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THE ALPHABETICAL LETTERS "I", "O", AND "Q" ARE NOT USED IN NUMBERING OF SHEETS

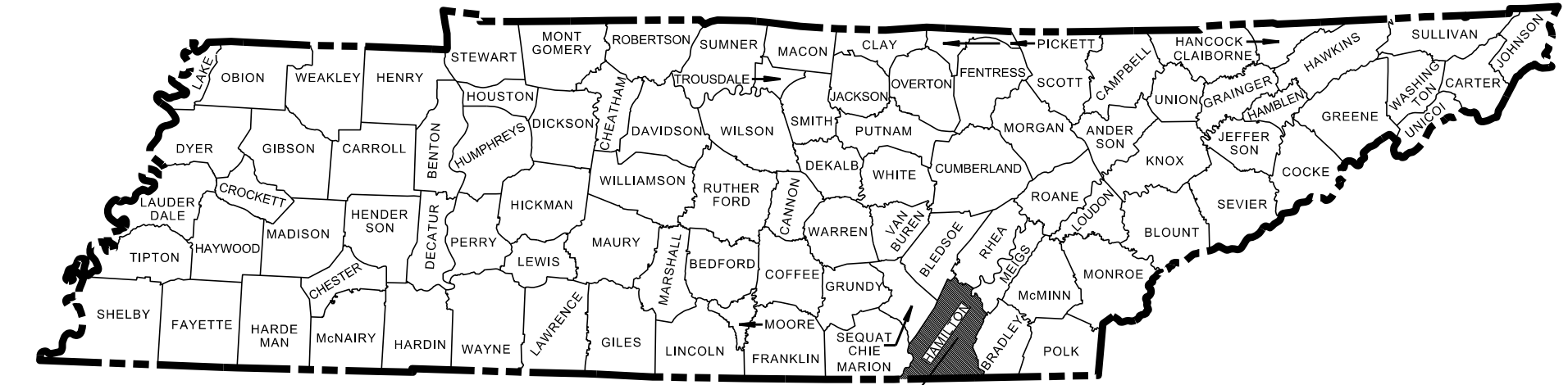
# STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

## HAMILTON COUNTY

INTERSTATE 24 BRIDGE OVER  
 SOUTH GERMANTOWN ROAD  
 AND  
 BELVOIR AVENUE BRIDGE OVER  
 INTERSTATE 24  
 PRELIMINARY

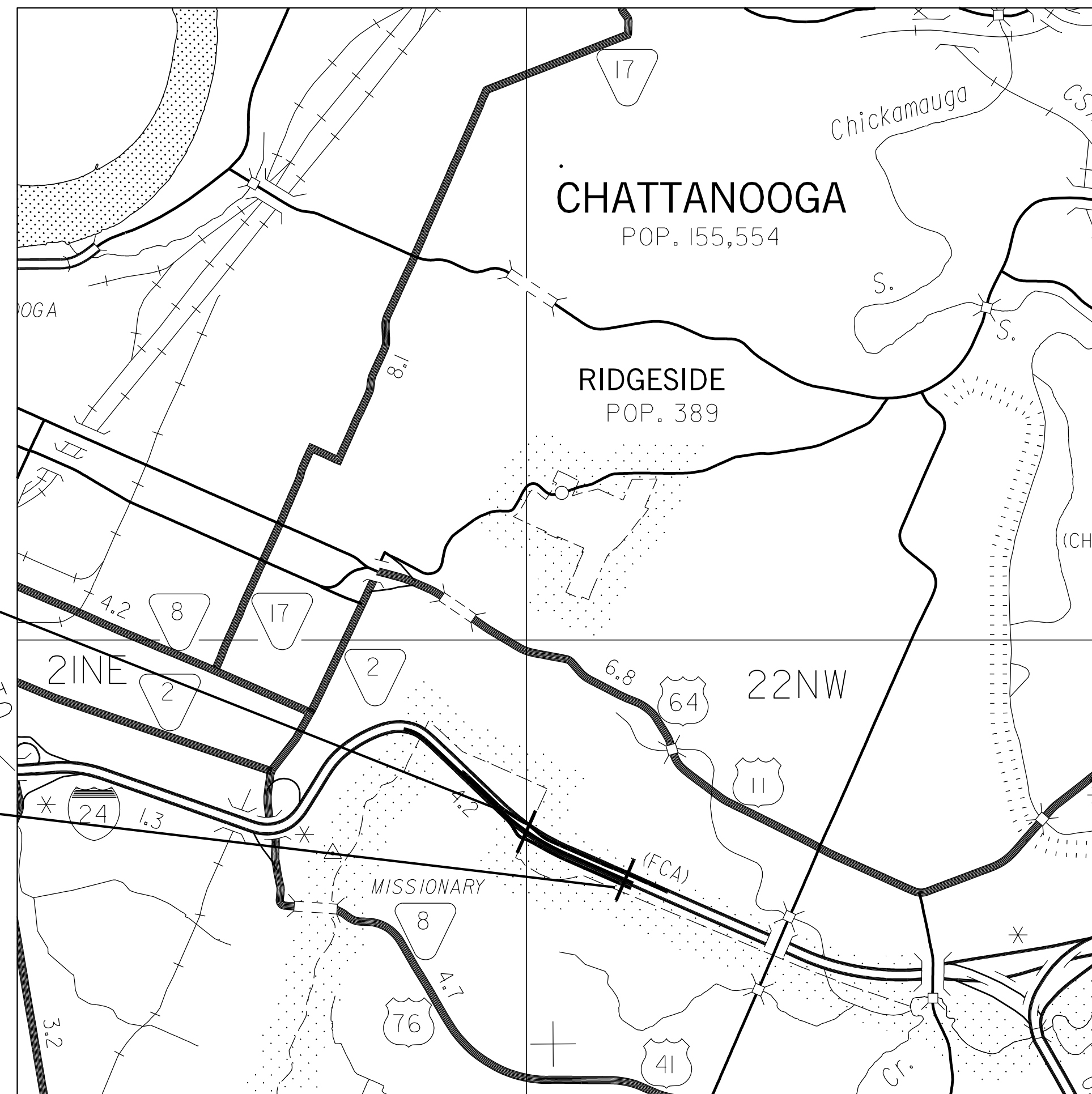
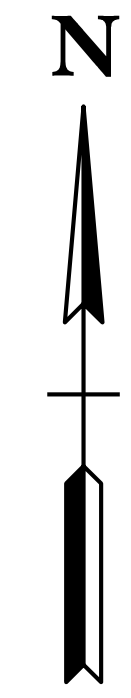
STATE HIGHWAY NO. N/A F.A.H.S. NO. I-24

TENN.	YEAR	SHEET NO.
	2018	1
FED. AID PROJ. NO.	BR-I-24-3(97)	
STATE PROJ. NO.	33003-0166-44	



PROJECT LOCATION  
 BRIDGE ID. # 33100240055  
 33100240057

NO EXCLUSIONS  
 NO EQUATIONS



BEGIN PROJECT NO. -1 - PRELIMINARY

I-24 STA. + .  
 N . E .

END PROJECT NO. -1 - PRELIMINARY

I-24 STA. + .  
 N . E .

### 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, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT C.E. MANAGER 1 OR  
 TDOT TRANSPORTATION MANAGER 1 : LIA OBAID, P.E.

DESIGNED BY : BARGE DESIGN SOLUTIONS, INC.

DESIGNER : PATRICK LEAP, PE CPESC CHECKED BY JONATHAN HAYCRAFT, PE, ENV SP

P.E. NO. (NEPA)

PIN NO. 124069.00

SCALE: 1" = 1/2 MILE

BELVOIR AVE TRAFFIC DATA	
ADT (2022)	9,300
ADT (2042)	10,320
DHV (2042)	1,125
D	70 - 30
T (ADT)	3 %
T (DHV)	2 %
V	30 MPH

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

DATE:

APPROVED: *John Schroer*  
 JOHN SCHROER, COMMISSIONER

SURVEY 01-18-18	I-24 TRAFFIC DATA
	ADT (2022) 114,670
	ADT (2042) 142,650
	DHV (2042) 12,830
	D 65 - 35
	T (ADT) 23 %
	T (DHV) 15 %
	V 55 MPH

STATE PLANE COORDINATES ARE BASED ON GPS MEASUREMENTS OBTAINED 12-18-17 USING GEOID 12B MODEL AND DATUM ADJUSTMENT FACTOR OF 0.99998

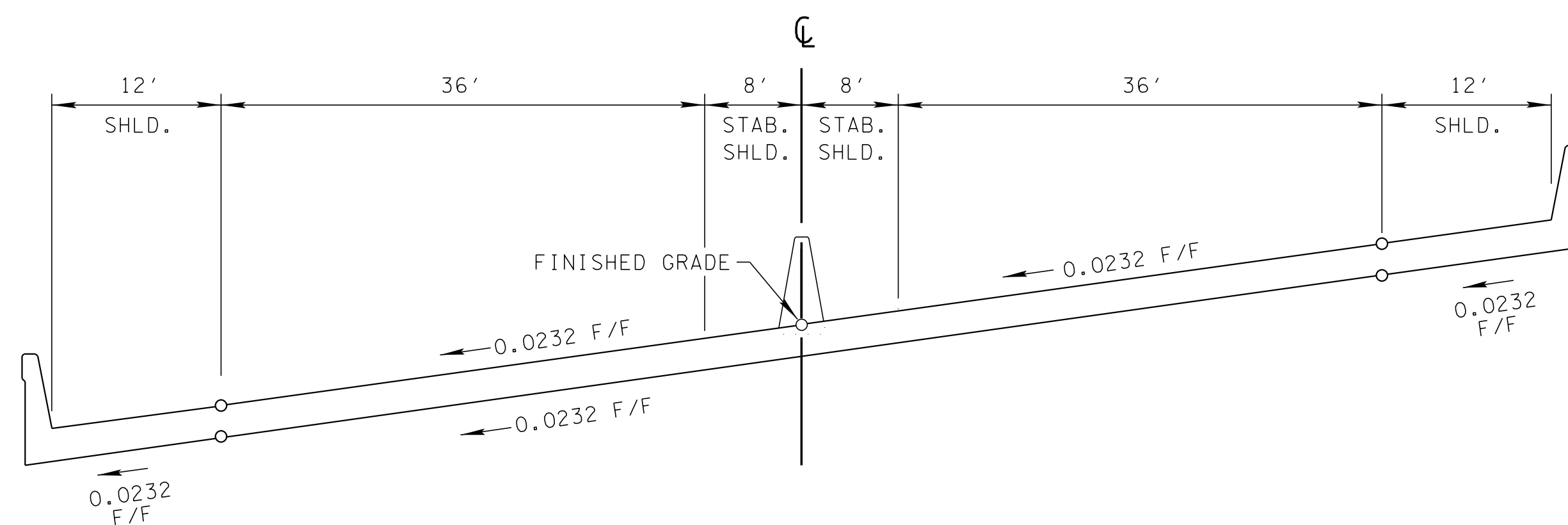
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**PRELIMINARY  
 PLANS**

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED:  
 DIVISION ADMINISTRATOR DATE

9/12/2018 F:\366\36730\3673000104\_CAD\TRANS\001 (.5 mile scale)\_PRELIM.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	2B



**INTERSTATE 24**  
 BRIDGE SUPERELEVATED SECTION  
 STA 138+28.37 TO STA 139+94.37

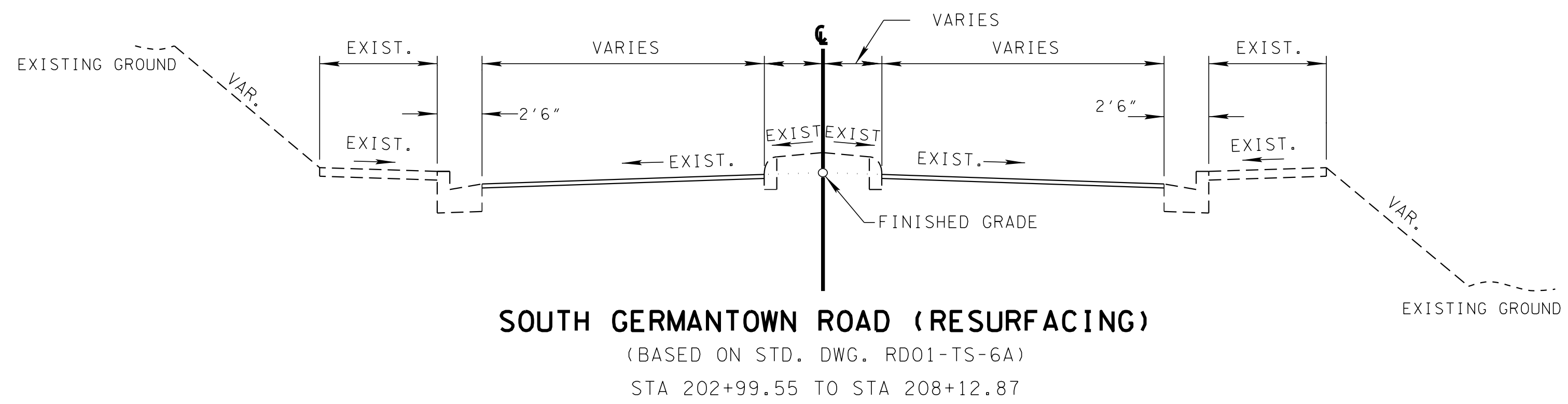
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STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

TYPICAL  
 SECTIONS

INTERSTATE 24  
 SHEET 1 OF 4

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	281



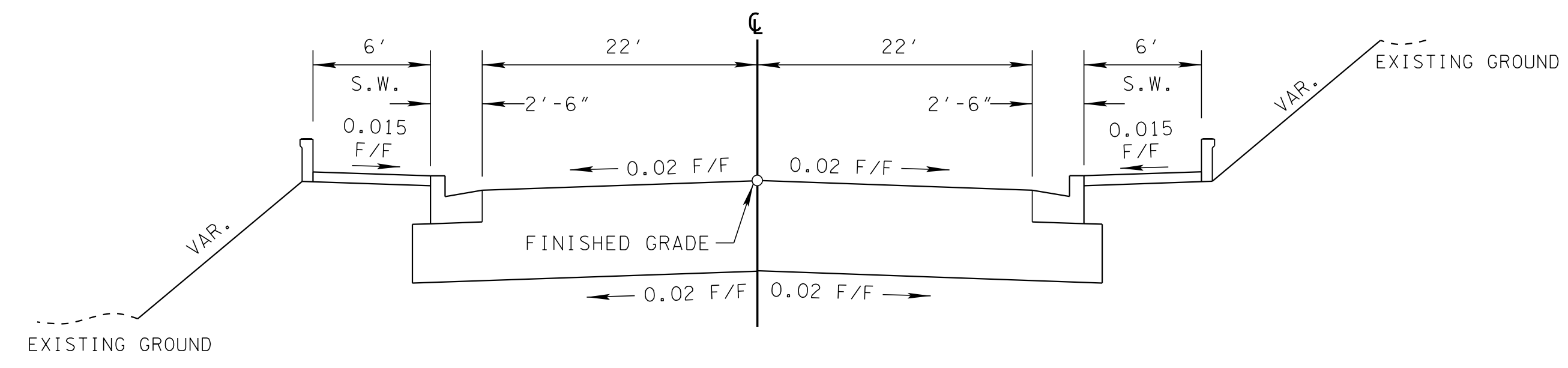
9/12/2018  
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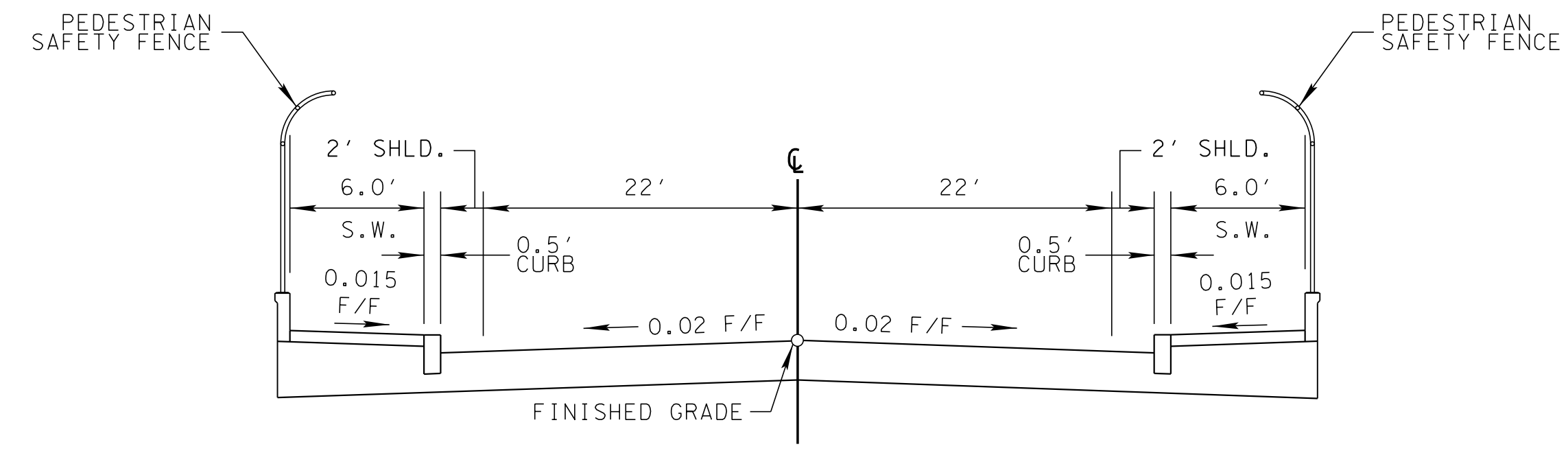
STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

TYPICAL  
 SECTIONS  
 SOUTH GERMANTOWN ROAD  
 SHEET 2 OF 4

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	282



**BELVOIR AVENUE**  
 (BASED ON STD. DWG. RD01-TS-6A)  
 STA 304+25.21 TO STA 304+77.69  
 STA 306+29.69 TO STA 306+71.32



**BELVOIR AVENUE**  
 BRIDGE TYPICAL SECTION  
 STA 304+77.69 TO STA 306+29.69

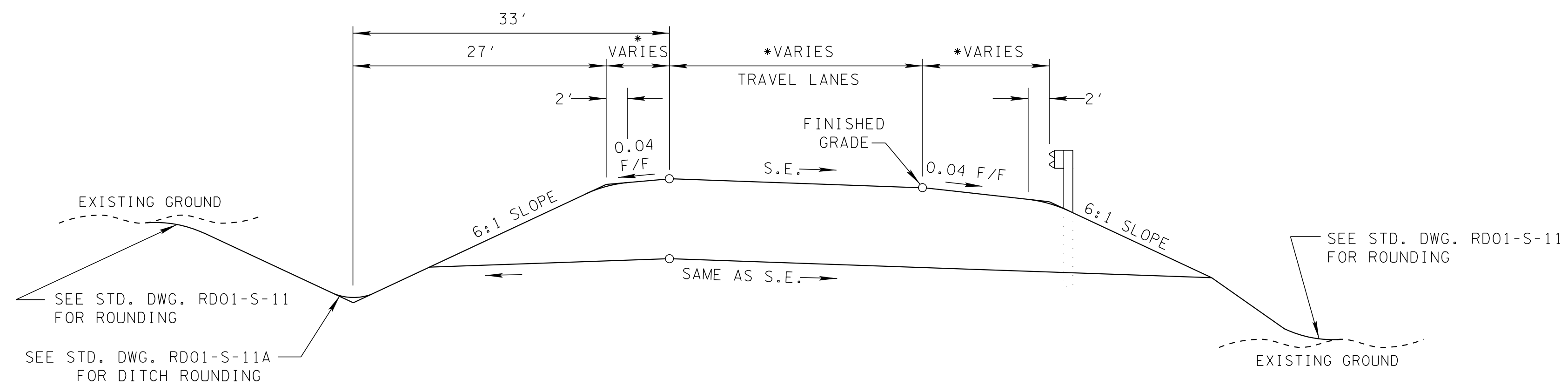
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 DEPARTMENT OF  
 TRANSPORTATION

TYPICAL  
 SECTIONS  
 BELVOIR AVENUE  
 SHEET 3 OF 4



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	283



**TANGENT SECTION RAMP "A"**

(BASED ON STD. DWG. RD01-TS-4)

STA 500+00.00 TO STA 508+45.11

* STATION RANGE	GORE	SHLD. (LT)	TRAVEL LANE 1	TRAVEL LANE 2	SHLD. (RT)
STA 500+00.00 TO STA 504+40.43	0'-30'	N/A	16'	0'	8'
STA 504+40.43 TO STA 505+23.00	N/A	6'	16'	0'	8'
STA 505+23.00 TO STA 506+73.00	N/A	6'	16'-12'	0'-12'	8'-12'
STA 506+73.00 TO STA 508+45.11	N/A	6'	12'	12'	12'

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DEPARTMENT OF  
TRANSPORTATION

TYPICAL  
SECTIONS

RAMP "A"  
SHEET 4 OF 4

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	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, PROJECT DEVELOPMENT DIVISION AND THE CIVIL ENGINEERING MANAGER1, REGIONAL PROJECT DEVELOPMENT ARE 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) 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.
- (5) 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.
- (6) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- (7) 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.
- (8) 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.
- (9) ON PROJECTS WITHOUT CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT AND TO CONSTRUCT ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.
- (10) 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.
- (11) 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.
- (12) 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.

