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STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

DAVIDSON COUNTY

SR-1 (US-431) BRIDGE OVER BROADWAY /
11TH AVENUE SOUTH AND CSX RAILROAD AT L.M. 17.29

PRELIMINARY BRIDGE REPLACEMENT

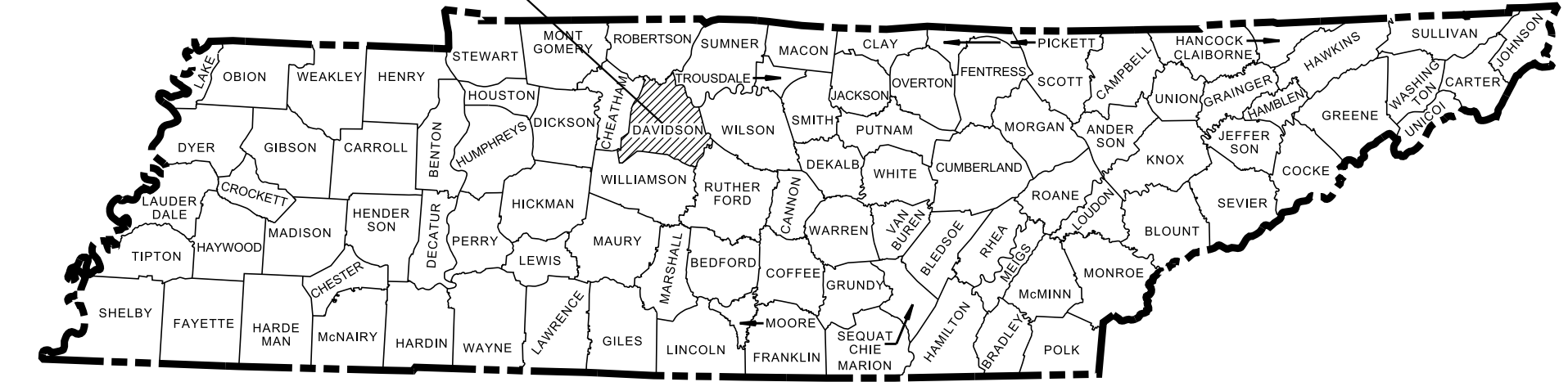
STATE HIGHWAY NO. 1 U.S. ROUTE NO. 431

DOES THIS PROJECT QUALIFY FOR UTILITY CHAPTER 86	YES	NO
--	-----	----

TENN.	YEAR	SHEET NO.
	2021	1
FED. AID PROJ. NO.	BR-NH-1(435)	
STATE PROJ. NO.	19019-0225-94	

PROJECT LOCATION

BRIDGE ID. # 19SR0010019



NO EXCLUSIONS

**CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE**

SEALED BY

19019-0225-94
END PROJECT NO. BR-NH-1(435) PRELIMINARY
STA. 109+89.00
N 665113.3985 E 1737016.9248

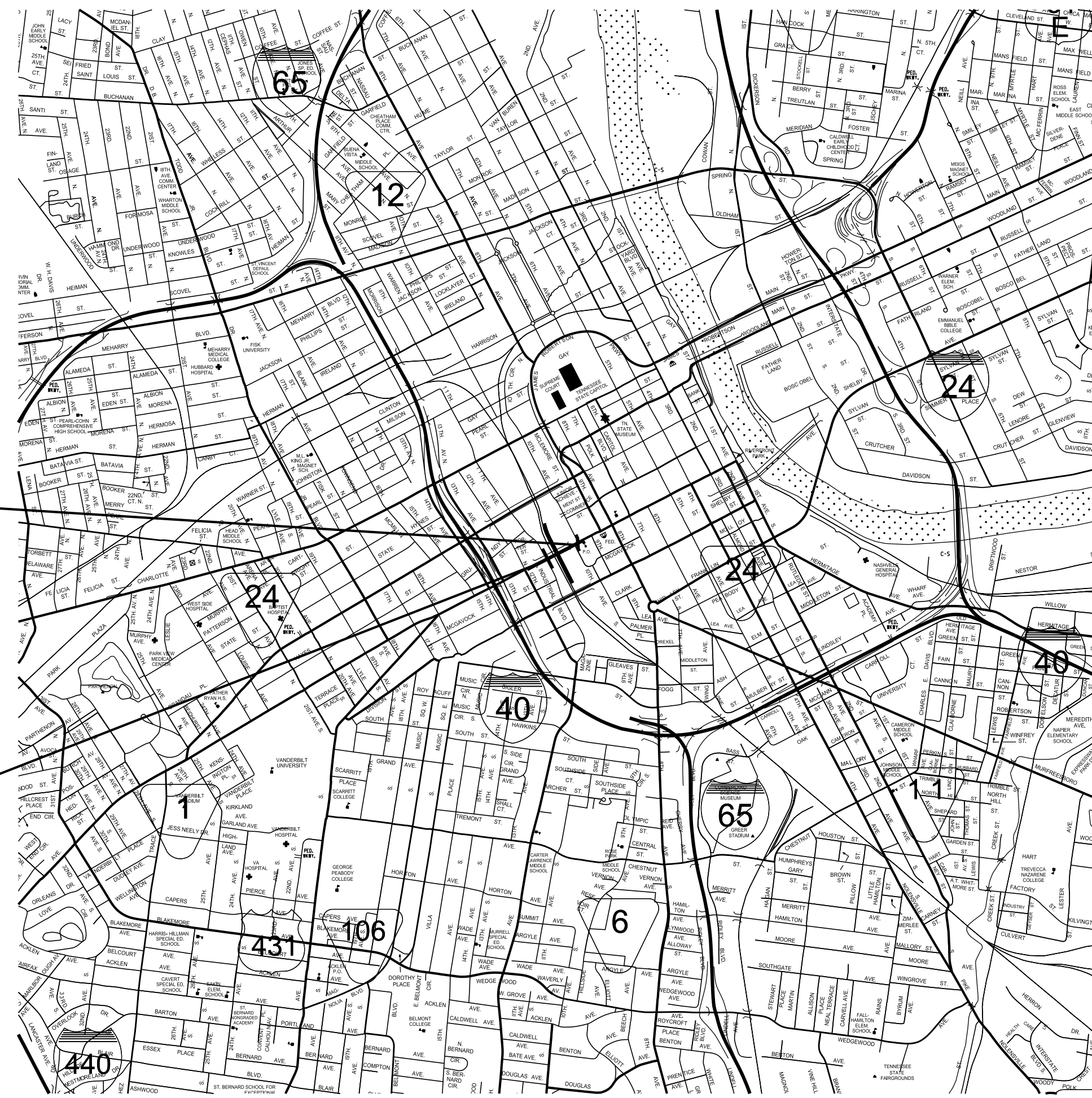
19019-0225-94
BEGIN PROJECT NO. BR-NH-1(435) PRELIMINARY
STA. 102+46.00
N 664771.4162 E 1736357.3059

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.

