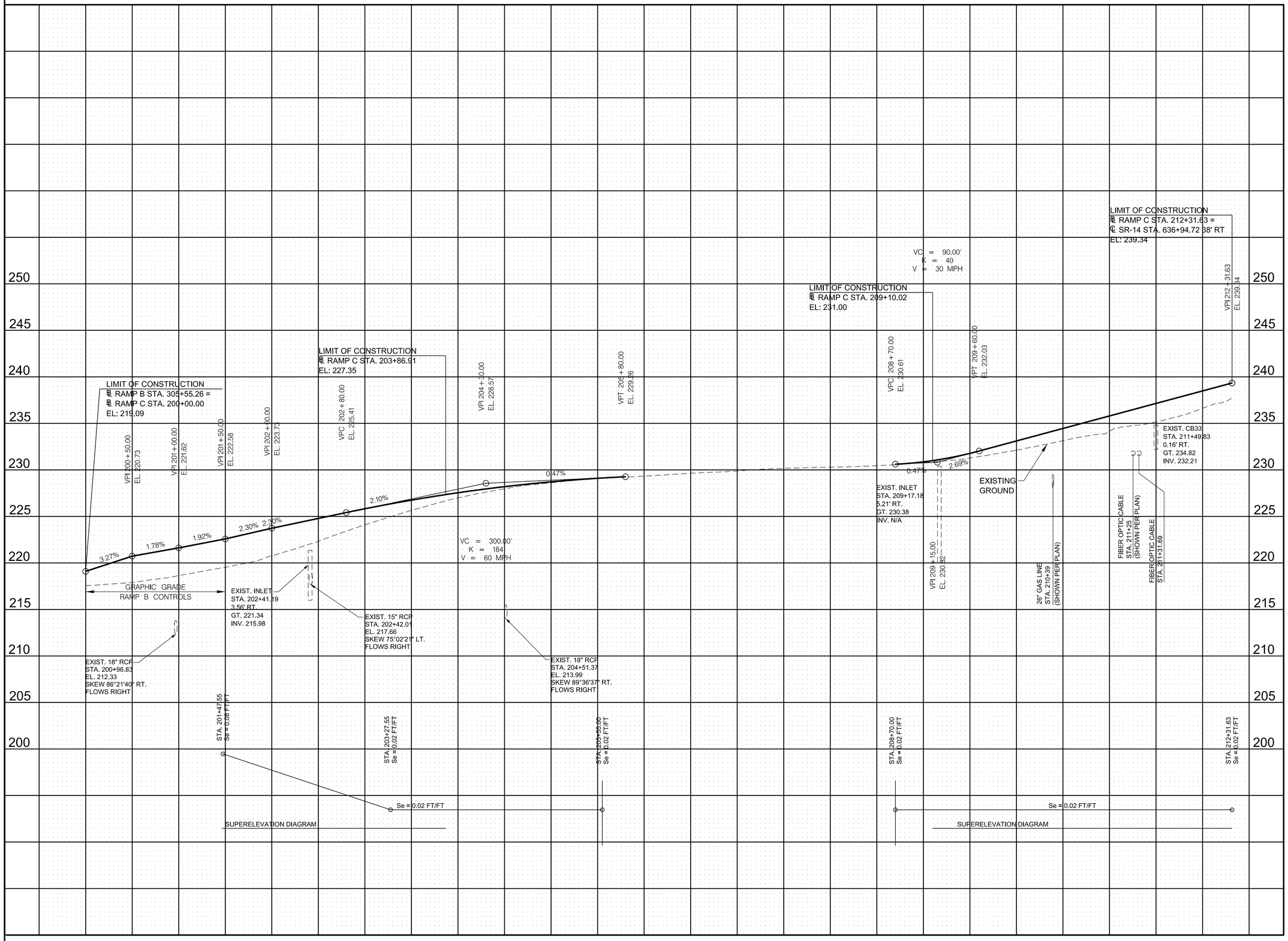
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	11