**UTILITIES**

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. 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.

**UTILITY OWNERS**

**CABLE:**

**COMCAST**

537 Market Street  
 Chattanooga, TN 37402  
 CONTACT: Tom Bailey  
 OFFICE PHONE: 423 855 3900  
 Email:

**GAS:**

**CHATTANOOGA GAS COMPANY**

6125 Preservation Drive  
 Chattanooga, TN 37416  
 CONTACT: Jana Papa  
 OFFICE PHONE: 423 490 4315  
 Email:

**WATER:**

**TN AMERICAN WATER**

1500 Riverside Drive  
 Chattanooga, TN 37406  
 CONTACT: Grady Stout  
 OFFICE PHONE: 423 771 4713  
 Email:

**ELECTRIC:**

**E.P.B.**

10 West M. L. King Boulevard  
 Chattanooga, TN 37402  
 CONTACT: Melvin Baumgarner  
 OFFICE PHONE: 423 648 3524  
 Email:

**TELEPHONE:**

**A.T.&T. SOUTHEAST**

611 Chestnut Street  
 Chattanooga, TN 37450  
 CONTACT: Tim Manly  
 OFFICE PHONE: 423 752 9181  
 Email:

**SEWER:**

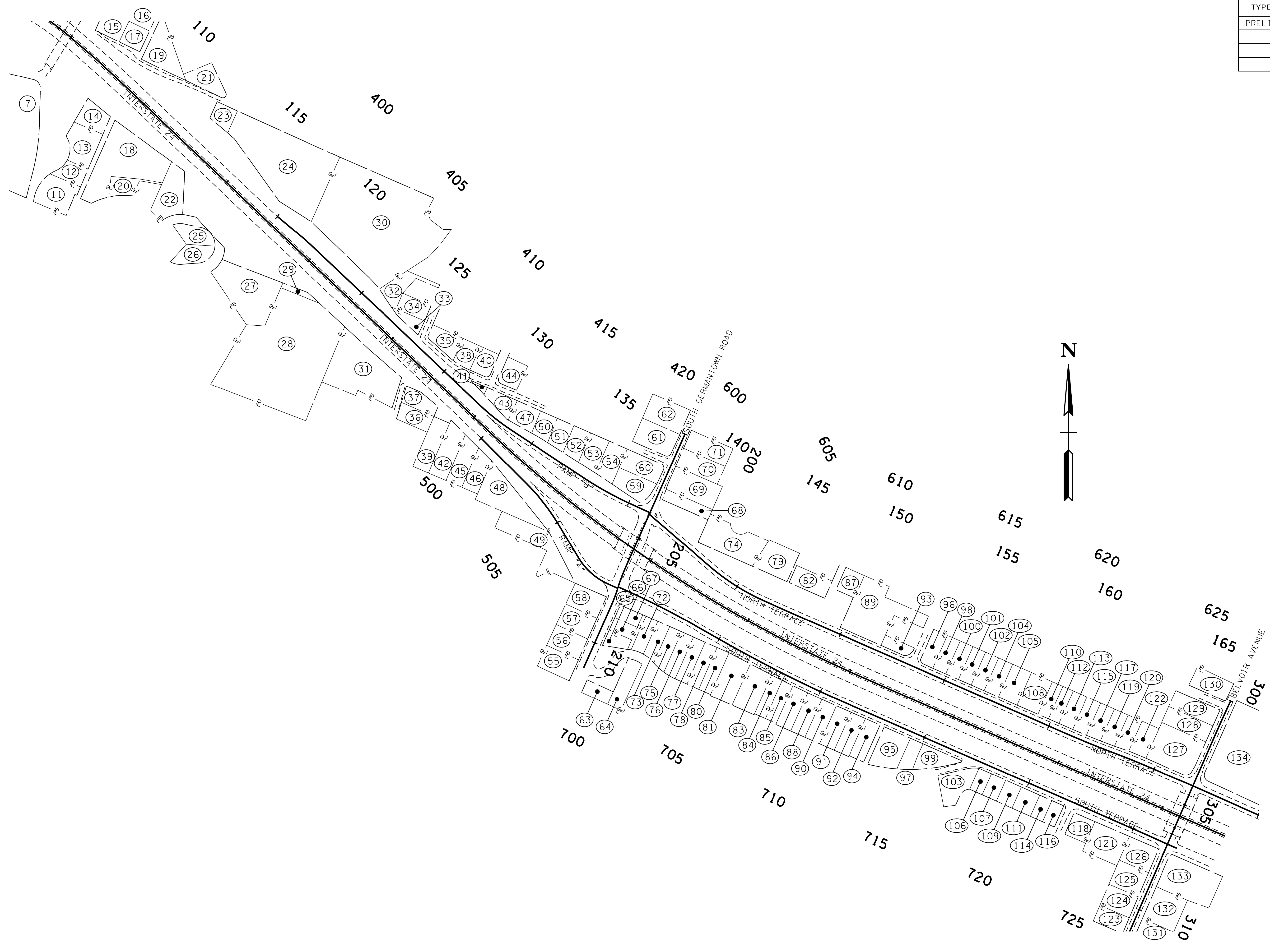
**HAMILTON COUNTY WWTA**

1250 Market Street, Suite 3050  
 Chattanooga TN 37402  
 CONTACT:  
 OFFICE PHONE: 423 209 7842  
 Email:

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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.
PRELIM	2018	33003-0166-44	3A



9/12/2018  
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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.

STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

PROPERTY  
 MAP

SCALE: 1"=200'



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	3B

**R.O.W. ACQUISITION TABLE**

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA (ACRES)			AREA TO BE ACQUIRED (ACRES)			AREA REMAINING (ACRES)		EASEMENT (ACRES)			
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERMANENT	SLOPE	CONSTRUCTION	AIR RIGHTS
				BOOK	PAGE												
7	CITY OF CHATTANOOGA	156E/B	00101	1669	0573		2.527	2.527				2.527					
11	TIMOTHY A. GRAVES AND ROBIN M. GRAVES	156E/D	03800	4747	0605		0.511	0.511				0.511					
12	R. M. MYERS	156E/D	03900	8006	0527		0.229	0.229				0.229					
13	PAUL H. AULT, JR.	156E/D	04000	8263	0784		0.477	0.477				0.477					
14	JOHN P. HOOVER, JR.	156E/D	04100	3021	0136		0.307	0.307				0.307					
15	COURTNEY ERWIN	156E/E	02100	9870	0548	0.270		0.270			0.270						
16	DONALD RAY HOLLAND, JR.	156E/E	00700	10508	0678	0.508		0.508			0.508						
17	SHARON NORMAN	156E/E	02000	6914	0498	0.230		0.230			0.230						
18	CANTHUS PROPERTY GROUP, LLC	156E/D	03600	11161	0519		1.504	1.504				1.504					
19	SARAH BAEHR	156E/E	01900	9810	0123	0.544		0.544			0.544						
20	THOMAS R. YARMAN AND VERA M. YARMAN	156E/D	03501	4686	0436		0.229	0.229				0.229					
21	CATHERINE FULKS	156E/E	01800	9757	0105	0.334		0.334			0.334						
22	BRITTANY DANIELLE DAVIDSON	156E/D	03000	10471	0767		0.547	0.547				0.547					
23	RUSSELL R. HARMAN AND KATHRYN F. HERMAN	156E/L	00100	3380	0344	0.208		0.208			0.208						
24	UNITARIAN UNIVERSALIST CHURCH OF CHATTANOOGA	156E/L	00200	7820	0506	2.565		2.565			2.565						
25	MICHAEL A. BARHAM	156E/D	02900	4084	00541		0.274	0.274				0.274					
26	FRANK THOMAS AND SHARON THOMAS	156E/D	02700	7626	0195		0.274	0.274				0.274					
27	SHIRLEY R. STEPHENSON	156E/D	02500	2352	0972		1.160	1.160				1.160					
28	SUSAN CAROLINE LEACH AND GIBSON STROUPE AND STEVEN	156E/D	00500	5805	0726		4.382	4.382				4.382					
29	ROGER HENRY COE AND JO ANN COE	156E/D	02600	10493	0341		3580 S.F.	3580 S.F.				3580 S.F.					
30	UNITARIAN UNIVERSALIST CHURCH OF CHATTANOOGA	156E/L	00500	1749	0210	4.490		4.490			4.490						
31	J. BRUCE JACKSON	156E/D	00100	3315	0175		1.436	1.436				1.436					
32	THE PROPE GROUP, LLC	156E/L	00703	10935	0063	0.319		0.319			0.319						
33	TIMOTHY J. LINDSEY	156E/L	00800	4441	0874	0.138		0.138			0.138						
34	TENNESSEE HOUSING DEVELOPMENT AGENCY	156E/L	00704	11138	0745	0.235		0.235			0.235						
35	FIRN B. BURROWS AND MARCUS LE BURROWS AND MARLE T	156E/L	00900	7460	0243	0.279		0.279			0.279						
36	C & R VENTURES, LLC AND VICKIE SCHROYER	156L/F	02000	7394	0155		0.260	0.260				0.260					
37	HOYAL W. KNIGHT, JR.	156L/F	02100	4042	0231		0.244	0.244				0.244					
38	JOHN S. MCYANNNN AND KATHERINE G. MAYCANN	156E/L	03700	2198	0328	0.218		0.218			0.218						
39	LOUIS ALLEN BUQUO AND SHARON L. BUQUO	156L/F	01700	3118	0712		0.409	0.409				0.409					
40	BUCKEYE PROPERTIES, INC	156E/L	03600	7894	0052	0.231		0.231			0.231						
41	BUCKEYE PROPERTIES, INC	157H/E	00901	8984	0587	1321 S.F.		1321 S.F.			1321 S.F.						
42	JAMES L. KUMBAR, JR.	156L/F	01600	10423	0986		0.454	0.454				0.454					
43	ERNEST D. BROOKS AND EMMA C. BROOKS AND LOUIS A. BU	157H/E	00900	9722	0017	0.214		0.214			0.214						
44	HOME LIQUIDATORS, LLC	156E/L	02700	11029	0951	0.255		0.255			0.255						
45	MICHAEL KEVIN THEDFORD	156L/F	01501	8322	0509		0.357	0.357				0.357					
46	M. KEVIN THEDFORD	156L/F	01500	9024	0419		0.299	0.299				0.299					
47	ROBERTO AMERICO VICENTE VICENTE AND MARTA LIDIA VICE	157H/E	01000	10204	0542	0.262		0.262			0.262						
48	REBECCA E. ROBINSON	156L/F	01400	7989	0532		0.750	0.750				0.750					
49	REBECCA E. ROBINSON	156L/F	01000	8621	0025		0.747	0.747				0.747					
50	CHARLES R. GOODNER	157H/E	01100	8849	0895	0.203		0.203			0.203						
51	CHARLES R. GOODNER	157H/E	01200	8384	0413	0.220		0.220			0.220						
52	RUTH J. KITTLE AND LARRY D. KITTLE	157H/E	01300	8220	0650	0.243		0.243			0.243						
53	STATELINE PROPERTIES, LLC	157H/E	01400	9829	0469	0.295		0.295			0.295						
54	JOHN HODGES	157H/E	01500	11154	0059	0.321		0.321			0.321						
55	DAVID M. THOMAS AND JENNY M. THOMAS	156L/F	00400	11010	0532		0.353	0.353				0.353					
56	BRYON ROGERS AND MEREDITH QUINLAN	156L/F	00300	8748	0994		0.350	0.350				0.350					
57	PAUL J. MOORE AND REBECCA S. MOORE	156L/F	00200	8778	0045		0.347	0.347				0.347					
58	FRANK R. TATUM	156L/F	00100	8644	0134		0.348	0.348				0.348					
59	PAMELA W. BOOKOUT	157H/E	00800	4731	0568	0.367		0.367			0.367						
60	JUDITH M. ROGERS AND LAURA ANNE W. PIERCE	157H/E	00700	5048	0332	0.369		0.369			0.369						
61	BERG REAL ESTATE HOLDINGS, LLC	157H/E	00600	10853	0402	0.452		0.452			0.452						
62	HARRIETT H. MABRY	157H/E	00500	4358	0917	0.475		0.475			0.475						
63	RICHARD WILSON AND LYNN WILSON	157M	00700	3091	0258		0.174	0.174				0.174					
64	RICHARD C. WILSON AND LYNN WILSON	157M	00800	7389	0253		0.341	0.341				0.341					
65	ALLSTAR INVESTMENT GROUP, INC.	157L	02300	7399	0199		0.149	0.149				0.149					
66	ALLSTAR INVESTMENT GROUP, INC.	157L	02200	7399	0199		0.149	0.149				0.149					
67	ALLSTAR INVESTMENT GROUP, INC.	157L	02100	7399	0199		0.149	0.149				0.149					
68	UNITED CHATTANOOGA, LLC	157A	00100	8372	0897	0.247		0.247			0.247						
69	UNITED CHATTANOOGA, LLC	157A	00200	8372	0897	0.567		0.567			0.567						
70	HOMER L. GREEN AND KATHY R. GREEN	157A	00300	2932	0388	0.395		0.395			0.395						
71	LESLIE B. MCWILLIAMS AND ALVA L. MCWILLIAMS, JR.	157A	00400	5299	0511	0.395		0.395			0.395						
72	VIRGINIA C. WADDEY AND JAMES D. PERKINS	157L	02000	5985	0299		0.207	0.207				0.207					
73	EARL RUSSELL HILL, SR. AND NINA B. HILL	157L	01900	2365	0919		0.215	0.215				0.215					
74	ELLIS PERLBERG	157A	01700	7721	0051	0.783		0.783			0.783						
75	RICHARD REDDEN AND DIANE REDDEN	157L	01800	6987	0799		0.242	0.242				0.242					
76	N. DARRELL BRIDGES AND JOHN M. MCDONALD	157L	01700	7996	0794		0.258	0.258				0.258					
77	MARION D. LINGERFELT AND WANDA J. LINGERFELT	157L	01600	1596	0615		0.262	0.262				0.262					
78	FRED DEWAYNE MERCIERS, III	157L	01500	3177	0327		0.262	0.262				0.262					
79	MARY L. PARISH AND BENJAMIN J. PETERSON	157A	01800	10233	0313	0.489		0.489			0.489						
80	JOSEPH A. HODGE AND GARY V. HODGE	157L	01400	2333	0646		0.262	0.262				0.262					
81	GREG A. LAURENT AND M. ELIZABETH LAURENT	157L	01300	3840	0594		0.486	0.486				0.486					
82	KATHERYN JANE KELLY AND WILLIAM D. KELLY	157A	03300	9962	0728	0.320		0.320			0.320						
83	VICTOR C. TYLER, SR. AND ELFREDA B. TYLER	157L	01200	10849	0607		0.469	0.469				0.469					
84	RACHEL L. BRANTLEY	157L	01100	10387	0825		0.223	0.223				0.223					
85	JOY ESPY ROBBINS AND MICHAEL ROBBINS	157L	01000	3711	0003		0.220	0.220				0.220					
86	HECTOR M. CORTEZ AND RACHEL D. CORTEZ	157L	00900	9862	0458		0.305	0.305				0.305					
87	AUTHUR COLLINS	157C	00100	9427	0840	0.222		0.222			0.222						
88	LINDA JOY CASE	157L	00800	4873	0369		0.286	0.286				0.286					
89	NORTH TERRACE CHURCH OF CHRIST	157C	00101	2434	0282	1.219		1.219			1.219						
90	SHELBY P. ROGERS, JR. AND MARY LEE ROGERS	157L	00700	5683	0037		0.294	0.294				0.294					
<b>ACQUISITION TOTALS (ACRES)</b>																	

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**STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION**