ASSISTANT DIRECTOR, CONSTRUCTION DIVISION: LIA OBAID, P.E.
DESIGNED BY: GRESHAM SMITH
DESIGNER: _____ CHECKED BY: _____
P.E. NO. 19019-0225-94 (NEPA)
PIN NO. 124238.00



SCALE: 1"= 2000



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

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

SURVEY - -	TRAFFIC DATA
	ADT (20)
	ADT (20)
	DHV (20)
	D
	T (ADT) %
	T (DHV) %
	V MPH

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000600 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2012bu7 MODEL.

APPROVED: Paul D. Degges
PAUL D. DEGGES, CHIEF ENGINEER

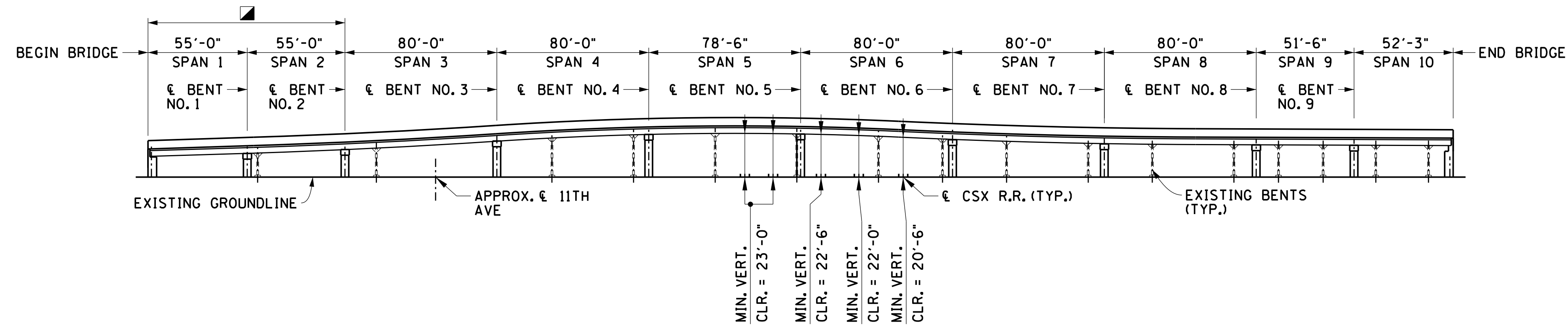
DATE: _____

APPROVED: Clay Bright
CLAY BRIGHT, COMMISSIONER

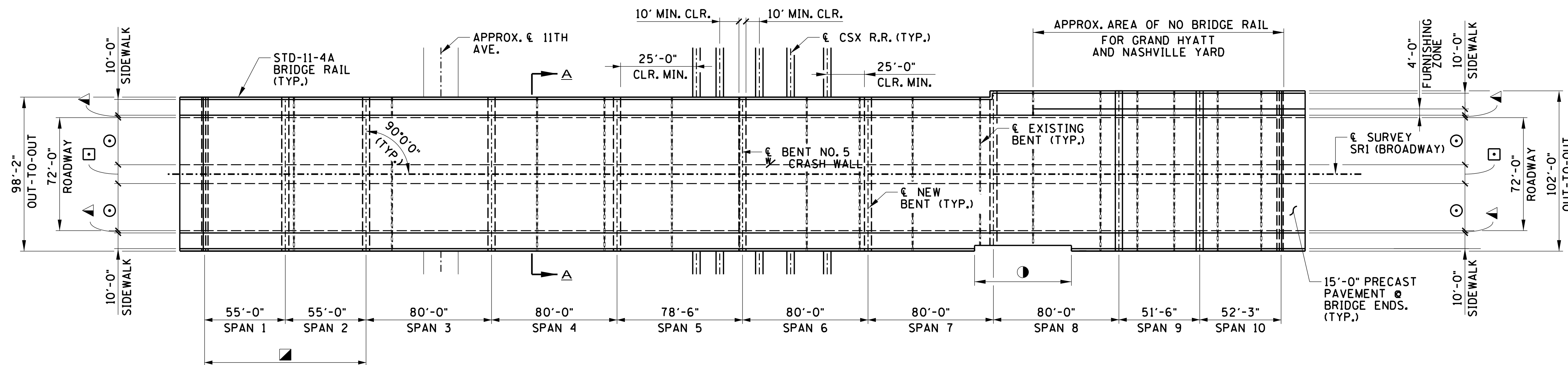
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

PROJECT NO.	YEAR	SHEET NO.	
BR-NH-1(435)	2021	2	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