INITIAL STUDIES REQUEST

SEALED BY

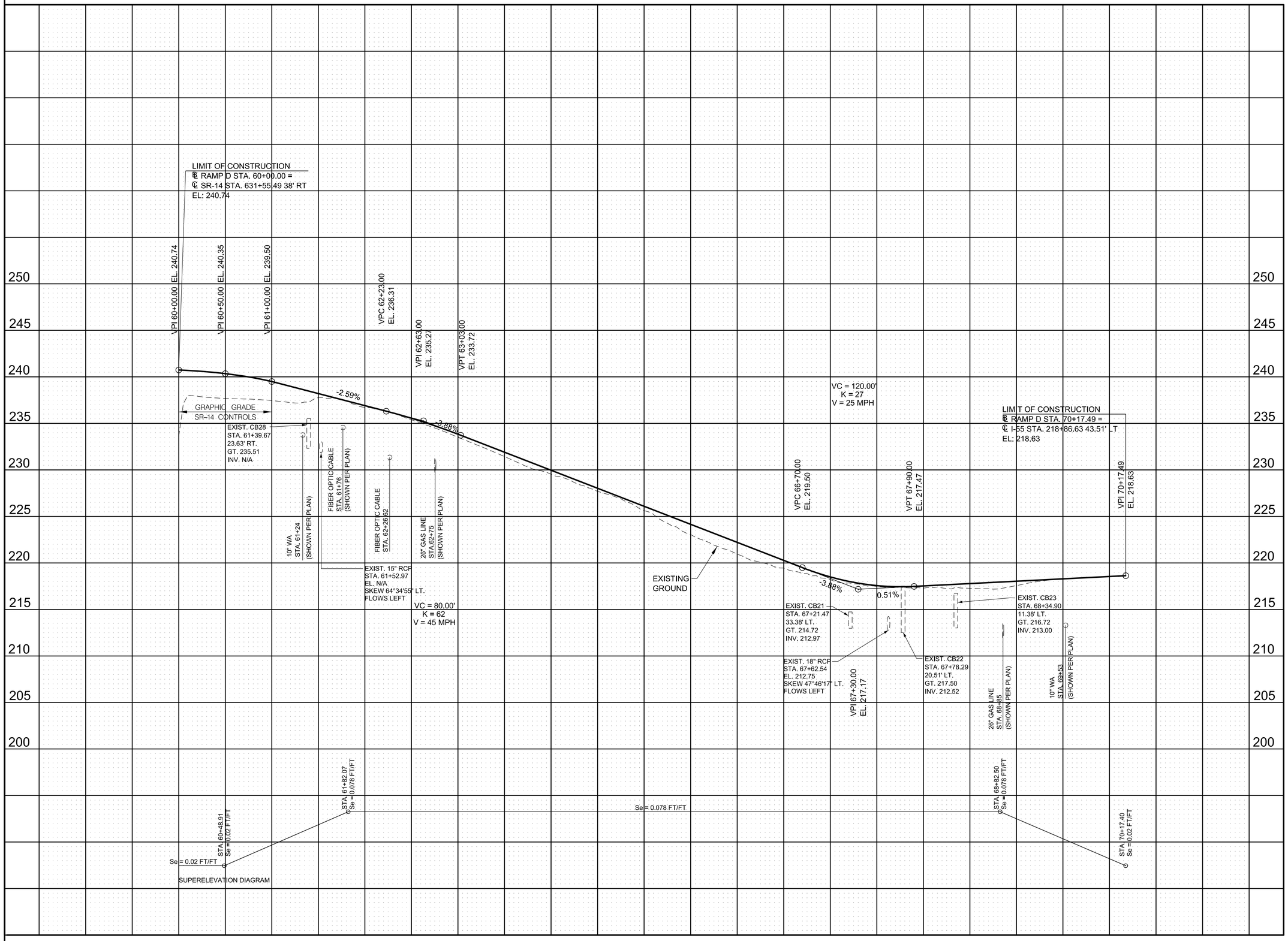
COORDINATE VALUES ARE NAD 83 (2011), ARE DATUM ADJUSTED BY THE FACTOR OF .99998, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL, OBTAINED ON 10-12-22.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE

RAMP C
STA. 200+00.00 TO STA. 212+31.63
SCALE: 1"=50' HORIZ.
1"=5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	12



INITIAL STUDIES REQUEST

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE

RAMP D
STA. 60+00.00 TO STA. 70+17.49
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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K:\MEM_Roadway\115004119 - SR 14 CMGC\Cadd\Plans\I55 Bridges\012 - Profile - Ramp D.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	13