**R.O.W.  
ACQUISITION  
TABLE**



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	3C

**R.O.W. ACQUISITION TABLE**

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA (ACRES)			AREA TO BE ACQUIRED (ACRES)			AREA REMAINING (ACRES)		EASEMENT (ACRES)			
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERMANENT	SLOPE	CONSTRUCTION	AIR RIGHTS
				BOOK	PAGE												
91	TONY L. DOBBINS AND ELIZABETH DOBBINS	157/L	00600	6090	0069		0.293	0.293				0.293					
92	DAVID W. STEWART AND SARAH E. STEWART	157/L	00500	10489	0989		0.294	0.294				0.294					
93	MARGARET ANN TIMMONS	157/C	01000	4080	0287	0.149		0.149			0.149						
94	MARCUS L. CORE, JR.	157/L	00400	8706	0448		0.286	0.286				0.286					
95	JEFFREY L. SANDERS	157/L	00300	4474	0362		0.476	0.476				0.476					
96	JOSHUE P. ROSS AND J. NICOLE-VELLA ESKEW	157/G	02500	8082	0378	0.235		0.235			0.235						
97	CHETAN K. PATEL	157/L	00200	9812	0112		0.190	0.190				0.190					
98	WILLIAM A. JOHNSON AND VIRGINIA M. JOHNSON	157/G	02401	6582	0234	0.222		0.222			0.222						
99	MARY BROWN WISNIEWSKI	157/L	00100	4230	0449		0.299	0.299				0.299					
100	WILLIAM A. JOHNSON AND VIRGINIA M. JOHNSON	157/G	02400	6582	0234	0.221		0.221			0.221						
101	WILLIAM A. JOHNSON AND VIRGINIA M. JOHNSON	157/G	02300	6582	0234	0.218		0.218			0.218						
102	NELSON EDDIE HAKES	157/G	02200	2742	0132	0.224		0.224			0.224						
103	THOMAS V. CANNON, SR.	157/M	03600	7858	0751		0.412	0.412				0.412					
104	DOUGLAS PARIS	157/G	02100	10051	0386	0.247		0.247			0.247						
105	CHARLES L. ADAMS AND THERESE A. ADAMS	157/G	02000	5574	0311	0.324		0.324			0.324						
106	THOMAS V. CANNON, SR.	157/M	03700	7868	0751		0.139	0.139				0.139					
107	THOMAS V. CANNON, SR.	157/M	03800	7868	0751		0.158	0.158				0.158					
108	MAX R. ORTEGA, JR.	157/G	01900	7617	0799	0.360		0.360			0.360						
109	QUINTON LINDSAY	157/M	03900	11092	0154		0.177	0.177				0.177					
110	JOHN M. MCDONALD	157/G	01800	11063	0087	0.180		0.180			0.180						
111	CODY GREGORY AND ELIZABETH GREGORY	157/M	04000	10567	0333		0.205	0.205				0.205					
112	R. LAWRENCE SMITH, III	157/G	01700	4323	0657	0.179		0.179			0.179						
113	R. F. SMITH AND R. LAWRENCE SMITH	157/G	01601	4175	0979	0.237		0.237			0.237						
114	JAMES MICHAEL GRADY	157/M	04100	9126	0493		0.135	0.135				0.135					
115	TIMOTHY R. SISK AND DONNA K. SISK	157/G	01600	6282	0884	0.236		0.236			0.236						
116	BRENT E. HOLSTON	157/M	04200	8172	0458		0.132	0.132				0.132					
117	GEORGE TODD BROCK	157/G	01500	8783	0103	0.234		0.234			0.234						
118	DAVID BRIAN ALLEY	157/L	00900	9109	0636		0.237	0.237				0.237					
119	ANTONIO A. RODRIGUEZ AND RHONDA L. RODRIGUEZ	157/G	01401	3880	0205	0.229		0.229			0.229						
120	JOHN B. TILSTRA AND LISA TILSTRA	157/G	01400	10614	0880	0.222		0.222			0.222						
121	MICHAEL K. MORRISON	157/L	01000	6188	00001		0.530	0.530				0.530					
122	YOLANDA (TARAVILLO) MARTIN	157/G	01300	7634	0899	0.268		0.268			0.268						
123	BARRY M. PUTNAM	157/L	00300	9593	0349		0.241	0.241				0.241					
124	RICHARD S. STAHL AND ROBERT A. STAHL AND PAUL STAHL	157/L	00200	10198	0413		0.321	0.321				0.321					
125	JOHN J. BAKER, III AND RAMONA H. BAKER	157/L	00100	8016	0500		0.370	0.370				0.370					
126	ROBERT L. LOCKHART AND JANIE H. LOCKHART	157/L	01100	4729	0465		0.366	0.366				0.366					
127	KATHY LEWIS	157/G	01200	7220	0621	0.829		0.829			0.829						
128	TINA H. HENNEN	157/G	01100	4335	0900	0.373		0.373			0.373						
129	ETHAN ROGERS AND SARA ROGERS	157/G	01000	10937	0878	0.373		0.373			0.373						
130	ERIC S. DAVIS AND ERICA N. DAVIS	157/F	01800	10805	0482	0.351		0.351			0.351						
131	ELLIS YARRELL, JR. AND LAURA YARRELL	157/M	00100	10617	0384		0.262	0.262				0.262					
132	KEITH J. REISMAN	157/M	00200	8395	0080		0.523	0.523				0.523					
133	TENNESSEE ASSOCIATION OF CHRISTIAN SCHOOLS	157/M	00300	7851	0108		0.890	0.890				0.890					
134	BRAINERD BAPTIST CHURCH	157/K	01800	1590	0327	5.216		5.216			5.216						
<b>ACQUISITION TOTALS (ACRES)</b>																	

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DEPARTMENT OF  
TRANSPORTATION

R.O.W.  
ACQUISITION  
TABLE  
SHEET 2 OF 2

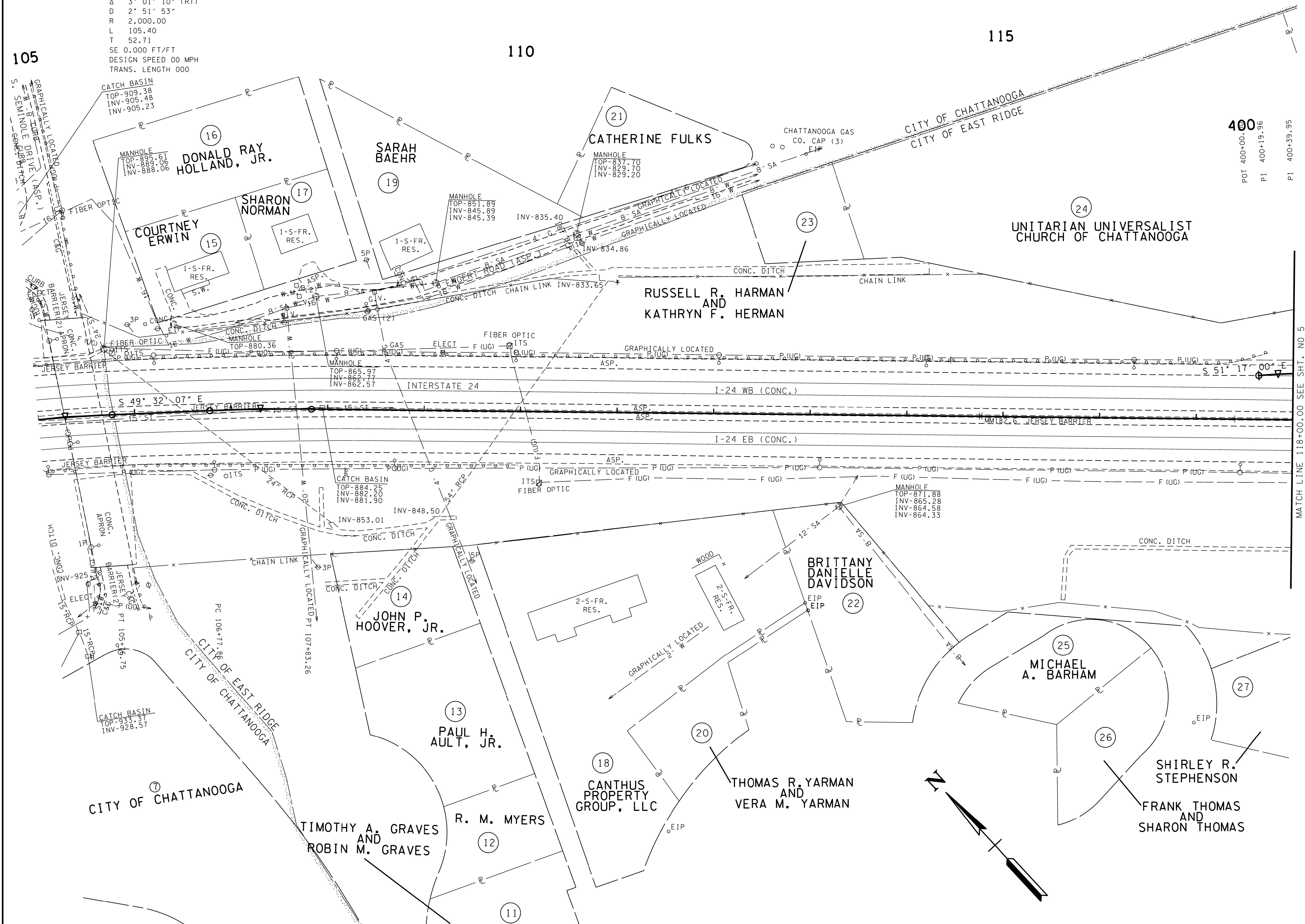
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	4

CURVE C106  
 PI 107+30.57  
 N 250,872.5366  
 E 2,190,151.8066  
 Δ 3' 01' 10" (RT)  
 D 2' 51' 53"  
 R 2,000.00  
 L 105.40  
 T 52.71  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000

105

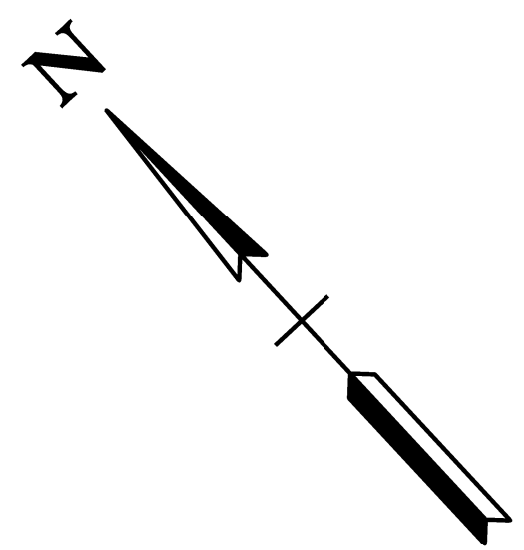
110

115



400  
 POT 400+00.00  
 PI 400+19.96  
 PI 400+39.95

MATCH LINE 118+00.00 SEE SHT. NO 5



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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.

STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

PRESENT  
 LAYOUT

STA. 105+00 TO STA. 118+00

SCALE: 1"= 50'

9/12/2018  
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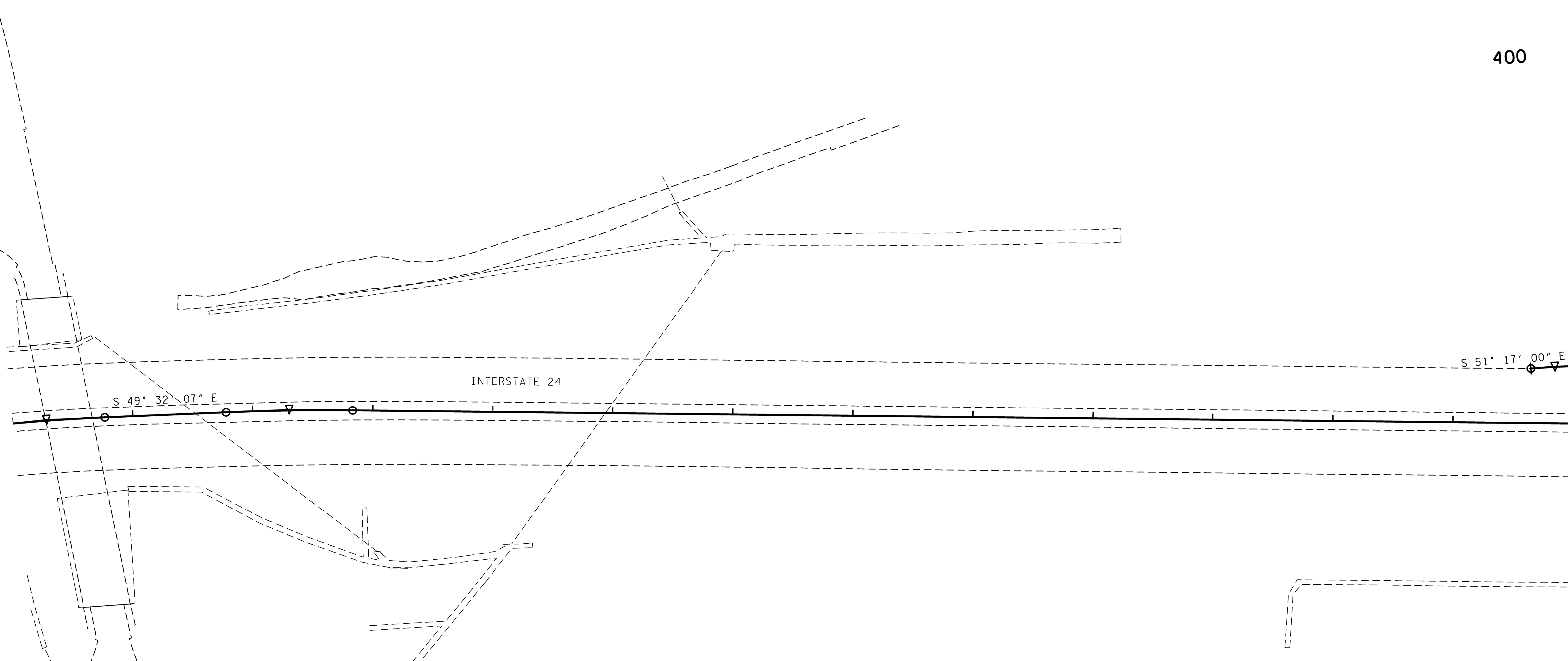
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	4A

105

110

115

400



S 49° 32' 07" E

INTERSTATE 24

S 51° 17' 00" E

MATCH LINE 118+00.00 SEE SHT. NO 5A

9/12/2018 F:\36\36730\3673000104\_CAD\TRNS\004A.sht

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COORDINATES ARE NAD/83(1995),  
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THE TGRN. ALL ELEVATIONS ARE  
REFERENCED TO THE NAVD 1988.

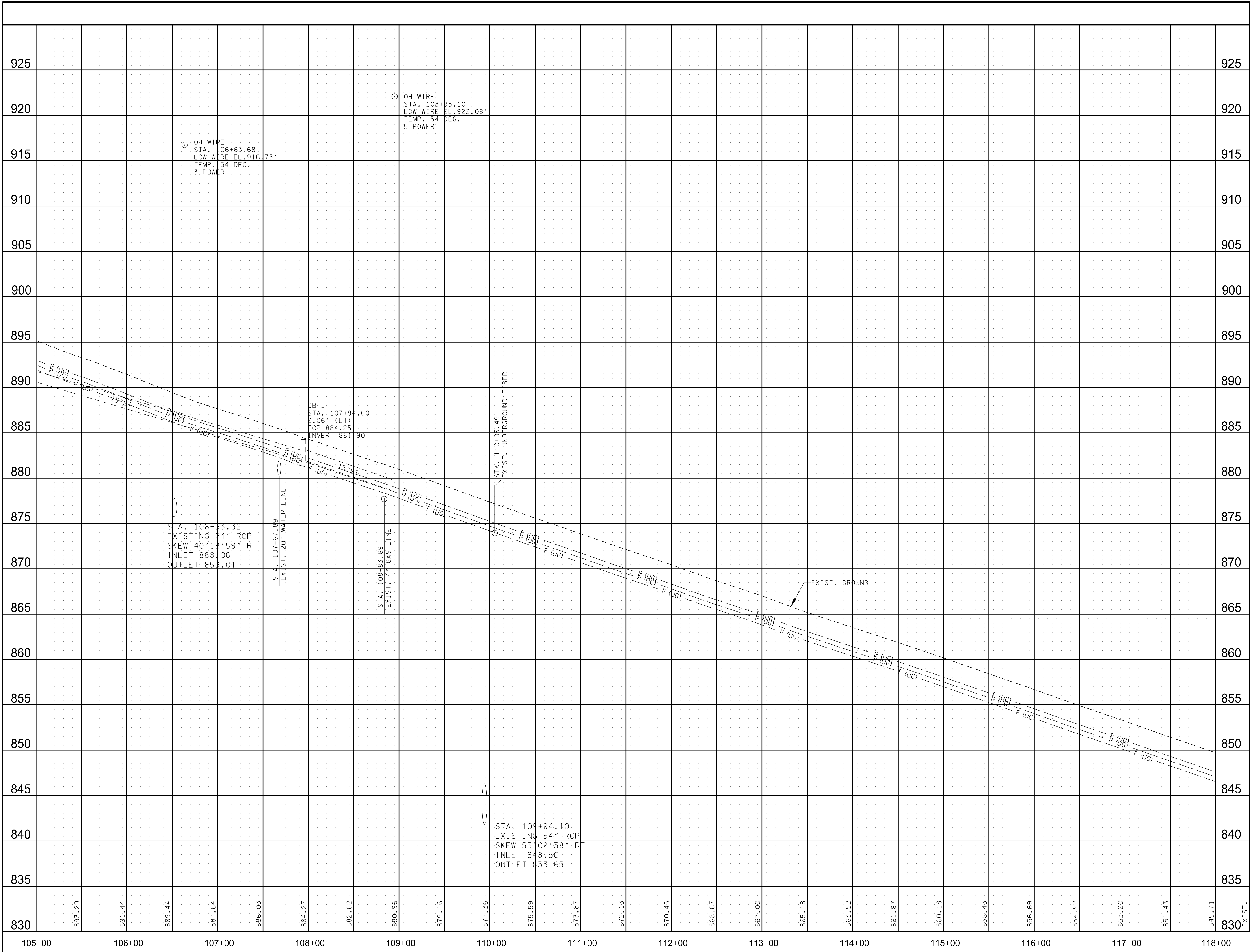
**STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION**

**PROPOSED  
LAYOUT**

STA. 105+00 TO STA. 118+00

SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	4B



9/12/2018  
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**STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION**

**PROFILE**  
 STA. 105+00 TO STA. 118+00  
 SCALE: 1"= 50' HORIZ.  
 1"= 5' VERT.



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	5

CURVE C407  
 PI 413+04.05  
 N 249,304.6105  
 E 2,191,886.6837  
 $\Delta$  9° 52' 56" (LT)  
 D 5° 37' 02"  
 R 1,020.00  
 L 175.93  
 T 88.18  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000

ERNEST D. BROOKS  
 AND  
 EMMA C. BROOKS  
 AND  
 LOUIS A. BUQUO  
 AND  
 SHARON BUQUO

JOHN S. MCYCANNN  
 AND  
 KATHERINE G. MAYCANN

FIRN B. BURROWS  
 AND  
 MARCUS LE BURROWS  
 AND  
 MARLE TALLY BURROWS

HOME LIQUIDATORS, LLC

UNITARIAN UNIVERSALIST  
 CHURCH OF CHATTANOOGA

UNITARIAN UNIVERSALIST  
 CHURCH OF CHATTANOOGA

THE PROPE  
 GROUP, LLC

TENNESSEE  
 HOUSING  
 DEVELOPMENT  
 AGENCY  
 125

410

BUCKEYE  
 PROPERTIES,  
 INC.

130

120

500

405

32

34

35

38

40

43

41

TIMOTHY J. LINDSEY

BUCKEYE  
 PROPERTIES, INC.

HOYAL W.  
 KNIGHT, JR.

ROGER HENRY COE  
 AND  
 JO ANN COE

J. BRUCE  
 JACKSON

JAMES L.  
 KUMBAR,  
 JR.

C & R VENTURES, LLC  
 AND  
 VICKIE SCHROYER

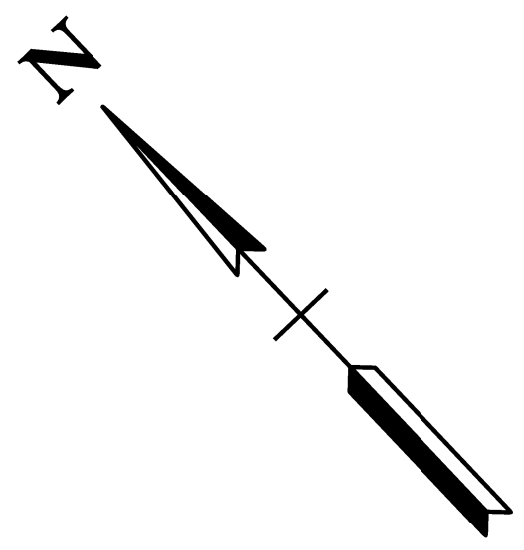
LOUIS ALLEN BUQUO  
 AND  
 SHARON L. BUQUO

MICHAEL  
 KEVIN  
 THEDFORD

SHIRLEY R. STEPHENSON

SUSAN CAROLINE LEACH  
 AND  
 GIBSON STROUPE  
 AND  
 STEVEN C. LEACH  
 AND  
 BARBARA LEACH

500+00.00 RAMP "A"  
 =130+85.09 INTERSTATE 24  
 45.00' RT.