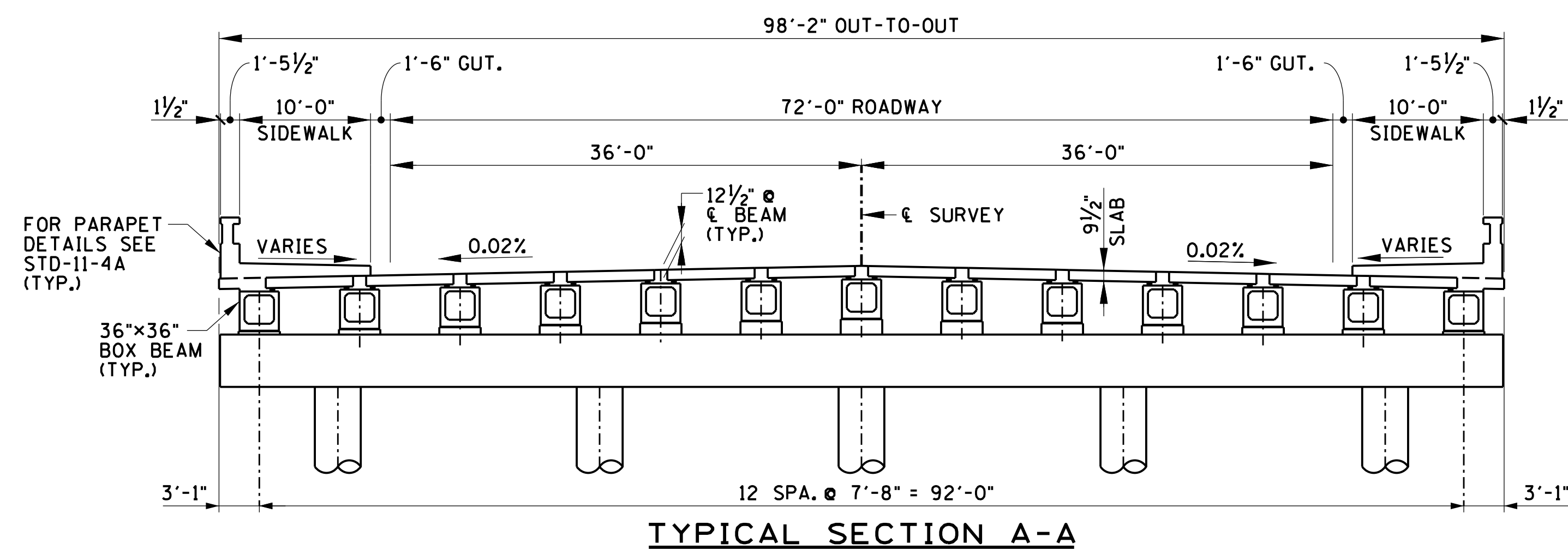
ELEVATION



PLAN

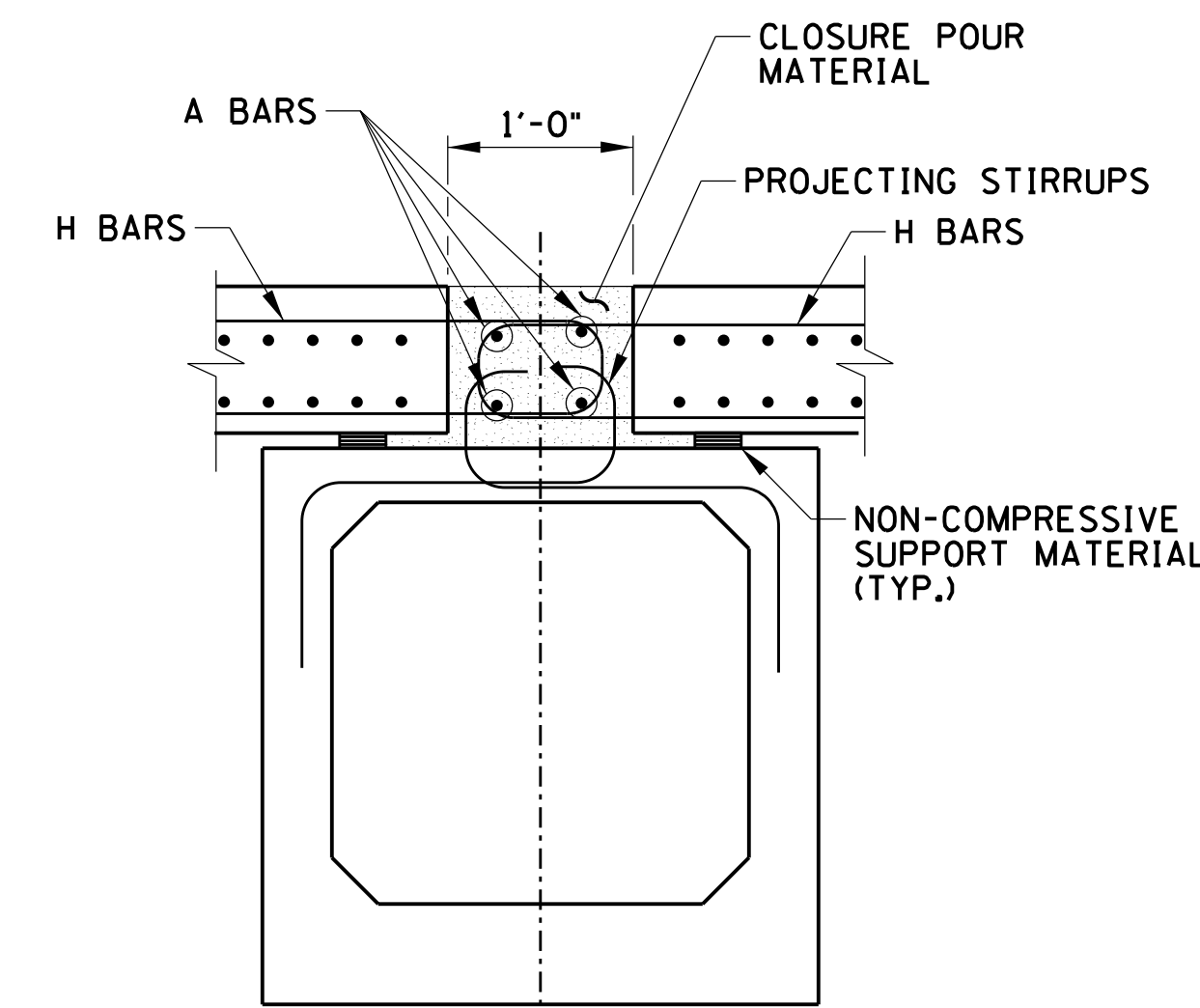
- ⊙ DENOTES: 3 LANES @ 10'-0" = 30'-0"
- ▲ DENOTES: 1'-6" GUTTER
- DENOTES: 12'-0" TWO-WAY LEFT HAND TURN LANE
- DENOTES: SPANS MAY BE ABLE TO BE ELIMINATED WITH USE OF WALLS OR GEOFOAM.

- ⊙ DENOTES: AREA OF NO BRIDGE RAIL AND 61'-9" X 3'-7⁵/₈" CUT-OUT SECTION FOR HISTORIC UNION STREET



TYPICAL SECTION A-A

NOTE: ABC TECHNIQUES SUCH AS PRECAST ELEMENTS CAN BE USED FOR BOTH SUPERSTRUCTURE AND SUBSTRUCTURE COMPONENTS.



PANEL TO BEAM CONNECTION

NOTE: VERTICAL FACE OF SUPERSTRUCTURE UNITS SHALL BE ROUGHENED AT TIME OF CASTING BY CHEMICAL OR OTHER FORMING METHODS.

**CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE**

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE CONCEPT
STATE ROUTE 1 (BROADWAY)
OVER
CSX RAILROAD &
11TH AVE. SOUTH
BR NO. 19-SR001-17.29
FED. ID. NO. 19SR0010019
DAVIDSON COUNTY
2021

PIN NO.: 124238.00
DESIGN BY: GRESHAM SMITH
DRAWN BY:
SUPERVISED BY:
CHECKED BY:
DATE: 01/2021
DATE:
DATE:
DATE:



TYPE	YEAR	PROJECT NO.	SHEET NO.
CONCPT.	2021	BR-NH-1(435)	3

RIGHT-OF-WAY

- (1) IT IS INTENDED THAT ALL BUILDINGS AND/OR PORTIONS OF BUILDINGS THAT ARE WITHIN THE PROPOSED RIGHT-OF-WAY AND/OR EASEMENT LINES FOR THE PROJECT BE REMOVED THERE FROM IN THE PROCESS OF RIGHT-OF-WAY ACQUISITION. IF ANY SUCH BUILDINGS OR IMPROVEMENTS ARE NOT REMOVED IN THE COURSE OF RIGHT-OF-WAY ACQUISITION, THE CIVIL ENGINEERING MANAGER 2, CONSTRUCTION DIVISION IS TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF THE CONSTRUCTION CONTRACT.
- (2) 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.
- (3) EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.
- (4) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- (5) 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.
- (6) 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.
- (7) 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.

- (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.
- (6) *NO WORK SHALL OCCUR IN THE AREA MARKED ON THE PLANS AS STREAM/WETLAND MITIGATION RIGHT-OF-WAY OR MITIGATION AREA. NO UTILITY RELOCATION OR OTHER LAND DISTURBANCE IS AUTHORIZED. ONLY ACTIVITIES PERTAINING TO THE CONSTRUCTION OR MANAGEMENT OF THE STREAM/WETLAND MITIGATION SITE MAY OCCUR, WHICH WILL BE INDICATED ON THE STREAM MITIGATION PLANS (TBD). ANY VIOLATIONS OF THE ABOVE MENTIONED WILL RESULT IN NON-COMPLIANCE WITH THE ENVIRONMENTAL PERMIT REQUIREMENTS.*

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.

UTILITY OWNERS

CABLE:

Verizon
 101 Molloy Street
 Nashville, TN 37201
 CONTACT: Dereck Dee
 OFFICE PHONE: 615 777 4723
 CELL PHONE: 615 207 1297
 Email: Derek.R.Dee@verizon.com

ELECTRIC:

Nashville Electric Service
 1214 Church Street
 Nashville, TN 37246
 CONTACT: Mike Edwards
 OFFICE PHONE: 615 747 3531
 CELL PHONE: 615 210 4632
 Email: medwards@nespower.com

GAS:

Piedmont Gas
 83 Century Blvd
 Nashville, TN 37214
 CONTACT: Benjamin Davis
 OFFICE PHONE: 615 872 2450
 CELL PHONE: 704 941 7888
 Email: Benjamin.davis2@duke-energy.com

TELEPHONE:

AT&T

116 S. Cannon Street
 Murfreesboro, TN 37129
 CONTACT: Kim Bean
 OFFICE PHONE: 615 336 7502
 CELL PHONE: 615 509 9336
 Email: Kb1078@att.com

WATER & SEWER:

Metro Water and Sewer
 1600 Second Ave North
 Nashville, TN 37246
 CONTACT: Steve Nunley
 OFFICE PHONE: 615 862 4534
 CELL PHONE: 615 566 3846
 Email: Steve.nunley@nashville.gov

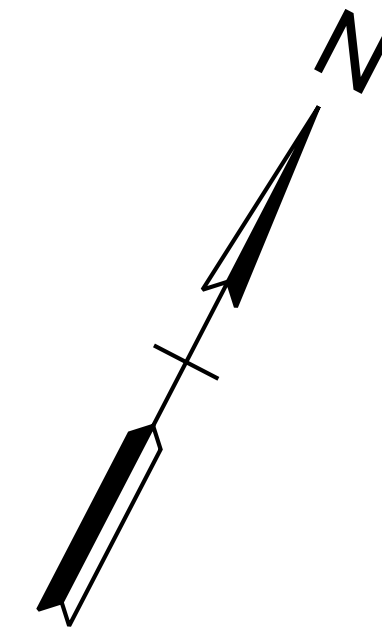
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 CHANGE**

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**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONCPT.	2021	BR-NH-1(435)	3A



BEGIN PROJECT NO. BR-NH-1(435)(PRELIM.)
 S.R.1 (DAVIDSON COUNTY) STA. 102+46.00
 N 664771.4162
 E 1736357.3059

19019-0225-94
 END PROJECT NO. BR-NH-1(435)(PRELIM.)
 S.R.1 (DAVIDSON COUNTY) STA. 109+89.00
 N 665113.3985
 E 1737016.9248

BROADWAY (S.R. 1) STA. 100+00.00
 N 664658.1893
 E 1736138.9125

11TH AVENUE STA. 20+00.00
 N 665040.2105
 E 1736419.5072
 BROADWAY (S.R. 1) STA. 104+25.00 =
 11TH AVENUE STA. 22+10.00
 N 664853.8055
 E 1736516.2191