LIMIT OF CONSTRUCTION
℄ RAMP E STA. 150+00.00 =
℄ SR-14 STA. 620+34.36 38' RT
EL: 241.24

79022-1227-94
END PROJECT NO. BR-NH-14 (46) LINE AND GRADE
BEGIN PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 151+13.09 RAMP E
EL. 235.32

XXXXX-XXXX-XX
END PROJECT NO. BR-NH-14 (46) CONSTRUCTION
BEGIN PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 151+13.09 RAMP E
EL. 235.32

VPI 150 + 50.00
EL. 238.41
VPI 151 + 00.00
EL. 235.89
VPI 151 + 50.00
EL. 233.70
VPI 152 + 00.00
EL. 231.72
VPI 152 + 50.00
EL. 229.76
VPI 153 + 00.00
EL. 227.95
VPI 153 + 50.00
EL. 226.53
VPI 154 + 00.00
EL. 225.52
VPC 155 + 20.00
EL. 222.05
VPT 158 + 20.00
EL. 218.86
VPI 161 + 69.79
EL. 221.52

-5.81%
-5.68%
-5.03%
-4.38%
-3.96%
-3.92%
-3.62%
-2.85%
-2.01%
-2.89%
0.76%

VC = 300.00'
K = 82
V = 45 MPH

LIMIT OF CONSTRUCTION
℄ RAMP E STA. 161+69.79 =
℄ I-55 STA. 226+25.09 89.51' RT
EL: 221.52

EXIST. CB11
STA. 151+68.75
22.29' RT.
GT. 233.00
INV. N/A

EX. 15"RCP

10" WA
STA. 150+69
(SHOWN PER PLAN)

GRAPHIC GRADE
SR-14 CONTROLS

10" WA
STA. 150+62
(SHOWN PER PLAN)

EXIST. 18" RCP
STA. 153.27
EL. 224.64
SKEW 45°51'06" RT.
FLOWS RIGHT

EXIST. CB13
STA. 153+70.75
17.23' RT.
GT. 224.96
INV. N/A

FIBER OPTIC CABLE
STA. 153+22
(SHOWN PER PLAN)

EXISTING
GROUND

EXIST. 2 @ 8' X 7' BOX CULV.
STA. 155+06.27
SKEW 62°19'46" RT
INV. 205.53
FLOWS LEFT
INLET 205.93
OUTLET 201.87

SAG 157+57.53
EL. 218.62

VPI 156 + 70.00
EL. 217.71

26" GAS LINE
STA. 157+15
(SHOWN PER PLAN)

EXIST. 30" RCP
STA. 157+25.58
EL. 207.86
SKEW 85°35'09" LT.
FLOWS RIGHT

STA. 159+12.42
Se = 0.08 FT/FT

FIBER OPTIC CABLE
STA. 161+68
(SHOWN PER PLAN)

STA. 151+27.30
Se = 0.02 FT/FT

STA. 153+07.30
Se = 0.08 FT/FT

Se = 0.08 FT/FT

STA. 160+92.42
Se = 0.02 FT/FT

Se = 0.02 FT/FT

SUPERELEVATION DIAGRAM

150+00 151+00 152+00 153+00 154+00 155+00 156+00 157+00 158+00 159+00 160+00 161+00 162+00