MATCH LINE 118+00.00 SEE SHT. NO 4

MATCH LINE 131+00.00 SEE SHT. NO 6

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COORDINATES ARE NAD/83(1995),  
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STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

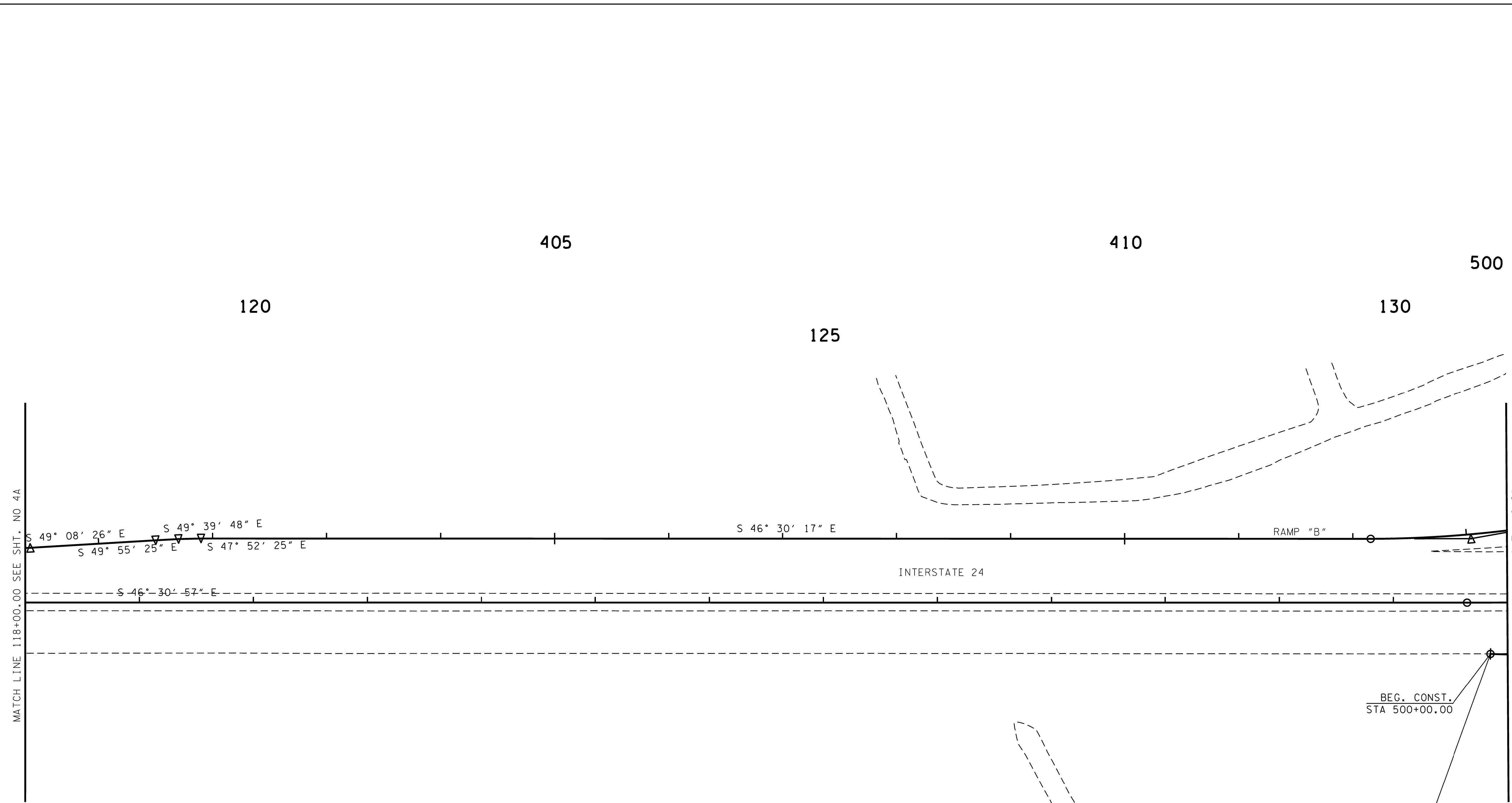
PRESENT  
 LAYOUT

STA. 118+00 TO STA. 131+00

SCALE: 1"= 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	5A



120

405

125

410

130

500

MATCH LINE 118+00.00 SEE SHT. NO 4A

MATCH LINE 131+00.00 SEE SHT. NO 6A

S 49° 08' 26" E  
S 49° 55' 25" E

S 49° 39' 48" E  
S 47° 52' 25" E

S 46° 30' 17" E

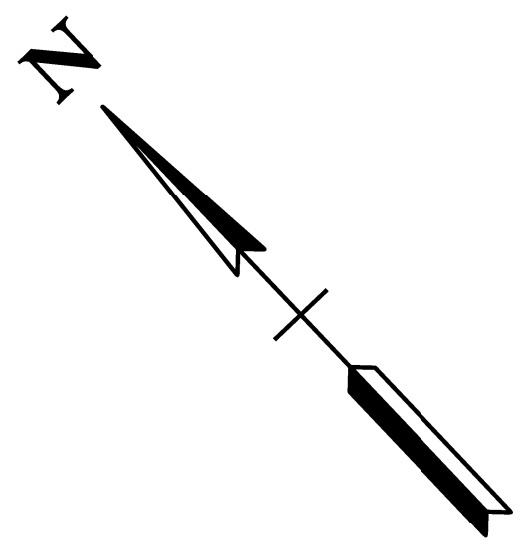
RAMP "B"

INTERSTATE 24

S 46° 30' 57" E

BEG. CONST.  
STA 500+00.00

500+00.00 RAMP "A"  
=130+85.09 INTERSTATE 24  
45.00' RT.



9/12/2018 F:\366\36730\3673000104\_CAD\TRNS\005A.sht

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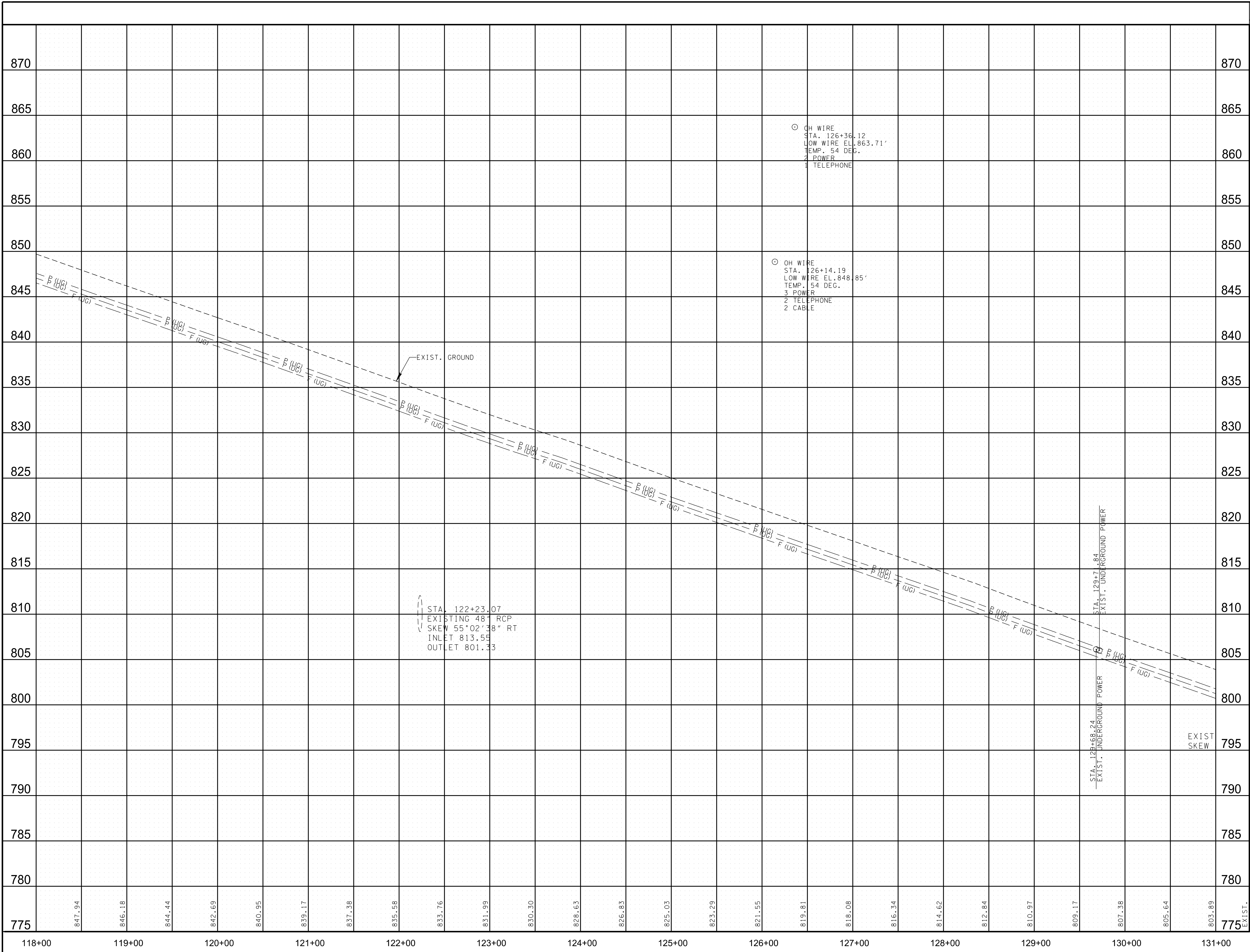
**STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION**

**PROPOSED  
LAYOUT**

STA. 118+00 TO STA. 131+00

SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	5B



9/12/2018  
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COORDINATES ARE NAD/83(1995),  
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**STATE OF TENNESSEE**  
**DEPARTMENT OF**  
**TRANSPORTATION**

**PROFILE**  
 STA. 118+00 TO STA. 131+00  
 SCALE: 1"= 50' HORIZ.  
 1"= 5' VERT.

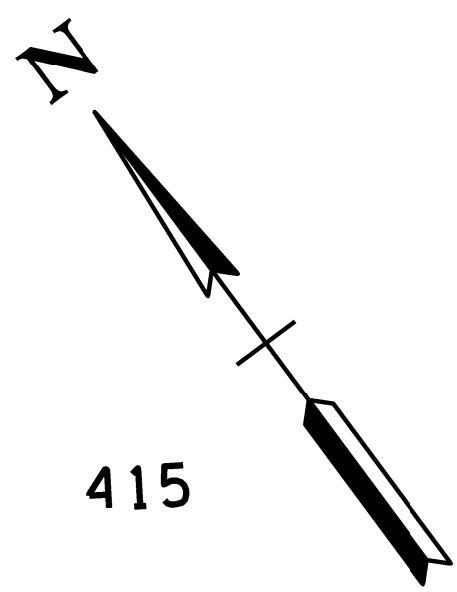
EXIST. PROP.



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	6

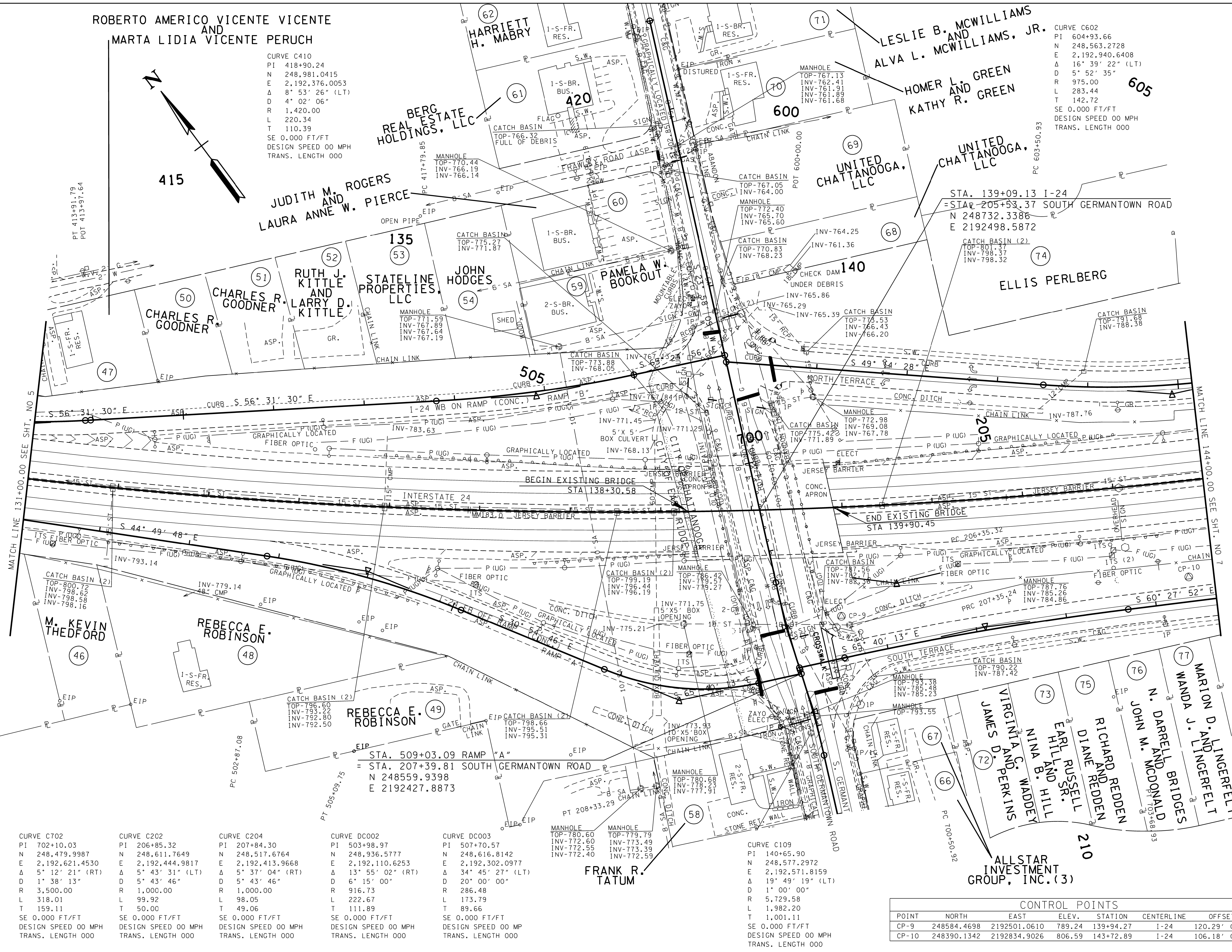
ROBERTO AMERICO VICENTE VICENTE AND MARTA LIDIA VICENTE PERUCH

CURVE C410  
 PI 418+90.24  
 N 248,981.0415  
 E 2,192,376.0053  
 Δ 8° 53' 26" (LT)  
 D 4' 02' 06"  
 R 1,420.00  
 L 220.34  
 T 110.39  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000



LESLIE B. MCWILLIAMS AND ALVA L. MCWILLIAMS, JR.

CURVE C602  
 PI 604+93.66  
 N 248,563.2728  
 E 2,192,940.6408  
 Δ 16° 39' 22" (LT)  
 D 5' 52' 35"  
 R 975.00  
 L 283.44  
 T 142.72  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000



CURVE C702	CURVE C202	CURVE C204	CURVE DC002	CURVE DC003	CURVE C109
PI 702+10.03	PI 206+85.32	PI 207+84.30	PI 503+98.97	PI 507+70.57	PI 140+65.90
N 248,479.9987	N 248,611.7649	N 248,517.6764	N 248,936.5777	N 248,616.8142	N 248,577.2972
E 2,192,621.4530	E 2,192,444.9817	E 2,192,413.9668	E 2,192,110.6253	E 2,192,302.0977	E 2,192,571.8159
Δ 5° 12' 21" (RT)	Δ 5° 43' 31" (LT)	Δ 5° 37' 04" (RT)	Δ 13° 55' 02" (RT)	Δ 34° 45' 27" (LT)	Δ 19° 49' 19" (LT)
D 1' 38' 13"	D 5' 43' 46"	D 5' 43' 46"	D 6' 15' 00"	D 20' 00' 00"	D 1' 00' 00"
R 3,500.00	R 1,000.00	R 1,000.00	R 916.73	R 286.48	R 5,729.58
L 318.01	L 99.92	L 98.05	L 222.67	L 173.79	L 1,982.20
T 159.11	T 50.00	T 49.06	T 111.89	T 89.66	T 1,001.11
SE 0.000 FT/FT	SE 0.000 FT/FT	SE 0.000 FT/FT	SE 0.000 FT/FT	SE 0.000 FT/FT	SE 0.000 FT/FT
DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH
TRANS. LENGTH 000	TRANS. LENGTH 000	TRANS. LENGTH 000	TRANS. LENGTH 000	TRANS. LENGTH 000	TRANS. LENGTH 000

CONTROL POINTS						
POINT	NORTH	EAST	ELEV.	STATION	CENTERLINE	OFFSET
CP-9	248584.4698	2192501.0610	789.24	139+94.27	I-24	120.29' (RT)
CP-10	248390.1342	2192834.9026	806.59	143+72.89	I-24	106.18' (RT)

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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.

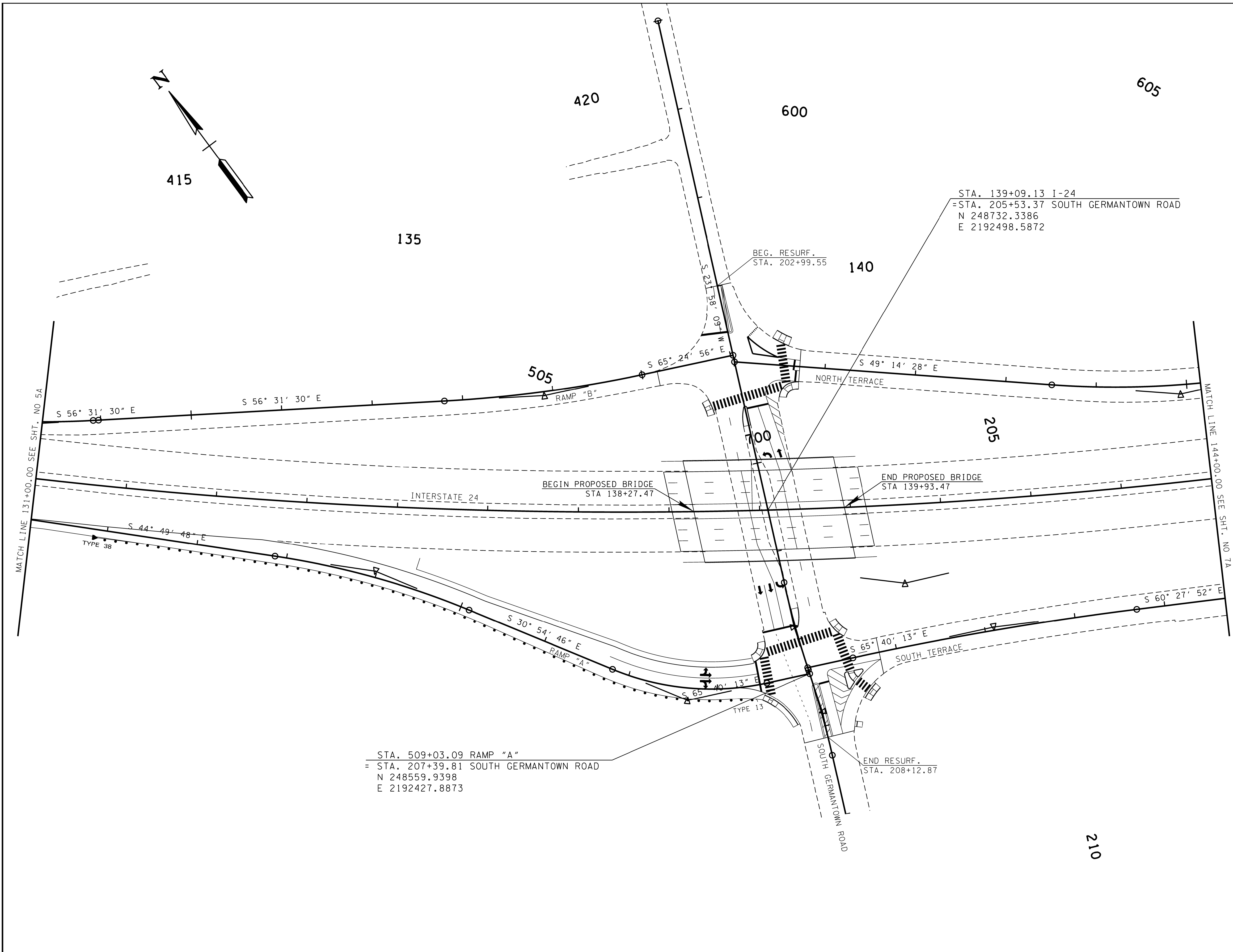
STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