11TH AVENUE STA. 24+10.00
 N 664676.2769
 E 1736608.3255

CSX RAILROAD STA. 92+25.00
 N 664406.2711
 E 1736979.4887

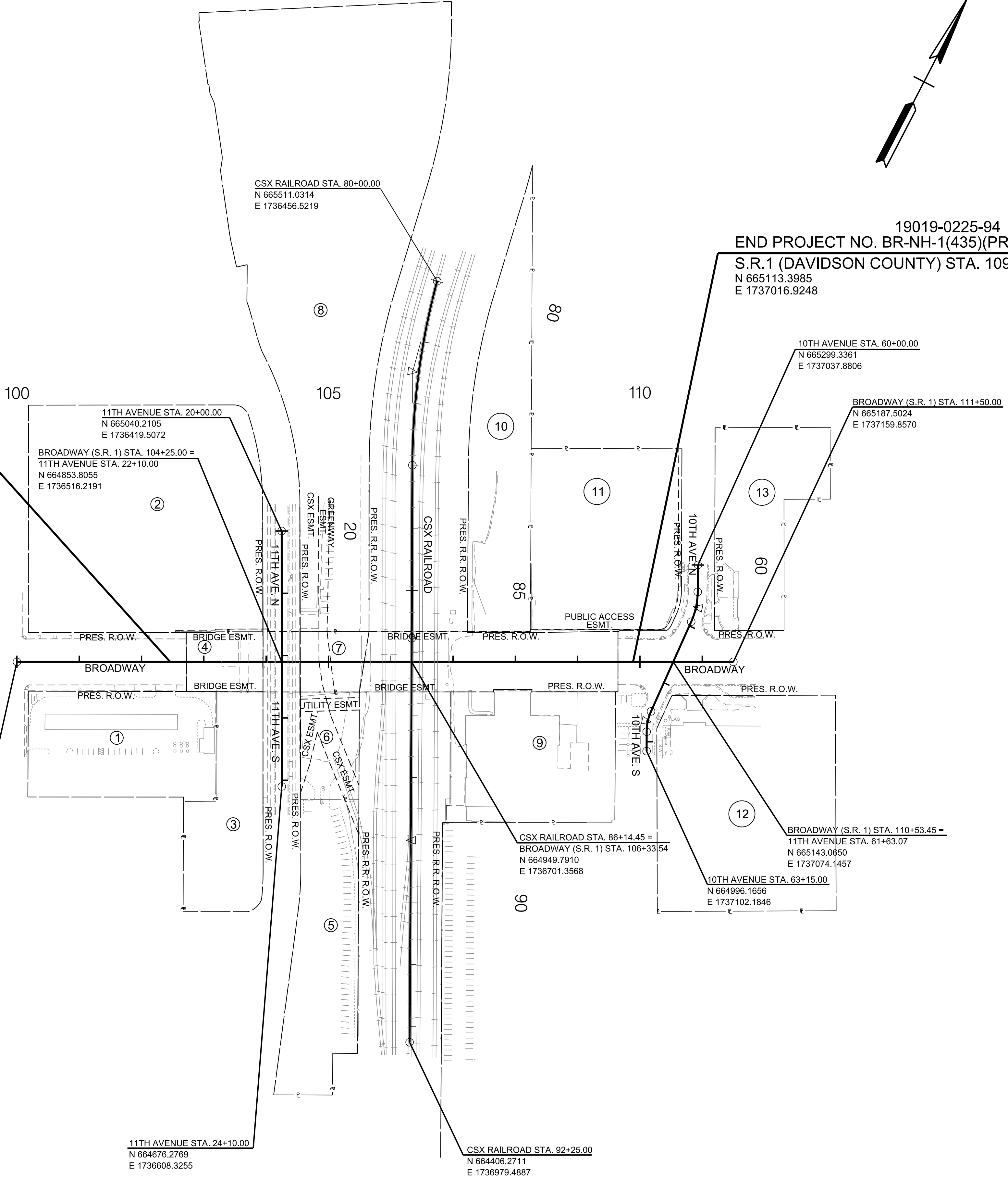
CSX RAILROAD STA. 86+14.45 =
 BROADWAY (S.R. 1) STA. 106+33.54
 N 664949.7910
 E 1736701.3568

BROADWAY (S.R. 1) STA. 110+53.45 =
 11TH AVENUE STA. 61+63.07
 N 665143.0650
 E 1737074.1457

10TH AVENUE STA. 63+15.00
 N 664996.1656
 E 1737102.1846

10TH AVENUE STA. 60+00.00
 N 665299.3361
 E 1737037.8806

BROADWAY (S.R. 1) STA. 111+50.00
 N 665187.5024
 E 1737159.8570



CAUTION!
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STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

PROPERTY
 MAP

SCALE: 1"=100'

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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.
				BK.	PAGE											
1	7-ELEVEN, INC.	93090	16100	20180131	9918		1.184	1.184				1.184				
2	HIGHWOODS REALTY LIMITED PARTNERSHIP	93090	12900/13200/ 13500/32100	20180222	17127	3.114		3.114			3.114					
3	1100M, LLC.	93090	32400	QC 20190731	75639		0.819	0.819				0.819				
4	CADEN GROUP 4, LLC.	93090	32300	20180619	58801	0.134	0.135	0.269			0.134	0.135				
5	M11 LAND CO. LLC.	93090	34400	QC 20180618	58592		1.106	1.106				1.106				
6	CHP, LLC.	93090	32800	QC 20120730	66620		0.372	0.372				0.372				
7	HIGHWOODS REALTY LIMITED PARTNERSHIP	93090	32900	20200207	14432	0.110	0.118	0.228			0.110	0.118				
8	HIGHWOODS REALTY LIMITED PARTNERSHIP	93050	19400	20180205	11756	5.330		5.330			5.330					
9	METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVISON COUNTY	93090	32600	QC 00006681	591		1.283	1.283				1.283				
10	SWVP NASHVILLE PARK, LLC.	93090D	90000CO	20180329	29727	1.313		1.313			1.313					
11	SWVP NASHVILLE HOTEL, LLC.	93090	34300	20180119	5748	1.620		1.620			1.620					
12	METROPOLITAN DEVELOPMENT AND HOUSING AGENCY	93090	31000	11129	685		2.267	2.267				2.267				
13	NHT NASHVILLE, LLC.	93050	18500	20190111	3283	1.029		1.029			1.029					