250 245 240 235 230 225 220 215 210 205 200

INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE

RAMP E
STA. 150+00 TO STA. 161+69.79
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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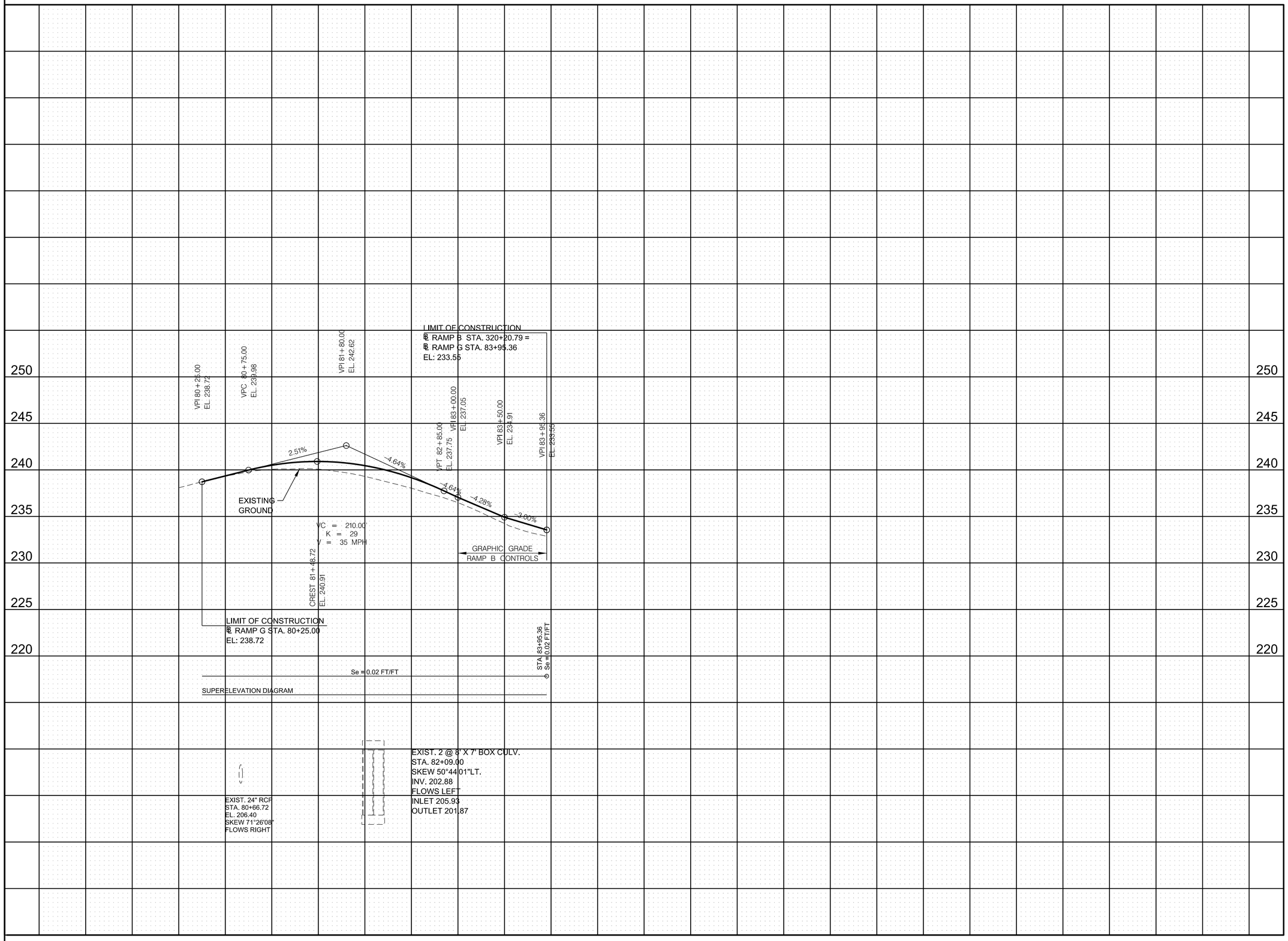
TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	14



INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE

RAMP G
STA. 80+25 TO STA. 83+95.36
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	15

LIMIT OF CONSTRUCTION
℄ RAMP H STA. 20+00.00 =
℄ SR-14 STA. 630+27.08 38' LT
EL: 239.88

VPI 20+00.00 EL. 239.88
VPI 20+50.00 EL. 238.82
VPI 21+00.00 EL. 237.30

VC = 80.00'
K = 28
V = 25 MPH

VPC 23+71.00
EL. 226.68

VPT 24+51.00
EL. 224.67

GRAPHIC GRADE
SR-14 CONTROLS

EXIST. CB15
STA. 21+09.54
0.50' LT.
GT. 232.05
INV. N/A

POWER
STA. 21+19
(SHOWN PER PLAN)