PRESENT  
 LAYOUT

STA. 131+00 TO STA. 144+00  
 SCALE: 1"= 50'

9/12/2018  
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	6A



STA. 509+03.09 RAMP "A"  
 = STA. 207+39.81 SOUTH GERMANTOWN ROAD  
 N 248559.9398  
 E 2192427.8873

STA. 139+09.13 I-24  
 = STA. 205+53.37 SOUTH GERMANTOWN ROAD  
 N 248732.3386  
 E 2192498.5872

MATCH LINE 131+00.00 SEE SHT. NO 5A

MATCH LINE 144+00.00 SEE SHT. NO 7A

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STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

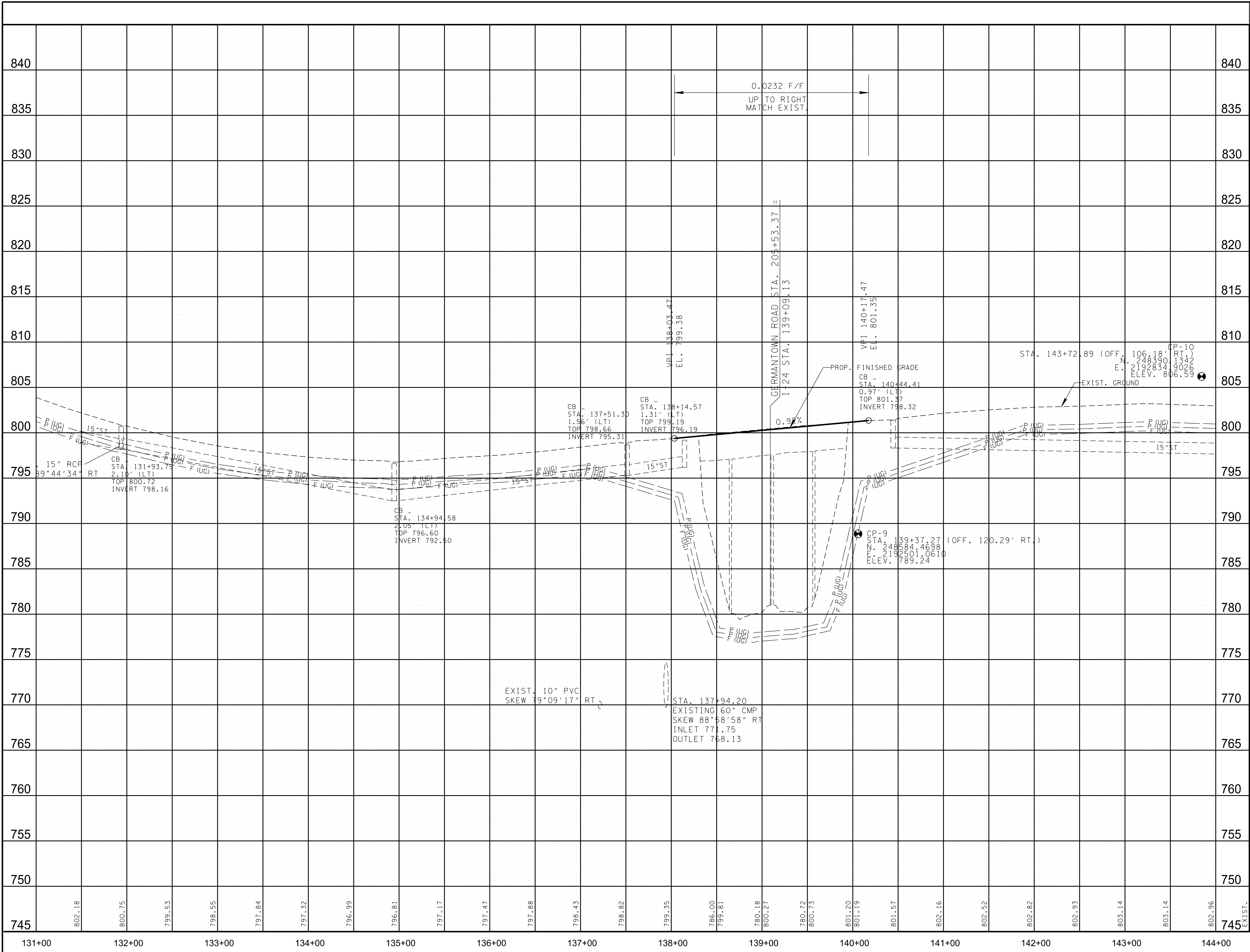
PROPOSED  
 LAYOUT

STA. 131+00 TO STA. 144+00

SCALE: 1"= 50'

9/12/2018 F:\36\36730\3673000104\_CAD\TRNS\006A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	6B



9/12/2018  
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**STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION**

**PROFILE**  
 STA. 131+00 TO STA. 144+00  
 SCALE: 1" = 50' HORIZ.  
 1" = 5' VERT.



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	7

CURVE C604  
PI 607+65.82  
N 248,451.3075  
E 2,193,190.9088  
Δ 0° 30' 08" (LT)  
D 0° 11' 28"  
R 30,000.00  
L 262.89  
T 131.45  
SE 0.000 FT/FT  
DESIGN SPEED 00 MPH  
TRANS. LENGTH 000

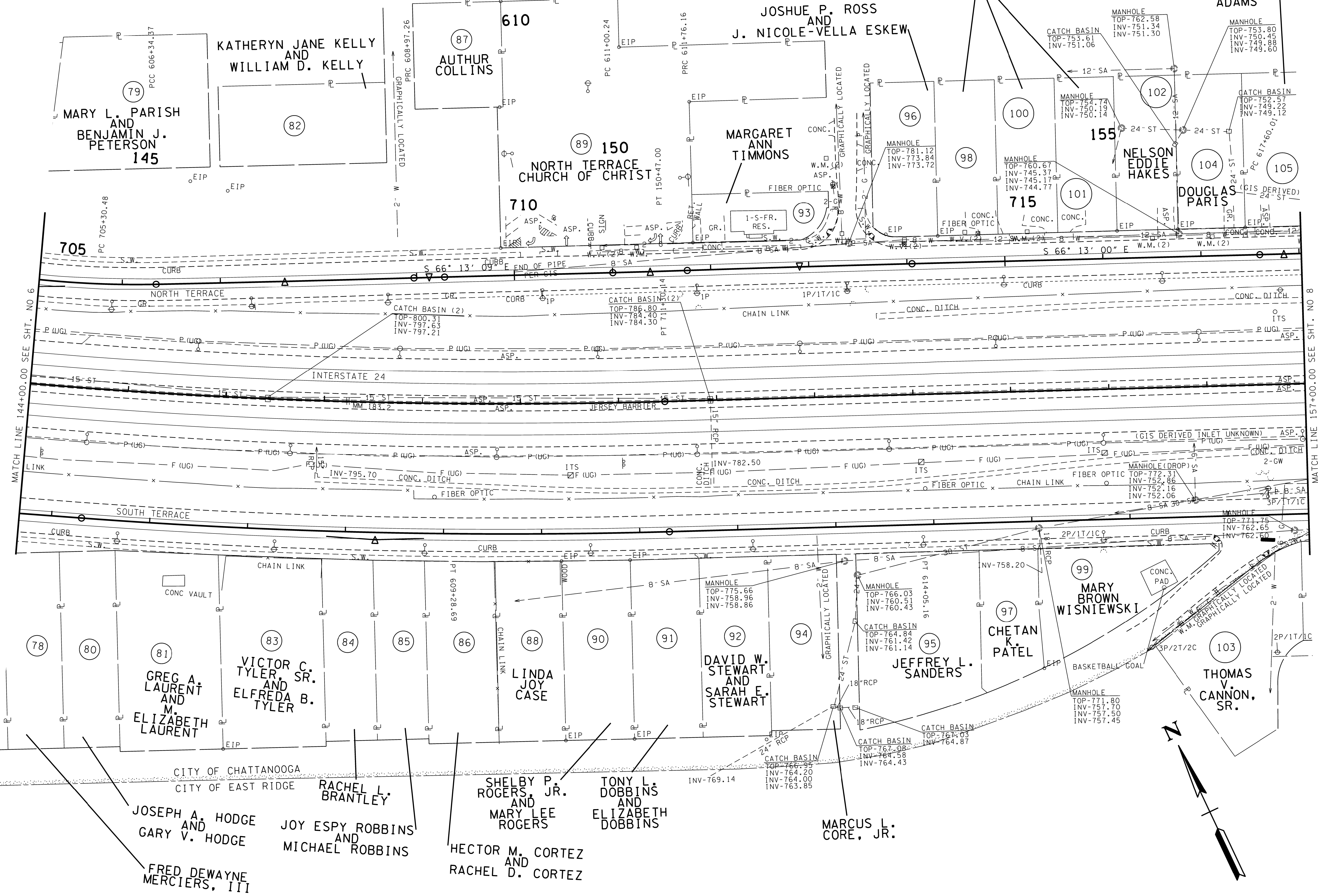
CURVE C705  
PI 708+30.57  
N 248,173.9883  
E 2,193,161.5453  
Δ 5° 52' 23" (LT)  
D 0° 58' 46"  
R 5,850.00  
L 599.66  
T 300.09  
SE 0.000 FT/FT  
DESIGN SPEED 00 MPH  
TRANS. LENGTH 000

CURVE C606  
PI 609+12.97  
N 248,392.3907  
E 2,193,325.7589  
Δ 0° 10' 48" (RT)  
D 0° 34' 23"  
R 10,000.00  
L 31.42  
T 15.71  
SE 0.000 FT/FT  
DESIGN SPEED 00 MPH  
TRANS. LENGTH 000

CURVE C609  
PI 611+38.20  
N 248,301.5702  
E 2,193,531.8633  
Δ 0° 26' 06" (LT)  
D 0° 34' 23"  
R 10,000.00  
L 75.92  
T 37.96  
SE 0.000 FT/FT  
DESIGN SPEED 00 MPH  
TRANS. LENGTH 000

CURVE C611  
PI 612+90.66  
N 248,241.1538  
E 2,193,671.8402  
Δ 0° 26' 14" (RT)  
D 0° 11' 28"  
R 30,000.00  
L 229.00  
T 114.50  
SE 0.000 FT/FT  
DESIGN SPEED 00 MPH  
TRANS. LENGTH 000

CURVE C614  
PI 617+84.64  
N 248,041.9412  
E 2,194,123.8744  
Δ 0° 16' 56" (LT)  
D 0° 34' 23"  
R 10,000.00  
L 49.27  
T 24.64  
SE 0.000 FT/FT  
DESIGN SPEED 00 MPH  
TRANS. LENGTH 000



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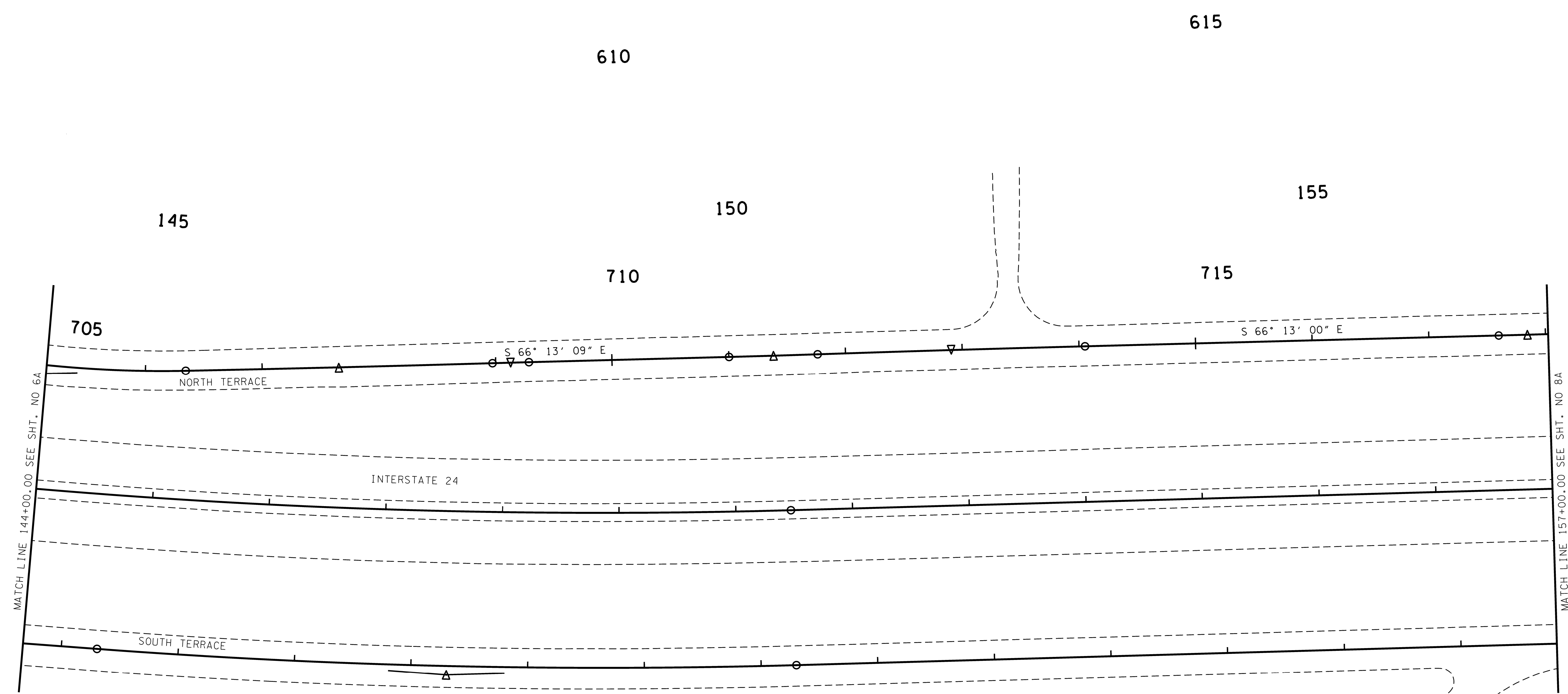
COORDINATES ARE NAD/83(1995). ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION

PRESENT  
LAYOUT

STA. 144+00 TO STA. 157+00  
SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	7A



MATCH LINE 144+00.00 SEE SHT. NO 6A

MATCH LINE 157+00.00 SEE SHT. NO 8A

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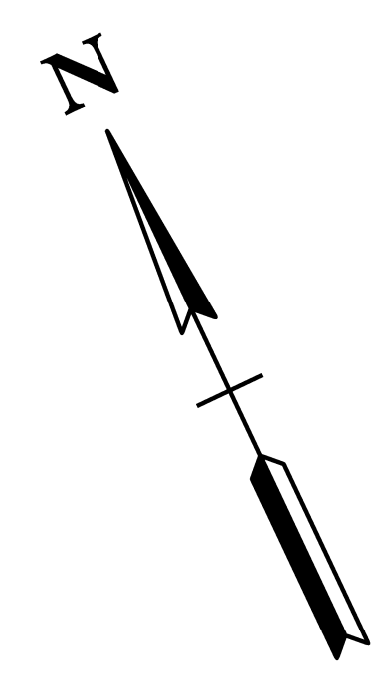
COORDINATES ARE NAD/83(1995),  
ARE DATUM ADJUSTED BY THE  
FACTOR OF 0.99998 AND TIED TO  
THE TGRN. ALL ELEVATIONS ARE  
REFERENCED TO THE NAVD 1988.

**STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION**

**PROPOSED  
LAYOUT**

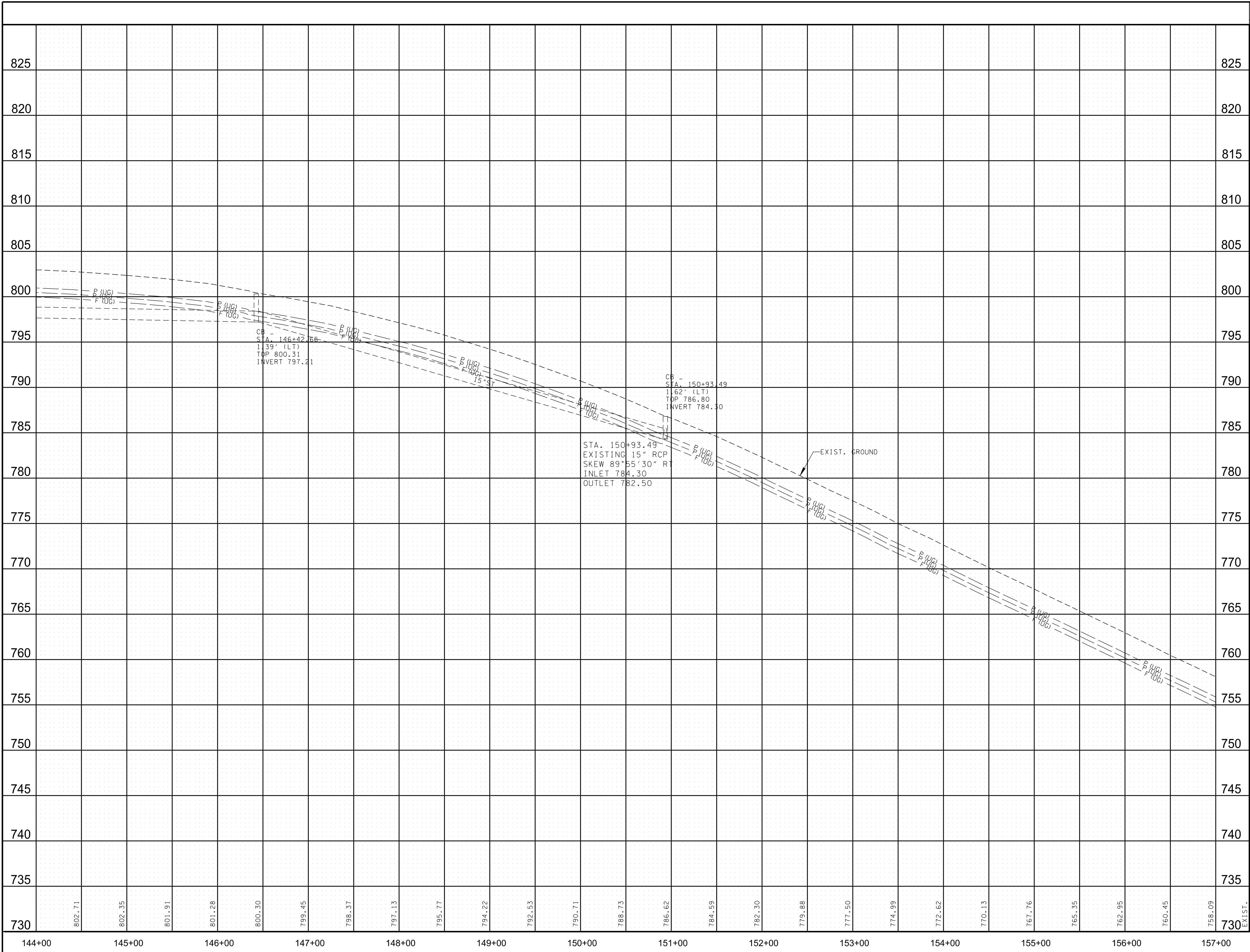
STA. 144+00 TO STA. 157+00

SCALE: 1"= 50'





TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	7B



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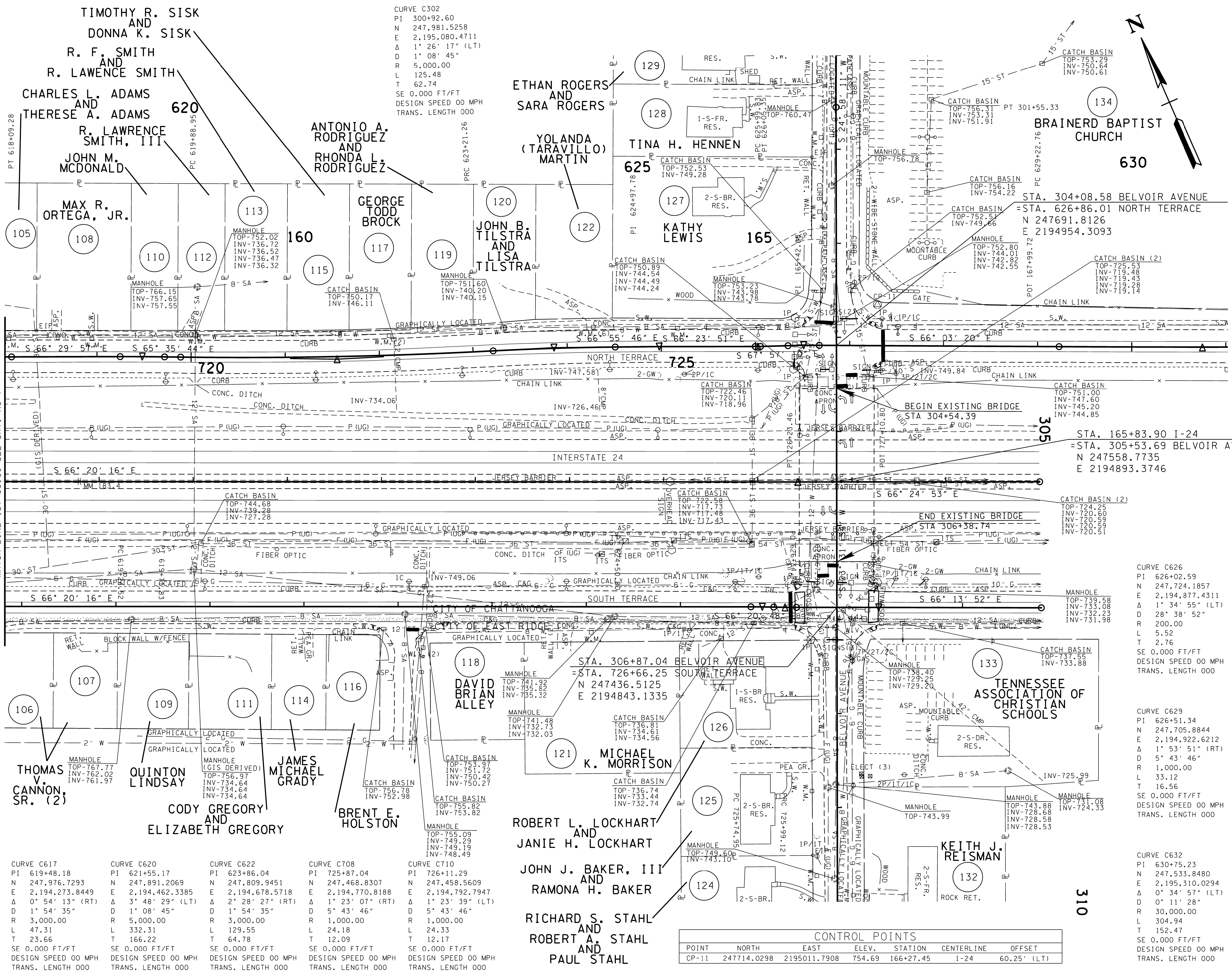
COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

**STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION**

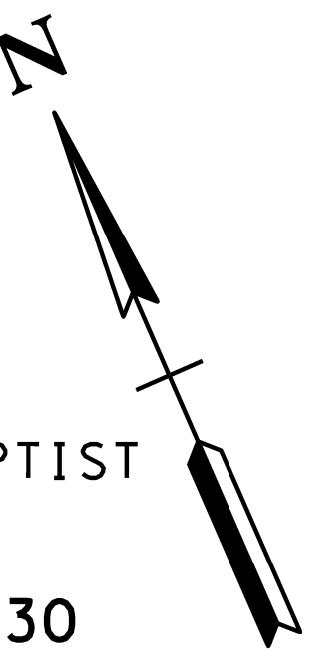
**PROFILE**  
STA. 144+00 TO STA. 157+00  
SCALE: 1"= 50' HORIZ.  
1"= 5' VERT.

9/12/2018  
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	8



CURVE C302  
 PI 300+92.60  
 N 247,981.5258  
 E 2,195,080.4711  
 Δ 1° 26' 17" (LT)  
 D 1° 08' 45"  
 R 5,000.00  
 L 125.48  
 T 62.74  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000



MATCH LINE 157+00.00 SEE SH1. NO 7

CURVE C626  
 PI 626+02.59  
 N 247,724.1857  
 E 2,194,877.4311  
 Δ 1° 34' 55" (LT)  
 D 28° 38' 52"  
 R 200.00  
 L 5.52  
 T 2.76  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000

CURVE C629  
 PI 626+51.34  
 N 247,705.8844  
 E 2,194,922.6212  
 Δ 1° 53' 51" (RT)  
 D 5° 43' 46"  
 R 1,000.00  
 L 33.12  
 T 16.56  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000

CURVE C632  
 PI 630+75.23  
 N 247,533.8480  
 E 2,195,310.0294  
 Δ 0° 34' 57" (LT)  
 D 0° 11' 28"  
 R 30,000.00  
 L 304.94  
 T 152.47  
 SE 0.000 FT/FT  
 DESIGN SPEED 00 MPH  
 TRANS. LENGTH 000

CURVE	PI	N	E	Δ	D	R	L	T	SE	DESIGN SPEED	TRANS. LENGTH
CURVE C617	619+48.18	247,976.7293	2,194,273.8449	0° 54' 13" (RT)	1° 54' 35"	3,000.00	47.31	23.66	0.000 FT/FT	00 MPH	000
CURVE C620	621+55.17	247,891.2069	2,194,462.3385	3° 48' 29" (LT)	1° 08' 45"	5,000.00	332.31	166.22	0.000 FT/FT	00 MPH	000
CURVE C622	623+86.04	247,809.9451	2,194,678.5718	2° 28' 27" (RT)	1° 54' 35"	3,000.00	47.31	23.66	0.000 FT/FT	00 MPH	000
CURVE C708	725+87.04	247,468.8307	2,194,770.8188	1° 23' 07" (RT)	5° 43' 46"	1,000.00	129.55	64.78	0.000 FT/FT	00 MPH	000
CURVE C710	726+11.29	247,458.5609	2,194,792.7947	1° 23' 39" (LT)	5° 43' 46"	1,000.00	129.55	64.78	0.000 FT/FT	00 MPH	000

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
CP-11	247714.0298	2195011.7908	754.69	166+27.45	60.25' (LT)

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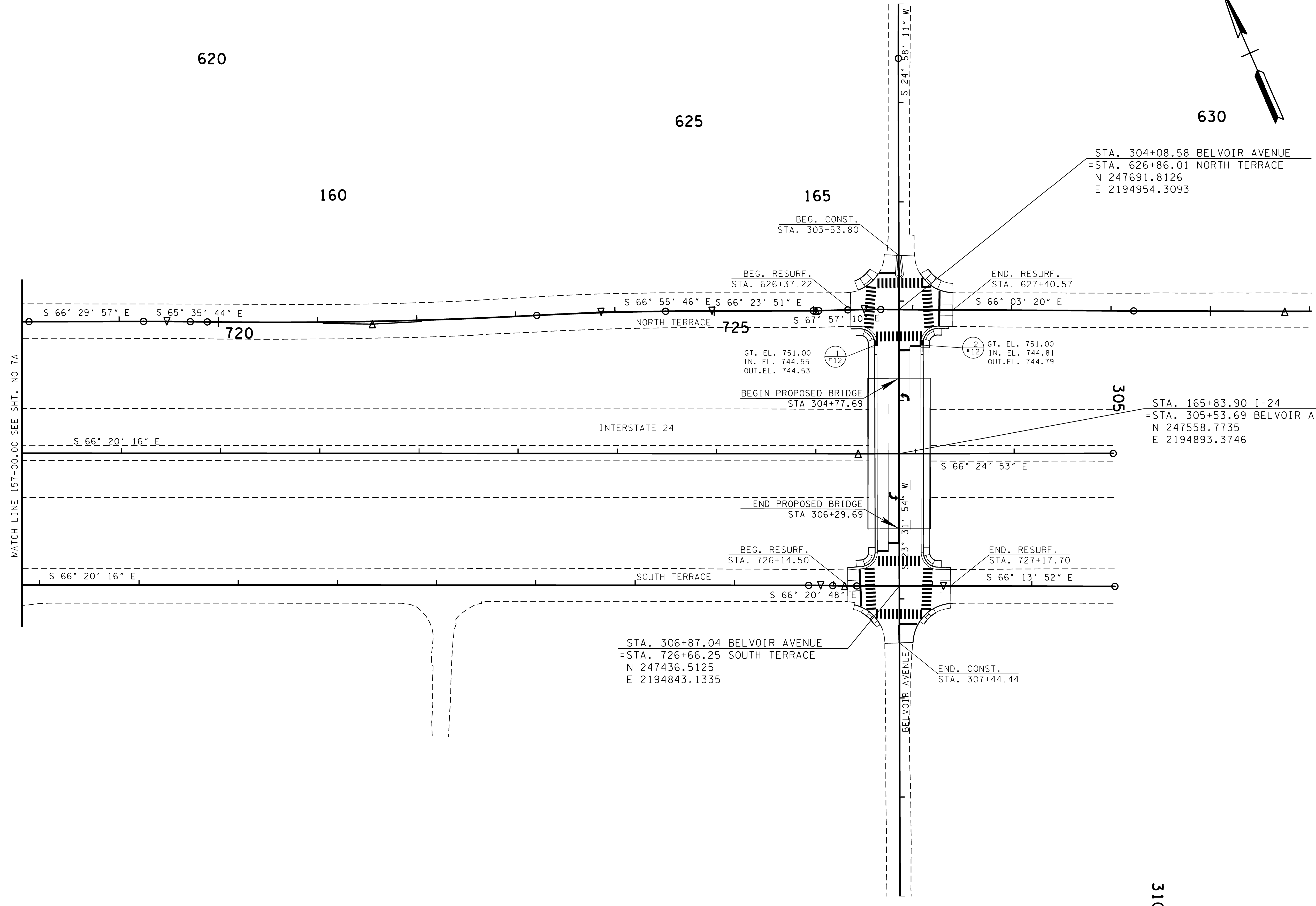
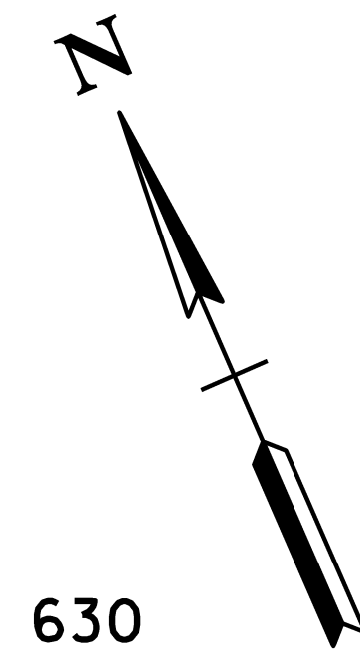
COORDINATES ARE NAD83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

PRESENT  
 LAYOUT

STA. 157+00 TO STA. 164+96.63  
 SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	8A



MATCH LINE 157+00.00 SEE SHT. NO 7A

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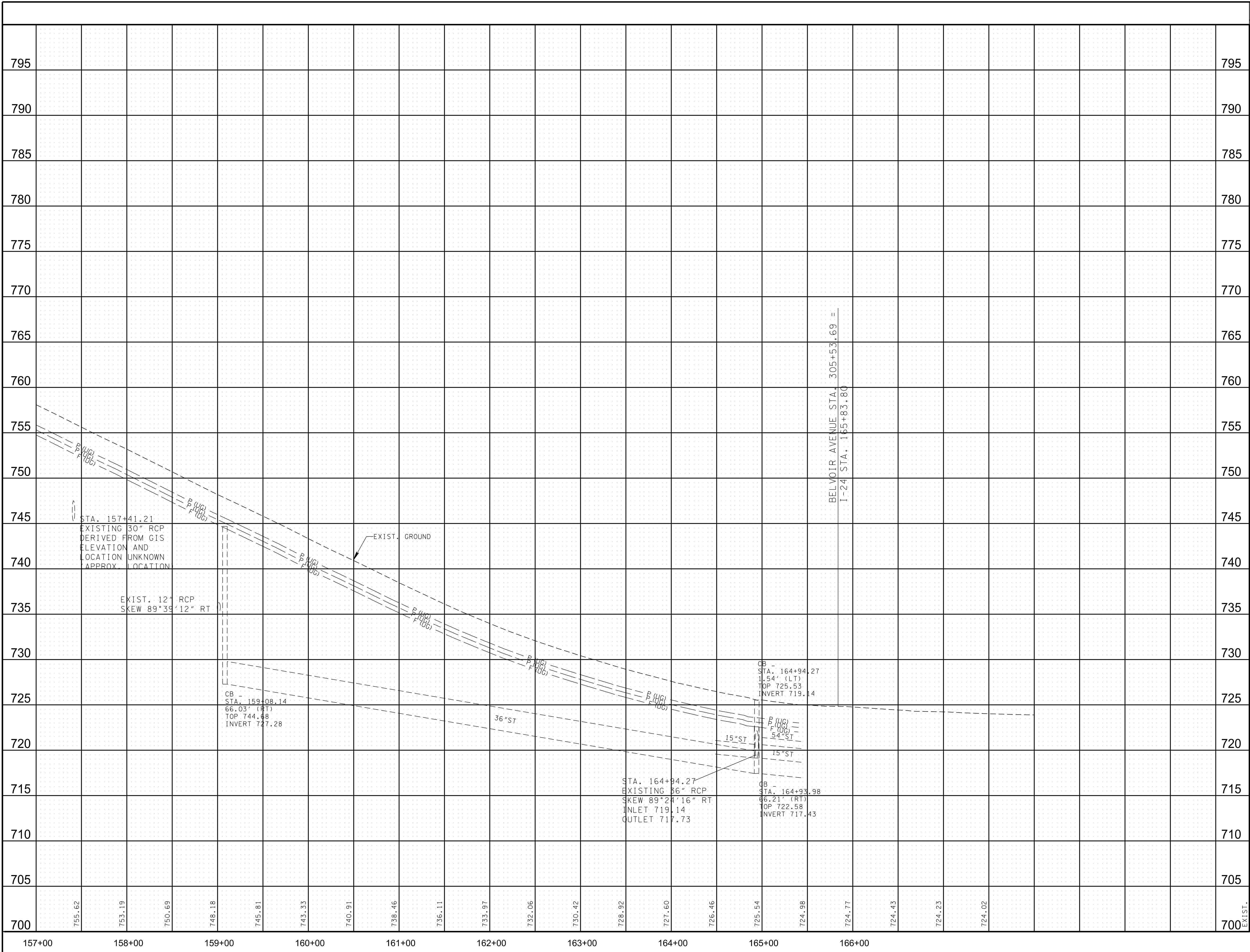
COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION

PROPOSED  
LAYOUT

STA. 157+00 TO STA. 164+96.63  
SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	8B



9/12/2018  
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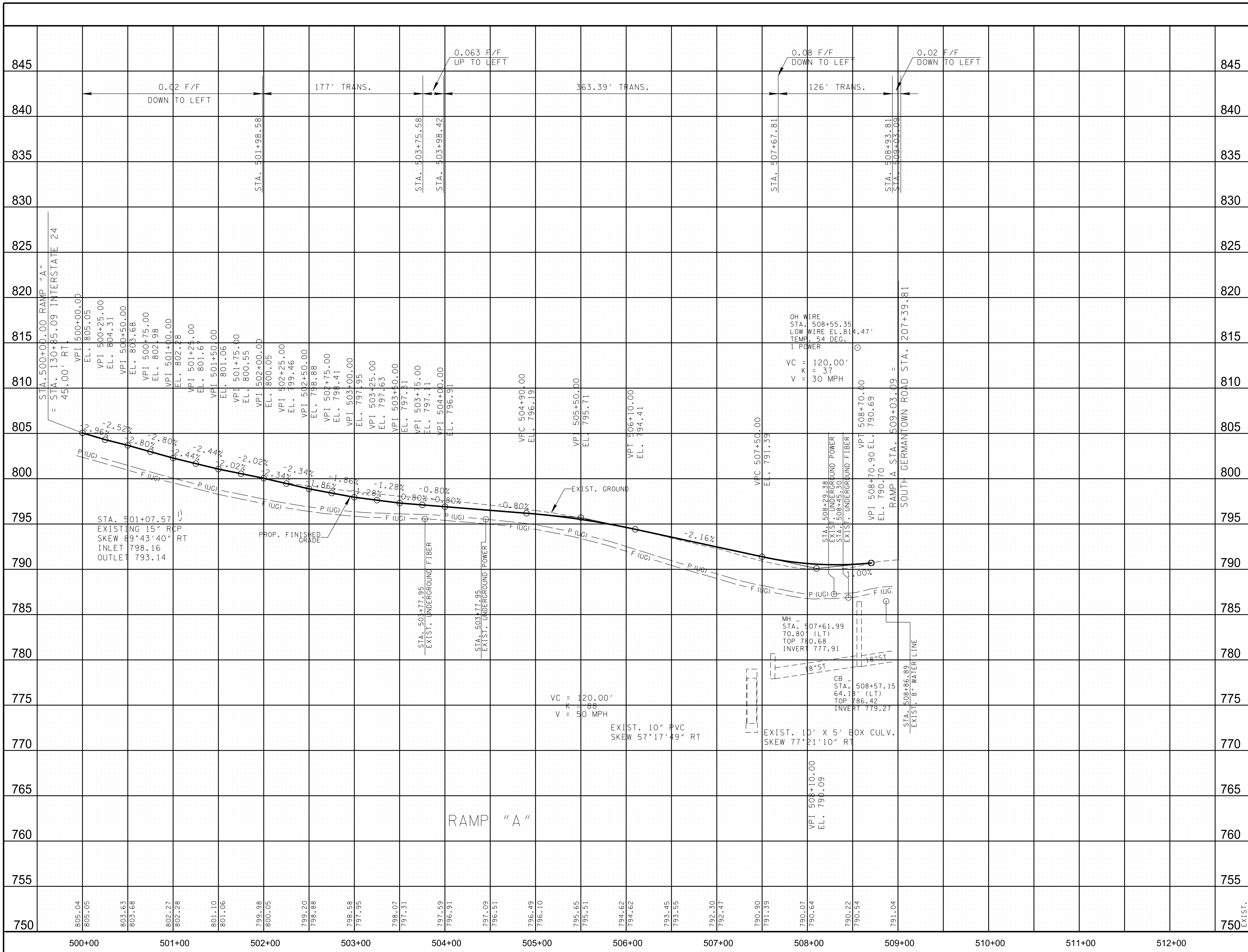
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COORDINATES ARE NAD/83(1995),  
 ARE DATUM ADJUSTED BY THE  
 FACTOR OF 0.99998 AND TIED TO  
 THE TGRN. ALL ELEVATIONS ARE  
 REFERENCED TO THE NAVD 1988.