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONCPT.	2021	BR-NH-1(435)	3B

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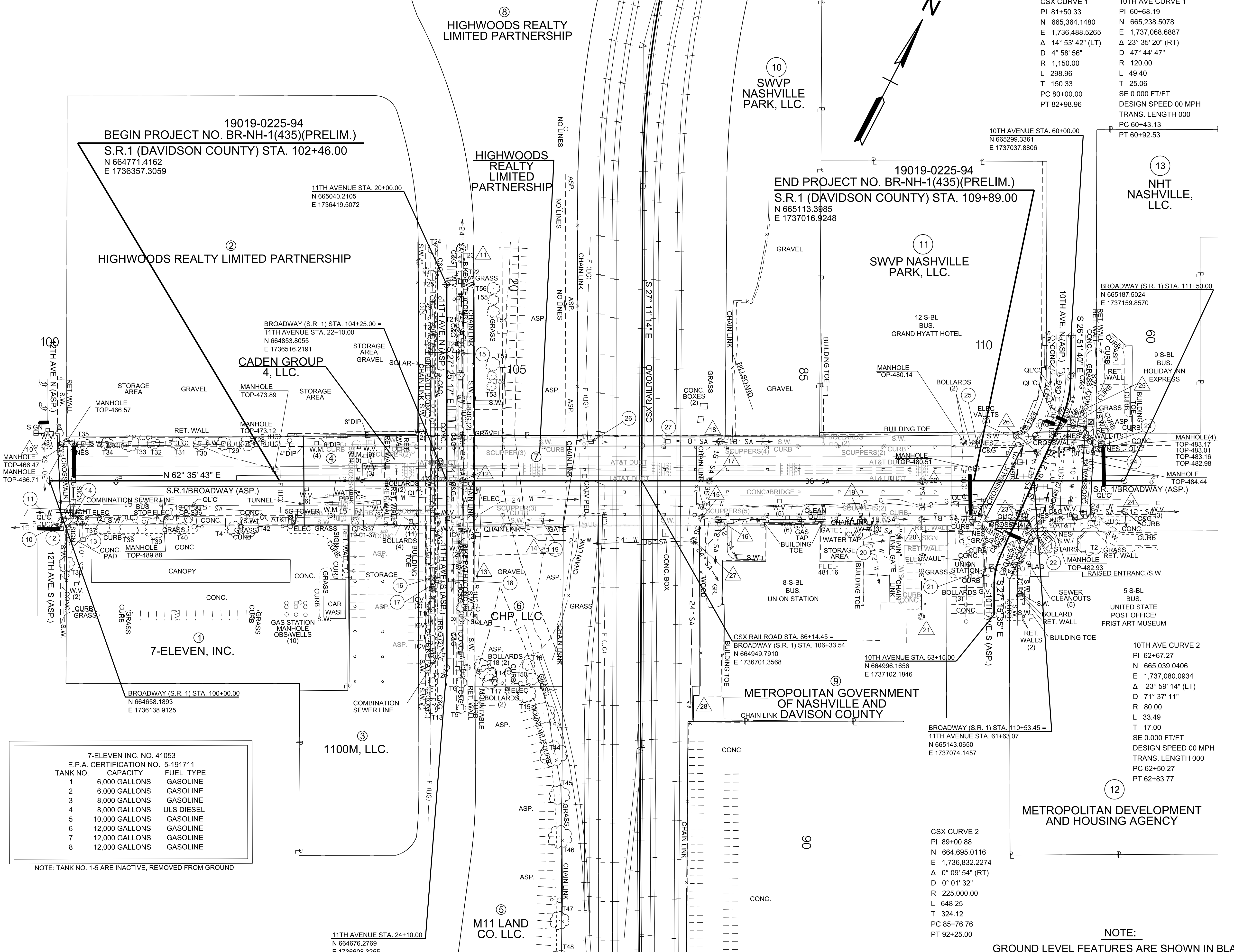
**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**RIGHT-OF-WAY
ACQUISITION
TABLE**

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONCPT.	2021	BR-NH-1(435)	4

CSX CURVE 1
 PI 81+50.33
 N 665,364.1480
 E 1,736,488.5265
 Δ 14° 53' 42" (LT)
 D 4° 58' 56"
 R 1,150.00
 L 298.96
 T 150.33
 PC 80+00.00
 PT 82+98.96

10TH AVE CURVE 1
 PI 60+68.19
 N 665,238.5078
 E 1,737,068.6887
 Δ 23° 35' 20" (RT)
 D 47° 44' 47"
 R 120.00
 L 49.40
 T 25.06
 SE 0.000 FT/FT
 DESIGN SPEED 00 MPH
 TRANS. LENGTH 000
 PC 60+43.13
 PT 60+92.53



19019-0225-94
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 N 665113.3985
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13
 NHT
 NASHVILLE,
 LLC.

2
 HIGHWOODS REALTY LIMITED PARTNERSHIP

HIGHWOODS REALTY LIMITED PARTNERSHIP

11
 SWVP NASHVILLE PARK, LLC.

CADEN GROUP 4, LLC.

1
 7-ELEVEN, INC.

6
 CHP, LLC

9
 METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVISON COUNTY

12
 METROPOLITAN DEVELOPMENT AND HOUSING AGENCY

3
 1100M, LLC.

5
 M11 LAND CO. LLC.

CAUTION!
 PRELIMINARY
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STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

GROUND LEVEL
 SCALE: 1"=50'

TANK NO.	CAPACITY	FUEL TYPE
1	6,000 GALLONS	GASOLINE
2	6,000 GALLONS	GASOLINE
3	8,000 GALLONS	GASOLINE
4	8,000 GALLONS	ULS DIESEL
5	10,000 GALLONS	GASOLINE
6	12,000 GALLONS	GASOLINE
7	12,000 GALLONS	GASOLINE
8	12,000 GALLONS	GASOLINE

NOTE: TANK NO. 1-5 ARE INACTIVE, REMOVED FROM GROUND

CSX CURVE 2
 PI 89+00.88
 N 664,695.0116
 E 1,736,832.2274
 Δ 0° 09' 54" (RT)
 D 0° 01' 32"
 R 225,000.00
 L 648.25
 T 324.12
 PC 85+76.76
 PT 92+25.00