EXISTING
GROUND

-3.92%

-1.10%

LIMIT OF CONSTRUCTION
℄ RAMP H STA. 29+16.47 =
℄ I-55 STA. 217+88.13 43.57' RT
EL: 219.54

VPI 29+16.47
EL. 219.54

EXIST. CB17
STA. 28+23
19' LT.
GT. N/A
INV. N/A

FIBER OPTIC CABLE
STA. 27+24
(SHOWN PER PLAN)

VPI 24+11.00
EL. 225.12

EXIST. 24" RCP
STA. 23+31.06
EL. 210.08
SKEW 72°17'20"
FLOWS LEFT

EXIST. CB16
STA. 27+72.29
6.79' RT.
GT. 219.34
INV. N/A

EXIST. 15" RCP
STA. 27+90.71
EL. N/A
SKEW 23°56'20" LT.
FLOWS RIGHT

EXIST. 15" RCP
STA. 28+96.32
EL. N/A
SKEW 87°16'40" LT.
FLOWS LEFT

STA. 20+48.38
Se = 0.02 FT/FT

STA. 21+86.38
Se = 0.08 FT/FT

Se = 0.08 FT/FT

STA. 27+76.48
Se = 0.08 FT/FT

STA. 29+16.47
Se = 0.02 FT/FT

Se = 0.02 FT/FT

SUPERELEVATION DIAGRAM

250 245 240 235 230 225 220 215 210 205 200

20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00

INITIAL STUDIES REQUEST

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE

RAMP H
STA. 20+00 TO STA. 29+16.47
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
LINE&GRADE	2023	BR-I-55-1(135)	16

79022-1227-94
END PROJECT NO. BR-NH-14 (46) LINE AND GRADE

BEGIN PROJECT NO. BR-1-55-1(135) - 79005-1174-14
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

XXXXX-XXXX-XX
END PROJECT NO. BR-NH-14 (46) CONSTRUCTION

BEGIN PROJECT NO. BR-1-55-1(135) - XXXXX-XXXX-XX
STA. 621+50.00 SR-14
N 295807.3707 E 754644.4494

① DRAINAGE DATA FOR 2 @ 12'X8' RCBC
PROP. I-55 STATION 212+58.92

DIRECTION OF FLOW: SOUTH
DRAINAGE AREA 906.394 AC., ( ) FLAT; (X) ROLLING; ( ) HILLY; ( ) MTNS.
PRESENT STRUCTURE: 2 @ 12'X8' RCBC
EXISTING STRUCTURE CONDITION: N/A

600 605 610 615 620 625 630 635 640

NONCONNAH CREEK
STANDING WATER
CONC DITCH
2 @ 12' X 8' RCB
CONC DITCH
2 @ 8' X 7' RCB
CONC DITCH
℄ I-55
℄ SR-14
℄ RAMP G
℄ RAMP H
℄ RAMP B
℄ RAMP A
℄ RAMP C
℄ RAMP D
℄ RAMP E
℄ RAMP B
CONC DITCH
2 @ 8' X 7' RCB
EX 14" X 14" RCBC
FOUR SIGNS

DRAINAGE AREA
N.T.S.

DRAINAGE AREA
N.T.S.

79022-1227-94
BEGIN PROJECT NO. BR-NH-14(46) LINE AND GRADE
STA. 604+00.00 SR-14
N 294075.6506 E 754396.0054

XXXXX-XXXX-XX
BEGIN PROJECT NO. BR-NH-14(46) CONSTRUCTION
STA. 604+00.00 SR-14
N 294075.6506 E 754396.0054

79005-1174-14
END PROJECT NO. BR-1-55-1(135) LINE AND GRADE
STA. 638+35.00 SR14
N 297475.7457 E 754829.3514

XXXXX-XXXX-XX
END PROJECT NO. BR-1-55-1(135) CONSTRUCTION
STA. 638+35.00 SR14
N 297475.7457 E 754829.3514

② DRAINAGE DATA FOR 2 @ 8'X7' RCBC
PROP. I-55 STATION 229+75.70

DIRECTION OF FLOW: WEST
DRAINAGE AREA 588.669 AC., ( ) FLAT; (X) ROLLING; ( ) HILLY; ( ) MTNS.
PRESENT STRUCTURE: 2 @ 8'X7' RCBC
EXISTING STRUCTURE CONDITION: N/A

INITIAL STUDIES REQUEST

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

SCALE: 1=200'

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