**STATE OF TENNESSEE**  
**DEPARTMENT OF**  
**TRANSPORTATION**

**PROFILE**  
 STA. 157+00 TO STA. 165+83.30  
 SCALE: 1" = 50' HORIZ.  
 1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-044	9



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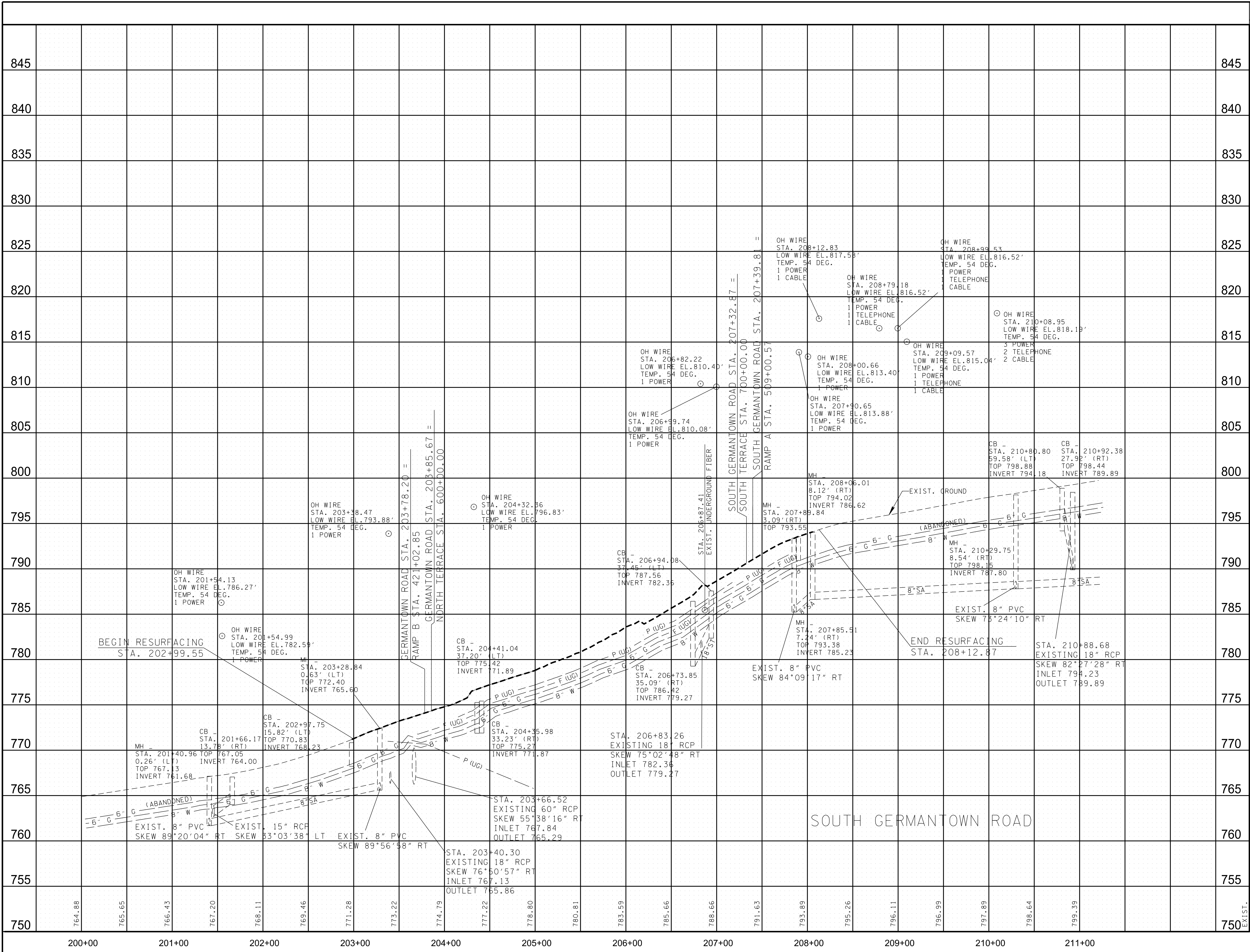
COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE  
 DEPARTMENT OF  
 TRANSPORTATION

RAMP  
 PROFILE  
 RAMP "A"  
 SCALE: 1"=50' HORIZ.  
 1"=5' VERT.



TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	10



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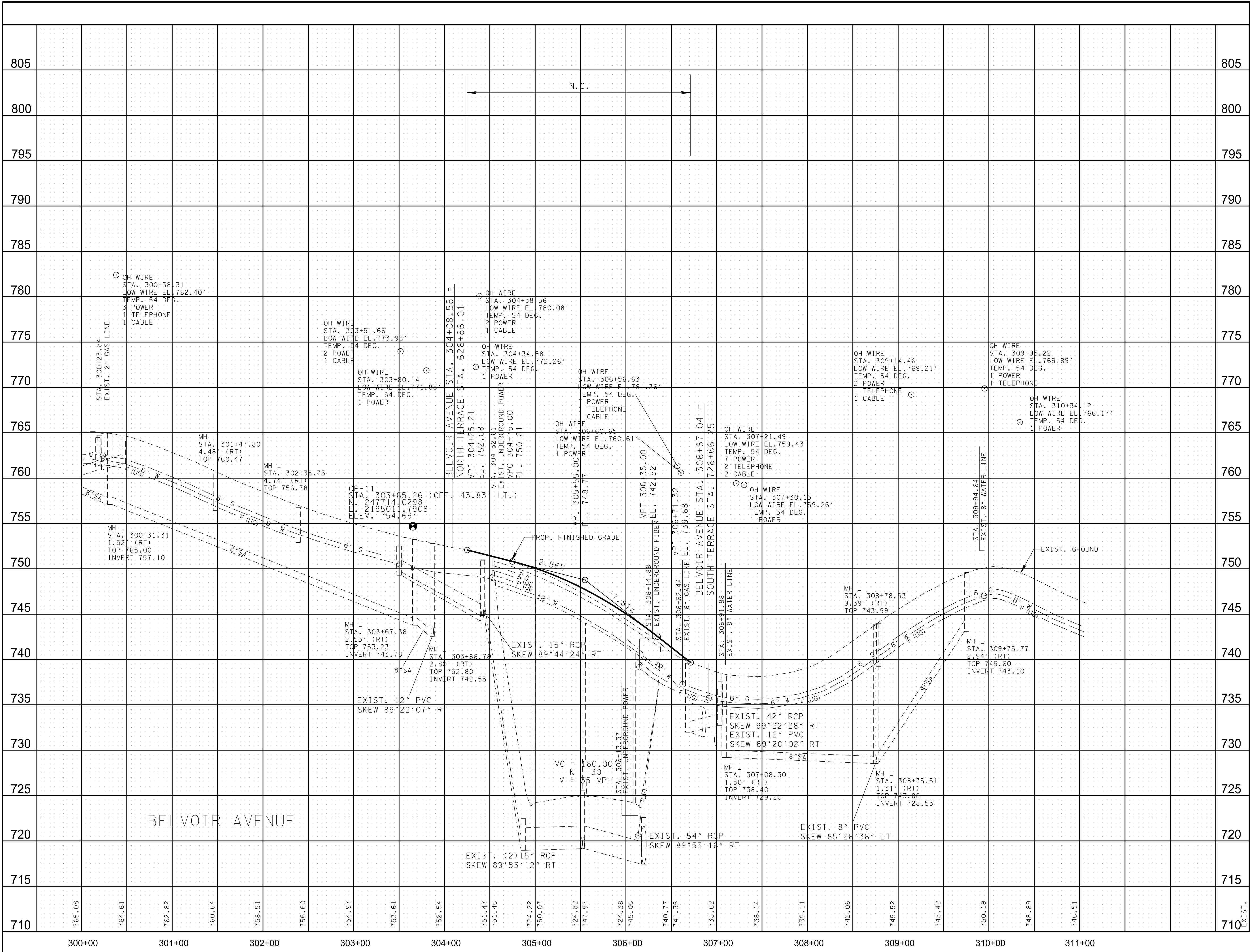
COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION

SIDE ROAD  
PROFILES  
SOUTH GERMANTOWN ROAD  
SCALE: 1"=50' HORIZ.  
1"=5' VERT.

9/12/2018  
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	11



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

STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION

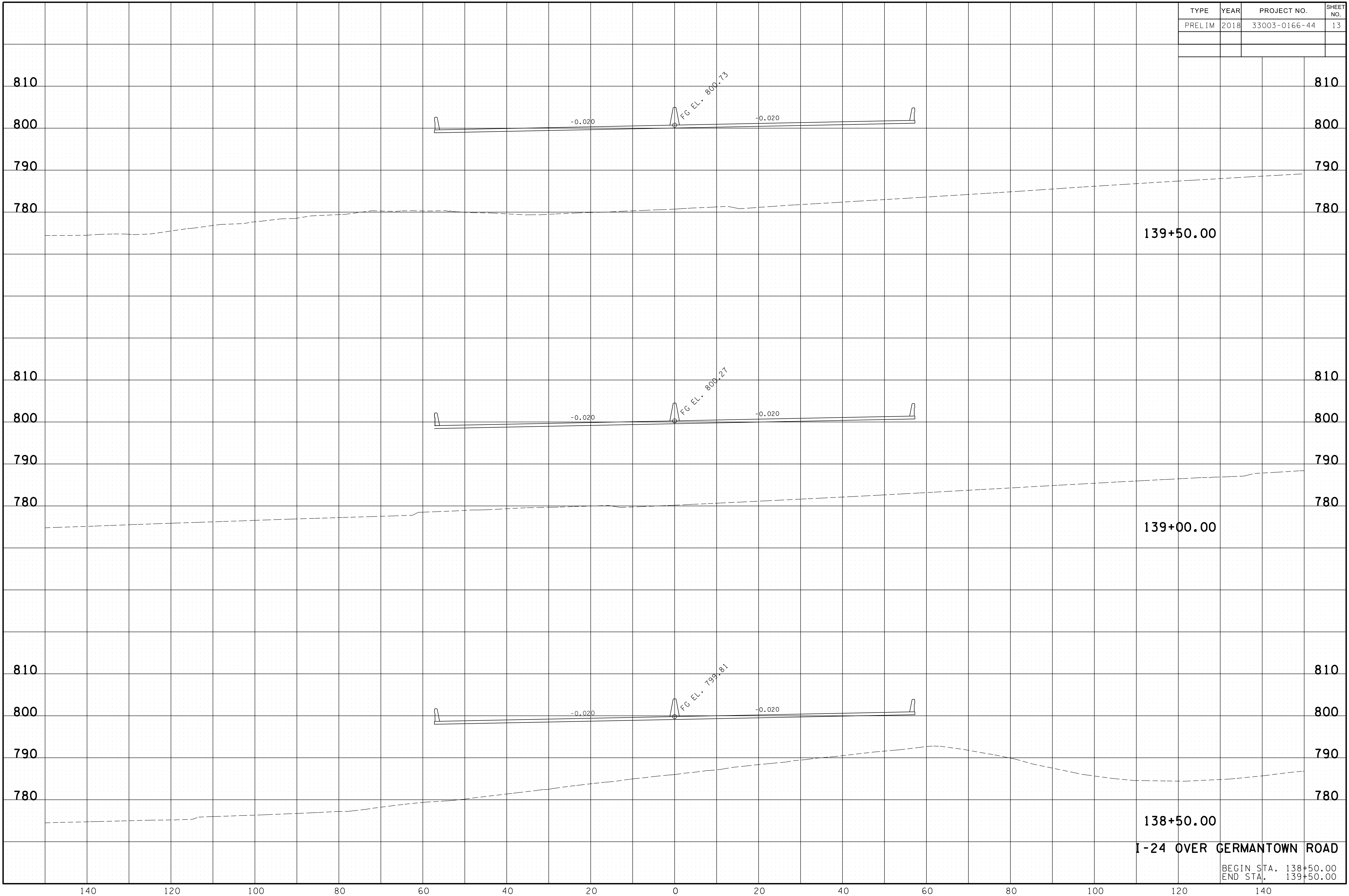
SIDE ROAD  
PROFILES  
BELVOIR AVENUE  
SCALE: 1"=50' HORIZ.  
1"=5' VERT.

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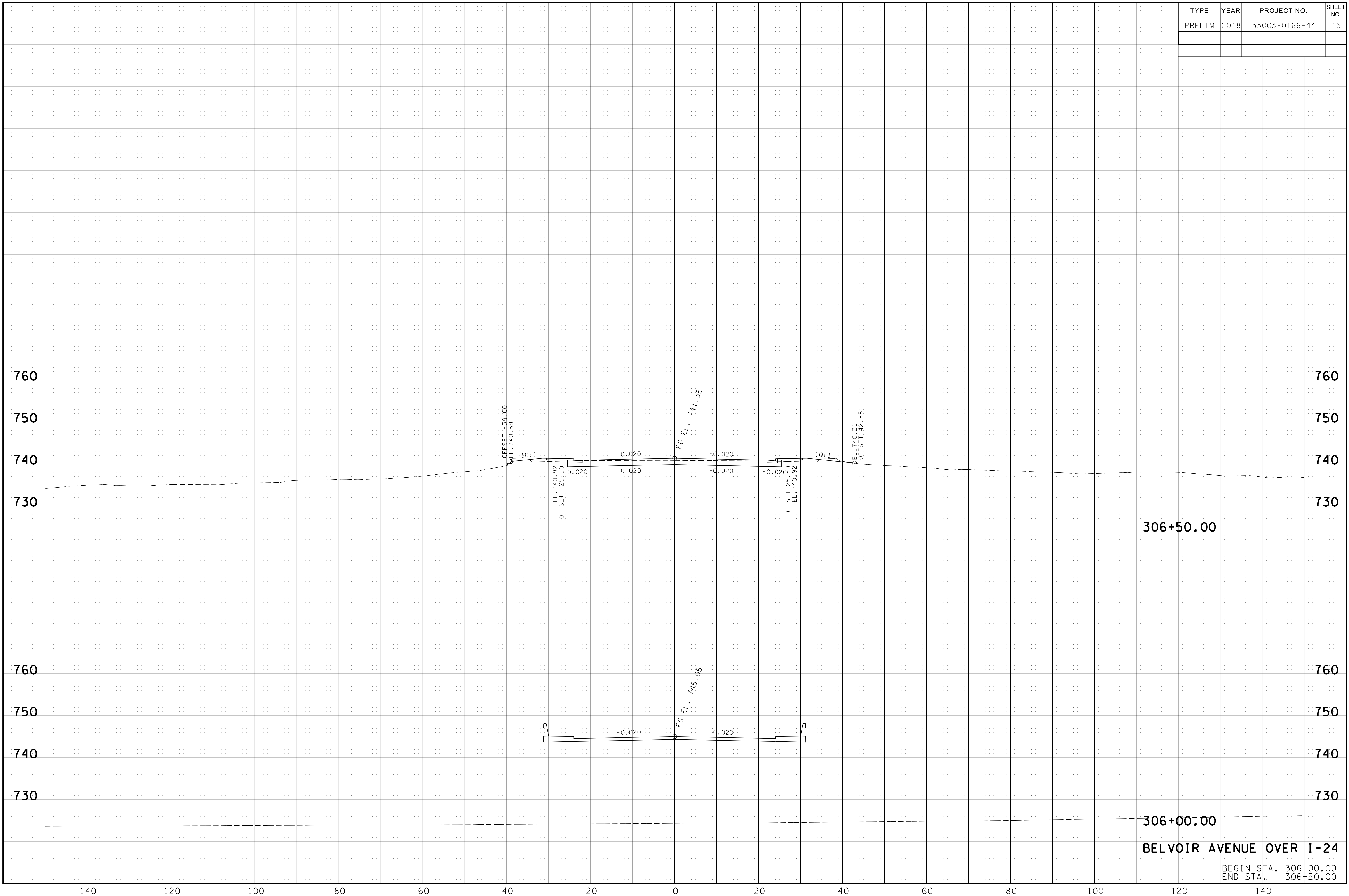
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	13



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**I-24 OVER GERMANTOWN ROAD**  
 BEGIN STA. 138+50.00  
 END STA. 139+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	15



306+50.00

306+00.00

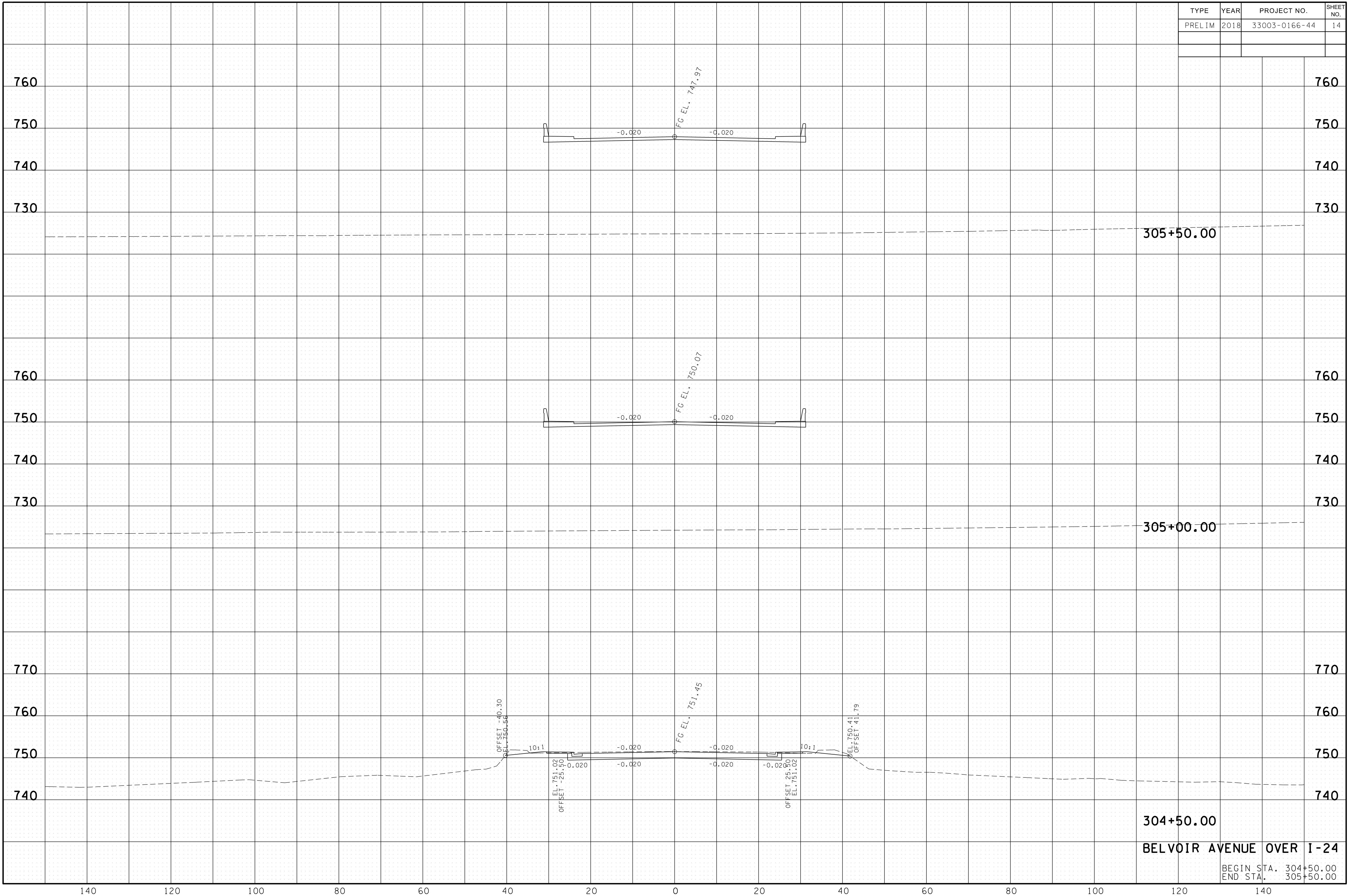
**BELVOIR AVENUE OVER I-24**

BEGIN STA. 306+00.00  
END STA. 306+50.00

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140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