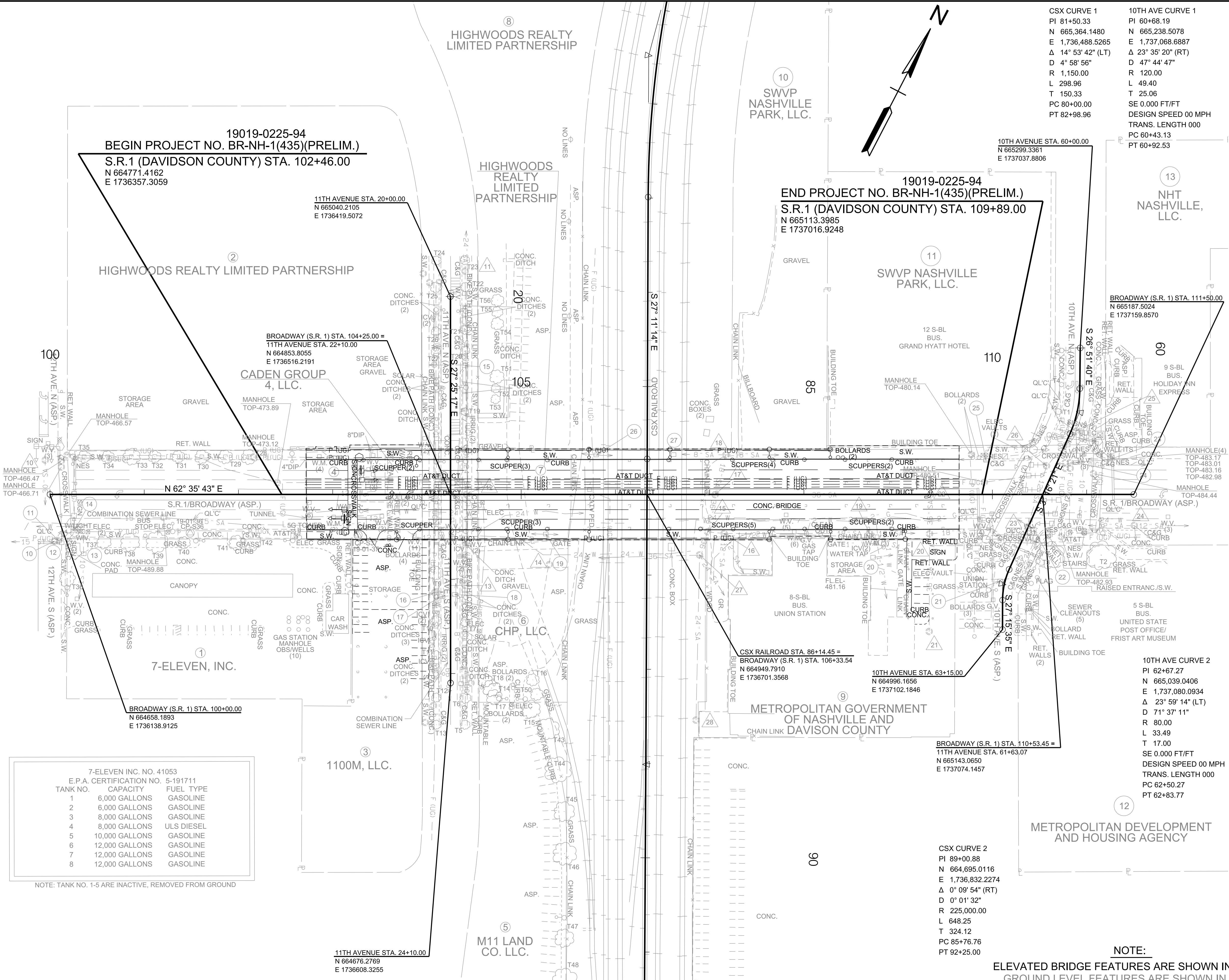
NOTE:
 GROUND LEVEL FEATURES ARE SHOWN IN BLACK
 ELEVATED BRIDGE FEATURES ARE SHOWN IN GREY

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONCPT.	2021	BR-NH-1(435)	4A

CSX CURVE 1
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 T 150.33
 PC 80+00.00
 PT 82+98.96

10TH AVE CURVE 1
 PI 60+68.19
 N 665,238.5078
 E 1,737,068.6887
 Δ 23° 35' 20" (RT)
 D 47° 44' 47"
 R 120.00
 L 49.40
 T 25.06
 SE 0.000 FT/FT
 DESIGN SPEED 00 MPH
 TRANS. LENGTH 000
 PC 60+43.13
 PT 60+92.53



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**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

**PRESENT
 LAYOUT**

**BRIDGE LEVEL
 SCALE: 1"=50'**

TANK NO.	CAPACITY	FUEL TYPE
1	6,000 GALLONS	GASOLINE
2	6,000 GALLONS	GASOLINE
3	8,000 GALLONS	GASOLINE
4	8,000 GALLONS	ULS DIESEL
5	10,000 GALLONS	GASOLINE
6	12,000 GALLONS	GASOLINE
7	12,000 GALLONS	GASOLINE
8	12,000 GALLONS	GASOLINE

NOTE: TANK NO. 1-5 ARE INACTIVE, REMOVED FROM GROUND

NOTE:
 ELEVATED BRIDGE FEATURES ARE SHOWN IN BLACK
 GROUND LEVEL FEATURES ARE SHOWN IN GREY

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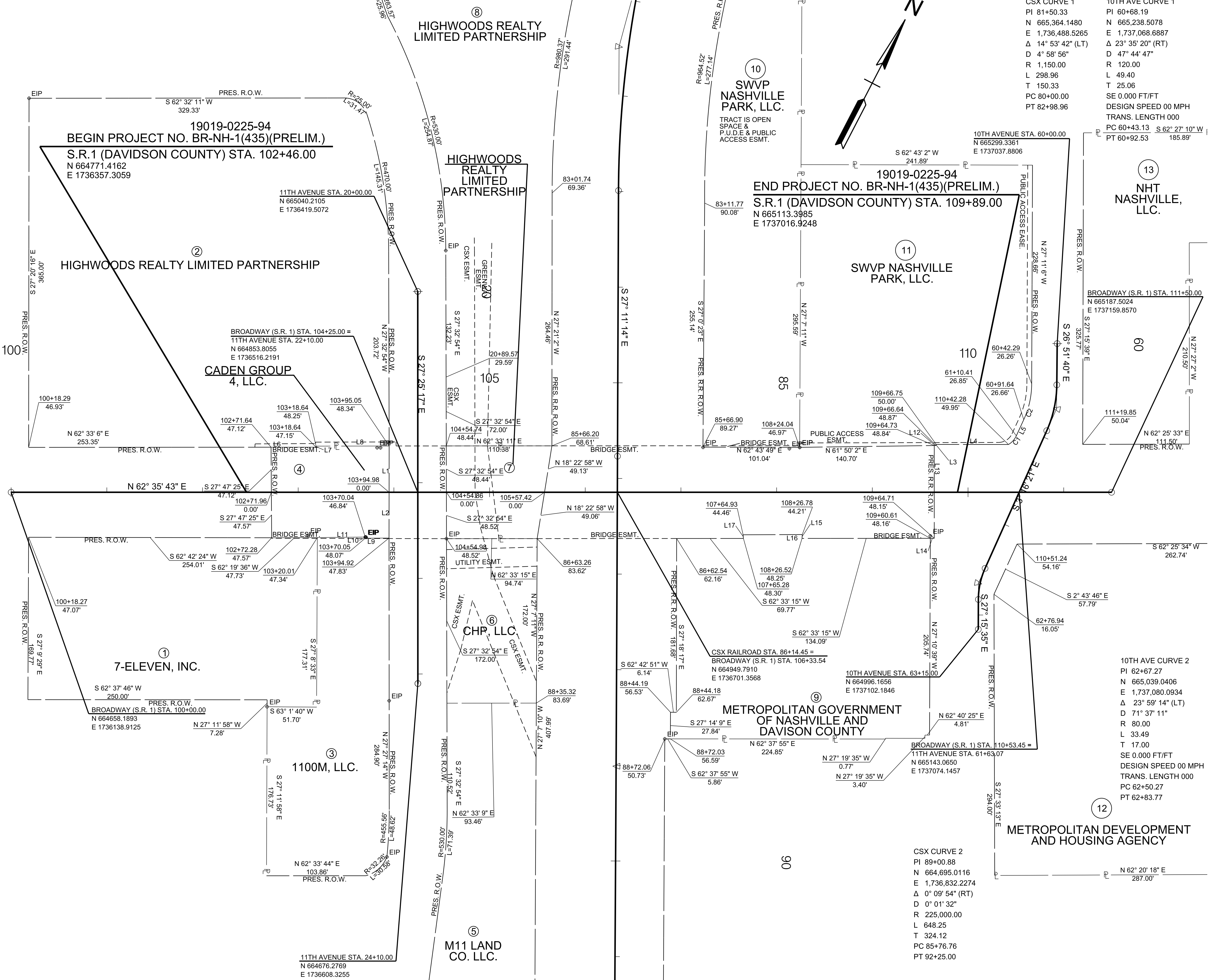
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONCPT.	2021	BR-NH-1(435)	4B