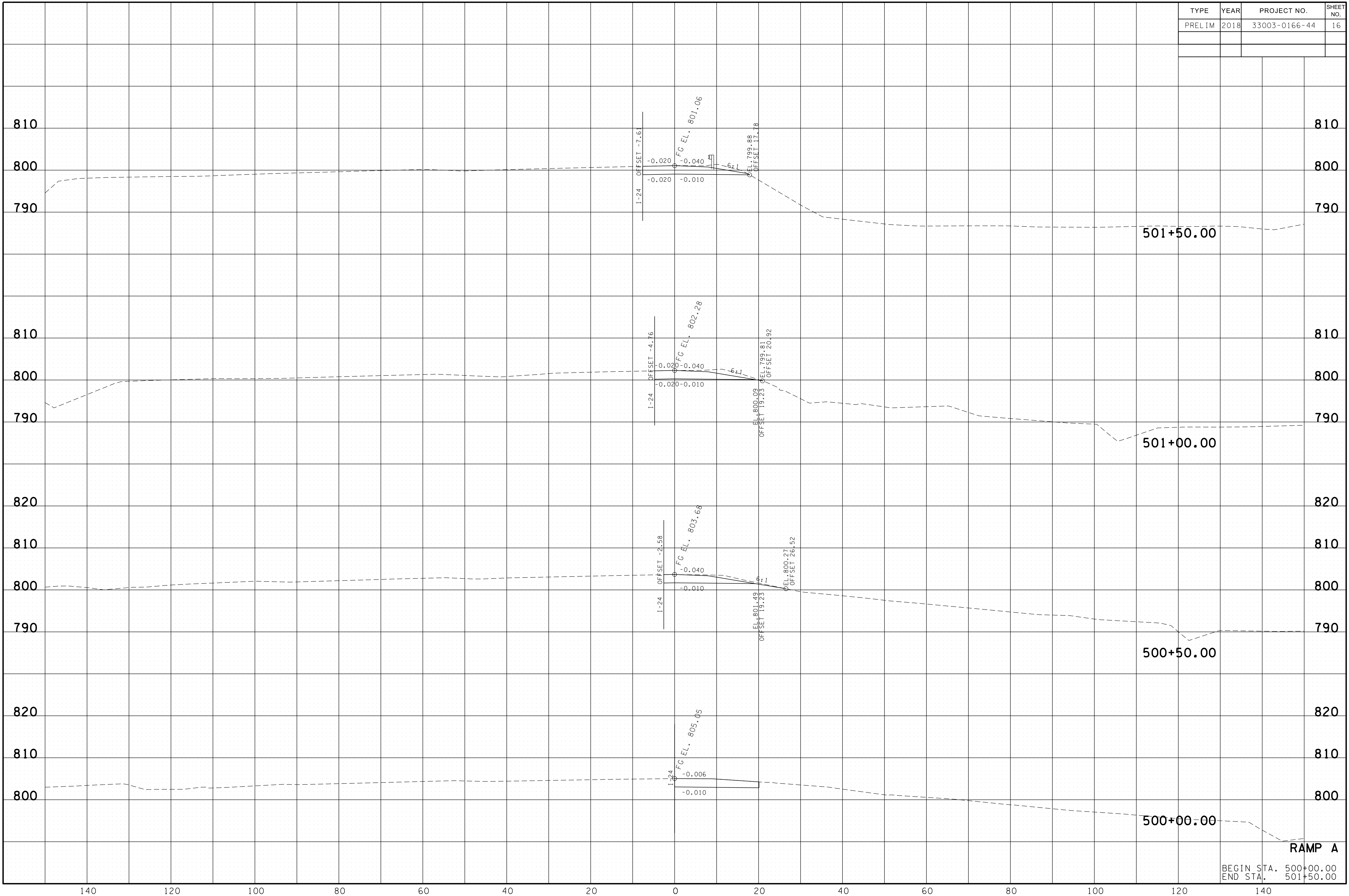
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	14



9/12/2018  
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BEGIN STA. 304+50.00  
 END STA. 305+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	16

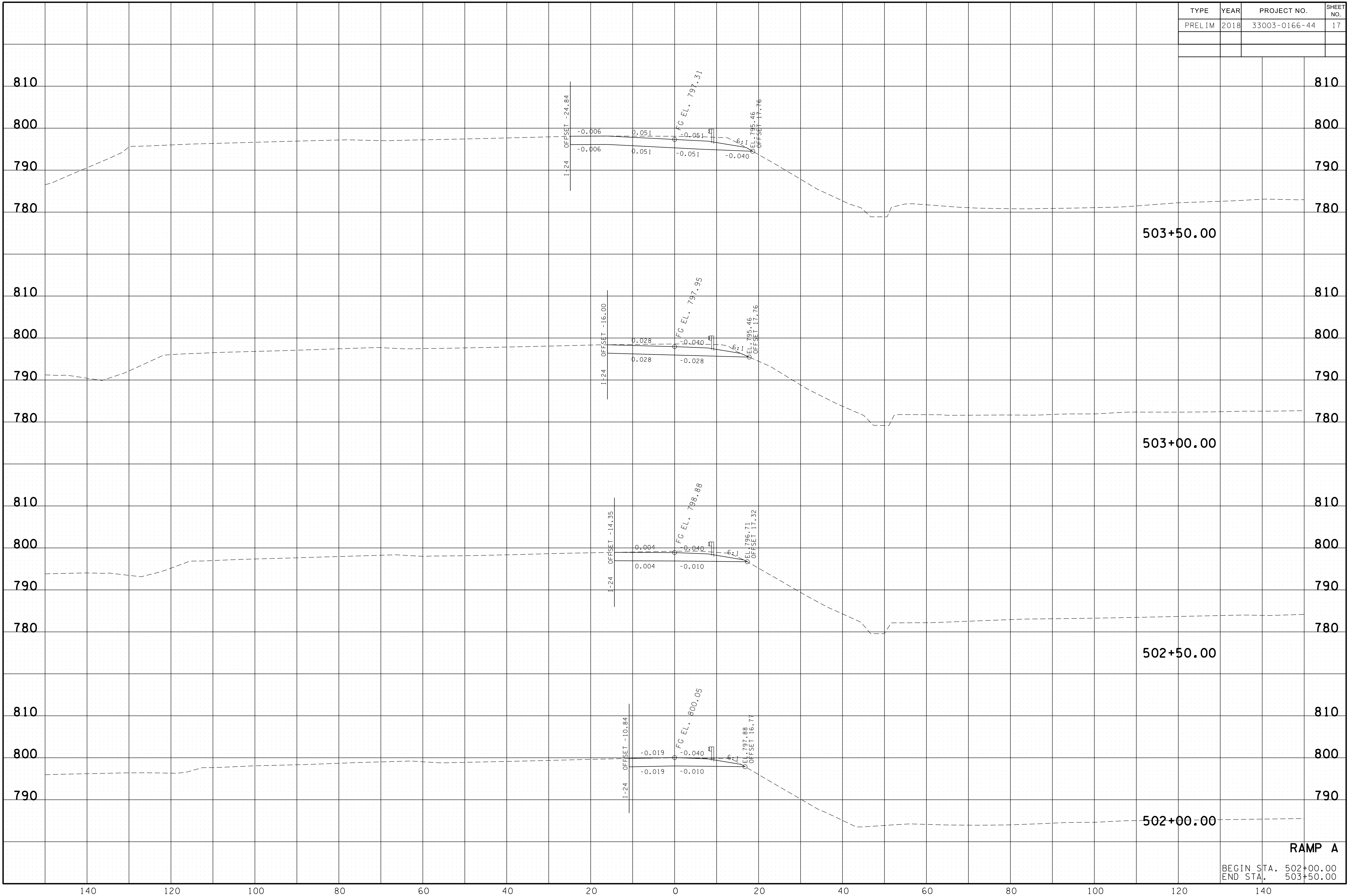


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BEGIN STA. 500+00.00  
 END STA. 501+50.00

RAMP A

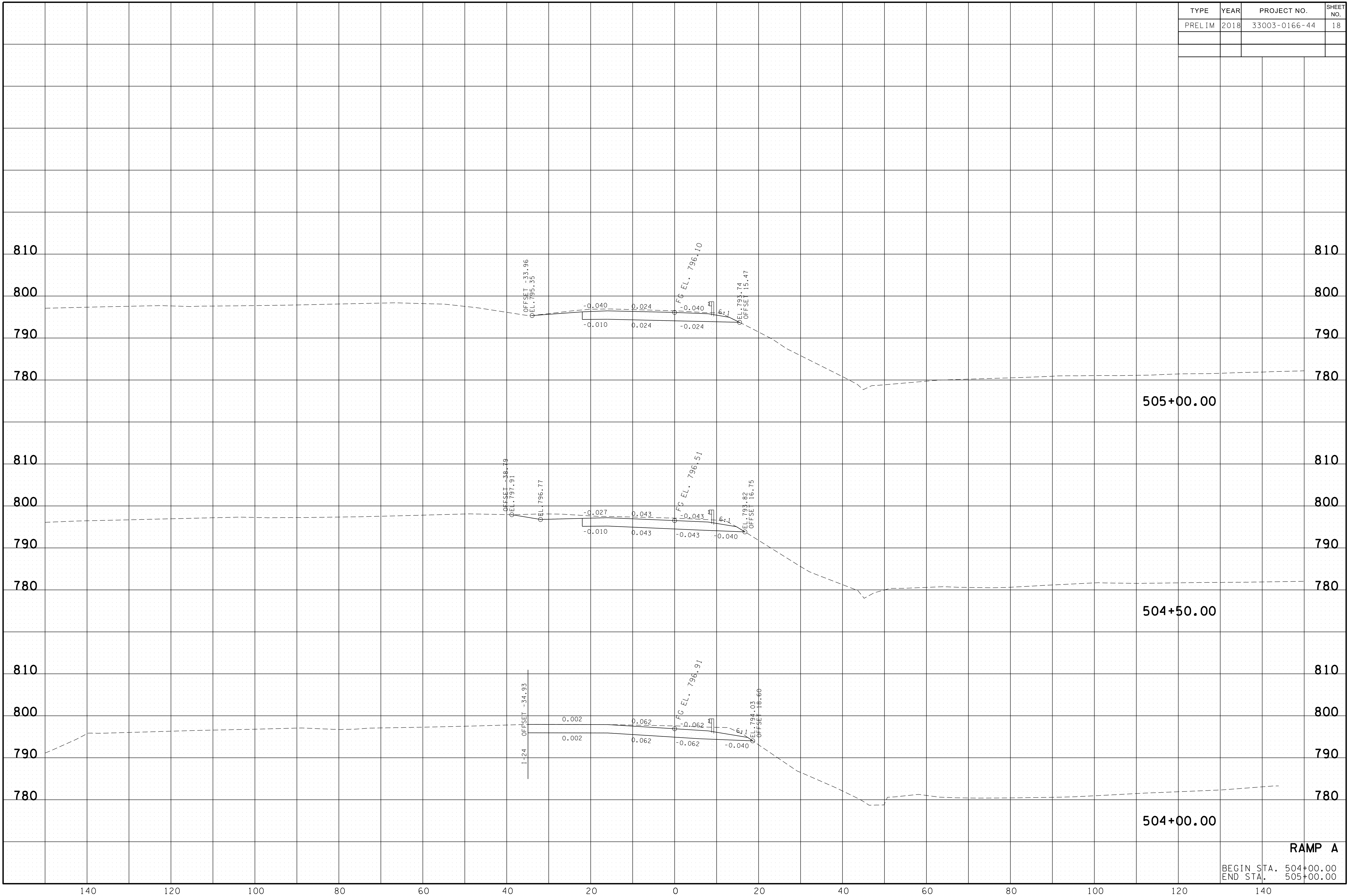
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	17



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**RAMP A**  
 BEGIN STA. 502+00.00  
 END STA. 503+50.00

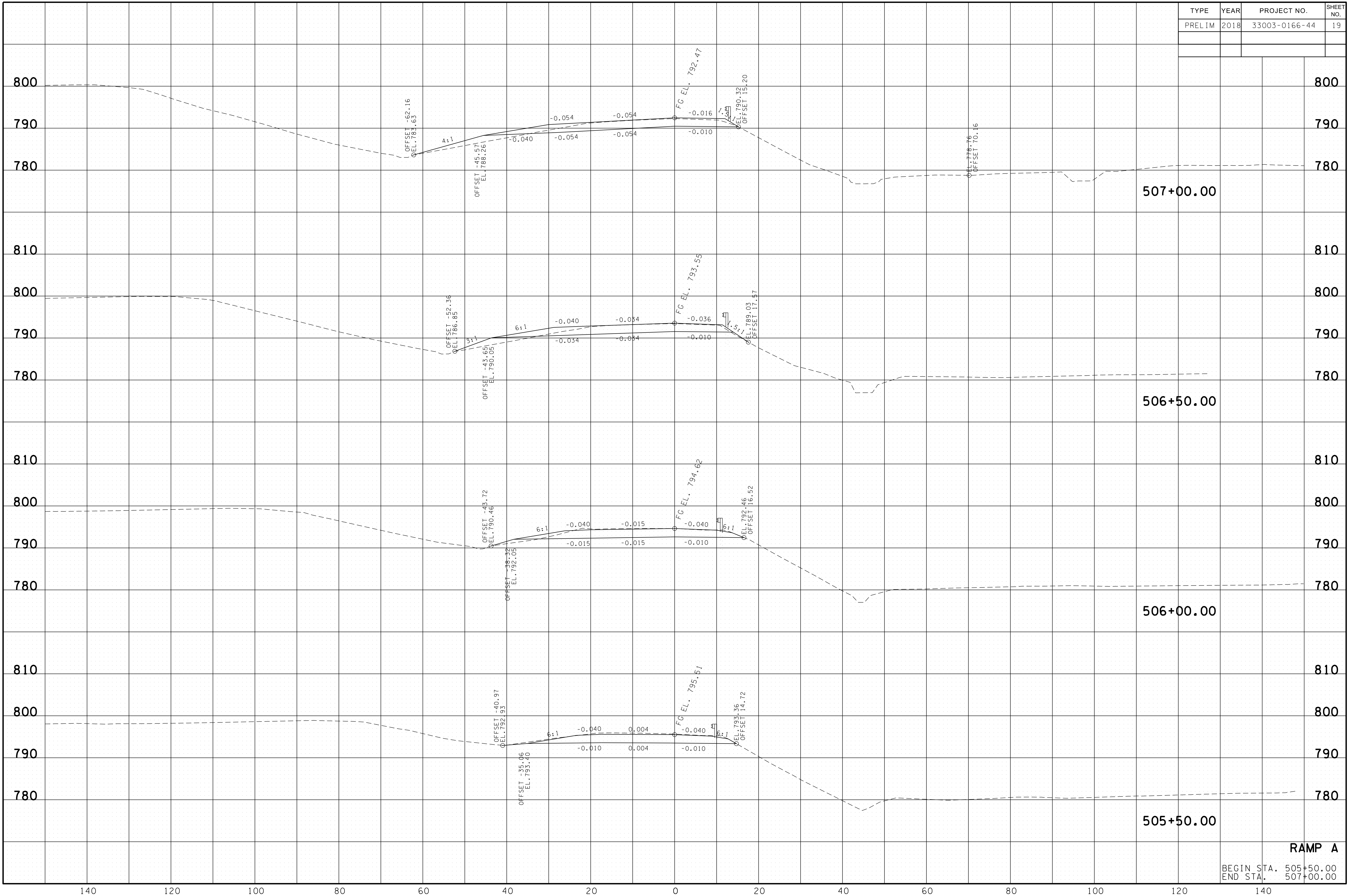
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	18



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**RAMP A**  
 BEGIN STA. 504+00.00  
 END STA. 505+00.00

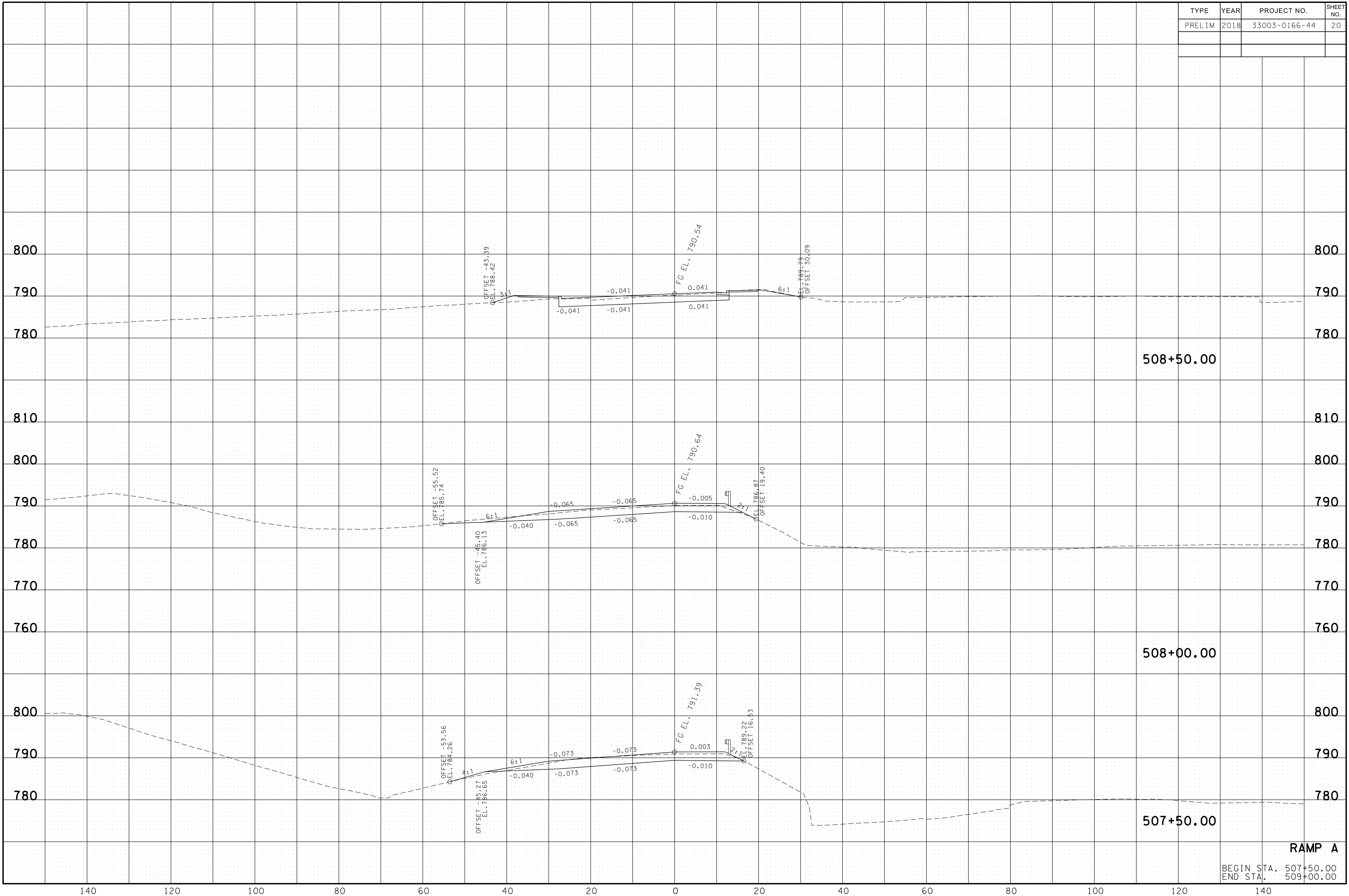
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	19



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**RAMP A**  
 BEGIN STA. 505+50.00  
 END STA. 507+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2018	33003-0166-44	20



9/12/2018  
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**RAMP A**  
 BEGIN STA. 507+50.00  
 END STA. 509+00.00