CSX CURVE 1
 PI 81+50.33
 N 665,364.1480
 E 1,736,488.5265
 Δ 14° 53' 42" (LT)
 D 4° 58' 56"
 R 1,150.00
 L 298.96
 T 150.33
 PC 80+00.00
 PT 82+98.96

10TH AVE CURVE 1
 PI 60+68.19
 N 665,238.5078
 E 1,737,068.6887
 Δ 23° 35' 20" (RT)
 D 47° 44' 47"
 R 120.00
 L 49.40
 T 25.06
 SE 0.000 FT/FT
 DESIGN SPEED 00 MPH
 TRANS. LENGTH 000
 PC 60+43.13
 PT 60+92.53

10TH AVE CURVE 2
 PI 62+67.27
 N 665,039.0406
 E 1,737,080.0934
 Δ 23° 59' 14" (LT)
 D 71° 37' 11"
 R 80.00
 L 33.49
 T 17.00
 SE 0.000 FT/FT
 DESIGN SPEED 00 MPH
 TRANS. LENGTH 000
 PC 62+50.27
 PT 62+83.77

CSX CURVE 2
 PI 89+00.88
 N 664,695.0116
 E 1,736,832.2274
 Δ 0° 09' 54" (RT)
 D 0° 01' 32"
 R 225,000.00
 L 648.25
 T 324.12
 PC 85+76.76
 PT 92+25.00



CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE

SEALED BY

COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID g2012bu7.

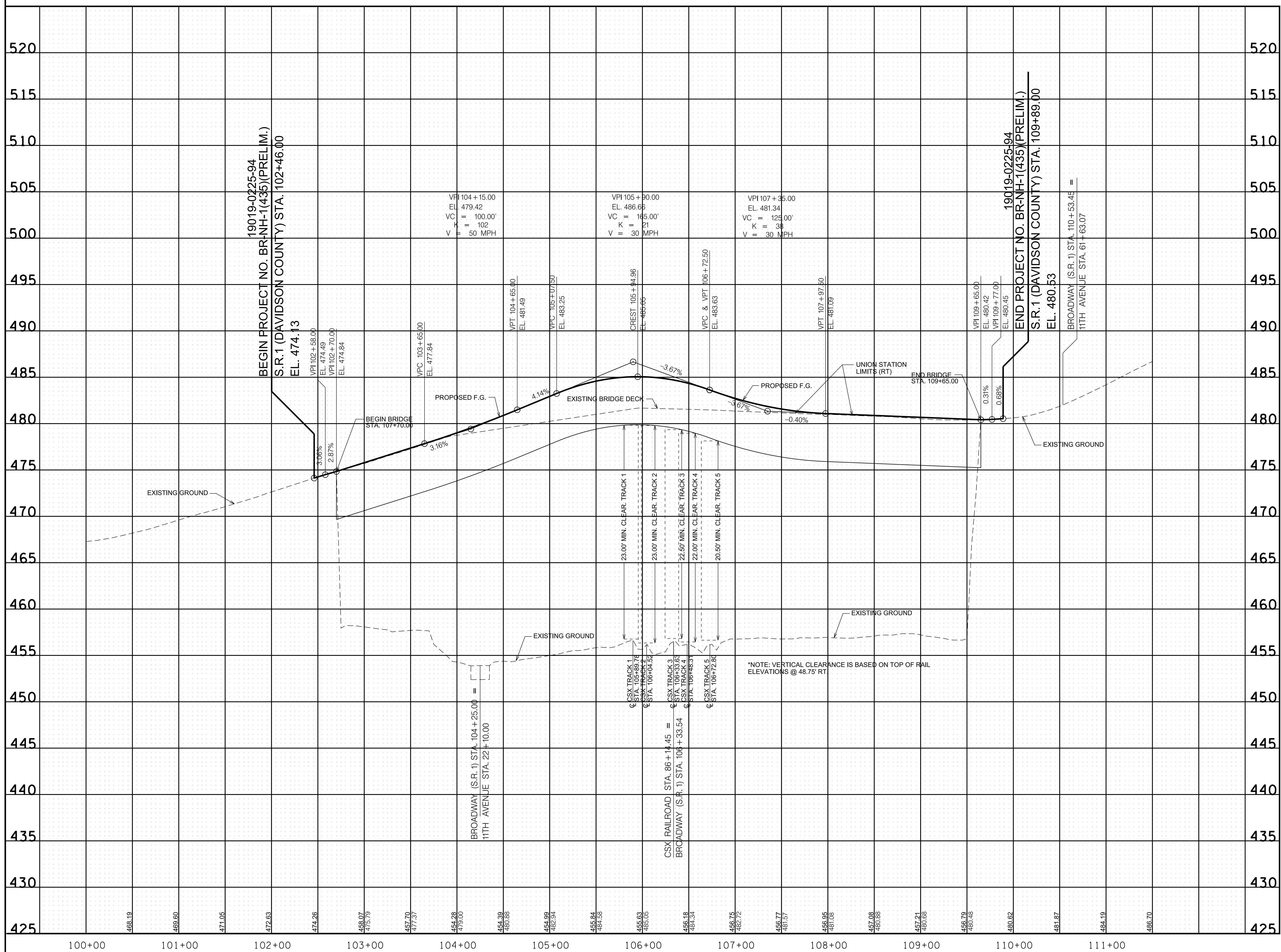
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY
DETAILS

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONCPT.	2021	BR-NH-1(435)	4D



CAUTION!
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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
PROFILE**

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

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